

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110718\
 Data File : BM017549.D
 Acq On : 07 Nov 2018 04:28
 Operator : MJ/SJ
 Sample : J5765-02MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 NB-08-110518MSD

Manual Integrations
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 11/7/2018 4:09:08 PM

Quant Time: Nov 07 11:58:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 15:08:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	232589	20.00	ng	-0.02
21) Naphthalene-d8	10.40	136	988663	20.00	ng	-0.02
39) Acenaphthene-d10	14.27	164	648995	20.00	ng	-0.02
64) Phenanthrene-d10	17.02	188	1610853	20.00	ng	-0.02
76) Chrysene-d12	21.22	240	2022937	20.00	ng	-0.02
87) Perylene-d12	23.42	264	2139452	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	1660012	120.71	ng	-0.01
7) Phenol-d6	6.82	99	2087040	111.43	ng	-0.02
23) Nitrobenzene-d5	8.78	82	1584305	93.72	ng	-0.02
42) 2,4,6-Tribromophenol	15.77	330	1303246	148.49	ng	-0.02
45) 2-Fluorobiphenyl	12.89	172	3927612	80.52	ng	-0.02
79) Terphenyl-d14	19.67	244	7423075	82.71	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.25	88	215936	30.750	ng	# 73
3) Pyridine	3.63	79	575066	35.591	ng	# 80
4) n-Nitrosodimethylamine	3.54	42	335578	51.736	ng	# 65
6) Aniline	6.97	93	475404	20.294	ng	96
8) 2-Chlorophenol	7.20	128	771110	48.469	ng	95
9) Benzaldehyde	6.79	77	482635	40.415	ng	92
10) Phenol	6.84	94	839208	41.633	ng	98
11) bis(2-Chloroethyl)ether	7.07	93	718776	44.732	ng	96
12) 1,3-Dichlorobenzene	7.52	146	800346	43.155	ng	96
13) 1,4-Dichlorobenzene	7.66	146	818595	43.203	ng	98
14) 1,2-Dichlorobenzene	7.97	146	788742	43.205	ng	99
15) Benzyl Alcohol	7.87	79	739401	54.010	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.16	45	1062917	47.348	ng	98
17) 2-Methylphenol	8.07	107	660039	51.015	ng	97
18) Hexachloroethane	8.69	117	295443	45.562	ng	98
19) n-Nitroso-di-n-propylamine	8.43	70	630353	51.113	ng	97
20) 3+4-Methylphenols	8.40	107	901252	50.930	ng	98
22) Acetophenone	8.45	105	1208226	48.211	ng	98
24) Nitrobenzene	8.82	77	901653	50.425	ng	94
25) Isophorone	9.35	82	1742943	62.440	ng	98
26) 2-Nitrophenol	9.53	139	428183	50.790	ng	95
27) 2,4-Dimethylphenol	9.59	122	780676	63.248	ng	99
28) bis(2-Chloroethoxy)methane	9.83	93	1052465	53.568	ng	99
29) 2,4-Dichlorophenol	10.06	162	798577	55.723	ng	99
30) 1,2,4-Trichlorobenzene	10.26	180	797851	46.409	ng	100
31) Naphthalene	10.45	128	2529700	52.212	ng	99
32) Benzoic acid	9.76	122	488567	53.050	ng	92
33) 4-Chloroaniline	10.58	127	95964	4.586	ng	95
34) Hexachlorobutadiene	10.72	225	472356	43.363	ng	98
35) Caprolactam	11.37	113	217669m	41.677	ng	
36) 4-Chloro-3-methylphenol	11.70	107	947696	58.666	ng	98
37) 2-Methylnaphthalene	12.07	142	1925666	58.081	ng	97
38) 1-Methylnaphthalene	12.29	142	1844771	57.168	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.44	216	983071	43.013	ng	# 98

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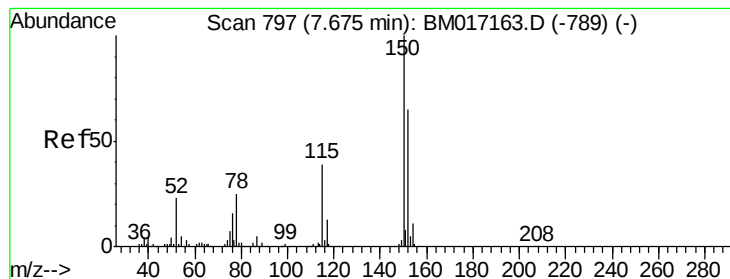
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	1246730	112.836	ng	99
43) 2,4,6-Trichlorophenol	12.69	196	720376	54.296	ng	100
44) 2,4,5-Trichlorophenol	12.76	196	777311	54.635	ng	98
46) 1,1'-Biphenyl	13.10	154	2558928	43.815	ng	99
47) 2-Chloronaphthalene	13.13	162	1953244	45.461	ng	99
48) 2-Nitroaniline	13.36	65	668027	54.201	ng	99
49) Acenaphthylene	13.99	152	3369246	54.100	ng	100
50) Dimethylphthalate	13.74	163	2767742	55.277	ng	100
51) 2,6-Dinitrotoluene	13.86	165	615978	55.895	ng	94
52) Acenaphthene	14.33	154	1952849	49.941	ng	98
53) 3-Nitroaniline	14.19	138	241950	20.271	ng	89
54) 2,4-Dinitrophenol	14.40	184	790502	117.926	ng	97
55) Dibenzofuran	14.67	168	3229581	49.666	ng	100
56) 4-Nitrophenol	14.52	139	1389480	124.920	ng	96
57) 2,4-Dinitrotoluene	14.66	165	906777	61.220	ng	# 91
58) Fluorene	15.33	166	2717289	56.456	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.90	232	771506	59.490	ng	98
60) Diethylphthalate	15.12	149	2901172	58.426	ng	99
61) 4-Chlorophenyl-phenylether	15.32	204	1369936	49.926	ng	97
62) 4-Nitroaniline	15.37	138	623100	46.901	ng	95
63) Azobenzene	15.62	77	2769443	57.381	ng	95
65) 4,6-Dinitro-2-methylphenol	15.42	198	546080	52.092	ng	94
66) n-Nitrosodiphenylamine	15.54	169	2447108	50.211	ng	99
67) 4-Bromophenyl-phenylether	16.22	248	889510	50.291	ng	95
68) Hexachlorobenzene	16.33	284	990776	48.223	ng	99
69) Atrazine	16.51	200	978234	56.082	ng	98
70) Pentachlorophenol	16.67	266	1294901	92.004	ng	100
71) Phenanthrene	17.07	178	4502270	51.803	ng	100
72) Anthracene	17.16	178	4620831	55.955	ng	99
73) Carbazole	17.43	167	4365046	51.745	ng	99
74) Di-n-butylphthalate	18.00	149	5423659	60.959	ng	99
75) Fluoranthene	19.09	202	5618733	57.453	ng	99
77) Benzidine	19.29	184	1126304	21.958	ng	98
78) Pyrene	19.45	202	5733558	50.711	ng	99
80) Butylbenzylphthalate	20.37	149	2711679	60.781	ng	94
81) Benzo(a)anthracene	21.21	228	6077245	53.385	ng	100
82) 3,3'-Dichlorobenzidine	21.14	252	899829	21.208	ng	98
83) Chrysene	21.26	228	5714572	50.716	ng	99
84) Bis(2-ethylhexyl)phthalate	21.14	149	4026448	59.711	ng	100
85) Di-n-octyl phthalate	22.02	149	7089537	61.765	ng	98
86) Indeno(1,2,3-cd)pyrene	25.63	276	6867373	54.491	ng	100
88) Benzo(b)fluoranthene	22.77	252	6272502	53.624	ng	99
89) Benzo(k)fluoranthene	22.81	252	6177083	52.628	ng	99
90) Benzo(a)pyrene	23.33	252	6074998	54.700	ng	100
91) Dibenzo(a,h)anthracene	25.64	278	5836102	52.921	ng	99
92) Benzo(g,h,i)perylene	26.29	276	5682142	51.987	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.63 min Scan# 789

Delta R.T. -0.02 min

Lab File: BM017549.D

Acq: 07 Nov 2018 04:28

Instrument :

BNA_M

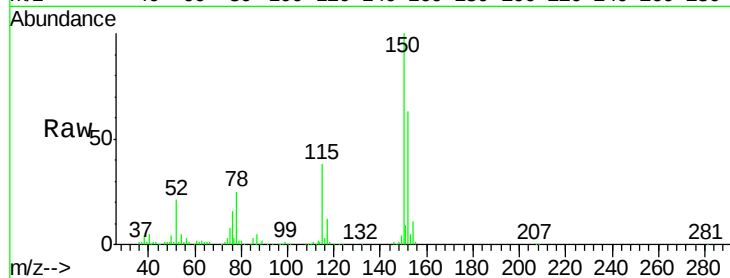
ClientSampleId :

NB-08-110518MSD

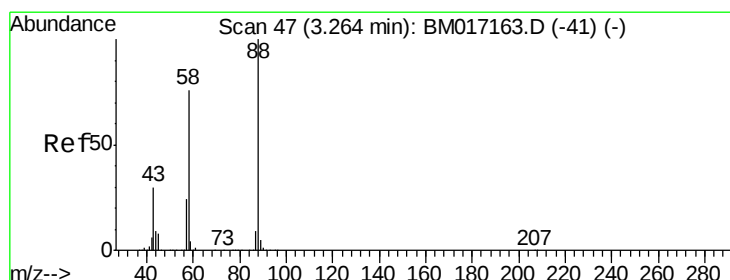
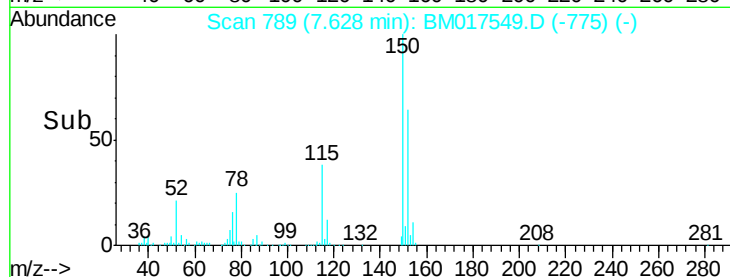
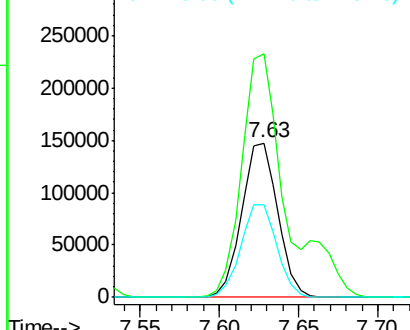
Tgt Ion:	152	Resp:	232589
Ion Ratio	Lower	Upper	
152	100		
150	157.8	124.3	186.5
115	59.9	48.1	72.1

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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



#2

1,4-Dioxane

Concen: 30.750 ng

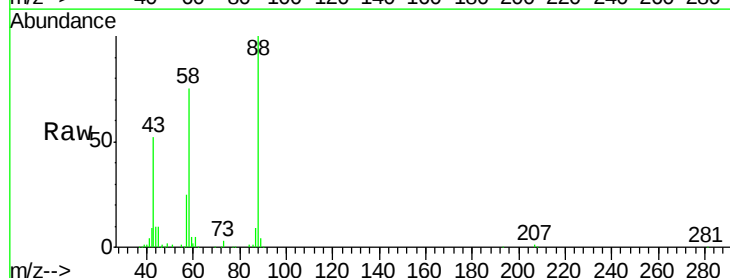
RT: 3.25 min Scan# 45

Delta R.T. -0.00 min

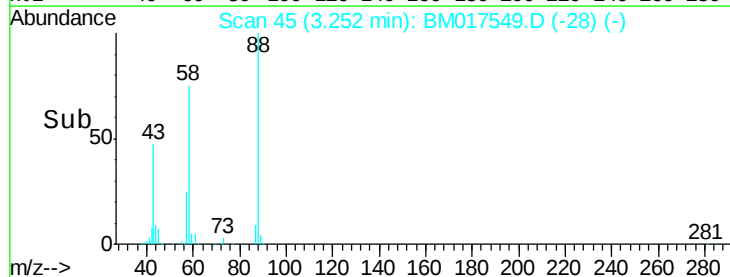
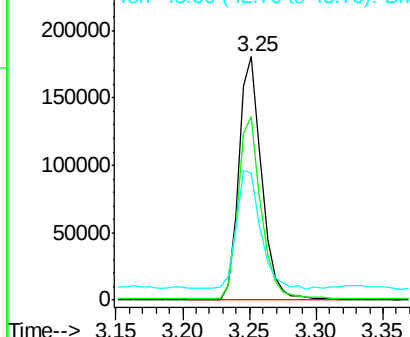
Lab File: BM017549.D

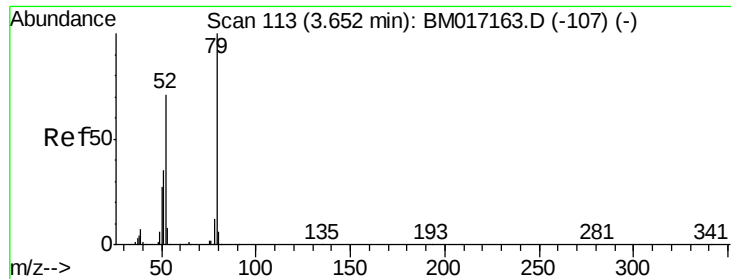
Acq: 07 Nov 2018 04:28

Tgt Ion:	88	Resp:	215936
Ion Ratio	Lower	Upper	
88	100		
58	75.1	50.2	75.4
43	51.2	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: 35.591 ng

RT: 3.63 min Scan# 110

Delta R.T. -0.00 min

Lab File: BM017549.D

Acq: 07 Nov 2018 04:28

Instrument :

BNA_M

ClientSampleId :

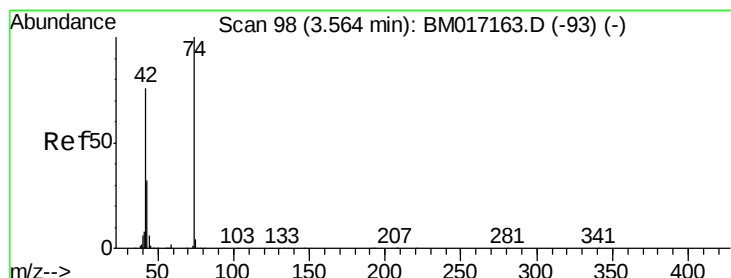
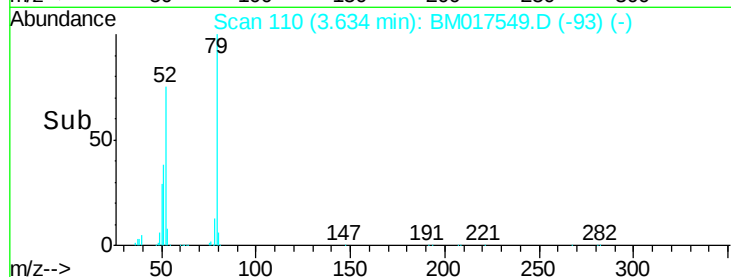
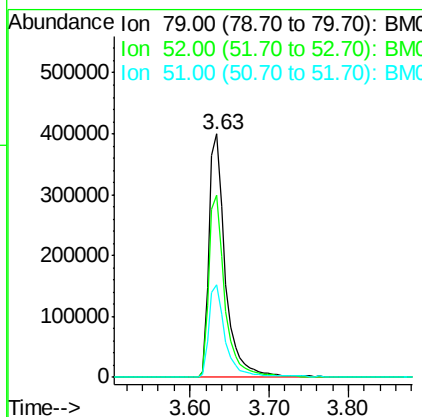
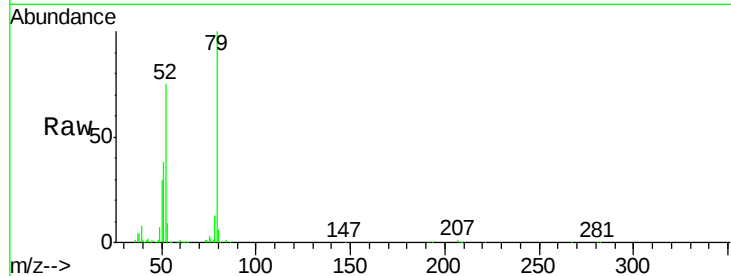
NB-08-110518MSD

Tgt Ion: 79 Resp: 575066

Ion	Ratio	Lower	Upper
79	100		
52	75.0	46.5	69.7#
51	38.2	24.6	37.0#

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#4

n-Nitrosodimethylamine

Concen: 51.736 ng

RT: 3.54 min Scan# 94

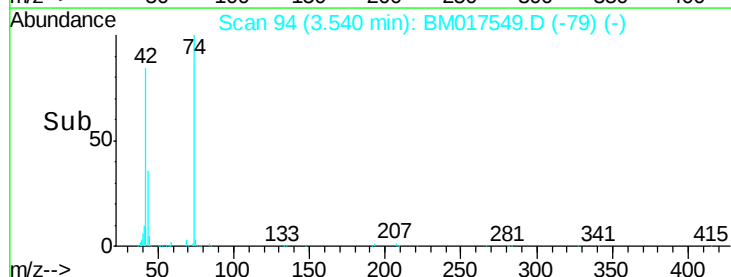
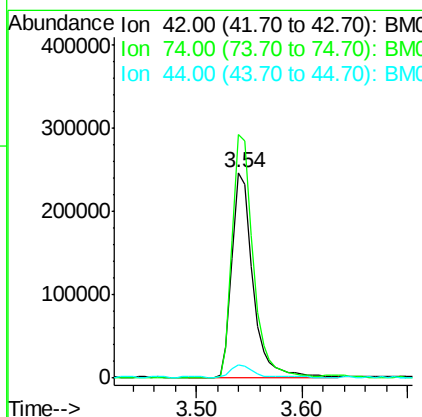
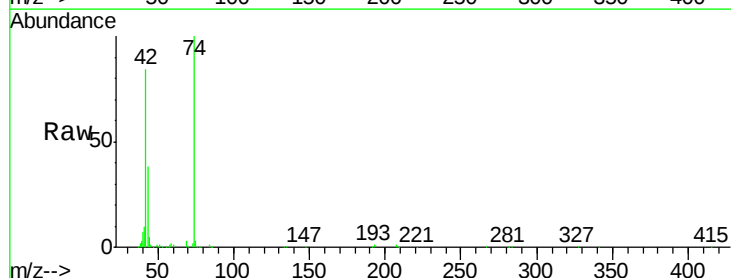
Delta R.T. -0.01 min

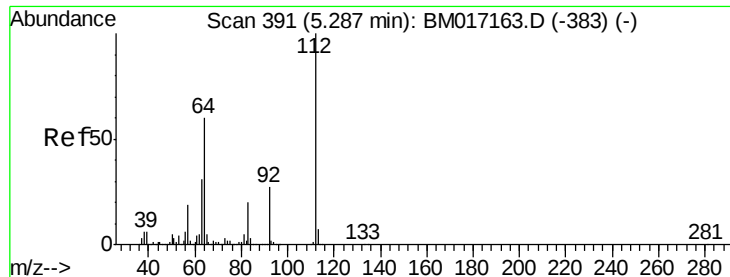
Lab File: BM017549.D

Acq: 07 Nov 2018 04:28

Tgt Ion: 42 Resp: 335578

Ion	Ratio	Lower	Upper
42	100		
74	118.5	114.4	171.6
44	6.3	48.6	73.0#





#5

2-Fluorophenol

Concen: 120.712 ng

RT: 5.25 min Scan# 385

Delta R.T. -0.01 min

Lab File: BM017549.D

Acq: 07 Nov 2018 04:28

Instrument :

BNA_M

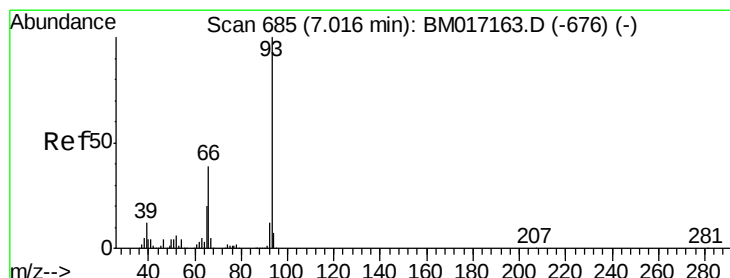
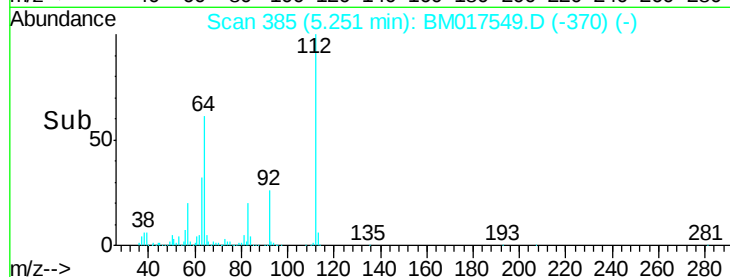
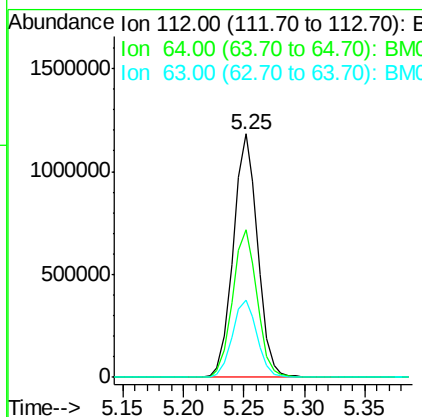
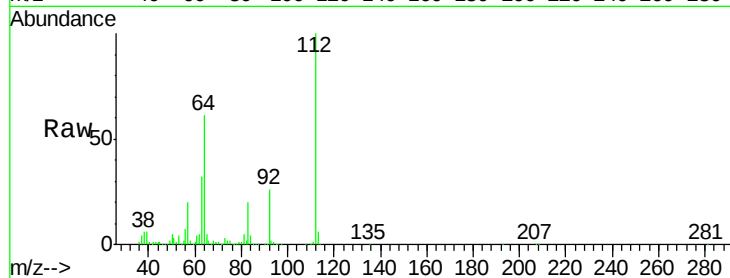
ClientSampleId :

NB-08-110518MSD

Tgt Ion:	112	Resp:	1660012
Ion	Ratio	Lower	Upper
112	100		
64	60.5	41.7	62.5
63	31.9	23.0	34.4

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#6

Aniline

Concen: 20.294 ng

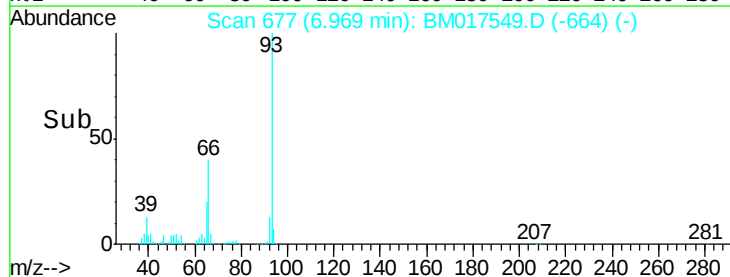
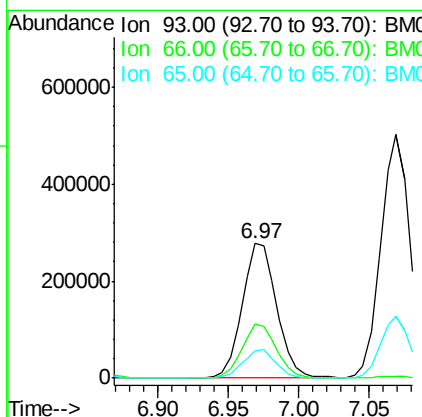
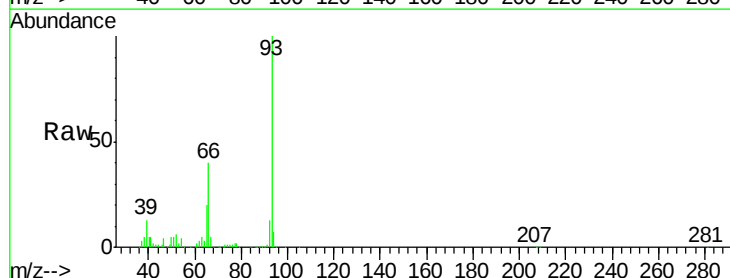
RT: 6.97 min Scan# 677

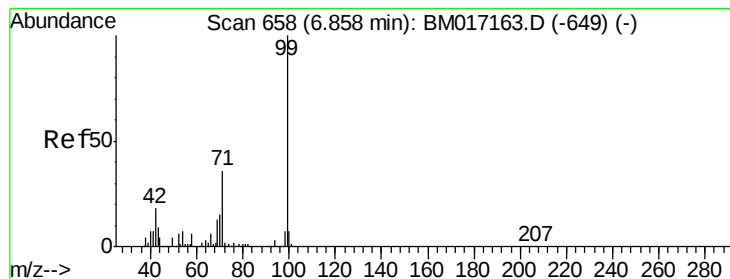
Delta R.T. -0.02 min

Lab File: BM017549.D

Acq: 07 Nov 2018 04:28

Tgt Ion:	93	Resp:	475404
Ion	Ratio	Lower	Upper
93	100		
66	40.3	30.4	45.6
65	20.5	15.3	22.9





#7

Phenol-d6

Concen: 111.433 ng

RT: 6.82 min Scan# 651

Delta R.T. -0.02 min

Lab File: BM017549.D

Acq: 07 Nov 2018 04:28

Instrument :

BNA_M

ClientSampleId :

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Tgt Ion: 99 Resp: 2087040

Ion Ratio Lower Upper

99 100

42 19.6 13.3 19.9

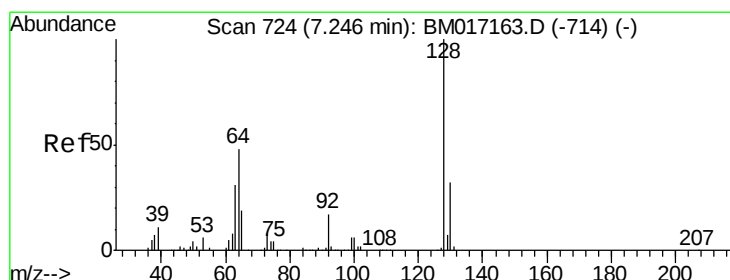
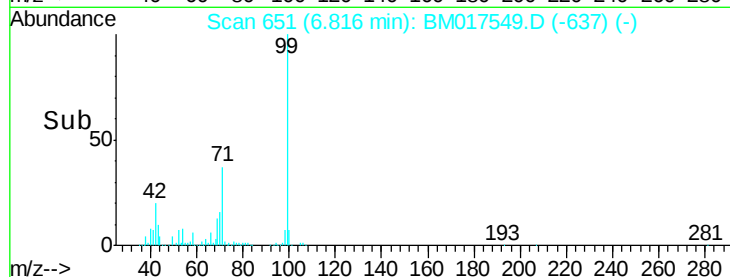
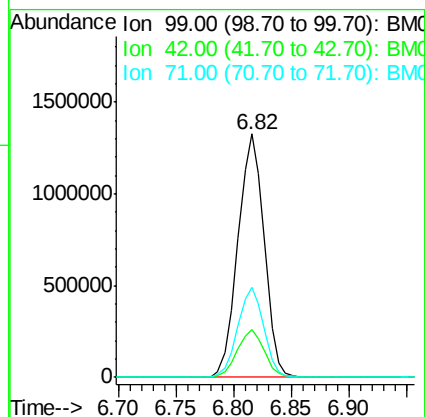
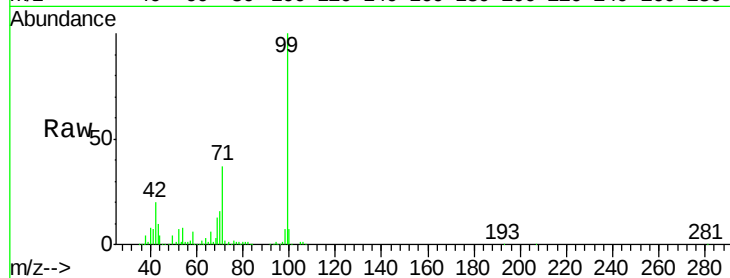
71 36.8 28.0 42.0

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#8

2-Chlorophenol

Concen: 48.469 ng

RT: 7.20 min Scan# 716

Delta R.T. -0.02 min

Lab File: BM017549.D

Acq: 07 Nov 2018 04:28

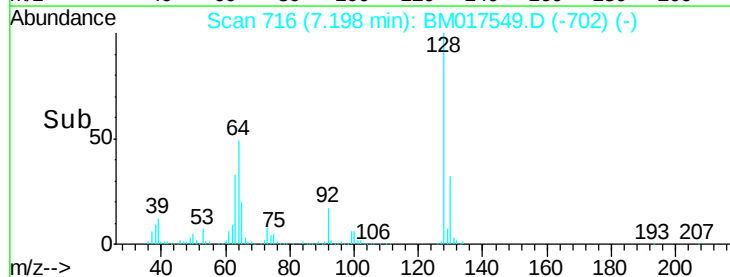
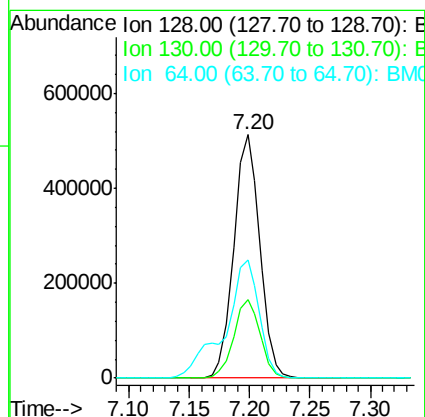
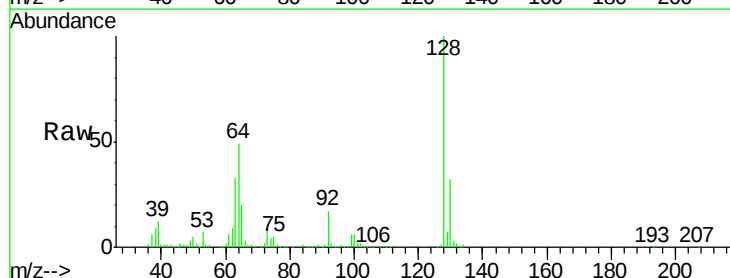
Tgt Ion: 128 Resp: 771110

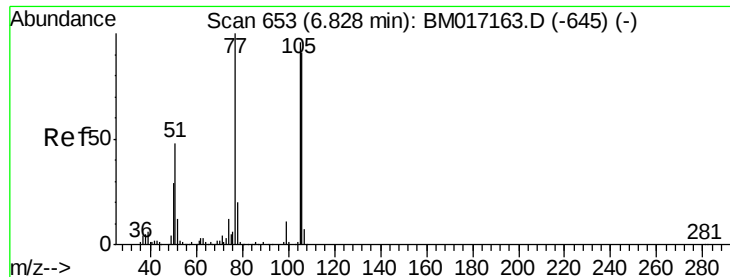
Ion Ratio Lower Upper

128 100

130 32.3 11.0 51.0

64 48.8 24.1 64.1





#9

Benzaldehyde

Concen: 40.415 ng

RT: 6.79 min Scan# 646

Delta R.T. -0.02 min

Lab File: BM017549.D

Acq: 07 Nov 2018 04:28

Instrument :

BNA_M

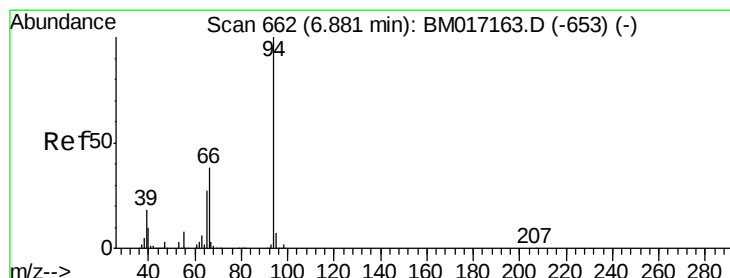
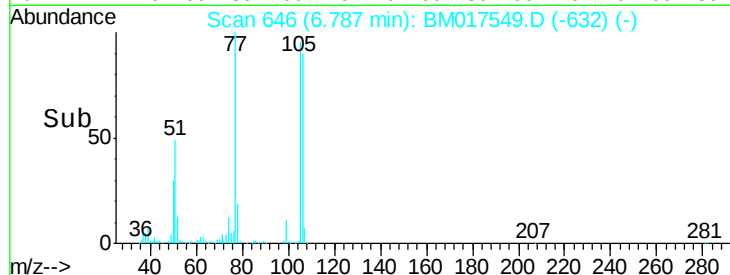
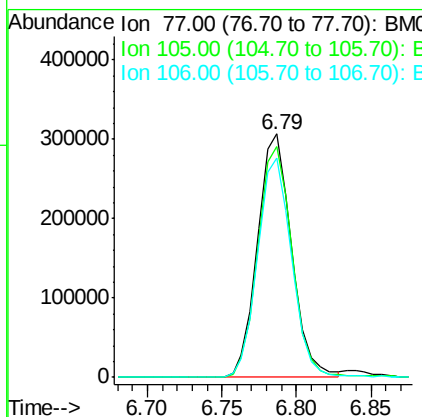
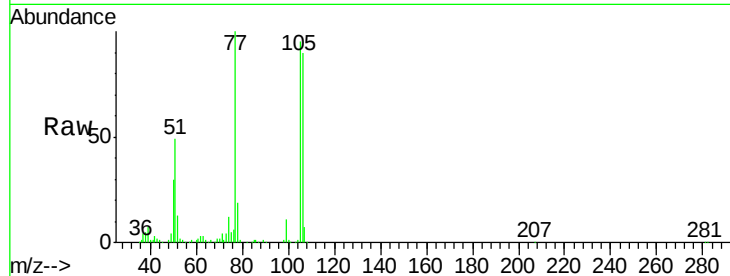
ClientSampleId :

