

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111418\
 Data File : BM017659.D
 Acq On : 14 Nov 2018 22:15
 Operator : MJ/SJ
 Sample : J5889-09MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WALL-DMSD

Manual Integrations
 APPROVED

Sohil
 11/15/2018 4:20:29 PM

Quant Time: Nov 15 04:14:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 18:37:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	249447	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	1006295	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	579457	20.00	ng	0.00
64) Phenanthrene-d10	17.01	188	1293333	20.00	ng	0.00
76) Chrysene-d12	21.21	240	1320786	20.00	ng	0.00
87) Perylene-d12	23.40	264	1124097	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.24	112	2408708	162.96	ng	0.00
7) Phenol-d6	6.81	99	3283351	159.05	ng	0.00
23) Nitrobenzene-d5	8.77	82	2057169	105.54	ng	0.00
42) 2,4,6-Tribromophenol	15.76	330	1403237	168.54	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	4614407	103.31	ng	0.00
79) Terphenyl-d14	19.66	244	6517323	111.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	216358	35.147	ng	99
3) Pyridine	3.61	79	680706	37.698	ng	99
4) n-Nitrosodimethylamine	3.53	42	388637	48.860	ng	99
6) Aniline	6.96	93	820713	32.059	ng	99
8) 2-Chlorophenol	7.19	128	887552	50.174	ng	98
9) Benzaldehyde	6.77	77	510453	33.944	ng	99
10) Phenol	6.83	94	1267869	58.513	ng	99
11) bis(2-Chloroethyl)ether	7.06	93	773571	45.224	ng	100
12) 1,3-Dichlorobenzene	7.50	146	869912	43.833	ng	98
13) 1,4-Dichlorobenzene	7.65	146	893673	43.932	ng	99
14) 1,2-Dichlorobenzene	7.96	146	869618	44.087	ng	99
15) Benzyl Alcohol	7.86	79	792608	48.212	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.15	45	1146208	44.011	ng	99
17) 2-Methylphenol	8.06	107	731313	50.101	ng	99
18) Hexachloroethane	8.67	117	319133	44.512	ng	99
19) n-Nitroso-di-n-propylamine	8.42	70	669132	45.143	ng	98
20) 3+4-Methylphenols	8.39	107	1002427	49.427	ng	98
22) Acetophenone	8.44	105	1291478	51.422	ng	# 98
24) Nitrobenzene	8.81	77	986302	49.872	ng	98
25) Isophorone	9.33	82	1764423	58.606	ng	99
26) 2-Nitrophenol	9.51	139	478005	52.473	ng	98
27) 2,4-Dimethylphenol	9.58	122	783433	59.674	ng	99
28) bis(2-Chloroethoxy)methane	9.82	93	1090670	53.489	ng	98
29) 2,4-Dichlorophenol	10.04	162	853725	56.019	ng	98
30) 1,2,4-Trichlorobenzene	10.25	180	874153	49.317	ng	97
31) Naphthalene	10.43	128	2668203	53.929	ng	99
32) Benzoic acid	9.69	122	84430m	7.099	ng	
33) 4-Chloroaniline	10.56	127	274367	12.662	ng	99
34) Hexachlorobutadiene	10.71	225	506943	46.069	ng	98
35) Caprolactam	11.37	113	262115m	46.703	ng	
36) 4-Chloro-3-methylphenol	11.69	107	936812	53.242	ng	99
37) 2-Methylnaphthalene	12.05	142	1968472	56.293	ng	99
38) 1-Methylnaphthalene	12.27	142	1866341	54.433	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	998713	48.877	ng	99

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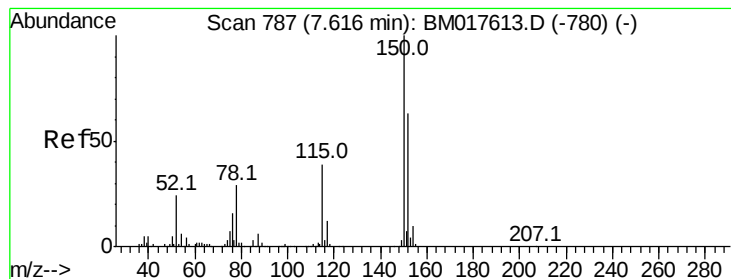
Manual Integrations
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 11/15/2018 4:20:29 PM

Quant Time: Nov 15 04:14:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	1180790	111.833	ng	98
43) 2,4,6-Trichlorophenol	12.68	196	705768	55.144	ng	100
44) 2,4,5-Trichlorophenol	12.75	196	749084	55.431	ng	99
46) 1,1'-Biphenyl	13.09	154	2491613	47.904	ng	100
47) 2-Chloronaphthalene	13.12	162	1947412	50.443	ng	98
48) 2-Nitroaniline	13.35	65	633881	53.092	ng	98
49) Acenaphthylene	13.98	152	3198672	55.146	ng	100
50) Dimethylphthalate	13.73	163	3395321	72.069	ng	99
51) 2,6-Dinitrotoluene	13.85	165	555937	52.993	ng	98
52) Acenaphthene	14.32	154	1842134	51.749	ng	99
53) 3-Nitroaniline	14.19	138	359650	31.488	ng	100
54) 2,4-Dinitrophenol	14.39	184	357497	57.971	ng	97
55) Dibenzofuran	14.66	168	2961040	50.900	ng	98
56) 4-Nitrophenol	14.51	139	968556	99.591	ng	98
57) 2,4-Dinitrotoluene	14.64	165	783638	55.415	ng	98
58) Fluorene	15.32	166	2426697	54.490	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.89	232	696506	56.036	ng	99
60) Diethylphthalate	15.10	149	2492077	48.957	ng	99
61) 4-Chlorophenyl-phenylether	15.31	204	1217181	48.105	ng	98
62) 4-Nitroaniline	15.36	138	556703	51.717	ng	99
63) Azobenzene	15.60	77	2354739	50.040	ng	99
65) 4,6-Dinitro-2-methylphenol	15.41	198	427896	47.758	ng	98
66) n-Nitrosodiphenylamine	15.53	169	2125731	51.121	ng	99
67) 4-Bromophenyl-phenylether	16.21	248	748085	48.907	ng	97
68) Hexachlorobenzene	16.32	284	834430	48.390	ng	97
69) Atrazine	16.50	200	746580	48.815	ng	98
70) Pentachlorophenol	16.67	266	1075644	89.027	ng	99
71) Phenanthrene	17.06	178	3736110	53.237	ng	100
72) Anthracene	17.14	178	3818353	55.913	ng	100
73) Carbazole	17.42	167	3500745	50.730	ng	100
74) Di-n-butylphthalate	17.99	149	4150266	54.027	ng	99
75) Fluoranthene	19.08	202	4288293	54.005	ng	99
77) Benzidine	19.28	184	2089182	48.574	ng	100
78) Pyrene	19.44	202	4377824	53.720	ng	100
80) Butylbenzylphthalate	20.36	149	1894653	57.241	ng	100
81) Benzo(a)anthracene	21.20	228	4136595	54.363	ng	99
82) 3,3'-Dichlorobenzidine	21.14	252	1084309	36.922	ng	100
83) Chrysene	21.25	228	3831164	51.838	ng	100
84) Bis(2-ethylhexyl)phthalate	21.13	149	2672487	54.616	ng	99
85) Di-n-octyl phthalate	22.00	149	4441045	56.680	ng	100
86) Indeno(1,2,3-cd)pyrene	25.59	276	3366593	57.004	ng	99
88) Benzo(b)fluoranthene	22.75	252	3541221	53.793	ng	99
89) Benzo(k)fluoranthene	22.79	252	3572378	53.690	ng	100
90) Benzo(a)pyrene	23.31	252	3322521	55.353	ng	99
91) Dibenzo(a,h)anthracene	25.60	278	2866634	56.807	ng	100
92) Benzo(g,h,i)perylene	26.26	276	2721082	57.342	ng	99

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



#1

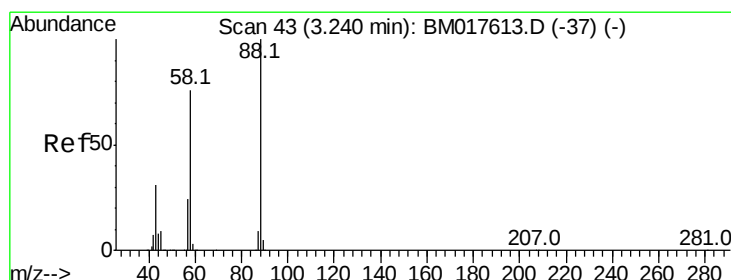
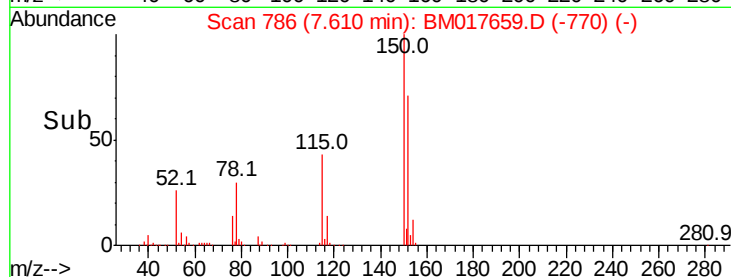
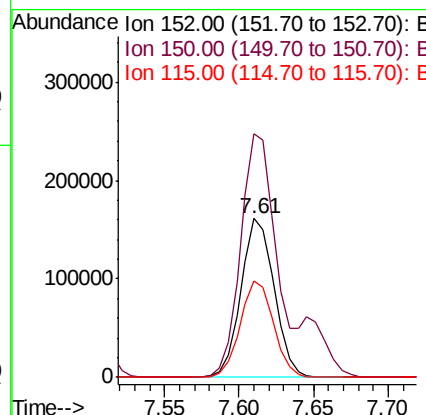
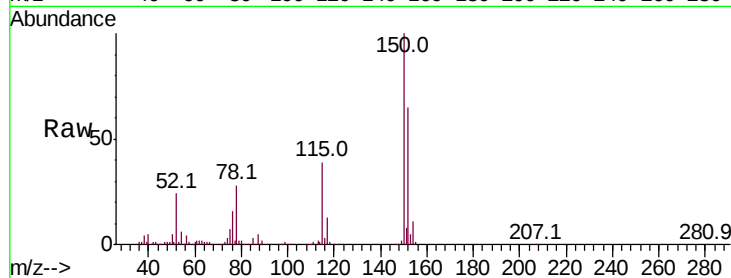
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.61 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM017659.D
Acq: 14 Nov 2018 22:15

Instrument :
BNA_M
ClientSampleId :
WALL-DMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	126.4	189.6
115	60.4	49.4	74.0

Manual Integrations
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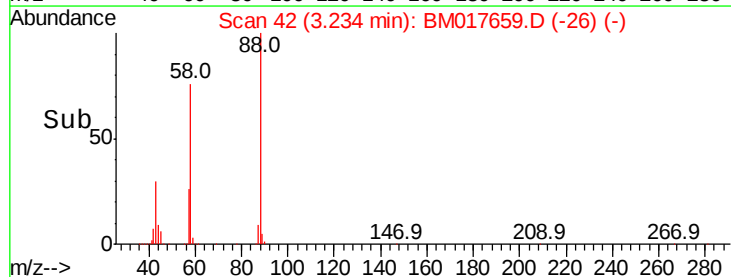
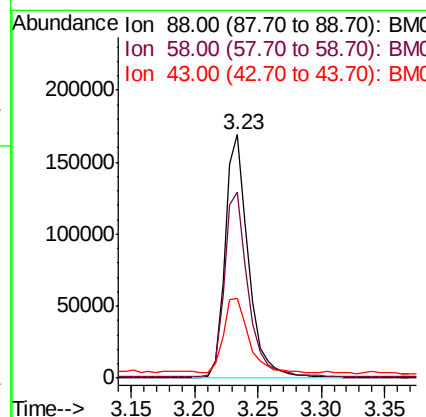
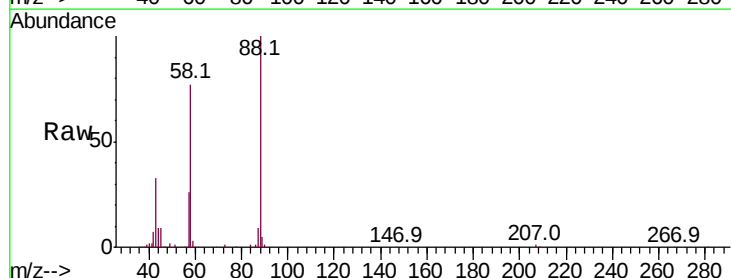
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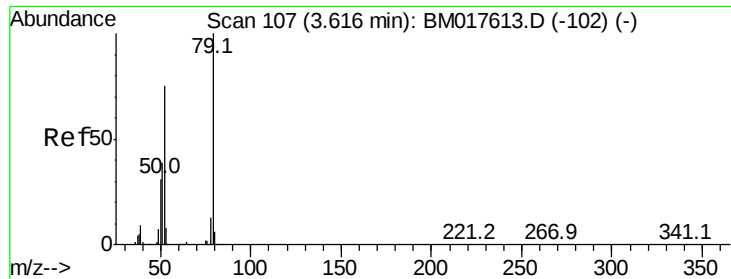


#2

1,4-Dioxane
Concen: 35.147 ng
RT: 3.23 min Scan# 42
Delta R.T. -0.01 min
Lab File: BM017659.D
Acq: 14 Nov 2018 22:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.4	62.0	93.0
43	32.8	26.8	40.2





#3

Pvridine

Concen: 37.698 ng

RT: 3.61 min Scan# 106

Delta R.T. -0.01 min

Lab File: BM017659.D

Acq: 14 Nov 2018 22:15

Instrument :

BNA_M

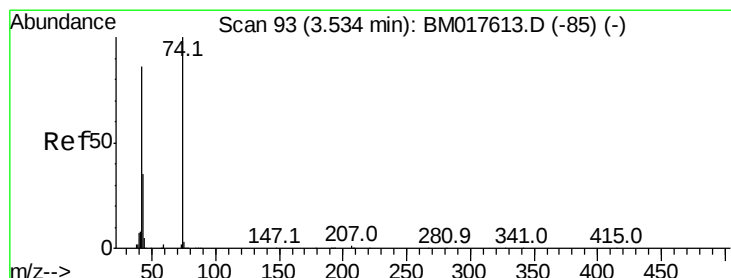
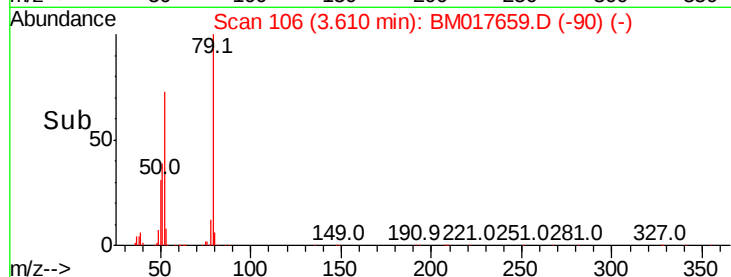
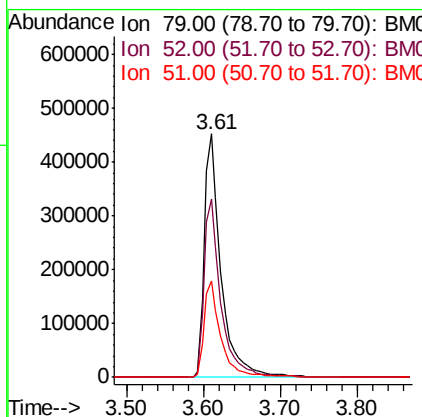
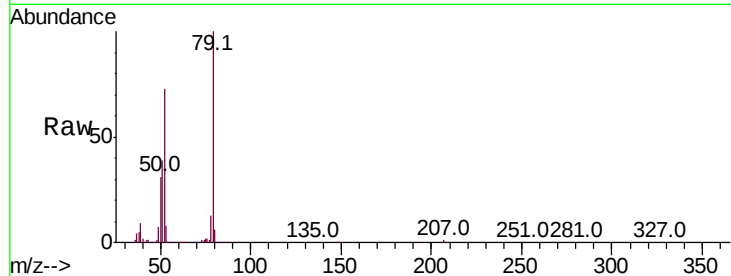
ClientSampleId :

WALL-DMSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	73.5	60.1	90.1
51	39.3	31.1	46.7

