

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102318\
 Data File : BM017292.D
 Acq On : 23 Oct 2018 19:39
 Operator : MJ/SJ
 Sample : J5604-02MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MS-VB-29736-BOX-2MSD

Manual Integrations
 APPROVED

Quant Time: Oct 24 07:35:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 14:23:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	273289	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	1093142	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	672473	20.00	ng	-0.01
64) Phenanthrene-d10	17.05	188	1585858	20.00	ng	-0.02
76) Chrysene-d12	21.25	240	1780716	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1583849	20.00	ng	-0.02

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System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	1752603	108.47	ng	0.00
7) Phenol-d6	6.85	99	2161233	98.21	ng	-0.01
23) Nitrobenzene-d5	8.82	82	1580315	84.55	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	1231033	135.36	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	3828019	75.74	ng	-0.02
79) Terphenyl-d14	19.69	244	6611234	83.68	ng	-0.01

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Target Compounds

						Qvalue
2) 1,4-Dioxane	3.27	88	223946	27.142	ng	# 87
3) Pyridine	3.65	79	561617	29.582	ng	# 85
4) n-Nitrosodimethylamine	3.56	42	310025	40.678	ng	# 74
6) Aniline	7.00	93	680909	24.737	ng	98
8) 2-Chlorophenol	7.23	128	872296	46.664	ng	98
9) Benzaldehyde	6.82	77	424105	30.225	ng	96
10) Phenol	6.88	94	922109	38.933	ng	98
11) bis(2-Chloroethyl)ether	7.10	93	800753	42.412	ng	100
12) 1,3-Dichlorobenzene	7.55	146	905213	41.541	ng	97
13) 1,4-Dichlorobenzene	7.69	146	919581	41.305	ng	98
14) 1,2-Dichlorobenzene	8.00	146	885802	41.295	ng	98
15) Benzyl Alcohol	7.90	79	779644	48.468	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.19	45	1063693	40.326	ng	99
17) 2-Methylphenol	8.11	107	717673	47.209	ng	98
18) Hexachloroethane	8.72	117	329184	43.205	ng	98
19) n-Nitroso-di-n-propylamine	8.47	70	661342	45.640	ng	98
20) 3+4-Methylphenols	8.43	107	983636	47.308	ng	99
22) Acetophenone	8.48	105	1582245	57.101	ng	# 99
24) Nitrobenzene	8.86	77	951622	48.133	ng	96
25) Isophorone	9.38	82	1825001	59.131	ng	99
26) 2-Nitrophenol	9.56	139	489093	52.281	ng	98
27) 2,4-Dimethylphenol	9.63	122	851784	62.414	ng	98
28) bis(2-Chloroethoxy)methane	9.86	93	1118624	51.494	ng	100
29) 2,4-Dichlorophenol	10.09	162	870499	54.937	ng	99
30) 1,2,4-Trichlorobenzene	10.30	180	870251	45.782	ng	99
31) Naphthalene	10.49	128	2677394	49.979	ng	99
32) Benzoic acid	9.79	122	623465	61.227	ng	89
33) 4-Chloroaniline	10.60	127	261683	11.310	ng	98
34) Hexachlorobutadiene	10.76	225	524786	43.572	ng	99
35) Caprolactam	11.41	113	228796m	39.620	ng	
36) 4-Chloro-3-methylphenol	11.73	107	982251	54.994	ng	98
37) 2-Methylnaphthalene	12.10	142	2062672	56.267	ng	99
38) 1-Methylnaphthalene	12.32	142	1957725	54.870	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	1043151	44.048	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	1164160	101.684	ng	100
43) 2,4,6-Trichlorophenol	12.72	196	747766	54.393	ng	99
44) 2,4,5-Trichlorophenol	12.80	196	813402	55.176	ng	99
46) 1,1'-Biphenyl	13.13	154	2636736	43.571	ng	100
47) 2-Chloronaphthalene	13.17	162	2055633	46.174	ng	100
48) 2-Nitroaniline	13.39	65	668732	52.556	ng	96
49) Acenaphthylene	14.02	152	3435832	53.243	ng	99
50) Dimethylphthalate	13.77	163	2752624	53.056	ng	100
51) 2,6-Dinitrotoluene	13.89	165	615956	53.942	ng	95
52) Acenaphthene	14.37	154	1994787	49.233	ng	98
53) 3-Nitroaniline	14.22	138	324273	26.220	ng	95
54) 2,4-Dinitrophenol	14.43	184	684785	99.938	ng	97
55) Dibenzofuran	14.70	168	3228970	47.923	ng	99
56) 4-Nitrophenol	14.55	139	1392207	120.951	ng	99
57) 2,4-Dinitrotoluene	14.68	165	883009	57.534	ng	# 99
58) Fluorene	15.36	166	2641695	52.969	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.93	232	782099	58.201	ng	99
60) Diethylphthalate	15.15	149	2892558	56.219	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	1343769	47.263	ng	99
62) 4-Nitroaniline	15.39	138	678121	49.021	ng	99
63) Azobenzene	15.65	77	2548228	50.954	ng	100
65) 4,6-Dinitro-2-methylphenol	15.45	198	511679	49.918	ng	99
66) n-Nitrosodiphenylamine	15.57	169	2427905	50.603	ng	99
67) 4-Bromophenyl-phenylether	16.25	248	886224	50.895	ng	98
68) Hexachlorobenzene	16.36	284	965206	47.719	ng	99
69) Atrazine	16.53	200	928337	54.060	ng	98
70) Pentachlorophenol	16.70	266	1243793	89.766	ng	99
71) Phenanthrene	17.10	178	4389047	51.297	ng	100
72) Anthracene	17.19	178	4482301	55.133	ng	99
73) Carbazole	17.46	167	4157613	50.063	ng	100
74) Di-n-butylphthalate	18.03	149	5079366	57.989	ng	99
75) Fluoranthene	19.12	202	5272960	54.767	ng	98
77) Benzidine	19.32	184	1220996	27.041	ng	98
78) Pyrene	19.48	202	5365613	53.912	ng	100
80) Butylbenzylphthalate	20.39	149	2454267	62.292	ng	94
81) Benzo(a)anthracene	21.23	228	5400318	53.891	ng	100
82) 3,3'-Dichlorobenzidine	21.17	252	1211215	32.431	ng	99
83) Chrysene	21.29	228	5035044	50.764	ng	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	3569234	60.093	ng	99
85) Di-n-octyl phthalate	22.04	149	6005081	59.644	ng	99
86) Indeno(1,2,3-cd)pyrene	25.67	276	4646799	41.886	ng	99
88) Benzo(b)fluoranthene	22.80	252	4990103	57.626	ng	99
89) Benzo(k)fluoranthene	22.84	252	4728142	54.414	ng	99
90) Benzo(a)pyrene	23.36	252	4509759	54.850	ng	100
91) Dibenzo(a,h)anthracene	25.69	278	3946975	48.346	ng	99
92) Benzo(g,h,i)perylene	26.35	276	3866289	47.782	ng	99

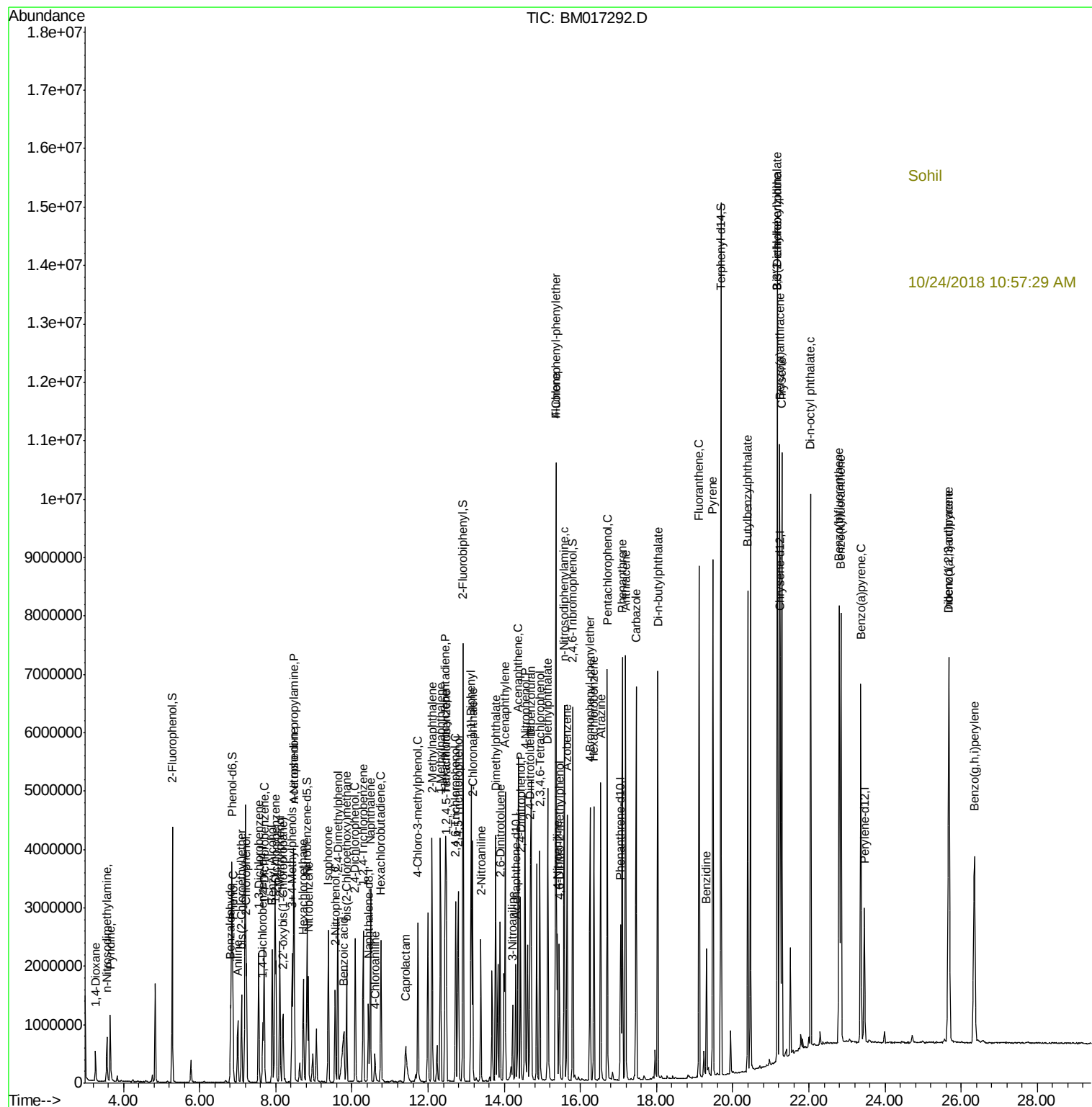
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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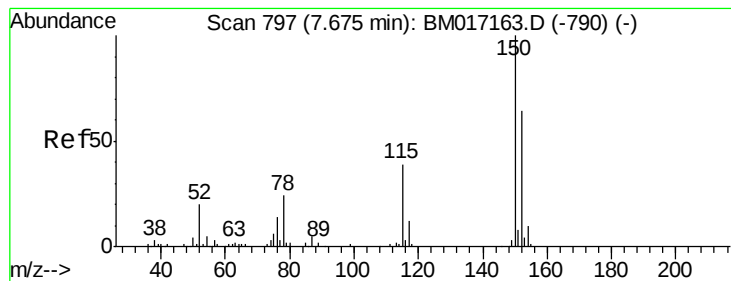
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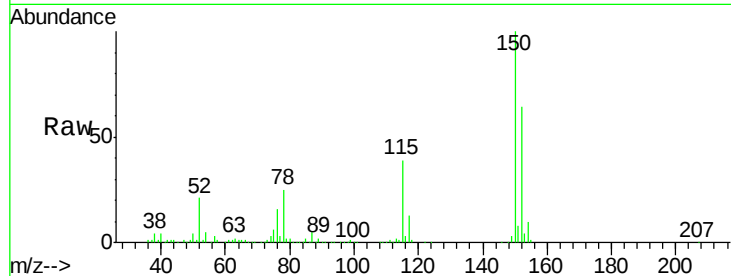


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.66 min Scan# 794
 Delta R.T. -0.02 min
 Lab File: BM017292.D
 Acq: 23 Oct 2018 19:39

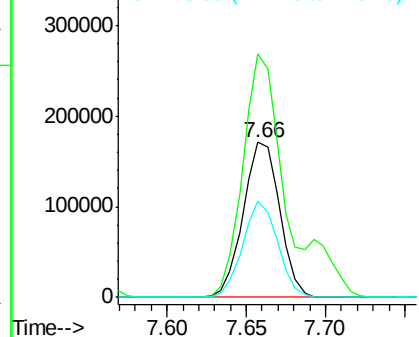
Instrument :
 BNA_M
 ClientSampleId :
 MS-VB-29736-BOX-2MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.3	186.5
115	62.0	48.1	72.1

Manual Integrations
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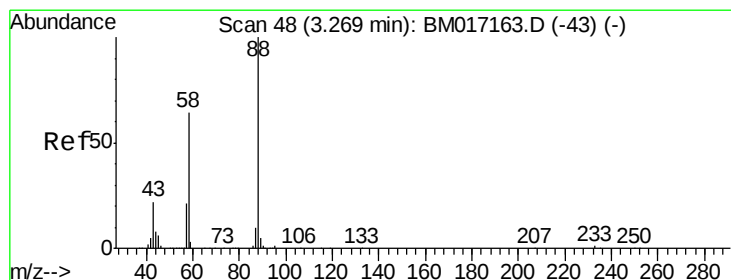
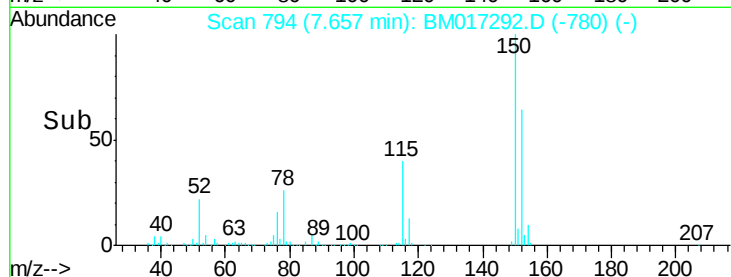


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



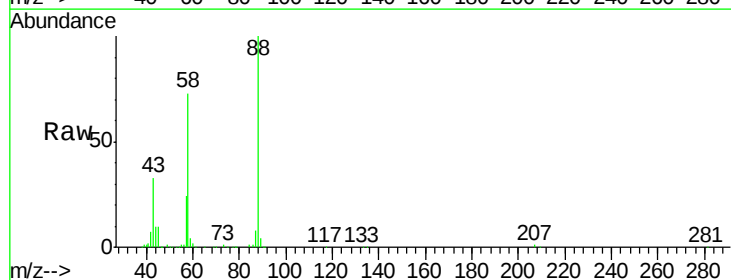
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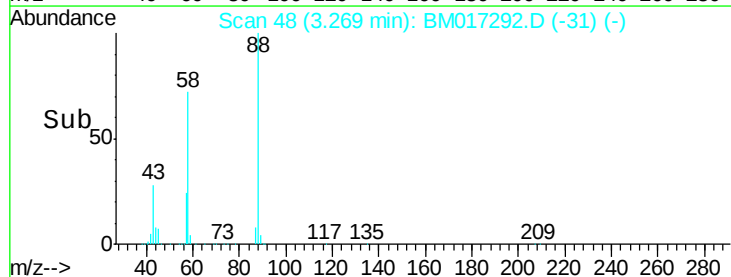
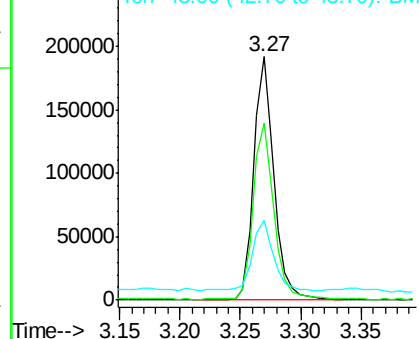


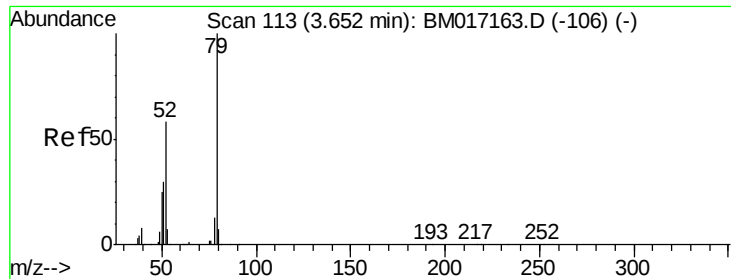
#2
 1,4-Dioxane
 Concen: 27.142 ng
 RT: 3.27 min Scan# 48
 Delta R.T. 0.00 min
 Lab File: BM017292.D
 Acq: 23 Oct 2018 19:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.5	50.2	75.4
43	30.1	19.3	28.9



Abundance Ion 88.00 (87.70 to 88.70): BM0
 Ion 58.00 (57.70 to 58.70): BM0
 Ion 43.00 (42.70 to 43.70): BM0





#3

Pyridine

Concen: 29.582 ng

RT: 3.65 min Scan# 113

Delta R.T. 0.00 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

Instrument :

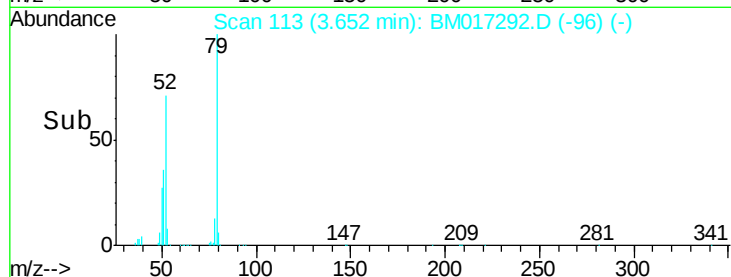
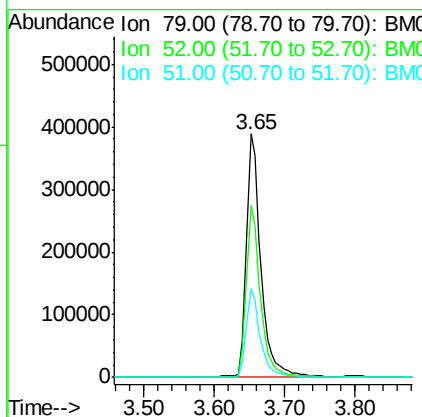
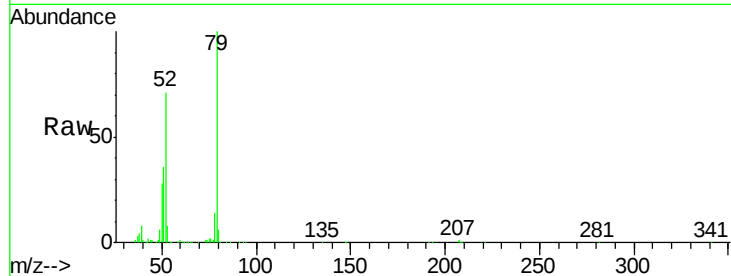
BNA_M

ClientSampleId :

MS-VB-29736-BOX-2MSD

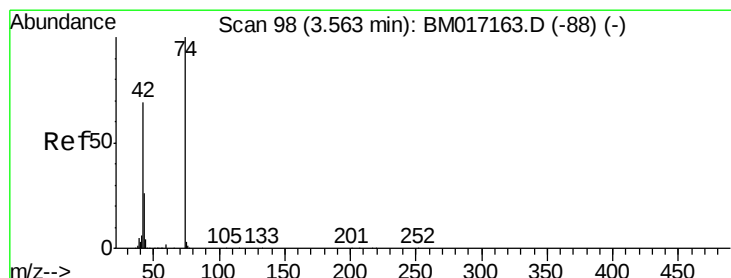
Tgt Ion:	79	Resp:	561617
Ion	Ratio	Lower	Upper
79	100		
52	70.8	46.5	69.7#
51	36.3	24.6	37.0

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#4

n-Nitrosodimethylamine

Concen: 40.678 ng

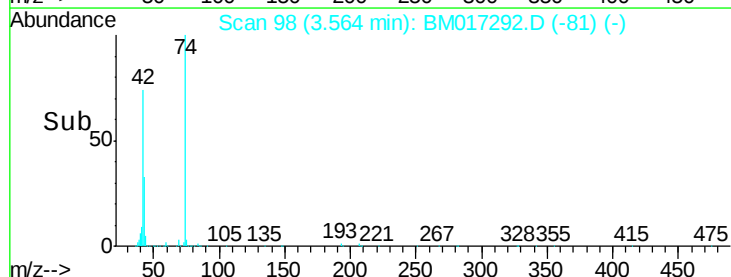
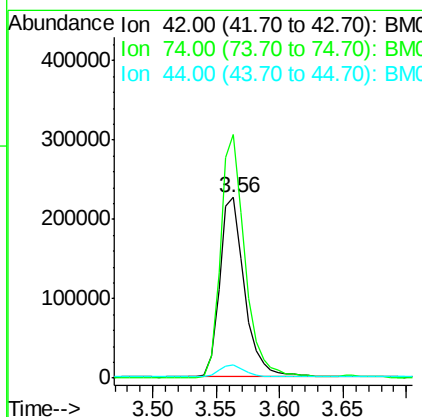
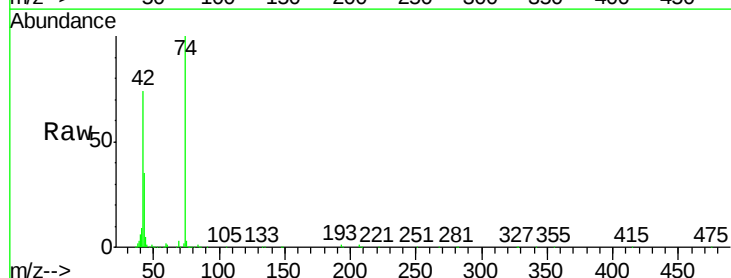
RT: 3.56 min Scan# 98

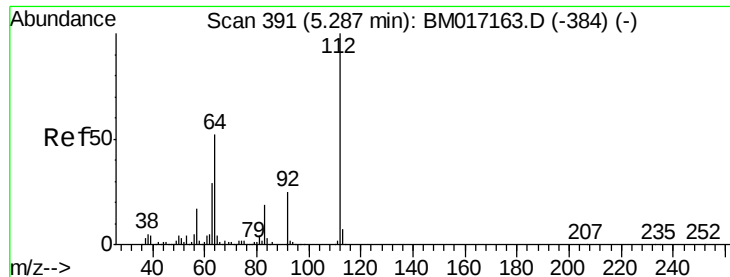
Delta R.T. 0.00 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

Tgt Ion:	42	Resp:	310025
Ion	Ratio	Lower	Upper
42	100		
74	134.9	114.4	171.6
44	7.1	48.6	73.0#





#5

2-Fluorophenol

Concen: 108.465 ng

RT: 5.28 min Scan# 390

Delta R.T. -0.00 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

Instrument :

BNA_M

ClientSampleId :

MS-VB-29736-BOX-2MSD

Tgt Ion: 112 Resp: 1752603

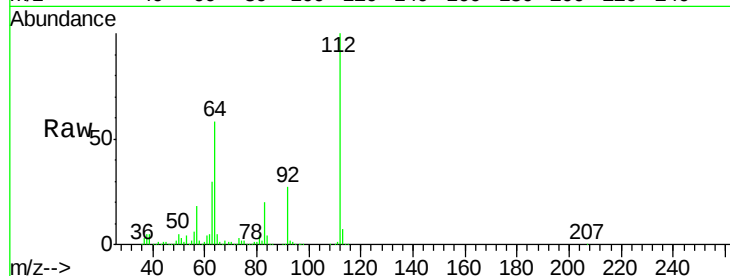
Ion Ratio Lower Upper

112 100

64 57.6 41.7 62.5

63 29.9 23.0 34.4

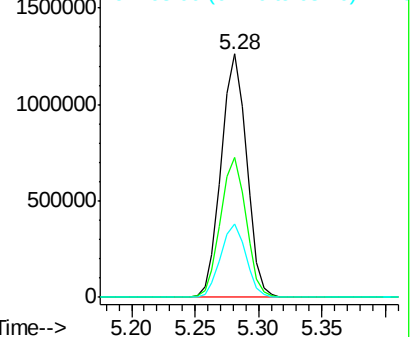
Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): E

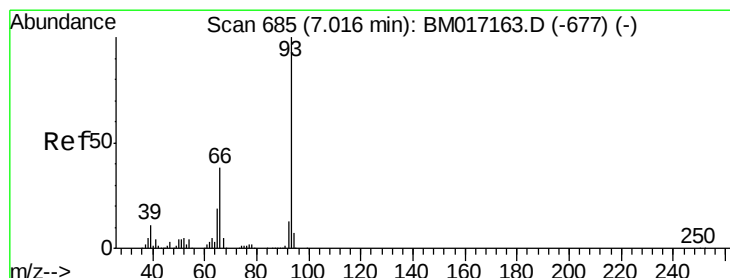
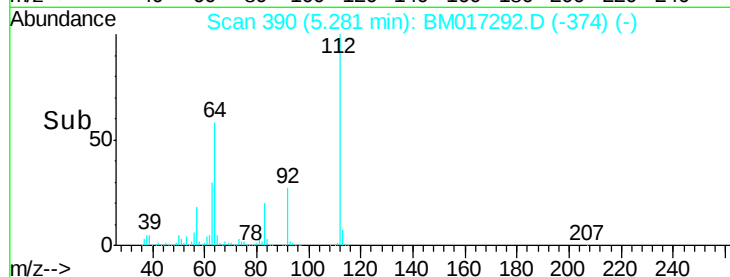
Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



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#6

Aniline

Concen: 24.737 ng

RT: 7.00 min Scan# 683

Delta R.T. -0.01 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

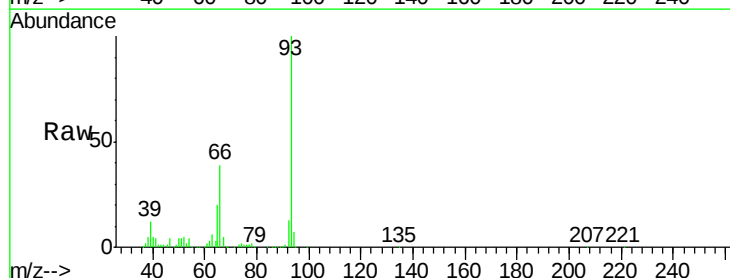
Tgt Ion: 93 Resp: 680909

Ion Ratio Lower Upper

93 100

66 39.5 30.4 45.6

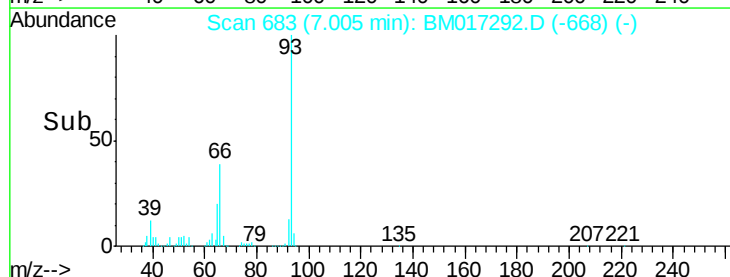
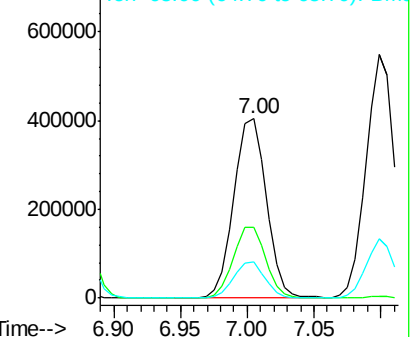
65 20.2 15.3 22.9

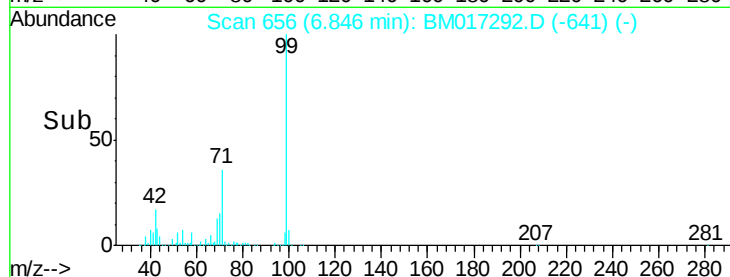
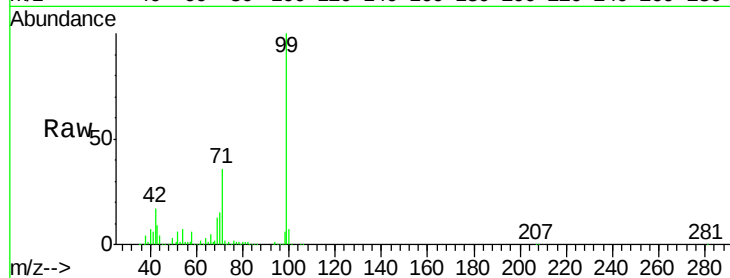
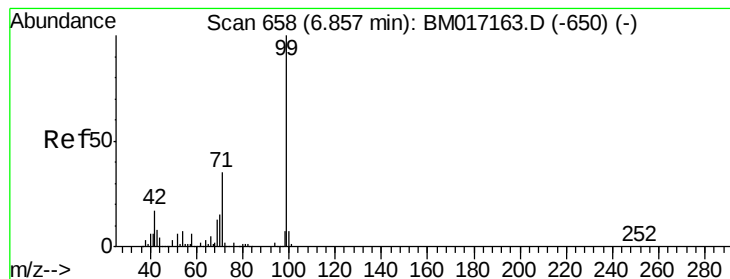


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 98.209 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

Tgt Ion: 99 Resp: 2161233

Ion Ratio Lower Upper

99 100

42 17.3 13.3 19.9

71 35.8 28.0 42.0

Instrument :

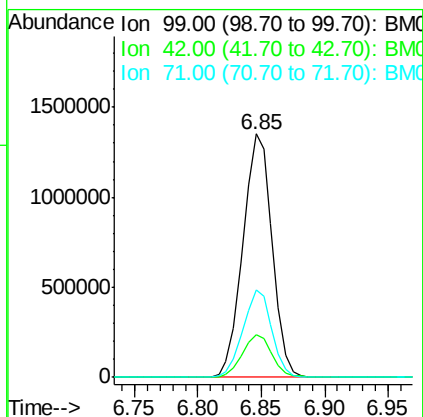
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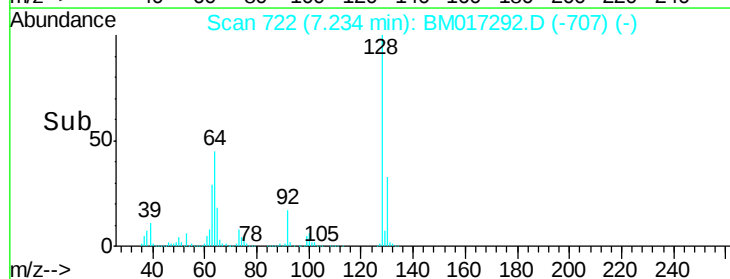
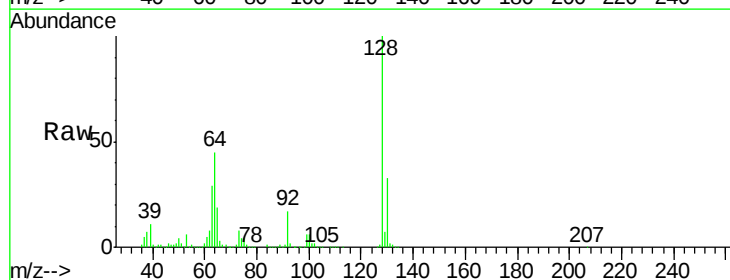
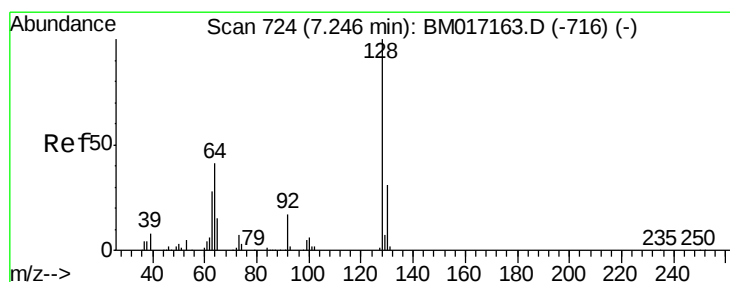
Manual Integrations

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#8

2-Chlorophenol

Concen: 46.664 ng

RT: 7.23 min Scan# 722

Delta R.T. -0.01 min

Lab File: BM017292.D

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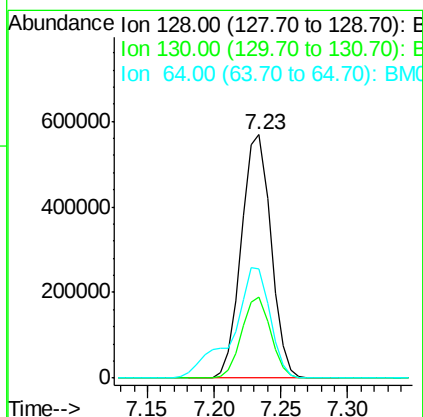
Tgt Ion: 128 Resp: 872296