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Tgt Ion:	77	Resp:	482635
Ion Ratio	Lower	Upper	
77	100		
105	94.9	83.9	123.9
106	90.2	78.2	118.2

Manual Integrations
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#10

Phenol

Concen: 41.633 ng

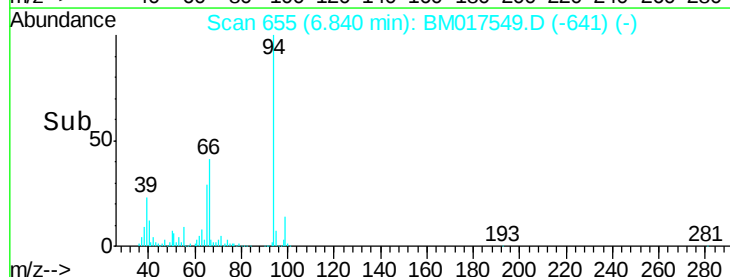
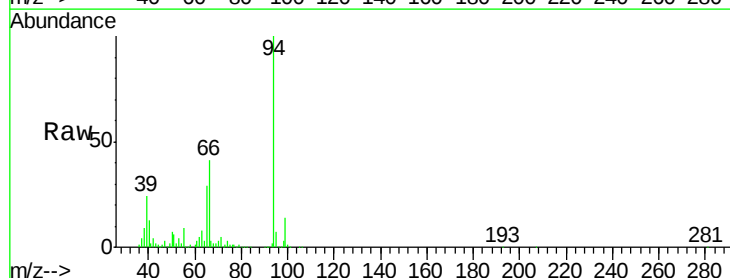
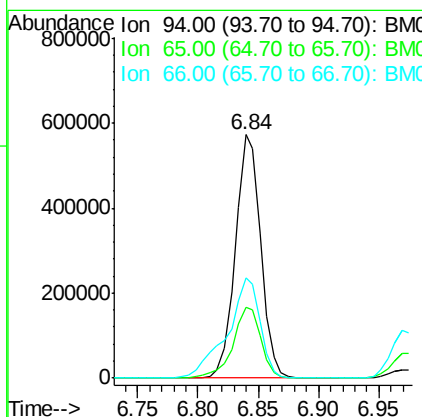
RT: 6.84 min Scan# 655

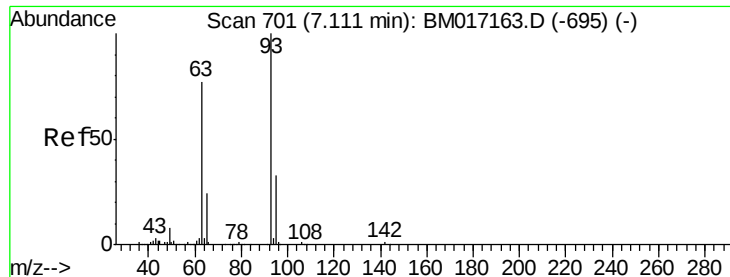
Delta R.T. -0.02 min

Lab File: BM017549.D

Acq: 07 Nov 2018 04:28

Tgt Ion:	94	Resp:	839208
Ion Ratio	Lower	Upper	
94	100		
65	29.1	9.4	49.4
66	41.1	19.0	59.0





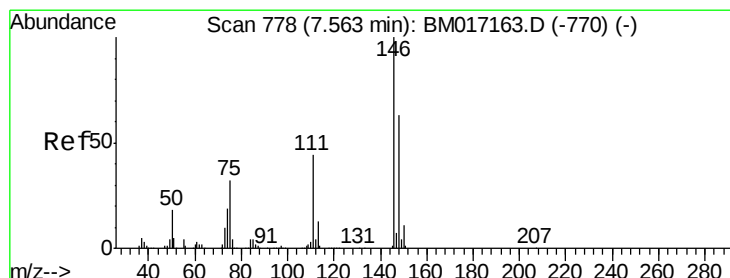
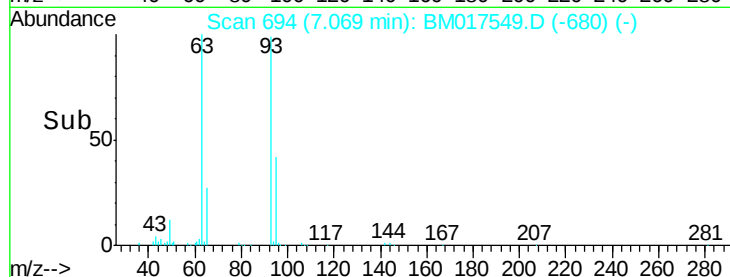
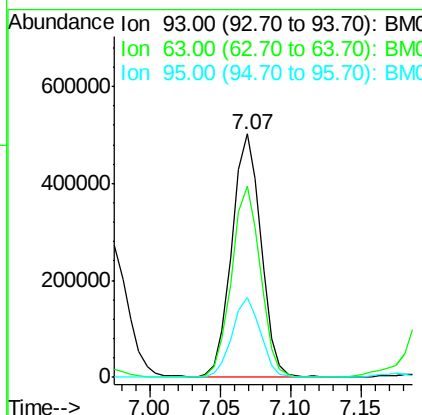
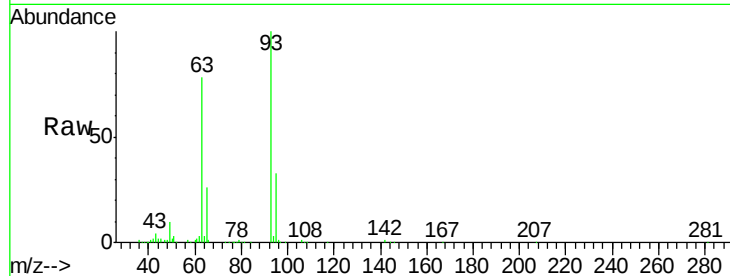
#11
bis(2-Chloroethyl)ether
Concen: 44.732 ng
RT: 7.07 min Scan# 694
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Instrument :
BNA_M
ClientSampleId :
NB-08-110518MSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	78.4	54.0	94.0
95	32.7	11.8	51.8

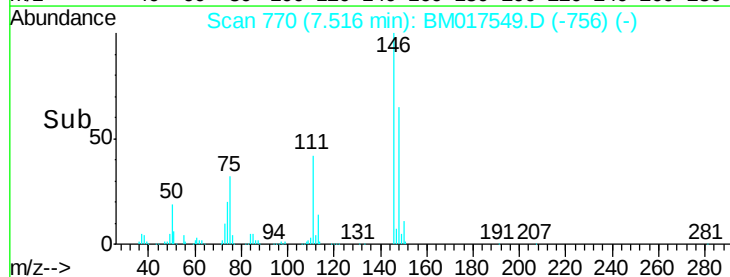
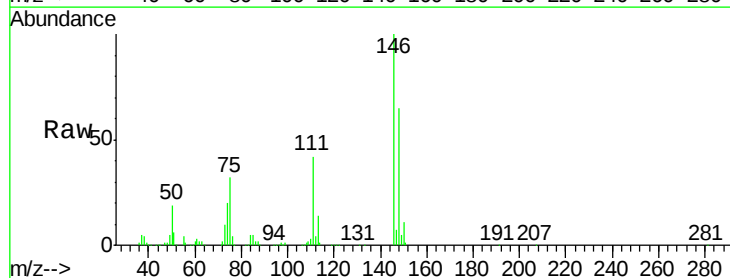
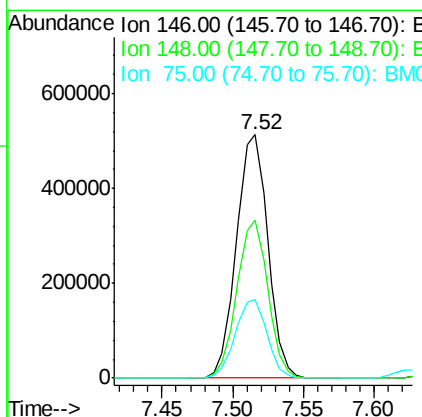
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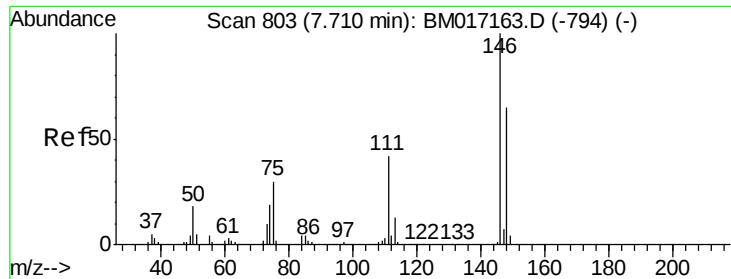
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#12
1,3-Dichlorobenzene
Concen: 43.155 ng
RT: 7.52 min Scan# 770
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.2	75.4
75	32.2	23.3	34.9





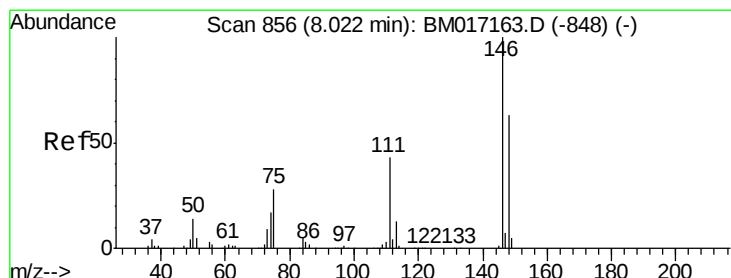
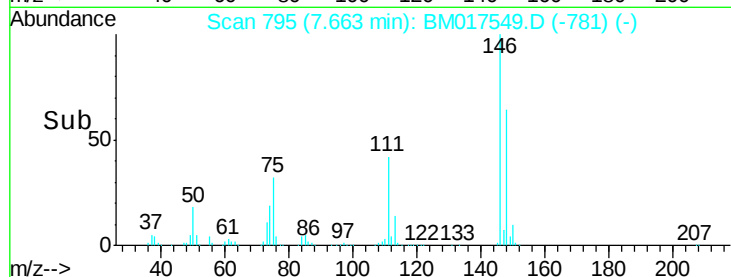
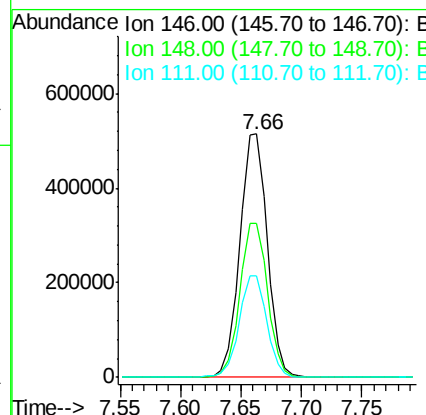
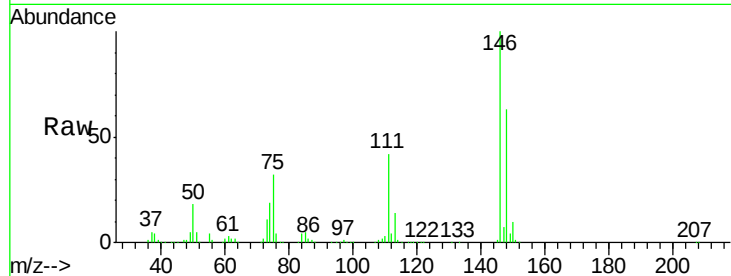
#13
 1,4-Dichlorobenzene
 Concen: 43.203 ng
 RT: 7.66 min Scan# 795
 Delta R.T. -0.02 min
 Lab File: BM017549.D
 Acq: 07 Nov 2018 04:28

Instrument :
 BNA_M
 ClientSampleId :
 NB-08-110518MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	49.8	74.6
111	41.8	32.1	48.1

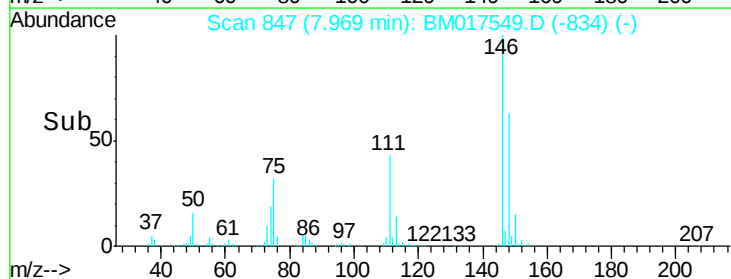
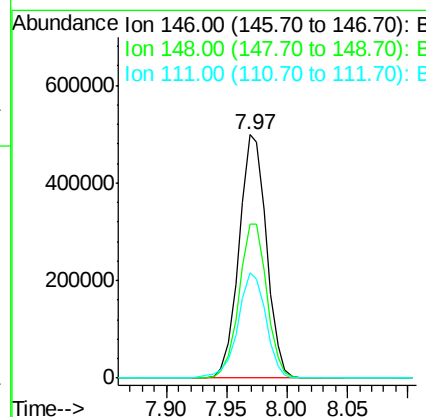
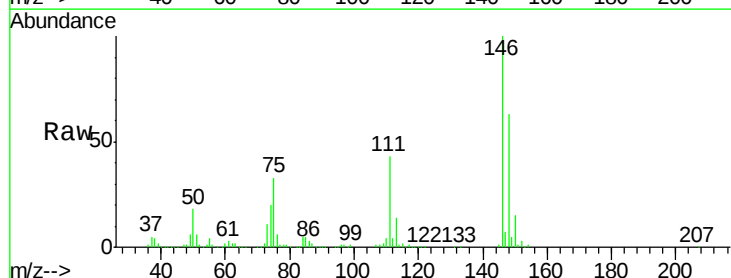
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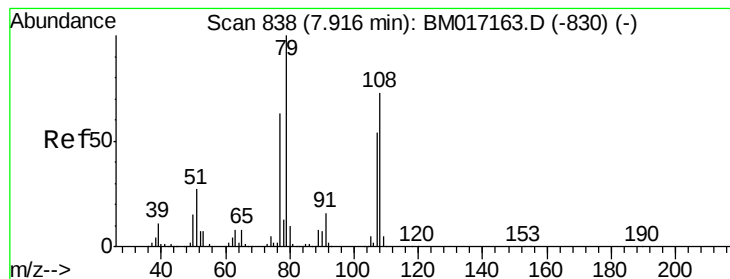
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#14
 1,2-Dichlorobenzene
 Concen: 43.205 ng
 RT: 7.97 min Scan# 847
 Delta R.T. -0.02 min
 Lab File: BM017549.D
 Acq: 07 Nov 2018 04:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.8	76.2
111	43.1	33.8	50.6





#15

Benzyl Alcohol

Concen: 54.010 ng

RT: 7.87 min Scan# 831

Delta R.T. -0.02 min

Lab File: BM017549.D

Acq: 07 Nov 2018 04:28

Instrument :

BNA_M

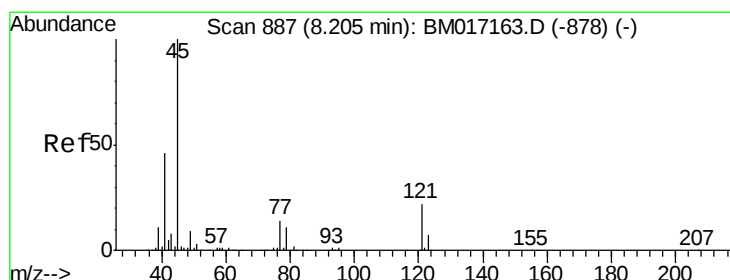
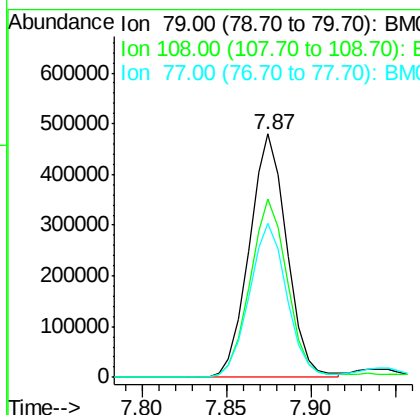
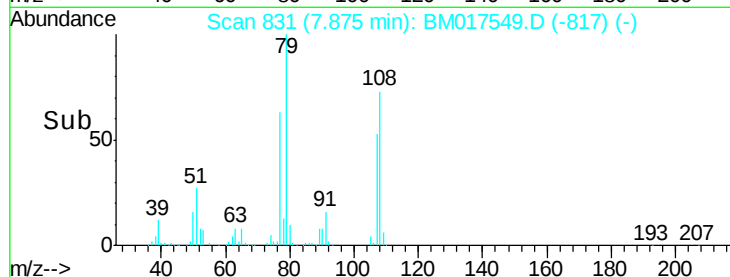
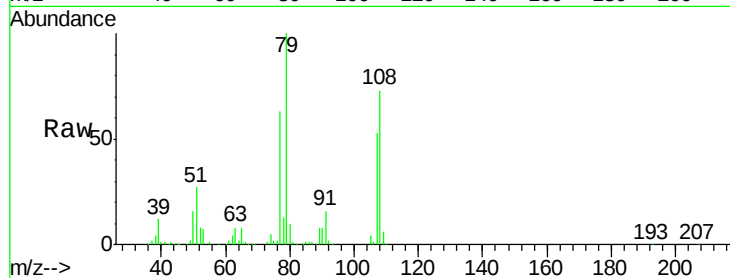
ClientSampleId :

NB-08-110518MSD

Tgt Ion:	79	Resp:	739401
Ion Ratio	Lower	Upper	
79	100		
108	73.2	60.3	90.5
77	63.0	54.8	82.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 47.348 ng

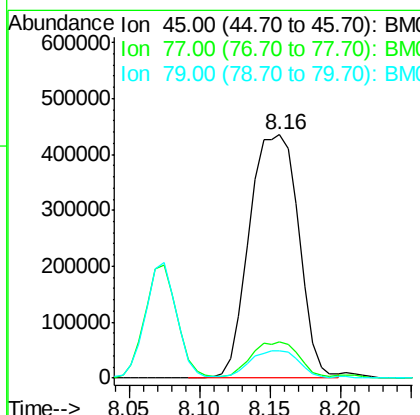
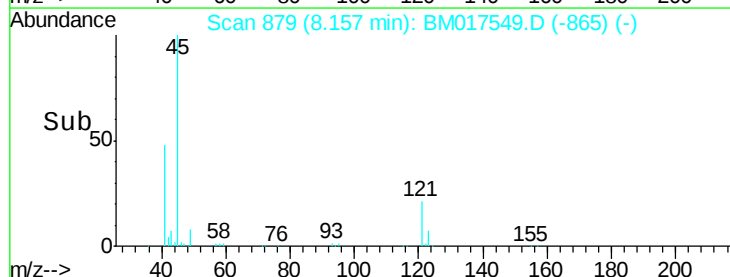
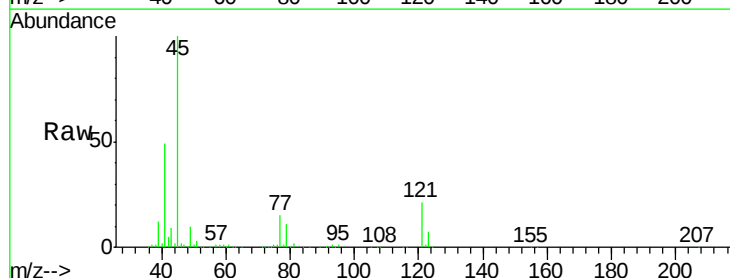
RT: 8.16 min Scan# 879

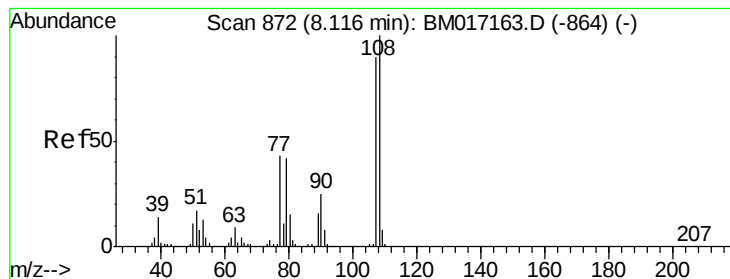
Delta R.T. -0.02 min

Lab File: BM017549.D

Acq: 07 Nov 2018 04:28

Tgt Ion:	45	Resp:	1062917
Ion Ratio	Lower	Upper	
45	100		
77	14.7	0.0	35.5
79	11.0	0.0	32.1





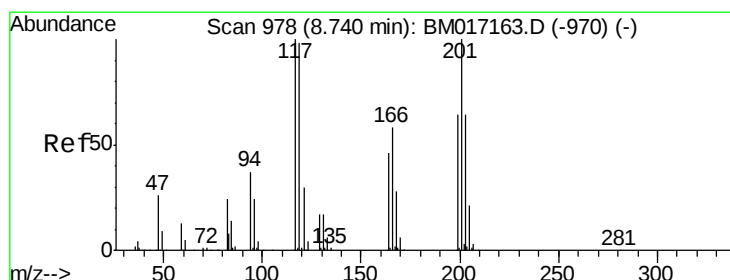
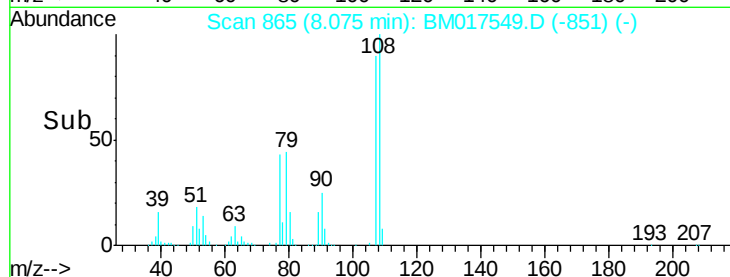
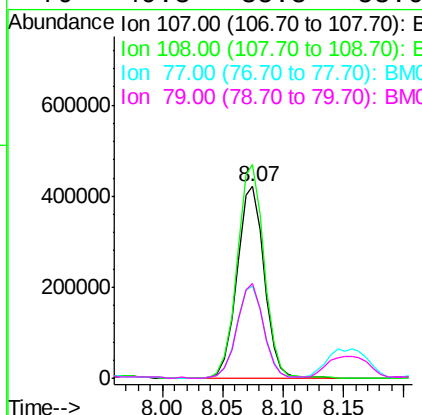
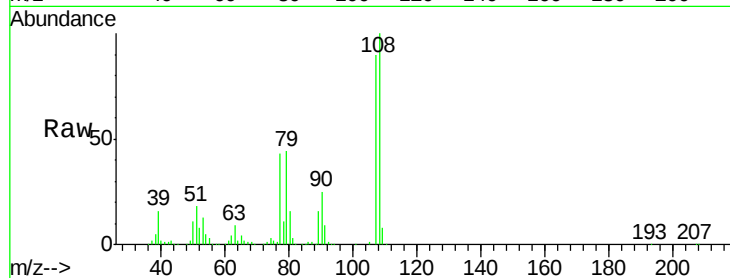
#17
2-Methylphenol
Concen: 51.015 ng
RT: 8.07 min Scan# 865
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Instrument :
BNA_M
ClientSampleId :
NB-08-110518MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	660039		
108	111.6	90.3	135.5	
77	47.9	37.0	55.4	
79	49.3	35.8	53.6	

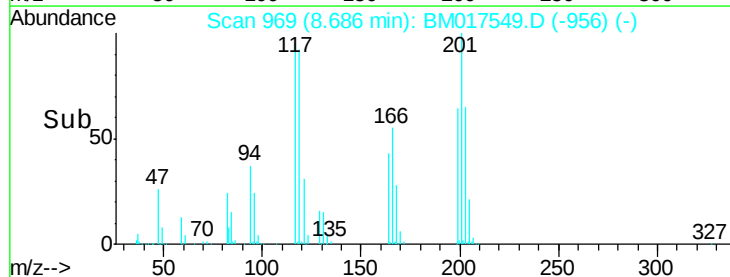
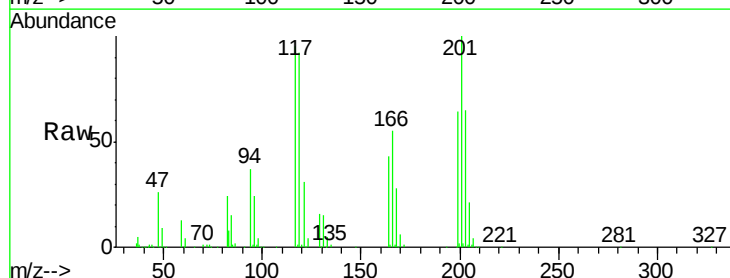
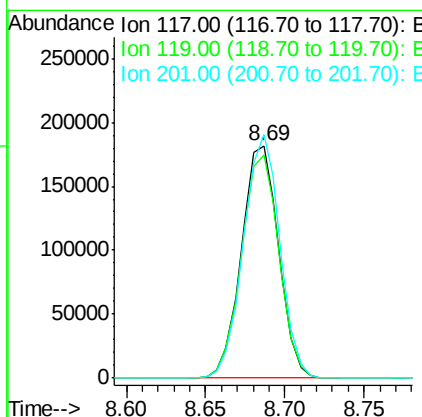
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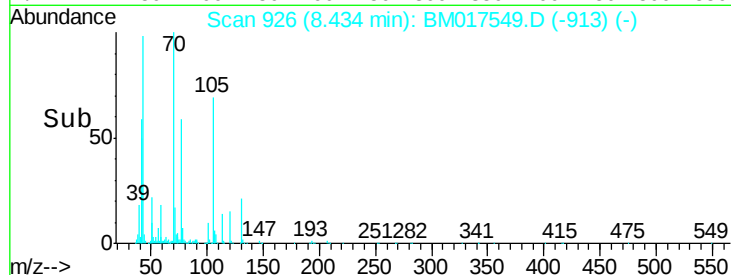
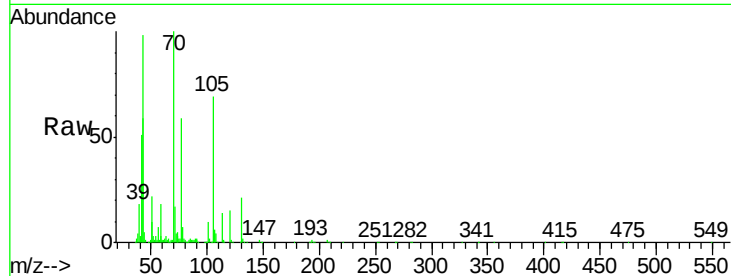
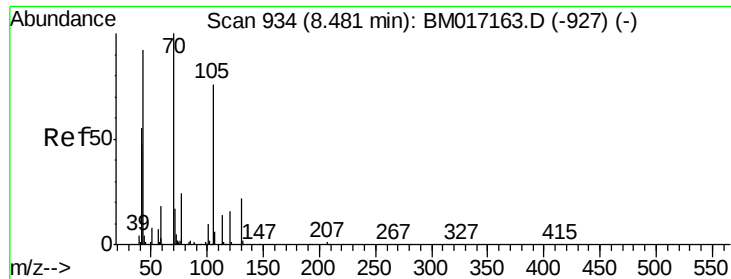
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#18
Hexachloroethane
Concen: 45.562 ng
RT: 8.69 min Scan# 969
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	295443		
119	96.0	78.2	117.2	
201	104.7	85.3	127.9	





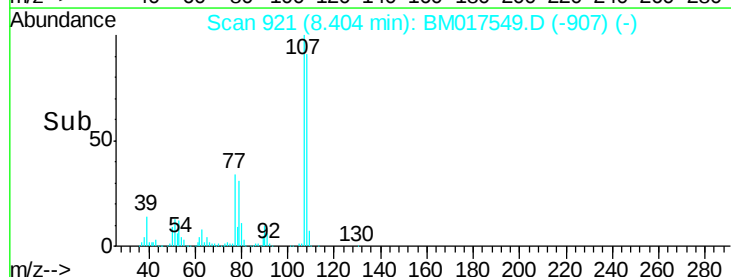
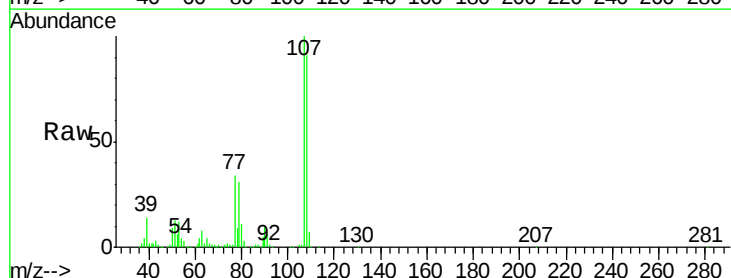
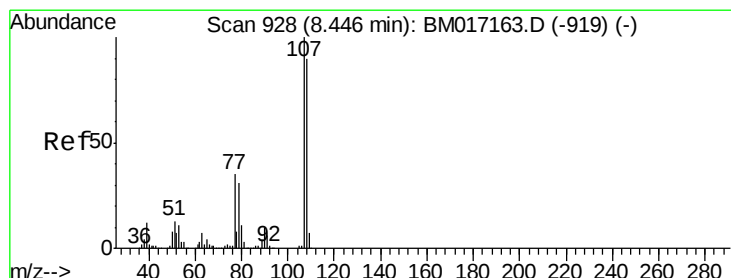
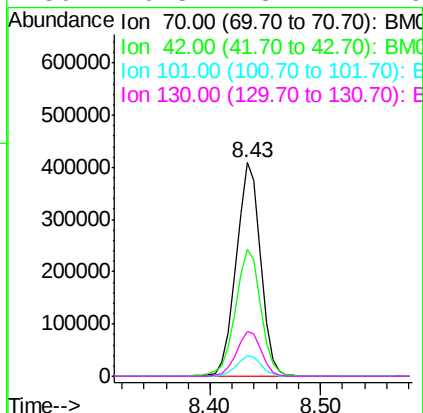
#19
n-Nitroso-di-n-propylamine
Concen: 51.113 ng
RT: 8.43 min Scan# 926
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Instrument :
BNA_M
ClientSampleId :
NB-08-110518MSD

Manual Integrations
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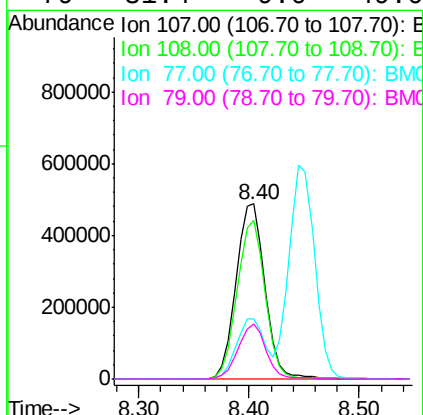
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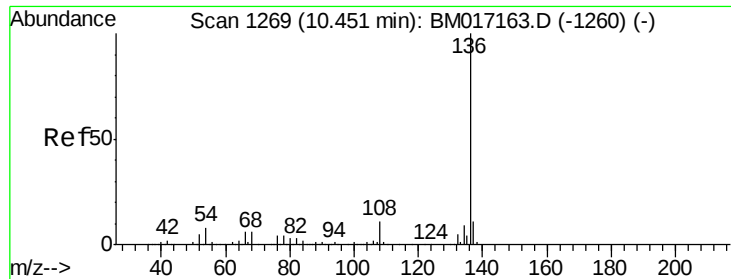
Tgt Ion	Ratio	Lower	Upper
70	100		
42	59.1	46.1	69.1
101	9.7	8.2	12.4
130	20.8	18.4	27.6



#20
3+4-Methylphenols
Concen: 50.930 ng
RT: 8.40 min Scan# 921
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.8	69.9	109.9
77	34.3	12.2	52.2
79	31.4	9.0	49.0





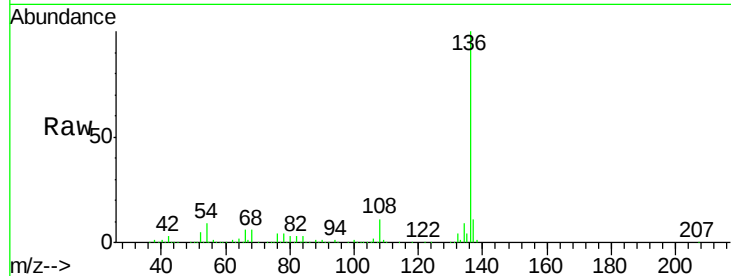
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.40 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Instrument :
BNA_M
ClientSampleId :
NB-08-110518MSD