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 48.860 ng

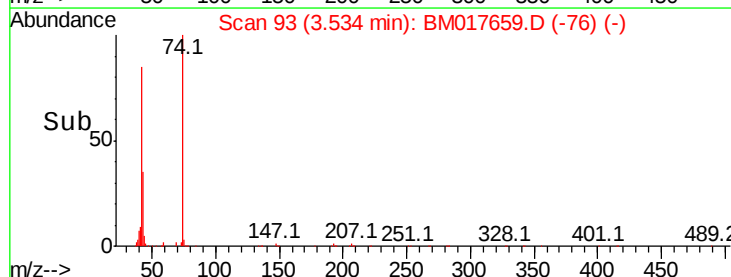
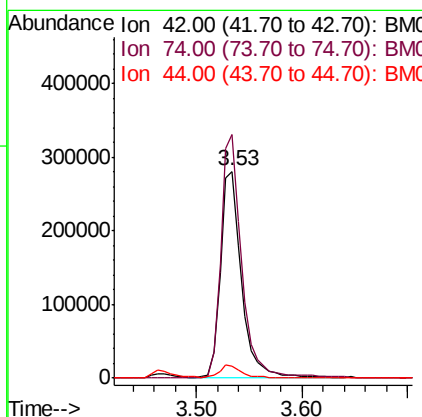
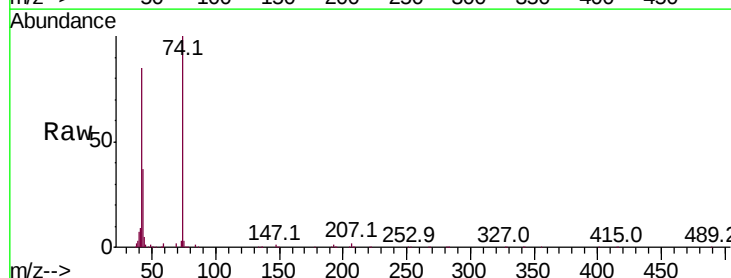
RT: 3.53 min Scan# 93

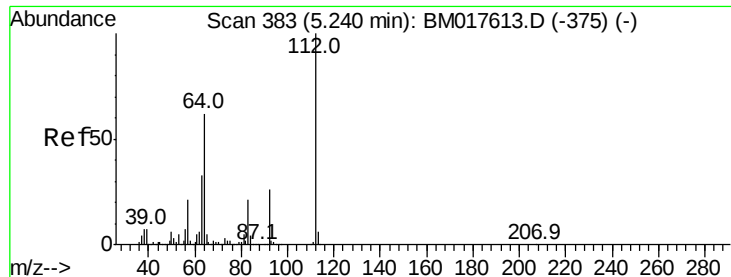
Delta R.T. 0.00 min

Lab File: BM017659.D

Acq: 14 Nov 2018 22:15

Tgt Ion	Ratio	Lower	Upper
42	100		
74	117.7	93.1	139.7
44	6.0	5.0	7.6





#5

2-Fluorophenol

Concen: 162.962 ng

RT: 5.24 min Scan# 383

Delta R.T. 0.00 min

Lab File: BM017659.D

Acq: 14 Nov 2018 22:15

Instrument :

BNA_M

ClientSampleId :

WALL-DMSD

Tot Ion:112 Resp: 2408708

Ion Ratio Lower Upper

112 100

64 61.7 49.3 73.9

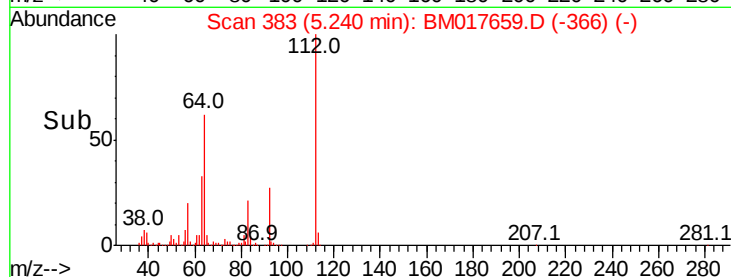
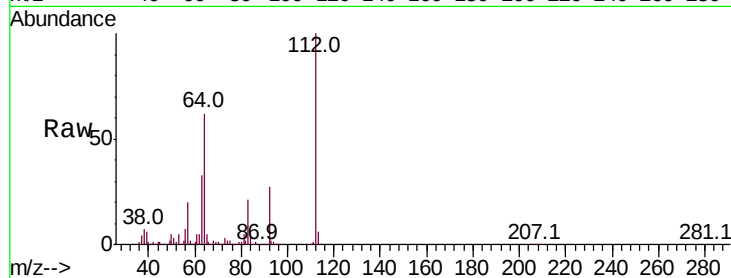
63 33.1 26.2 39.4

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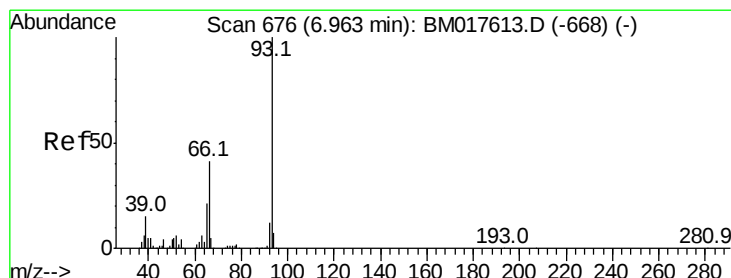
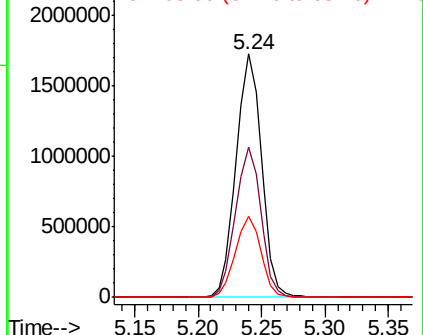
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BMO

Ion 63.00 (62.70 to 63.70): BMO



#6

Aniline

Concen: 32.059 ng

RT: 6.96 min Scan# 676

Delta R.T. 0.00 min

Lab File: BM017659.D

Acq: 14 Nov 2018 22:15

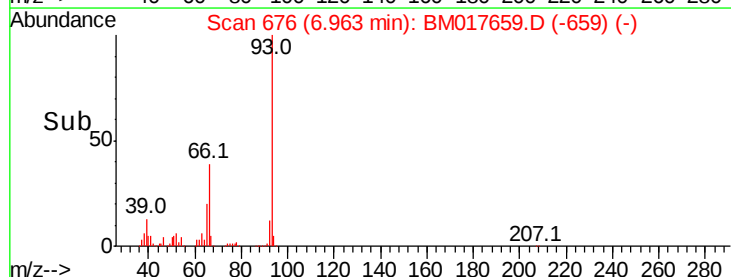
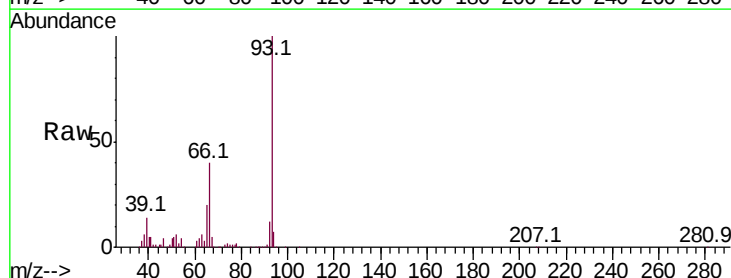
Tgt Ion: 93 Resp: 820713

Ion Ratio Lower Upper

93 100

66 40.4 32.8 49.2

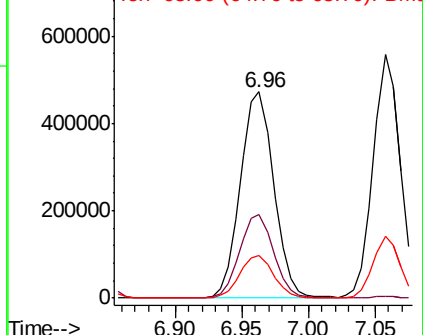
65 20.5 16.6 25.0

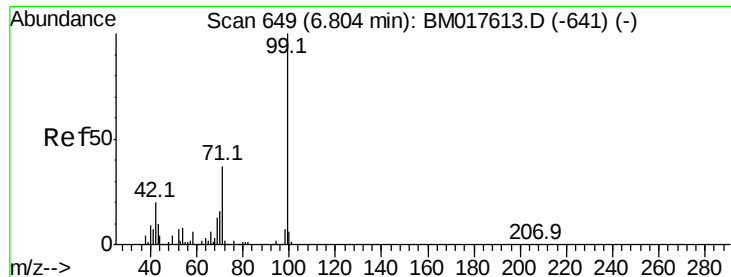


Abundance Ion 93.00 (92.70 to 93.70): BMO

Ion 66.00 (65.70 to 66.70): BMO

Ion 65.00 (64.70 to 65.70): BMO





#7

Phenol-d6

Concen: 159.050 ng

RT: 6.81 min Scan# 650

Delta R.T. 0.01 min

Lab File: BM017659.D

Acq: 14 Nov 2018 22:15

Instrument :

BNA_M

ClientSampleId :

WALL-DMSD

Tot Ion: 99 Resp: 3283351

Ion Ratio Lower Upper

99 100

42 19.9 16.3 24.5

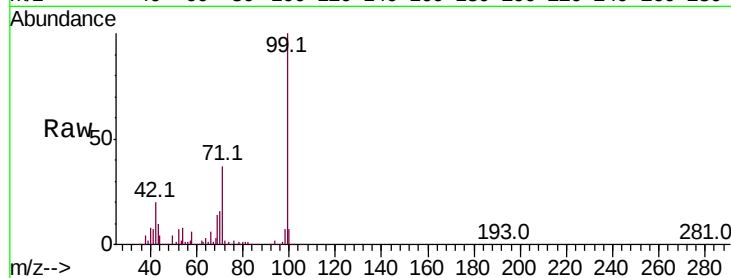
71 36.7 29.8 44.8

Manual Integrations

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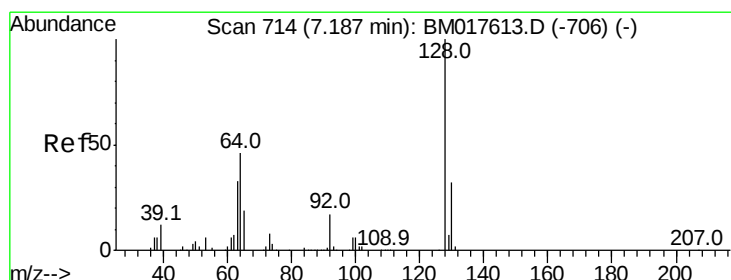
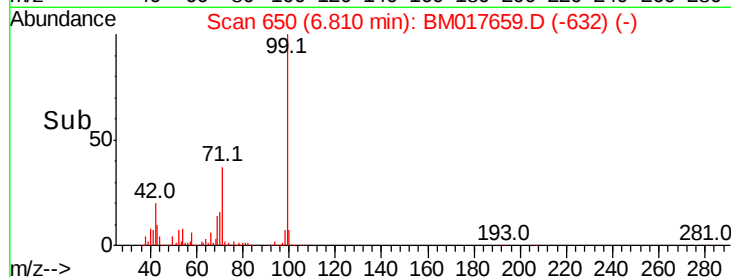
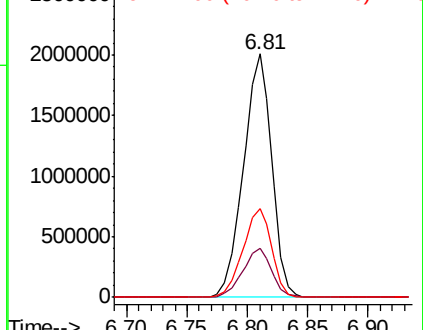
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Abundance Ion 99.00 (98.70 to 99.70): BM017613.D (-641) (-)

Ion 42.00 (41.70 to 42.70): BM017613.D (-641) (-)

Ion 71.00 (70.70 to 71.70): BM017613.D (-641) (-)



#8

2-Chlorophenol

Concen: 50.174 ng

RT: 7.19 min Scan# 714

Delta R.T. 0.00 min

Lab File: BM017659.D

Acq: 14 Nov 2018 22:15

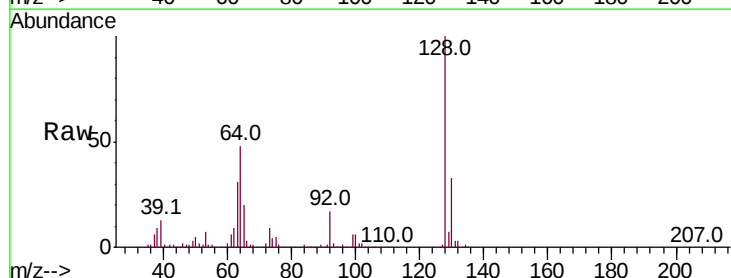
Tgt Ion:128 Resp: 887552

Ion Ratio Lower Upper

128 100

130 32.7 12.4 52.4

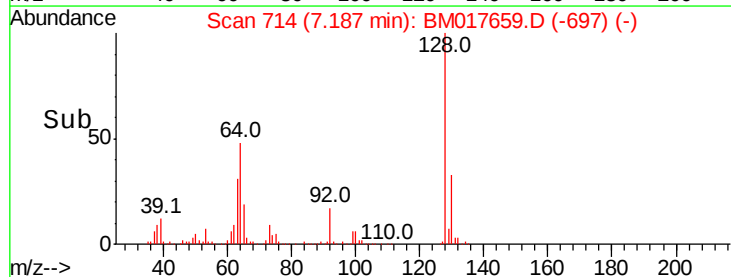
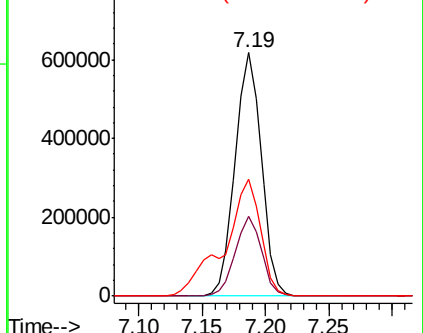
64 48.0 30.0 70.0

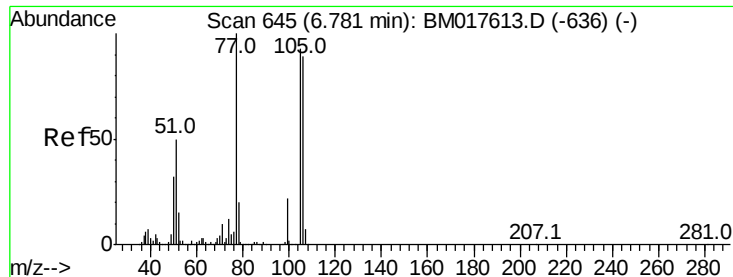


Abundance Ion 128.00 (127.70 to 128.70): BM017613.D (-706) (-)

Ion 130.00 (129.70 to 130.70): BM017613.D (-706) (-)

Ion 64.00 (63.70 to 64.70): BM017613.D (-706) (-)





#9

Benzaldehyde

Concen: 33.944 ng

RT: 6.77 min Scan# 644

Delta R.T. -0.01 min

Lab File: BM017659.D

Acq: 14 Nov 2018 22:15

Instrument :

BNA_M

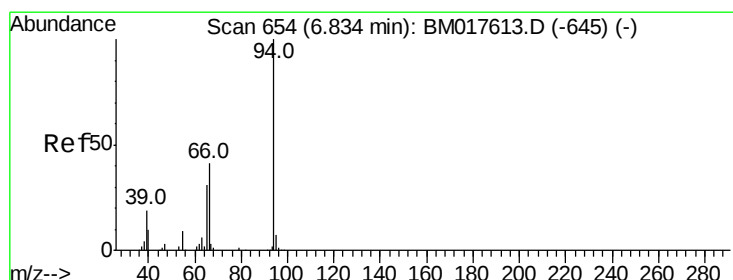
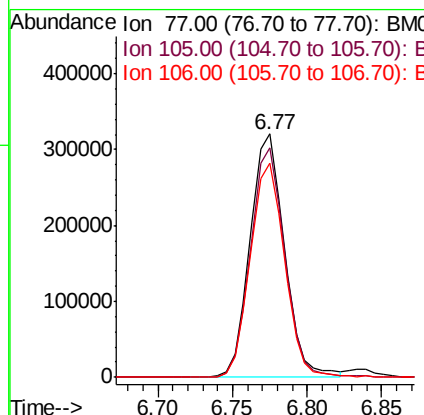
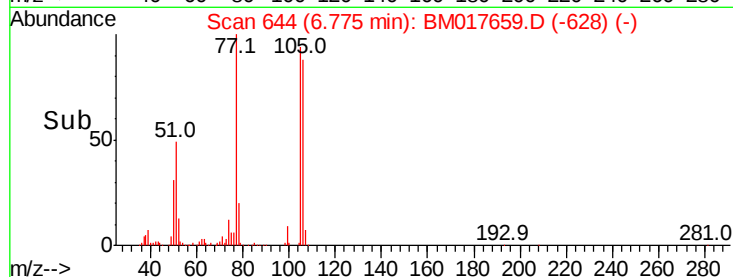
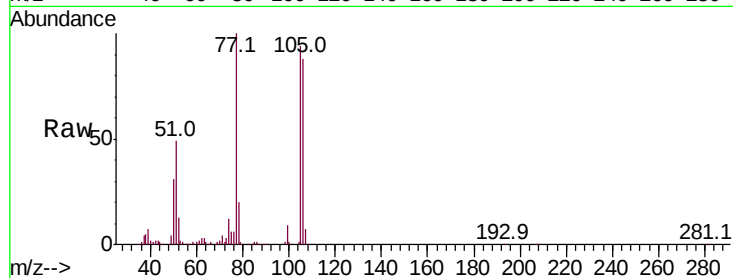
ClientSampleId :