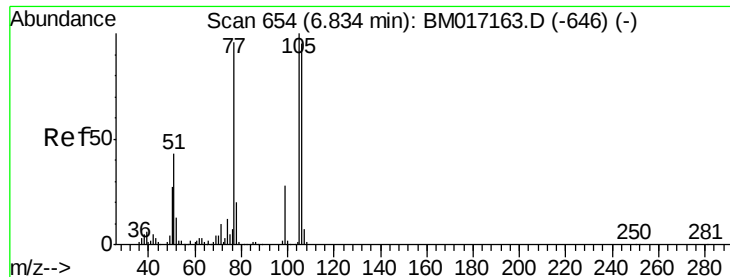
Ion Ratio Lower Upper

128 100

130 33.1 11.0 51.0

64 44.9 24.1 64.1





#9

Benzaldehyde

Concen: 30.225 ng

RT: 6.82 min Scan# 651

Delta R.T. -0.02 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

Instrument :

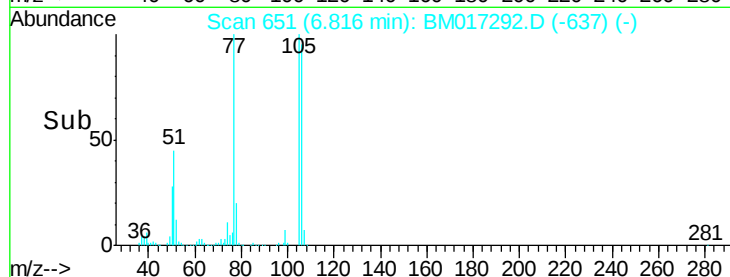
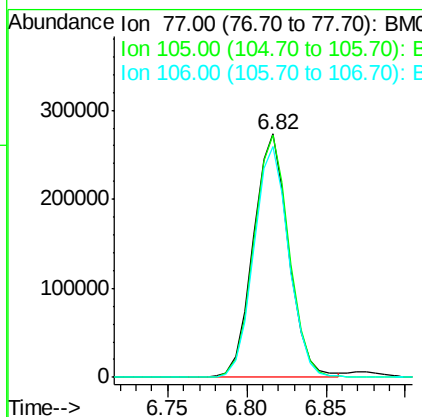
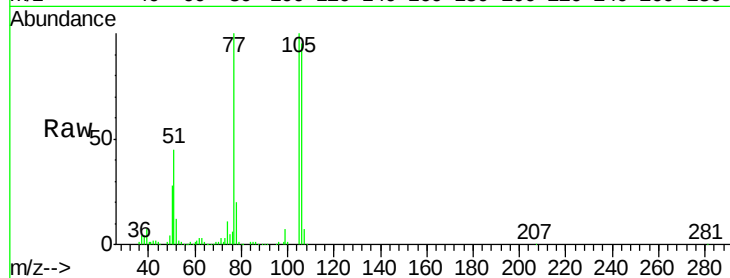
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ClientSampleId :

MS-VB-29736-BOX-2MSD

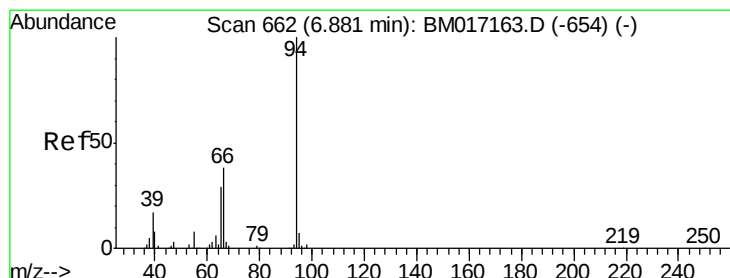
Tgt Ion:	77	Resp:	424105
Ion	Ratio	Lower	Upper
77	100		
105	99.8	83.9	123.9
106	94.7	78.2	118.2

Manual Integrations
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#10

Phenol

Concen: 38.933 ng

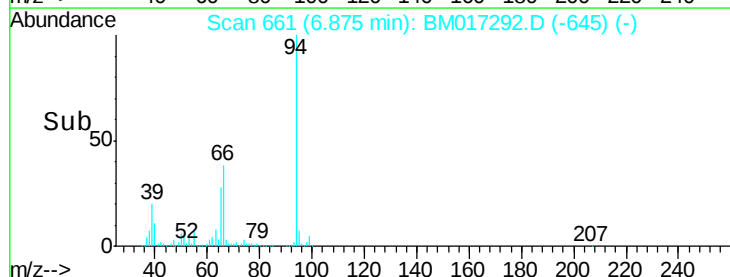
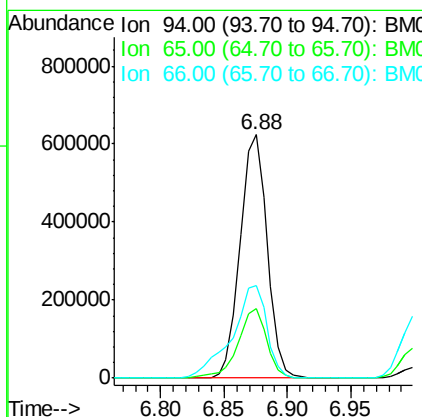
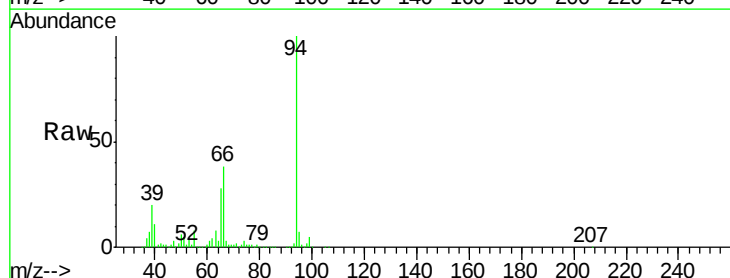
RT: 6.88 min Scan# 661

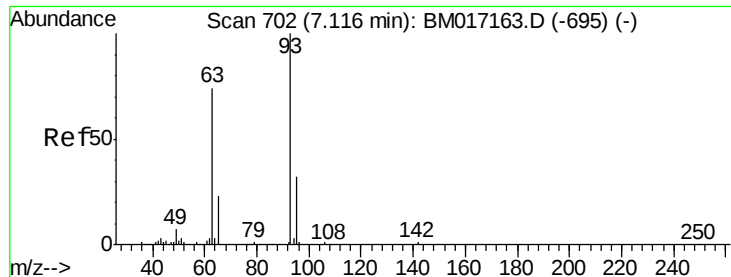
Delta R.T. -0.01 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

Tgt Ion:	94	Resp:	922109
Ion	Ratio	Lower	Upper
94	100		
65	28.4	9.4	49.4
66	38.2	19.0	59.0



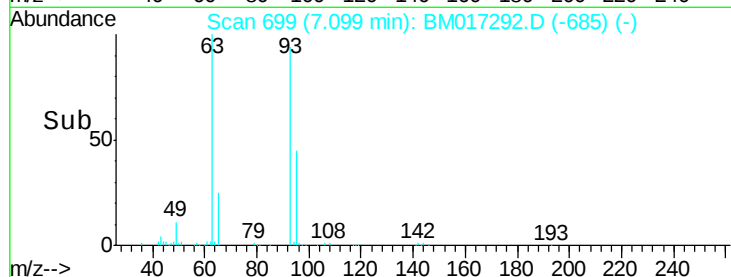
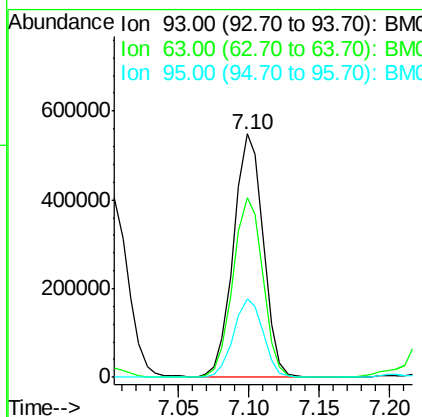
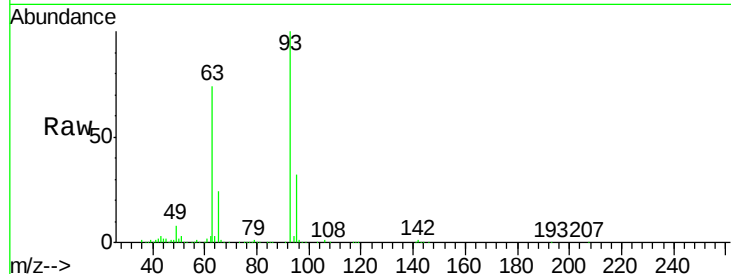


#11
bis(2-Chloroethyl)ether
Concen: 42.412 ng
RT: 7.10 min Scan# 699
Delta R.T. -0.02 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Instrument :
BNA_M
ClientSampleId :
MS-VB-29736-BOX-2MSD

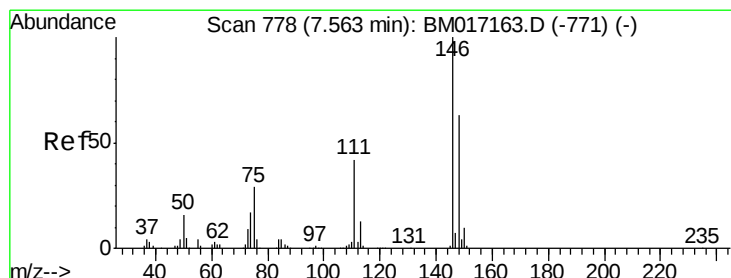
Tgt Ion	Ratio	Resp	Lower	Upper
93	100	800753		
63	73.9		54.0	94.0
95	32.3		11.8	51.8

Manual Integrations
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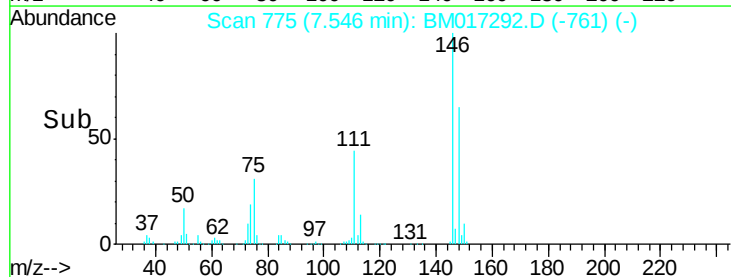
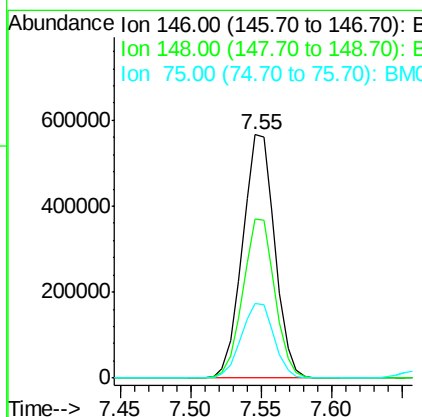
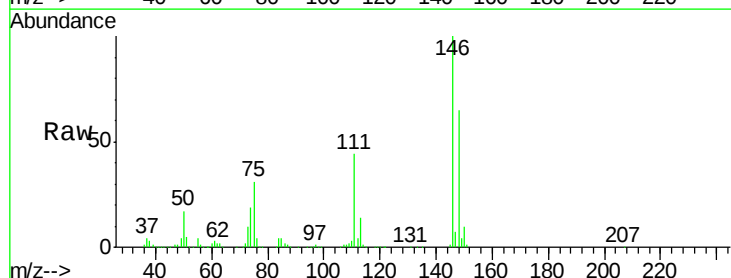
Sohil

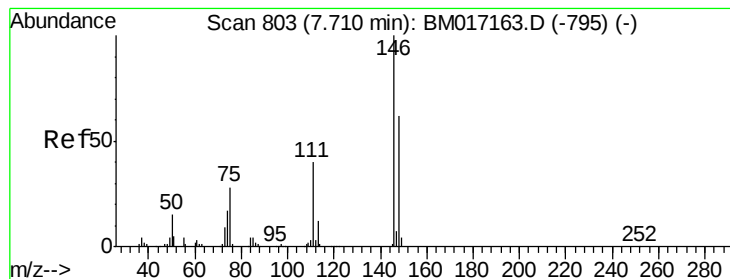
10/24/2018 10:57:29 AM



#12
1,3-Dichlorobenzene
Concen: 41.541 ng
RT: 7.55 min Scan# 775
Delta R.T. -0.02 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	905213		
148	65.3		50.2	75.4
75	30.8		23.3	34.9





#13

1,4-Dichlorobenzene

Concen: 41.305 ng

RT: 7.69 min Scan# 800

Delta R.T. -0.02 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

Instrument :

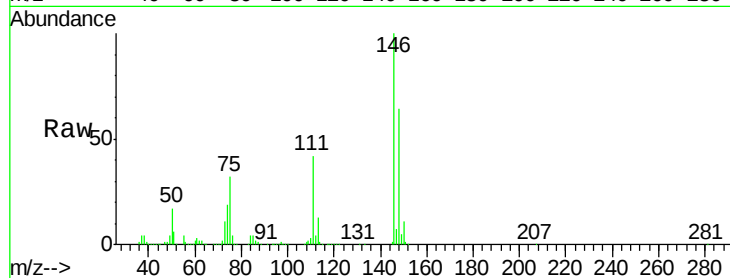
BNA_M

ClientSampleId :

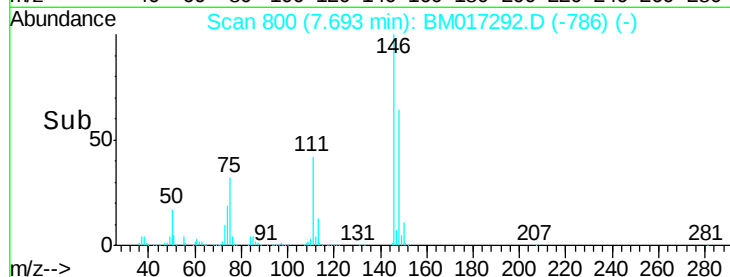
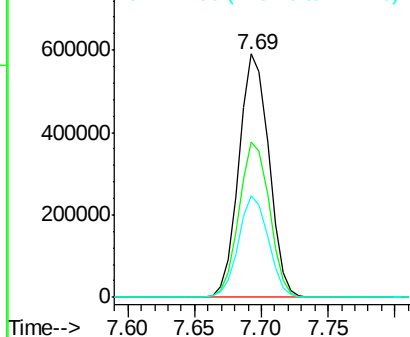
MS-VB-29736-BOX-2MSD

Tgt Ion:	146	Resp:	919581
Ion Ratio	Lower	Upper	
146	100		
148	63.8	49.8	74.6
111	41.7	32.1	48.1

Manual Integrations
APPROVED

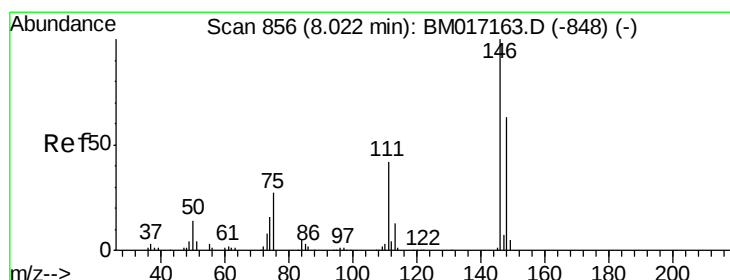


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



Sohil

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#14

1,2-Dichlorobenzene

Concen: 41.295 ng

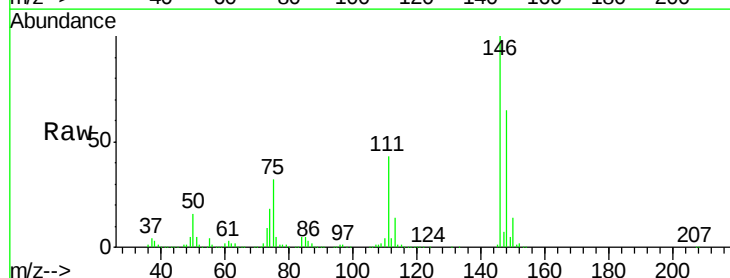
RT: 8.00 min Scan# 853

Delta R.T. -0.02 min

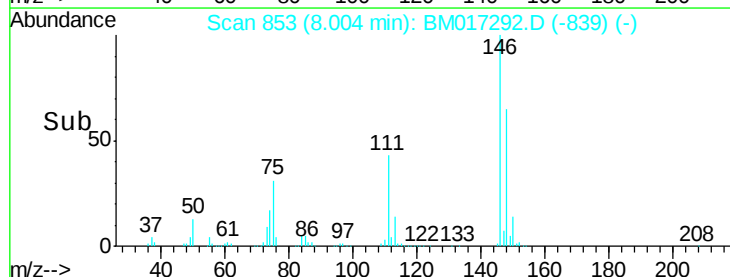
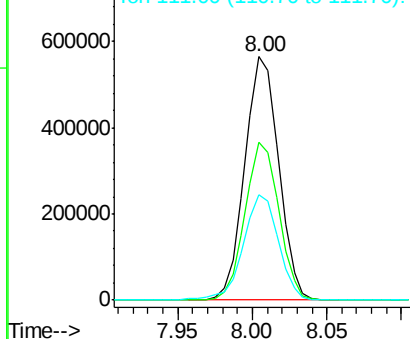
Lab File: BM017292.D

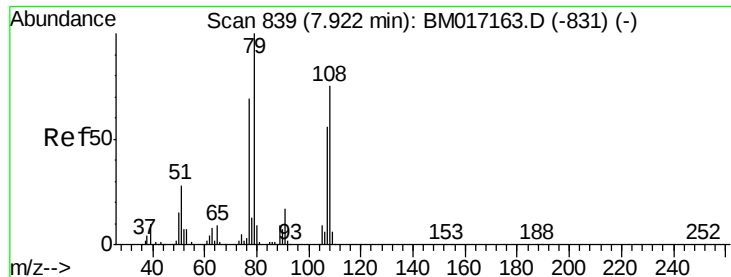
Acq: 23 Oct 2018 19:39

Tgt Ion:	146	Resp:	885802
Ion Ratio	Lower	Upper	
146	100		
148	64.8	50.8	76.2
111	43.4	33.8	50.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 48.468 ng

RT: 7.90 min Scan# 836

Delta R.T. -0.02 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

Instrument :

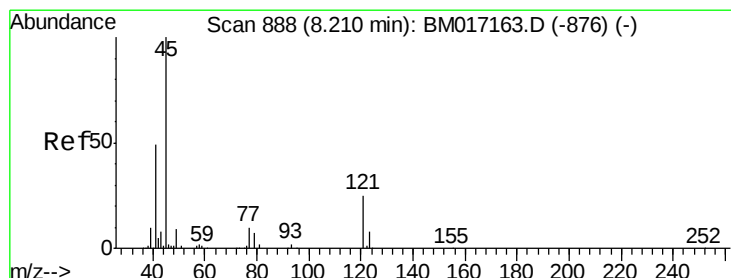
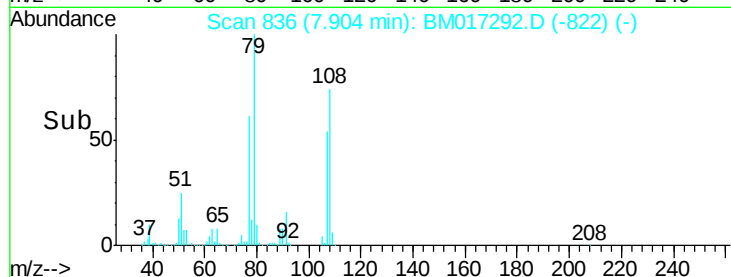
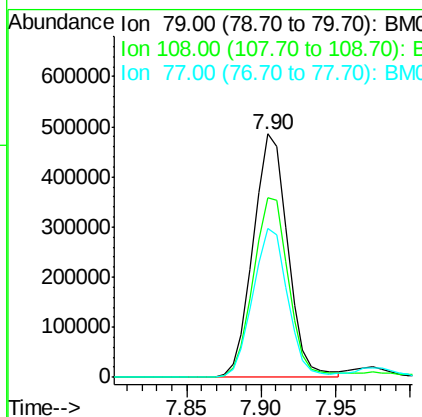
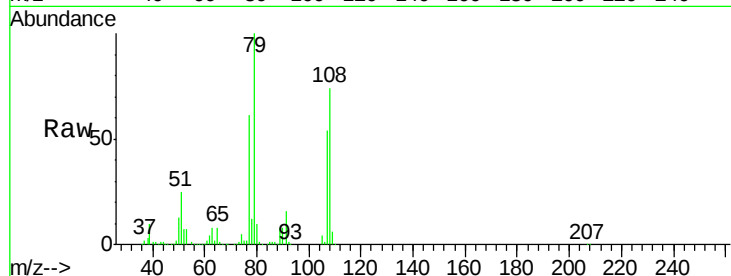
BNA_M

ClientSampleId :

MS-VB-29736-BOX-2MSD

Tgt Ion:	79	Resp:	779644
Ion	Ratio	Lower	Upper
79	100		
108	73.7	60.3	90.5
77	61.4	54.8	82.2

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.326 ng

RT: 8.19 min Scan# 885

Delta R.T. -0.02 min

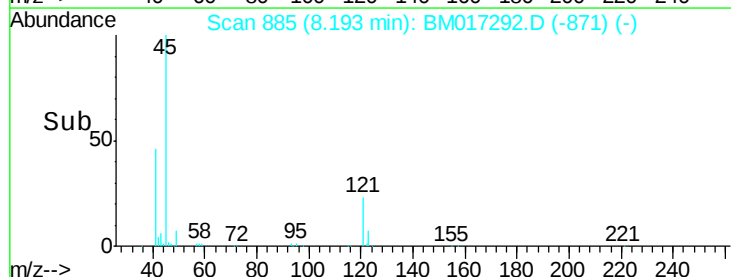
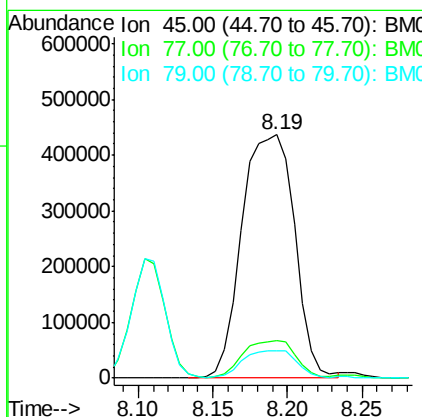
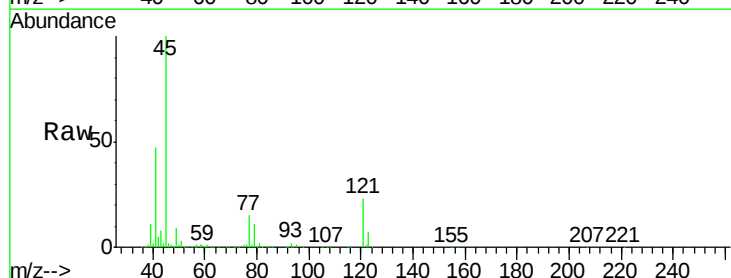
Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

Tgt Ion:	45	Resp:	1063693
Ion	Ratio	Lower	Upper
45	100		
77	15.2	0.0	35.5
79	11.4	0.0	32.1

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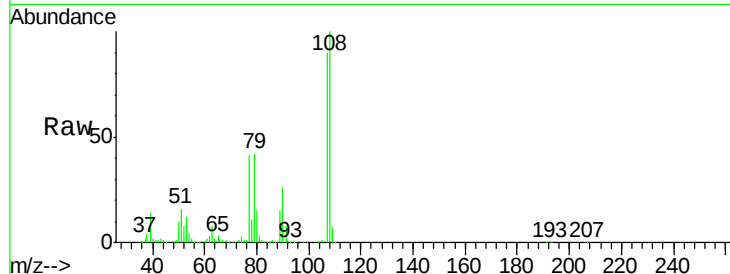


#17
2-Methylphenol
Concen: 47.209 ng
RT: 8.11 min Scan# 871
Delta R.T. -0.01 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

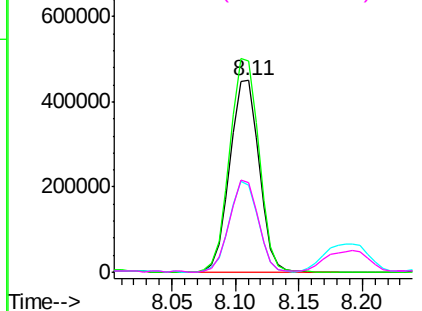
Instrument :
BNA_M
ClientSampleId :
MS-VB-29736-BOX-2MSD

Tgt	Ion	Ratio	Resp	Lower	Upper
107	100		717673		
108	110.6	90.3	135.5		
77	45.7	37.0	55.4		
79	46.7	35.8	53.6		

Manual Integrations
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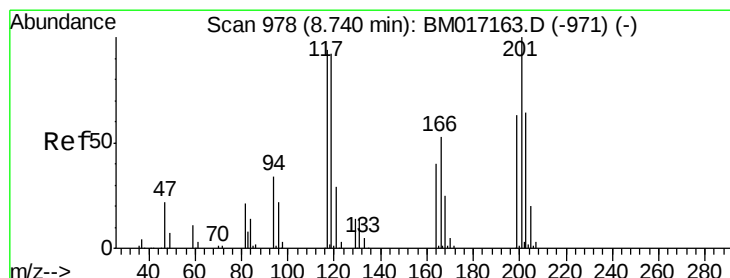
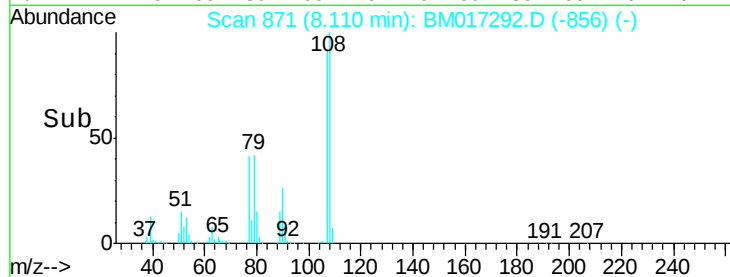


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0



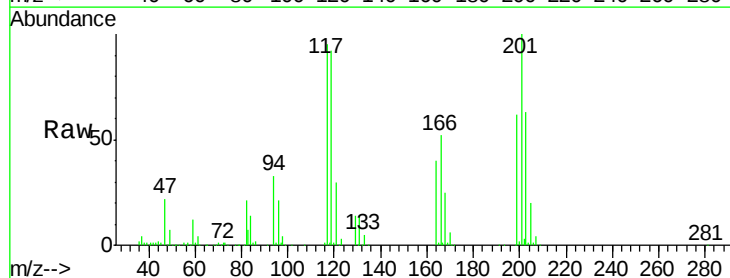
Sohil

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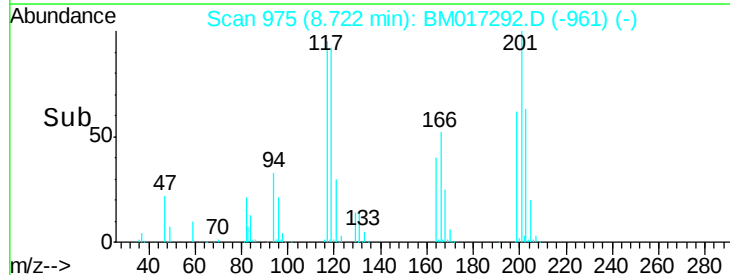
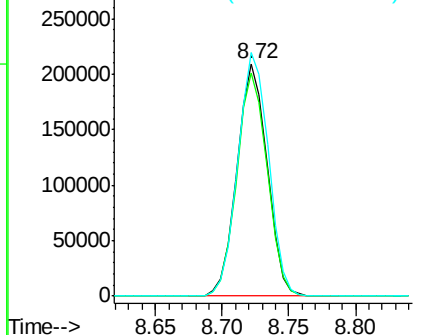


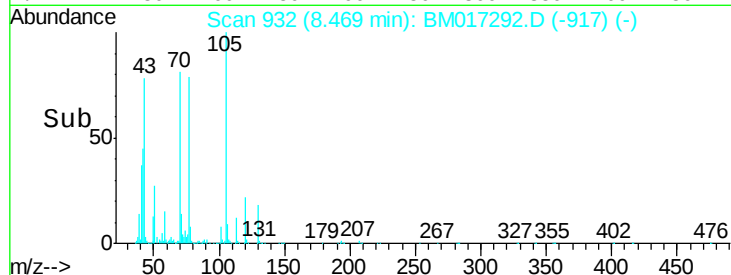
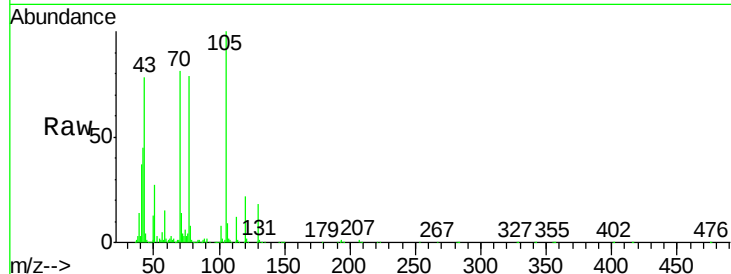
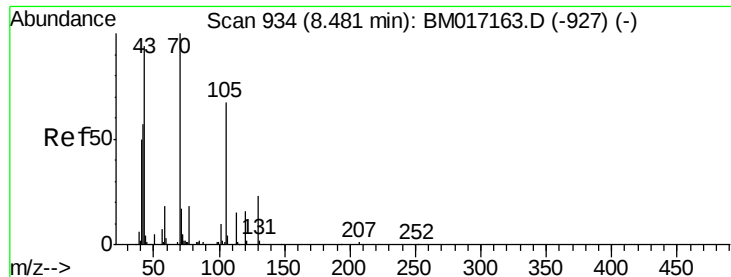
#18
Hexachloroethane
Concen: 43.205 ng
RT: 8.72 min Scan# 975
Delta R.T. -0.02 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Tgt	Ion	Ratio	Resp	Lower	Upper
117	100		329184		
119	96.1	78.2	117.2		
201	104.9	85.3	127.9		



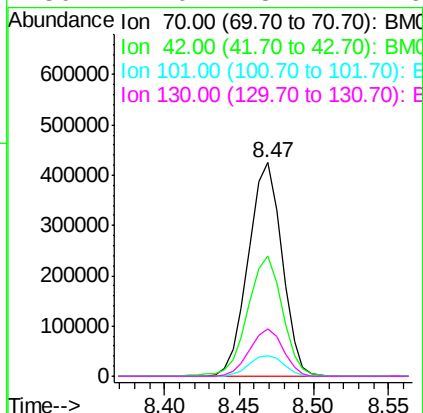
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 45.640 ng
RT: 8.47 min Scan# 932
Delta R.T. -0.01 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Tgt Ion	Ratio	Lower	Upper
70	100		
42	56.1	46.1	69.1
101	9.8	8.2	12.4
130	22.0	18.4	27.6

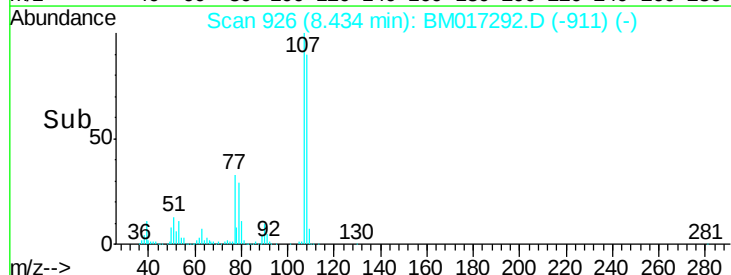
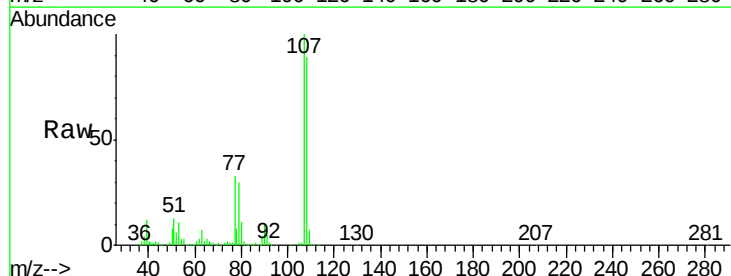
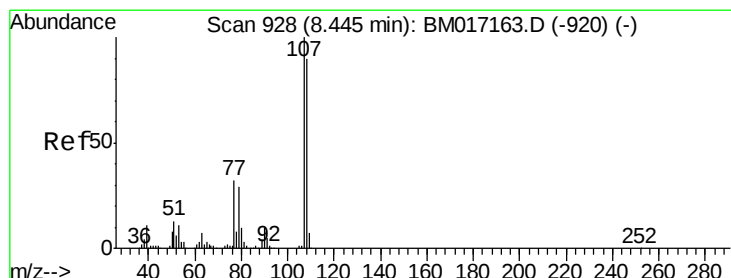


Instrument :
BNA_M
ClientSampleId :
MS-VB-29736-BOX-2MSD

Manual Integrations
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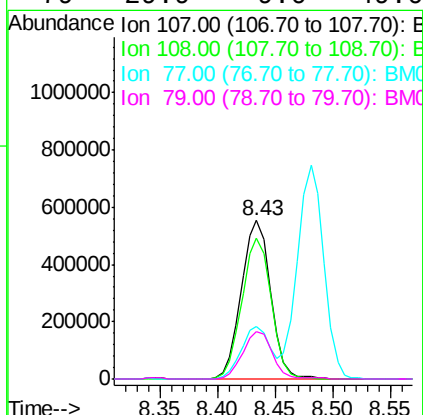
Sohil

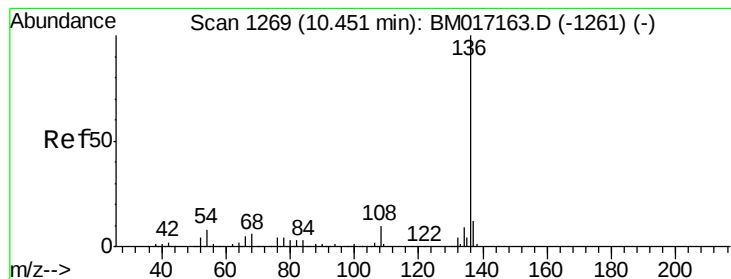
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#20
3+4-Methylphenols
Concen: 47.308 ng
RT: 8.43 min Scan# 926
Delta R.T. -0.01 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.3	69.9	109.9
77	33.4	12.2	52.2
79	29.9	9.0	49.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1266