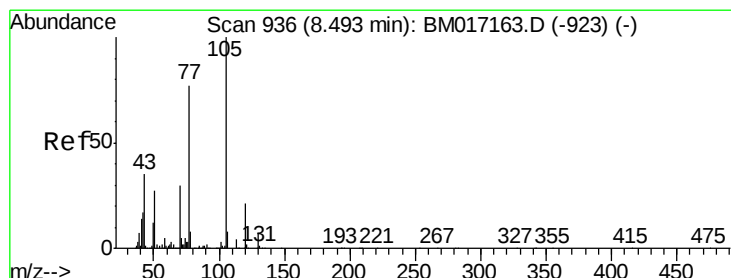
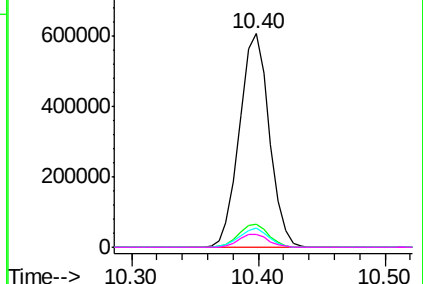
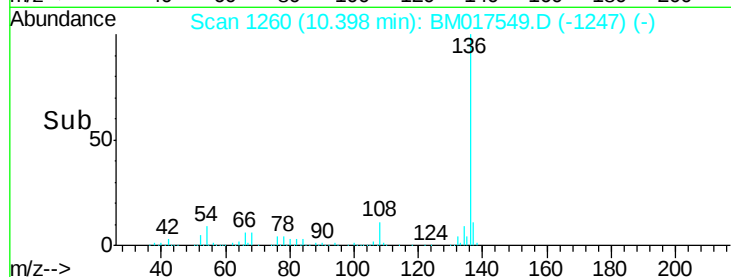
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	988663		
137	10.6	9.2	13.8	
54	8.9	6.7	10.1	
68	6.2	4.7	7.1	

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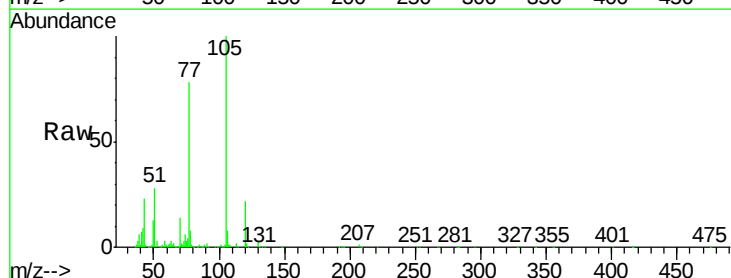


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

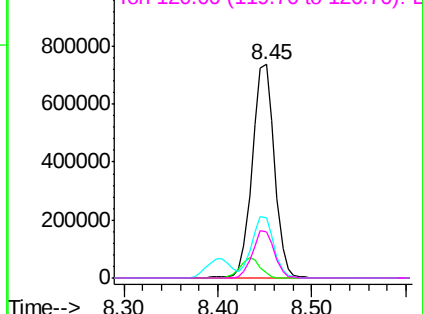
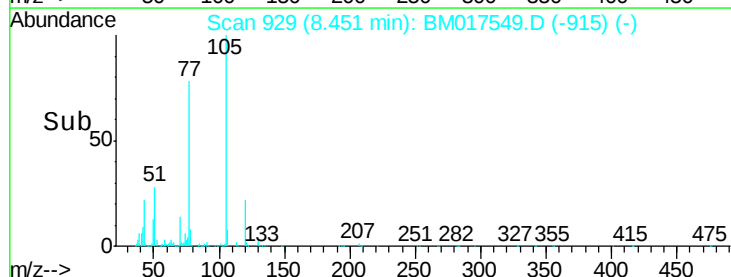


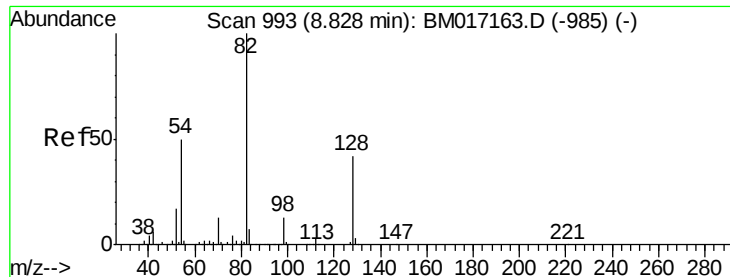
#22
Acetophenone
Concen: 48.211 ng
RT: 8.45 min Scan# 929
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1208226		
71	2.2	2.0	3.0	
51	28.0	20.6	31.0	
120	21.8	17.5	26.3	



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM0
Ion 51.00 (50.70 to 51.70): BM0
Ion 120.00 (119.70 to 120.70): E





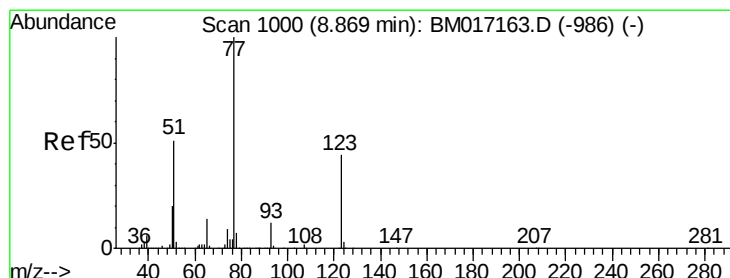
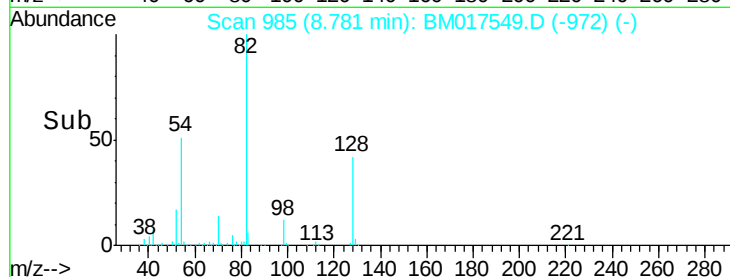
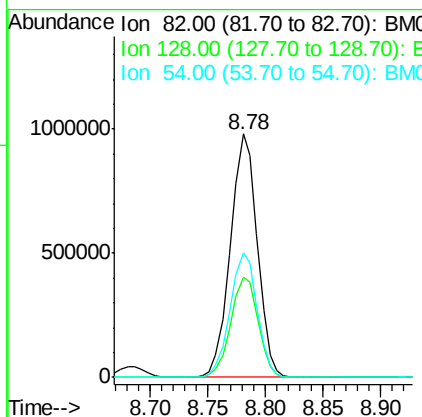
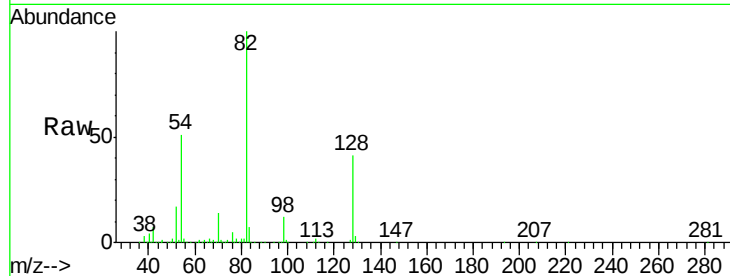
#23
 Nitrobenzene-d5
 Concen: 93.722 ng
 RT: 8.78 min Scan# 985
 Delta R.T. -0.02 min
 Lab File: BM017549.D
 Acq: 07 Nov 2018 04:28

Instrument :
 BNA_M
 ClientSampleId :
 NB-08-110518MSD

Tgt Ion: 82 Resp: 1584305
 Ion Ratio Lower Upper
 82 100
 128 41.3 37.0 55.6
 54 50.9 40.7 61.1

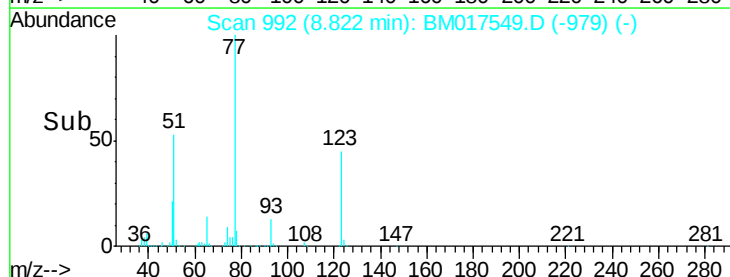
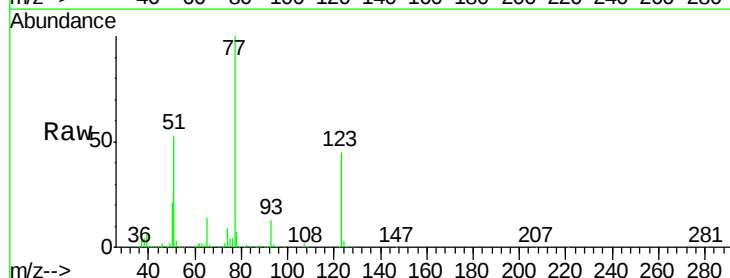
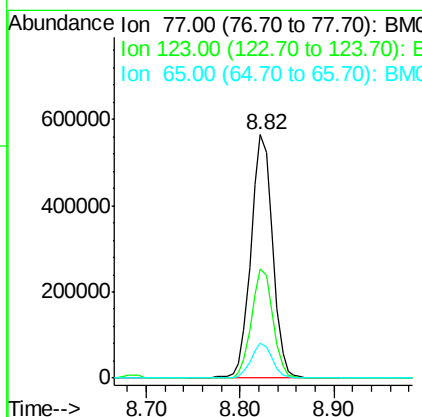
Manual Integrations
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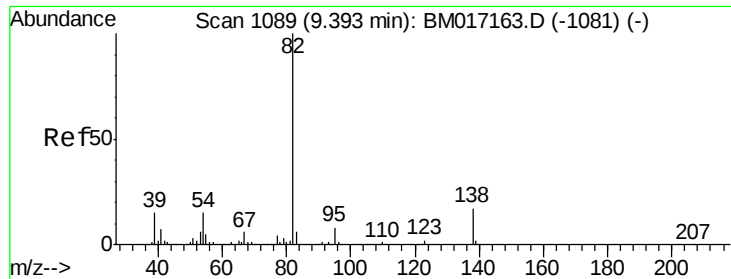
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#24
 Nitrobenzene
 Concen: 50.425 ng
 RT: 8.82 min Scan# 992
 Delta R.T. -0.02 min
 Lab File: BM017549.D
 Acq: 07 Nov 2018 04:28

Tgt Ion: 77 Resp: 901653
 Ion Ratio Lower Upper
 77 100
 123 44.7 40.2 60.4
 65 14.3 11.4 17.0





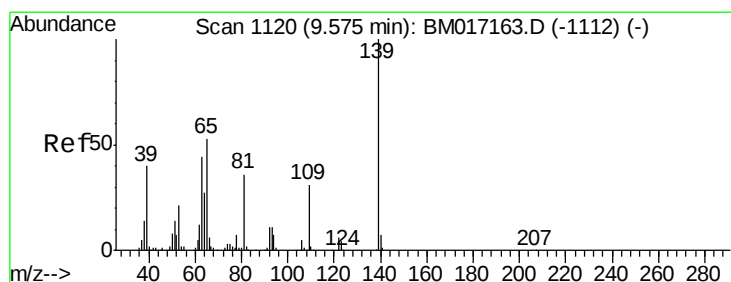
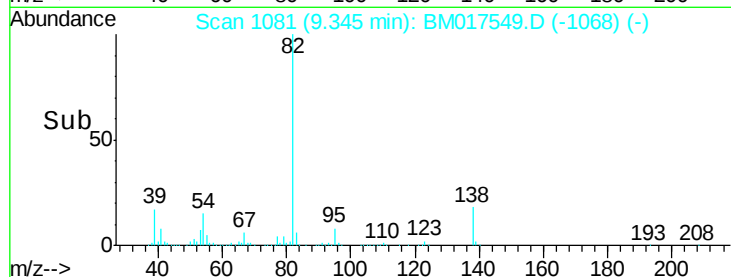
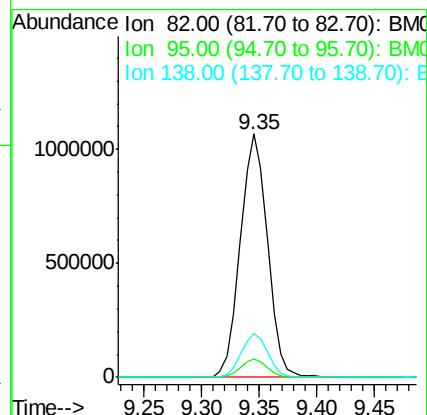
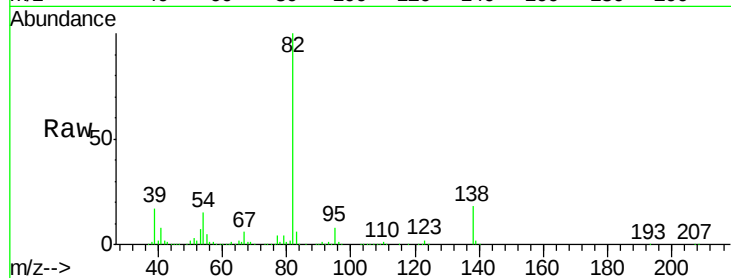
#25
Isophorone
Concen: 62.440 ng
RT: 9.35 min Scan# 1081
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Instrument :
BNA_M
ClientSampleId :
NB-08-110518MSD

Tgt Ion: 82 Resp: 1742943
Ion Ratio Lower Upper
82 100
95 7.6 6.0 9.0
138 17.9 15.4 23.2

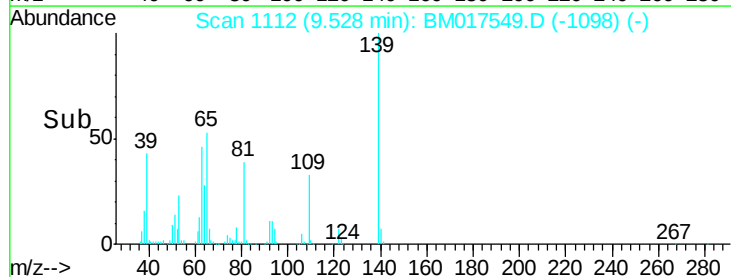
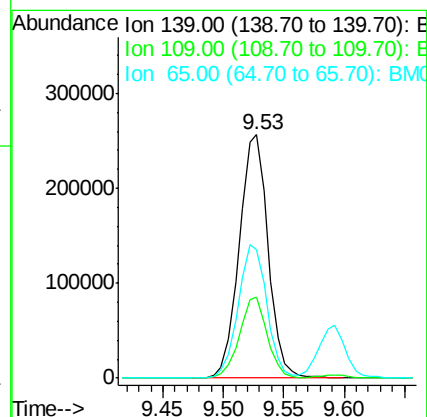
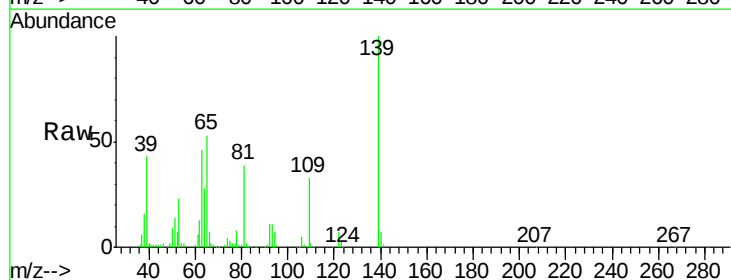
Manual Integrations
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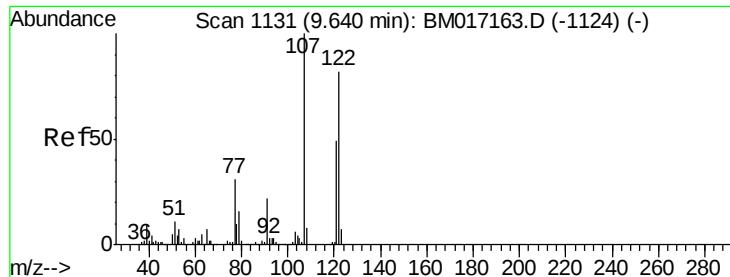
Sohil
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#26
2-Nitrophenol
Concen: 50.790 ng
RT: 9.53 min Scan# 1112
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Tgt Ion: 139 Resp: 428183
Ion Ratio Lower Upper
139 100
109 33.3 23.2 34.8
65 52.6 40.6 61.0





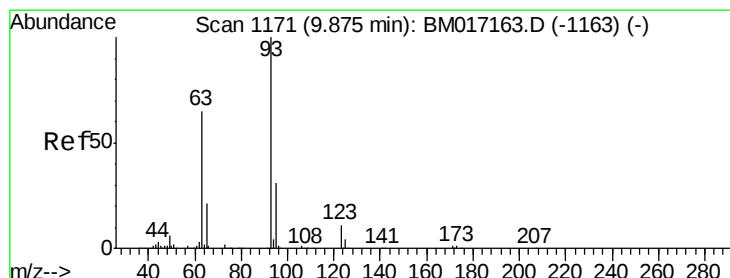
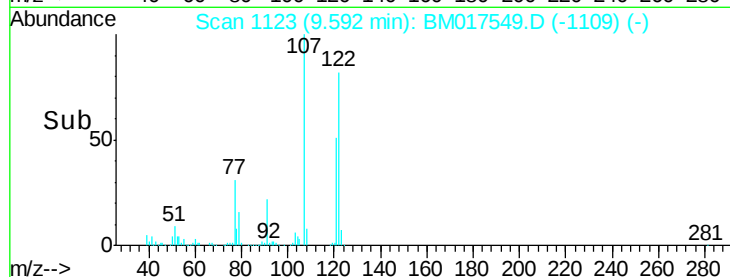
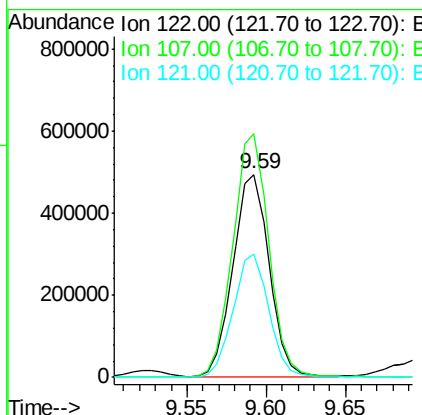
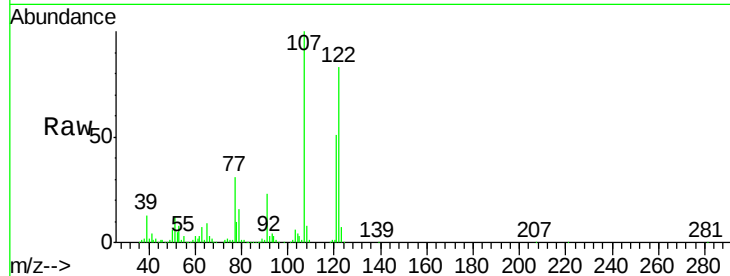
#27
 2,4-Dimethylphenol
 Concen: 63.248 ng
 RT: 9.59 min Scan# 1123
 Delta R.T. -0.02 min
 Lab File: BM017549.D
 Acq: 07 Nov 2018 04:28

Instrument :
 BNA_M
 ClientSampleId :
 NB-08-110518MSD

Tgt Ion	Ratio	Lower	Upper
122	100		
107	119.9	95.0	142.6
121	60.7	48.2	72.4

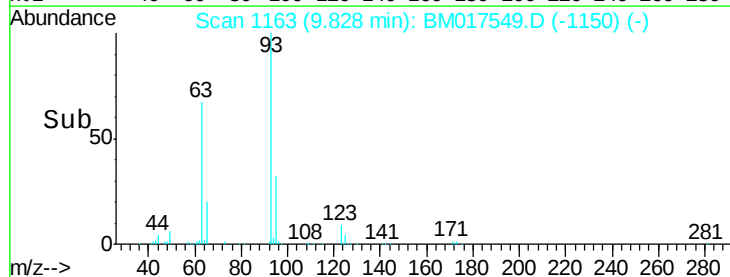
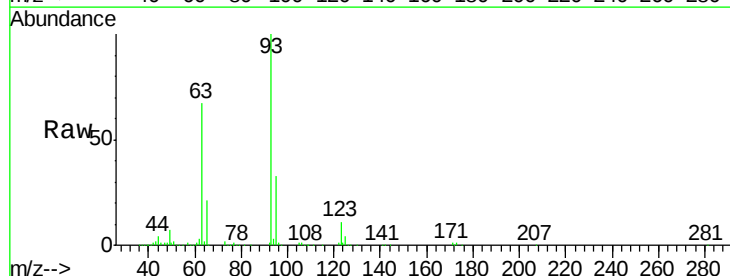
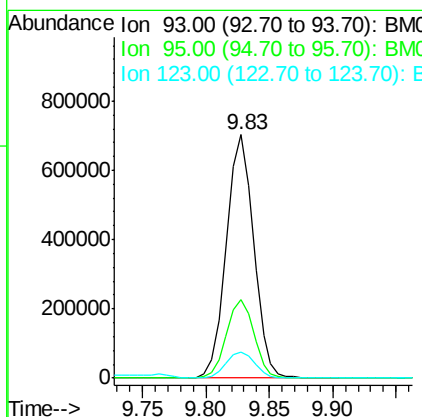
Manual Integrations
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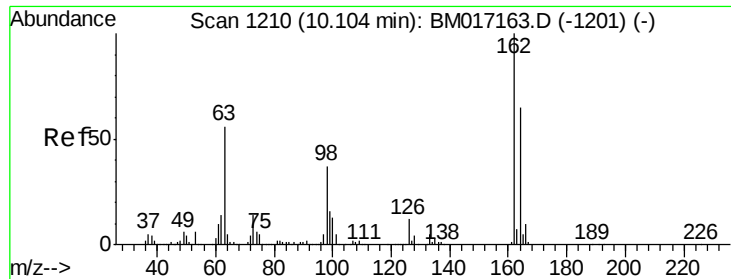
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#28
 bis(2-Chloroethoxy)methane
 Concen: 53.568 ng
 RT: 9.83 min Scan# 1163
 Delta R.T. -0.02 min
 Lab File: BM017549.D
 Acq: 07 Nov 2018 04:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.7	38.5
123	10.6	9.4	14.0





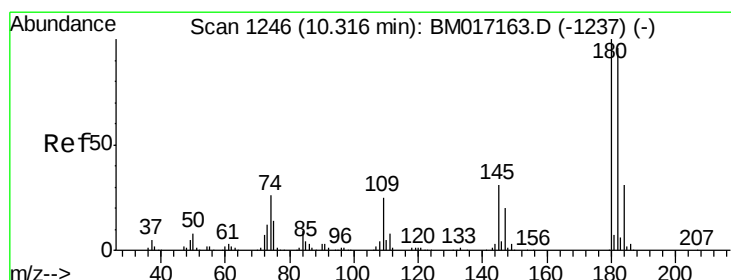
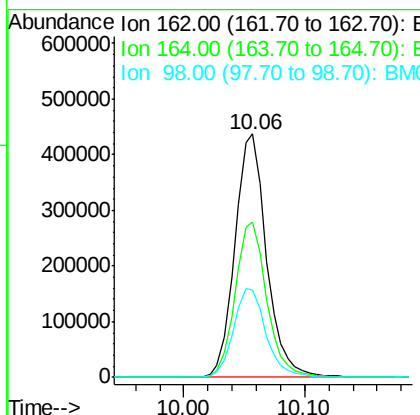
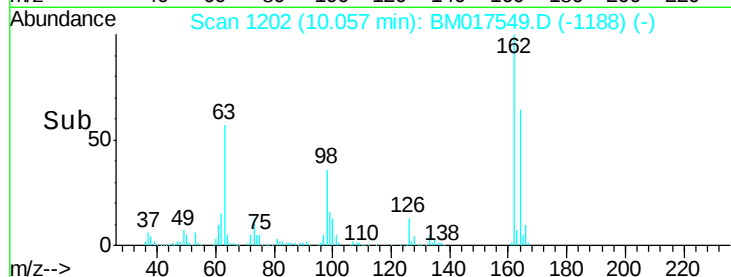
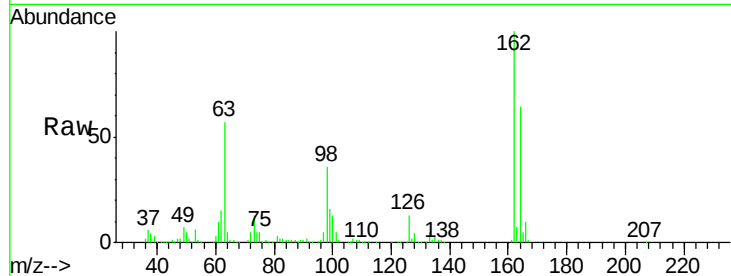
#29
2,4-Dichlorophenol
Concen: 55.723 ng
RT: 10.06 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Instrument :
BNA_M
ClientSampleId :
NB-08-110518MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	798577		
164	63.9	44.9	84.9	
98	36.1	15.8	55.8	

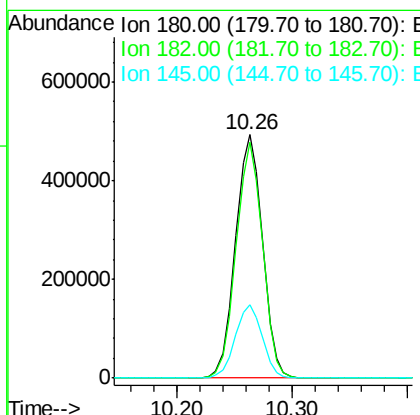
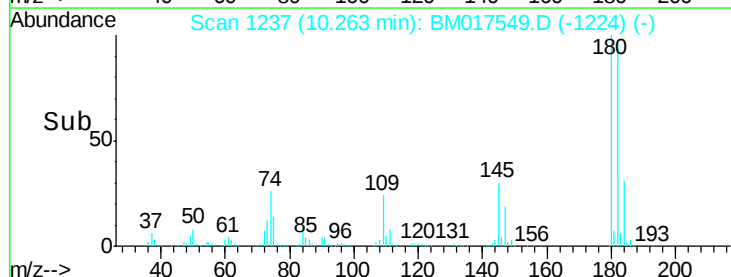
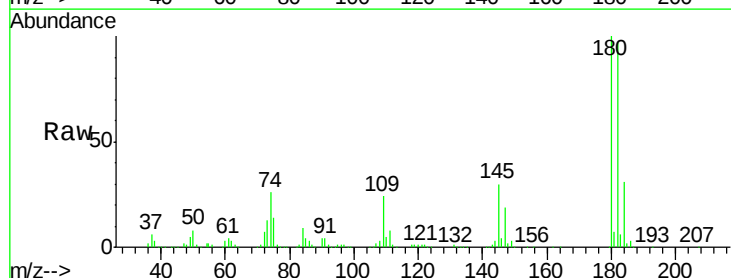
Manual Integrations
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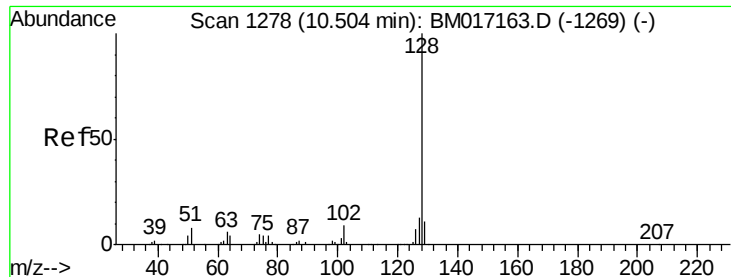
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#30
1,2,4-Trichlorobenzene
Concen: 46.409 ng
RT: 10.26 min Scan# 1237
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	797851		
182	96.9	77.5	116.3	
145	30.1	24.0	36.0	





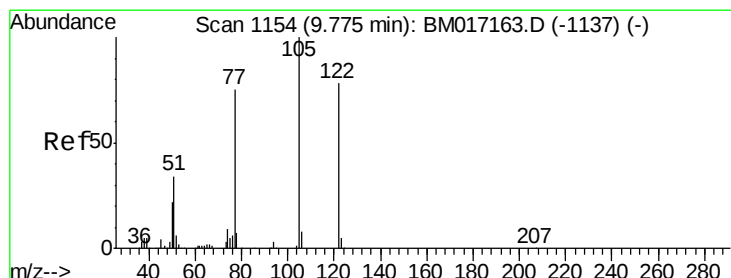
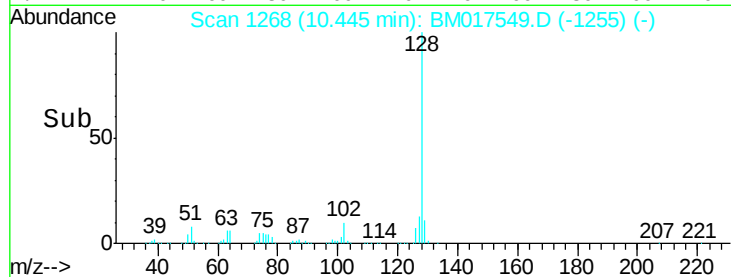
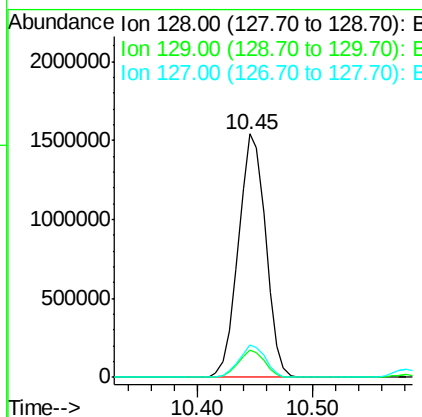
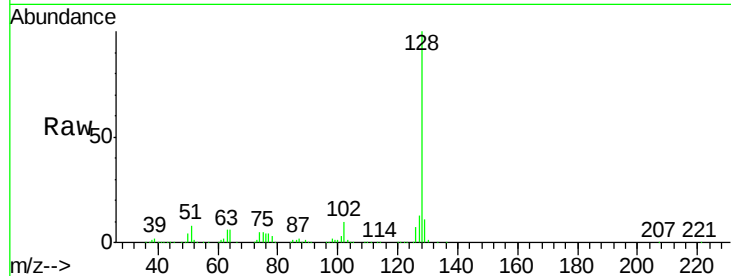
#31
Naphthalene
Concen: 52.212 ng
RT: 10.45 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Instrument :
BNA_M
ClientSampleId :
NB-08-110518MSD

Tgt Ion:128 Resp: 2529700
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 13.1 10.3 15.5

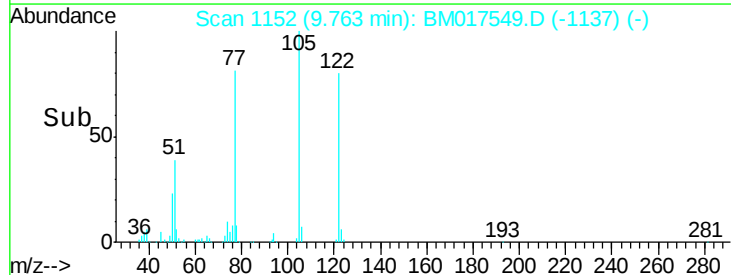
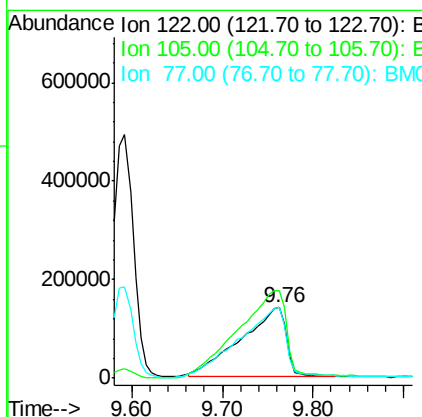
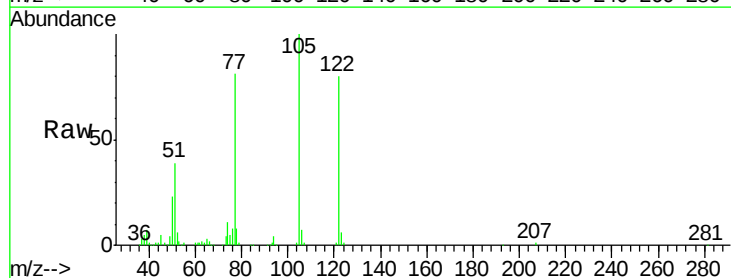
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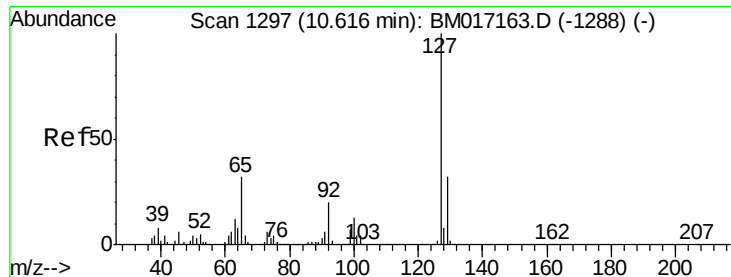
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#32
Benzoic acid
Concen: 53.050 ng
RT: 9.76 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Tgt Ion:122 Resp: 488567
Ion Ratio Lower Upper
122 100
105 125.3 102.0 142.0
77 101.1 67.7 107.7