WALL-DMSD

Tot Ion:	77	Resp:	510453
Ion	Ratio	Lower	Upper
77	100		
105	94.4	72.7	112.7
106	87.8	68.9	108.9

Manual Integrations
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#10

Phenol

Concen: 58.513 ng

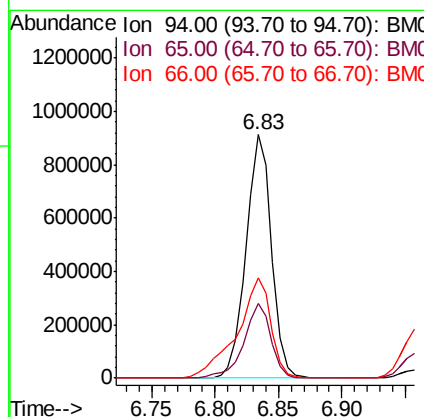
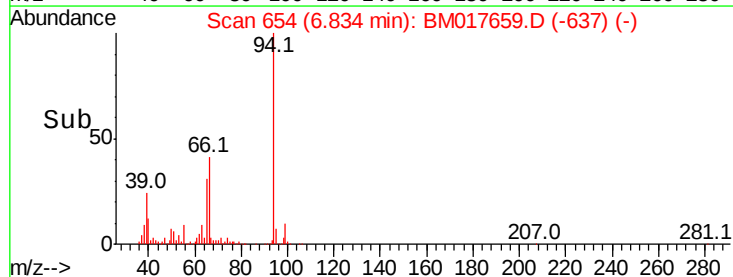
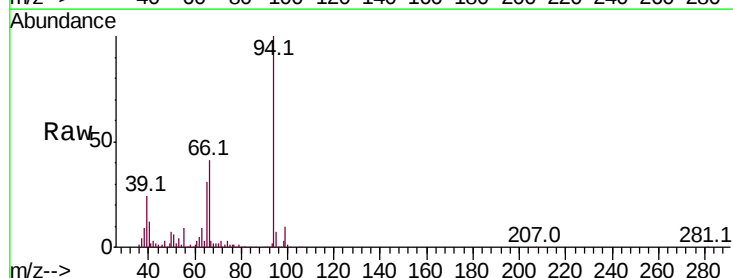
RT: 6.83 min Scan# 654

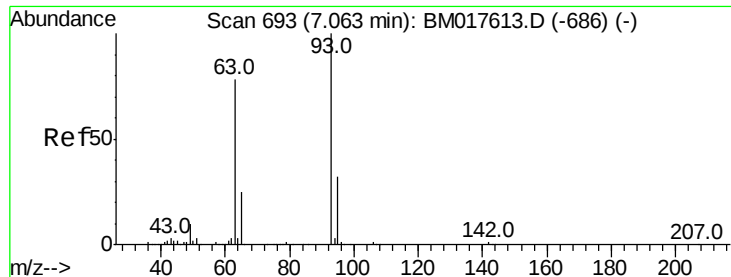
Delta R.T. 0.00 min

Lab File: BM017659.D

Acq: 14 Nov 2018 22:15

Tgt Ion:	94	Resp:	1267869
Ion	Ratio	Lower	Upper
94	100		
65	30.5	11.4	51.4
66	41.4	21.4	61.4





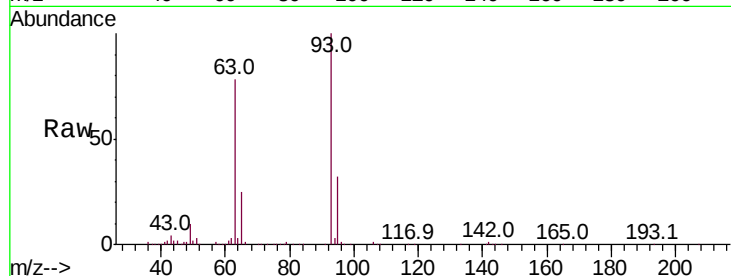
#11
bis(2-Chloroethyl)ether
Concen: 45.224 ng
RT: 7.06 min Scan# 692
Delta R.T. -0.01 min
Lab File: BM017659.D
Acq: 14 Nov 2018 22:15

Instrument :
BNA_M
ClientSampleId :
WALL-DMSD

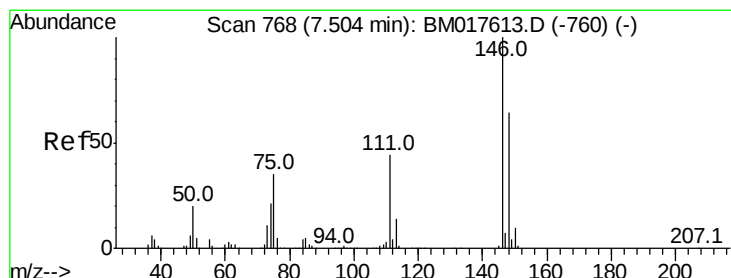
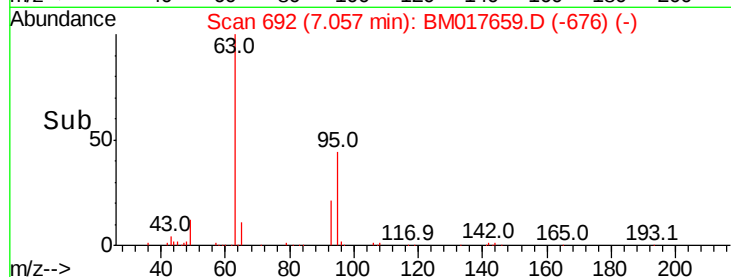
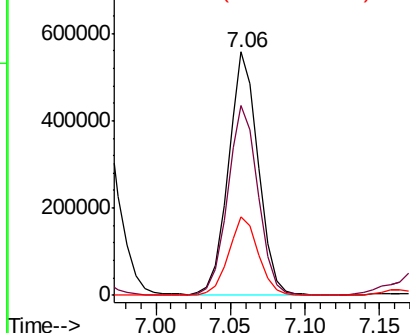
Tot Ion	Ratio	Lower	Upper
93	100		
63	78.2	57.9	97.9
95	32.2	12.3	52.3

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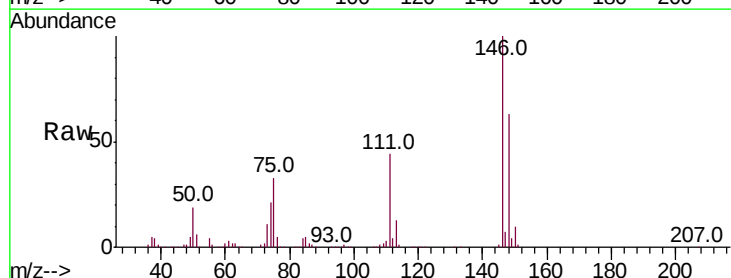


Abundance Ion 93.00 (92.70 to 93.70): BM017613.D (-686) (-)
Ion 63.00 (62.70 to 63.70): BM017613.D (-686) (-)
Ion 95.00 (94.70 to 95.70): BM017613.D (-686) (-)

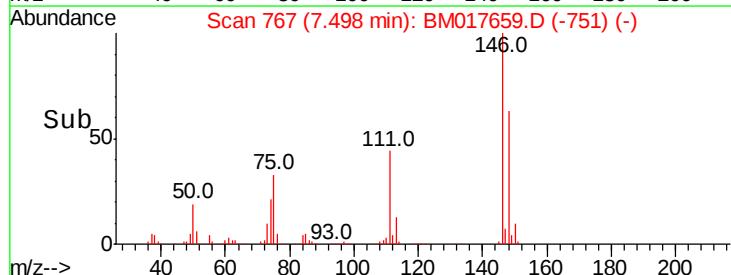
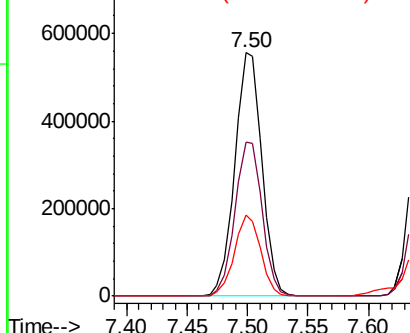


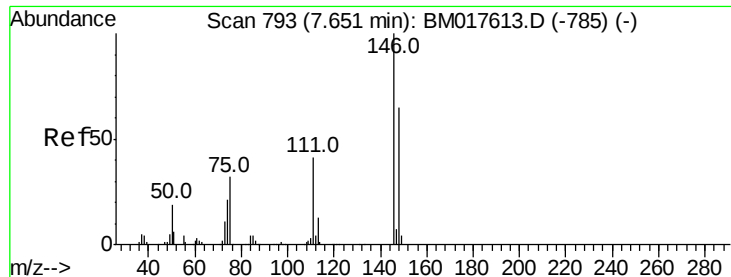
#12
1,3-Dichlorobenzene
Concen: 43.833 ng
RT: 7.50 min Scan# 767
Delta R.T. -0.01 min
Lab File: BM017659.D
Acq: 14 Nov 2018 22:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.2	76.8
75	33.2	28.2	42.2



Abundance Ion 146.00 (145.70 to 146.70): BM017613.D (-760) (-)
Ion 148.00 (147.70 to 148.70): BM017613.D (-760) (-)
Ion 75.00 (74.70 to 75.70): BM017613.D (-760) (-)





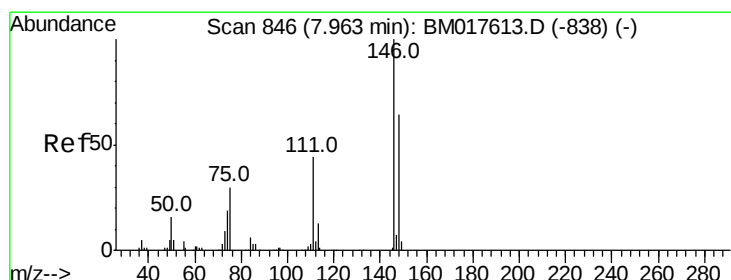
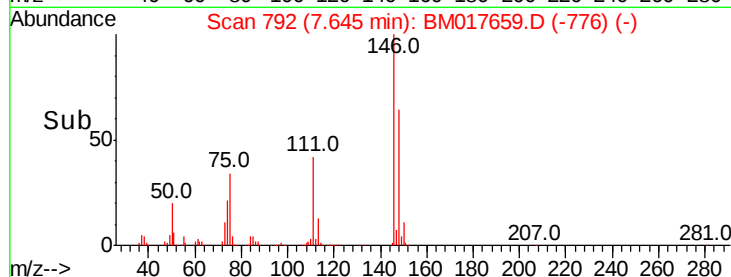
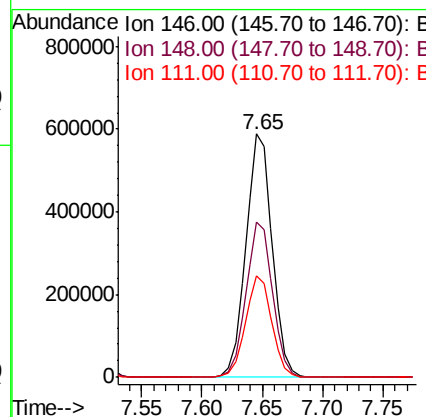
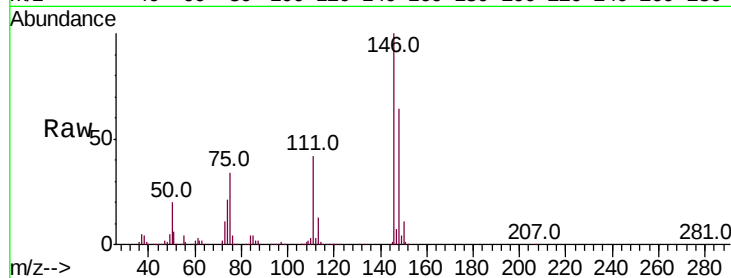
#13
 1,4-Dichlorobenzene
 Concen: 43.932 ng
 RT: 7.65 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BM017659.D
 Acq: 14 Nov 2018 22:15

Instrument :
 BNA_M
 ClientSampleId :
 WALL-DMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.0	78.0
111	41.8	33.2	49.8

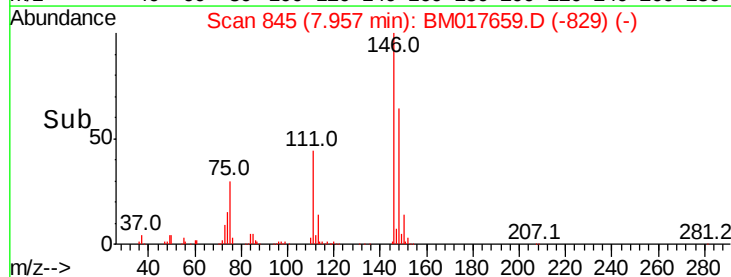
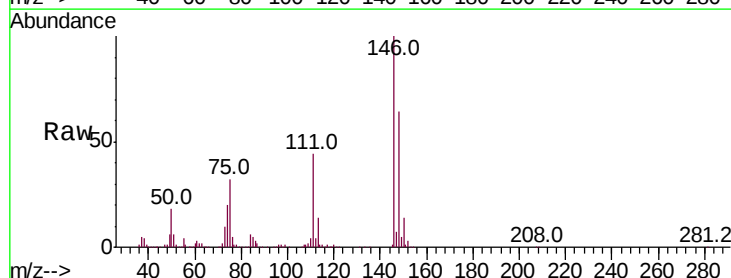
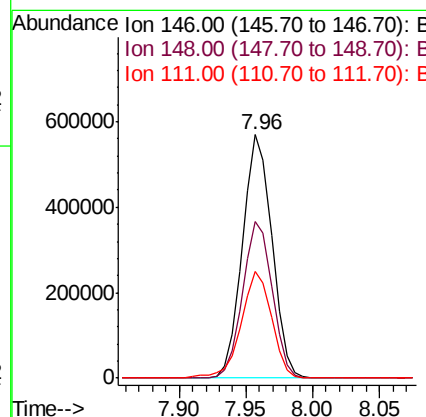
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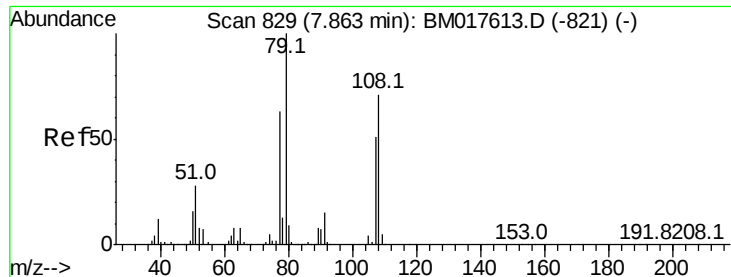
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#14
 1,2-Dichlorobenzene
 Concen: 44.087 ng
 RT: 7.96 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BM017659.D
 Acq: 14 Nov 2018 22:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.6	77.4
111	43.6	35.8	53.8





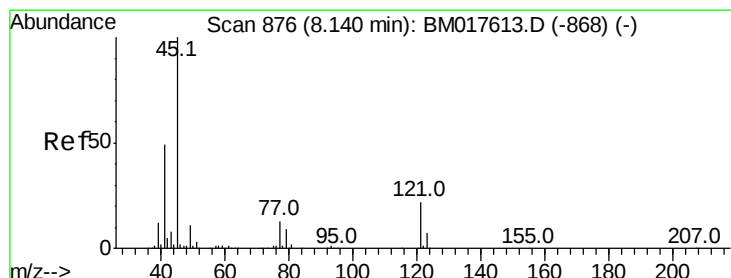
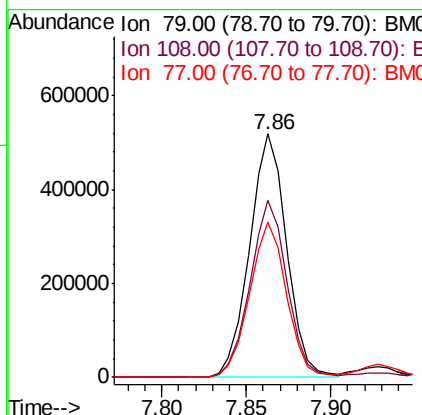
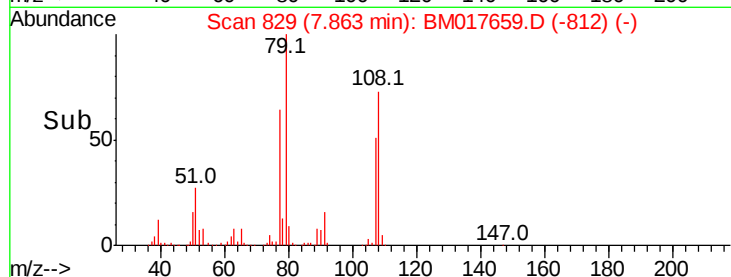
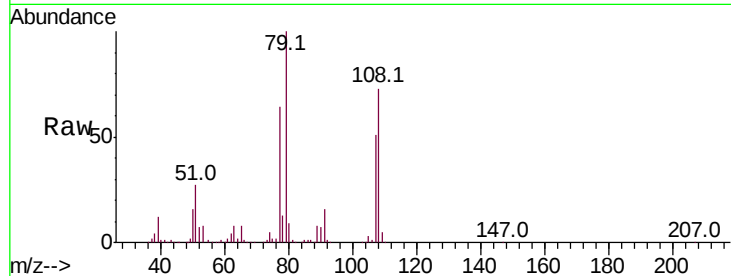
#15
Benzyl Alcohol
Concen: 48.212 ng
RT: 7.86 min Scan# 829
Delta R.T. -0.00 min
Lab File: BM017659.D
Acq: 14 Nov 2018 22:15