Delta R.T. -0.02 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

Instrument :

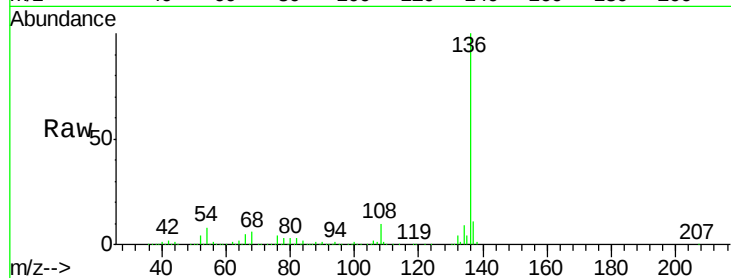
BNA_M

ClientSampleId :

MS-VB-29736-BOX-2MSD

Tgt Ion:	136	Resp:	1093142
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	7.7	6.7	10.1
68	5.6	4.7	7.1

Manual Integrations
APPROVED



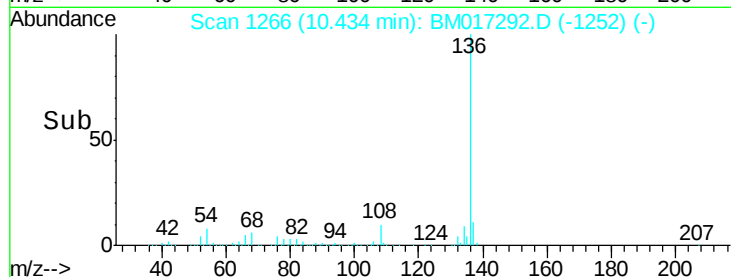
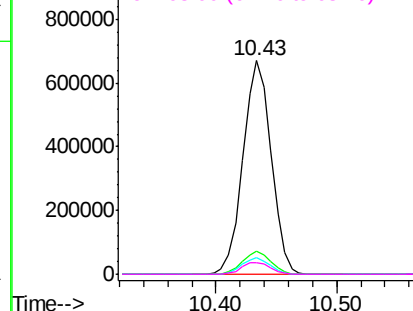
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

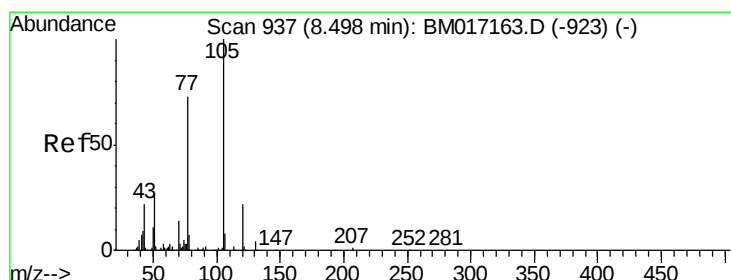
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



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#22

Acetophenone

Concen: 57.101 ng

RT: 8.48 min Scan# 934

Delta R.T. -0.02 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

Tgt Ion:	105	Resp:	1582245
Ion	Ratio	Lower	Upper
105	100		
71	3.0	2.0	3.0#
51	26.3	20.6	31.0
120	22.5	17.5	26.3

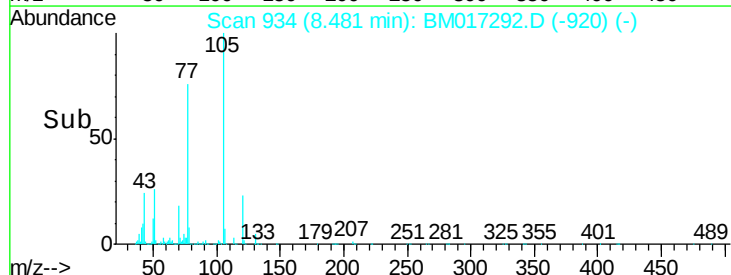
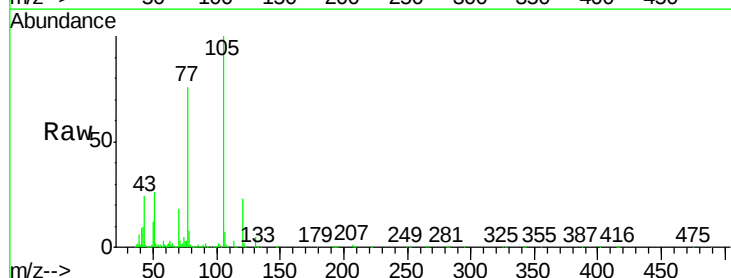
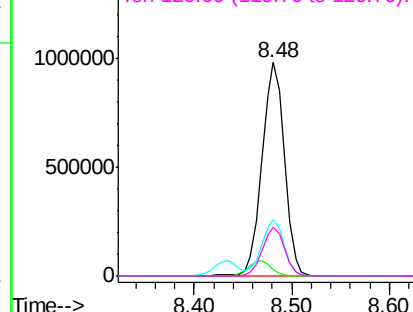
Abundance

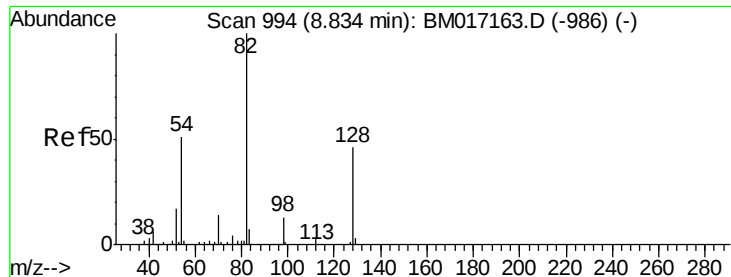
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E



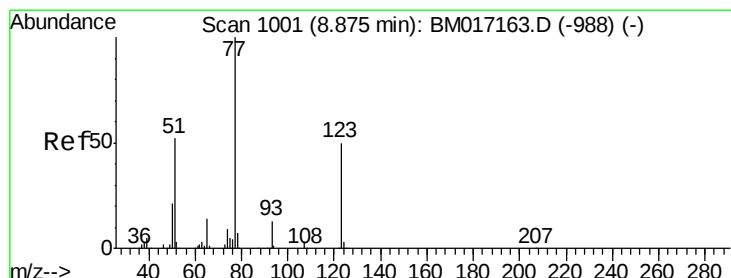
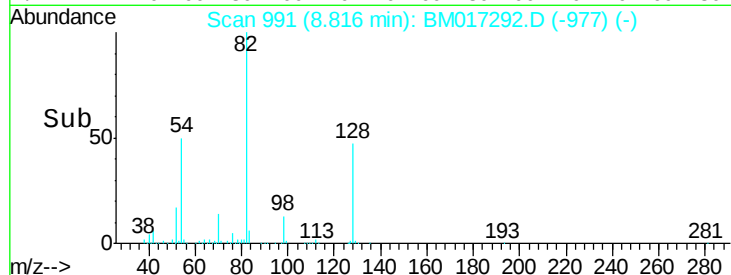
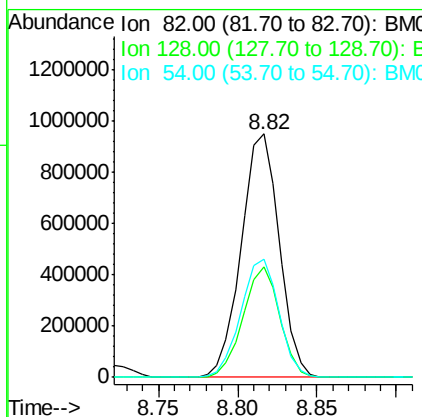
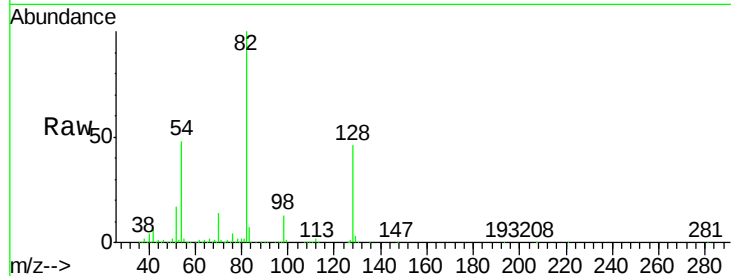


#23
 Nitrobenzene-d5
 Concen: 84.551 ng
 RT: 8.82 min Scan# 991
 Delta R.T. -0.02 min
 Lab File: BM017292.D
 Acq: 23 Oct 2018 19:39

Instrument :
 BNA_M
 ClientSampleId :
 MS-VB-29736-BOX-2MSD

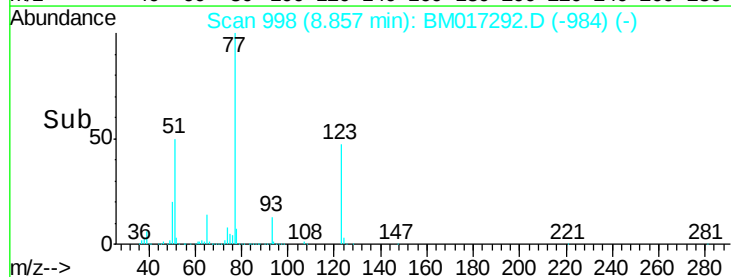
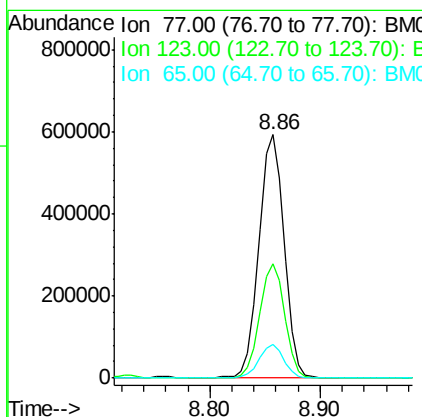
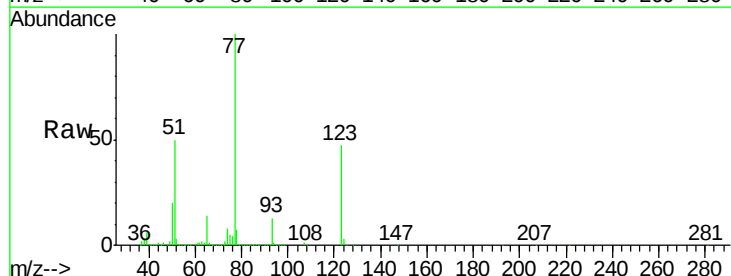
Tgt Ion: 82 Resp: 1580315
 Ion Ratio Lower Upper
 82 100
 128 45.6 37.0 55.6
 54 48.4 40.7 61.1

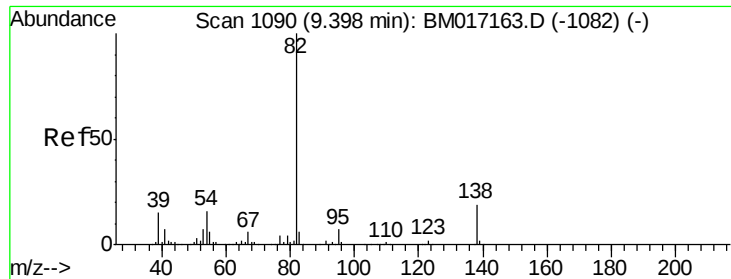
Manual Integrations
 APPROVED



#24
 Nitrobenzene
 Concen: 48.133 ng
 RT: 8.86 min Scan# 998
 Delta R.T. -0.02 min
 Lab File: BM017292.D
 Acq: 23 Oct 2018 19:39

Tgt Ion: 77 Resp: 951622
 Ion Ratio Lower Upper
 77 100
 123 47.0 40.2 60.4
 65 13.7 11.4 17.0



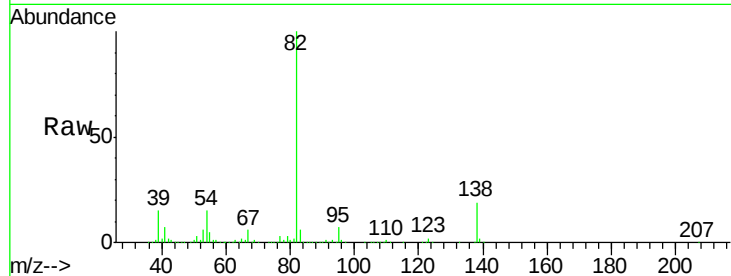


#25
Isophorone
Concen: 59.131 ng
RT: 9.38 min Scan# 1087
Delta R.T. -0.02 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

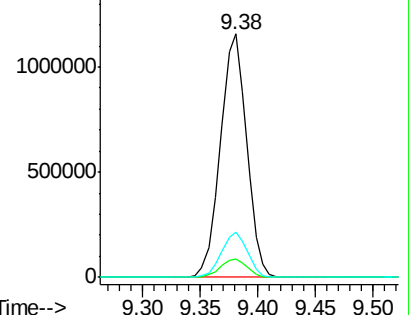
Instrument :
BNA_M
ClientSampleId :
MS-VB-29736-BOX-2MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.3	6.0	9.0
138	18.5	15.4	23.2

Manual Integrations
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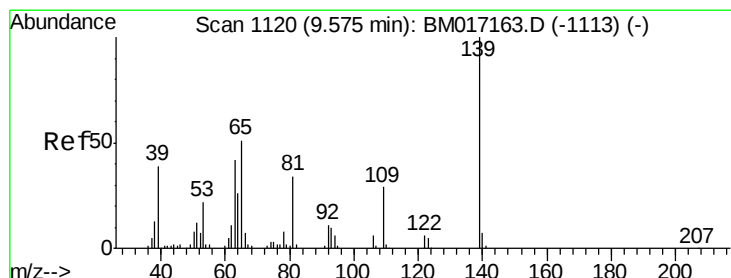
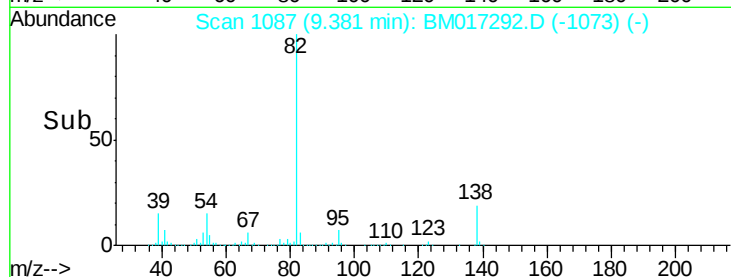


Abundance Ion 82.00 (81.70 to 82.70): BM017163.D (-1082) (-)
Ion 95.00 (94.70 to 95.70): BM017163.D (-1082) (-)
Ion 138.00 (137.70 to 138.70): BM017163.D (-1082) (-)



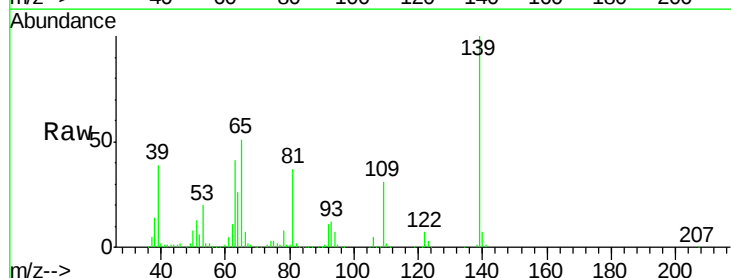
Sohil

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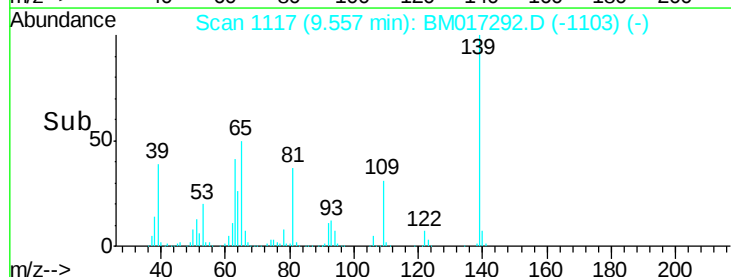
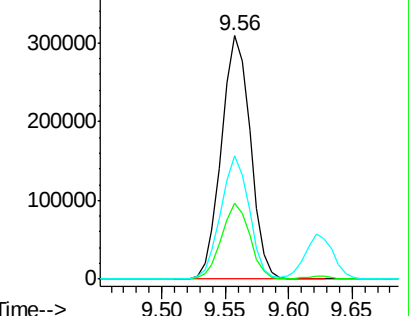


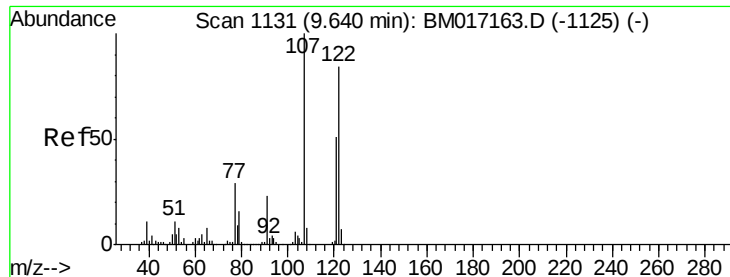
#26
2-Nitrophenol
Concen: 52.281 ng
RT: 9.56 min Scan# 1117
Delta R.T. -0.02 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Tgt Ion	Ratio	Lower	Upper
139	100		
109	31.4	23.2	34.8
65	50.6	40.6	61.0



Abundance Ion 139.00 (138.70 to 139.70): BM017163.D (-1113) (-)
Ion 109.00 (108.70 to 109.70): BM017163.D (-1113) (-)
Ion 65.00 (64.70 to 65.70): BM017163.D (-1113) (-)



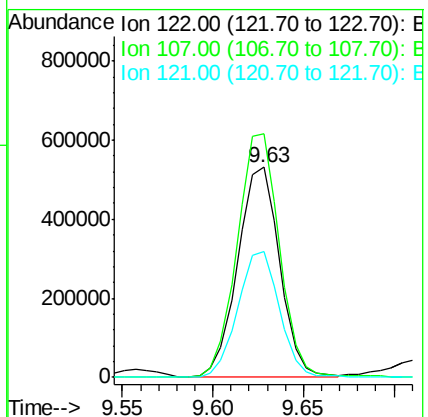
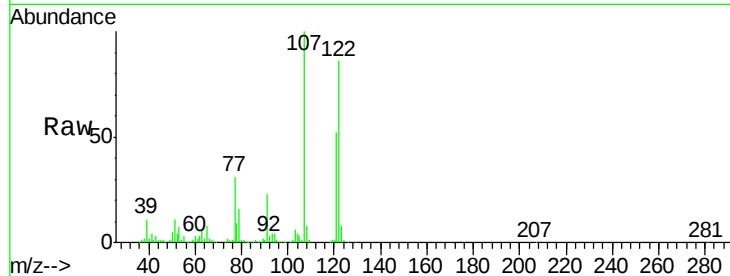


#27
2,4-Dimethylphenol
Concen: 62.414 ng
RT: 9.63 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Instrument :
BNA_M
ClientSampleId :
MS-VB-29736-BOX-2MSD

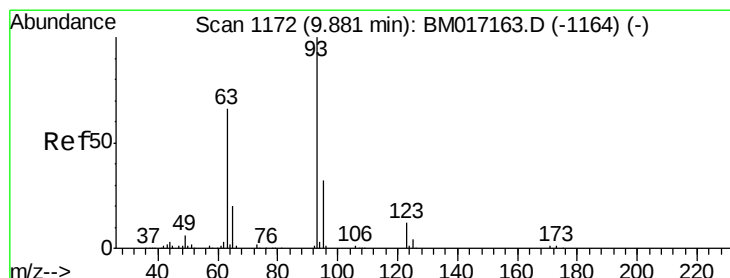
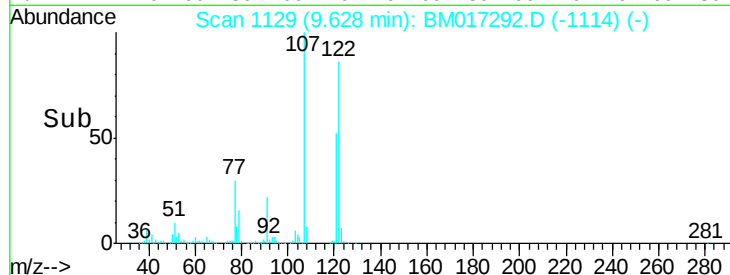
Tgt Ion	Ratio	Lower	Upper
122	100		
107	115.8	95.0	142.6
121	60.1	48.2	72.4

Manual Integrations
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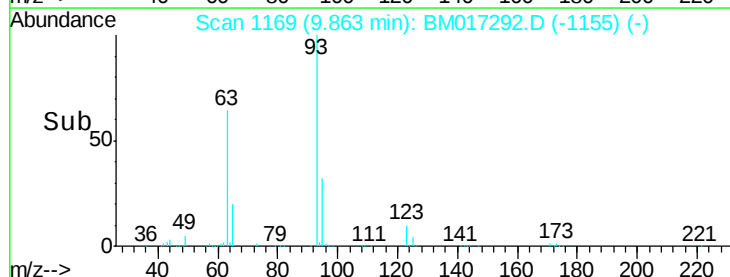
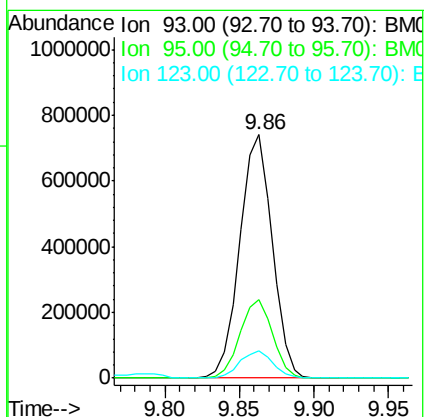
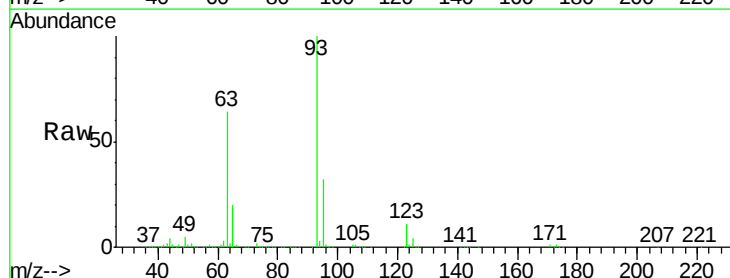
Sohil

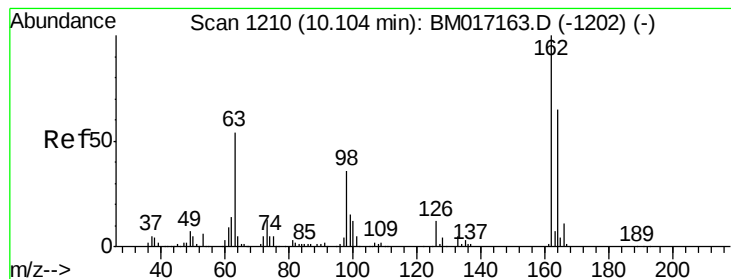
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#28
bis(2-Chloroethoxy)methane
Concen: 51.494 ng
RT: 9.86 min Scan# 1169
Delta R.T. -0.02 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.7	38.5
123	11.4	9.4	14.0





#29

2,4-Dichlorophenol

Concen: 54.937 ng

RT: 10.09 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

Instrument :

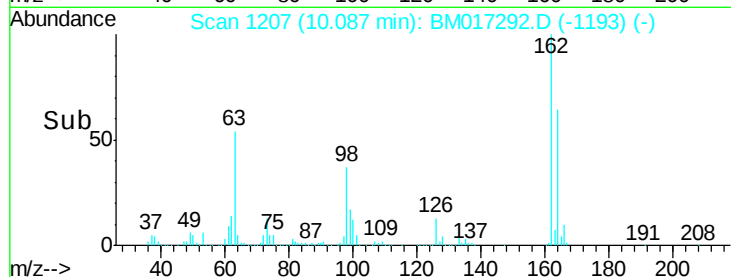
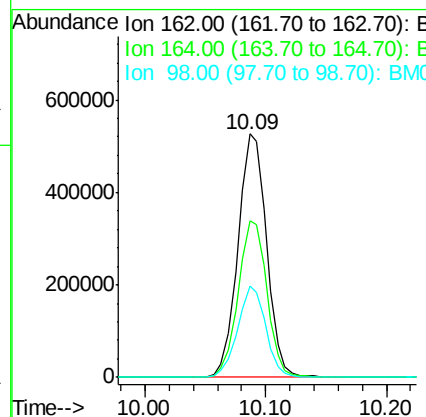
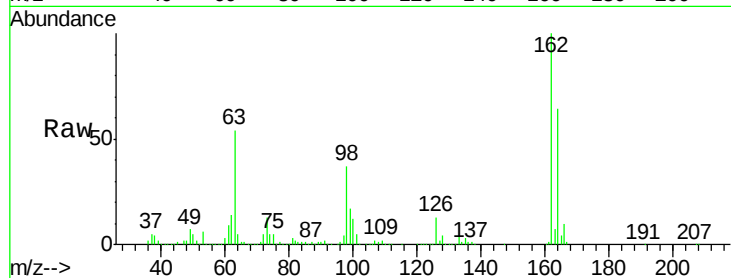
BNA_M

ClientSampleId :

MS-VB-29736-BOX-2MSD

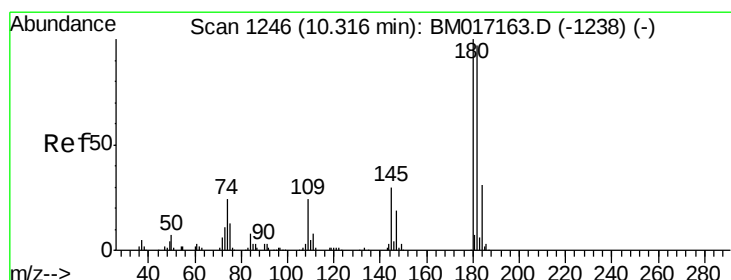
Tgt Ion:	162	Resp:	870499
Ion Ratio	Lower	Upper	
162	100		
164	64.5	44.9	84.9
98	37.2	15.8	55.8

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 45.782 ng

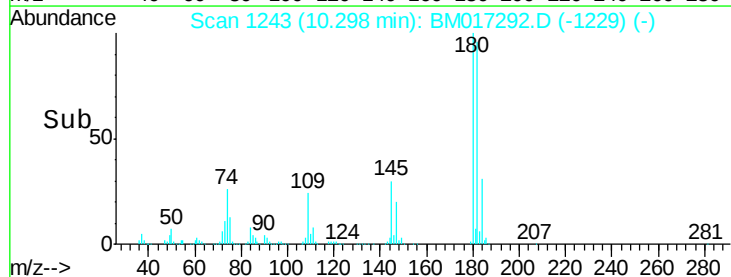
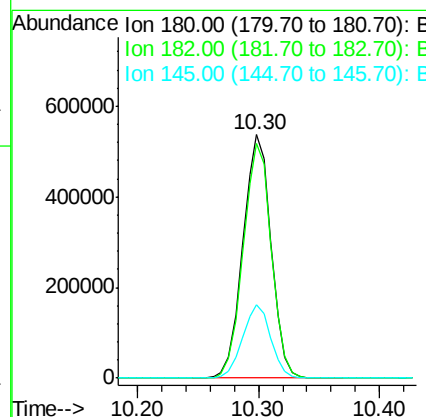
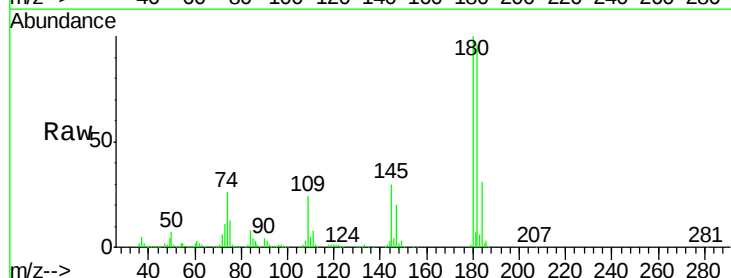
RT: 10.30 min Scan# 1243

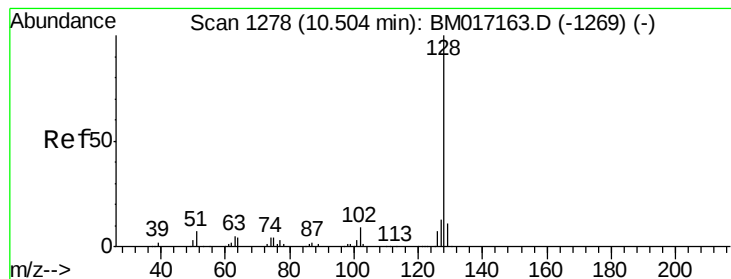
Delta R.T. -0.02 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

Tgt Ion:	180	Resp:	870251
Ion Ratio	Lower	Upper	
180	100		
182	96.2	77.5	116.3
145	30.0	24.0	36.0





#31

Naphthalene

Concen: 49.979 ng

RT: 10.49 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

Instrument :

BNA_M

ClientSampleId :

MS-VB-29736-BOX-2MSD

Tgt Ion:128 Resp: 2677394

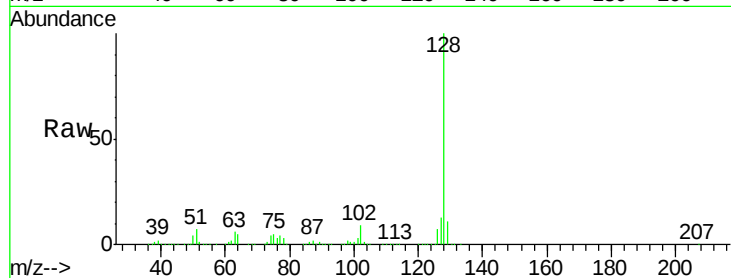
Ion Ratio Lower Upper

128 100

129 10.8 8.5 12.7

127 13.2 10.3 15.5

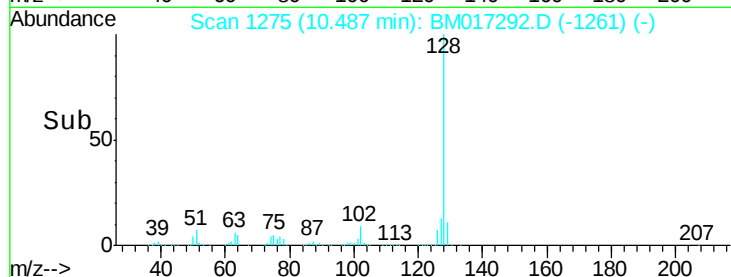
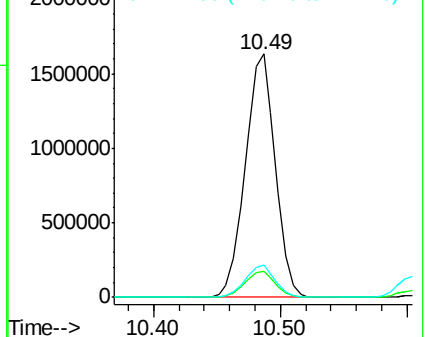
Manual Integrations
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Abundance Ion 128.00 (127.70 to 128.70): E

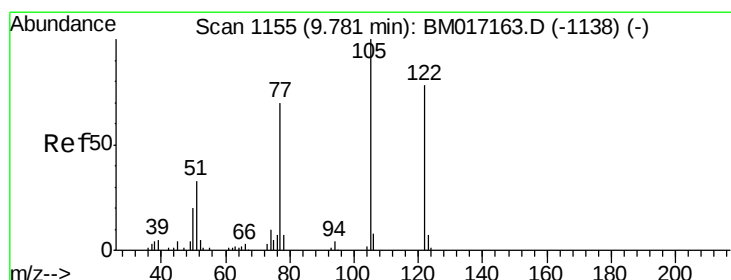
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



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#32

Benzoic acid

Concen: 61.227 ng

RT: 9.79 min Scan# 1156

Delta R.T. 0.01 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

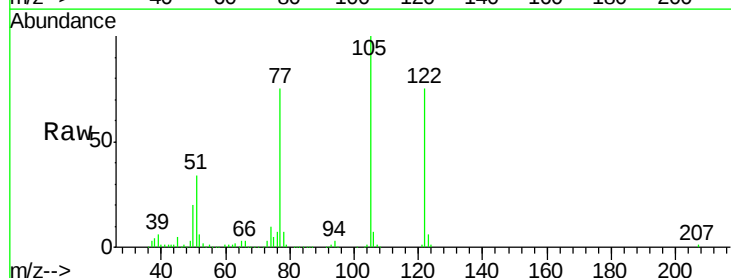
Tgt Ion:122 Resp: 623465

Ion Ratio Lower Upper

122 100

105 132.7 102.0 142.0

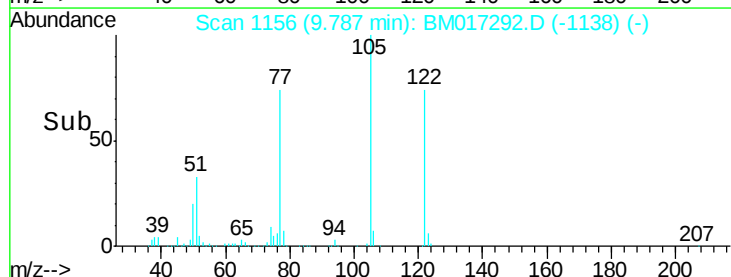
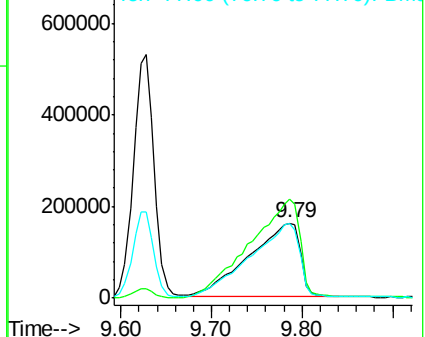
77 98.9 67.7 107.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM