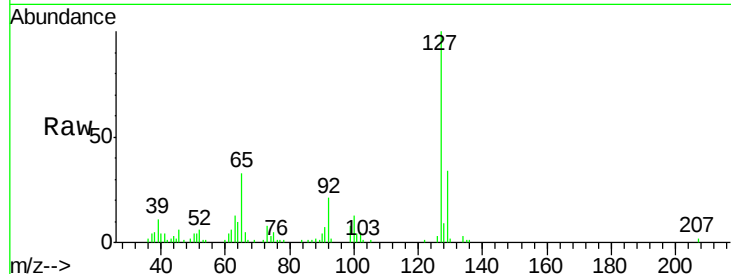
#33
4-Chloroaniline
Concen: 4.586 ng
RT: 10.58 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Instrument :
BNA_M
ClientSampleId :
NB-08-110518MSD

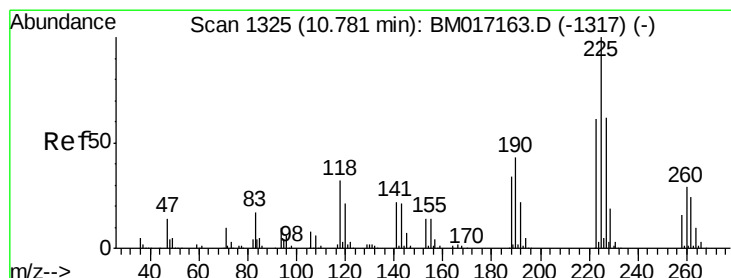
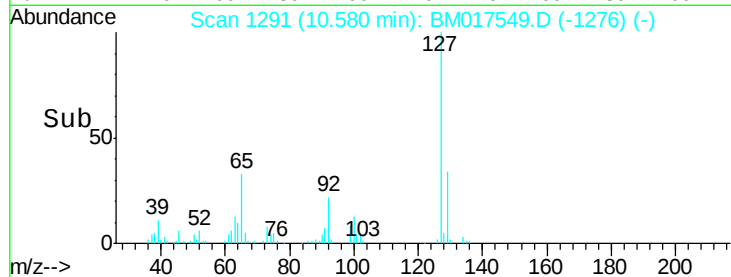
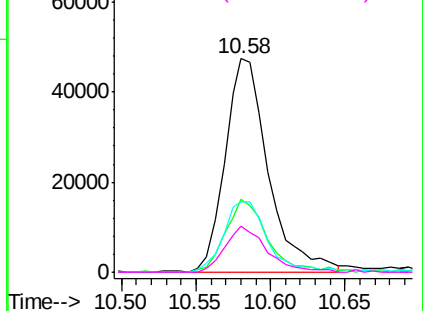
Tgt Ion	Ratio	Lower	Upper
127	100		
129	34.1	26.2	39.4
65	33.0	23.7	35.5
92	21.4	14.3	21.5

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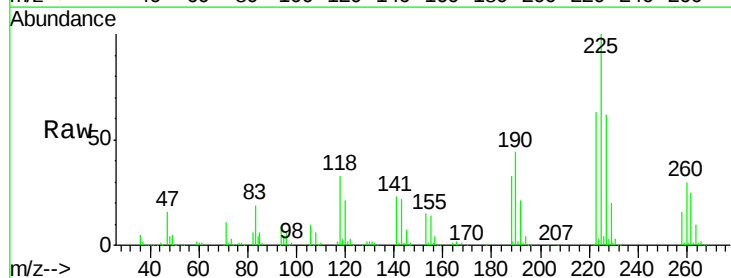


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

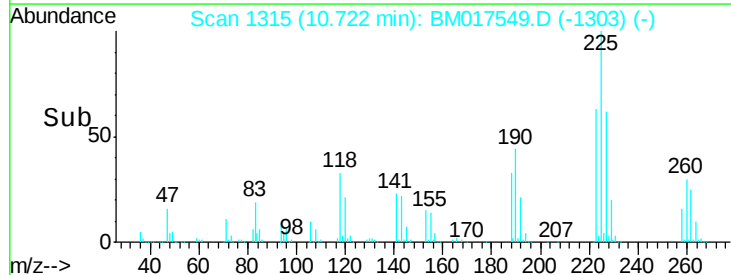
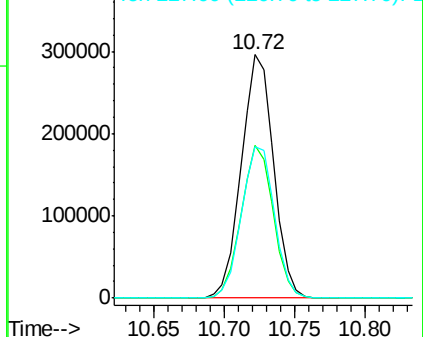


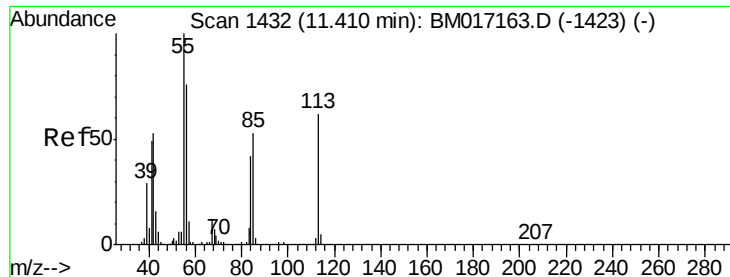
#34
Hexachlorobutadiene
Concen: 43.363 ng
RT: 10.72 min Scan# 1315
Delta R.T. -0.03 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	51.0	76.6
227	62.2	50.8	76.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





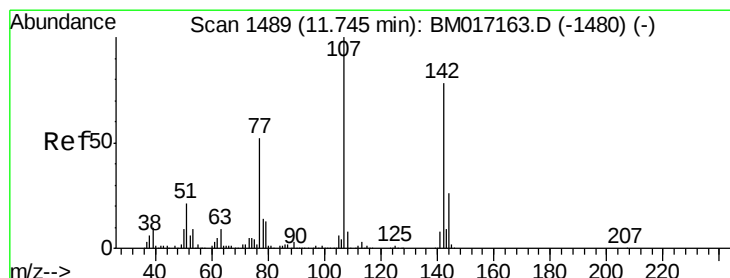
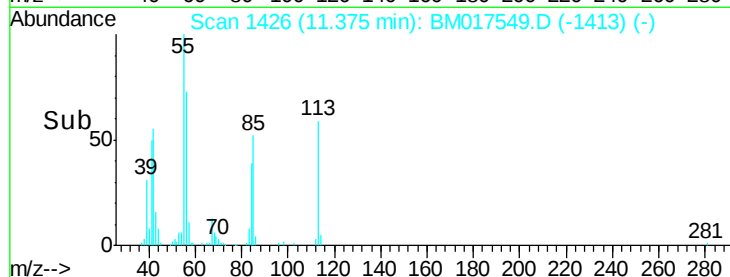
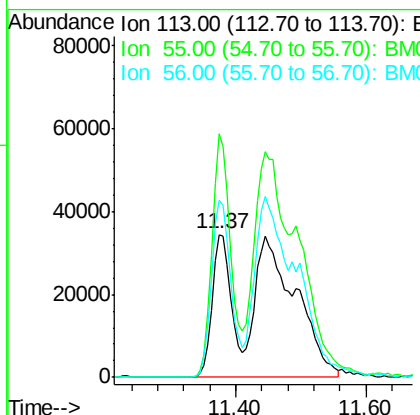
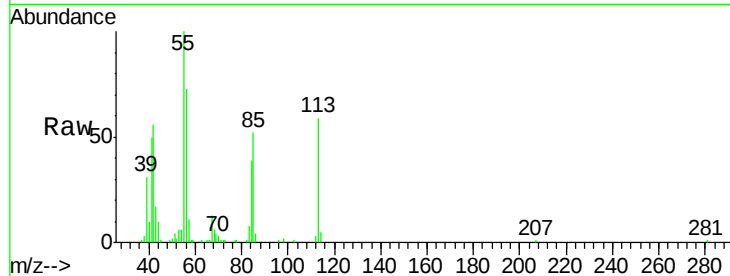
#35
 Caprolactam
 Concen: 41.677 ng m
 RT: 11.37 min Scan# 1426
 Delta R.T. -0.02 min
 Lab File: BM017549.D
 Acq: 07 Nov 2018 04:28

Instrument :
 BNA_M
 ClientSampleId :
 NB-08-110518MSD

Tgt Ion:113 Resp: 217669
 Ion Ratio Lower Upper
 113 100
 55 170.1 147.0 187.0
 56 123.7 104.5 144.5

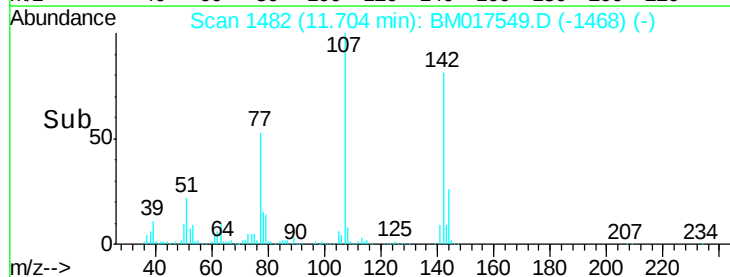
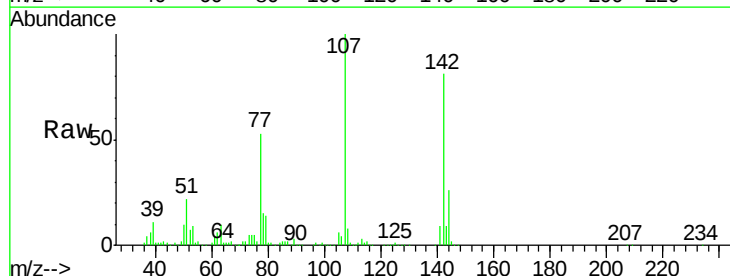
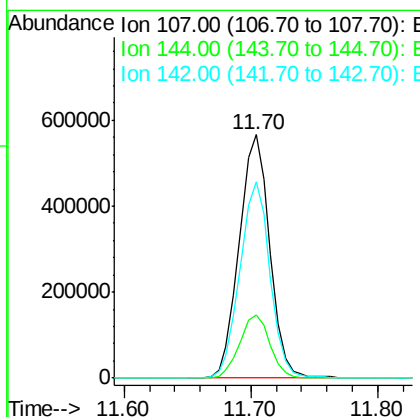
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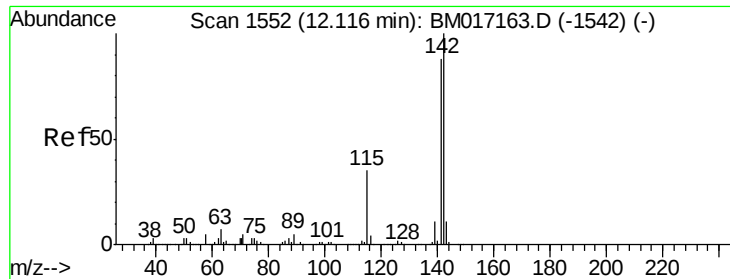
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#36
 4-Chloro-3-methylphenol
 Concen: 58.666 ng
 RT: 11.70 min Scan# 1482
 Delta R.T. -0.02 min
 Lab File: BM017549.D
 Acq: 07 Nov 2018 04:28

Tgt Ion:107 Resp: 947696
 Ion Ratio Lower Upper
 107 100
 144 26.2 21.6 32.4
 142 80.8 66.0 99.0





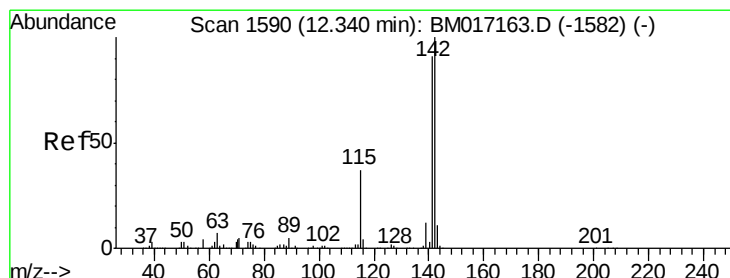
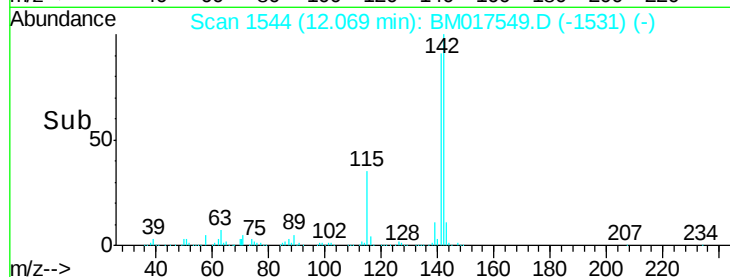
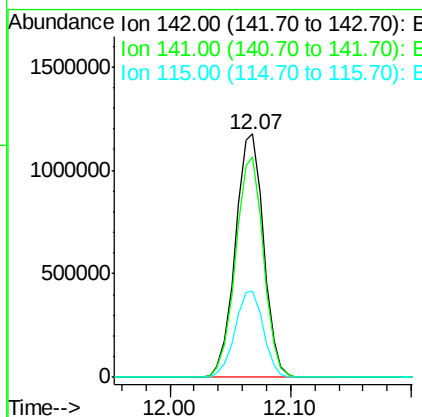
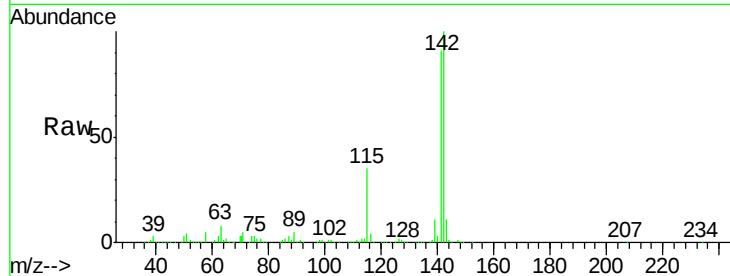
#37
2-Methylnaphthalene
Concen: 58.081 ng
RT: 12.07 min Scan# 1544
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Instrument :
BNA_M
ClientSampleId :
NB-08-110518MSD

Tgt Ion:142 Resp: 1925666
Ion Ratio Lower Upper
142 100
141 90.6 70.9 106.3
115 35.4 26.4 39.6

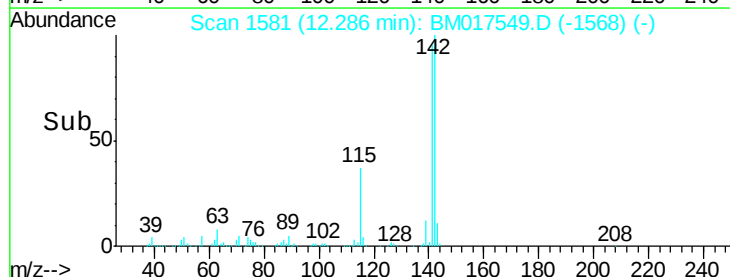
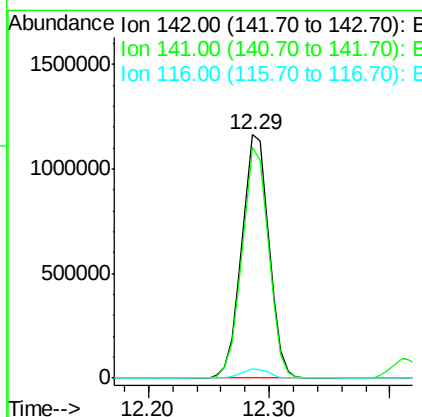
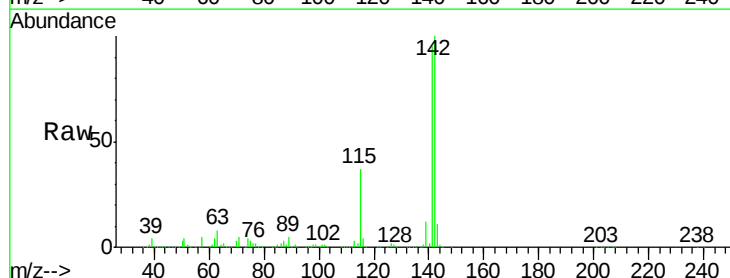
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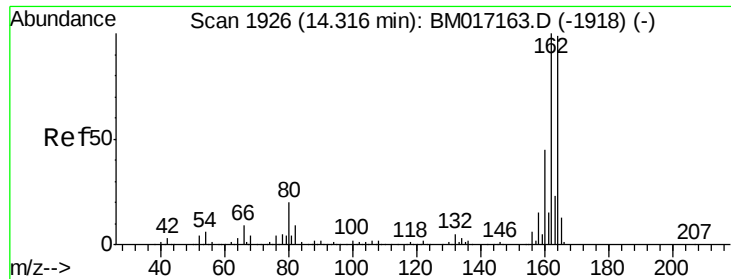
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#38
1-Methylnaphthalene
Concen: 57.168 ng
RT: 12.29 min Scan# 1581
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Tgt Ion:142 Resp: 1844771
Ion Ratio Lower Upper
142 100
141 94.9 73.8 110.6
116 4.1 2.9 4.3





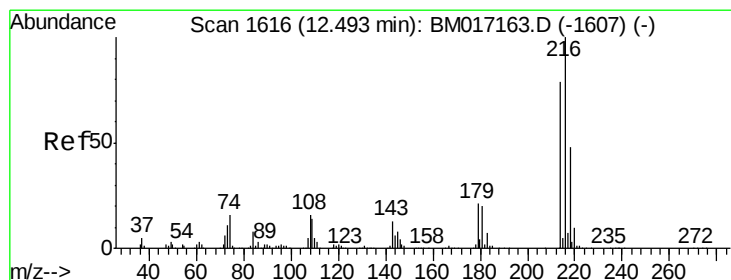
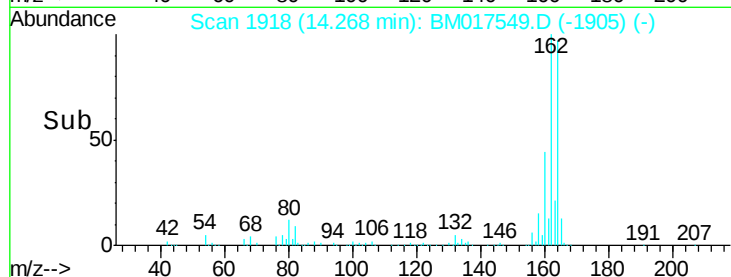
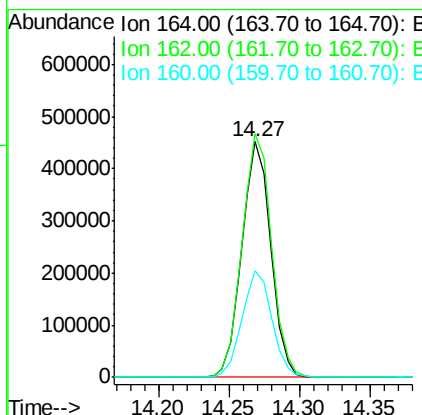
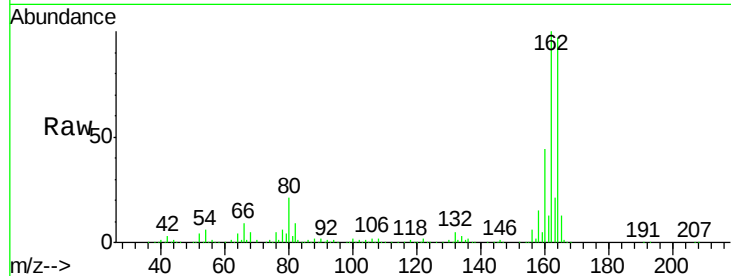
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.27 min Scan# 1918
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Instrument :
BNA_M
ClientSampleId :
NB-08-110518MSD

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	648995		
162	103.3	82.1	123.1	
160	45.0	40.2	60.2	

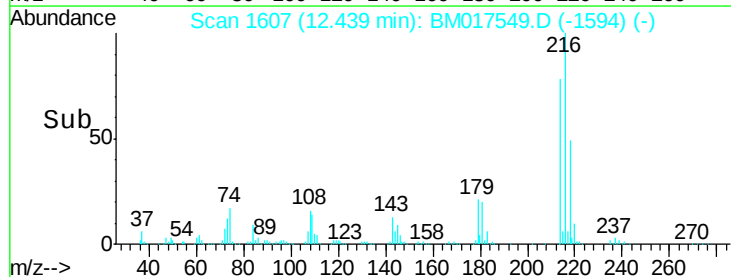
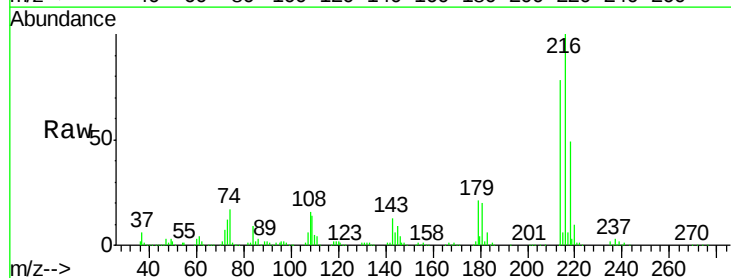
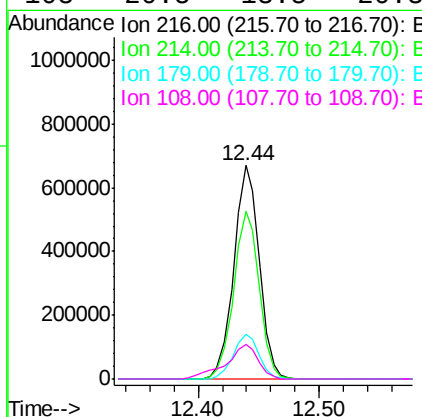
Manual Integrations
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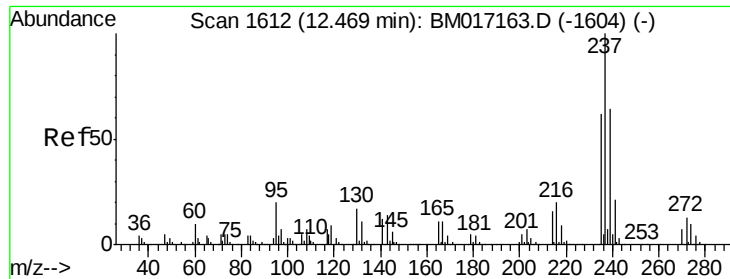
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.013 ng
RT: 12.44 min Scan# 1607
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	983071		
214	78.8	62.6	93.8	
179	21.1	16.6	24.8	
108	20.5	13.5	20.3	





#41

Hexachlorocyclopentadiene

Concen: 112.836 ng

RT: 12.42 min Scan# 1603

Delta R.T. -0.02 min

Lab File: BM017549.D

Acq: 07 Nov 2018 04:28

Instrument :

BNA_M

ClientSampleId :

NB-08-110518MSD

Tgt Ion:237 Resp: 1246730

Ion Ratio Lower Upper

237 100

235 63.2 42.4 82.4

272 12.8 0.0 33.0

Manual Integrations
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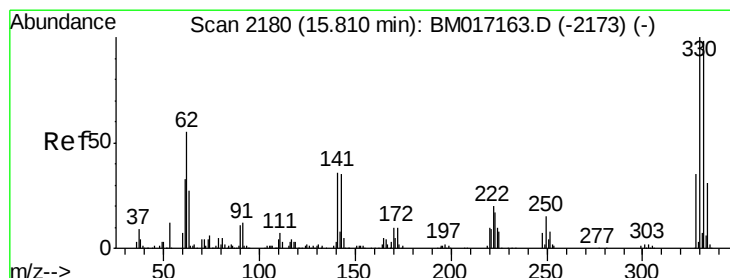
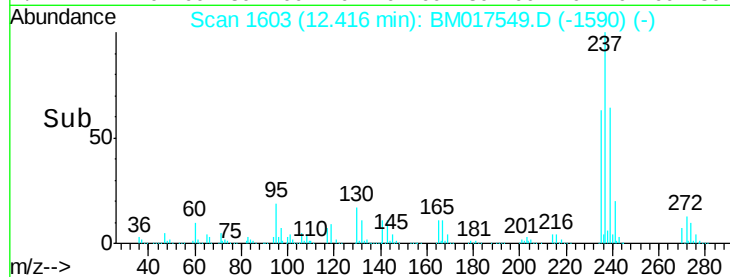
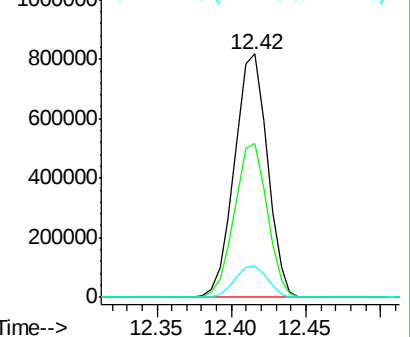
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Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 148.489 ng

RT: 15.77 min Scan# 2174

Delta R.T. -0.02 min

Lab File: BM017549.D

Acq: 07 Nov 2018 04:28

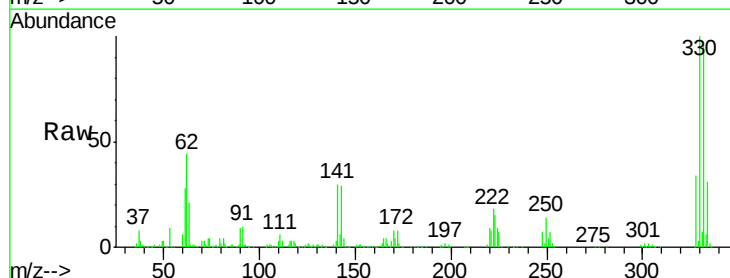
Tgt Ion:330 Resp: 1303246

Ion Ratio Lower Upper

330 100

332 96.0 77.3 115.9

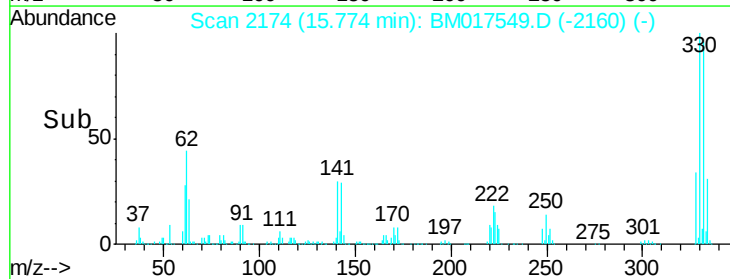
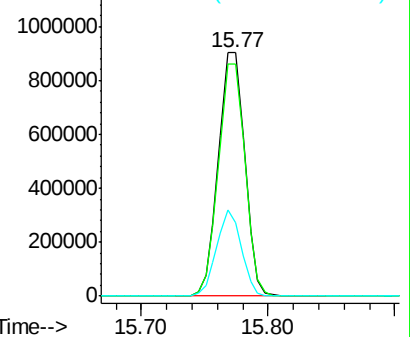
141 33.2 27.4 41.0

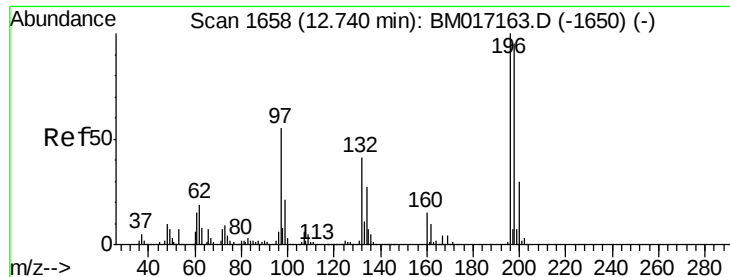


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





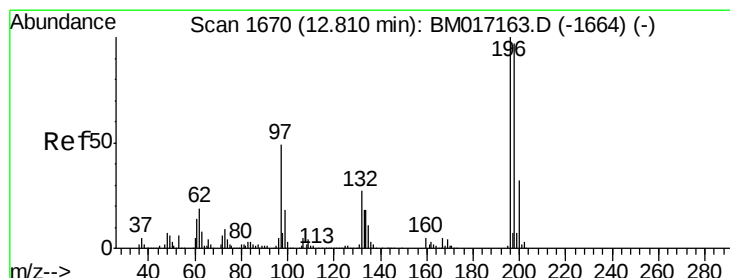
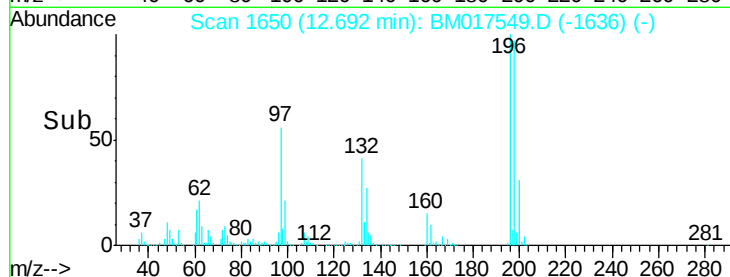
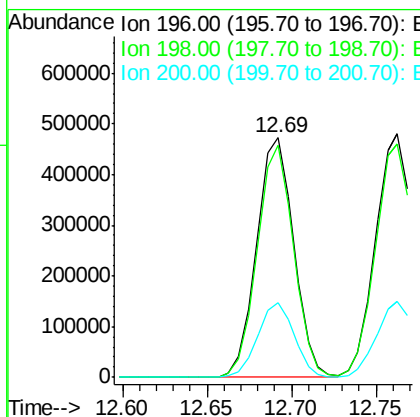
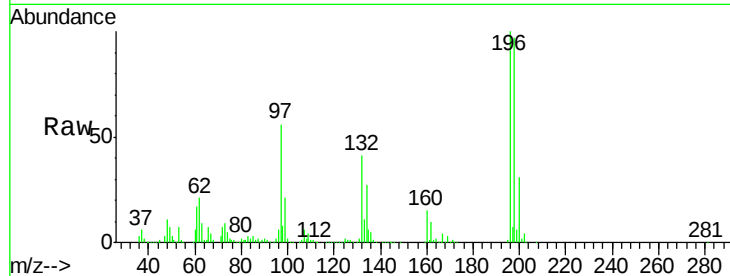
#43
 2,4,6-Trichlorophenol
 Concen: 54.296 ng
 RT: 12.69 min Scan# 1650
 Delta R.T. -0.02 min
 Lab File: BM017549.D
 Acq: 07 Nov 2018 04:28

Instrument :
 BNA_M
 ClientSampleId :
 NB-08-110518MSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.8	77.1	115.7
200	31.2	25.0	37.4

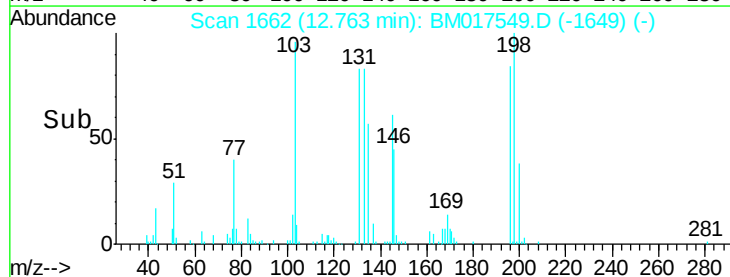
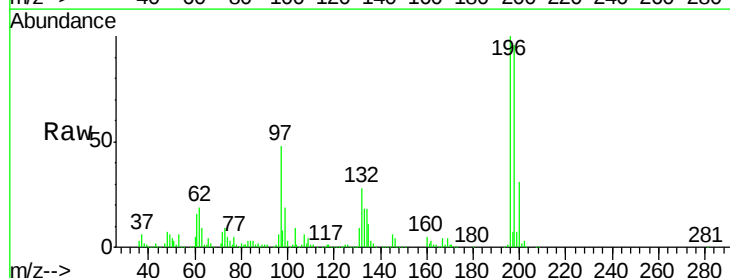
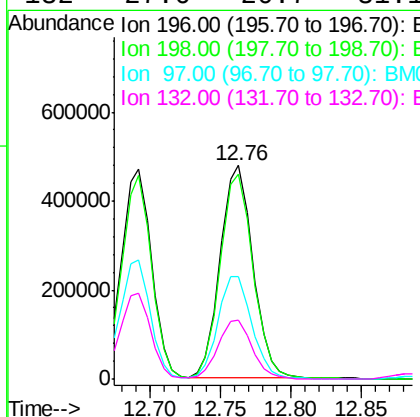
Manual Integrations
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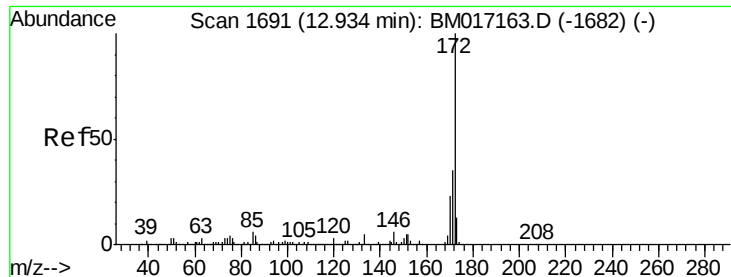
Sohil
 11/7/2018 4:09:08 PM



#44
 2,4,5-Trichlorophenol
 Concen: 54.635 ng
 RT: 12.76 min Scan# 1662
 Delta R.T. -0.02 min
 Lab File: BM017549.D
 Acq: 07 Nov 2018 04:28