Instrument :
BNA_M
ClientSampleId :
WALL-DMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.7	57.1	85.7
77	63.7	50.4	75.6

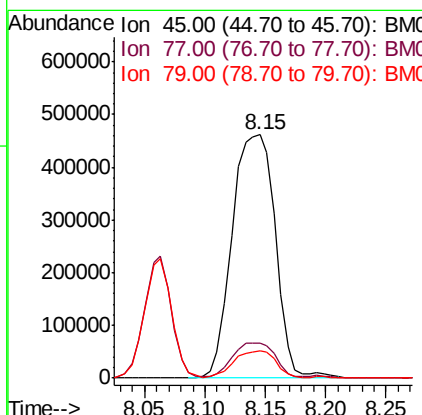
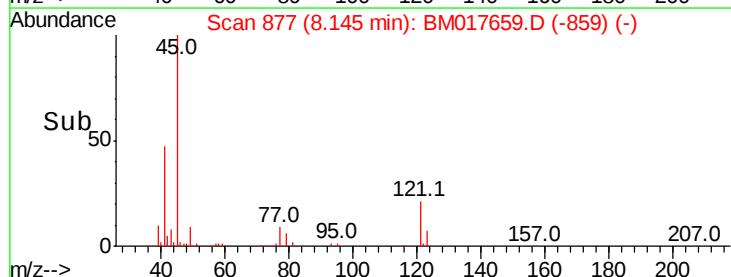
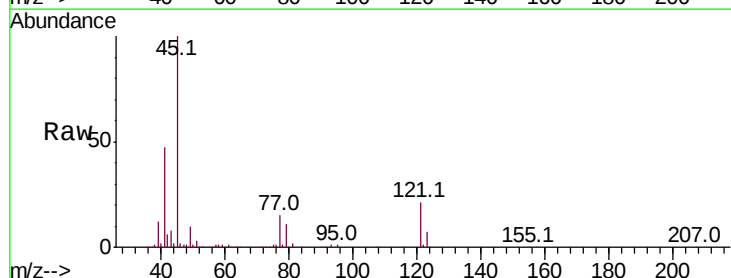
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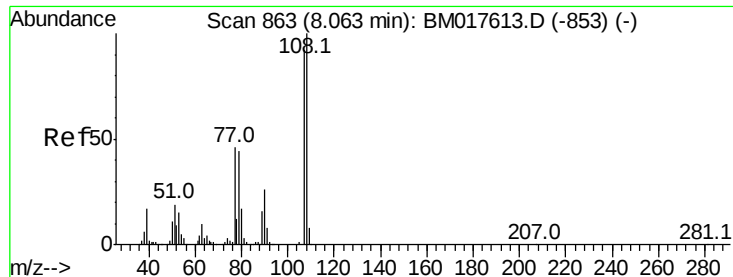
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.011 ng
RT: 8.15 min Scan# 877
Delta R.T. 0.01 min
Lab File: BM017659.D
Acq: 14 Nov 2018 22:15

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.6	0.0	34.2
79	11.2	0.0	30.5





#17

2-Methylphenol

Concen: 50.101 ng

RT: 8.06 min Scan# 863

Delta R.T. 0.00 min

Lab File: BM017659.D

Acq: 14 Nov 2018 22:15

Instrument :

BNA_M

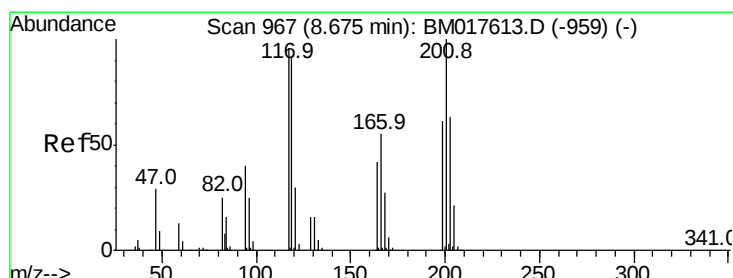
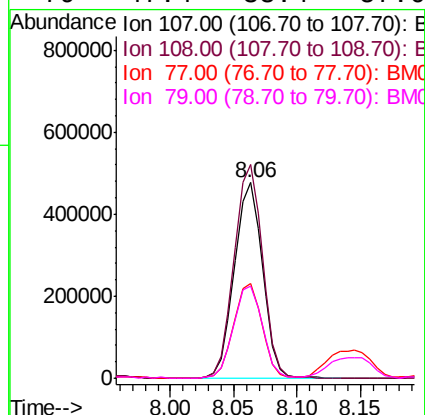
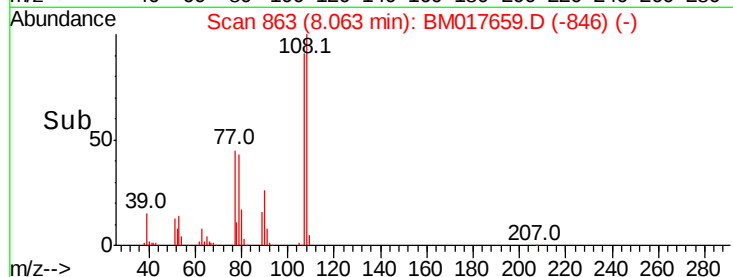
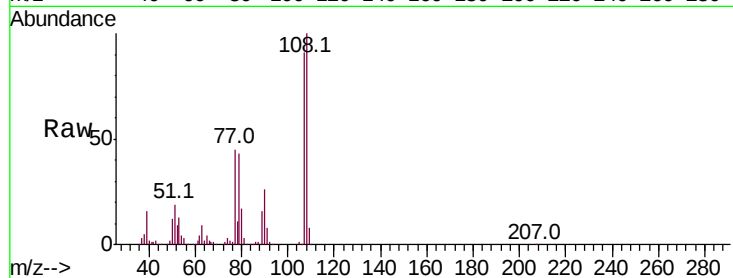
ClientSampleId :

WALL-DMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	731313		
108	108	109.3	86.7	130.1	
77	77	48.8	39.8	59.6	
79	79	47.4	38.4	57.6	

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#18

Hexachloroethane

Concen: 44.512 ng

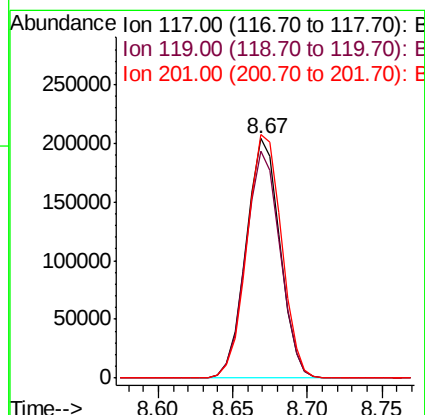
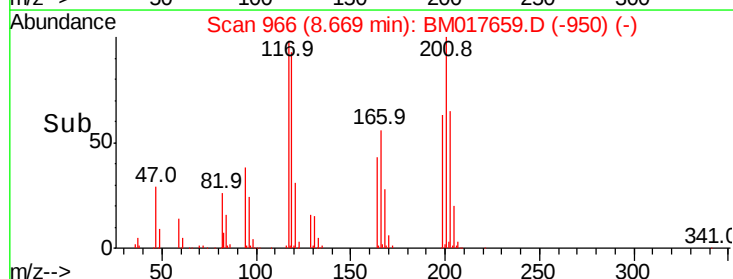
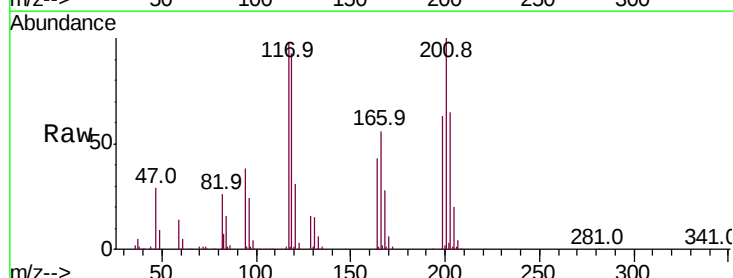
RT: 8.67 min Scan# 966

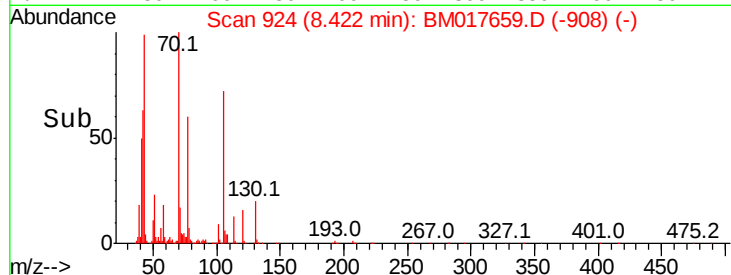
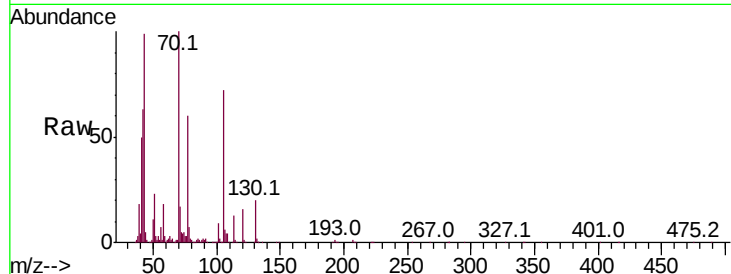
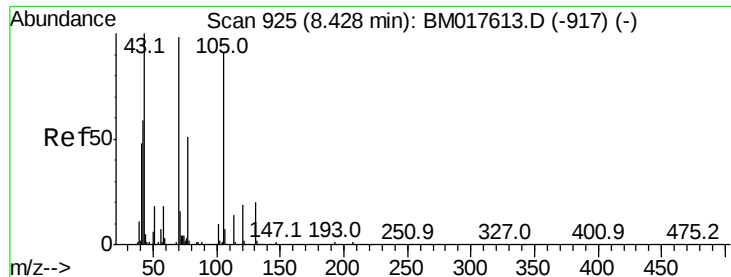
Delta R.T. -0.01 min

Lab File: BM017659.D

Acq: 14 Nov 2018 22:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100	319133		
119	119	94.7	75.8	113.8	
201	201	101.6	83.0	124.4	





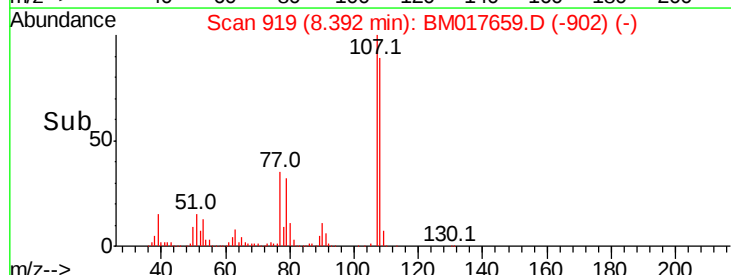
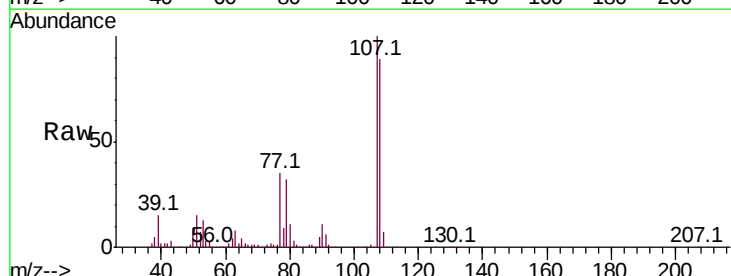
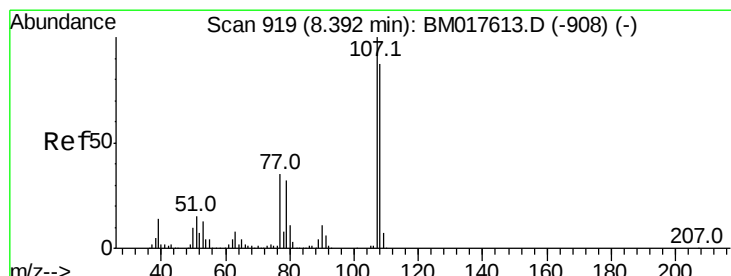
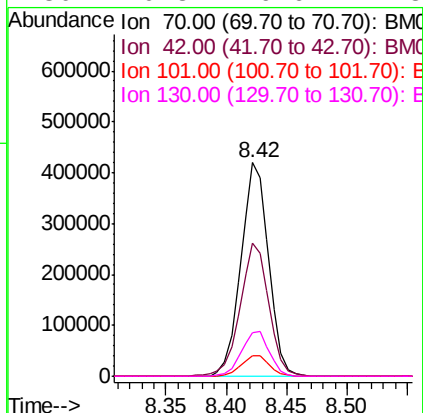
#19
n-Nitroso-di-n-propylamine
Concen: 45.143 ng
RT: 8.42 min Scan# 924
Delta R.T. -0.01 min
Lab File: BM017659.D
Acq: 14 Nov 2018 22:15

Instrument :
BNA_M
ClientSampleId :
WALL-DMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.6	48.6	73.0
101	9.5	7.9	11.9
130	20.3	16.6	24.8

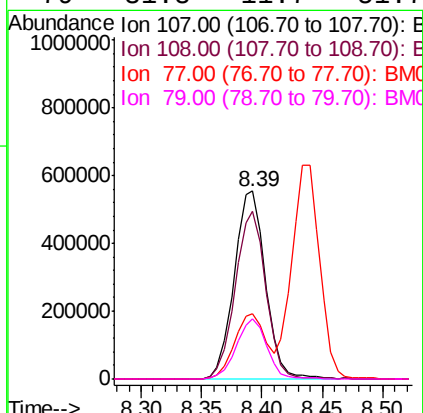
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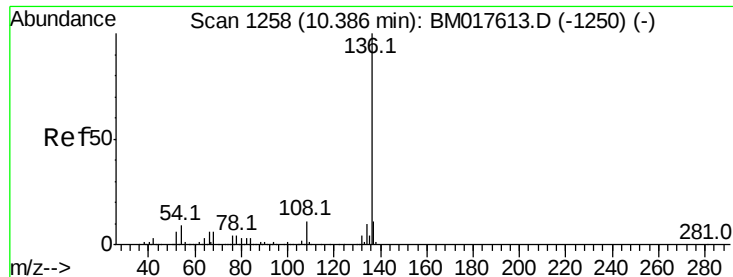
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#20
3+4-Methylphenols
Concen: 49.427 ng
RT: 8.39 min Scan# 919
Delta R.T. 0.00 min
Lab File: BM017659.D
Acq: 14 Nov 2018 22:15

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.3	67.0	107.0
77	35.0	15.6	55.6
79	31.8	11.7	51.7





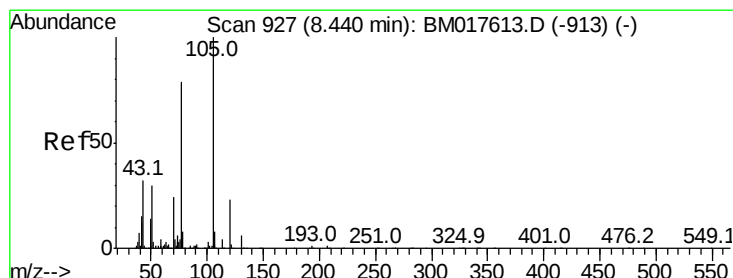
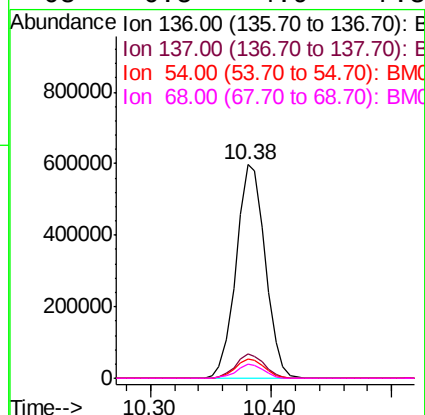
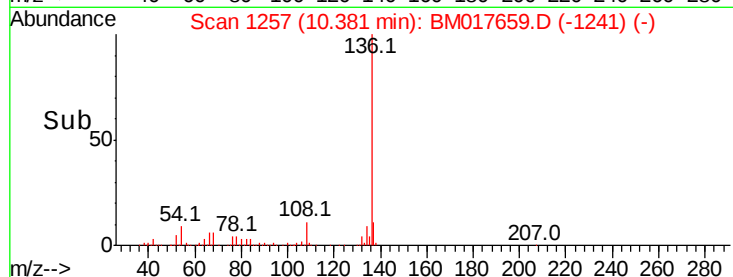
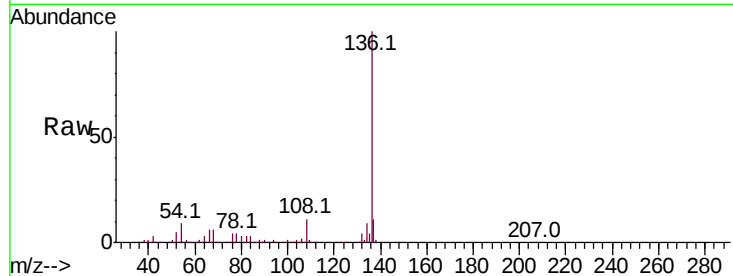
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.38 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BM017659.D
Acq: 14 Nov 2018 22:15