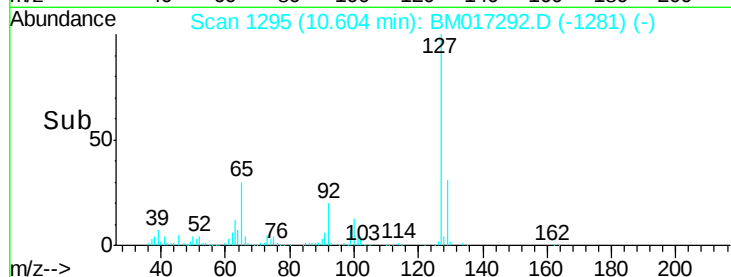
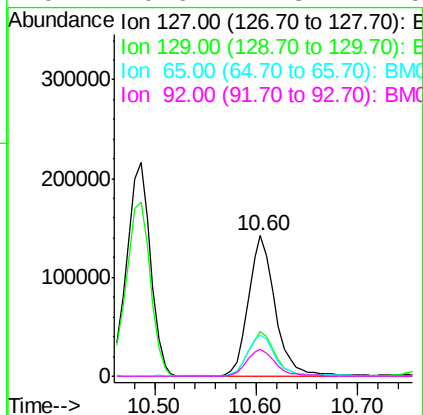
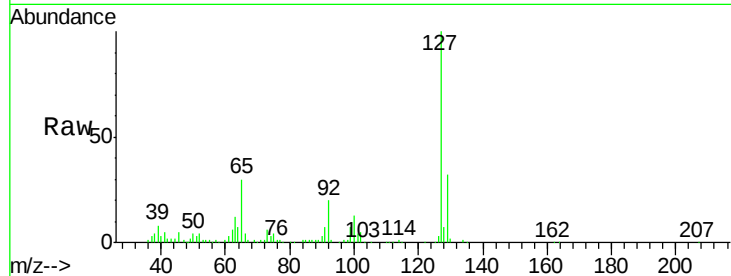


#33
4-Chloroaniline
Concen: 11.310 ng
RT: 10.60 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Instrument :
BNA_M
ClientSampleId :
MS-VB-29736-BOX-2MSD

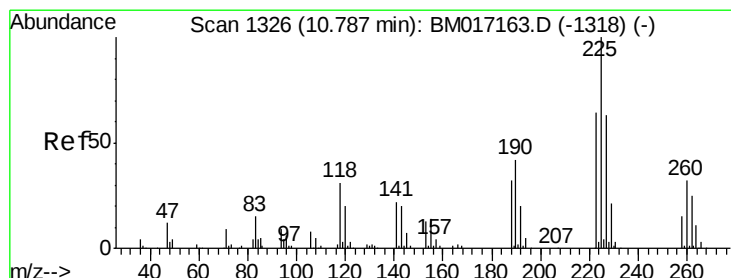
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	261683		
129	31.6	26.2	39.4	
65	29.6	23.7	35.5	
92	19.6	14.3	21.5	

Manual Integrations
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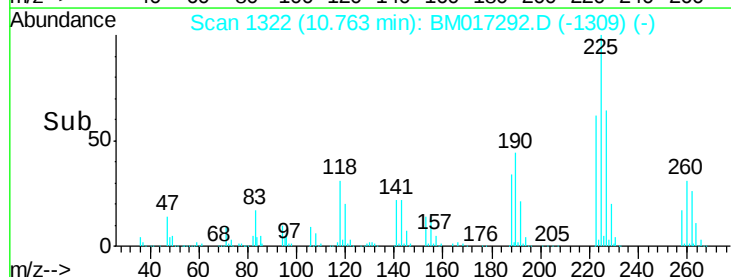
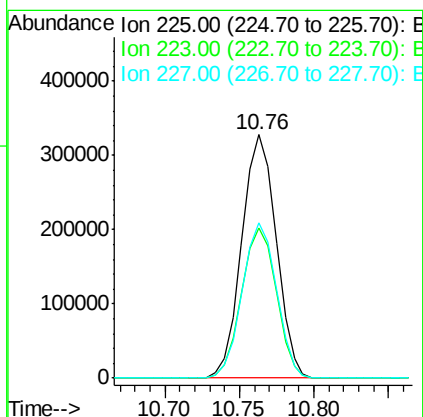
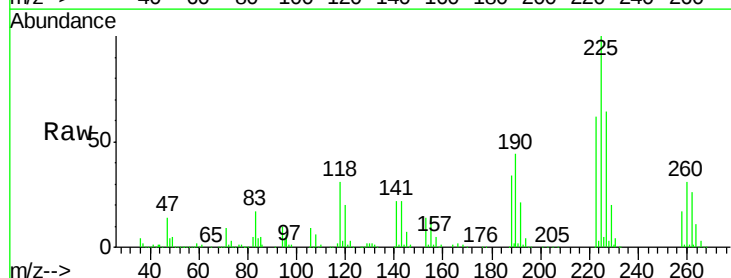
Sohil

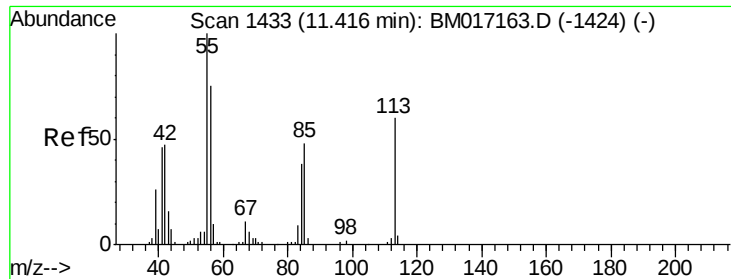
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#34
Hexachlorobutadiene
Concen: 43.572 ng
RT: 10.76 min Scan# 1322
Delta R.T. -0.02 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	524786		
223	61.9	51.0	76.6	
227	63.6	50.8	76.2	





#35

Caprolactam

Concen: 39.620 ng m

RT: 11.41 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

Instrument :

BNA_M

ClientSampleId :

MS-VB-29736-BOX-2MSD

Tgt Ion:113 Resp: 228796

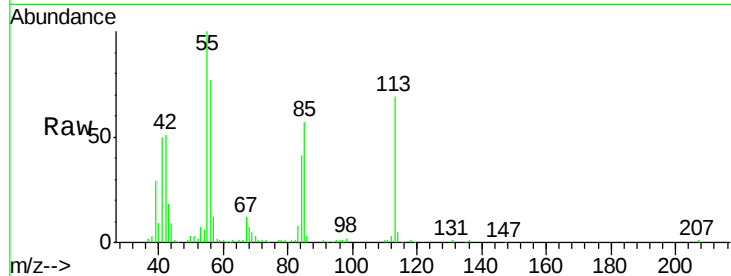
Ion Ratio Lower Upper

113 100

55 145.3 147.0 187.0#

56 112.5 104.5 144.5

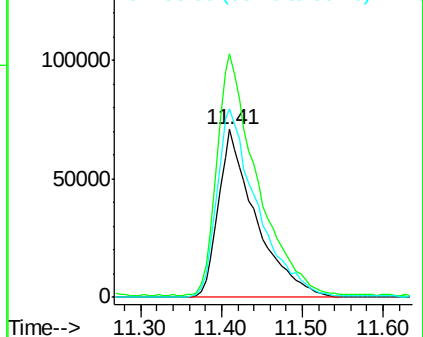
Manual Integrations
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Abundance Ion 113.00 (112.70 to 113.70): E

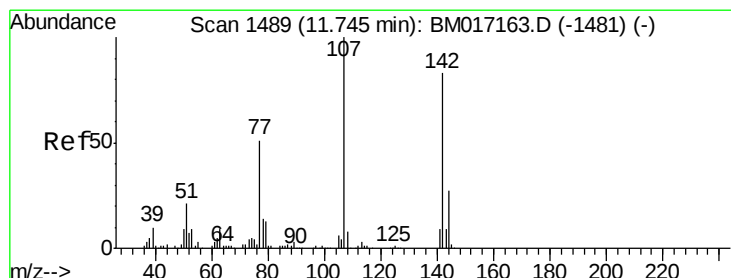
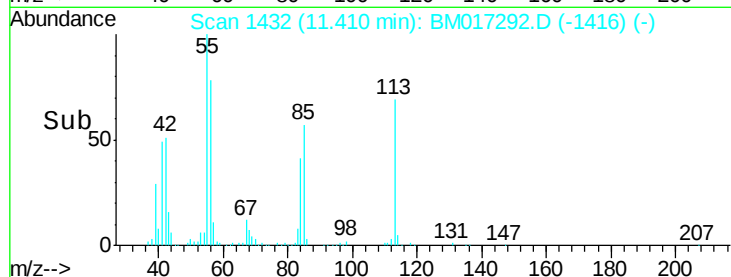
Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



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#36

4-Chloro-3-methylphenol

Concen: 54.994 ng

RT: 11.73 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

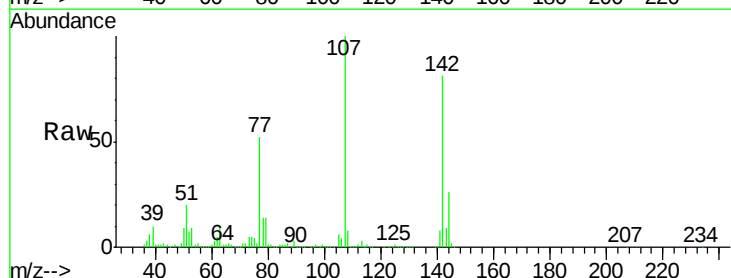
Tgt Ion:107 Resp: 982251

Ion Ratio Lower Upper

107 100

144 25.8 21.6 32.4

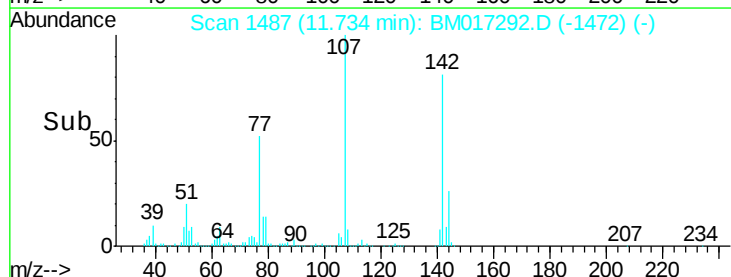
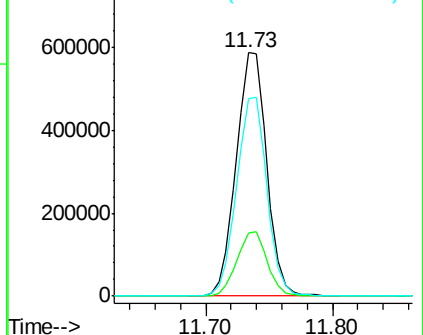
142 81.0 66.0 99.0

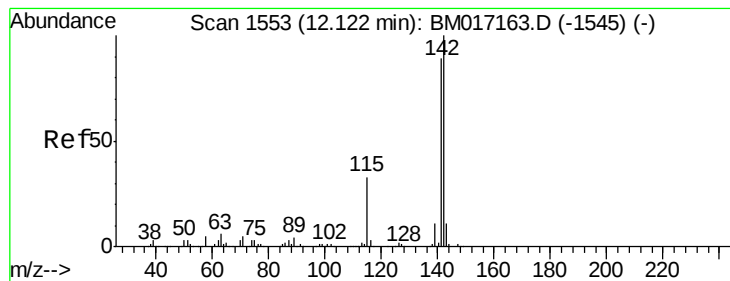


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



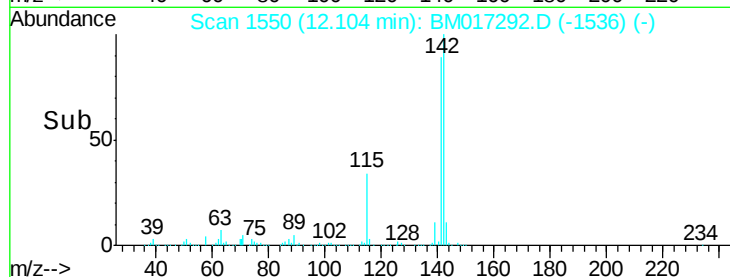
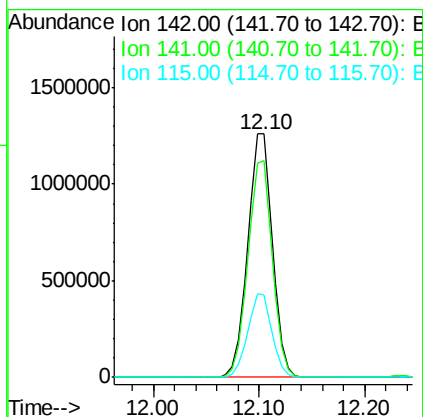
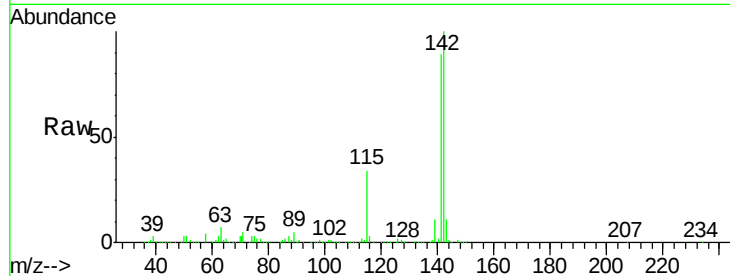


#37
2-Methylnaphthalene
Concen: 56.267 ng
RT: 12.10 min Scan# 1550
Delta R.T. -0.02 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Instrument :
BNA_M
ClientSampleId :
MS-VB-29736-BOX-2MSD

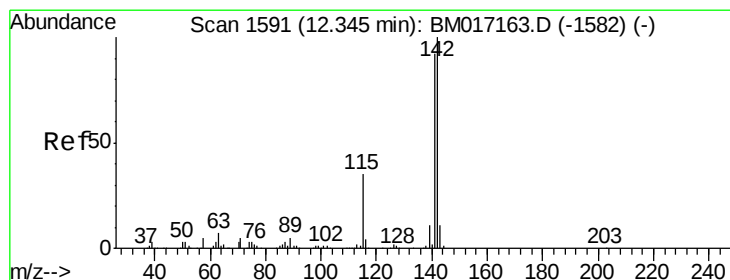
Tgt Ion:142 Resp: 2062672
Ion Ratio Lower Upper
142 100
141 89.0 70.9 106.3
115 33.9 26.4 39.6

Manual Integrations
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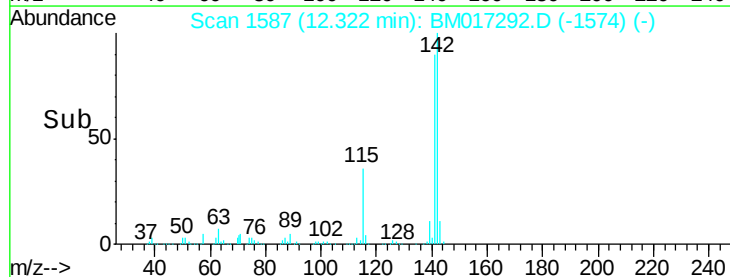
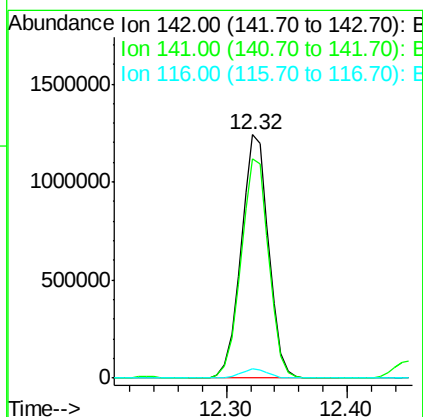
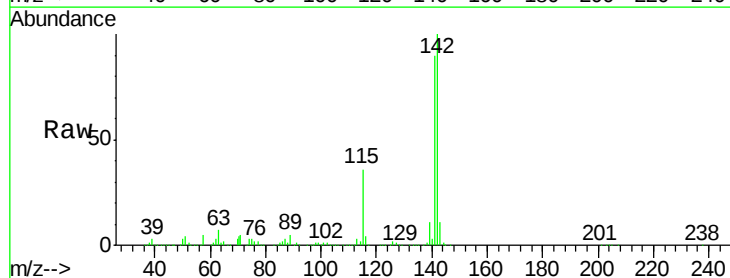
Sohil

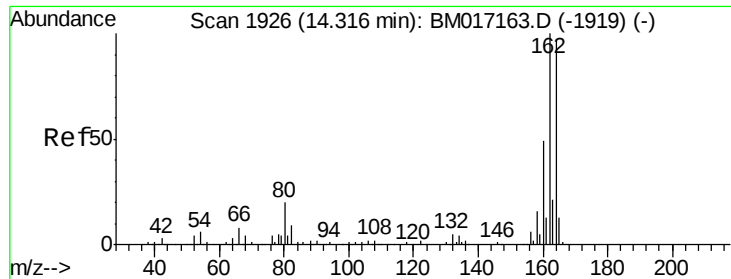
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#38
1-Methylnaphthalene
Concen: 54.870 ng
RT: 12.32 min Scan# 1587
Delta R.T. -0.02 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Tgt Ion:142 Resp: 1957725
Ion Ratio Lower Upper
142 100
141 90.1 73.8 110.6
116 3.8 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.30 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

Instrument :

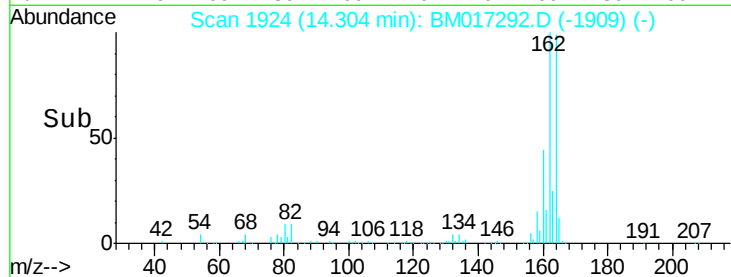
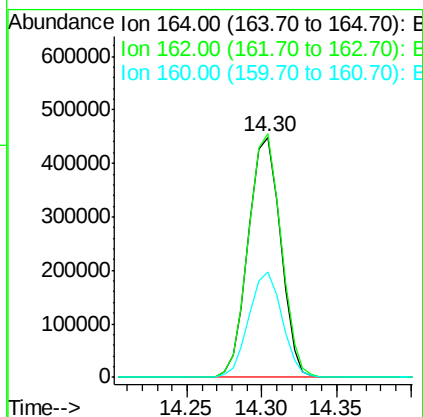
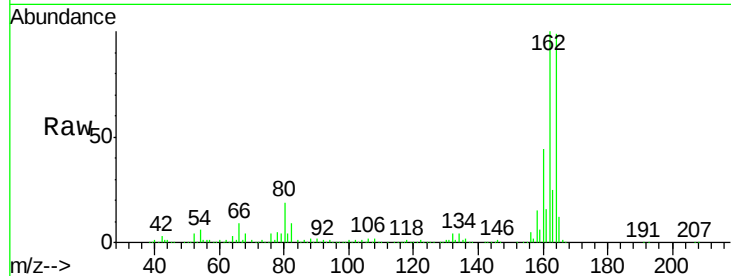
BNA_M

ClientSampleId :

MS-VB-29736-BOX-2MSD

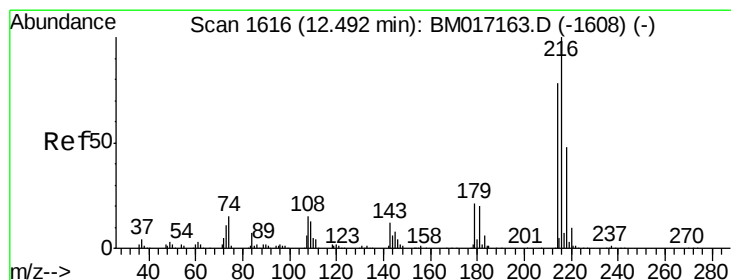
Tgt Ion:	164	Resp:	672473
Ion Ratio	Lower	Upper	
164	100		
162	101.5	82.1	123.1
160	44.2	40.2	60.2

Manual Integrations
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#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.048 ng

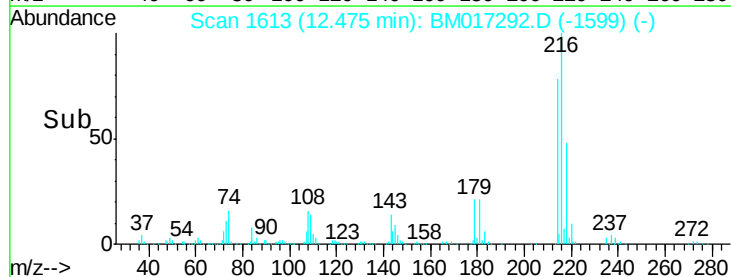
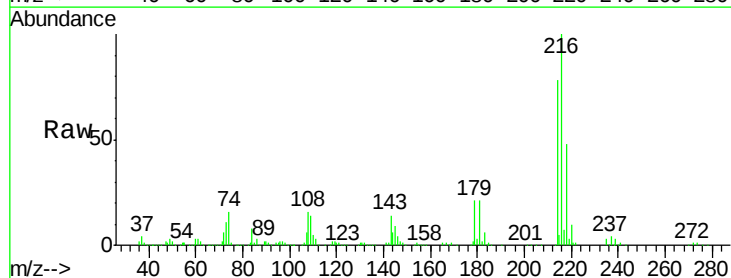
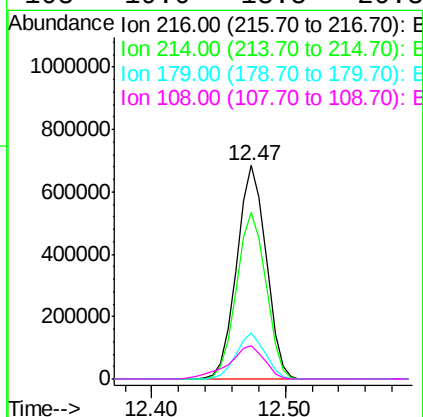
RT: 12.47 min Scan# 1613

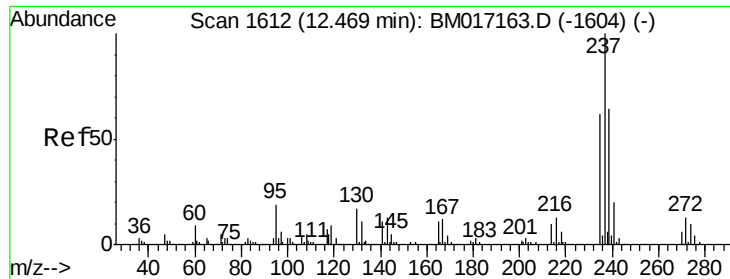
Delta R.T. -0.02 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

Tgt Ion:	216	Resp:	1043151
Ion Ratio	Lower	Upper	
216	100		
214	78.4	62.6	93.8
179	21.0	16.6	24.8
108	19.0	13.5	20.3





#41

Hexachlorocyclopentadiene

Concen: 101.684 ng

RT: 12.45 min Scan# 1609

Delta R.T. -0.02 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

Instrument :

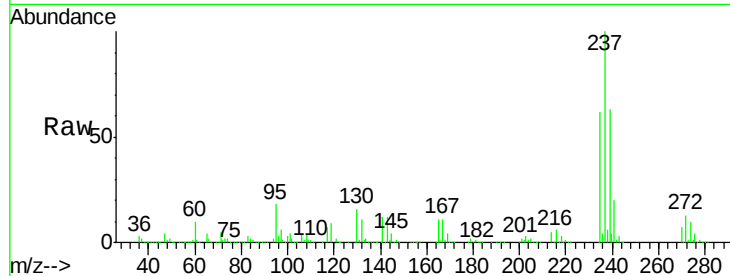
BNA_M

ClientSampleId :

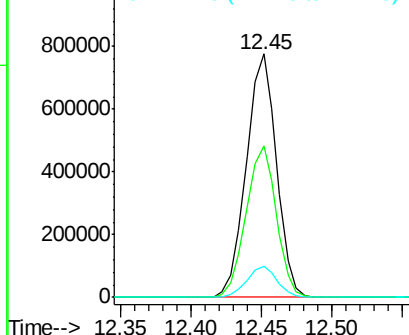
MS-VB-29736-BOX-2MSD

Tgt Ion:	237	Resp:	1164160
Ion Ratio	Lower	Upper	
237	100		
235	62.2	42.4	82.4
272	12.9	0.0	33.0

Manual Integrations
APPROVED

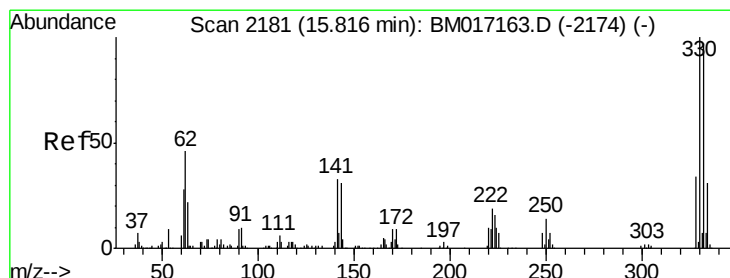
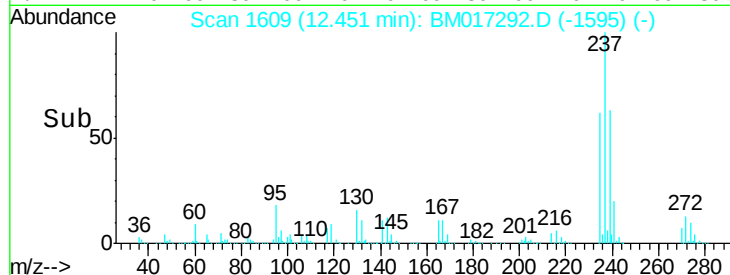


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



Sohil

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#42

2,4,6-Tribromophenol

Concen: 135.364 ng

RT: 15.80 min Scan# 2179

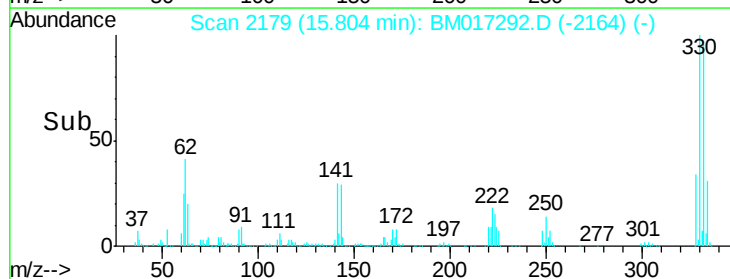
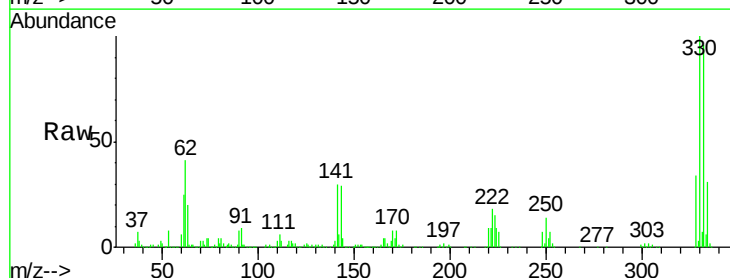
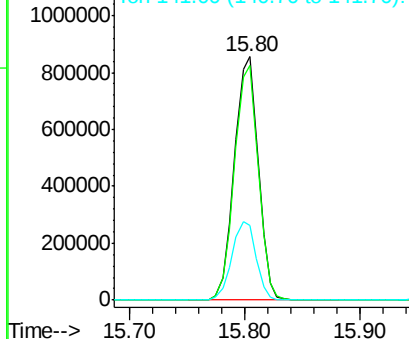
Delta R.T. -0.01 min

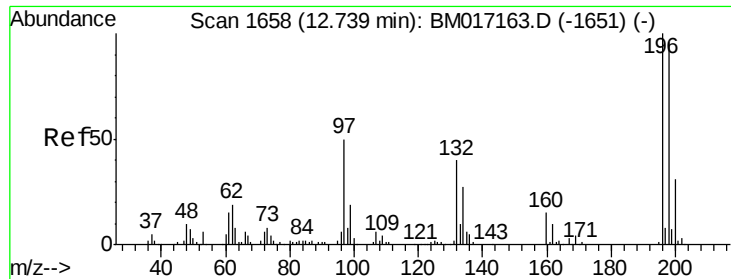
Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

Tgt Ion:	330	Resp:	1231033
Ion Ratio	Lower	Upper	
330	100		
332	96.5	77.3	115.9
141	32.6	27.4	41.0

Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



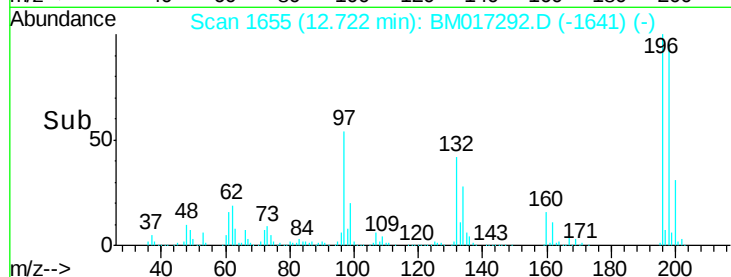
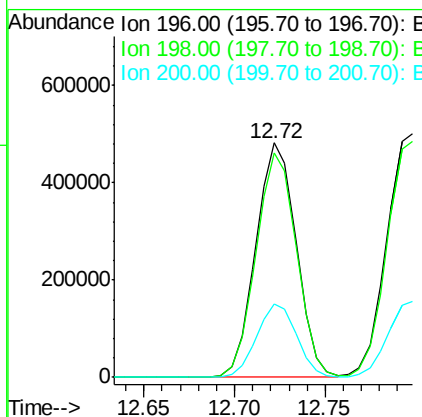
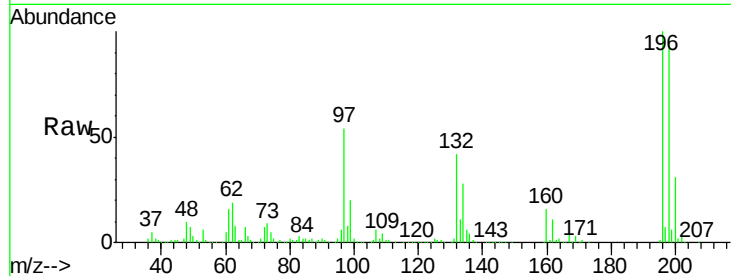


#43
 2,4,6-Trichlorophenol
 Concen: 54.393 ng
 RT: 12.72 min Scan# 1655
 Delta R.T. -0.02 min
 Lab File: BM017292.D
 Acq: 23 Oct 2018 19:39

Instrument :
 BNA_M
 ClientSampleId :
 MS-VB-29736-BOX-2MSD

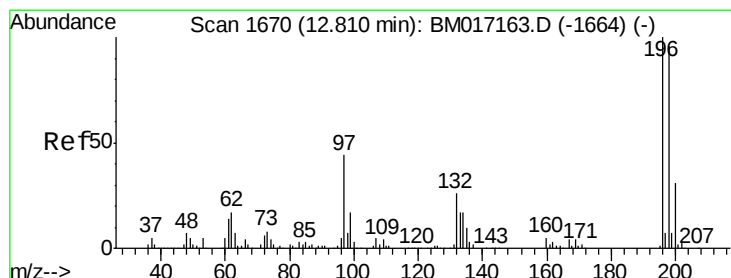
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	747766		
198	95.6	77.1	115.7	
200	31.2	25.0	37.4	

Manual Integrations
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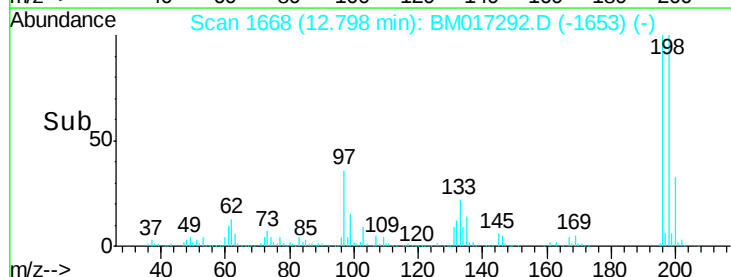
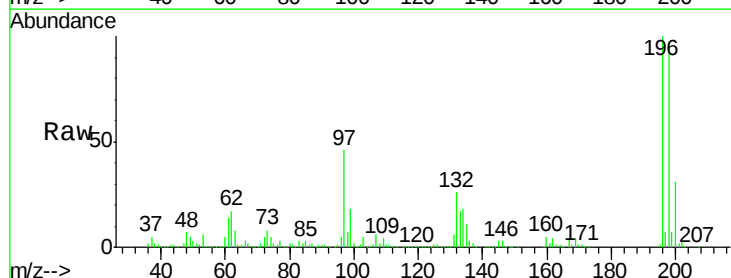
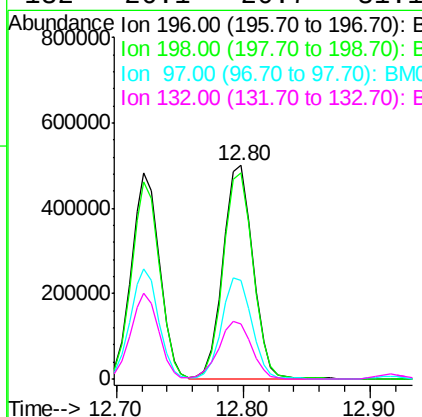
Sohil