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.8	76.6	115.0
97	48.2	35.5	53.3
132	27.6	20.7	31.1





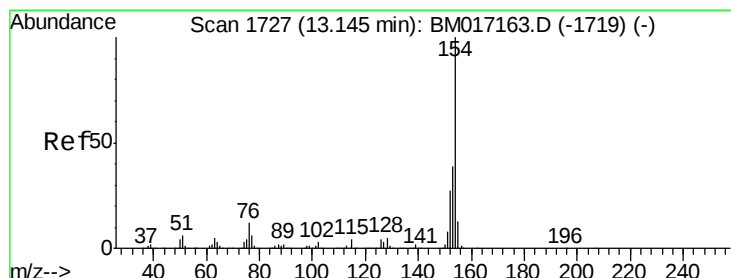
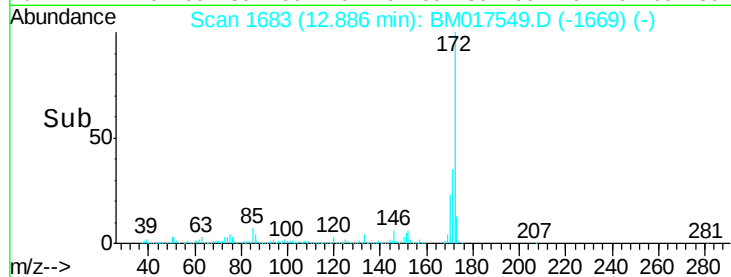
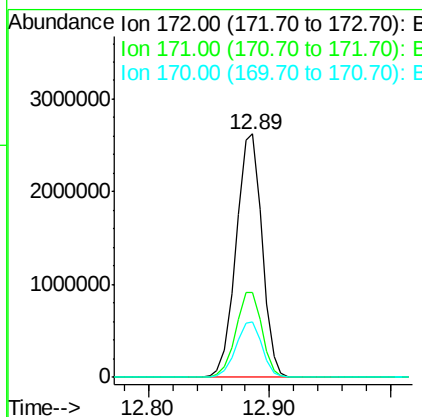
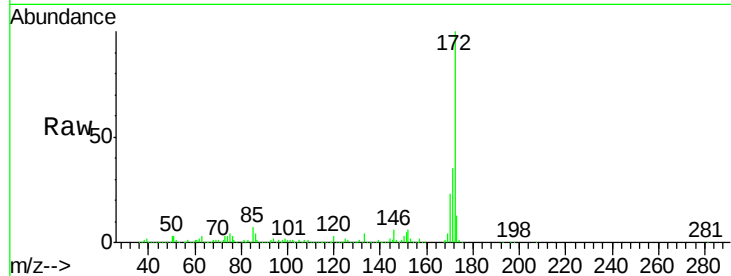
#45
2-Fluorobiphenyl
Concen: 80.522 ng
RT: 12.89 min Scan# 1683
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Instrument :
BNA_M
ClientSampleId :
NB-08-110518MSD

Tgt Ion:172 Resp: 3927612
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 22.6 18.3 27.5

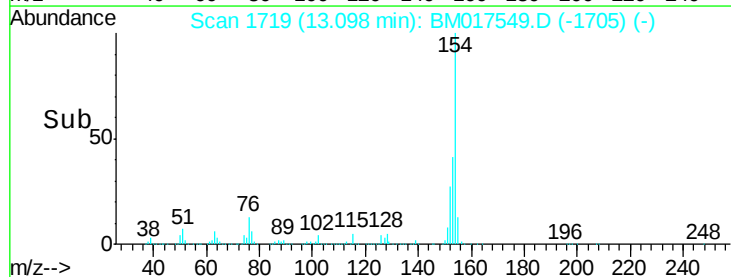
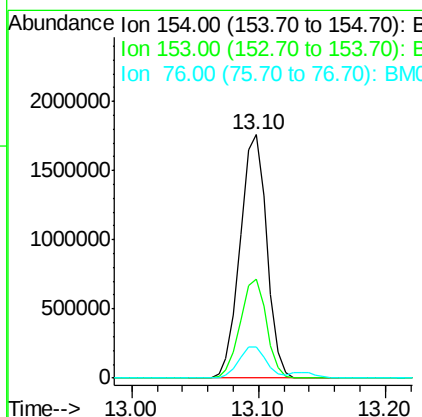
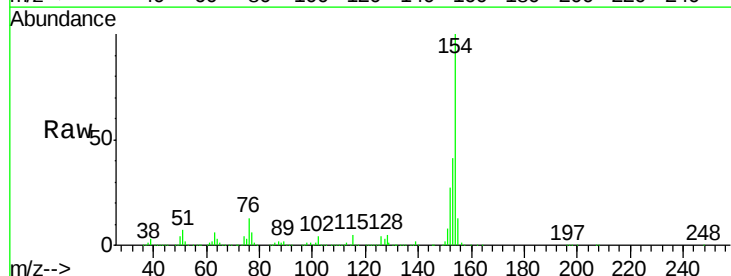
Manual Integrations
APPROVED

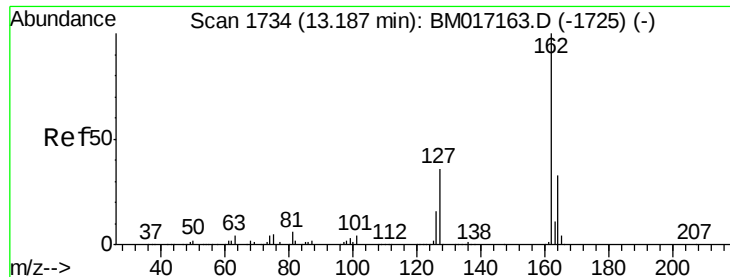
Sohil
11/7/2018 4:09:08 PM



#46
1,1'-Biphenyl
Concen: 43.815 ng
RT: 13.10 min Scan# 1719
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Tgt Ion:154 Resp: 2558928
Ion Ratio Lower Upper
154 100
153 40.6 20.5 60.5
76 13.0 0.0 31.8





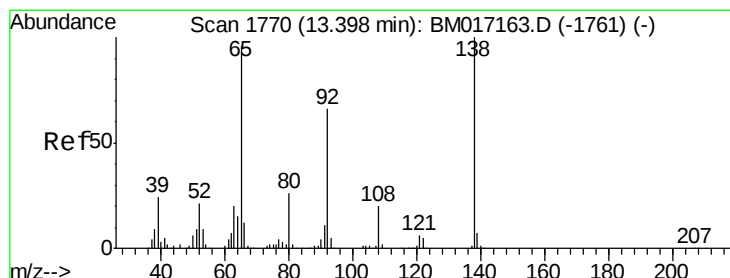
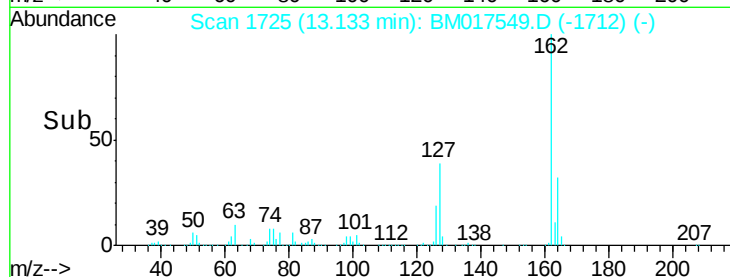
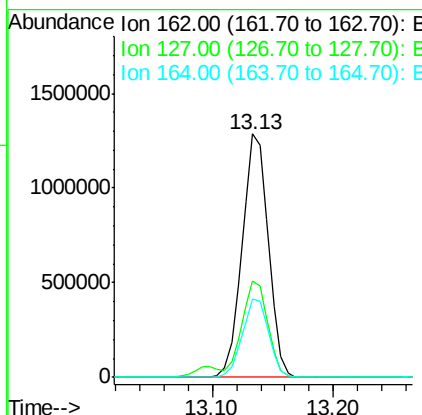
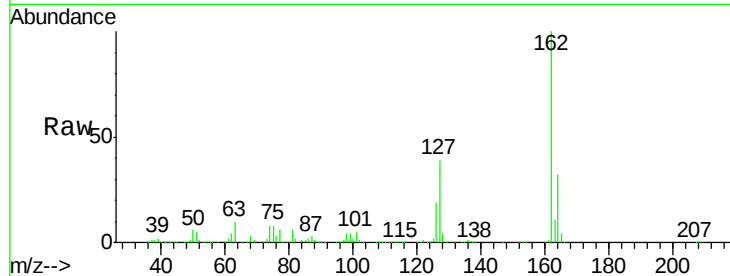
#47
 2-Chloronaphthalene
 Concen: 45.461 ng
 RT: 13.13 min Scan# 1725
 Delta R.T. -0.02 min
 Lab File: BM017549.D
 Acq: 07 Nov 2018 04:28

Instrument :
 BNA_M
 ClientSampleId :
 NB-08-110518MSD

Tgt Ion: 162 Resp: 1953244
 Ion Ratio Lower Upper
 162 100
 127 39.4 31.0 46.4
 164 32.3 26.6 39.8

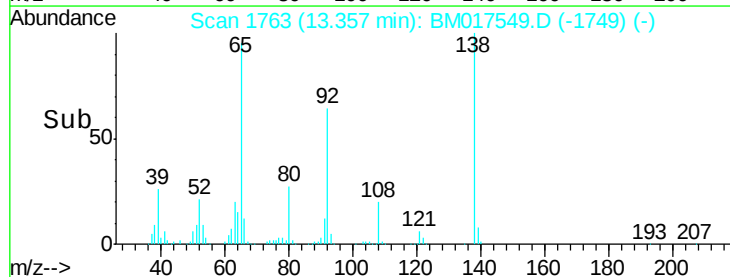
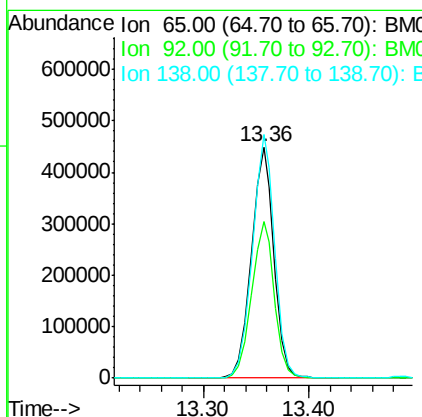
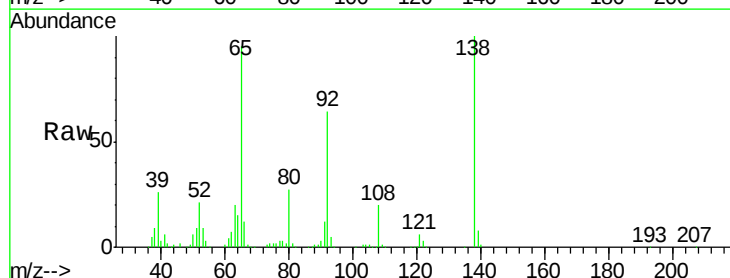
Manual Integrations
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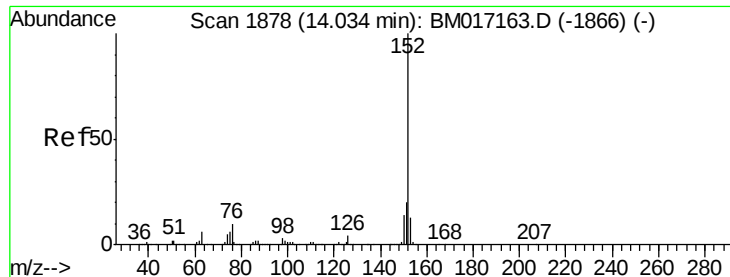
Sohil
 11/7/2018 4:09:08 PM



#48
 2-Nitroaniline
 Concen: 54.201 ng
 RT: 13.36 min Scan# 1763
 Delta R.T. -0.02 min
 Lab File: BM017549.D
 Acq: 07 Nov 2018 04:28

Tgt Ion: 65 Resp: 668027
 Ion Ratio Lower Upper
 65 100
 92 67.5 54.9 82.3
 138 105.3 83.7 125.5





#49

Acenaphthylene

Concen: 54.100 ng

RT: 13.99 min Scan# 1871

Delta R.T. -0.02 min

Lab File: BM017549.D

Acq: 07 Nov 2018 04:28

Instrument :

BNA_M

ClientSampleId :

NB-08-110518MSD

Tgt Ion:152 Resp: 3369246

Ion Ratio Lower Upper

152 100

151 19.9 16.0 24.0

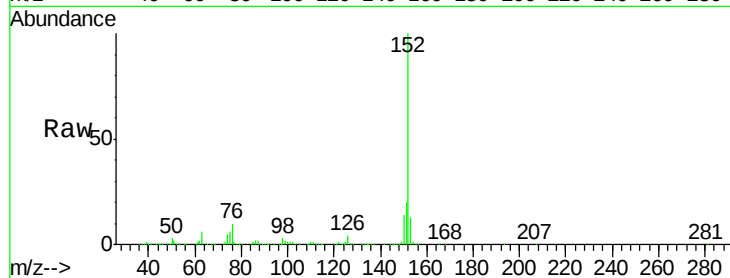
153 13.1 10.4 15.6

Manual Integrations

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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

13.99

2000000

1500000

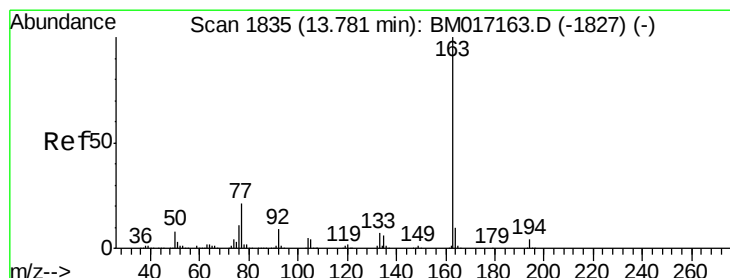
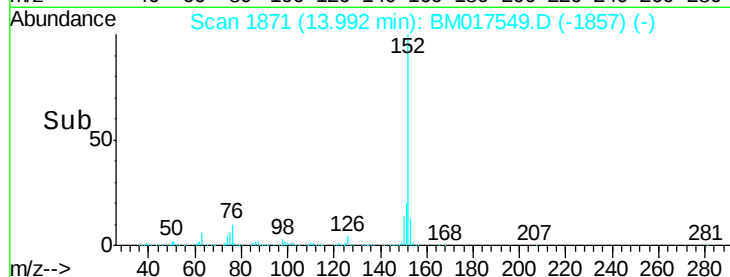
1000000

500000

0

13.90 14.00 14.10

Time-->



#50

Dimethylphthalate

Concen: 55.277 ng

RT: 13.74 min Scan# 1829

Delta R.T. -0.02 min

Lab File: BM017549.D

Acq: 07 Nov 2018 04:28

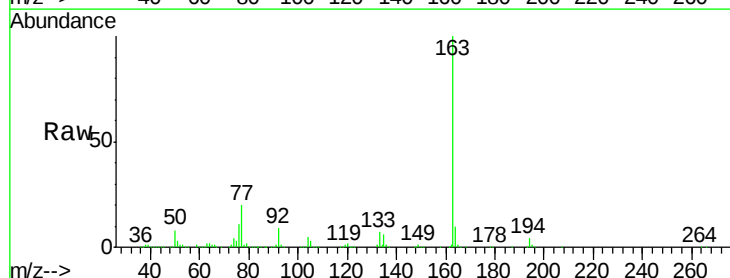
Tgt Ion:163 Resp: 2767742

Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 9.8 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

13.74

2500000

2000000

1500000

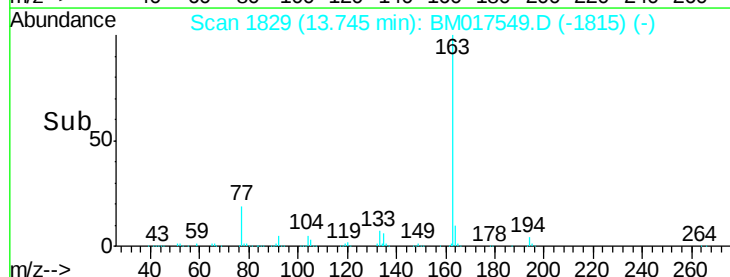
1000000

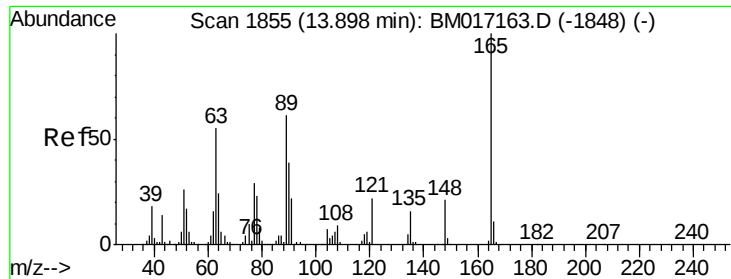
500000

0

13.70 13.80

Time-->





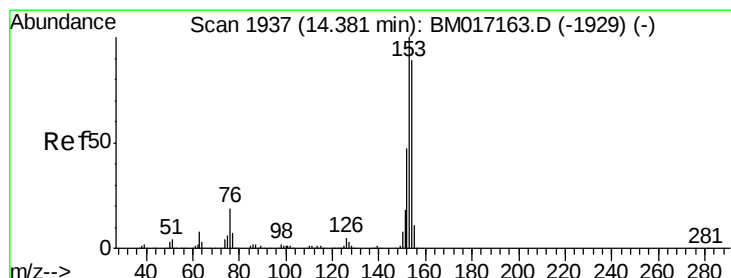
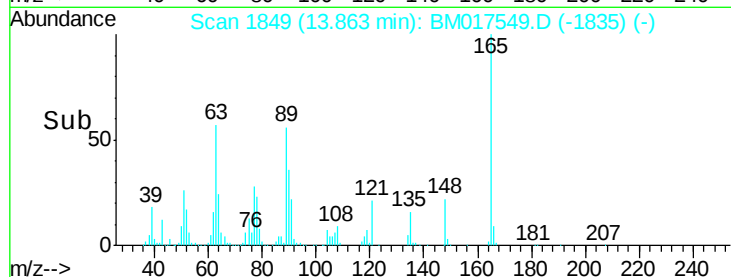
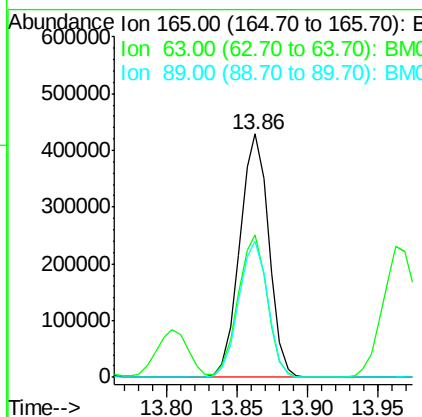
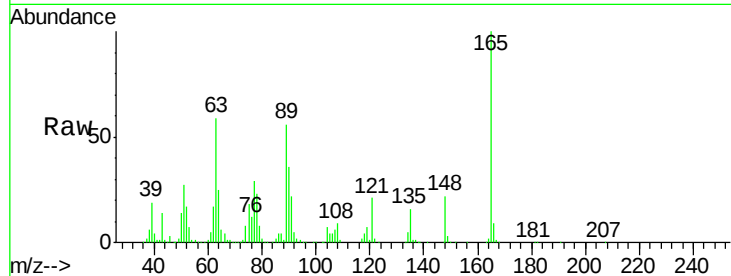
#51
2,6-Dinitrotoluene
Concen: 55.895 ng
RT: 13.86 min Scan# 1849
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Instrument :
BNA_M
ClientSampleId :
NB-08-110518MSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	615978		
63	58.5	42.7	64.1	
89	56.1	42.1	63.1	

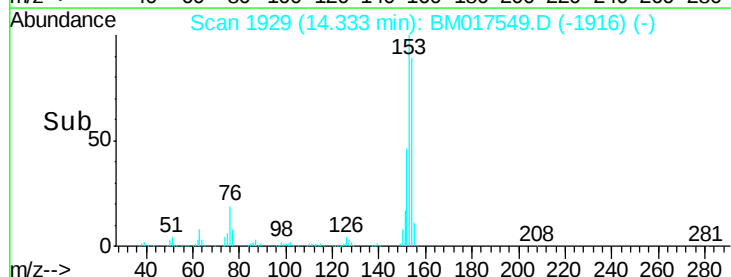
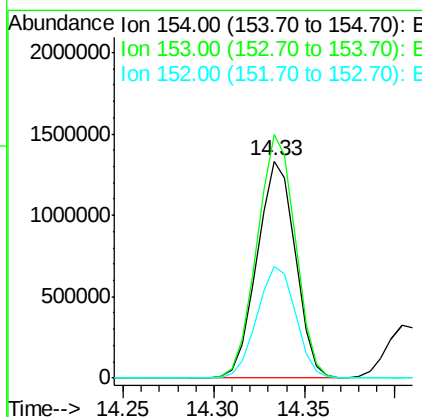
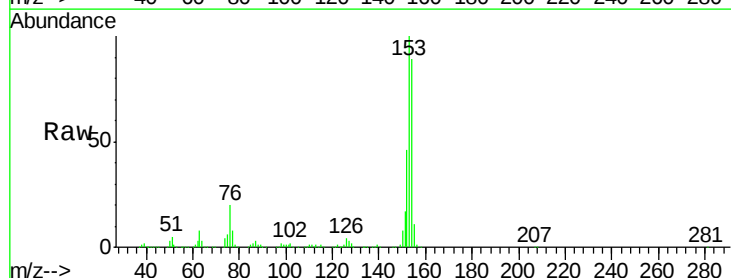
Manual Integrations
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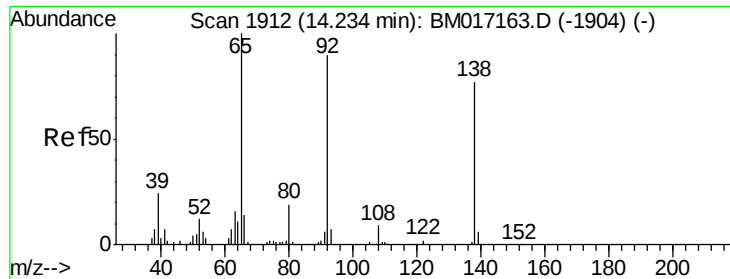
Sohil
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#52
Acenaphthene
Concen: 49.941 ng
RT: 14.33 min Scan# 1929
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1952849		
153	112.0	90.2	135.2	
152	51.7	44.2	66.4	





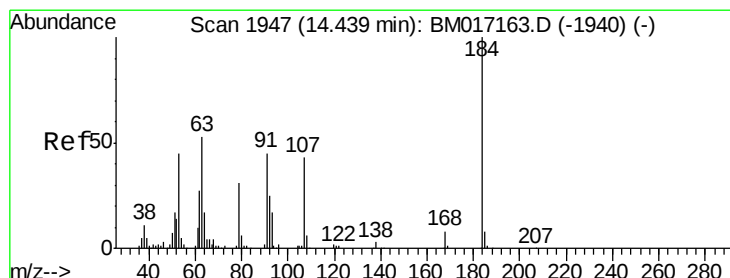
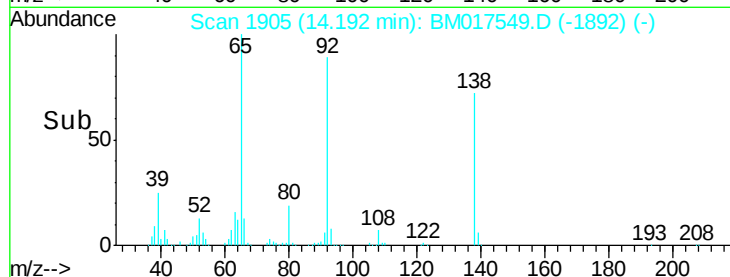
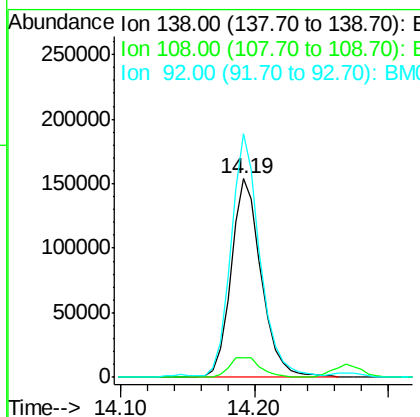
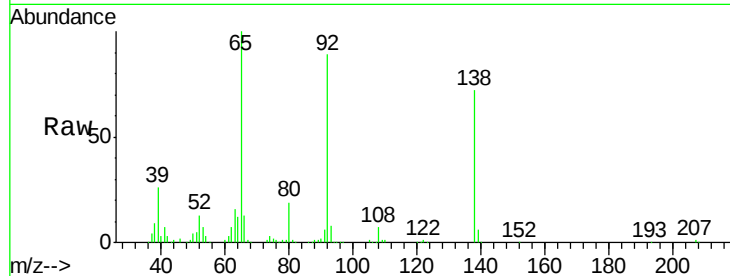
#53
3-Nitroaniline
Concen: 20.271 ng
RT: 14.19 min Scan# 1905
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Instrument :
BNA_M
ClientSampleId :
NB-08-110518MSD

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	241950		
108	9.9	8.7	13.1	
92	122.6	87.9	131.9	

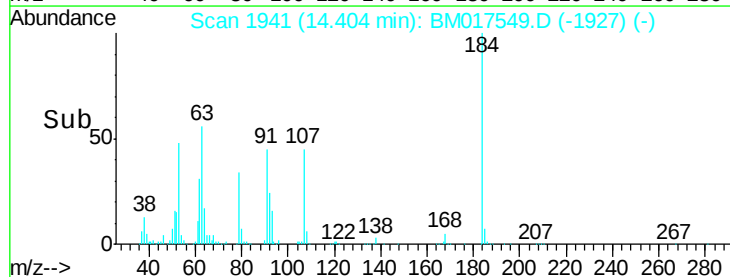
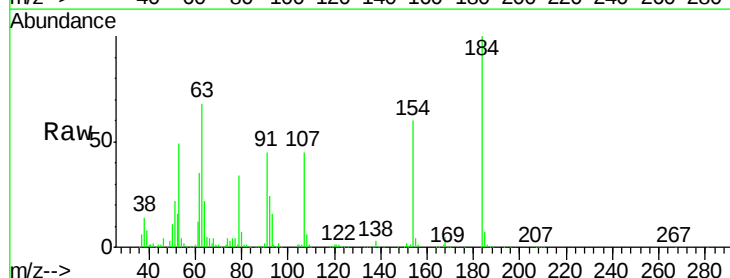
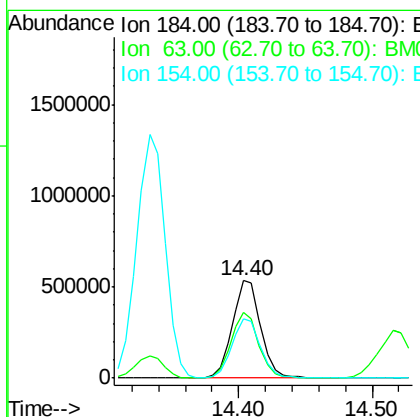
Manual Integrations
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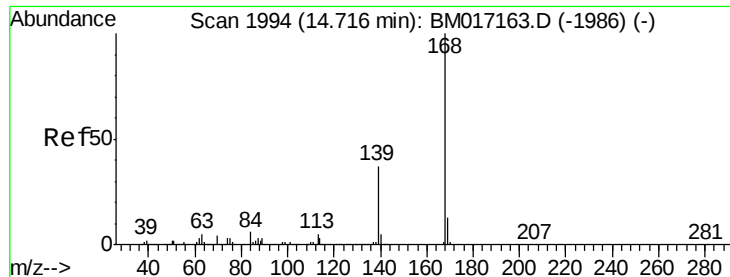
Sohil
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#54
2,4-Dinitrophenol
Concen: 117.926 ng
RT: 14.40 min Scan# 1941
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	790502		
63	67.6	51.2	76.8	
154	60.5	47.8	71.8	





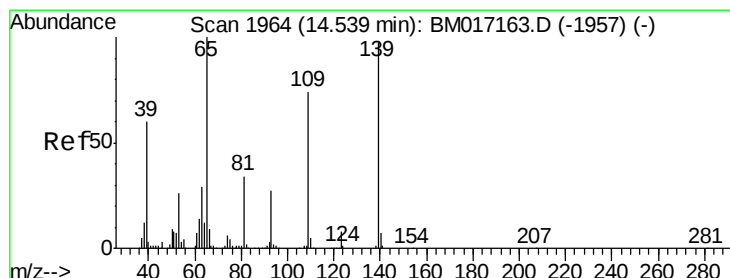
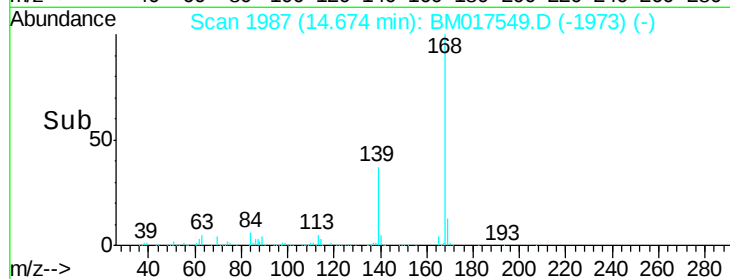
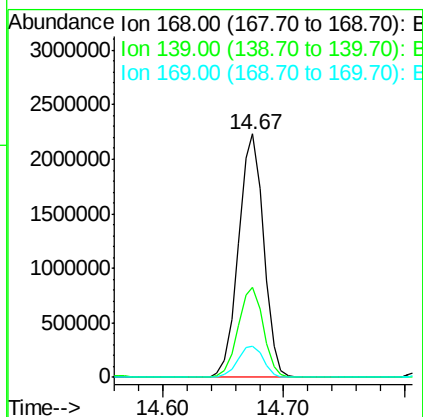
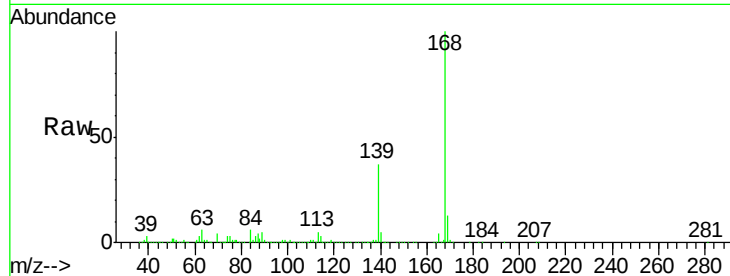
#55
Dibenzofuran
Concen: 49.666 ng
RT: 14.67 min Scan# 1987
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Instrument :
BNA_M
ClientSampleId :
NB-08-110518MSD

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.8	29.3	43.9
169	13.0	10.6	15.8

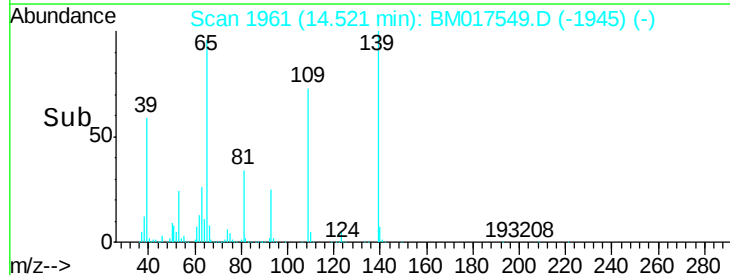
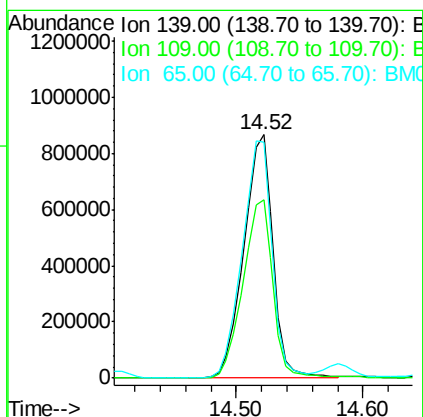
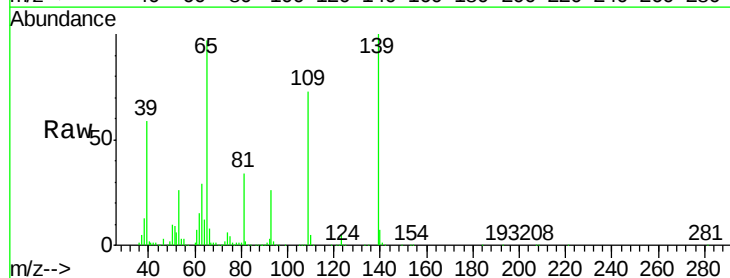
Manual Integrations
APPROVED

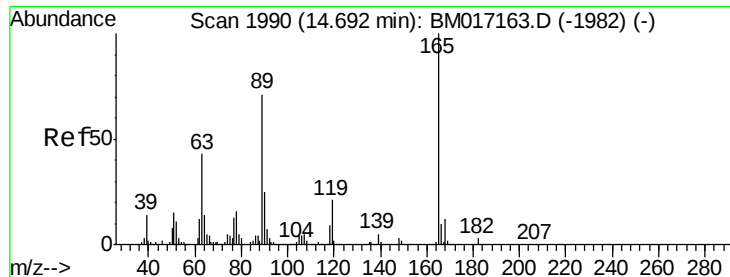
Sohil
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#56
4-Nitrophenol
Concen: 124.920 ng
RT: 14.52 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.4	51.8	91.8
65	96.7	72.1	112.1