Instrument :
BNA_M
ClientSampleId :
WALL-DMSD

Tot Ion	136	Resp	1006295
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	12.8
54	9.0	7.0	10.6
68	6.5	4.9	7.3

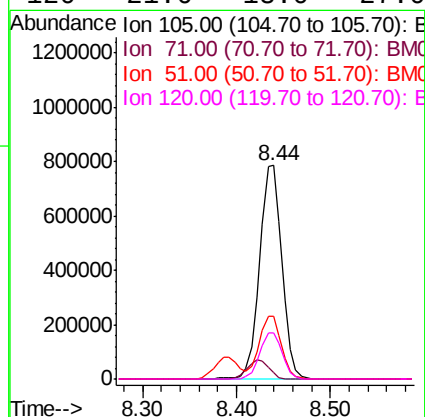
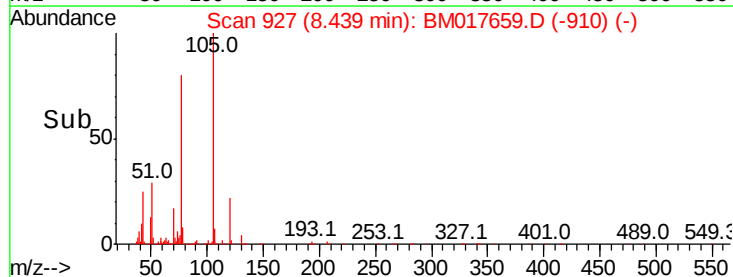
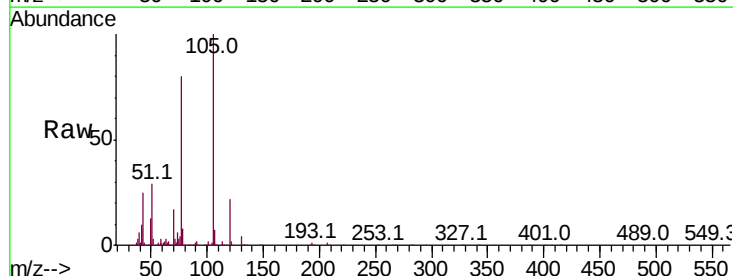
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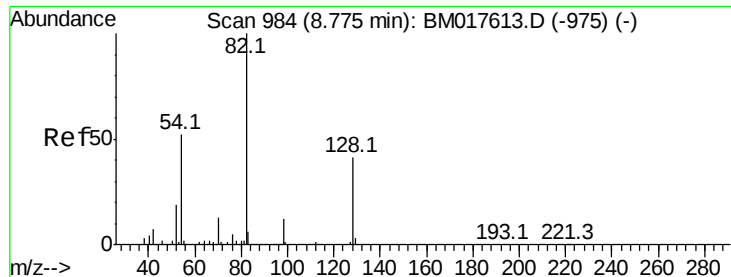
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#22
Acetophenone
Concen: 51.422 ng
RT: 8.44 min Scan# 927
Delta R.T. -0.00 min
Lab File: BM017659.D
Acq: 14 Nov 2018 22:15

Tgt Ion	105	Resp	1291478
Ion	Ratio	Lower	Upper
105	100		
71	2.7	3.1	4.7#
51	29.2	23.8	35.8
120	21.6	18.0	27.0





#23

Nitrobenzene-d5

Concen: 105.538 ng

RT: 8.77 min Scan# 983

Delta R.T. -0.01 min

Lab File: BM017659.D

Acq: 14 Nov 2018 22:15

Instrument :

BNA_M

ClientSampleId :

WALL-DMSD

Tot Ion: 82 Resp: 2057169

Ion Ratio Lower Upper

82 100

128 41.1 33.0 49.4

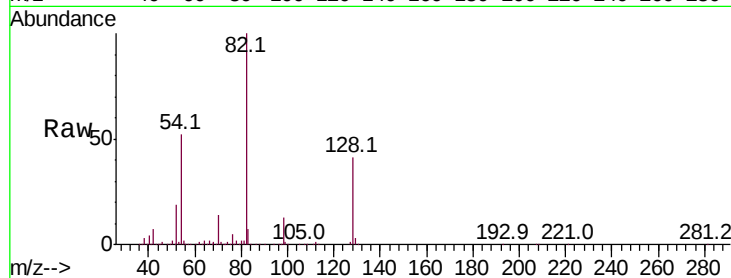
54 52.3 41.4 62.2

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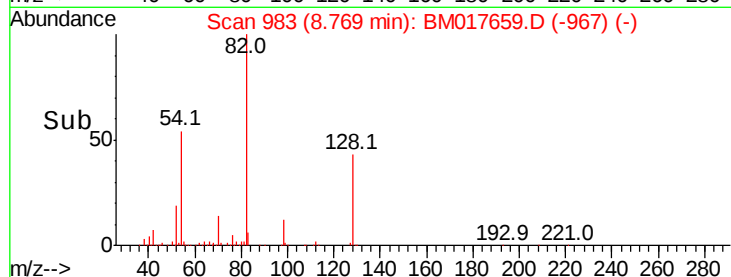


Abundance Ion 82.00 (81.70 to 82.70): BM017613.D (-975) (-)

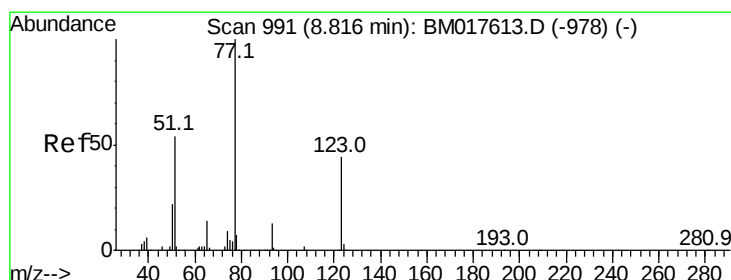
Ion 128.00 (127.70 to 128.70): BM017613.D (-975) (-)

Ion 54.00 (53.70 to 54.70): BM017613.D (-975) (-)

Time-->



Time-->



#24

Nitrobenzene

Concen: 49.872 ng

RT: 8.81 min Scan# 990

Delta R.T. -0.01 min

Lab File: BM017659.D

Acq: 14 Nov 2018 22:15

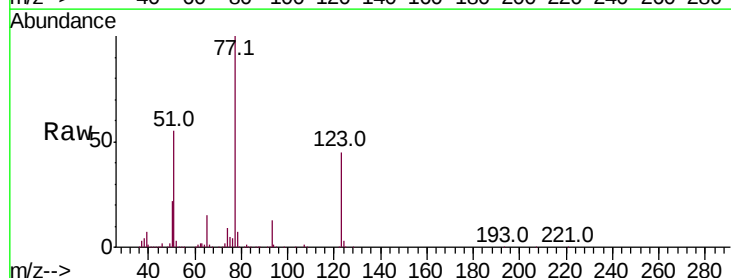
Tgt Ion: 77 Resp: 986302

Ion Ratio Lower Upper

77 100

123 45.0 35.1 52.7

65 14.7 11.0 16.6

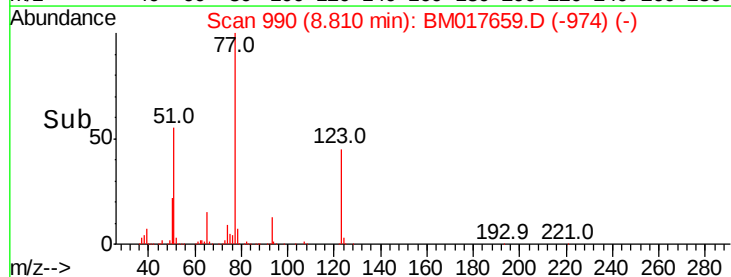


Abundance Ion 77.00 (76.70 to 77.70): BM017613.D (-978) (-)

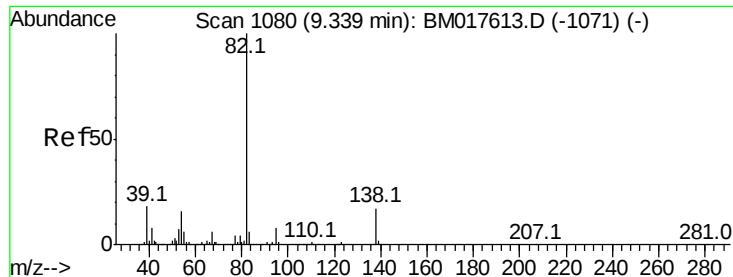
Ion 123.00 (122.70 to 123.70): BM017613.D (-978) (-)

Ion 65.00 (64.70 to 65.70): BM017613.D (-978) (-)

Time-->



Time-->



#25

Isophorone

Concen: 58.606 ng

RT: 9.33 min Scan# 1079

Delta R.T. -0.01 min

Lab File: BM017659.D

Acq: 14 Nov 2018 22:15

Instrument :

BNA_M

ClientSampled :

WALL-DMSD

Tot Ion: 82 Resp: 1764423

Ion Ratio Lower Upper

82 100

95 7.7 6.1 9.1

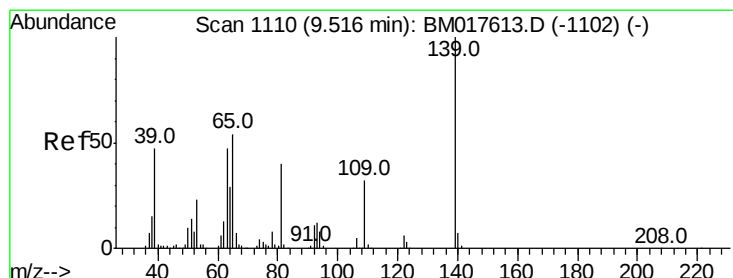
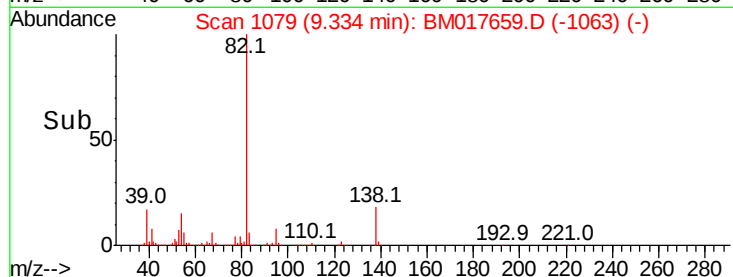
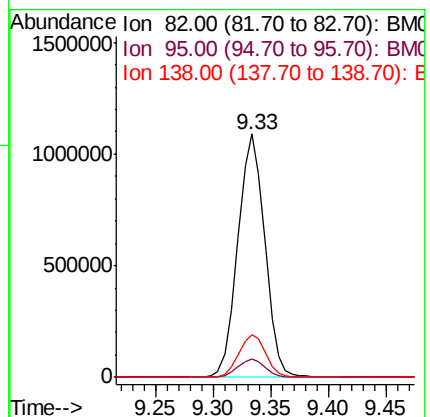
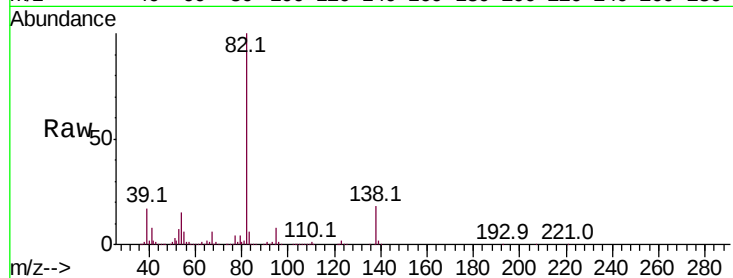
138 17.8 13.9 20.9

Manual Integrations

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#26

2-Nitrophenol

Concen: 52.473 ng

RT: 9.51 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BM017659.D

Acq: 14 Nov 2018 22:15

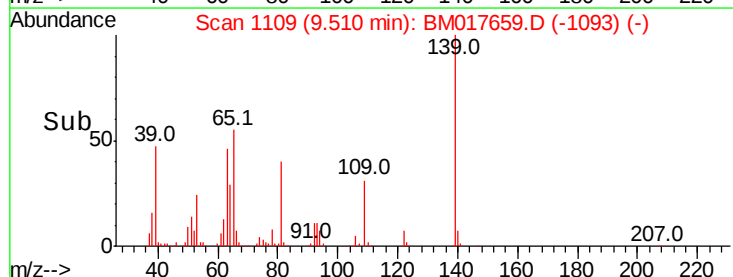
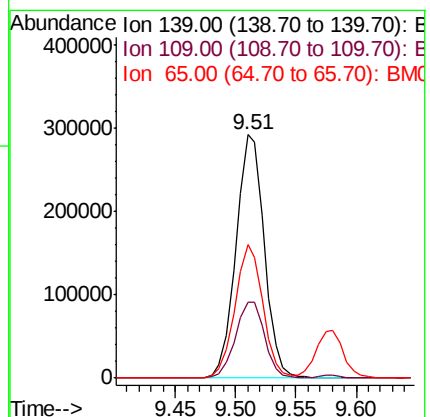
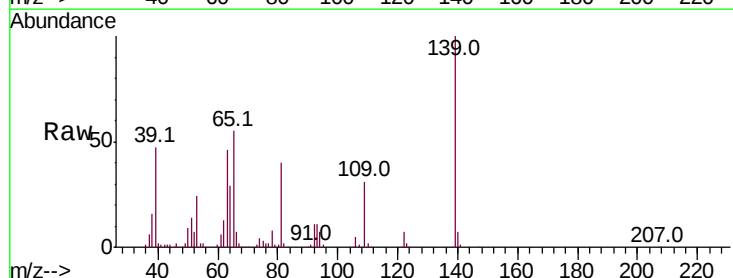
Tgt Ion: 139 Resp: 478005

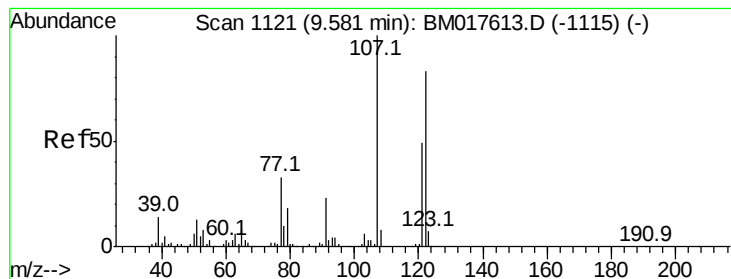
Ion Ratio Lower Upper

139 100

109 31.4 25.9 38.9

65 55.0 43.0 64.4





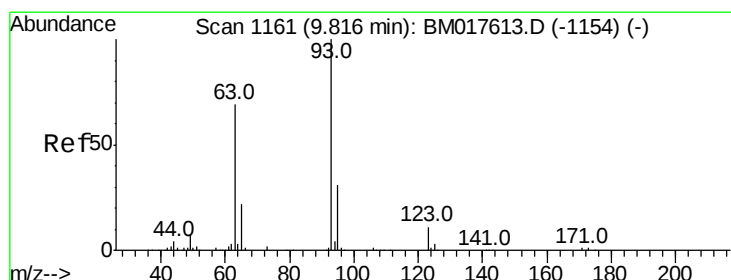
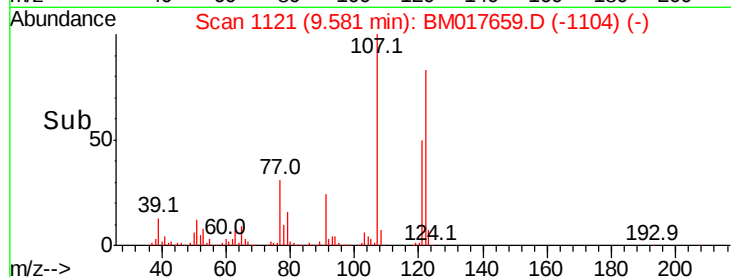
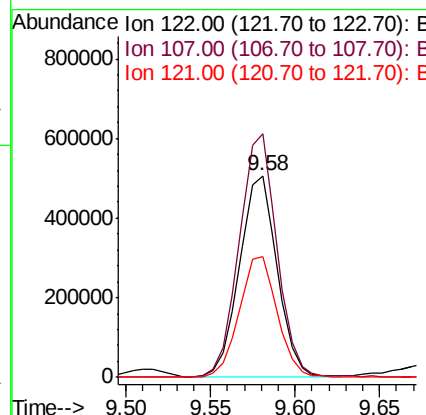
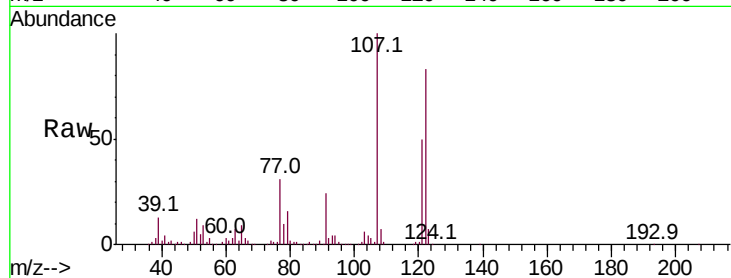
#27
 2,4-Dimethylphenol
 Concen: 59.674 ng
 RT: 9.58 min Scan# 1121
 Delta R.T. 0.00 min
 Lab File: BM017659.D
 Acq: 14 Nov 2018 22:15