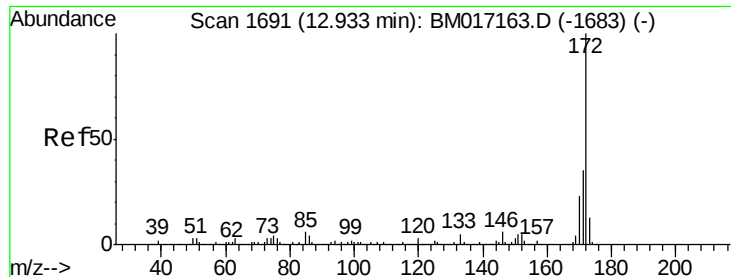
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#44
 2,4,5-Trichlorophenol
 Concen: 55.176 ng
 RT: 12.80 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM017292.D
 Acq: 23 Oct 2018 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	813402		
198	96.8	76.6	115.0	
97	46.3	35.5	53.3	
132	26.1	20.7	31.1	



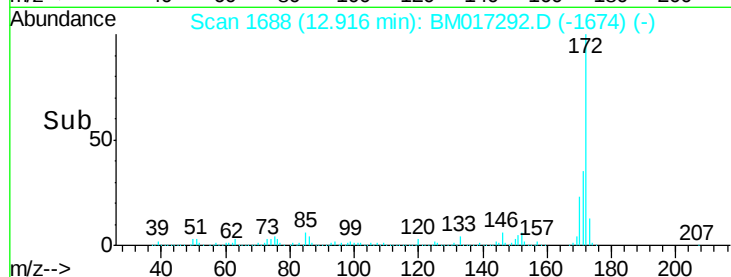
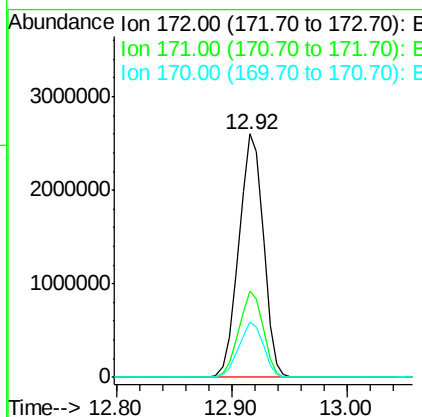
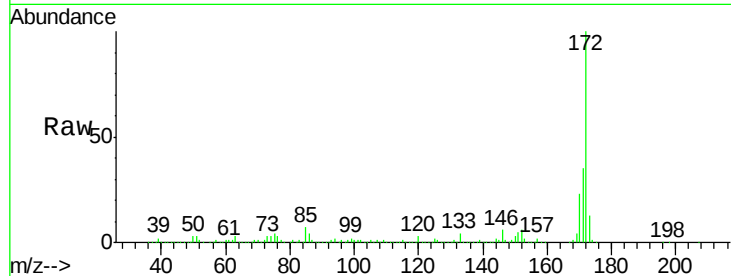


#45
2-Fluorobiphenyl
Concen: 75.740 ng
RT: 12.92 min Scan# 1688
Delta R.T. -0.02 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Instrument :
BNA_M
ClientSampleId :
MS-VB-29736-BOX-2MSD

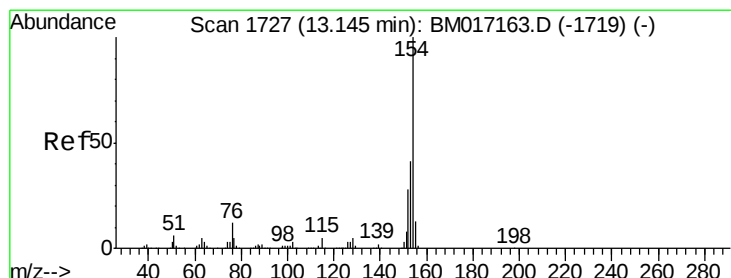
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.3	42.5
170	22.9	18.3	27.5

Manual Integrations
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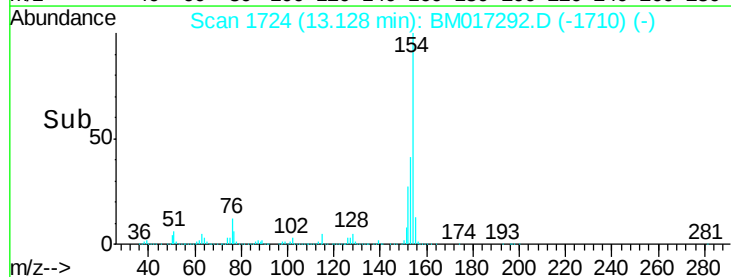
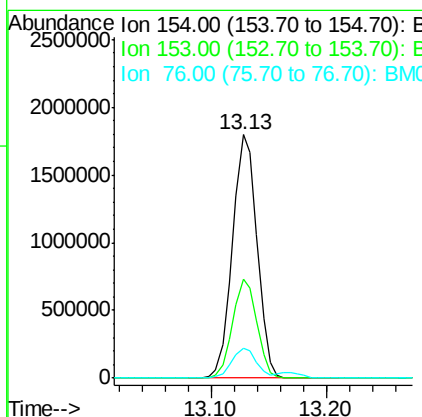
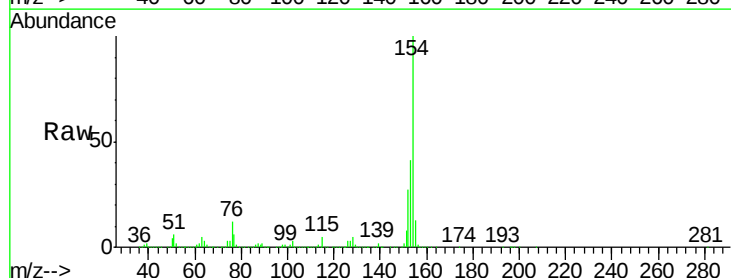
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#46
1,1'-Biphenyl
Concen: 43.571 ng
RT: 13.13 min Scan# 1724
Delta R.T. -0.02 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.5	60.5
76	12.4	0.0	31.8



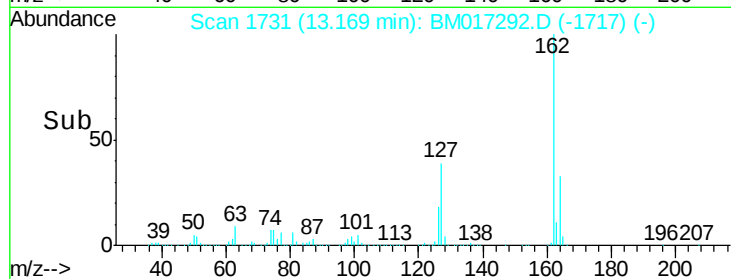
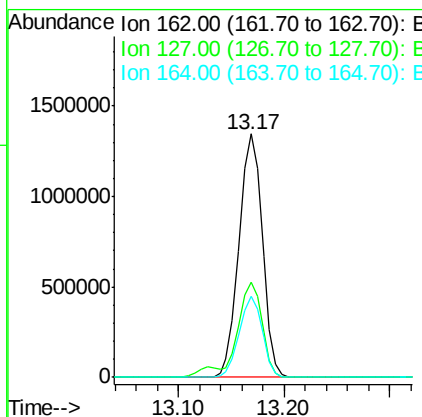
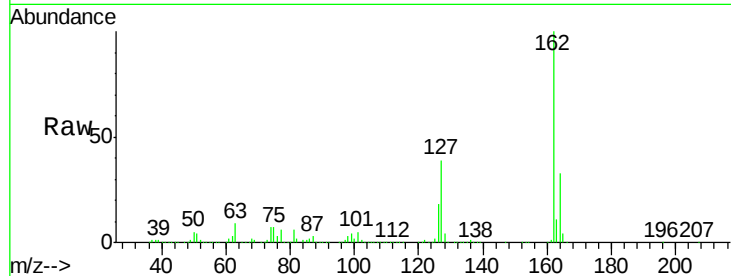


#47
2-Chloronaphthalene
Concen: 46.174 ng
RT: 13.17 min Scan# 1731
Delta R.T. -0.02 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Instrument :
BNA_M
ClientSampleId :
MS-VB-29736-BOX-2MSD

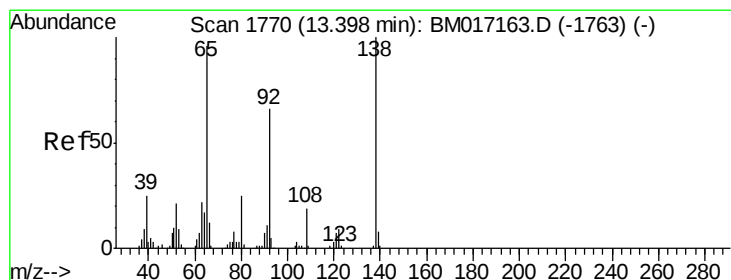
Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.1	31.0	46.4
164	33.3	26.6	39.8

Manual Integrations
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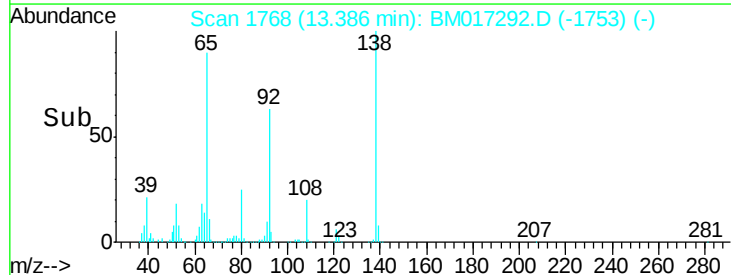
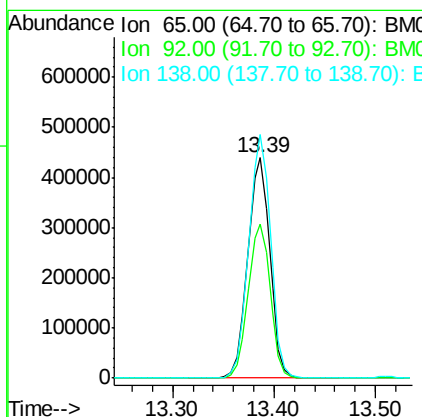
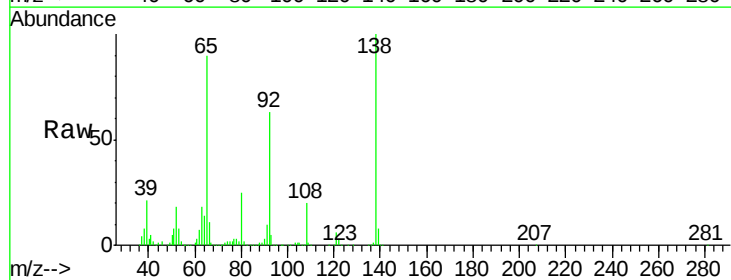
Sohil

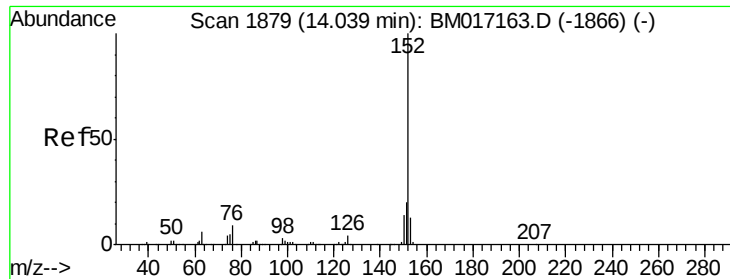
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#48
2-Nitroaniline
Concen: 52.556 ng
RT: 13.39 min Scan# 1768
Delta R.T. -0.01 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.8	54.9	82.3
138	110.6	83.7	125.5





#49

Acenaphthylene

Concen: 53.243 ng

RT: 14.02 min Scan# 1876

Delta R.T. -0.02 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

Instrument :

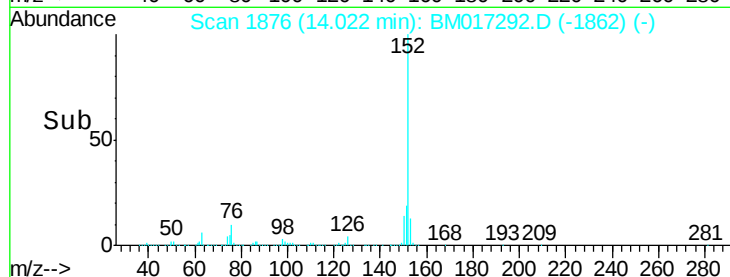
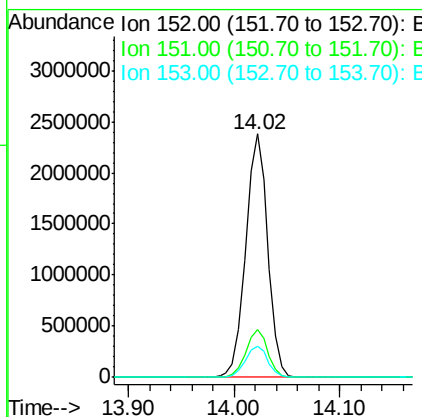
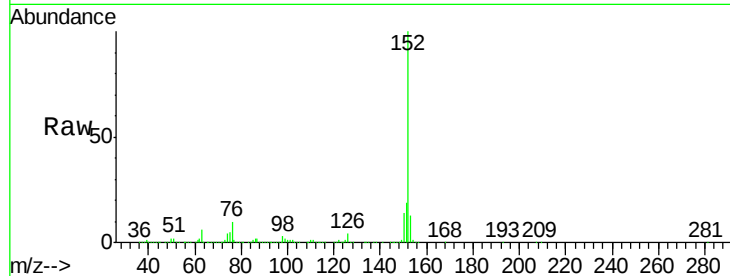
BNA_M

ClientSampleId :

MS-VB-29736-BOX-2MSD

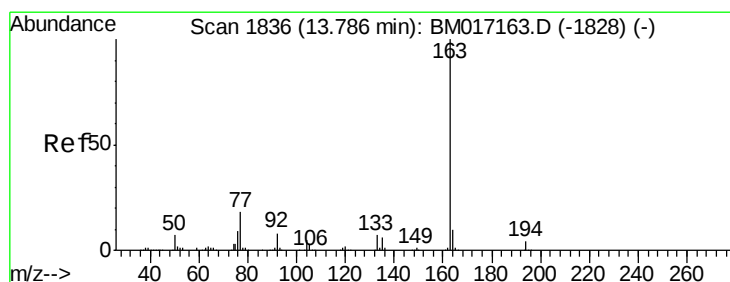
Tgt Ion:	152	Resp:	3435832
Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.0	24.0
153	13.0	10.4	15.6

Manual Integrations
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#50

Dimethylphthalate

Concen: 53.056 ng

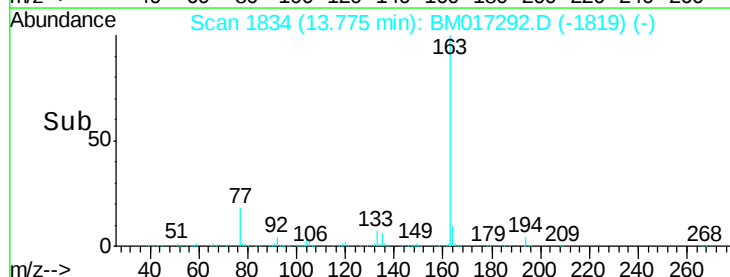
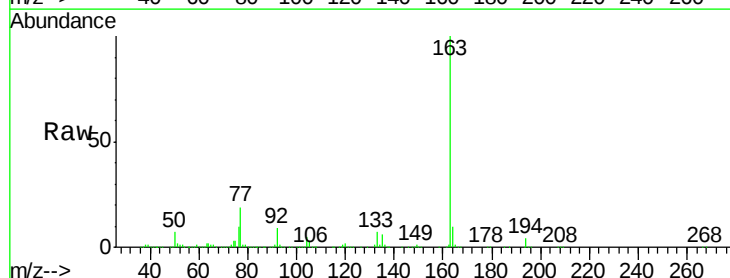
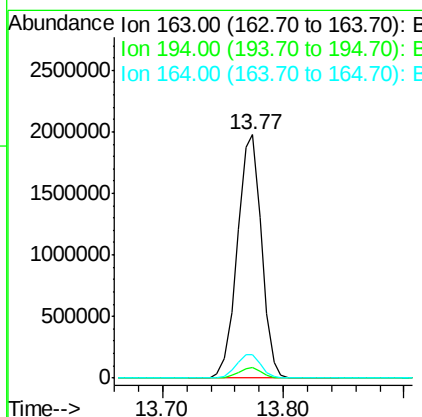
RT: 13.77 min Scan# 1834

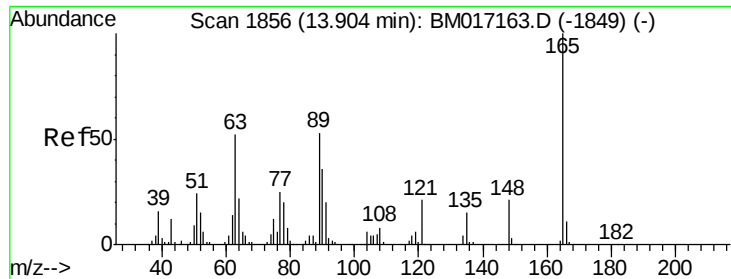
Delta R.T. -0.01 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

Tgt Ion:	163	Resp:	2752624
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	9.9	7.8	11.8



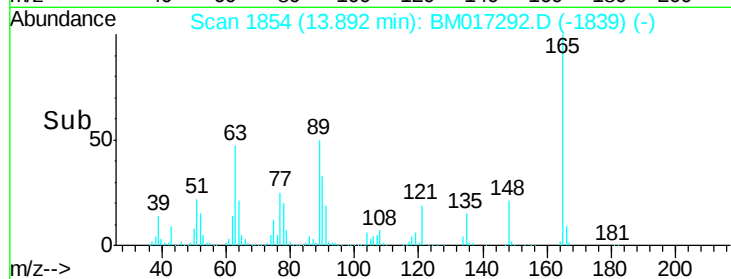
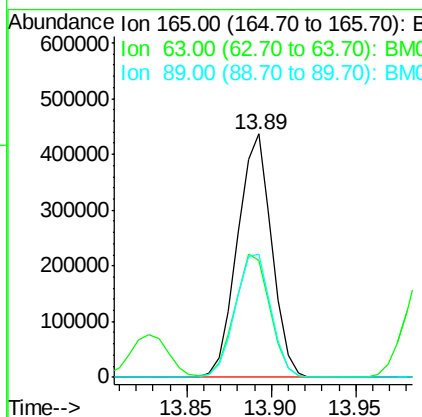
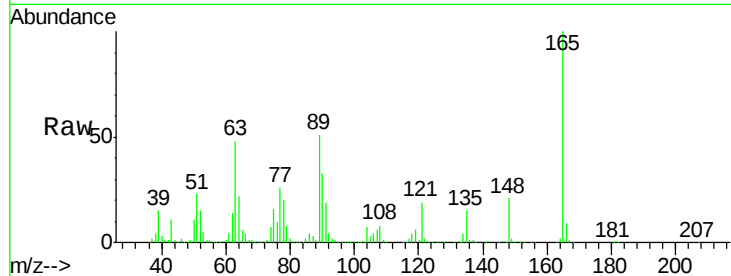


#51
 2,6-Dinitrotoluene
 Concen: 53.942 ng
 RT: 13.89 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BM017292.D
 Acq: 23 Oct 2018 19:39

Instrument :
 BNA_M
 ClientSampleId :
 MS-VB-29736-BOX-2MSD

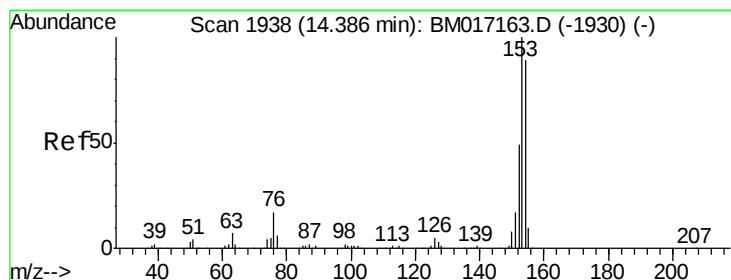
Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	48.3	42.7	64.1
89	50.6	42.1	63.1

Manual Integrations
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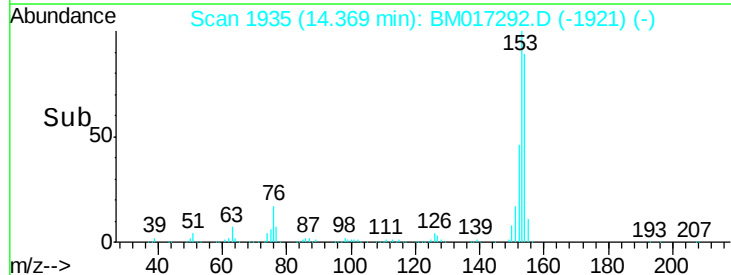
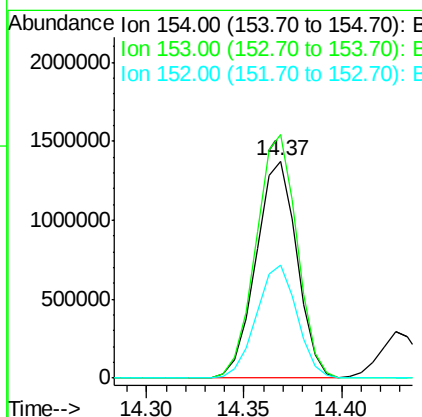
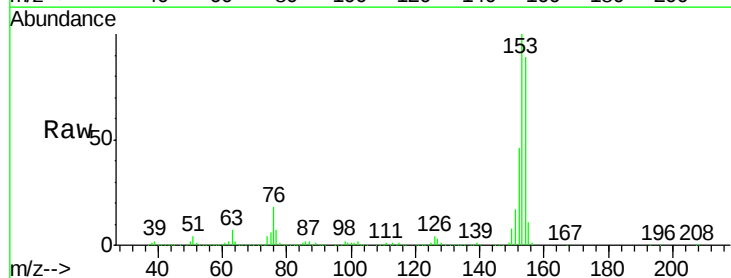
Sohil

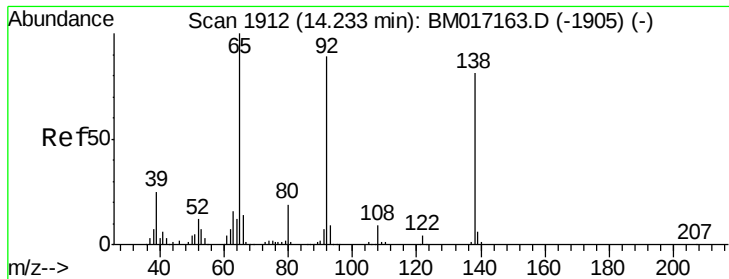
10/24/2018 10:57:29 AM



#52
 Acenaphthene
 Concen: 49.233 ng
 RT: 14.37 min Scan# 1935
 Delta R.T. -0.02 min
 Lab File: BM017292.D
 Acq: 23 Oct 2018 19:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	112.2	90.2	135.2
152	52.1	44.2	66.4



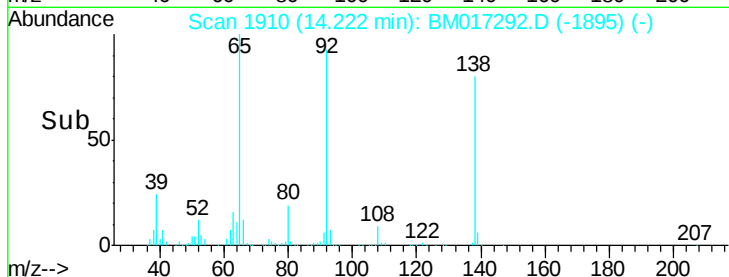
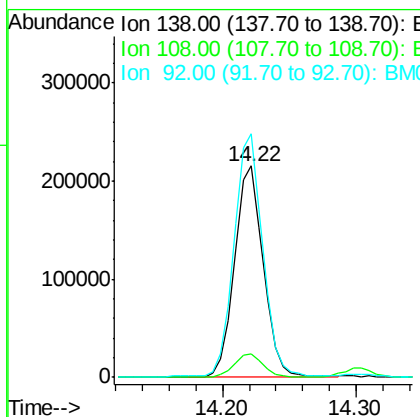
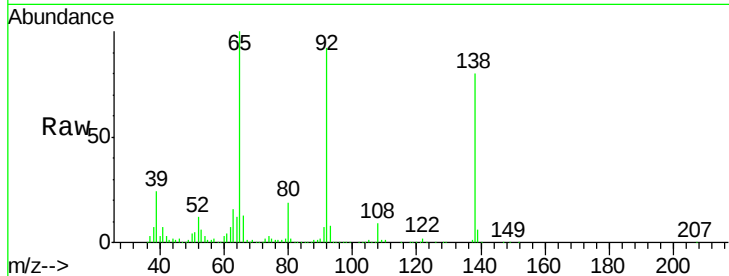


#53
3-Nitroaniline
Concen: 26.220 ng
RT: 14.22 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Instrument :
BNA_M
ClientSampleId :
MS-VB-29736-BOX-2MSD

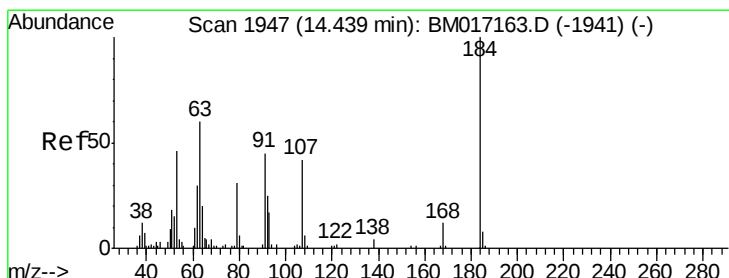
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	324273		
108	11.3	8.7	13.1	
92	115.1	87.9	131.9	

Manual Integrations
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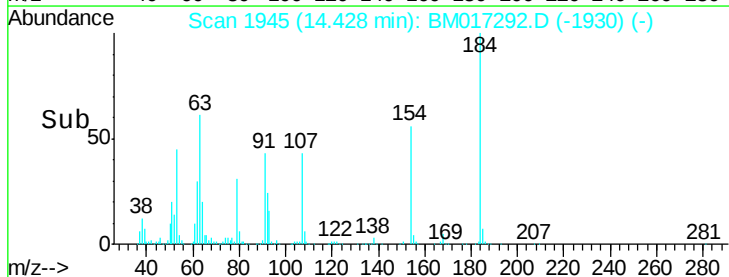
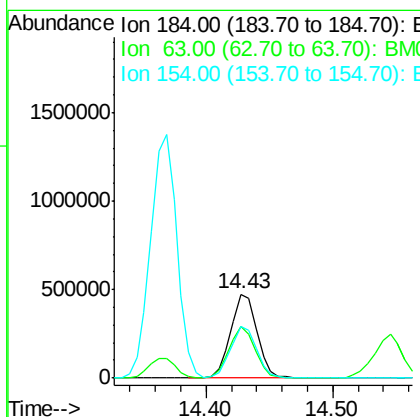
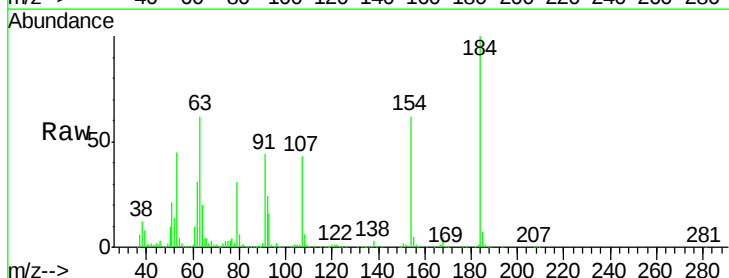
Sohil

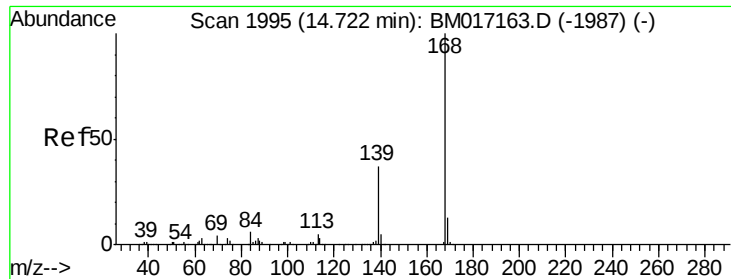
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#54
2,4-Dinitrophenol
Concen: 99.938 ng
RT: 14.43 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	684785		
63	62.0	51.2	76.8	
154	61.8	47.8	71.8	



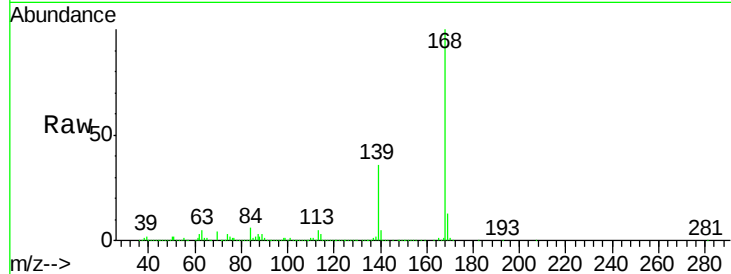


#55
Dibenzenofuran
Concen: 47.923 ng
RT: 14.70 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

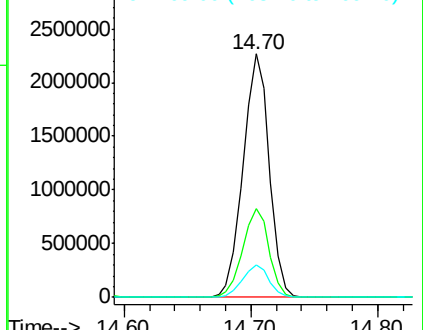
Instrument :
BNA_M
ClientSampleId :
MS-VB-29736-BOX-2MSD

Tgt Ion:168 Resp: 3228970
Ion Ratio Lower Upper
168 100
139 36.2 29.3 43.9
169 13.1 10.6 15.8

Manual Integrations
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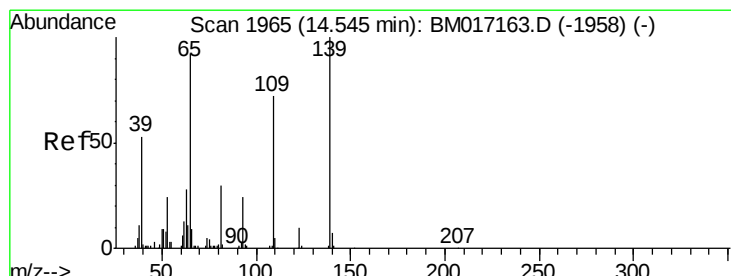
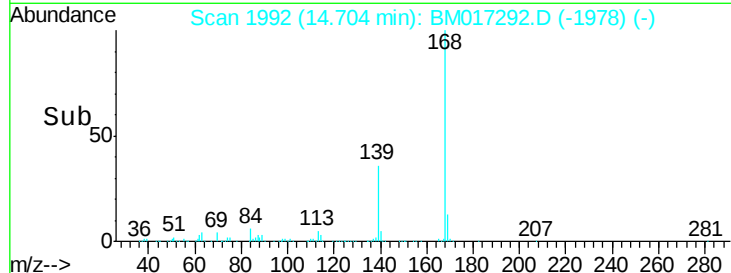


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



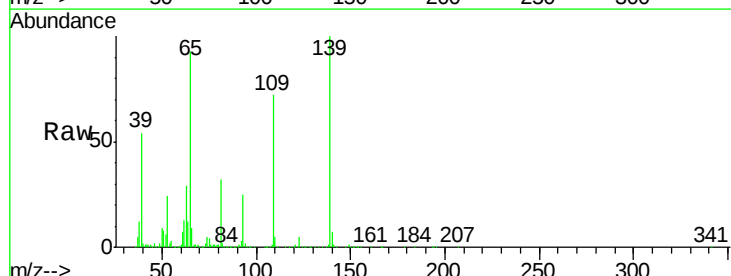
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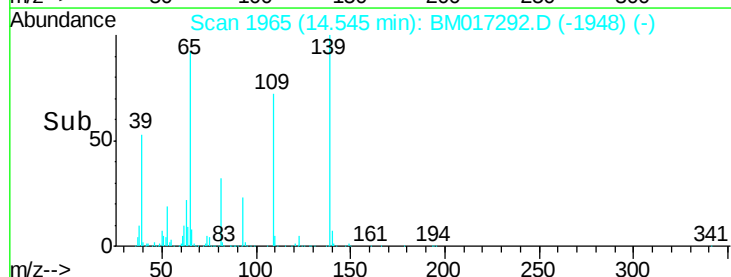
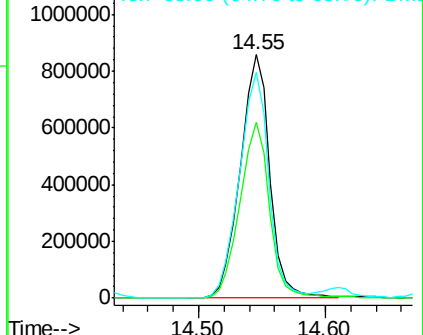