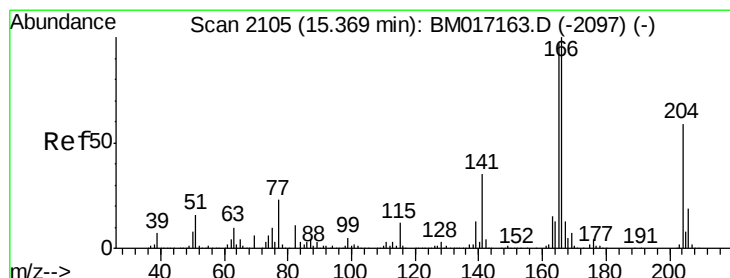
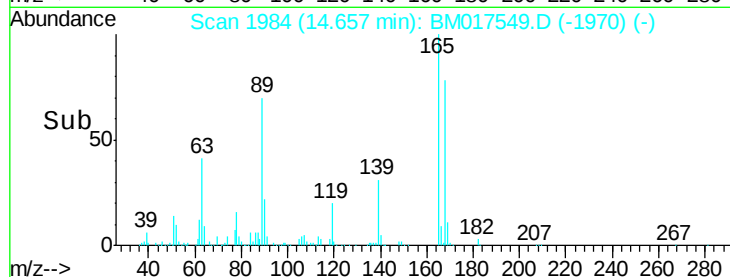
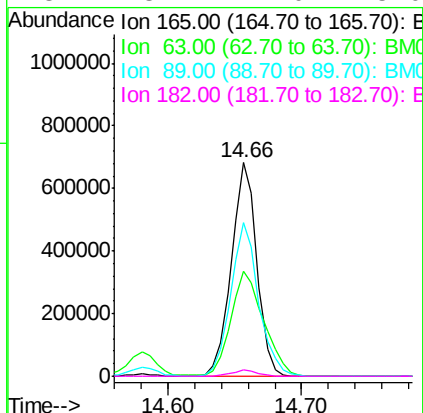
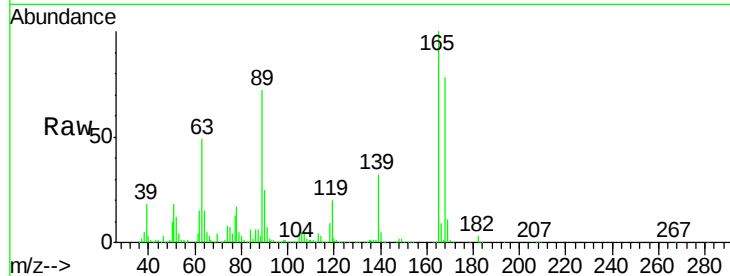
#57
2,4-Dinitrotoluene
Concen: 61.220 ng
RT: 14.66 min Scan# 1984
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Instrument :
BNA_M
ClientSampleId :
NB-08-110518MSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	906777		
63	49.2	33.8	50.8	
89	72.2	53.1	79.7	
182	3.1	2.0	3.0	

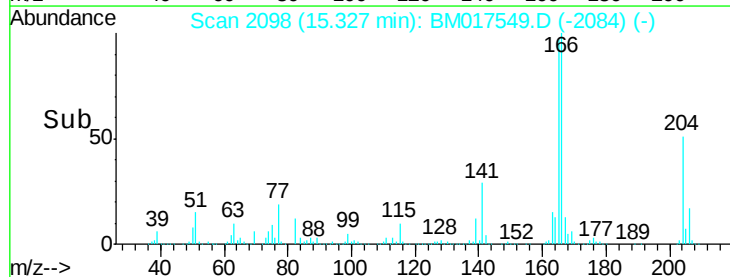
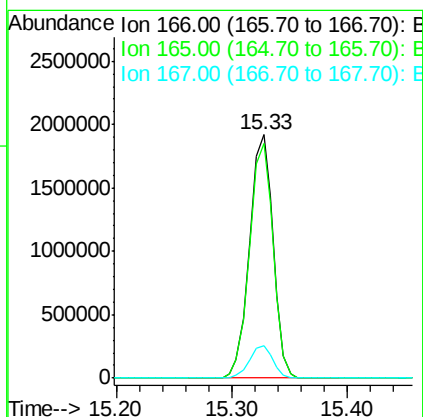
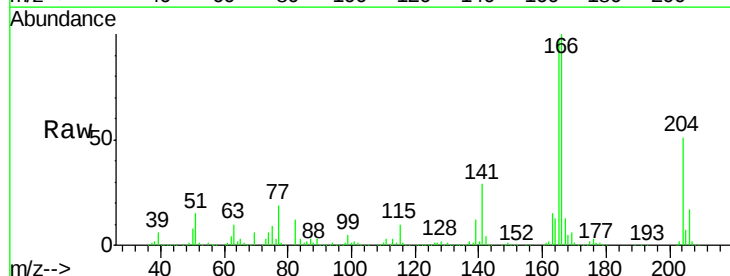
Manual Integrations
APPROVED

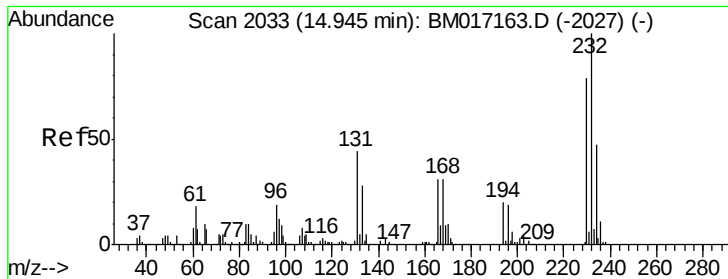
Sohil
11/7/2018 4:09:08 PM



#58
Fluorene
Concen: 56.456 ng
RT: 15.33 min Scan# 2098
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2717289		
165	96.6	78.1	117.1	
167	13.4	10.6	16.0	





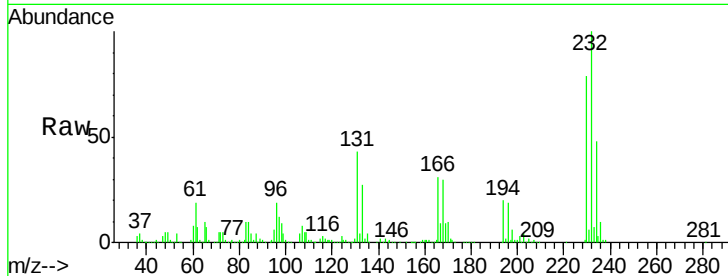
#59
2,3,4,6-Tetrachlorophenol
Concen: 59.490 ng
RT: 14.90 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Instrument :
BNA_M
ClientSampleId :
NB-08-110518MSD

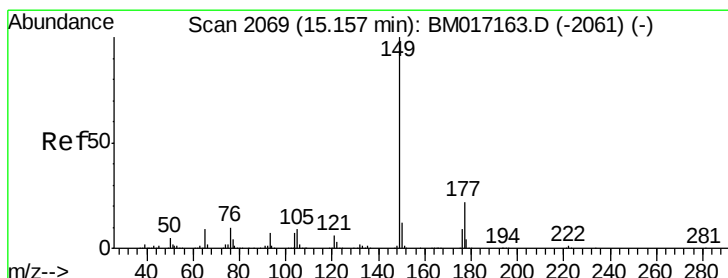
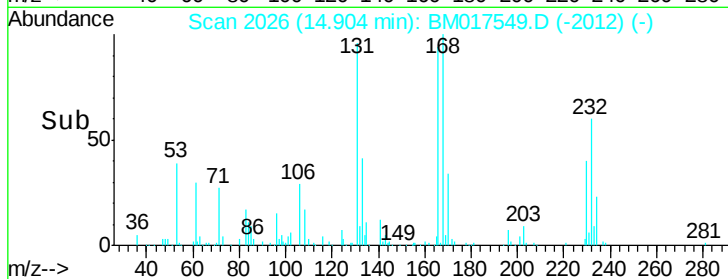
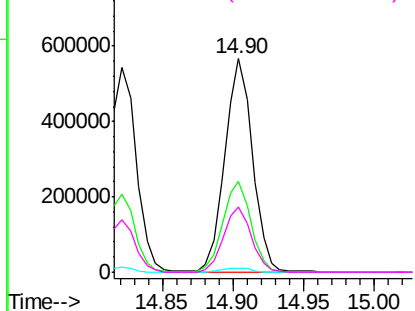
Tgt Ion	Ratio	Lower	Upper
232	100		
131	43.1	33.1	49.7
130	2.2	1.7	2.5
166	30.5	24.4	36.6

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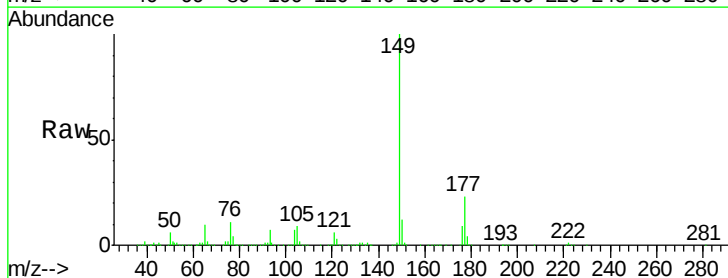


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

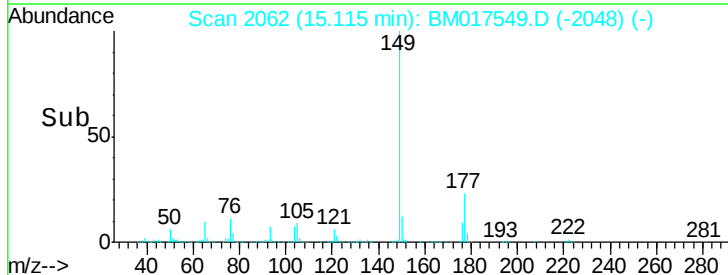
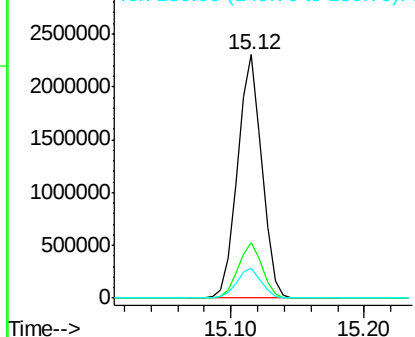


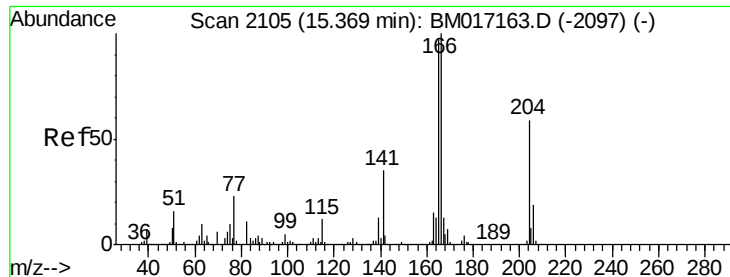
#60
Diethylphthalate
Concen: 58.426 ng
RT: 15.12 min Scan# 2062
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.6	17.7	26.5
150	12.3	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





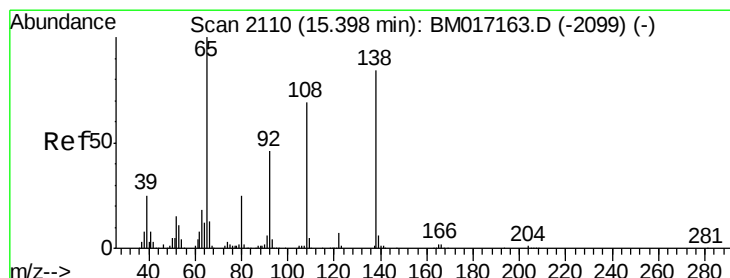
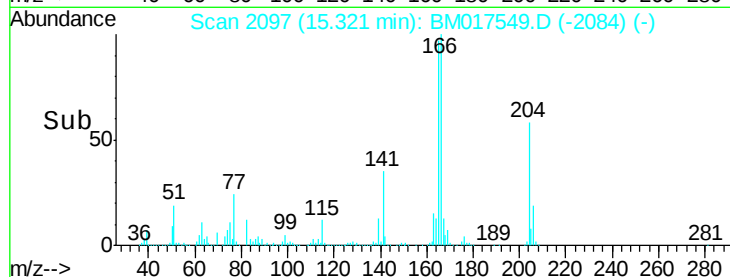
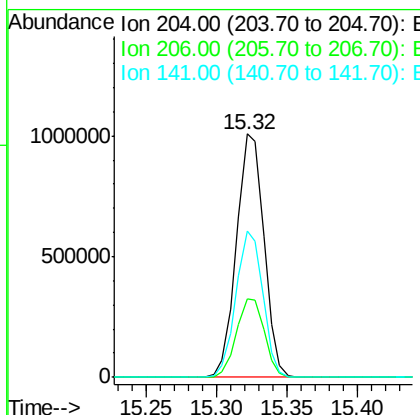
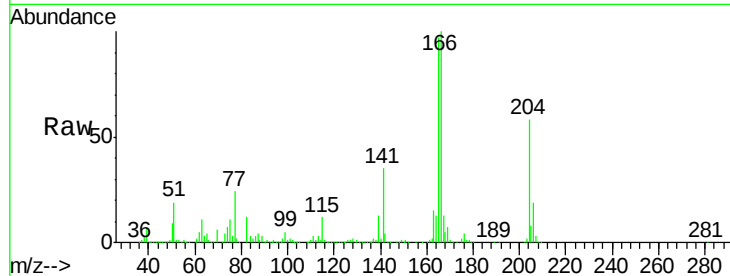
#61
4-Chlorophenyl-phenylether
Concen: 49.926 ng
RT: 15.32 min Scan# 2097
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Instrument :
BNA_M
ClientSampleId :
NB-08-110518MSD

Tgt Ion: 204 Resp: 1369936
Ion Ratio Lower Upper
204 100
206 32.2 26.1 39.1
141 60.1 45.4 68.2

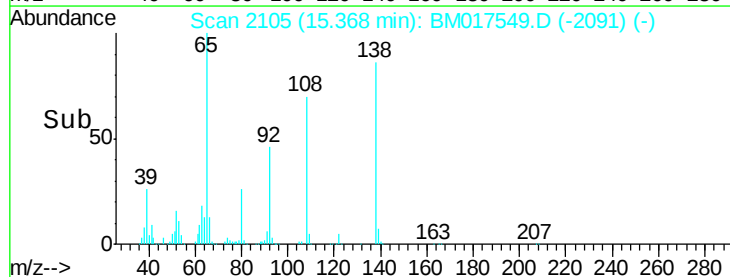
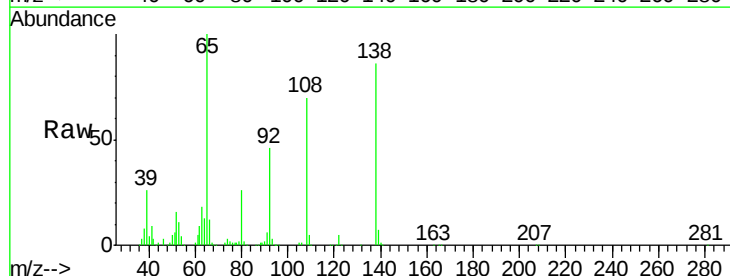
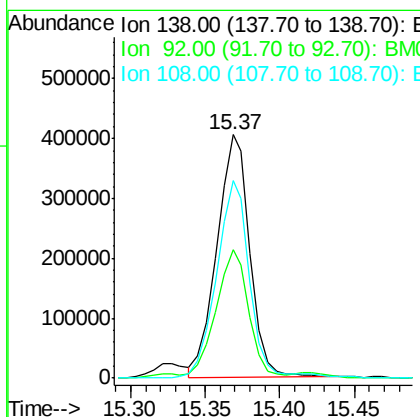
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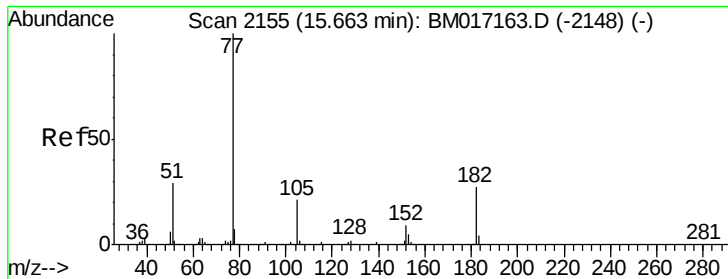
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#62
4-Nitroaniline
Concen: 46.901 ng
RT: 15.37 min Scan# 2105
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Tgt Ion: 138 Resp: 623100
Ion Ratio Lower Upper
138 100
92 52.8 31.2 71.2
108 81.0 55.5 95.5





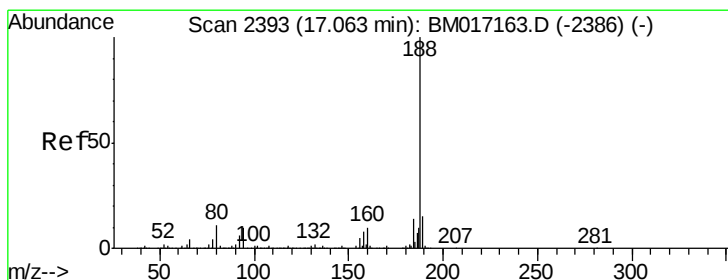
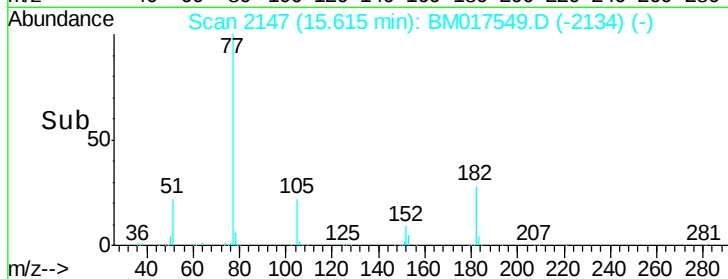
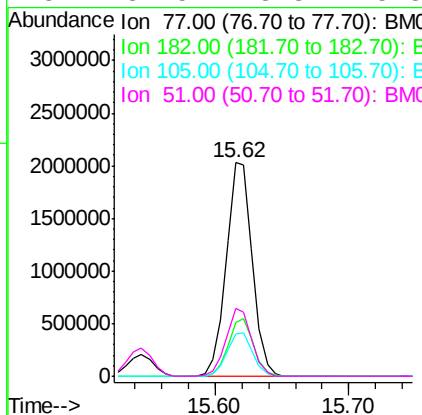
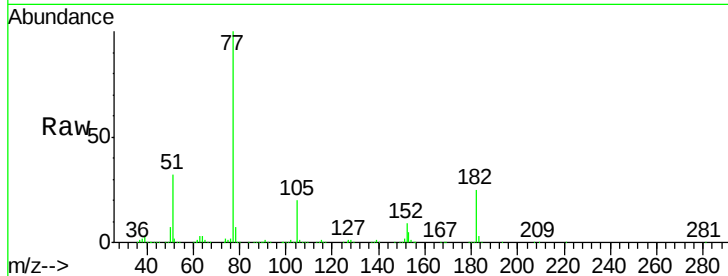
#63
Azobenzene
Concen: 57.381 ng
RT: 15.62 min Scan# 2147
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Instrument :
BNA_M
ClientSampleId :
NB-08-110518MSD

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.4	8.3	48.3
105	20.0	1.5	41.5
51	31.5	8.8	48.8

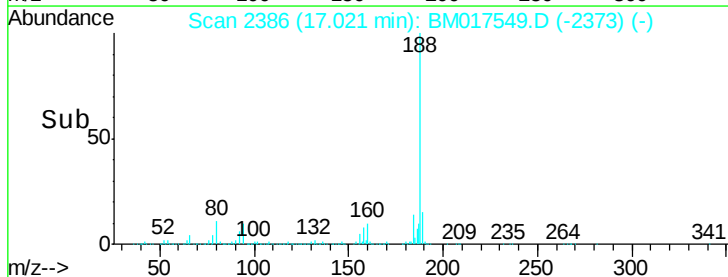
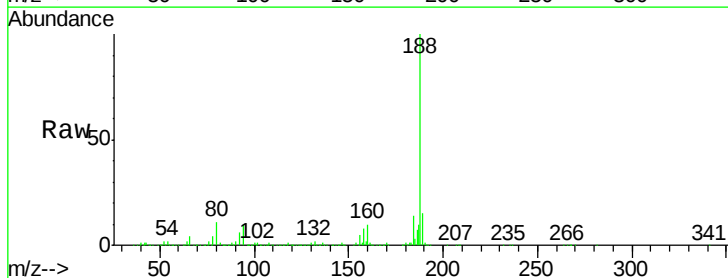
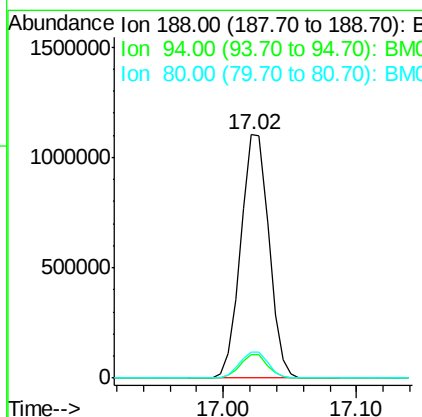
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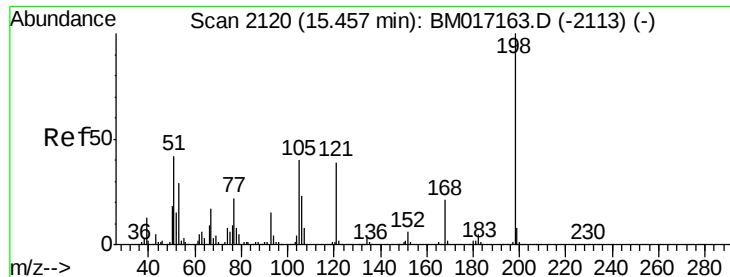
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.02 min Scan# 2386
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.0	10.4
80	10.9	7.7	11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 52.092 ng

RT: 15.42 min Scan# 2114

Delta R.T. -0.02 min

Lab File: BM017549.D

Acq: 07 Nov 2018 04:28

Instrument :

BNA_M

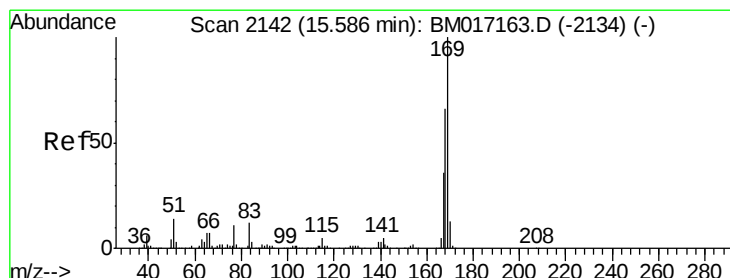
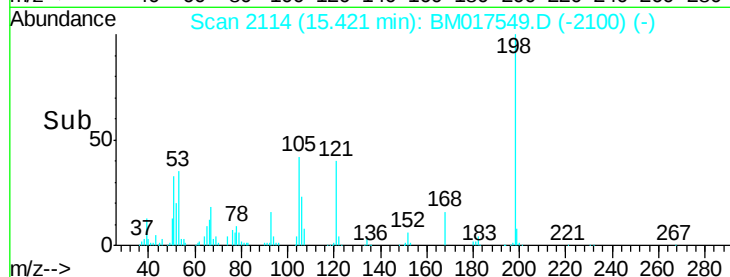
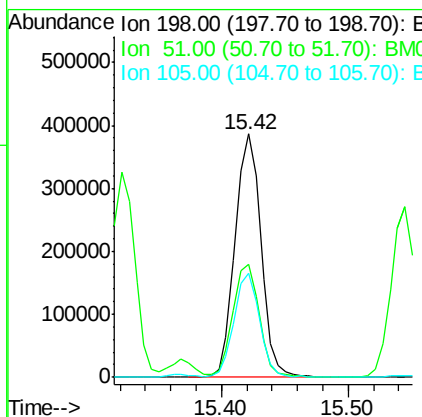
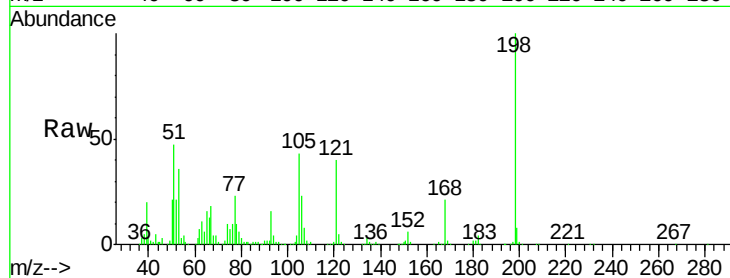
ClientSampleId :

NB-08-110518MSD

Tgt Ion:	198	Resp:	546080
Ion Ratio	Lower	Upper	
198	100		
51	46.5	20.3	60.3
105	42.6	21.9	61.9

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 50.211 ng

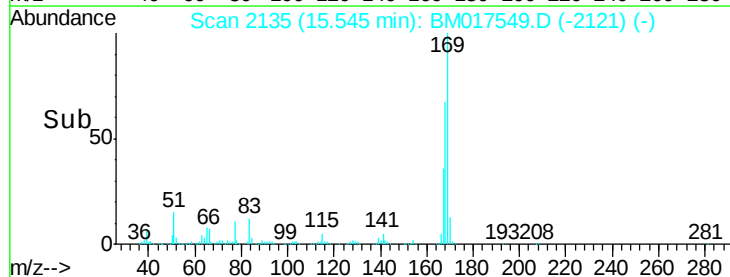
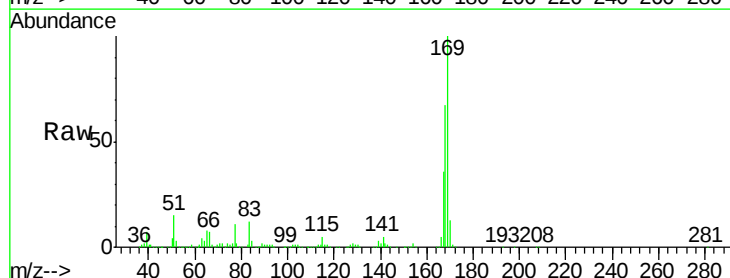
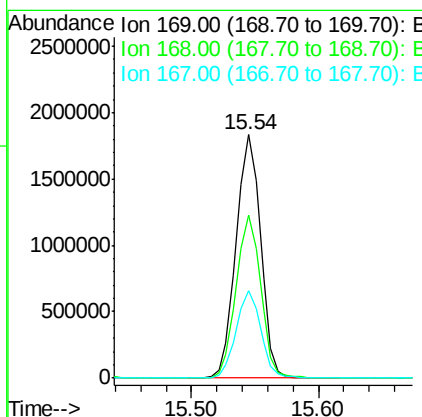
RT: 15.54 min Scan# 2135

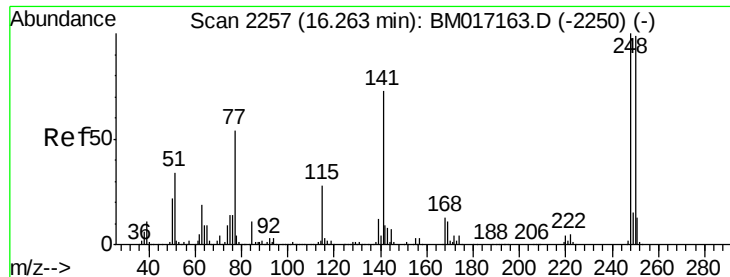
Delta R.T. -0.02 min

Lab File: BM017549.D

Acq: 07 Nov 2018 04:28

Tgt Ion:	169	Resp:	2447108
Ion Ratio	Lower	Upper	
169	100		
168	66.7	52.2	78.4
167	35.8	28.4	42.6





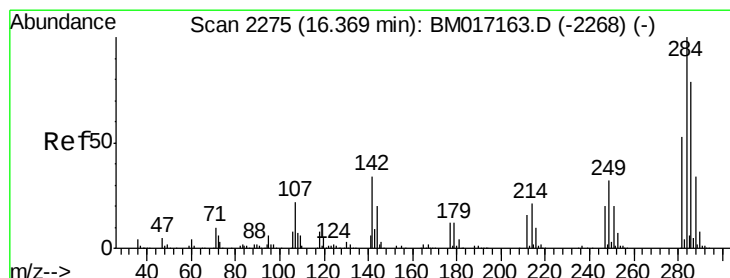
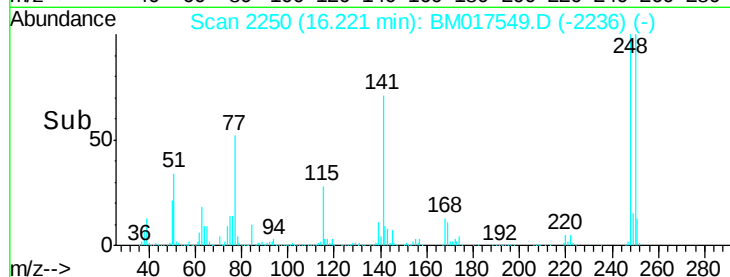
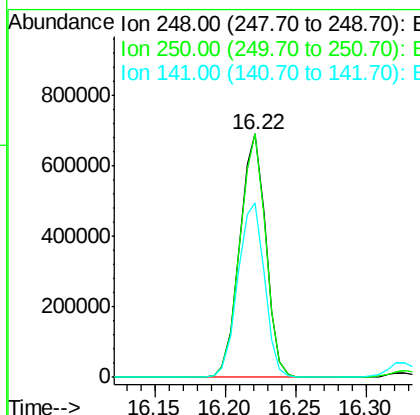
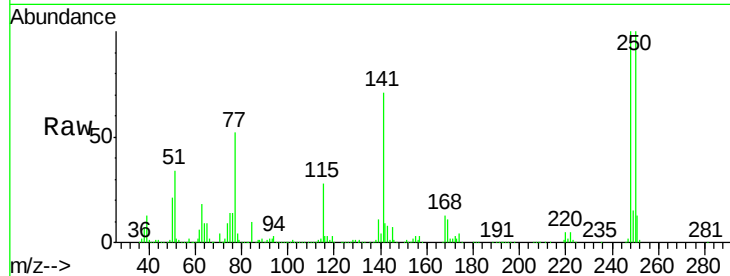
#67
 4-Bromophenyl-phenylether
 Concen: 50.291 ng
 RT: 16.22 min Scan# 2250
 Delta R.T. -0.02 min
 Lab File: BM017549.D
 Acq: 07 Nov 2018 04:28

Instrument :
 BNA_M
 ClientSampleId :
 NB-08-110518MSD

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.9	75.1	112.7
141	71.4	55.6	83.4

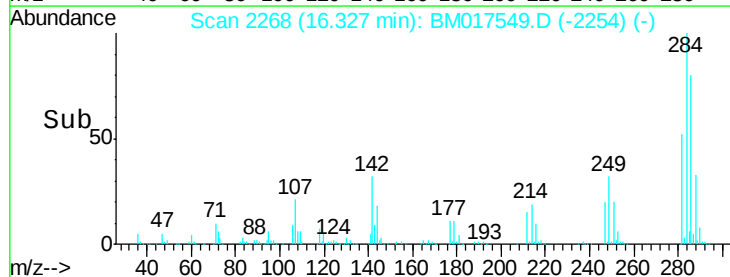
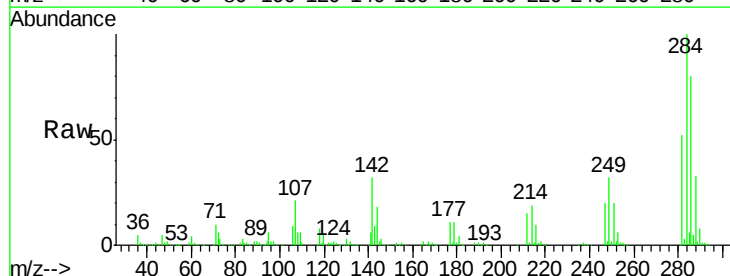
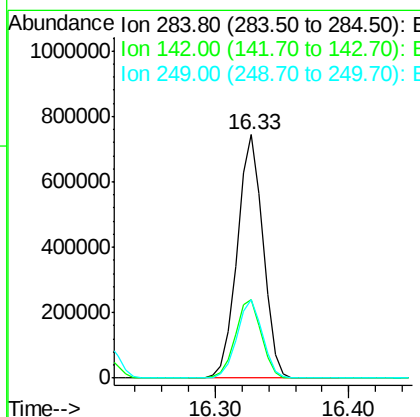
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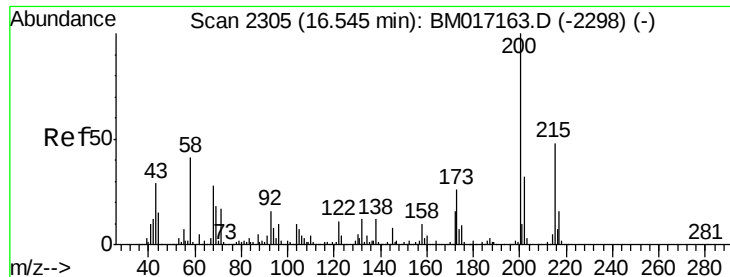
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#68
 Hexachlorobenzene
 Concen: 48.223 ng
 RT: 16.33 min Scan# 2268
 Delta R.T. -0.02 min
 Lab File: BM017549.D
 Acq: 07 Nov 2018 04:28