Instrument :
 BNA_M
 ClientSampleId :
 WALL-DMSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	783433		
107	120.7	95.8	143.8	
121	60.1	47.2	70.8	

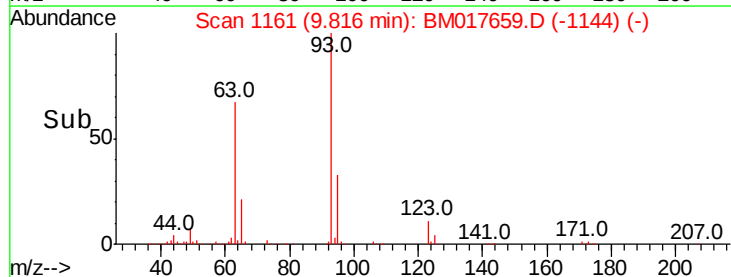
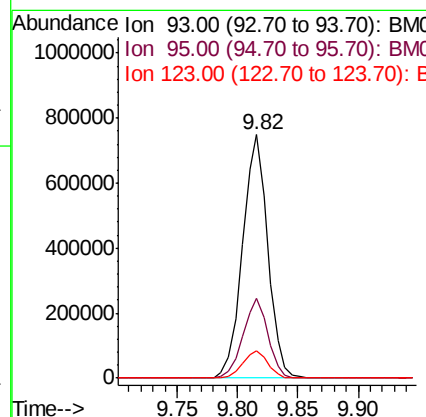
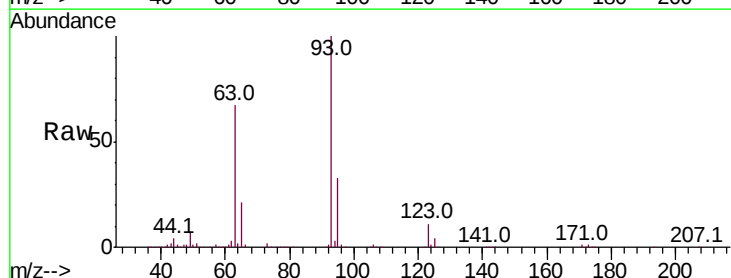
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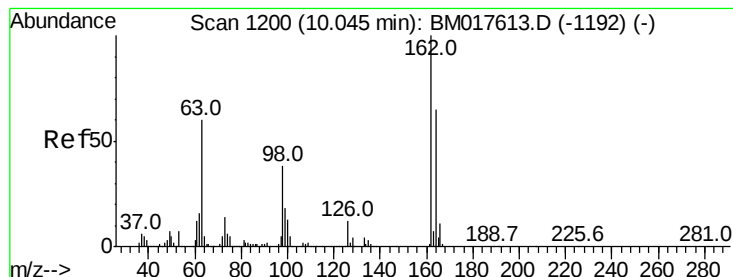
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 53.489 ng
 RT: 9.82 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BM017659.D
 Acq: 14 Nov 2018 22:15

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	1090670		
95	32.7	24.9	37.3	
123	11.4	8.7	13.1	





#29

2,4-Dichlorophenol

Concen: 56.019 ng

RT: 10.04 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BM017659.D

Acq: 14 Nov 2018 22:15

Instrument :

BNA_M

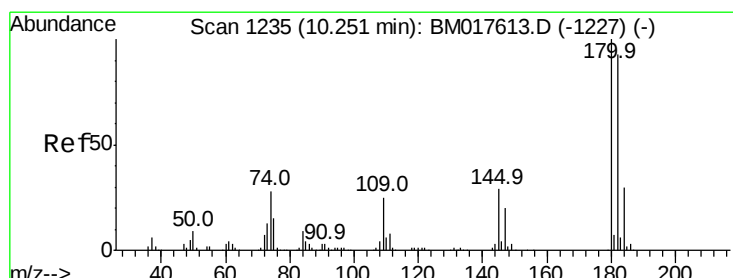
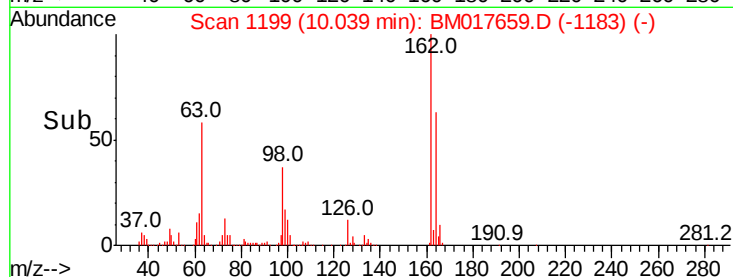
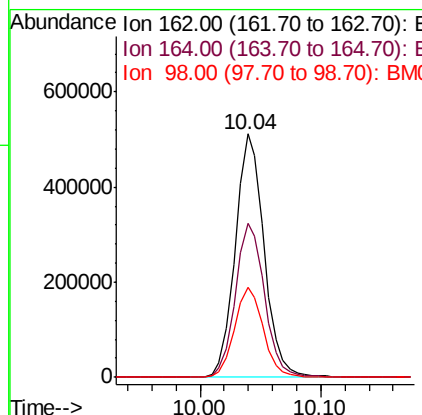
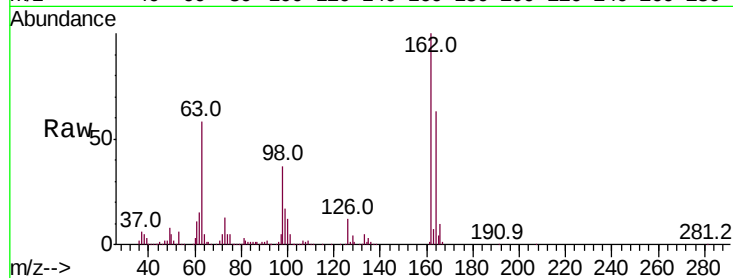
ClientSampleId :

WALL-DMSD

Tot Ion:	162	Resp:	853725
Ion Ratio	Lower	Upper	
162	100		
164	63.4	45.0	85.0
98	37.1	17.5	57.5

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#30

1,2,4-Trichlorobenzene

Concen: 49.317 ng

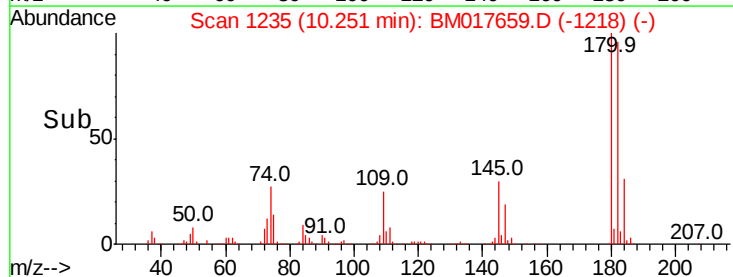
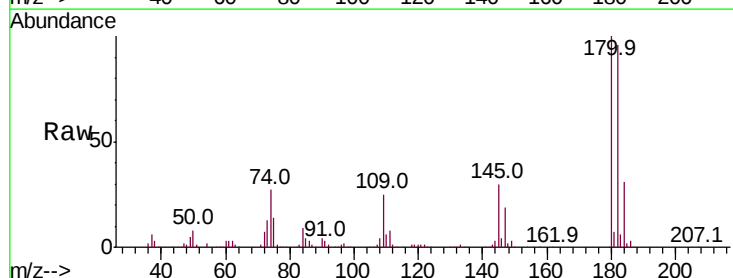
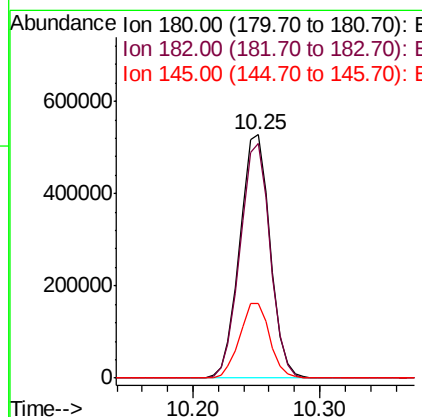
RT: 10.25 min Scan# 1235

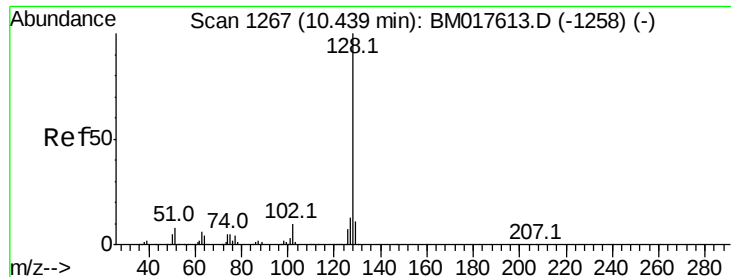
Delta R.T. 0.00 min

Lab File: BM017659.D

Acq: 14 Nov 2018 22:15

Tgt Ion:	180	Resp:	874153
Ion Ratio	Lower	Upper	
180	100		
182	96.4	74.4	111.6
145	30.5	23.5	35.3





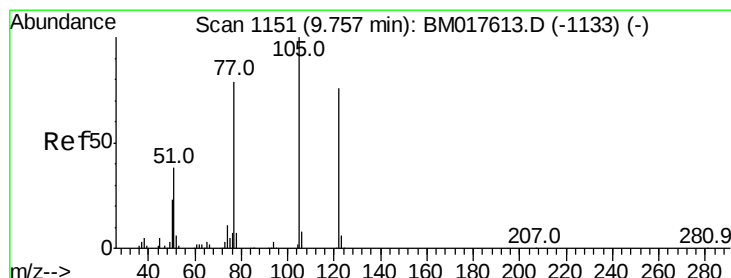
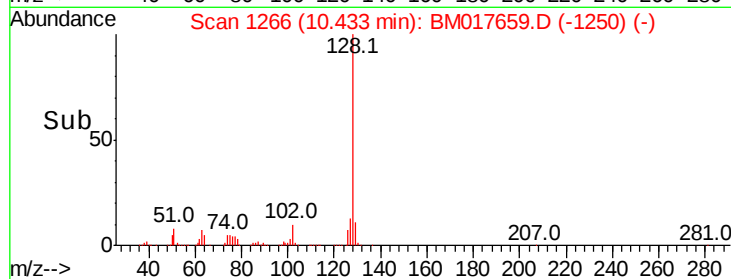
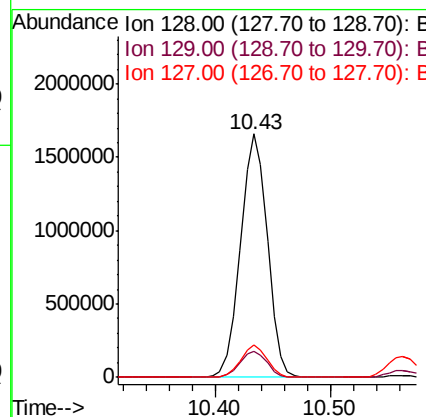
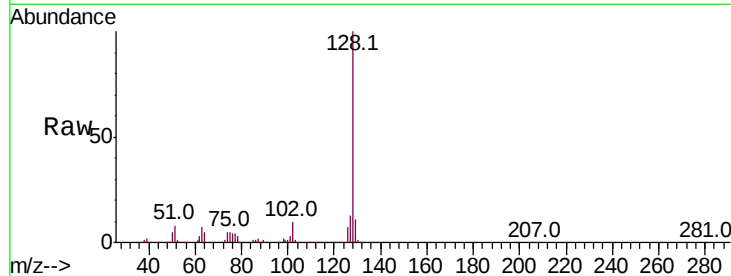
#31
Naphthalene
Concen: 53.929 ng
RT: 10.43 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BM017659.D
Acq: 14 Nov 2018 22:15

Instrument :
BNA_M
ClientSampleId :
WALL-DMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	12.8
127	13.2	10.3	15.5

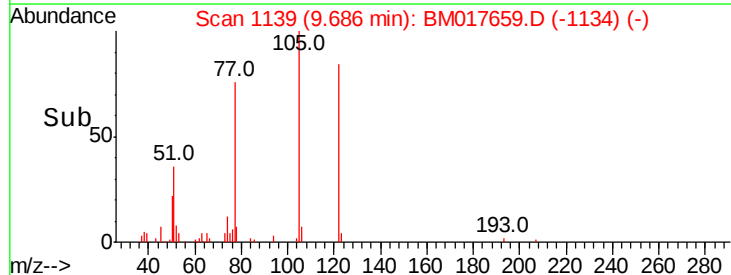
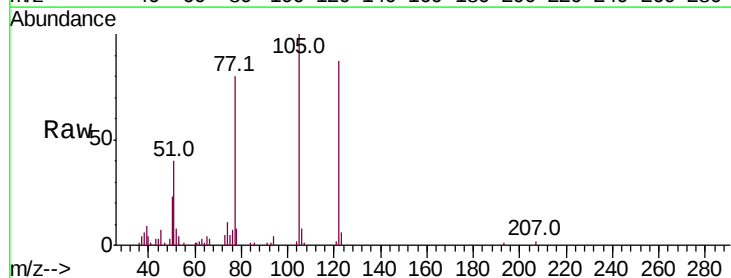
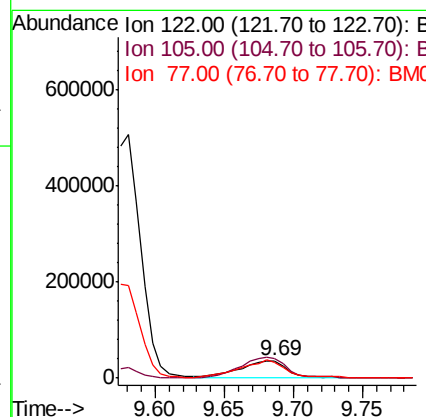
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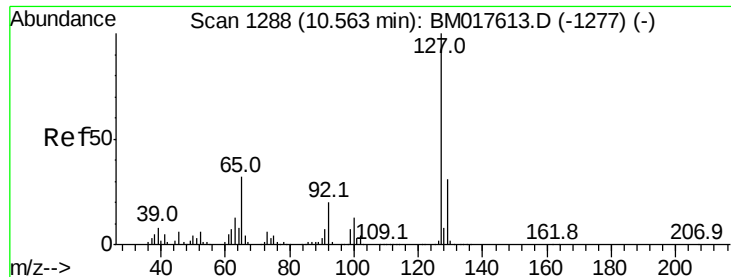
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#32
Benzoic acid
Concen: 7.099 ng m
RT: 9.69 min Scan# 1139
Delta R.T. -0.07 min
Lab File: BM017659.D
Acq: 14 Nov 2018 22:15

Tgt Ion	Ratio	Lower	Upper
122	100		
105	114.4	109.1	149.1
77	91.7	82.1	122.1





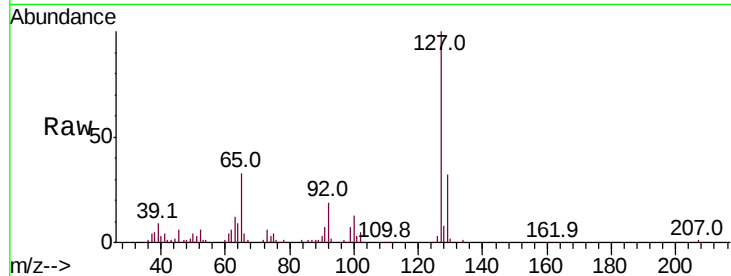
#33
4-Chloroaniline
Concen: 12.662 ng
RT: 10.56 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BM017659.D
Acq: 14 Nov 2018 22:15

Instrument :
BNA_M
ClientSampleId :
WALL-DMSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.8	25.0	37.4	
65	33.1	25.8	38.8	
92	19.4	15.8	23.6	