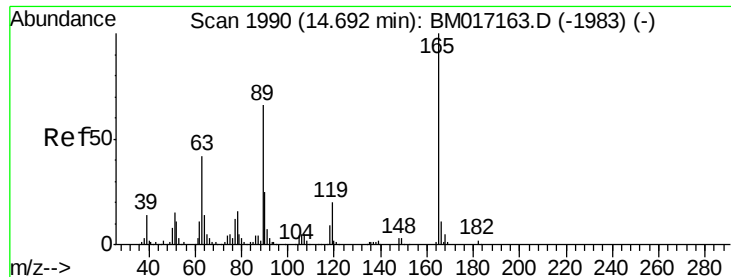
#56
4-Nitrophenol
Concen: 120.951 ng
RT: 14.55 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Tgt Ion:139 Resp: 1392207
Ion Ratio Lower Upper
139 100
109 72.4 51.8 91.8
65 92.7 72.1 112.1



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E



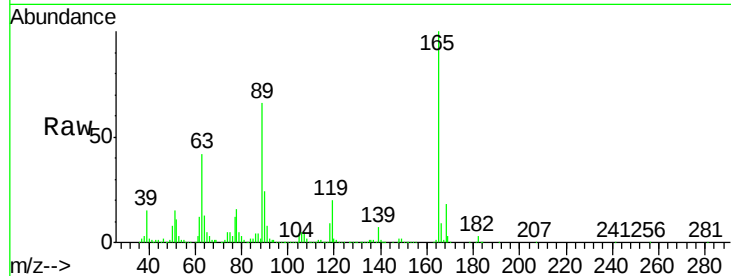


#57
 2,4-Dinitrotoluene
 Concen: 57.534 ng
 RT: 14.68 min Scan# 1988
 Delta R.T. -0.01 min
 Lab File: BM017292.D
 Acq: 23 Oct 2018 19:39

Instrument :
 BNA_M
 ClientSampleId :
 MS-VB-29736-BOX-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	883009		
63	41.9	33.8	50.8	
89	66.0	53.1	79.7	
182	3.1	2.0	3.0	

Manual Integrations
 APPROVED



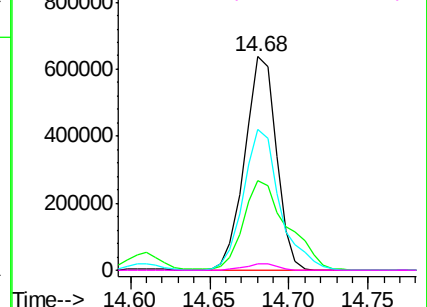
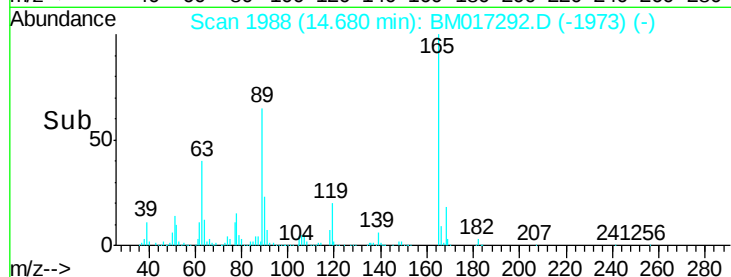
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

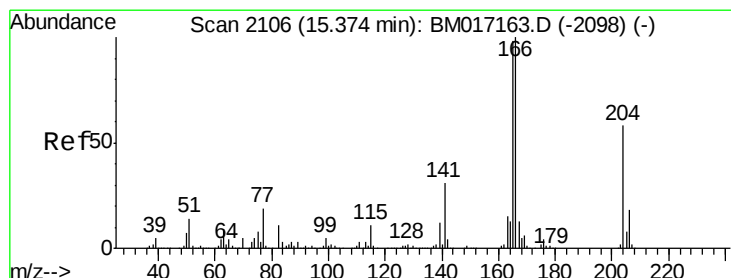
Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



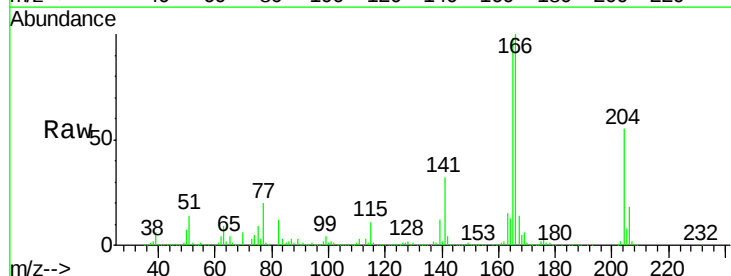
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#58
 Fluorene
 Concen: 52.969 ng
 RT: 15.36 min Scan# 2103
 Delta R.T. -0.02 min
 Lab File: BM017292.D
 Acq: 23 Oct 2018 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2641695		
165	98.0	78.1	117.1	
167	13.6	10.6	16.0	

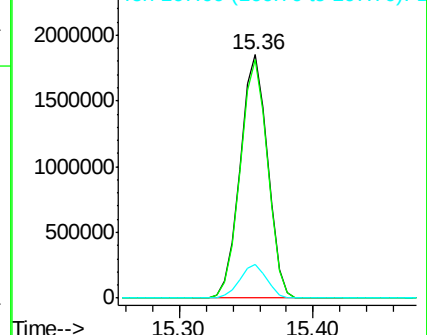
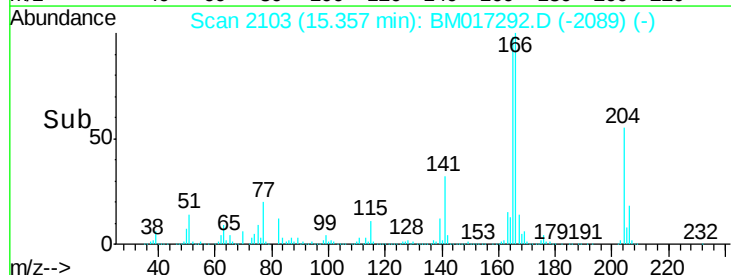


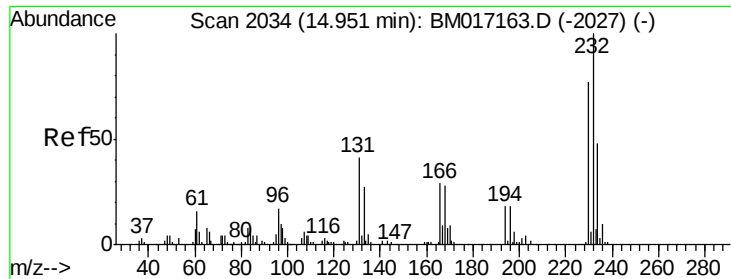
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



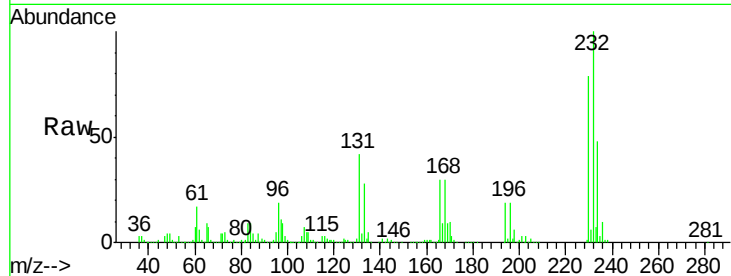


#59
2,3,4,6-Tetrachlorophenol
Concen: 58.201 ng
RT: 14.93 min Scan# 2031
Delta R.T. -0.02 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

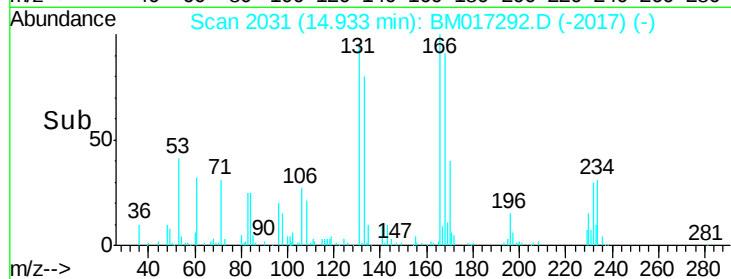
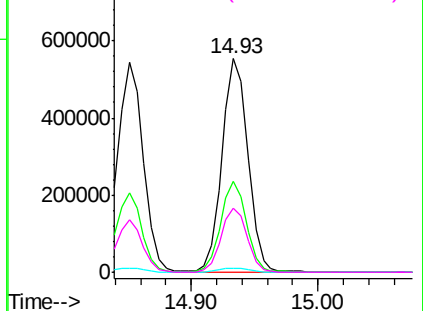
Instrument :
BNA_M
ClientSampleId :
MS-VB-29736-BOX-2MSD

Tgt Ion	Ratio	Lower	Upper
232	100		
131	42.1	33.1	49.7
130	2.2	1.7	2.5
166	30.2	24.4	36.6

Manual Integrations
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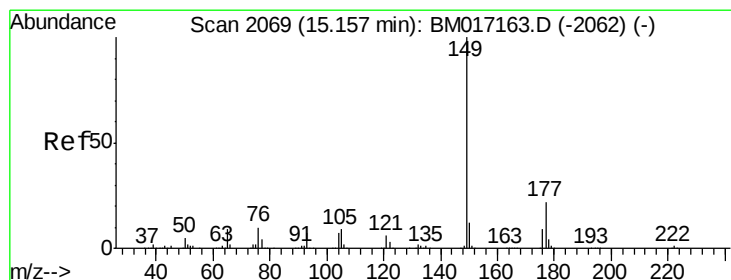


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E



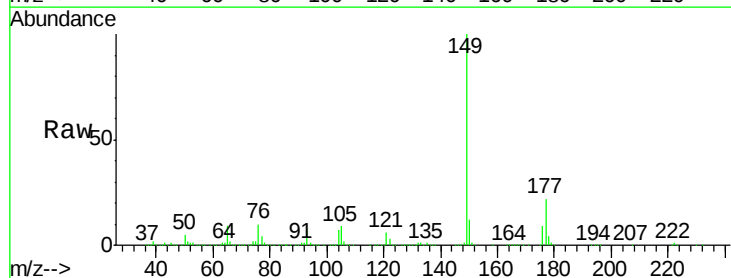
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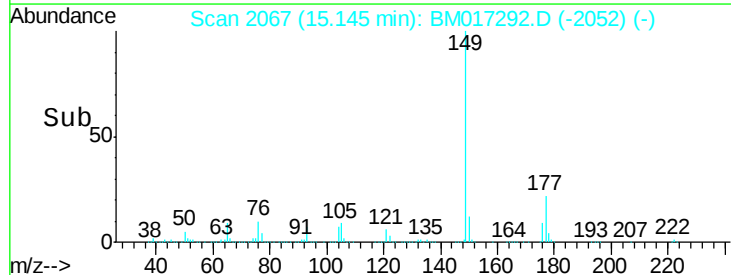
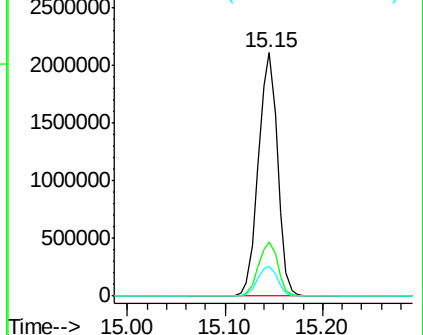


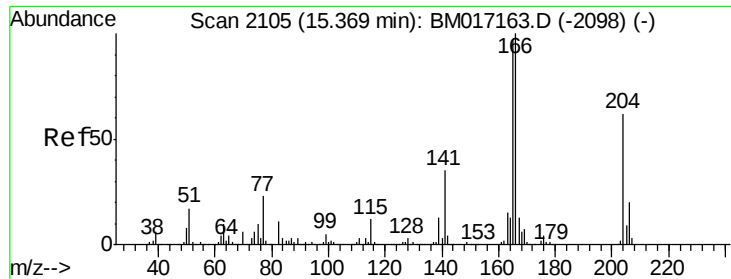
#60
Diethylphthalate
Concen: 56.219 ng
RT: 15.15 min Scan# 2067
Delta R.T. -0.01 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.7	26.5
150	12.5	10.0	15.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



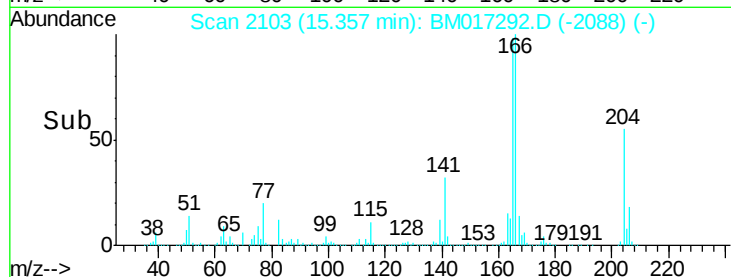
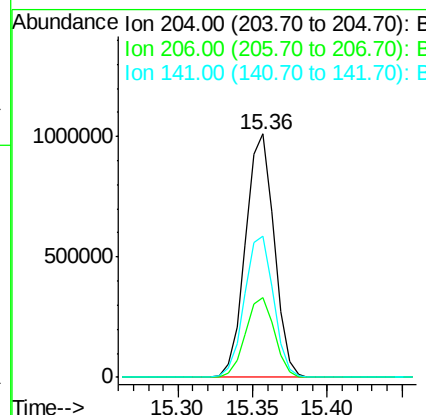
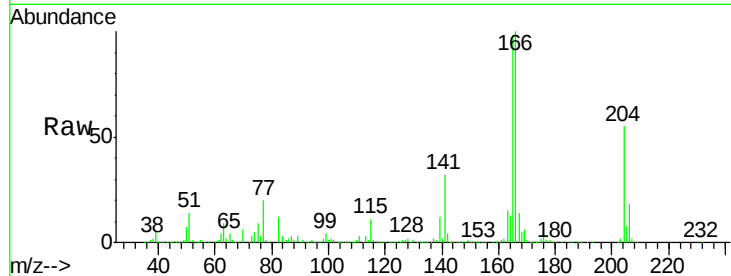


#61
4-Chlorophenyl-phenylether
Concen: 47.263 ng
RT: 15.36 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Instrument :
BNA_M
ClientSampleId :
MS-VB-29736-BOX-2MSD

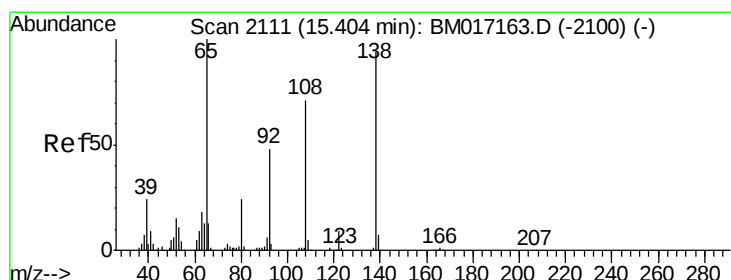
Tgt Ion:204 Resp: 1343769
Ion Ratio Lower Upper
204 100
206 32.7 26.1 39.1
141 57.9 45.4 68.2

Manual Integrations
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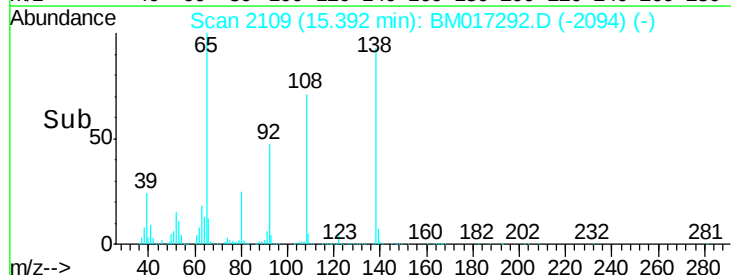
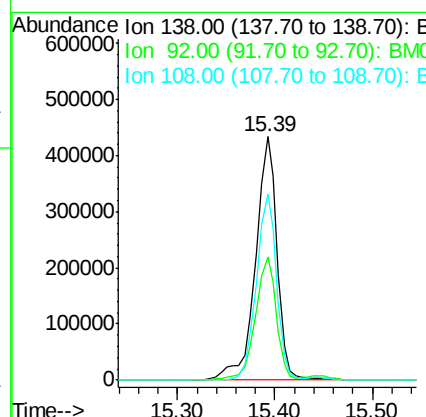
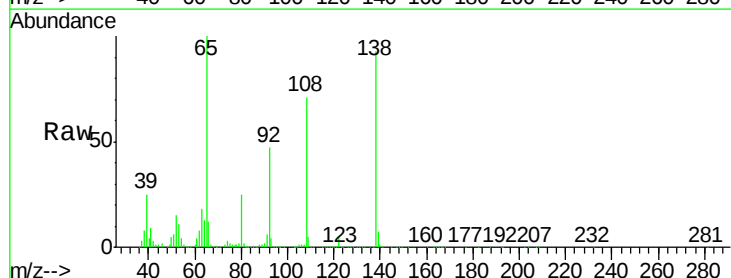
Sohil

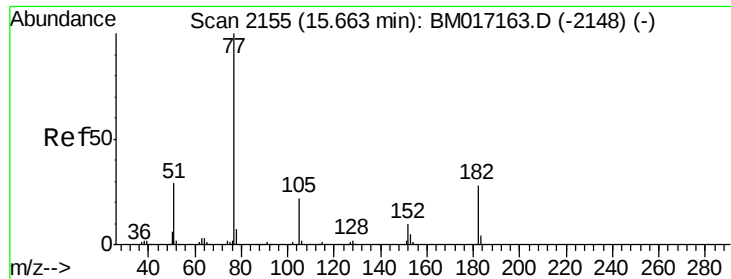
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#62
4-Nitroaniline
Concen: 49.021 ng
RT: 15.39 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Tgt Ion:138 Resp: 678121
Ion Ratio Lower Upper
138 100
92 50.6 31.2 71.2
108 76.6 55.5 95.5



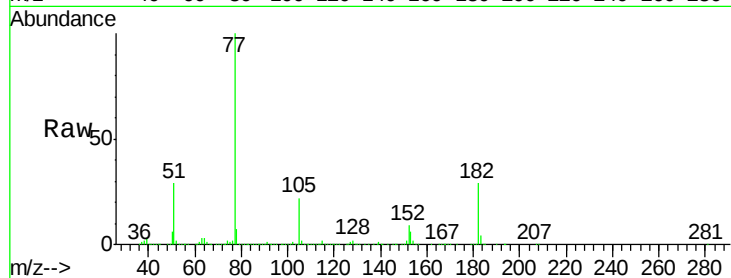


#63
Azobenzene
Concen: 50.954 ng
RT: 15.65 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Instrument :
BNA_M
ClientSampleId :
MS-VB-29736-BOX-2MSD

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.8	8.3	48.3
105	21.7	1.5	41.5
51	28.9	8.8	48.8

Manual Integrations
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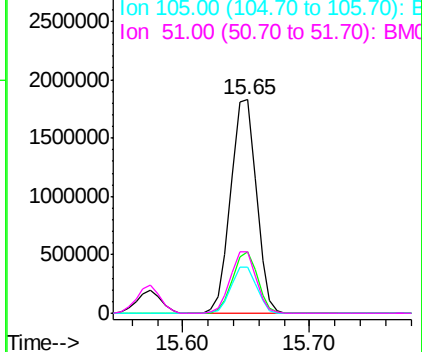


Abundance Ion 77.00 (76.70 to 77.70): BM017292.D (-2138) (-)

Ion 182.00 (181.70 to 182.70): BM017292.D (-2138) (-)

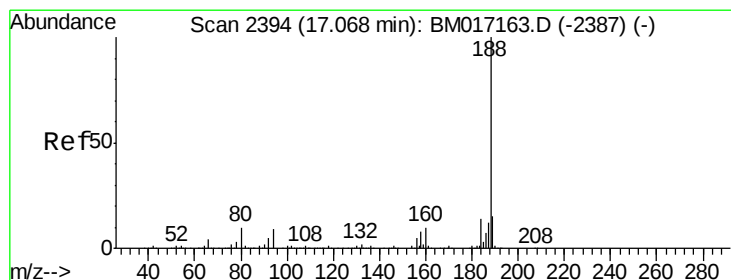
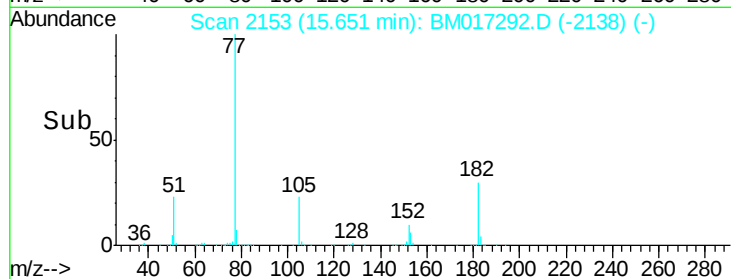
Ion 105.00 (104.70 to 105.70): BM017292.D (-2138) (-)

Ion 51.00 (50.70 to 51.70): BM017292.D (-2138) (-)



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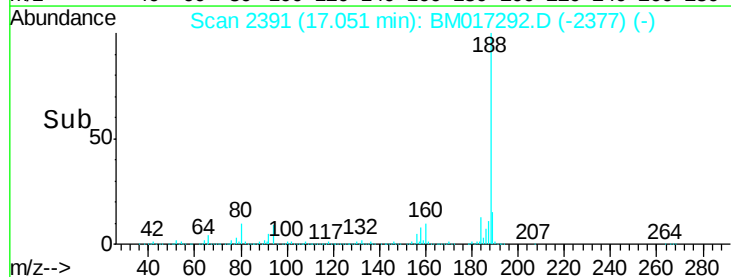
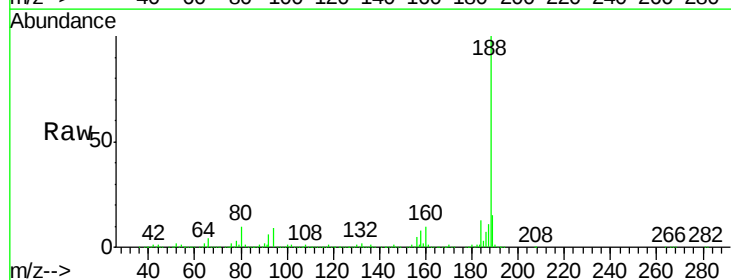
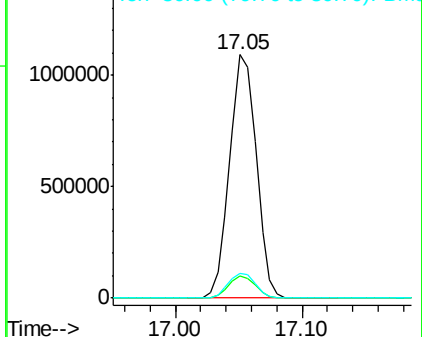
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2391
Delta R.T. -0.02 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

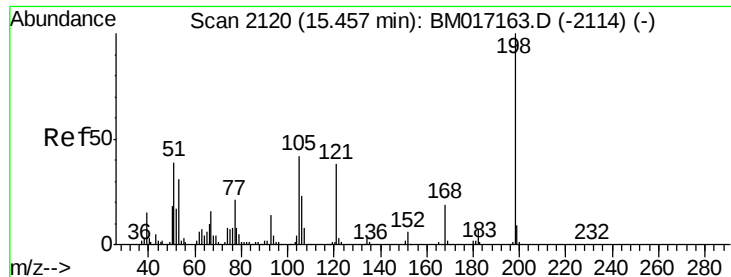
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.0	10.4
80	10.0	7.7	11.5

Abundance Ion 188.00 (187.70 to 188.70): BM017292.D (-2377) (-)

Ion 94.00 (93.70 to 94.70): BM017292.D (-2377) (-)

Ion 80.00 (79.70 to 80.70): BM017292.D (-2377) (-)



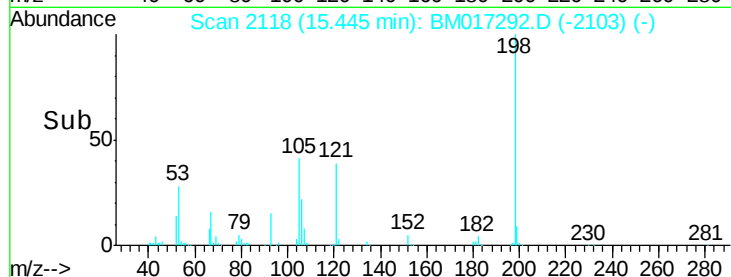
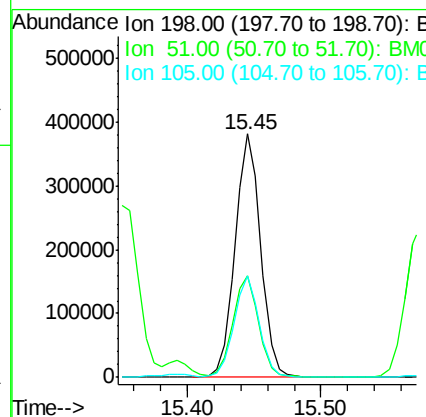
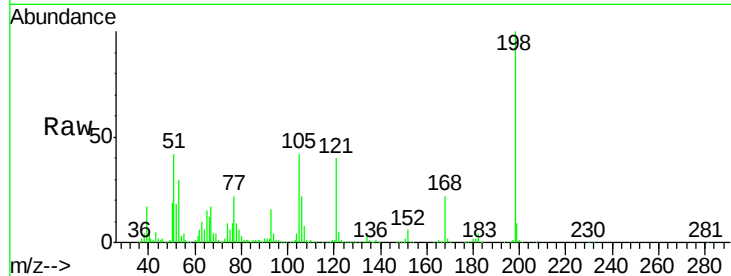


#65
 4,6-Dinitro-2-methylphenol
 Concen: 49.918 ng
 RT: 15.45 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: BM017292.D
 Acq: 23 Oct 2018 19:39

Instrument :
 BNA_M
 ClientSampleId :
 MS-VB-29736-BOX-2MSD

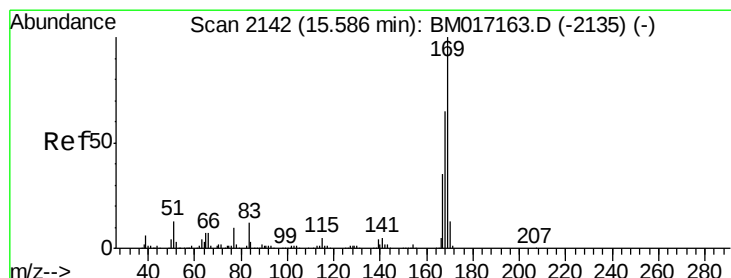
Tgt Ion	Ratio	Lower	Upper
198	100		
51	41.7	20.3	60.3
105	41.6	21.9	61.9

Manual Integrations
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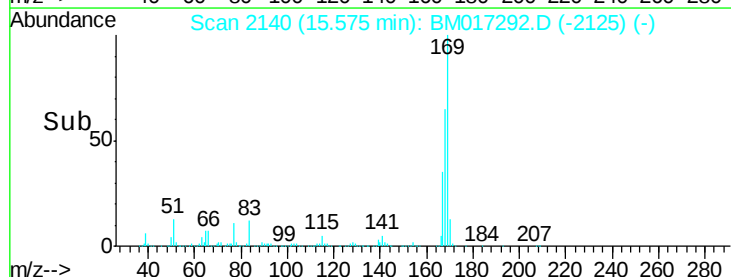
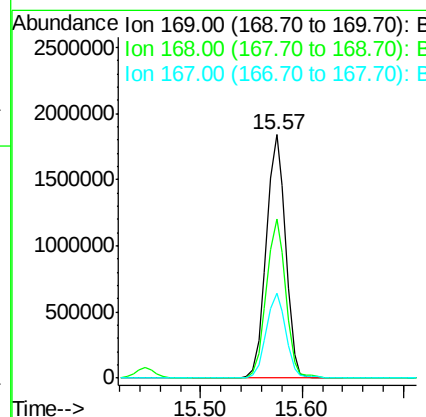
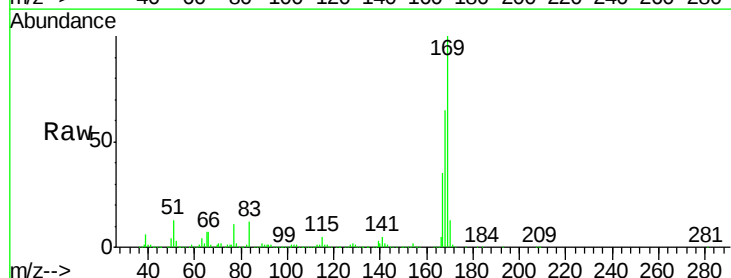
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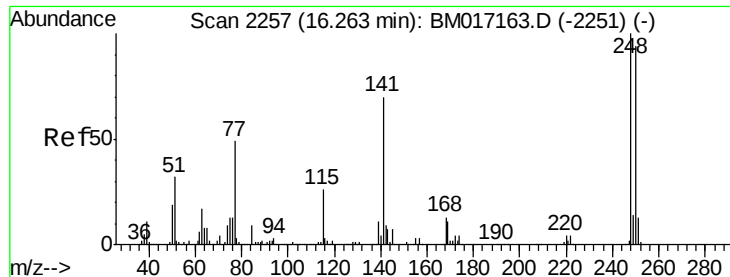
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#66
 n-Nitrosodiphenylamine
 Concen: 50.603 ng
 RT: 15.57 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: BM017292.D
 Acq: 23 Oct 2018 19:39

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.4	52.2	78.4
167	34.8	28.4	42.6



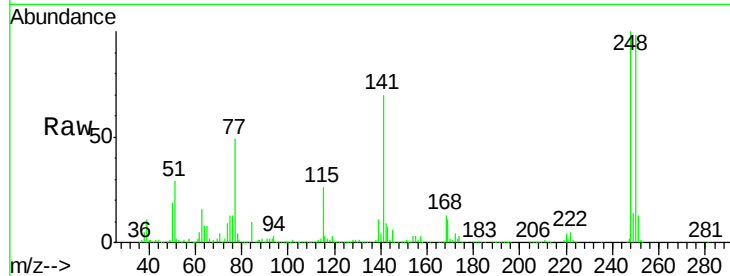


#67
4-Bromophenyl-phenylether
Concen: 50.895 ng
RT: 16.25 min Scan# 2255
Delta R.T. -0.01 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

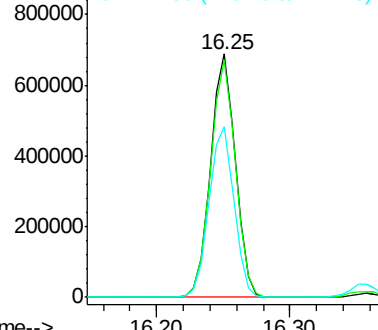
Instrument :
BNA_M
ClientSampleId :
MS-VB-29736-BOX-2MSD

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.6	75.1	112.7
141	70.1	55.6	83.4

Manual Integrations
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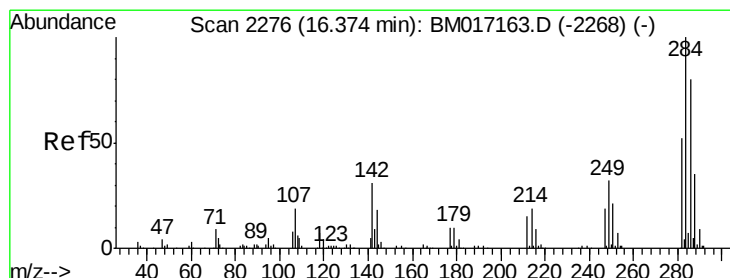
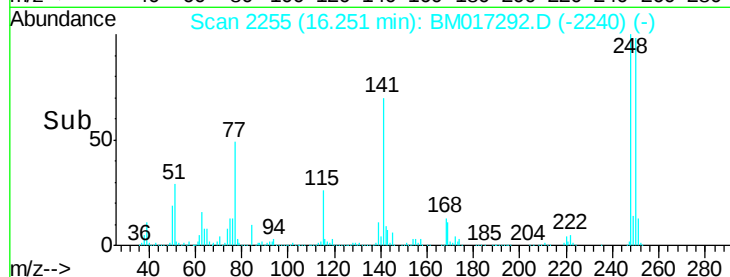


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



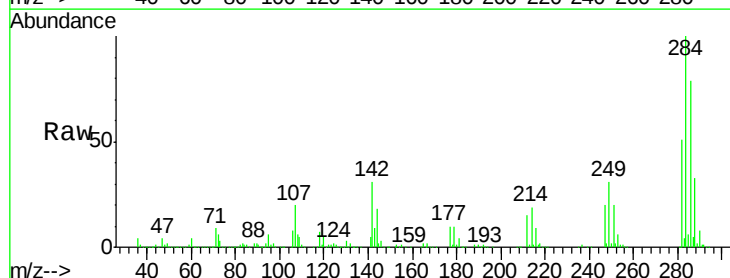
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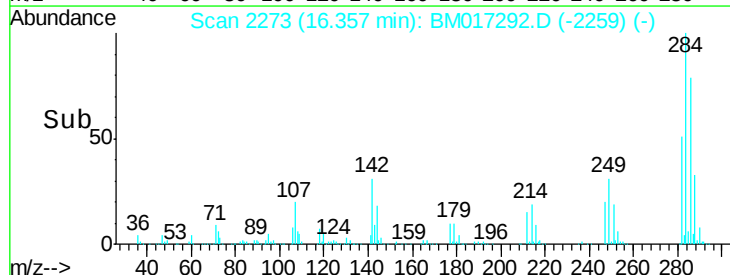
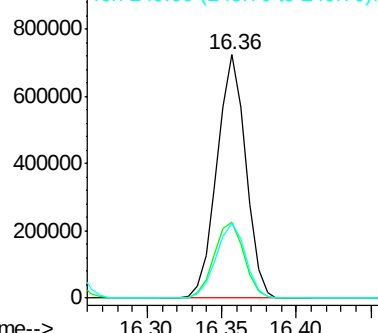