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.1	25.0	37.6
249	32.1	25.5	38.3





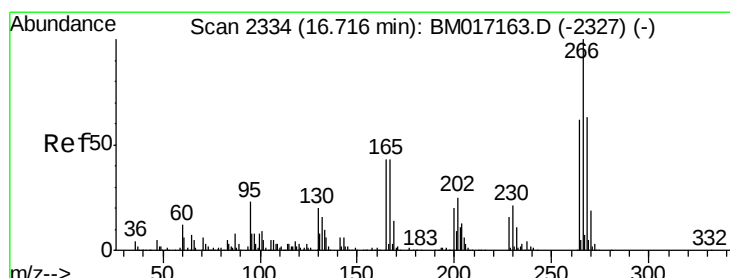
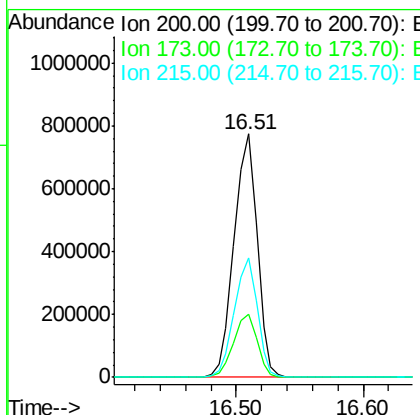
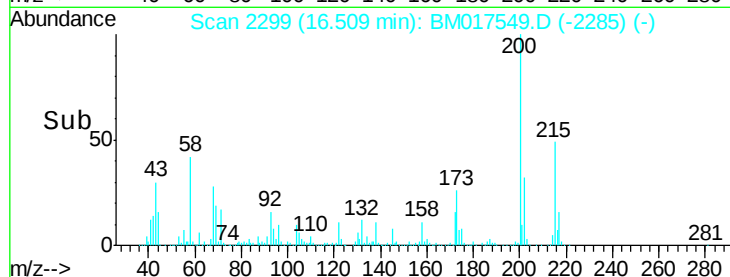
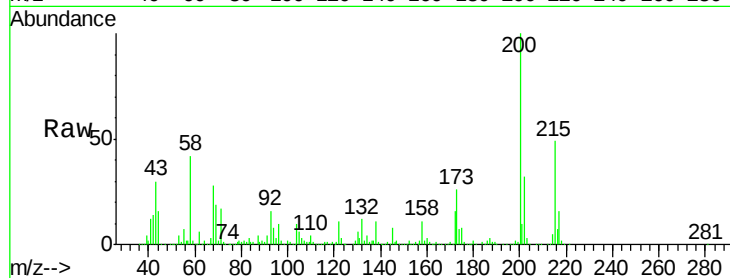
#69
 Atrazine
 Concen: 56.082 ng
 RT: 16.51 min Scan# 2299
 Delta R.T. -0.02 min
 Lab File: BM017549.D
 Acq: 07 Nov 2018 04:28

Instrument :
 BNA_M
 ClientSampleId :
 NB-08-110518MSD

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	978234		
173	26.0	7.0	47.0	
215	49.0	27.3	67.3	

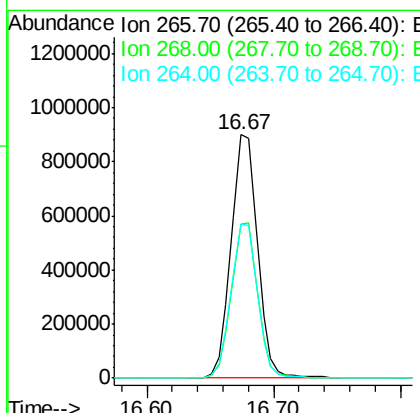
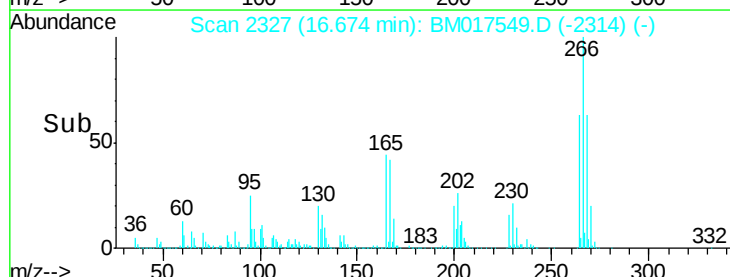
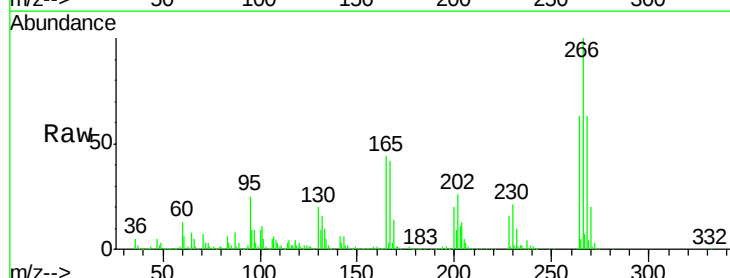
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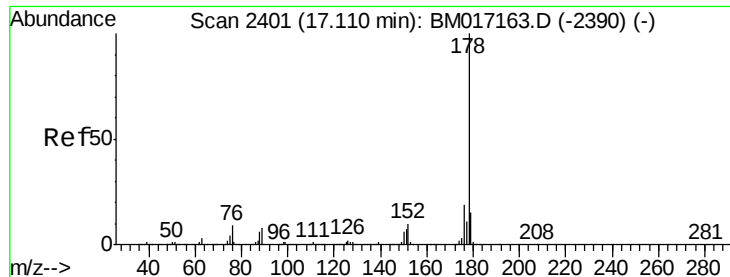
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#70
 Pentachlorophenol
 Concen: 92.004 ng
 RT: 16.67 min Scan# 2327
 Delta R.T. -0.02 min
 Lab File: BM017549.D
 Acq: 07 Nov 2018 04:28

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	1294901		
268	63.3	50.7	76.1	
264	63.4	50.4	75.6	





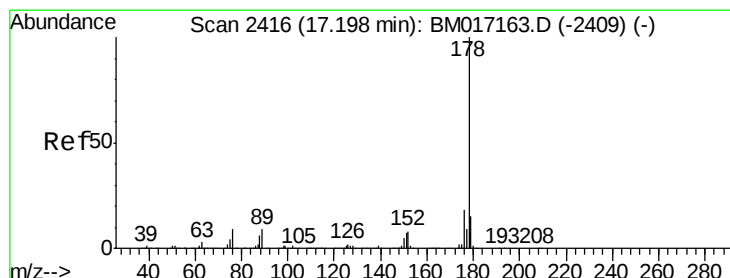
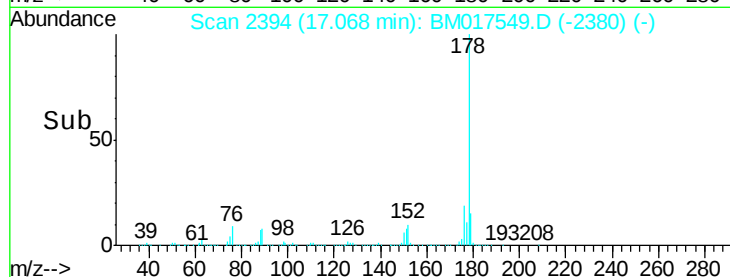
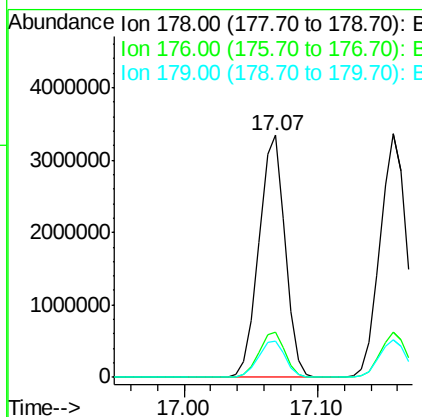
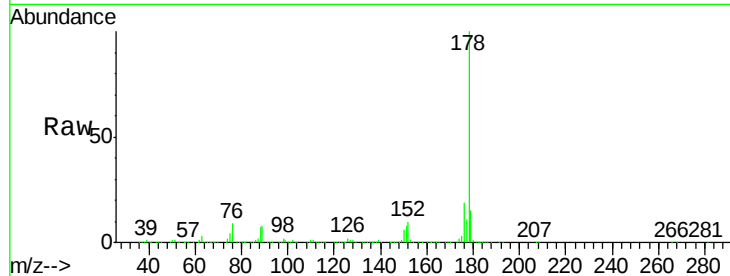
#71
Phenanthrene
Concen: 51.803 ng
RT: 17.07 min Scan# 2394
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Instrument :
BNA_M
ClientSampleId :
NB-08-110518MSD

Tgt Ion:178 Resp: 4502270
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.6
179 15.2 12.3 18.5

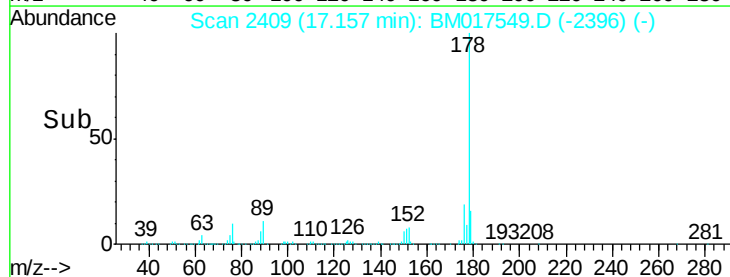
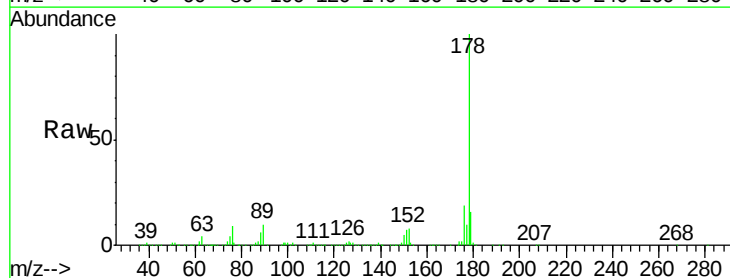
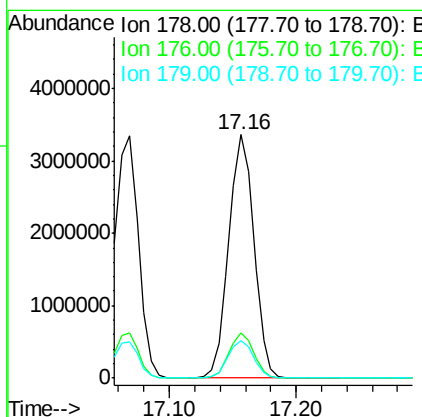
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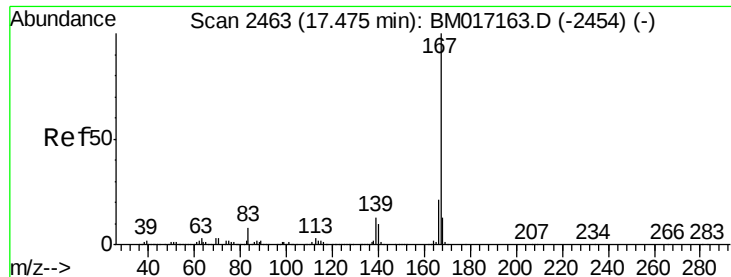
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#72
Anthracene
Concen: 55.955 ng
RT: 17.16 min Scan# 2409
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Tgt Ion:178 Resp: 4620831
Ion Ratio Lower Upper
178 100
176 18.7 14.5 21.7
179 15.5 12.2 18.2





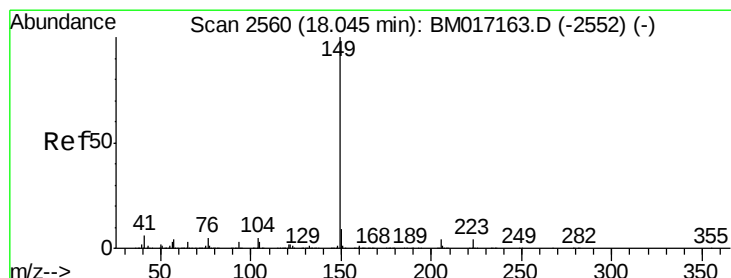
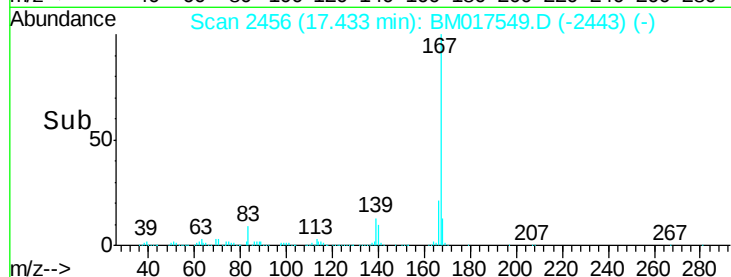
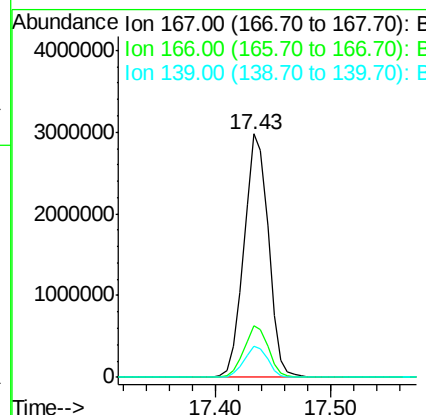
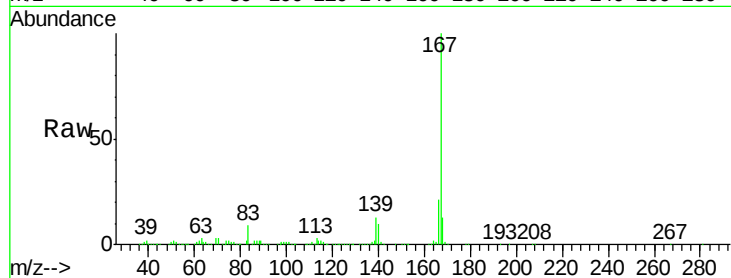
#73
 Carbazole
 Concen: 51.745 ng
 RT: 17.43 min Scan# 2456
 Delta R.T. -0.02 min
 Lab File: BM017549.D
 Acq: 07 Nov 2018 04:28

Instrument :
 BNA_M
 ClientSampleId :
 NB-08-110518MSD

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.1	25.7
139	12.9	10.1	15.1

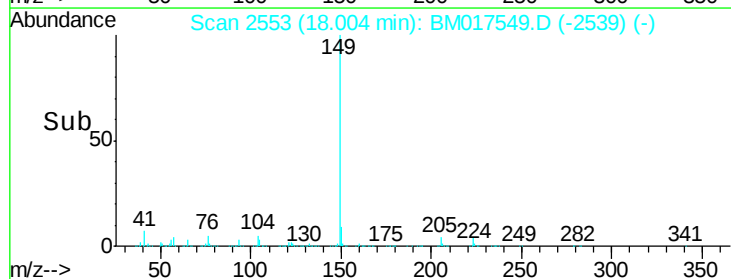
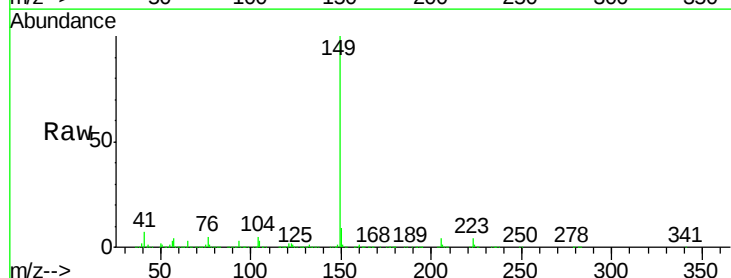
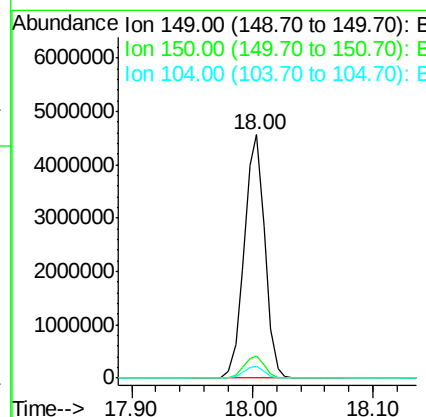
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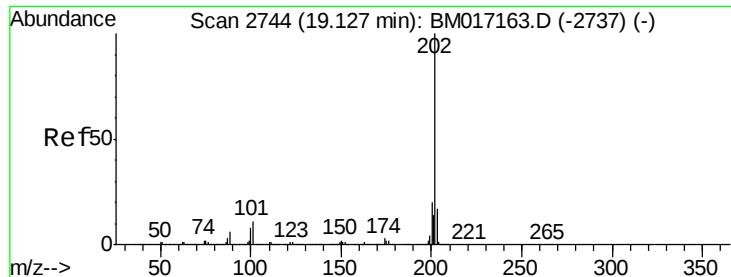
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#74
 Di-n-butylphthalate
 Concen: 60.959 ng
 RT: 18.00 min Scan# 2553
 Delta R.T. -0.02 min
 Lab File: BM017549.D
 Acq: 07 Nov 2018 04:28

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	4.9	4.3	6.5





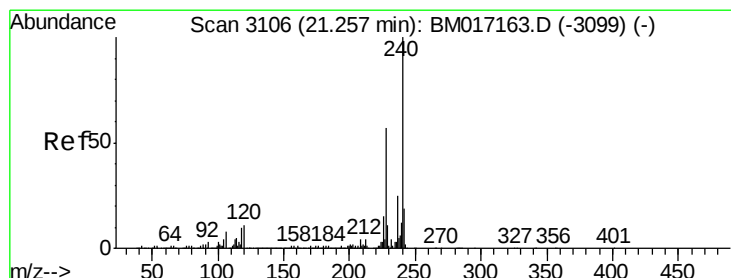
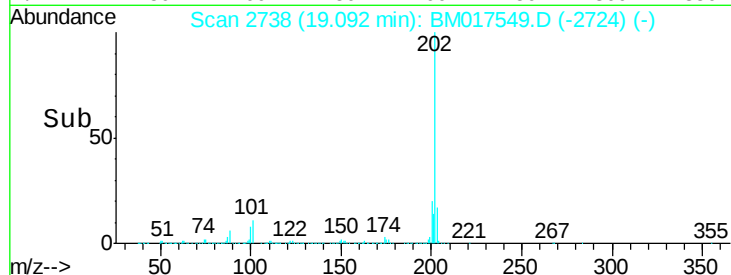
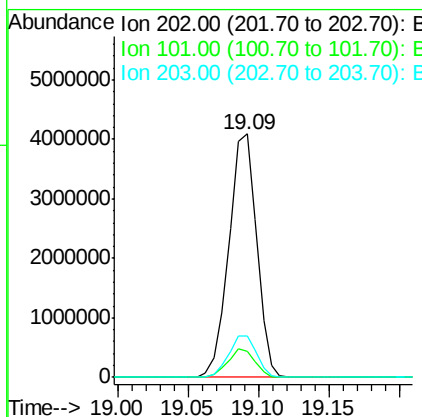
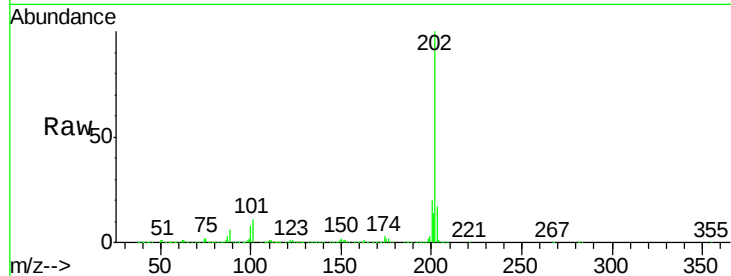
#75
 Fluoranthene
 Concen: 57.453 ng
 RT: 19.09 min Scan# 2738
 Delta R.T. -0.02 min
 Lab File: BM017549.D
 Acq: 07 Nov 2018 04:28

Instrument :
 BNA_M
 ClientSampleId :
 NB-08-110518MSD

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	30.0
203	17.2	0.0	37.2

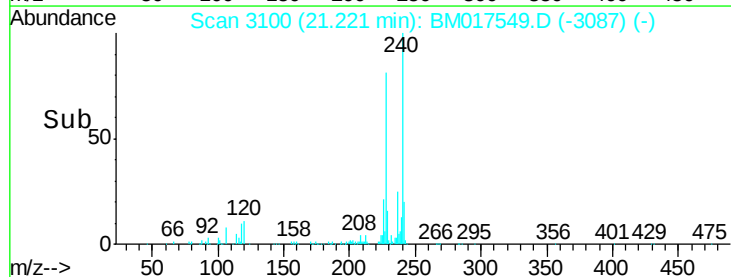
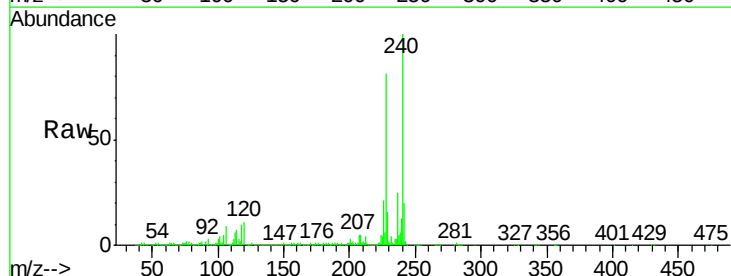
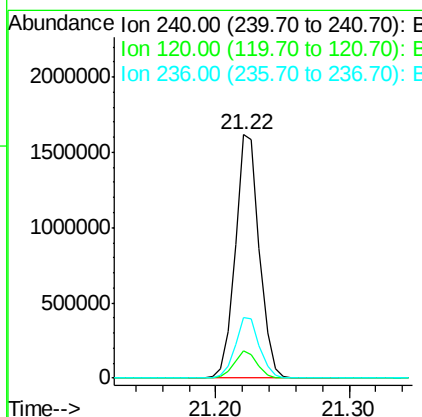
Manual Integrations
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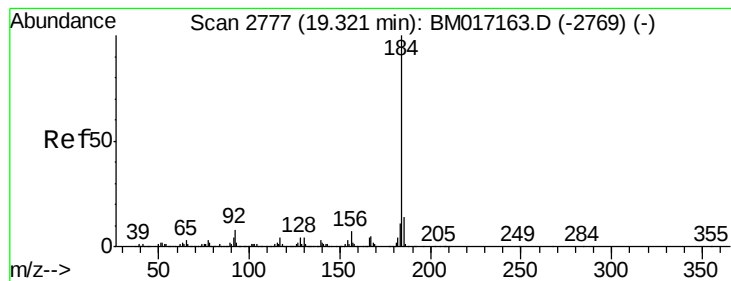
Sohil
 11/7/2018 4:09:08 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.22 min Scan# 3100
 Delta R.T. -0.02 min
 Lab File: BM017549.D
 Acq: 07 Nov 2018 04:28

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.1	12.1
236	25.1	19.9	29.9





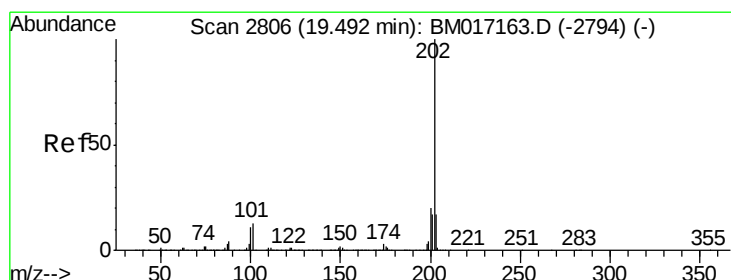
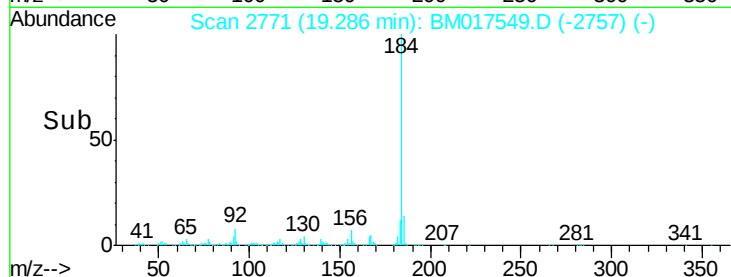
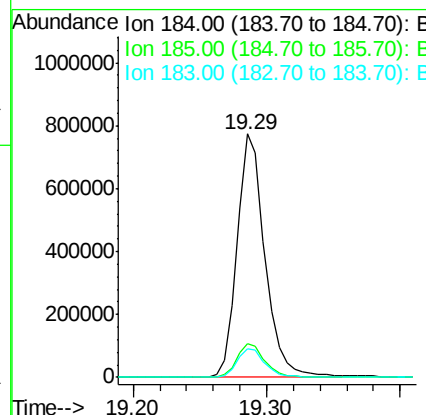
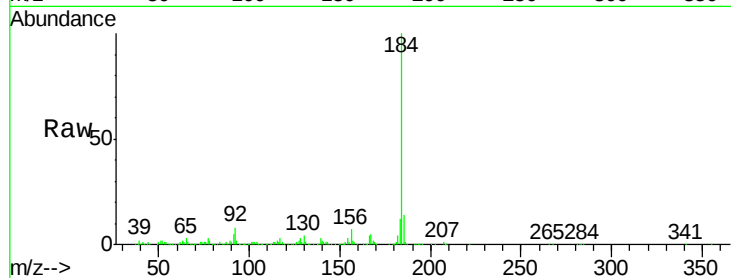
#77
Benzidine
Concen: 21.958 ng
RT: 19.29 min Scan# 2771
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Instrument :
BNA_M
ClientSampleId :
NB-08-110518MSD

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.8	17.8
183	11.7	9.7	14.5

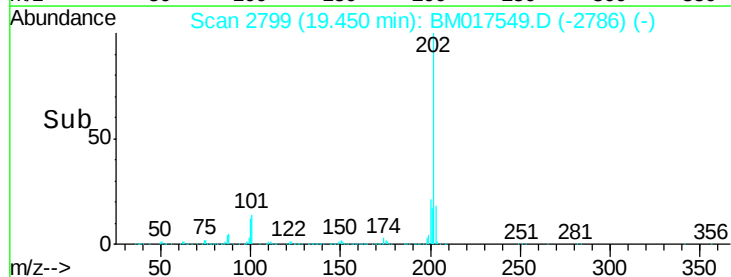
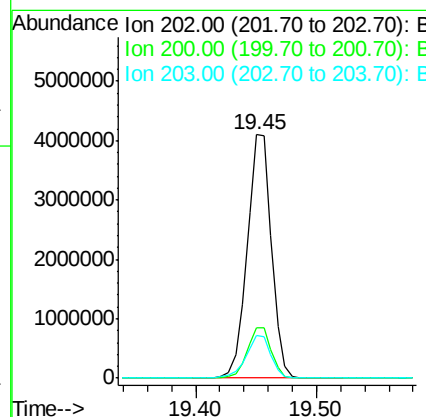
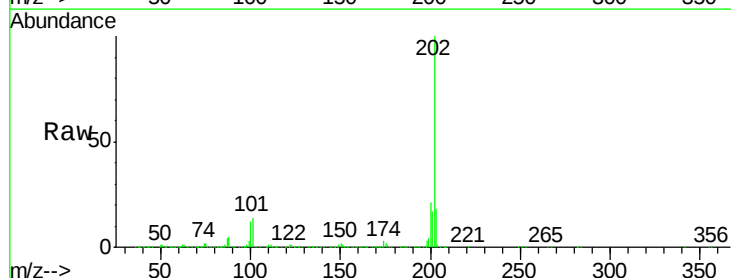
Manual Integrations
APPROVED

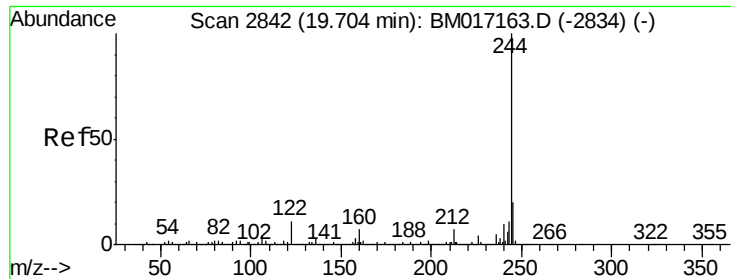
Sohil
11/7/2018 4:09:08 PM



#78
Pyrene
Concen: 50.711 ng
RT: 19.45 min Scan# 2799
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.3	24.5
203	17.7	13.9	20.9





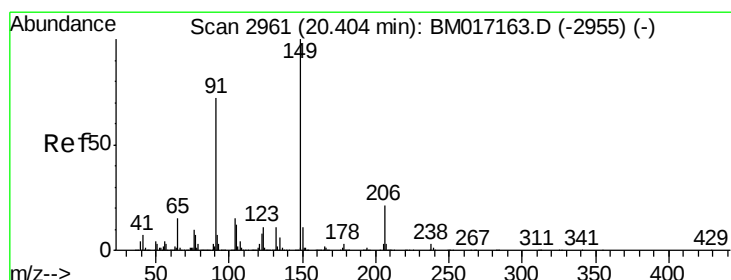
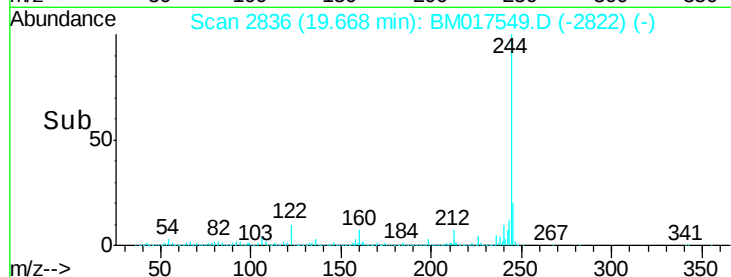
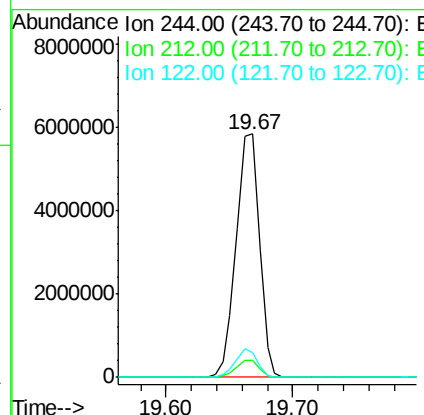
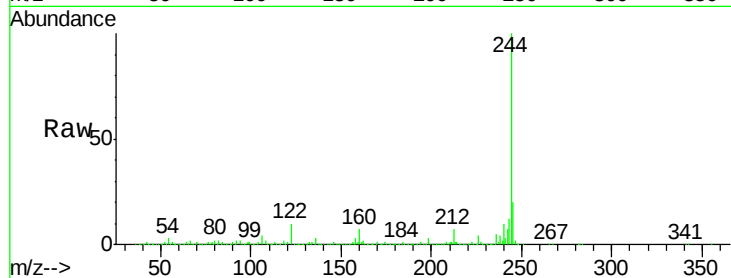
#79
 Terphenyl-d14
 Concen: 82.710 ng
 RT: 19.67 min Scan# 2836
 Delta R.T. -0.02 min
 Lab File: BM017549.D
 Acq: 07 Nov 2018 04:28

Instrument :
 BNA_M
 ClientSampleId :
 NB-08-110518MSD

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.5	8.3
122	10.3	8.4	12.6

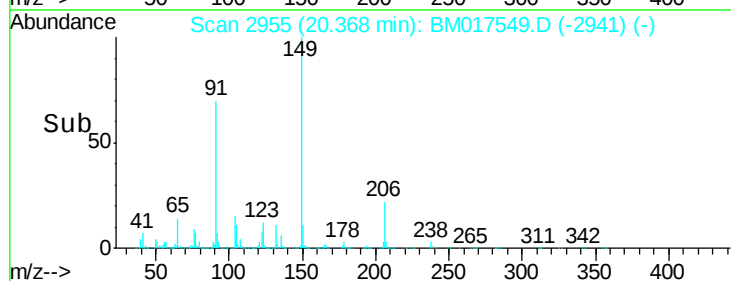
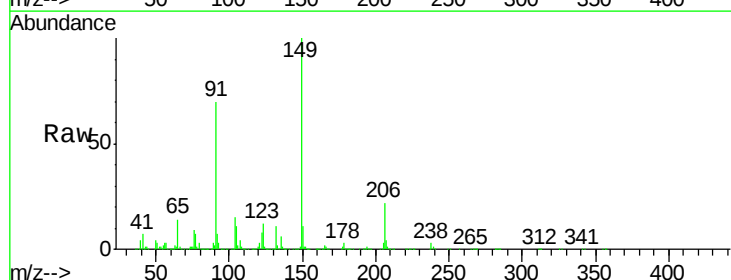
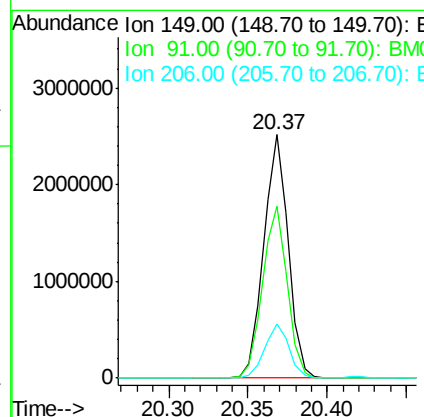
Manual Integrations
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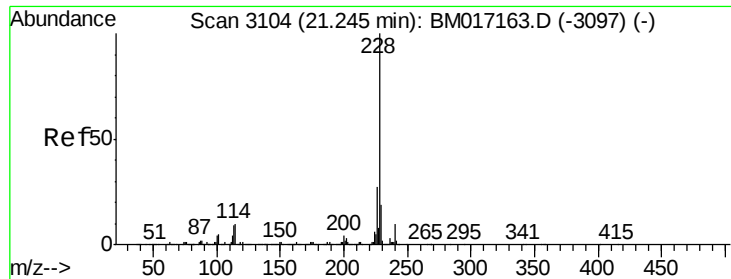
Sohil
 11/7/2018 4:09:08 PM