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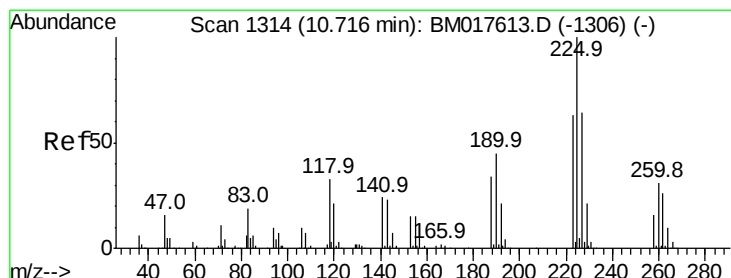
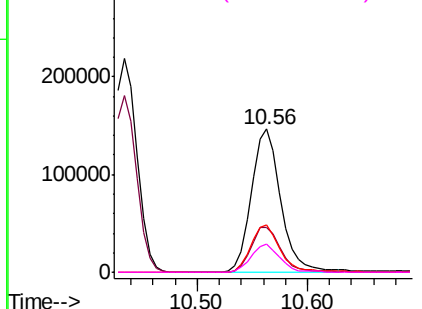
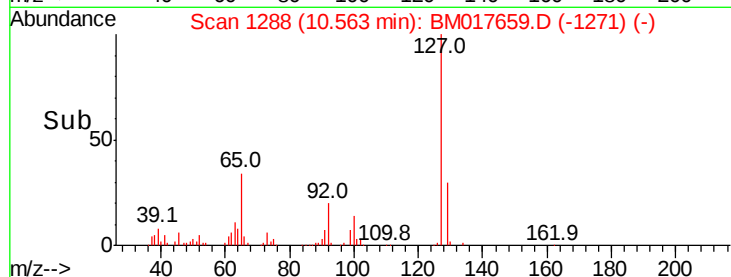
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

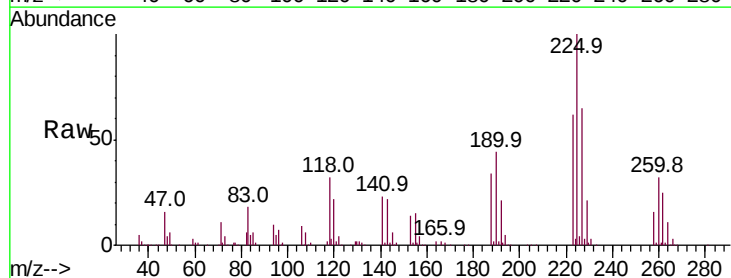
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 46.069 ng
RT: 10.71 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BM017659.D
Acq: 14 Nov 2018 22:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.7	50.7	76.1	
227	65.4	51.0	76.4	

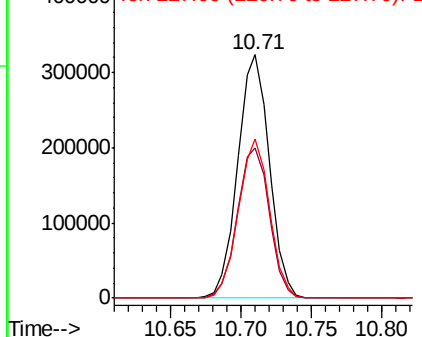
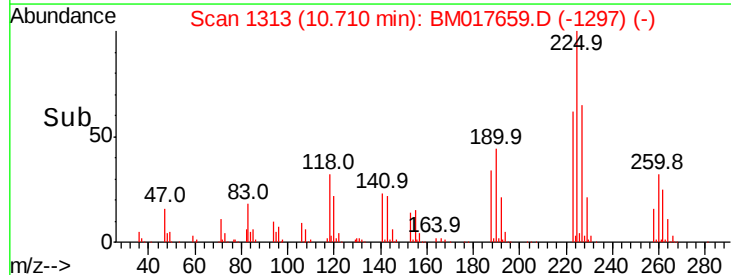


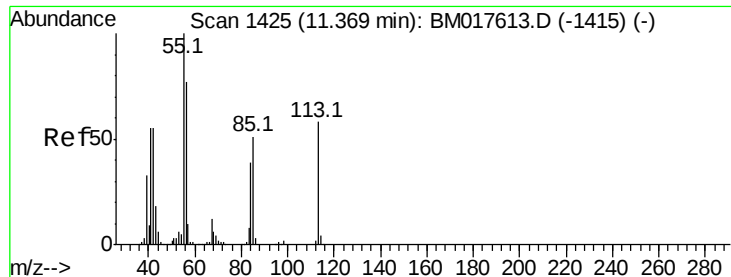
Abundance

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: 46.703 ng/ml

RT: 11.37 min Scan# 1425

Delta R.T. 0.00 min

Lab File: BM017659.D

Acq: 14 Nov 2018 22:15

Instrument :

BNA_M

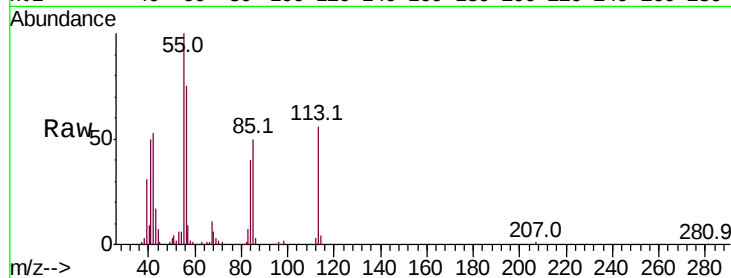
ClientSampleId :

WALL-DMSD

Tot Ion:	113	Resp:	262115
Ion Ratio	Lower	Upper	
113	100		
55	178.9	153.1	193.1
56	134.9	112.7	152.7

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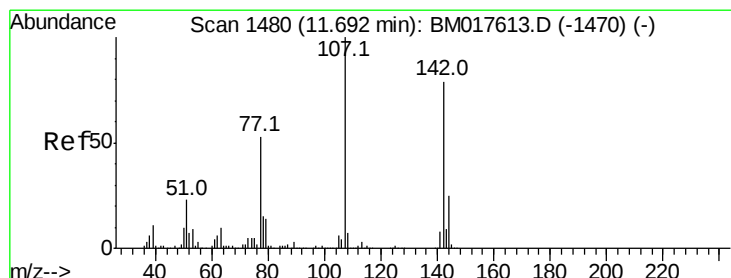
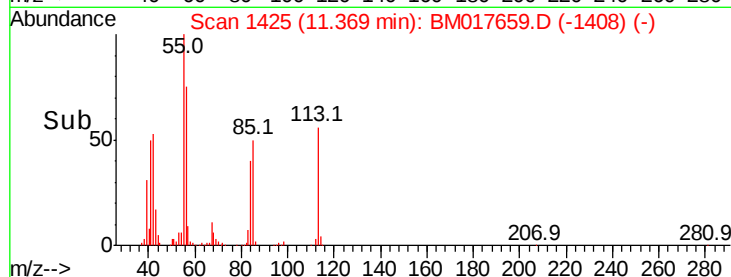
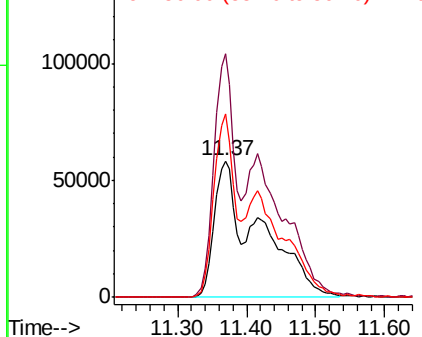
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 53.242 ng/ml

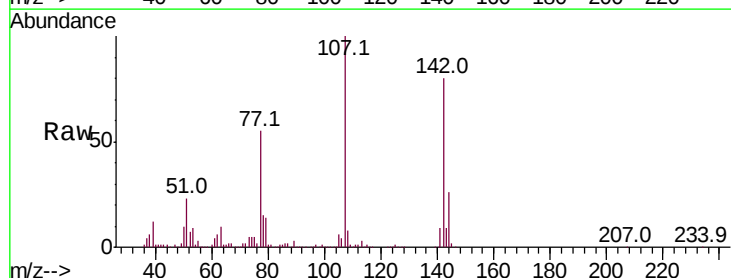
RT: 11.69 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BM017659.D

Acq: 14 Nov 2018 22:15

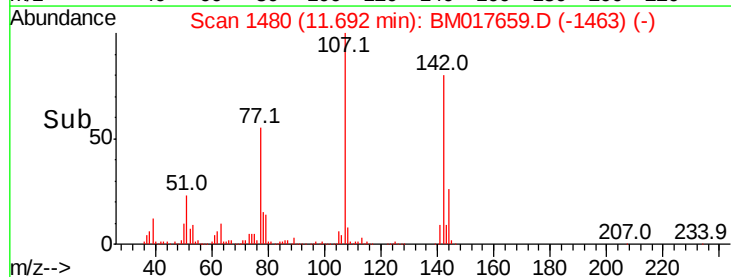
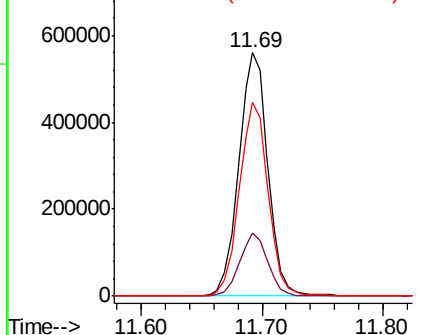
Tgt Ion:	107	Resp:	936812
Ion Ratio	Lower	Upper	
107	100		
144	26.0	19.9	29.9
142	79.5	63.0	94.4

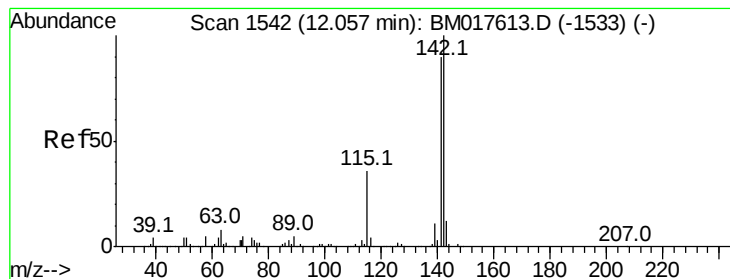


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





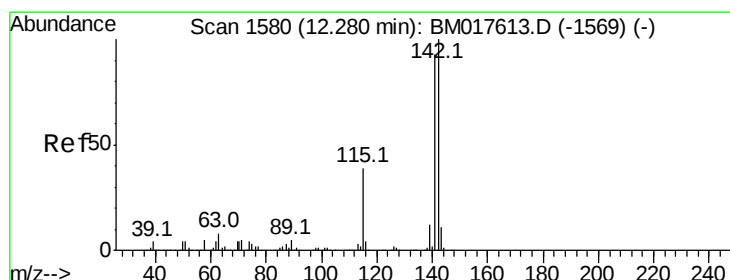
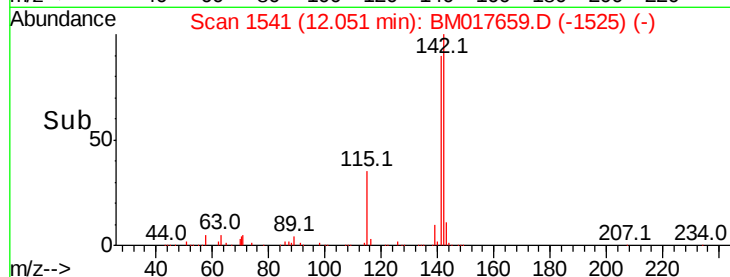
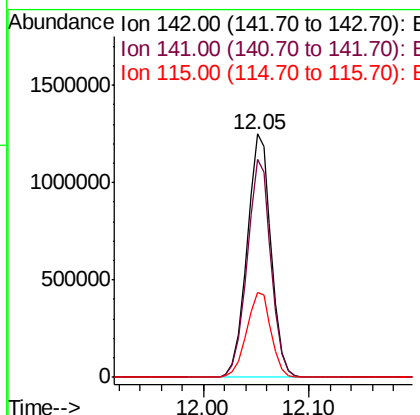
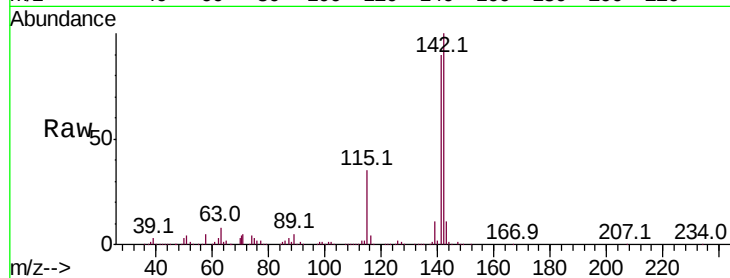
#37
2-Methylnaphthalene
Concen: 56.293 ng
RT: 12.05 min Scan# 1541
Delta R.T. -0.01 min
Lab File: BM017659.D
Acq: 14 Nov 2018 22:15

Instrument :
BNA_M
ClientSampleId :
WALL-DMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.2	108.4
115	35.0	28.5	42.7

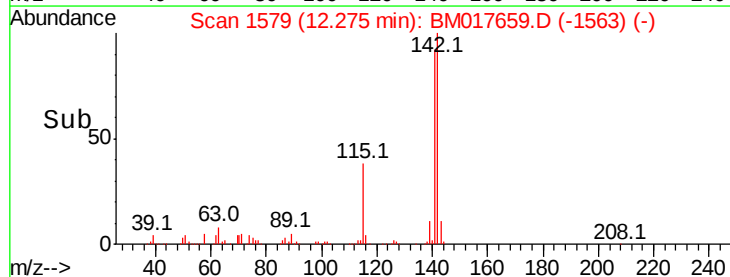
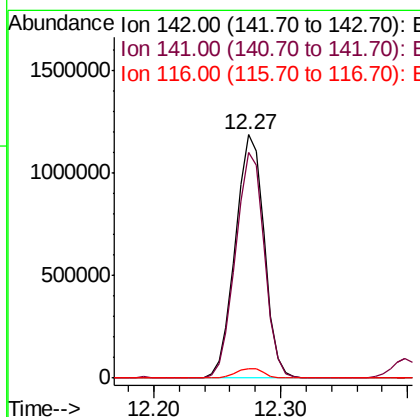
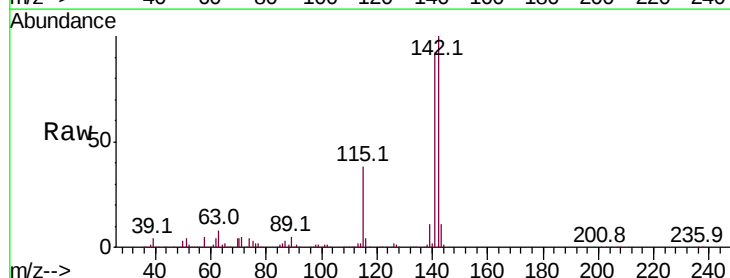
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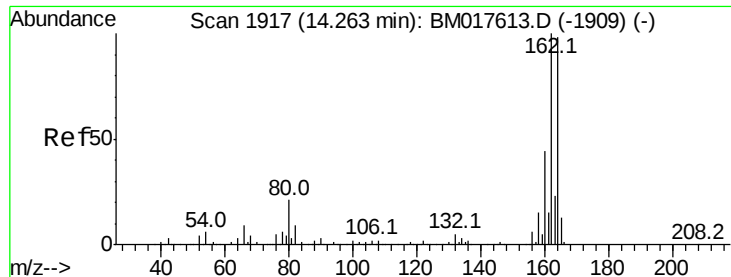
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#38
1-Methylnaphthalene
Concen: 54.433 ng
RT: 12.27 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BM017659.D
Acq: 14 Nov 2018 22:15

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	74.2	111.4
116	3.8	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.26 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BM017659.D

Acq: 14 Nov 2018 22:15

Instrument :

BNA_M

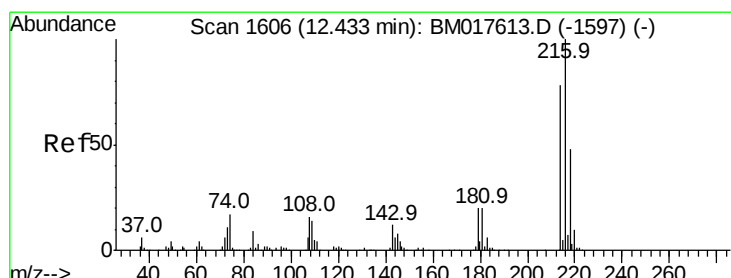
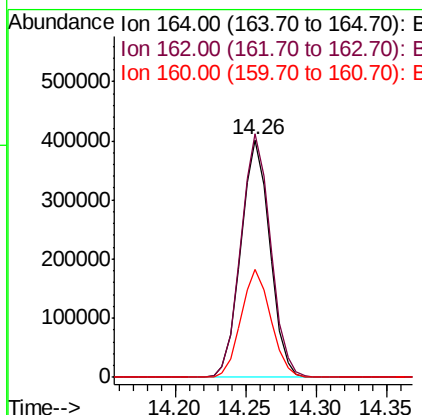
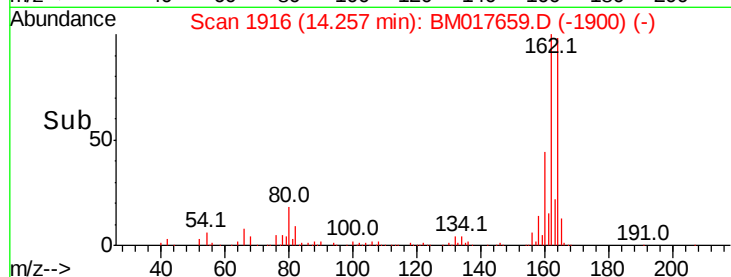
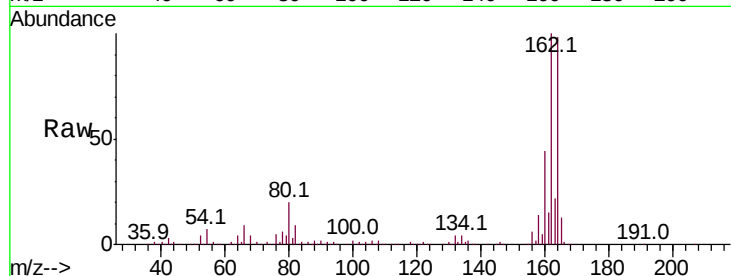
ClientSampleId :