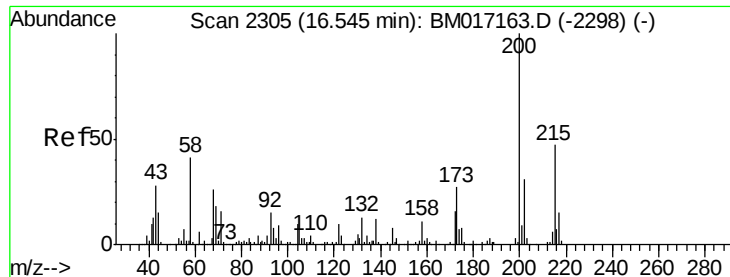
#68
Hexachlorobenzene
Concen: 47.719 ng
RT: 16.36 min Scan# 2273
Delta R.T. -0.02 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.1	25.0	37.6
249	30.9	25.5	38.3



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



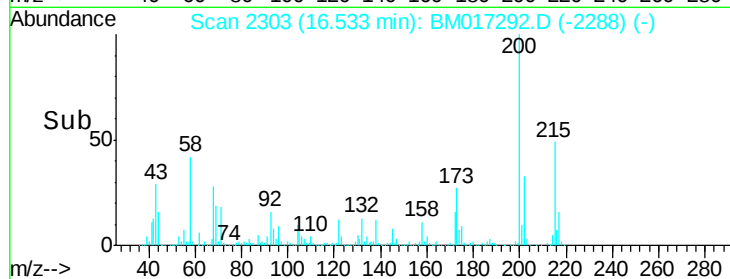
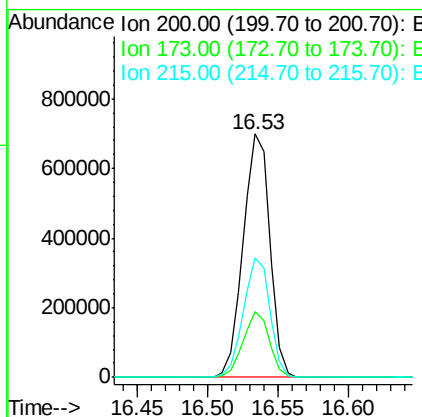
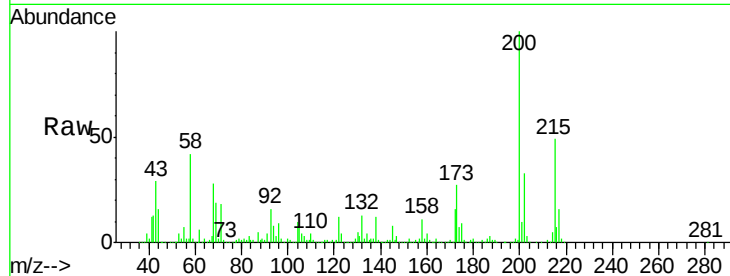


#69
 Atrazine
 Concen: 54.060 ng
 RT: 16.53 min Scan# 2303
 Delta R.T. -0.01 min
 Lab File: BM017292.D
 Acq: 23 Oct 2018 19:39

Instrument :
 BNA_M
 ClientSampleId :
 MS-VB-29736-BOX-2MSD

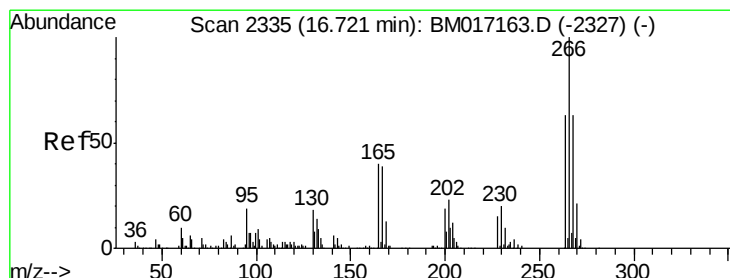
Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.2	7.0	47.0
215	49.0	27.3	67.3

Manual Integrations
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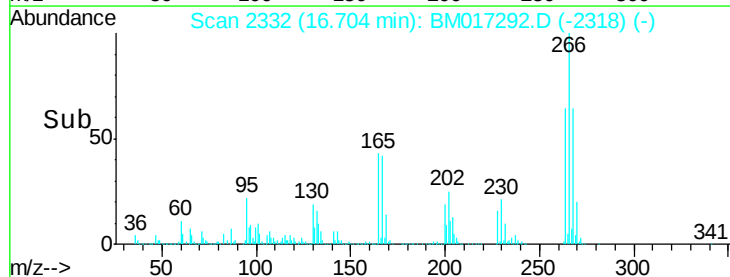
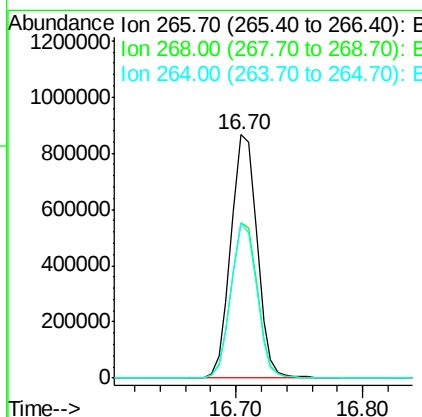
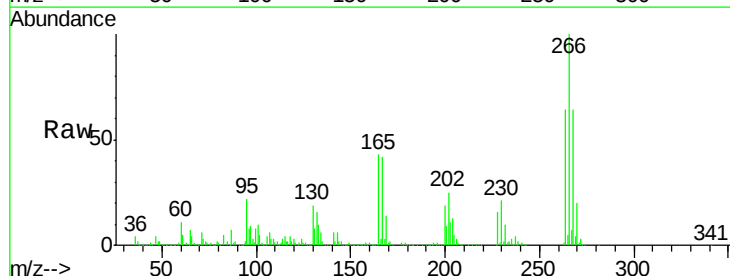
Sohil

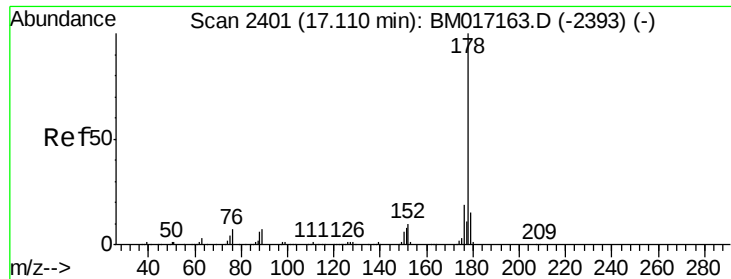
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#70
 Pentachlorophenol
 Concen: 89.766 ng
 RT: 16.70 min Scan# 2332
 Delta R.T. -0.02 min
 Lab File: BM017292.D
 Acq: 23 Oct 2018 19:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.8	50.7	76.1
264	63.8	50.4	75.6



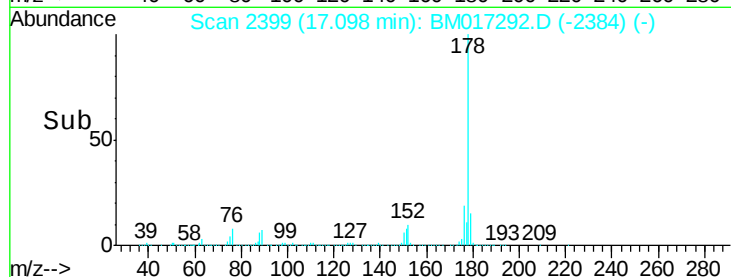
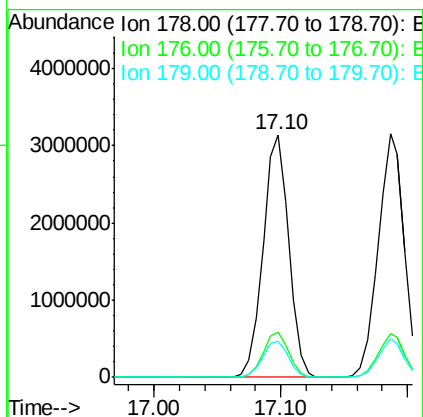
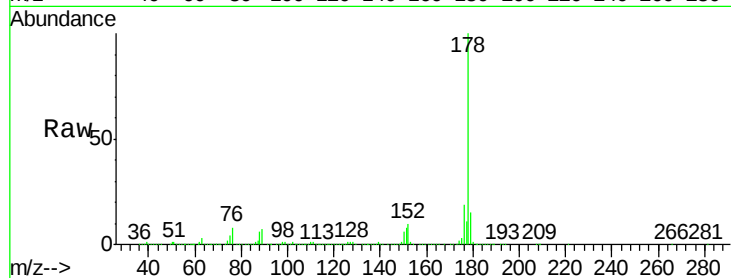


#71
Phenanthrene
Concen: 51.297 ng
RT: 17.10 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Instrument :
BNA_M
ClientSampleId :
MS-VB-29736-BOX-2MSD

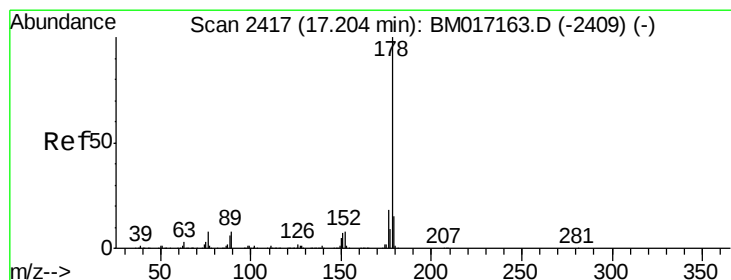
Tgt Ion:178 Resp: 4389047
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.1 12.3 18.5

Manual Integrations
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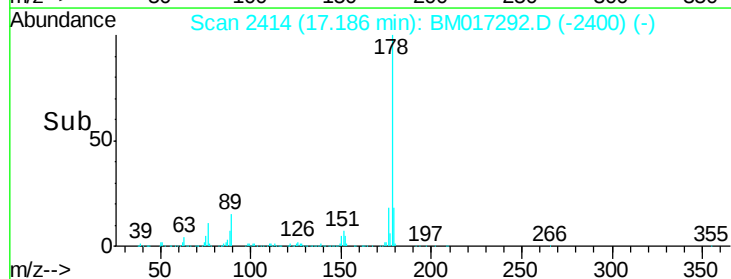
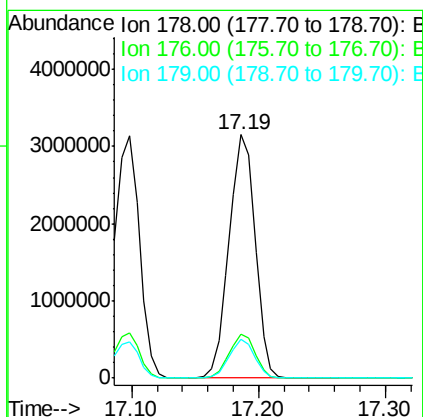
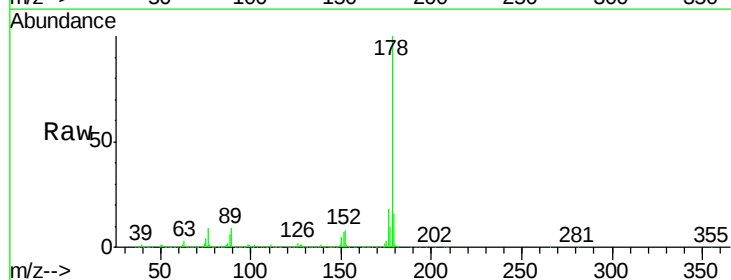
Sohil

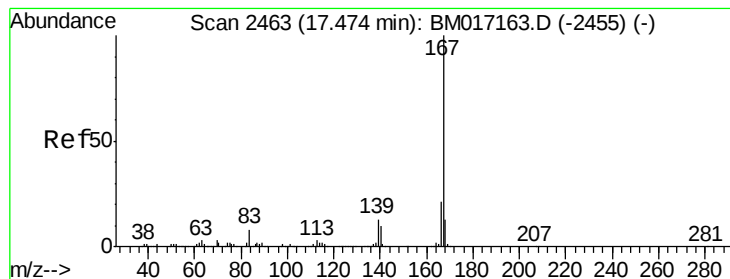
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#72
Anthracene
Concen: 55.133 ng
RT: 17.19 min Scan# 2414
Delta R.T. -0.02 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Tgt Ion:178 Resp: 4482301
Ion Ratio Lower Upper
178 100
176 18.2 14.5 21.7
179 15.8 12.2 18.2





#73

Carbazole

Concen: 50.063 ng

RT: 17.46 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

Instrument :

BNA_M

ClientSampleId :

MS-VB-29736-BOX-2MSD

Tgt Ion:167 Resp: 4157613

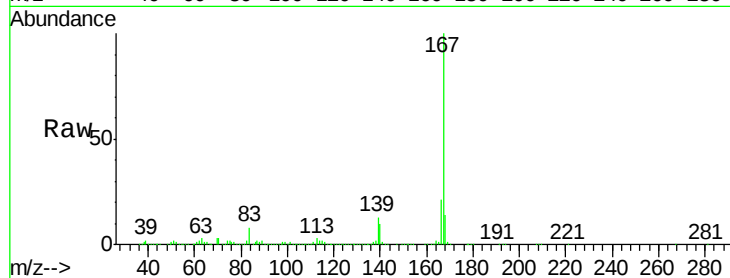
Ion Ratio Lower Upper

167 100

166 21.2 17.1 25.7

139 12.7 10.1 15.1

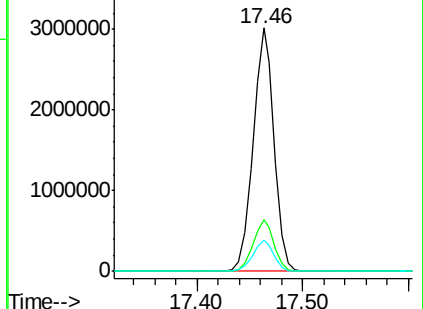
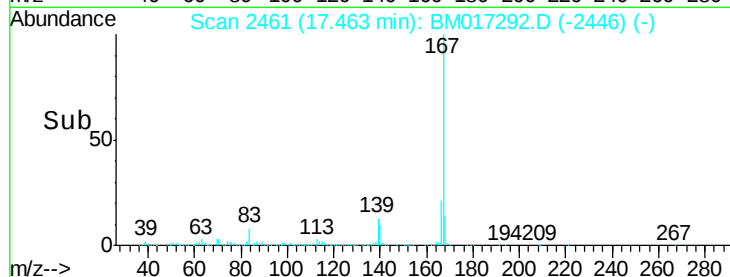
Manual Integrations
APPROVED



Abundance Ion 167.00 (166.70 to 167.70): E

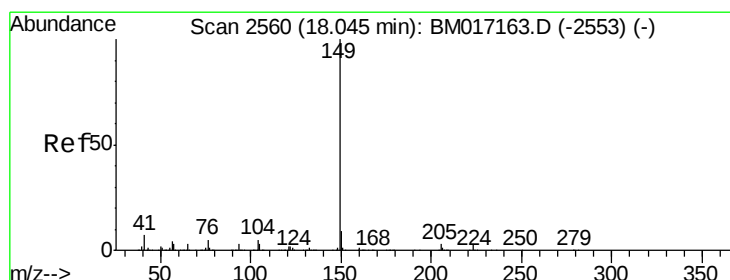
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Sohil

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#74

Di-n-butylphthalate

Concen: 57.989 ng

RT: 18.03 min Scan# 2558

Delta R.T. -0.01 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

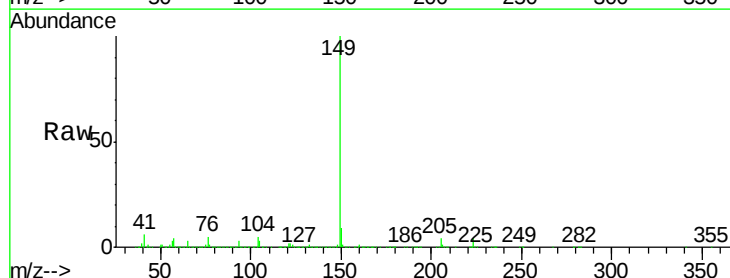
Tgt Ion:149 Resp: 5079366

Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

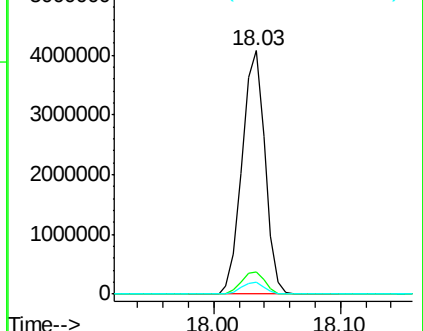
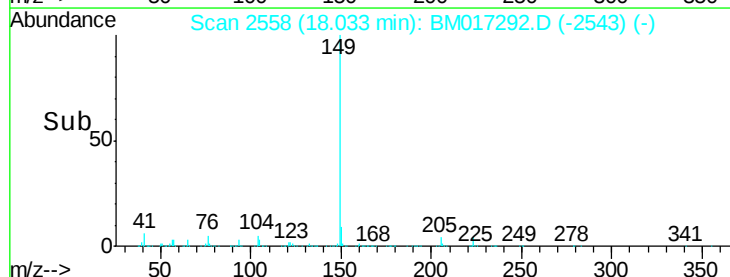
104 4.8 4.3 6.5

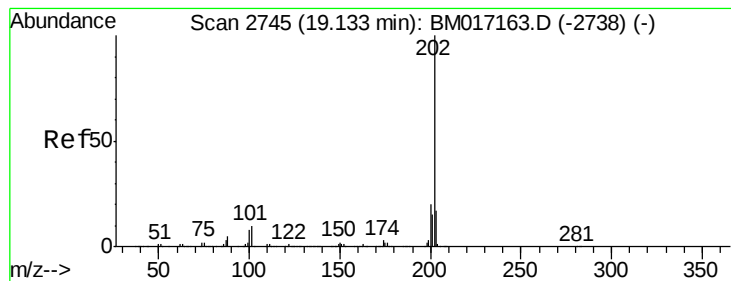


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



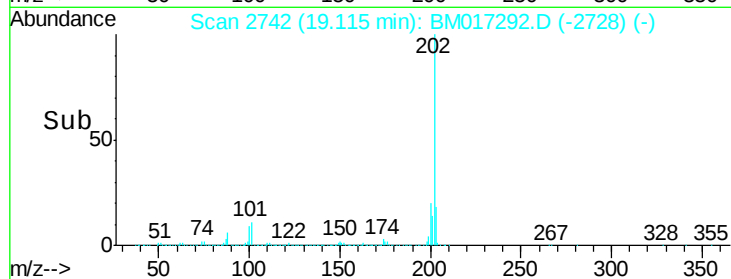
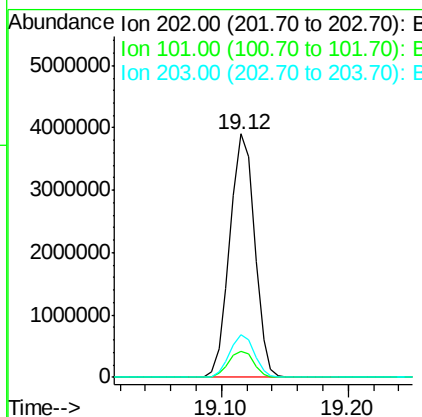
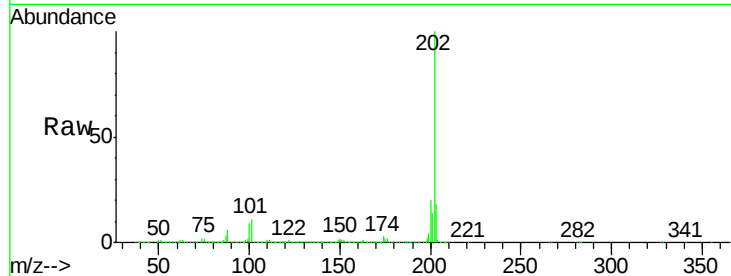


#75
 Fluoranthene
 Concen: 54.767 ng
 RT: 19.12 min Scan# 2742
 Delta R.T. -0.02 min
 Lab File: BM017292.D
 Acq: 23 Oct 2018 19:39

Instrument :
 BNA_M
 ClientSampleId :
 MS-VB-29736-BOX-2MSD

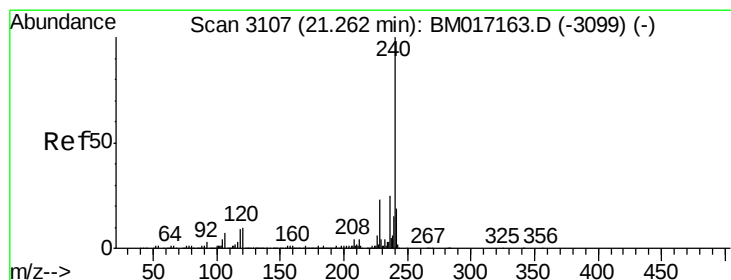
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	30.0
203	17.6	0.0	37.2

Manual Integrations
 APPROVED



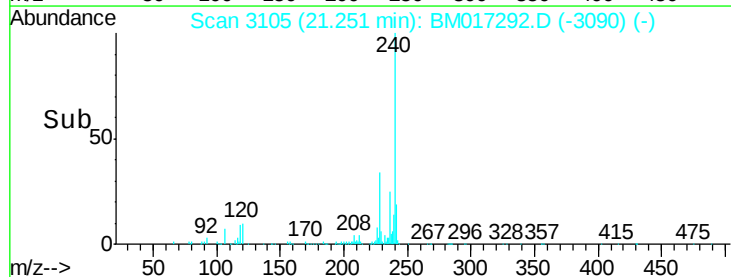
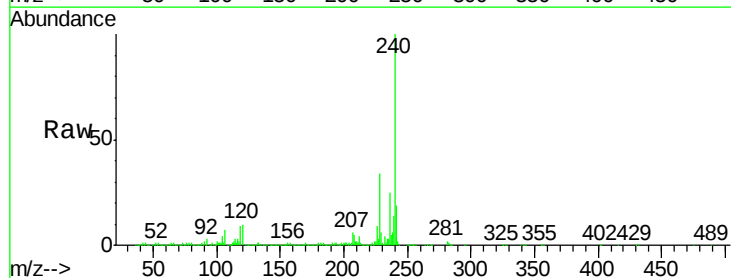
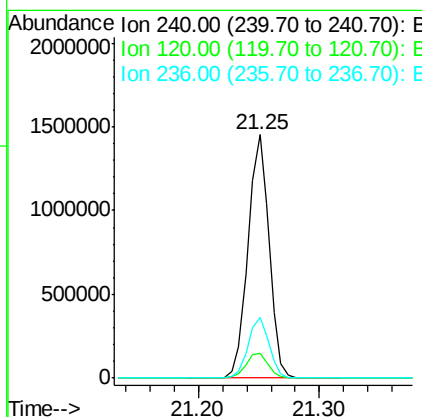
Sohil

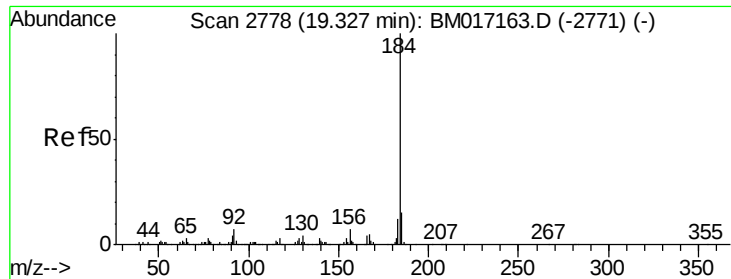
10/24/2018 10:57:29 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.25 min Scan# 3105
 Delta R.T. -0.01 min
 Lab File: BM017292.D
 Acq: 23 Oct 2018 19:39

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.1	12.1
236	24.8	19.9	29.9





#77

Benzidine

Concen: 27.041 ng

RT: 19.32 min Scan# 2776

Delta R.T. -0.01 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

Instrument :

BNA_M

ClientSampleId :

MS-VB-29736-BOX-2MSD

Tgt Ion:184 Resp: 1220996

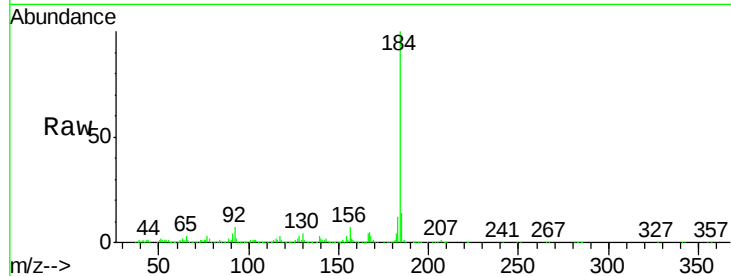
Ion Ratio Lower Upper

184 100

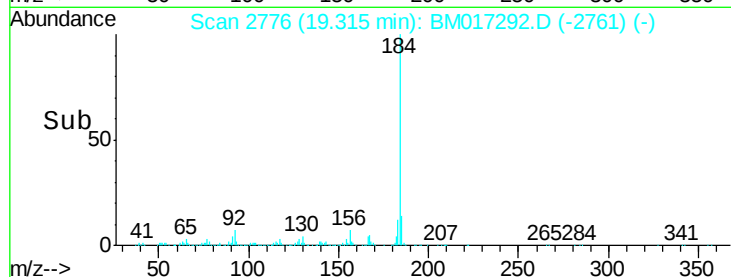
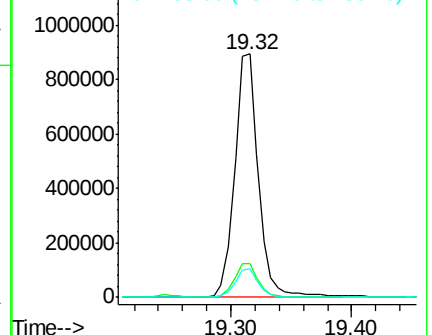
185 13.7 11.8 17.8

183 11.9 9.7 14.5

Manual Integrations
APPROVED

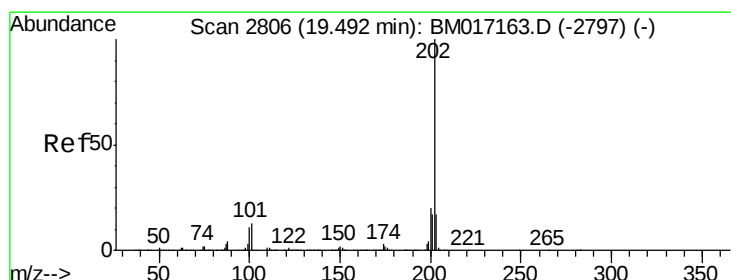


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



Sohil

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#78

Pyrene

Concen: 53.912 ng

RT: 19.48 min Scan# 2804

Delta R.T. -0.01 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

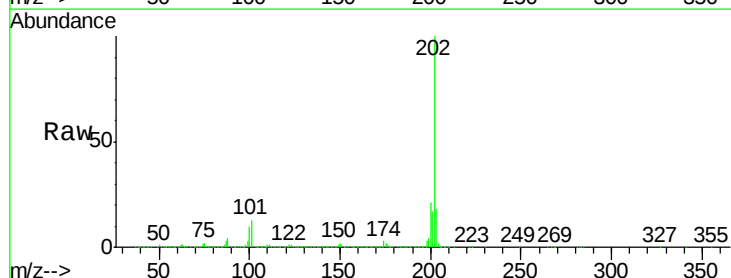
Tgt Ion:202 Resp: 5365613

Ion Ratio Lower Upper

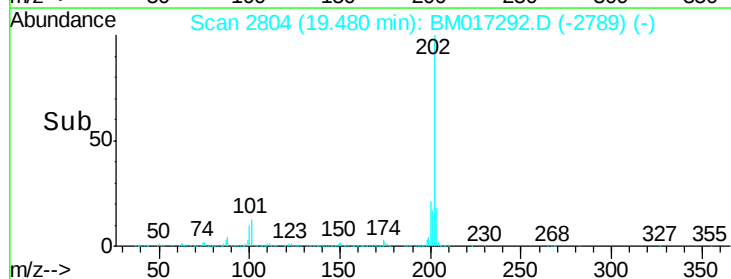
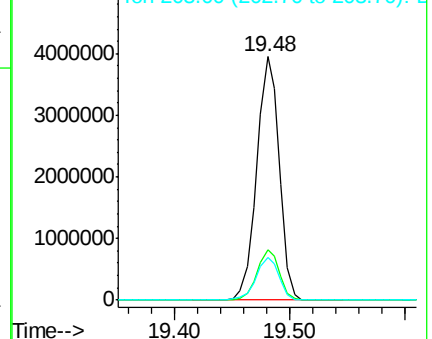
202 100

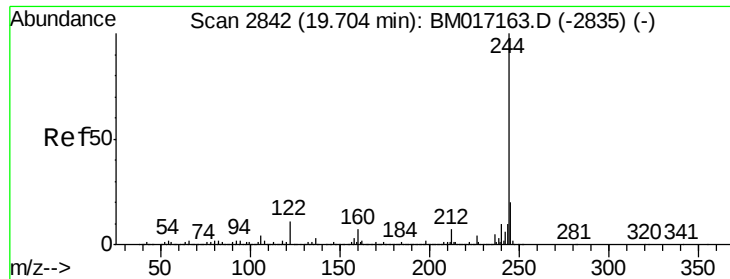
200 20.6 16.3 24.5

203 17.6 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.684 ng

RT: 19.69 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

Instrument :

BNA_M

ClientSampleId :

MS-VB-29736-BOX-2MSD

Tgt Ion:244 Resp: 6611234

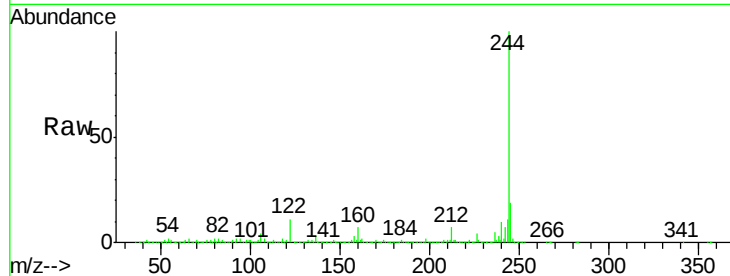
Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

122 10.6 8.4 12.6

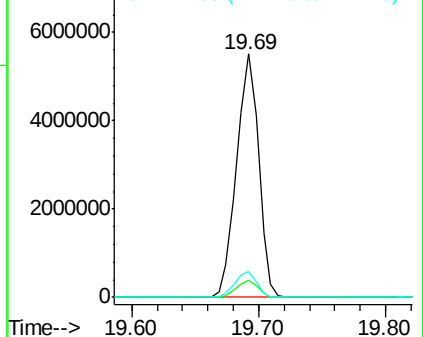
Manual Integrations
APPROVED



Abundance Ion 244.00 (243.70 to 244.70): E

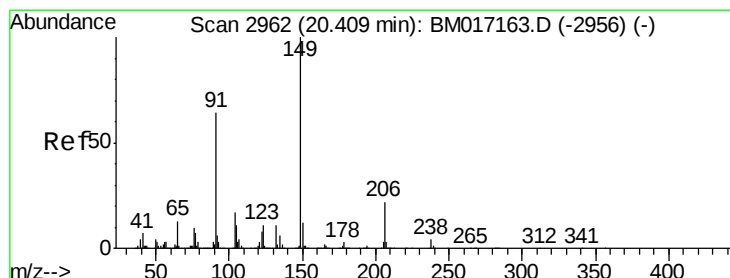
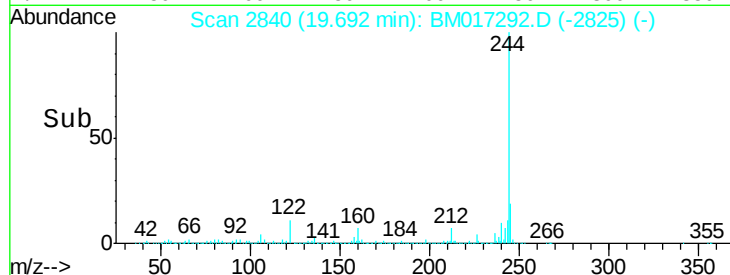
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



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#80

Butylbenzylphthalate

Concen: 62.292 ng

RT: 20.39 min Scan# 2959

Delta R.T. -0.02 min

Lab File: BM017292.D

Acq: 23 Oct 2018 19:39

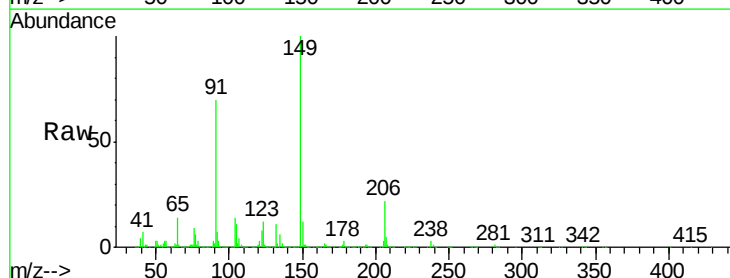
Tgt Ion:149 Resp: 2454267

Ion Ratio Lower Upper

149 100

91 69.7 51.3 76.9

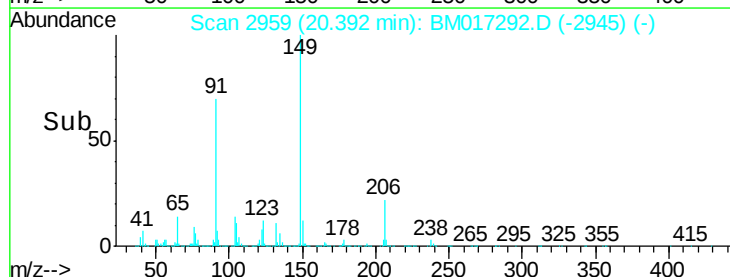
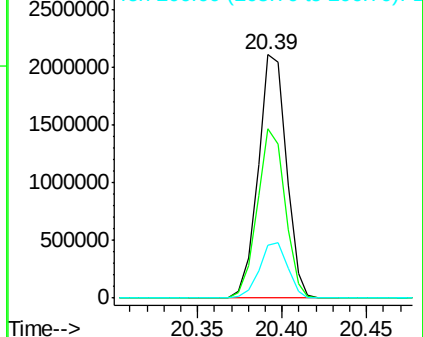
206 21.7 18.0 27.0