#80
 Butylbenzylphthalate
 Concen: 60.781 ng
 RT: 20.37 min Scan# 2955
 Delta R.T. -0.02 min
 Lab File: BM017549.D
 Acq: 07 Nov 2018 04:28

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.4	51.3	76.9
206	22.3	18.0	27.0





#81

Benzo(a)anthracene

Concen: 53.385 ng

RT: 21.21 min Scan# 3098

Delta R.T. -0.02 min

Lab File: BM017549.D

Acq: 07 Nov 2018 04:28

Instrument :

BNA_M

ClientSampleId :

NB-08-110518MSD

Tgt Ion:228 Resp: 6077245

Ion Ratio Lower Upper

228 100

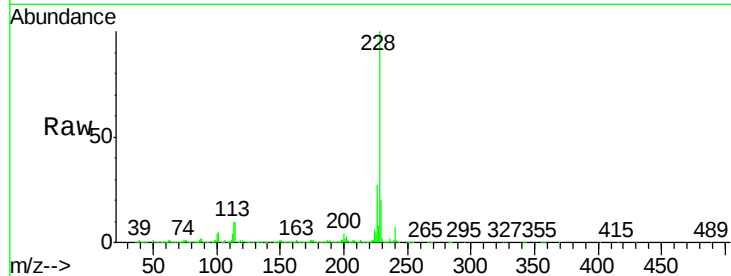
226 27.0 21.4 32.0

229 20.1 15.9 23.9

Manual Integrations
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Sohil

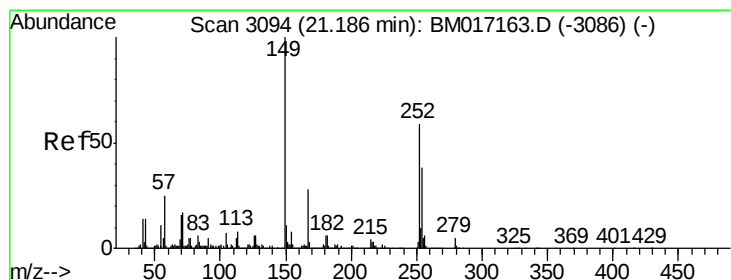
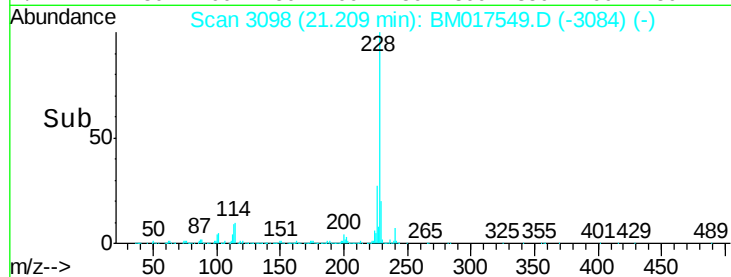
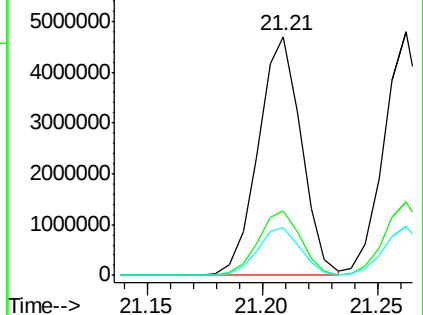
11/7/2018 4:09:08 PM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 21.208 ng

RT: 21.14 min Scan# 3087

Delta R.T. -0.02 min

Lab File: BM017549.D

Acq: 07 Nov 2018 04:28

Tgt Ion:252 Resp: 899829

Ion Ratio Lower Upper

252 100

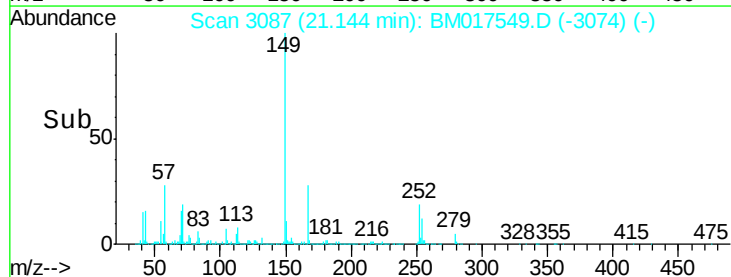
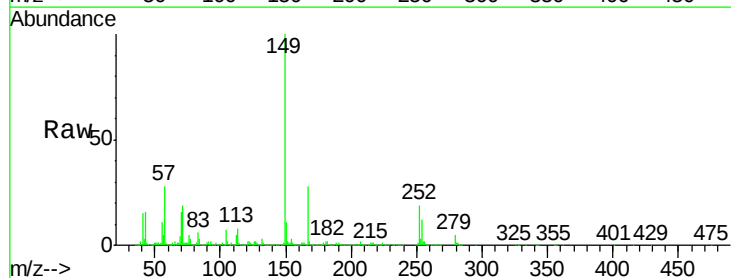
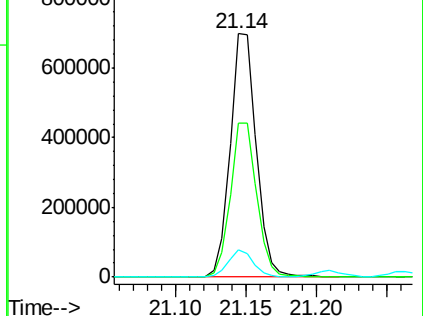
254 63.3 52.1 78.1

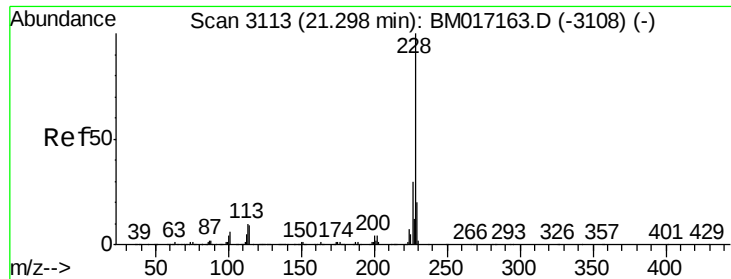
126 11.1 8.6 12.8

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





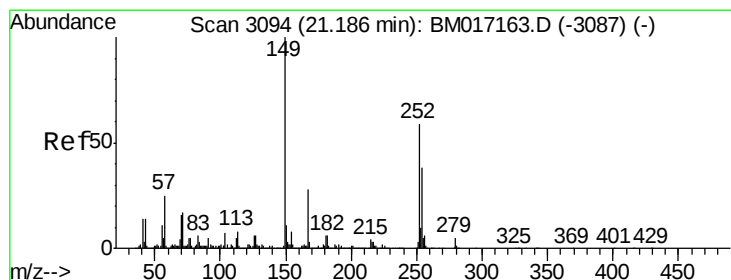
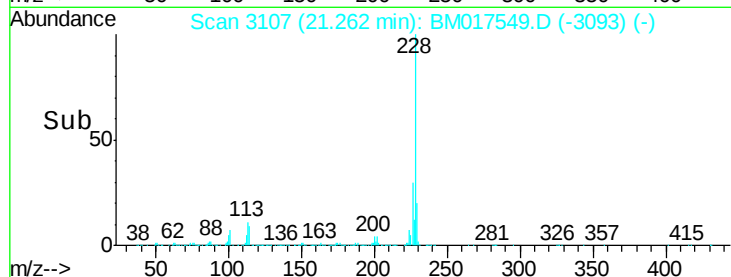
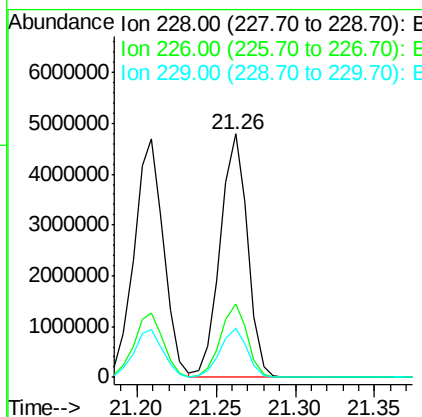
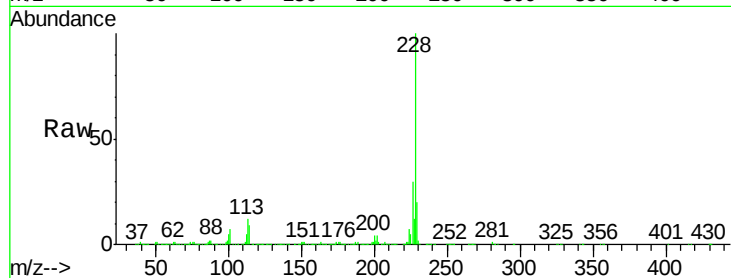
#83
Chrysene
 Concen: 50.716 ng
 RT: 21.26 min Scan# 3107
 Delta R.T. -0.02 min
 Lab File: BM017549.D
 Acq: 07 Nov 2018 04:28

Instrument :
 BNA_M
 ClientSampleId :
 NB-08-110518MSD

Tgt Ion: 228 Resp: 5714572
 Ion Ratio Lower Upper
 228 100
 226 30.1 23.3 34.9
 229 19.9 15.6 23.4

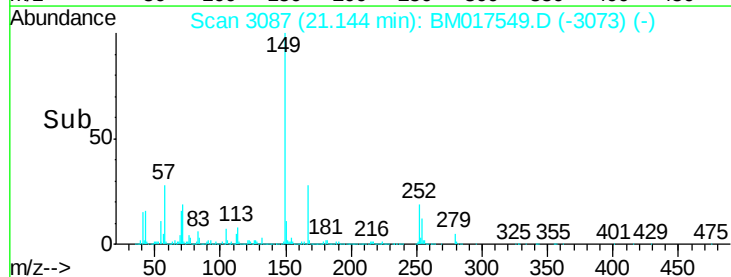
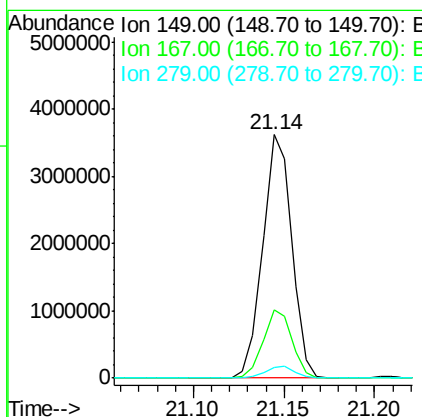
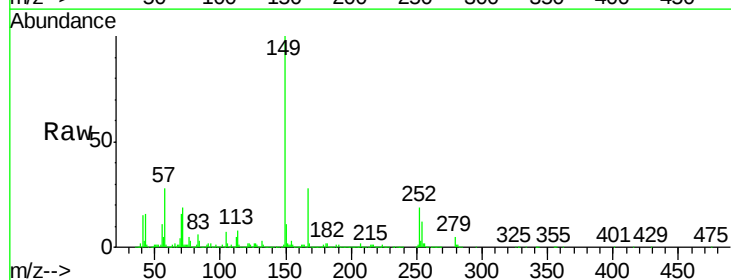
Manual Integrations
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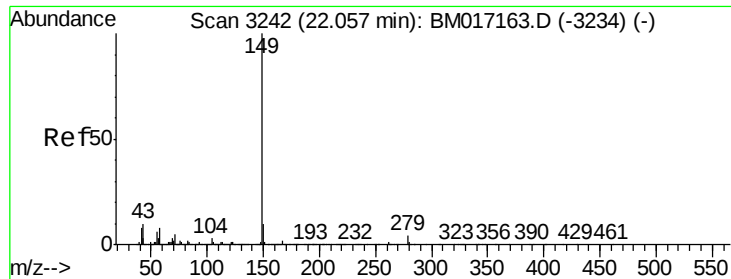
Sohil
 11/7/2018 4:09:08 PM



#84
Bis(2-ethylhexyl)phthalate
 Concen: 59.711 ng
 RT: 21.14 min Scan# 3087
 Delta R.T. -0.02 min
 Lab File: BM017549.D
 Acq: 07 Nov 2018 04:28

Tgt Ion: 149 Resp: 4026448
 Ion Ratio Lower Upper
 149 100
 167 28.1 22.2 33.4
 279 4.5 3.6 5.4





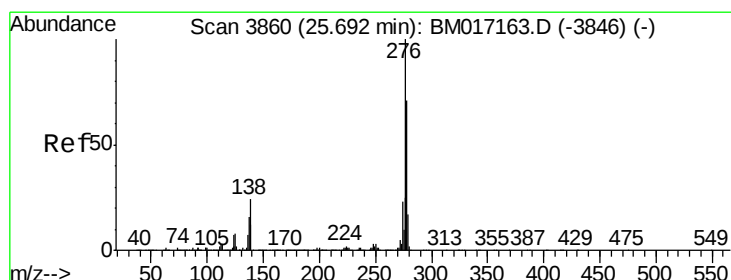
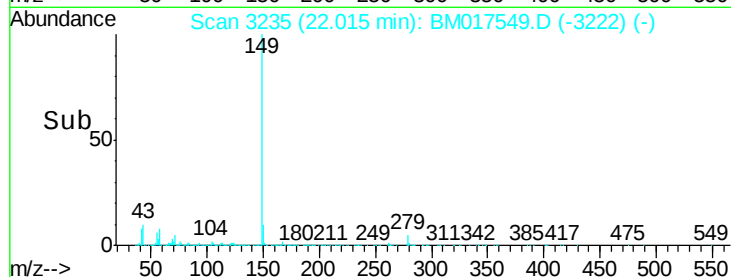
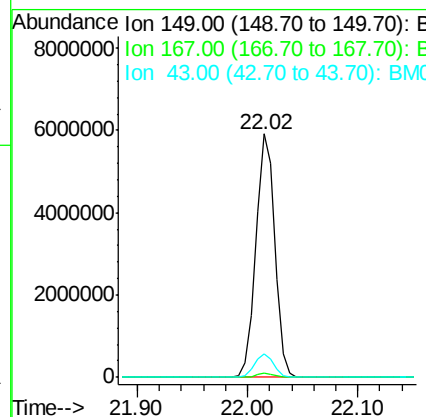
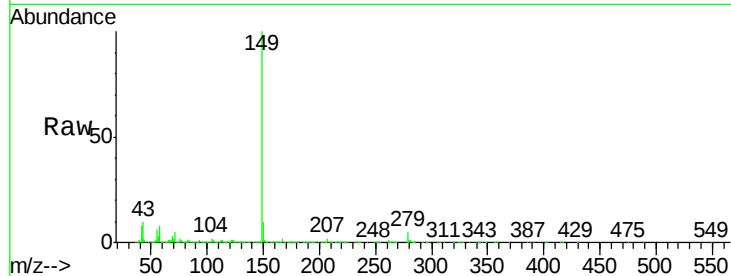
#85
Di-n-octyl phthalate
Concen: 61.765 ng
RT: 22.02 min Scan# 3235
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Instrument :
BNA_M
ClientSampleId :
NB-08-110518MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	9.8	7.2	10.8

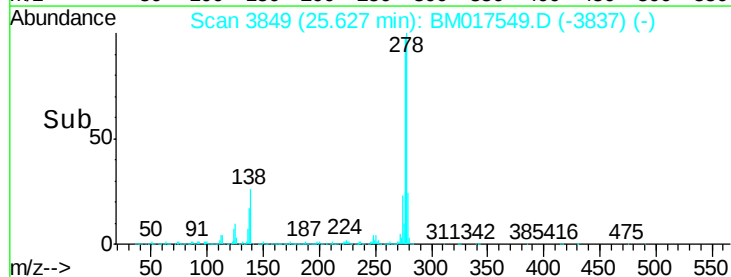
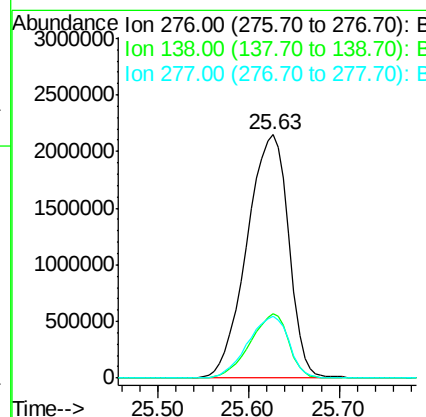
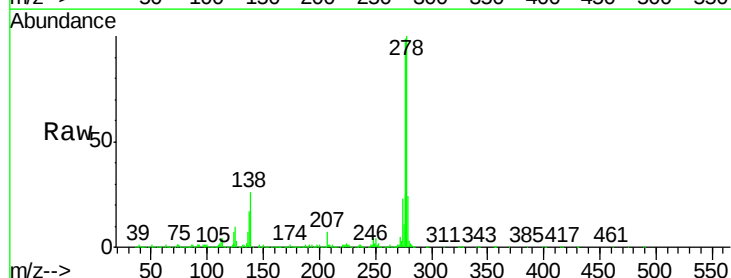
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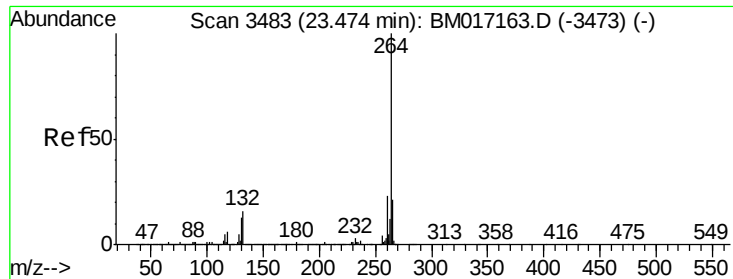
Sohil
11/7/2018 4:09:08 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 54.491 ng
RT: 25.63 min Scan# 3849
Delta R.T. -0.03 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.6	19.5	29.3
277	25.1	20.1	30.1





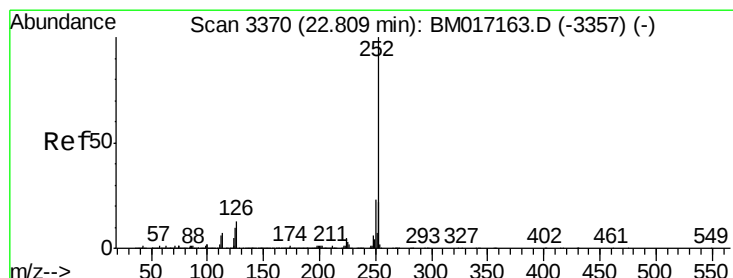
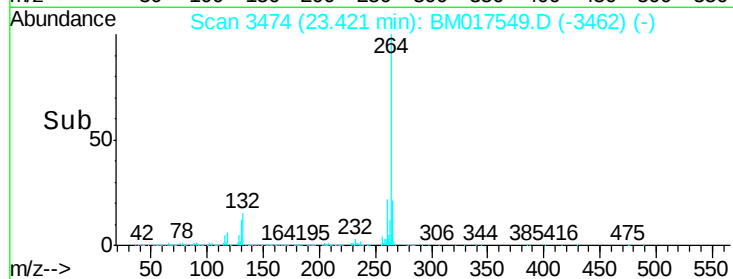
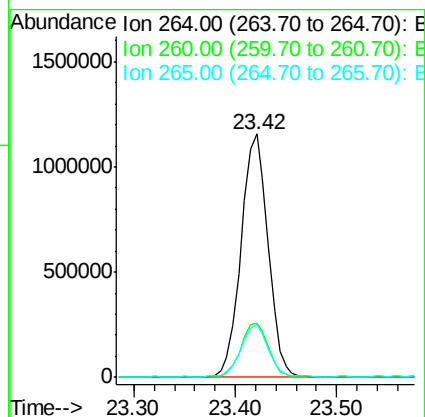
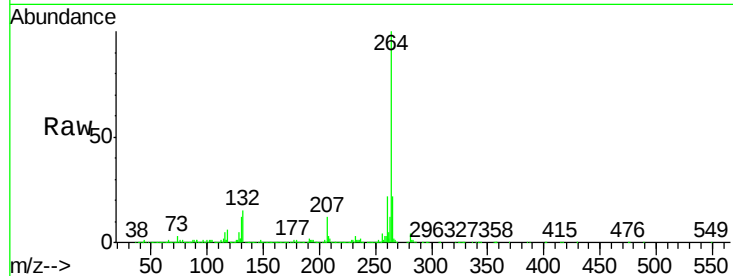
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.42 min Scan# 3474
Delta R.T. -0.03 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Instrument :
BNA_M
ClientSampleId :
NB-08-110518MSD

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.6	27.8
265	21.8	17.8	26.8

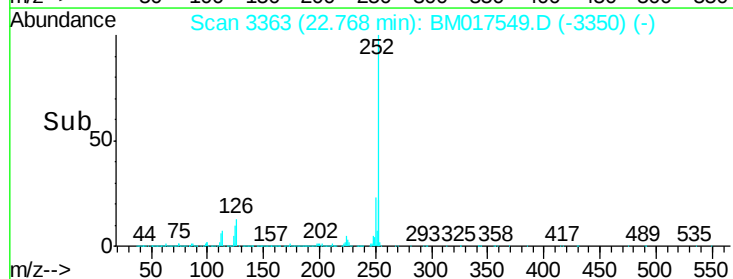
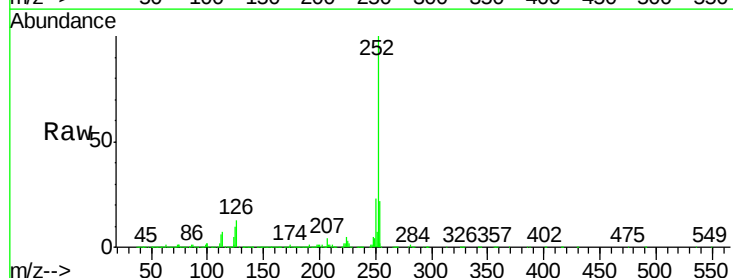
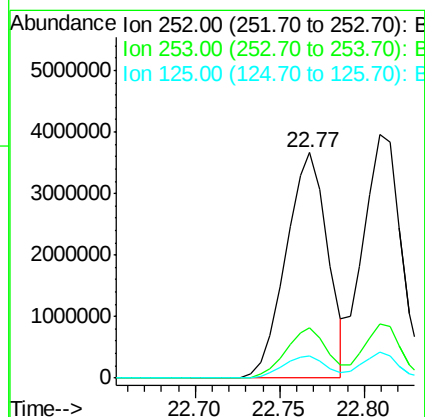
Manual Integrations
APPROVED

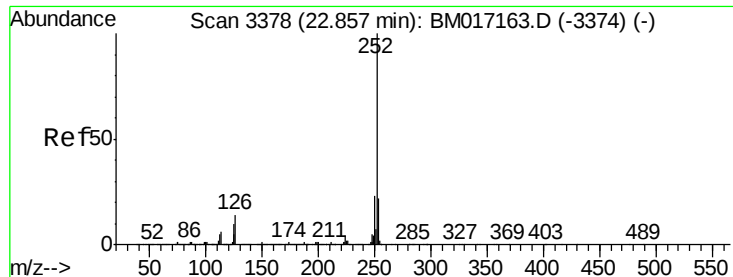
Sohil
11/7/2018 4:09:08 PM



#88
Benzo(b)fluoranthene
Concen: 53.624 ng
RT: 22.77 min Scan# 3363
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	10.0	7.5	11.3





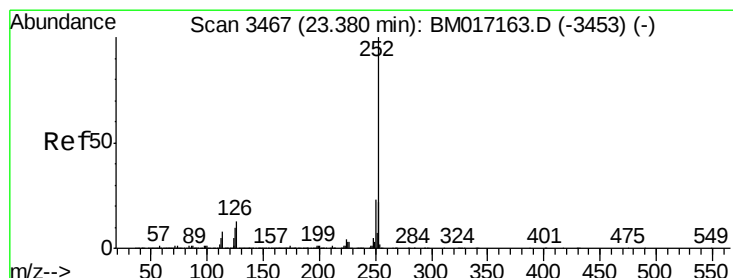
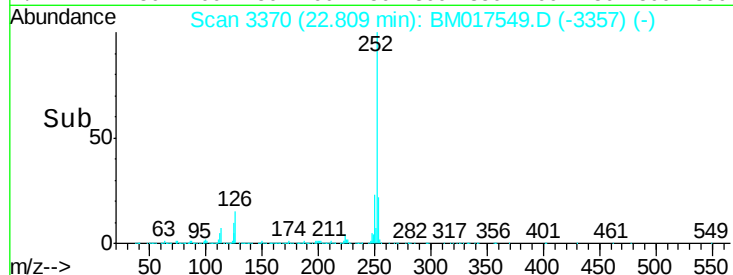
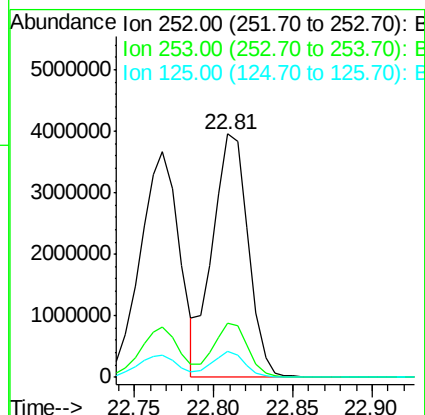
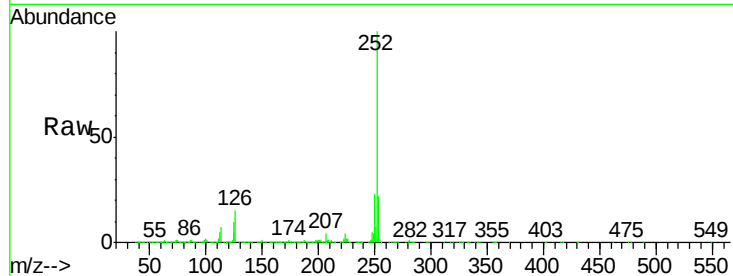
#89
Benzo(k)fluoranthene
Concen: 52.628 ng
RT: 22.81 min Scan# 3370
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Instrument :
BNA_M
ClientSampleId :
NB-08-110518MSD

Tgt Ion:252 Resp: 6177083
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 10.5 8.2 12.2

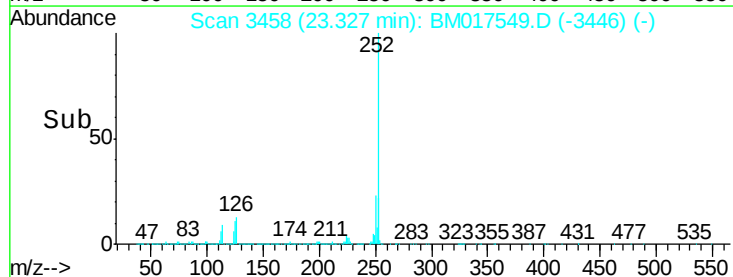
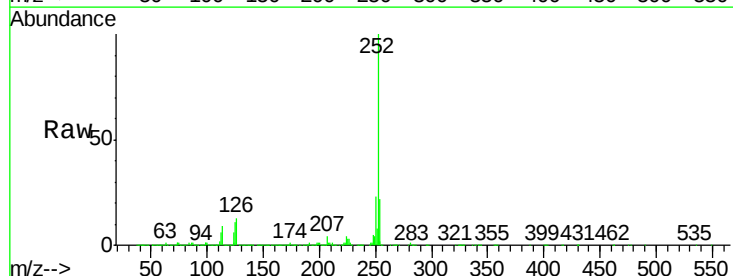
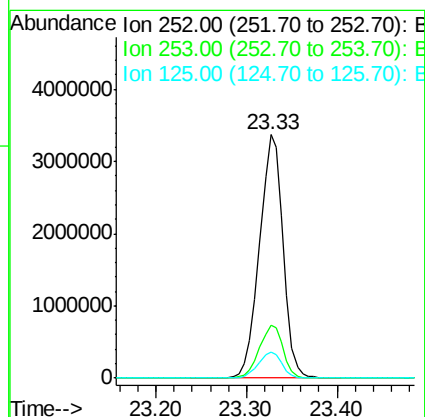
Manual Integrations
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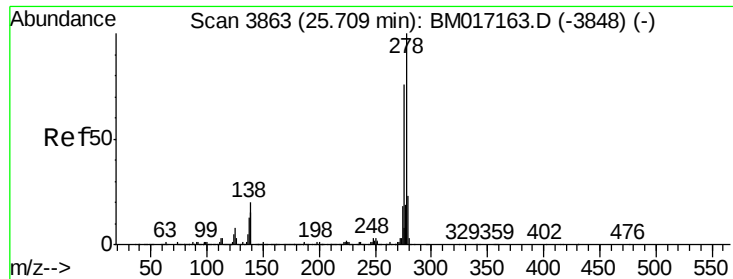
Sohil
11/7/2018 4:09:08 PM



#90
Benzo(a)pyrene
Concen: 54.700 ng
RT: 23.33 min Scan# 3458
Delta R.T. -0.03 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Tgt Ion:252 Resp: 6074998
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 10.8 8.6 13.0





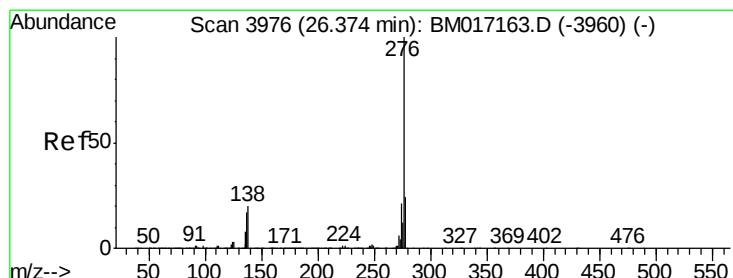
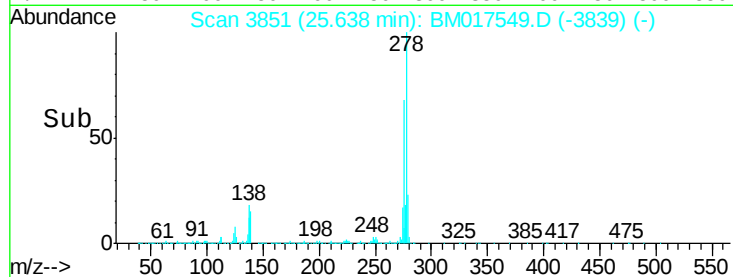
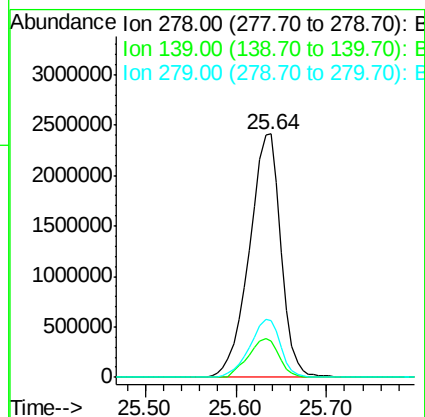
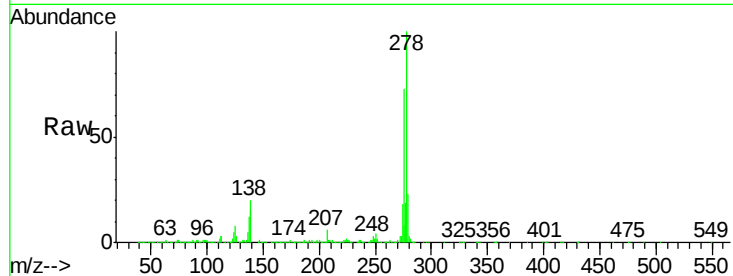
#91
Dibenzo(a,h)anthracene
Concen: 52.921 ng
RT: 25.64 min Scan# 3851
Delta R.T. -0.03 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Instrument :
BNA_M
ClientSampleId :
NB-08-110518MSD

Tgt Ion:278 Resp: 5836102
Ion Ratio Lower Upper
278 100
139 14.8 12.7 19.1
279 23.5 18.7 28.1

Manual Integrations
APPROVED

Sohil
11/7/2018 4:09:08 PM



#92
Benzo(g,h,i)perylene
Concen: 51.987 ng
RT: 26.29 min Scan# 3962
Delta R.T. -0.04 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Tgt Ion:276 Resp: 5682142
Ion Ratio Lower Upper
276 100
277 23.7 18.6 28.0
138 20.1 16.4 24.6