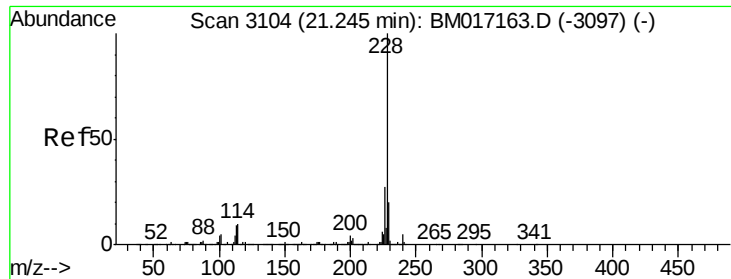


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E



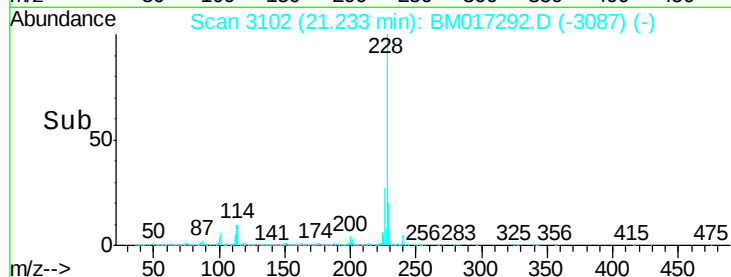
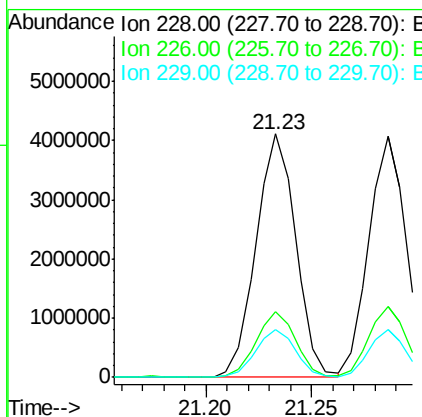
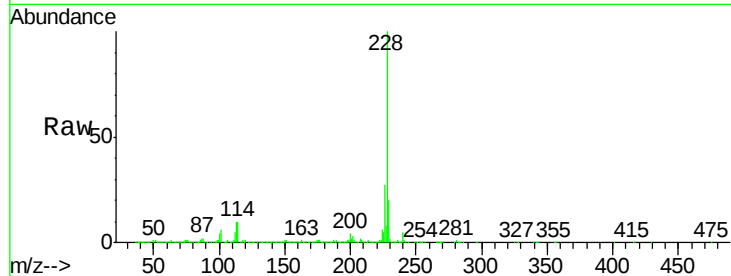


#81
Benzo(a)anthracene
Concen: 53.891 ng
RT: 21.23 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Instrument :
BNA_M
ClientSampleId :
MS-VB-29736-BOX-2MSD

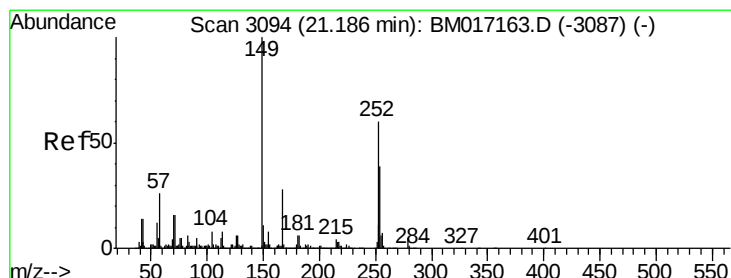
Tgt Ion:228 Resp: 5400318
Ion Ratio Lower Upper
228 100
226 27.0 21.4 32.0
229 19.8 15.9 23.9

Manual Integrations
APPROVED



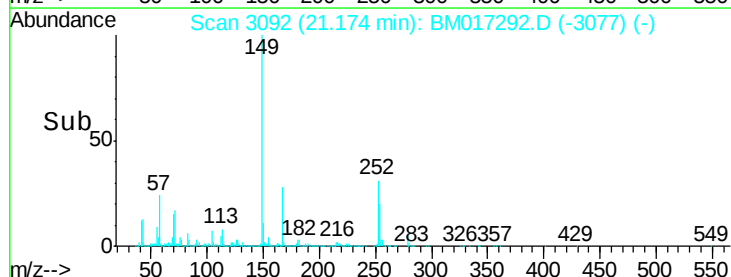
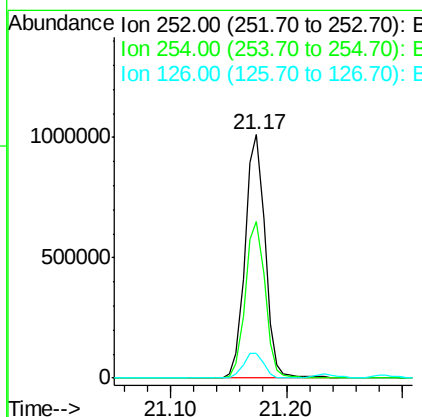
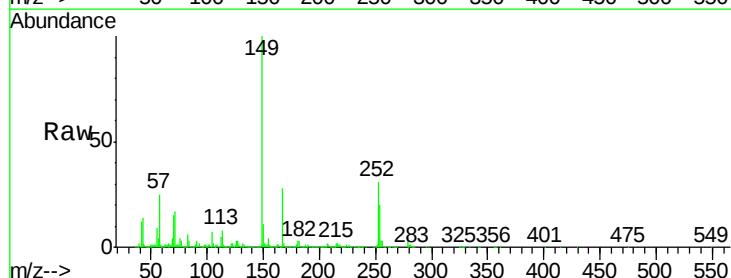
Sohil

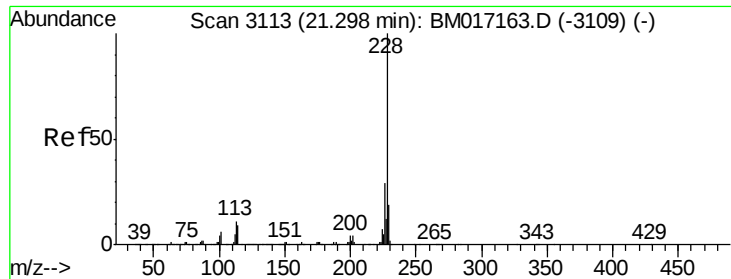
10/24/2018 10:57:29 AM



#82
3,3'-Dichlorobenzidine
Concen: 32.431 ng
RT: 21.17 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Tgt Ion:252 Resp: 1211215
Ion Ratio Lower Upper
252 100
254 64.4 52.1 78.1
126 10.4 8.6 12.8



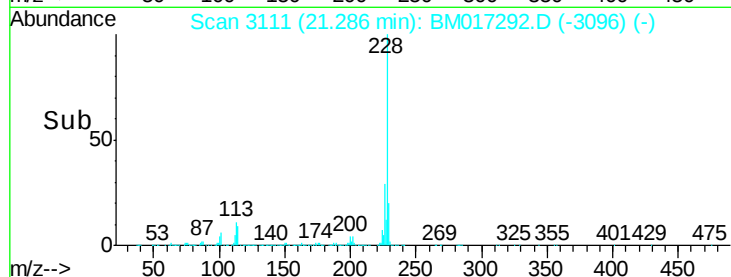
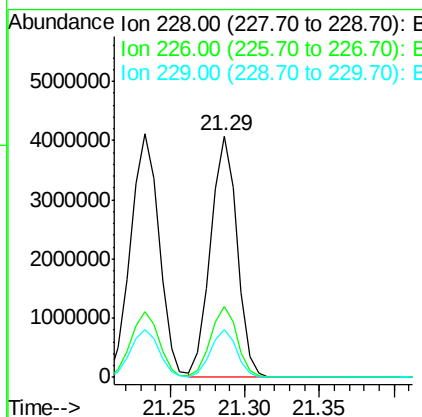
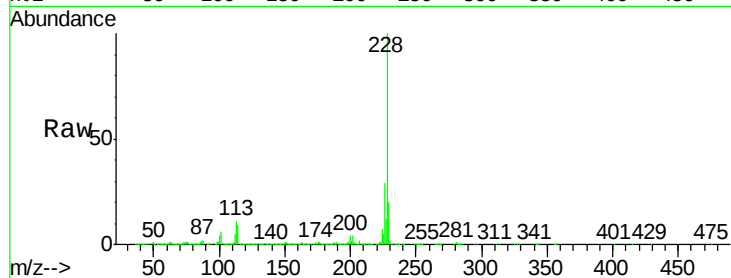


#83
Chrysene
Concen: 50.764 ng
RT: 21.29 min Scan# 3111
Delta R.T. -0.01 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Instrument :
BNA_M
ClientSampleId :
MS-VB-29736-BOX-2MSD

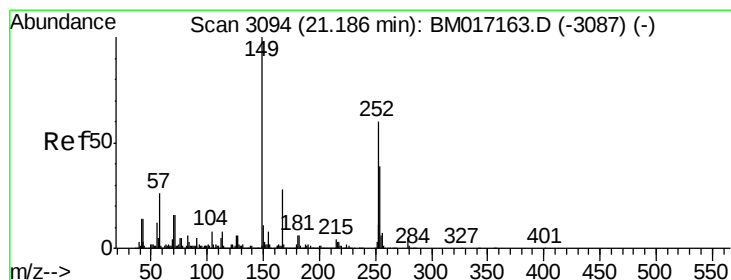
Tgt Ion: 228 Resp: 5035044
Ion Ratio Lower Upper
228 100
226 29.3 23.3 34.9
229 19.8 15.6 23.4

Manual Integrations
APPROVED



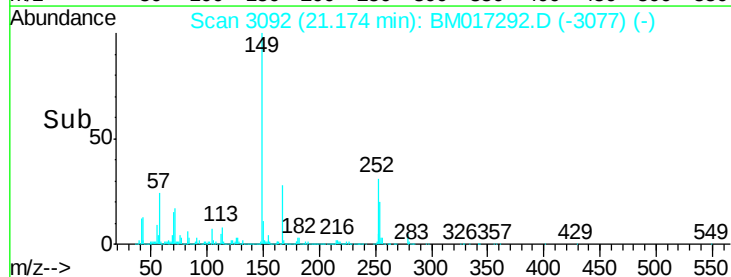
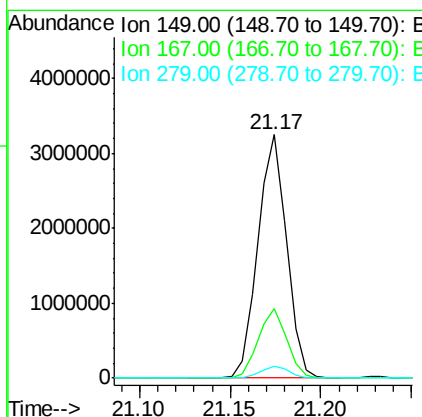
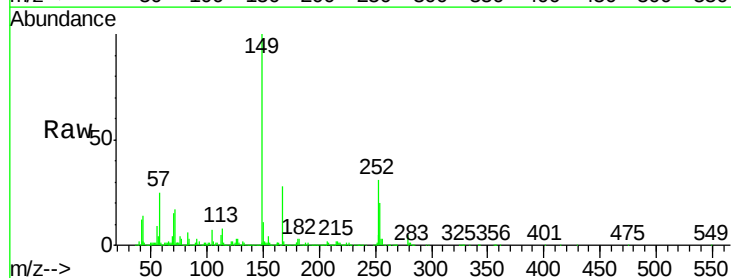
Sohil

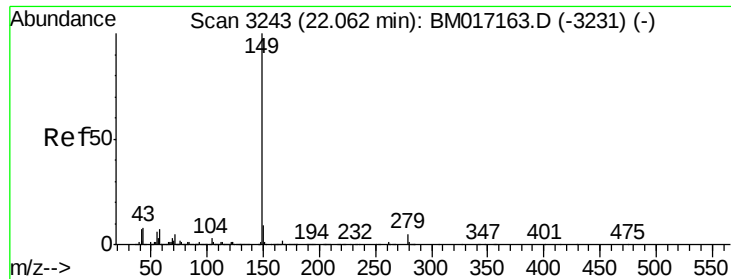
10/24/2018 10:57:29 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 60.093 ng
RT: 21.17 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Tgt Ion: 149 Resp: 3569234
Ion Ratio Lower Upper
149 100
167 28.3 22.2 33.4
279 4.7 3.6 5.4



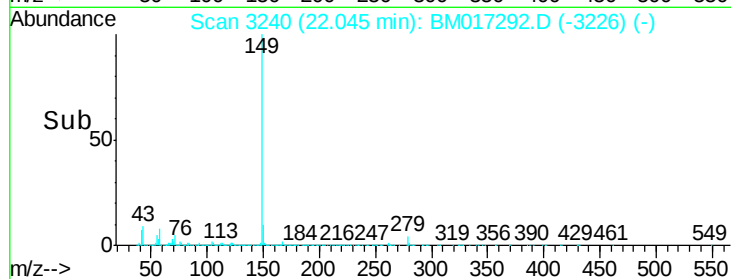
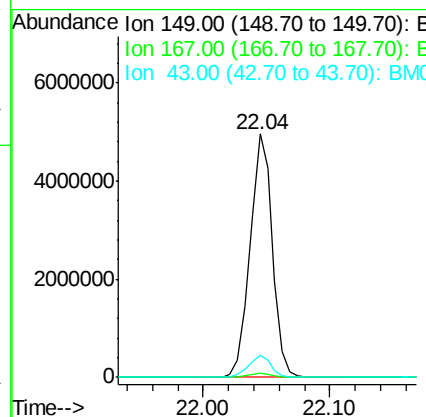
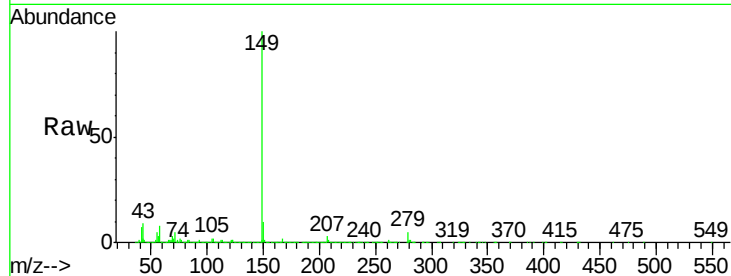


#85
Di-n-octyl phthalate
Concen: 59.644 ng
RT: 22.04 min Scan# 3240
Delta R.T. -0.02 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Instrument :
BNA_M
ClientSampleId :
MS-VB-29736-BOX-2MSD

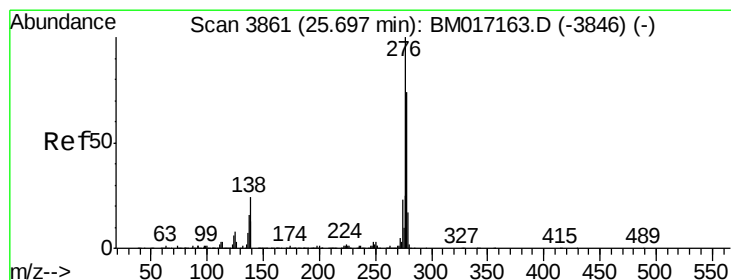
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	8.7	7.2	10.8

Manual Integrations
APPROVED



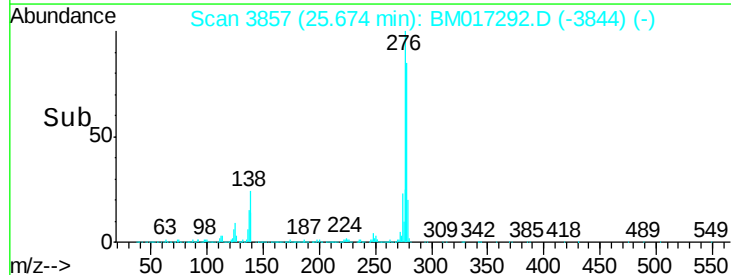
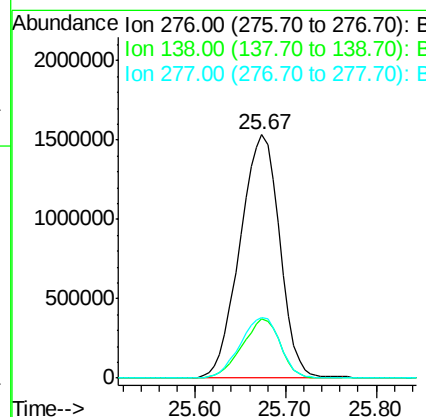
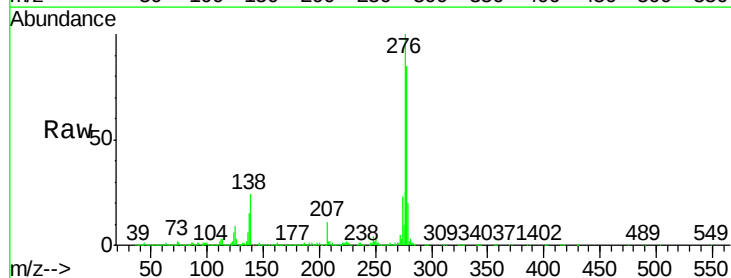
Sohil

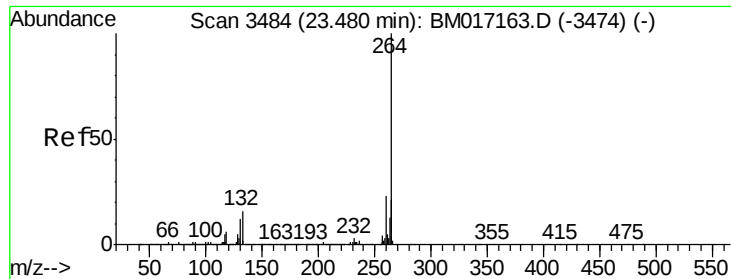
10/24/2018 10:57:29 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 41.886 ng
RT: 25.67 min Scan# 3857
Delta R.T. -0.02 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.4	19.5	29.3
277	25.2	20.1	30.1



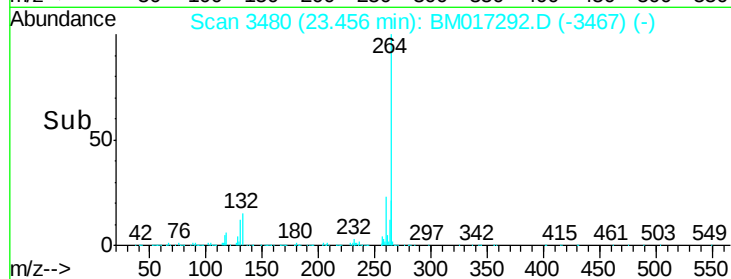
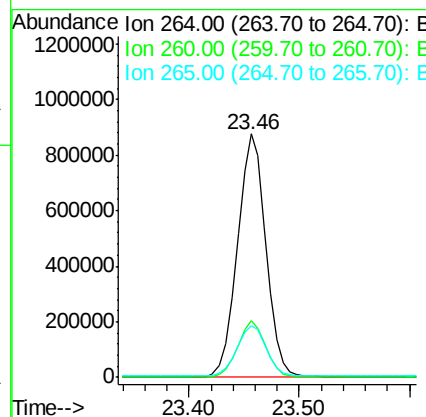
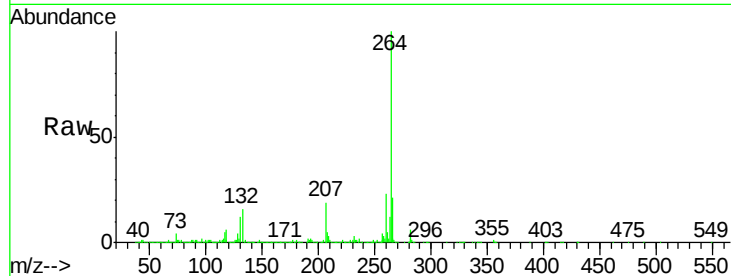


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3480
Delta R.T. -0.02 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Instrument :
BNA_M
ClientSampleId :
MS-VB-29736-BOX-2MSD

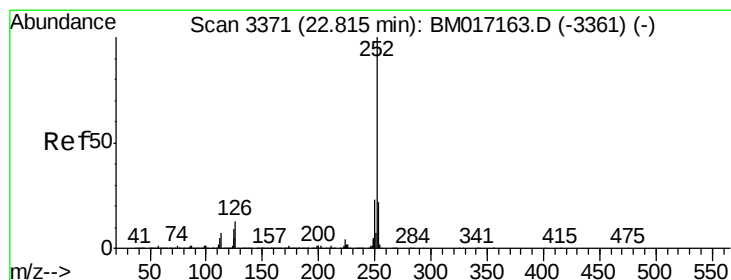
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	27.8
265	21.4	17.8	26.8

Manual Integrations
APPROVED



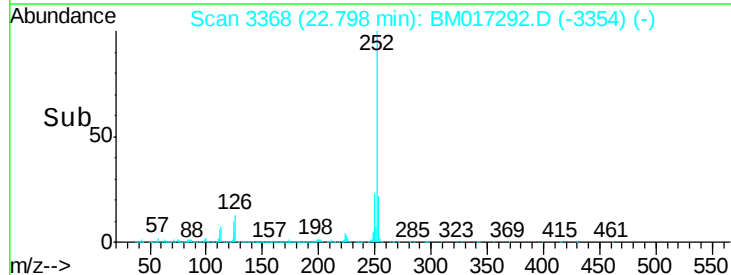
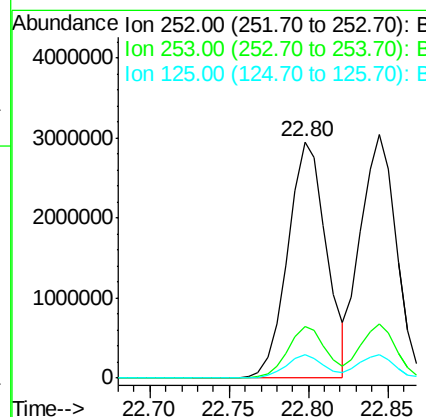
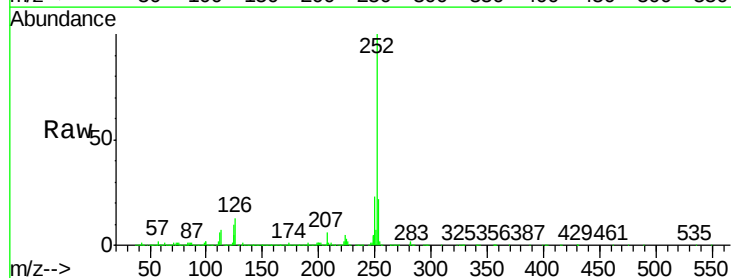
Sohil

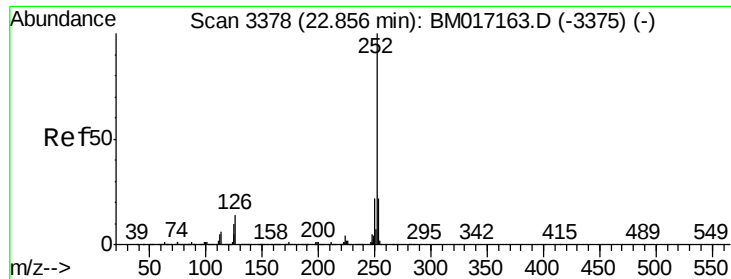
10/24/2018 10:57:29 AM



#88
Benzo(b)fluoranthene
Concen: 57.626 ng
RT: 22.80 min Scan# 3368
Delta R.T. -0.02 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	9.8	7.5	11.3



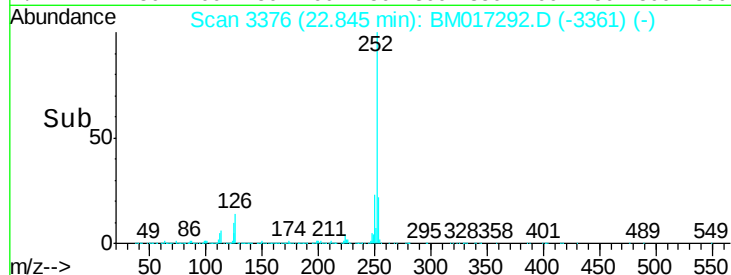
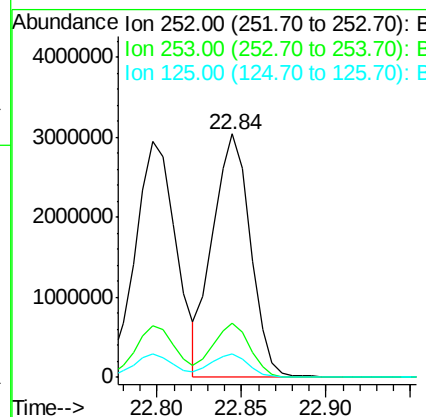
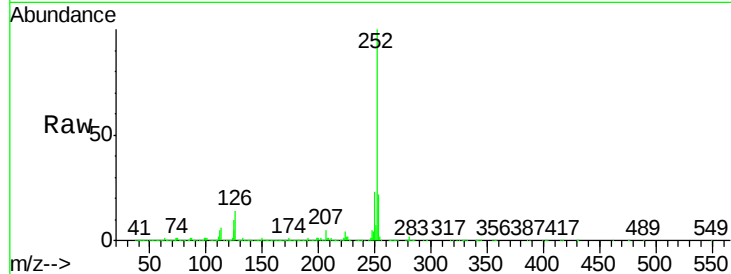


#89
Benzo(k)fluoranthene
Concen: 54.414 ng
RT: 22.84 min Scan# 3376
Delta R.T. -0.01 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Instrument :
BNA_M
ClientSampleId :
MS-VB-29736-BOX-2MSD

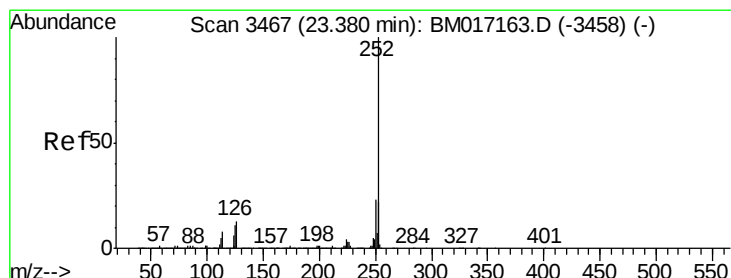
Tgt Ion:252 Resp: 4728142
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 9.8 8.2 12.2

Manual Integrations
APPROVED



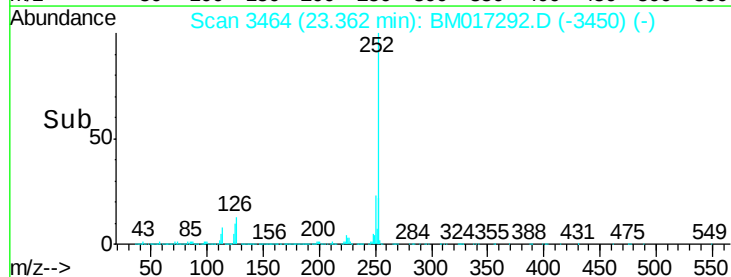
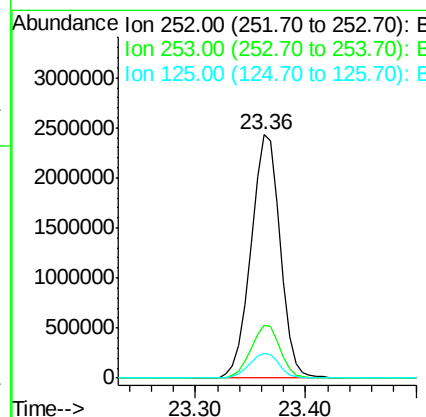
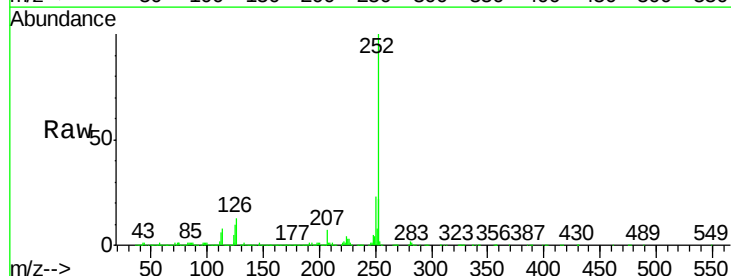
Sohil

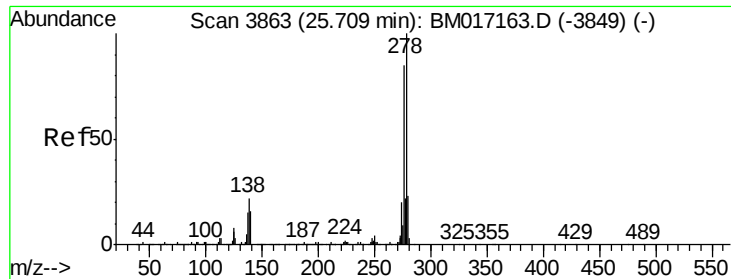
10/24/2018 10:57:29 AM



#90
Benzo(a)pyrene
Concen: 54.850 ng
RT: 23.36 min Scan# 3464
Delta R.T. -0.02 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Tgt Ion:252 Resp: 4509759
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 10.3 8.6 13.0



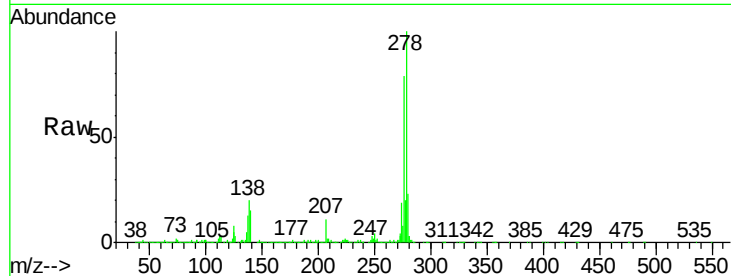


#91
Dibenzo(a,h)anthracene
Concen: 48.346 ng
RT: 25.69 min Scan# 3859
Delta R.T. -0.02 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

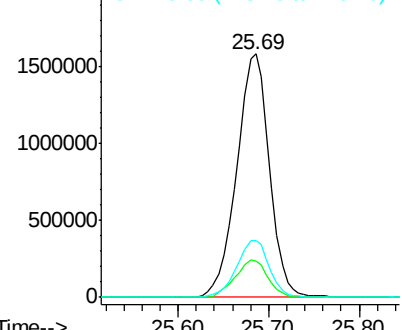
Instrument :
BNA_M
ClientSampleId :
MS-VB-29736-BOX-2MSD

Tgt Ion: 278 Resp: 3946975
Ion Ratio Lower Upper
278 100
139 14.9 12.7 19.1
279 23.2 18.7 28.1

Manual Integrations
APPROVED

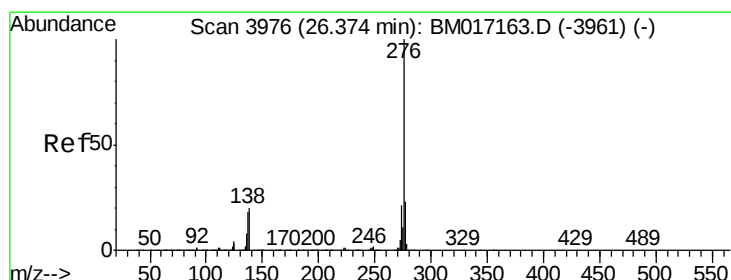
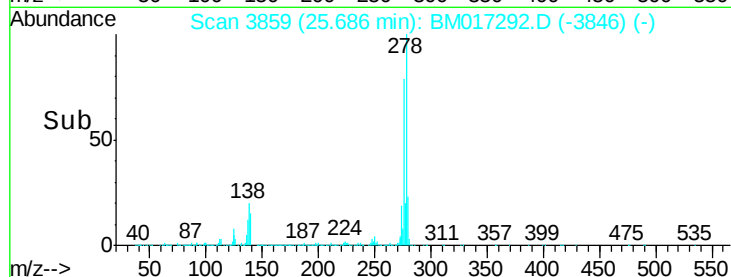


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



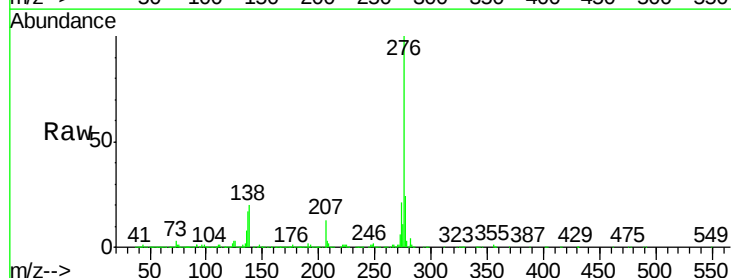
Sohil

10/24/2018 10:57:29 AM



#92
Benzo(g,h,i)perylene
Concen: 47.782 ng
RT: 26.35 min Scan# 3972
Delta R.T. -0.02 min
Lab File: BM017292.D
Acq: 23 Oct 2018 19:39

Tgt Ion: 276 Resp: 3866289
Ion Ratio Lower Upper
276 100
277 23.8 18.6 28.0
138 20.0 16.4 24.6



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