WALL-DMSD

Tot Ion:	164	Resp:	579457
Ion Ratio	Lower	Upper	
164	100		
162	102.4	81.4	122.0
160	45.2	35.6	53.4

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.877 ng

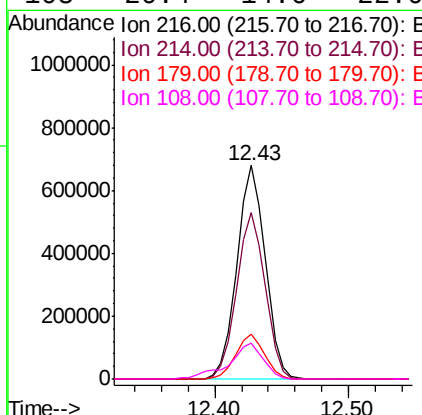
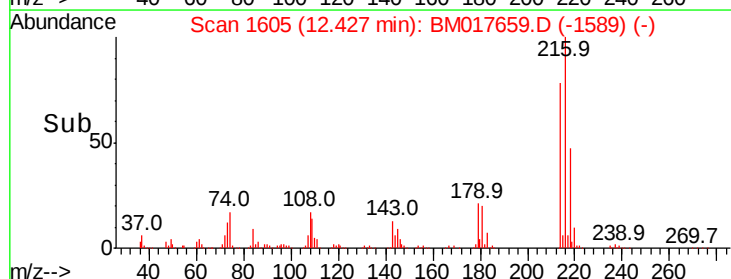
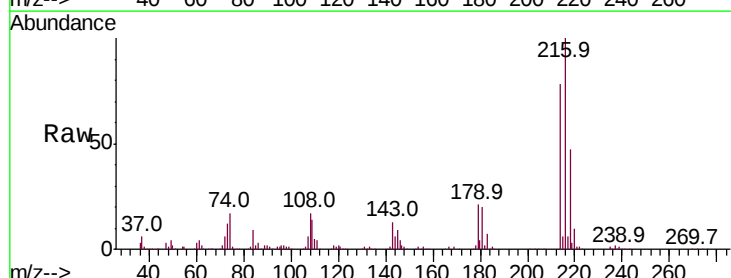
RT: 12.43 min Scan# 1605

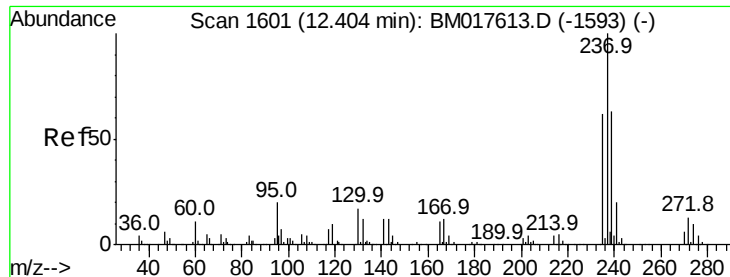
Delta R.T. -0.01 min

Lab File: BM017659.D

Acq: 14 Nov 2018 22:15

Tgt Ion:	216	Resp:	998713
Ion Ratio	Lower	Upper	
216	100		
214	78.3	62.5	93.7
179	21.3	16.8	25.2
108	20.4	14.6	22.0





#41

Hexachlorocyclopentadiene

Concen: 111.833 ng

RT: 12.40 min Scan# 1600

Delta R.T. -0.01 min

Lab File: BM017659.D

Acq: 14 Nov 2018 22:15

Instrument :

BNA_M

ClientSampleId :

WALL-DMSD

Tot Ion:237 Resp: 1180790

Ion Ratio Lower Upper

237 100

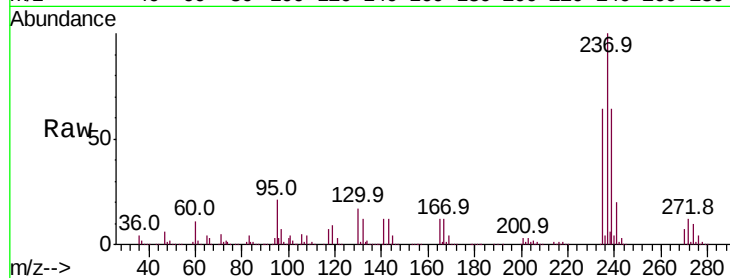
235 64.2 42.2 82.2

272 12.4 0.0 32.6

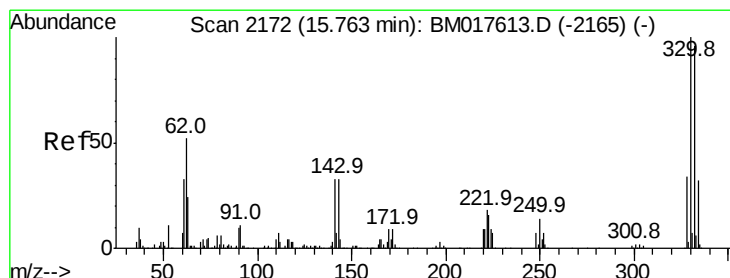
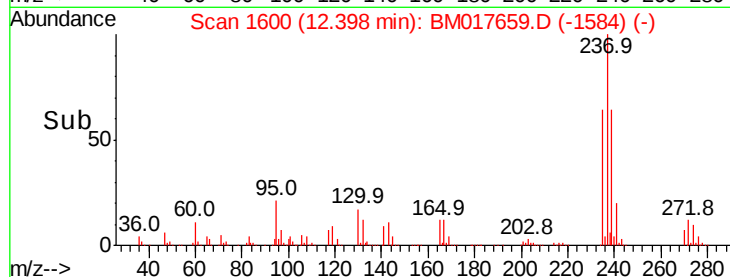
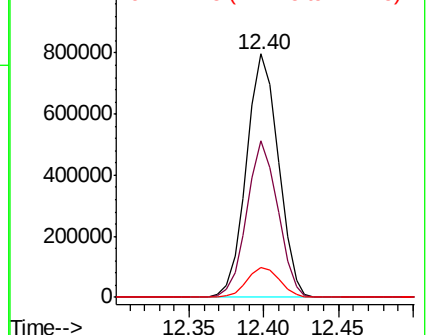
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 168.537 ng

RT: 15.76 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BM017659.D

Acq: 14 Nov 2018 22:15

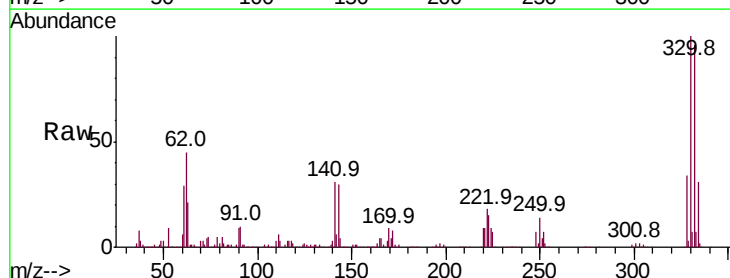
Tgt Ion:330 Resp: 1403237

Ion Ratio Lower Upper

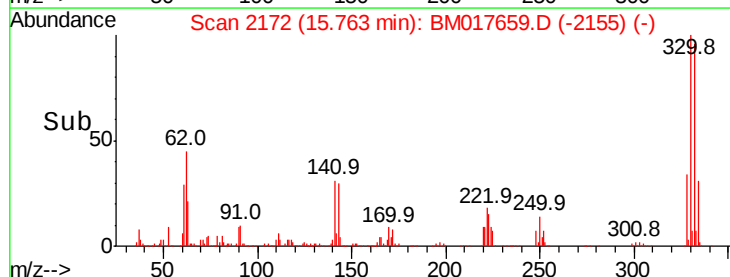
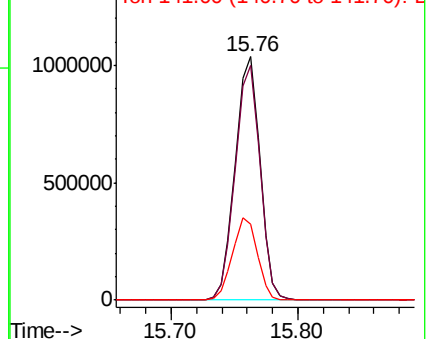
330 100

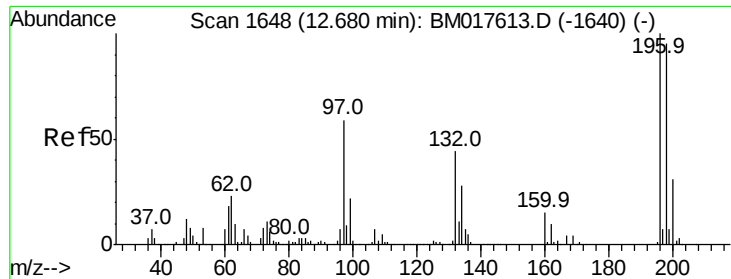
332 96.5 77.9 116.9

141 33.9 27.5 41.3



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





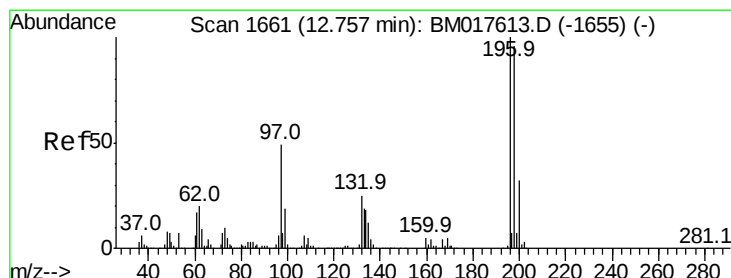
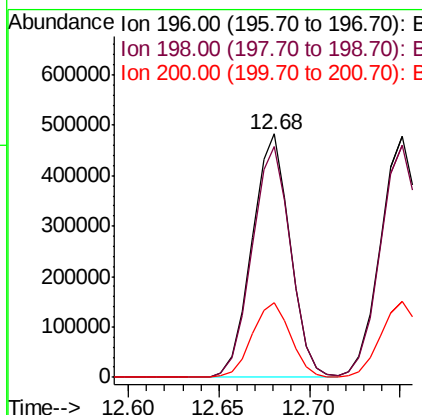
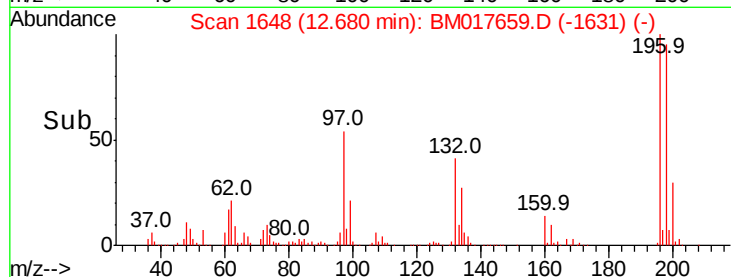
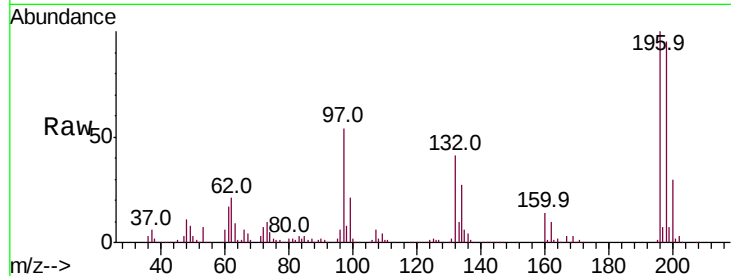
#43
 2,4,6-Trichlorophenol
 Concen: 55.144 ng
 RT: 12.68 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: BM017659.D
 Acq: 14 Nov 2018 22:15

Instrument :
 BNA_M
 ClientSampleId :
 WALL-DMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	705768		
198	94.6	75.6	113.4	
200	30.5	24.8	37.2	

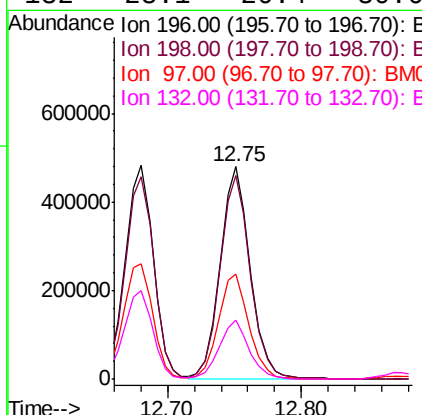
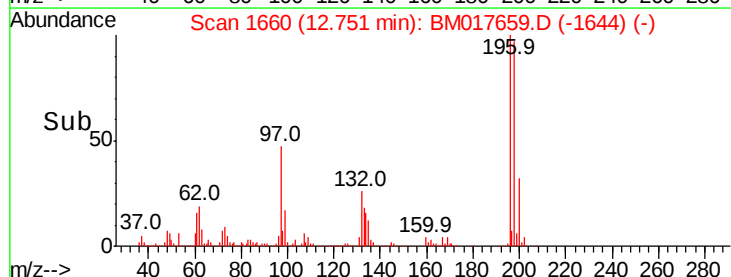
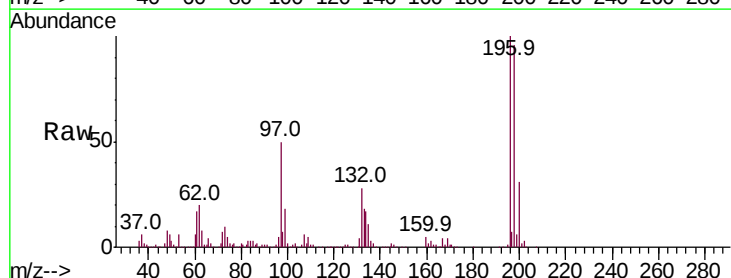
Manual Integrations
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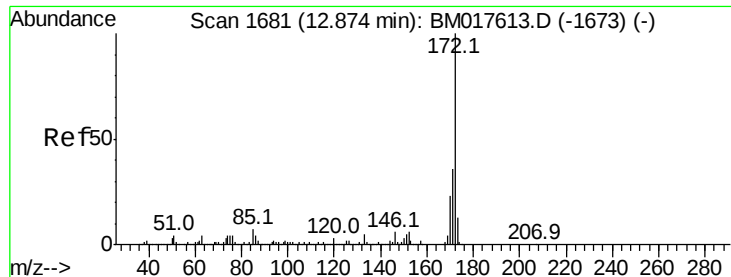
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#44
 2,4,5-Trichlorophenol
 Concen: 55.431 ng
 RT: 12.75 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BM017659.D
 Acq: 14 Nov 2018 22:15

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	749084		
198	96.2	76.8	115.2	
97	49.6	39.0	58.6	
132	28.1	20.4	30.6	





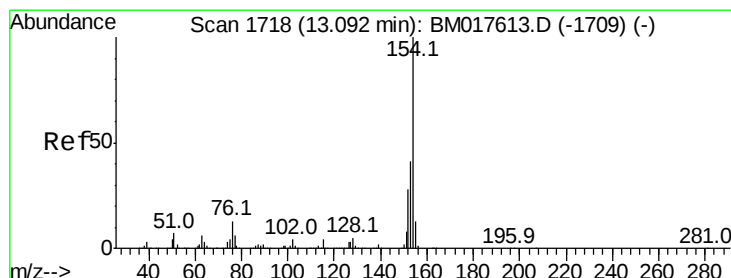
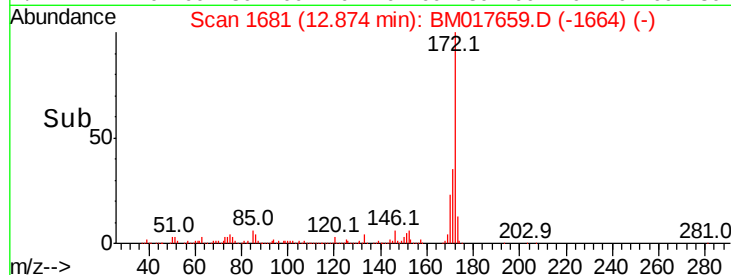
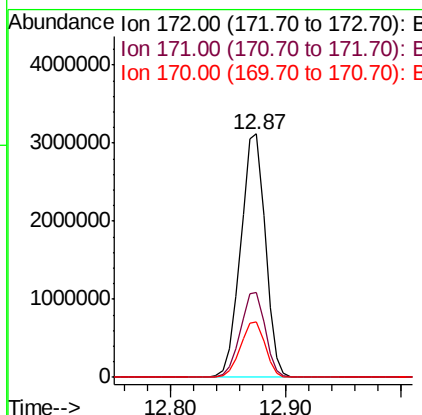
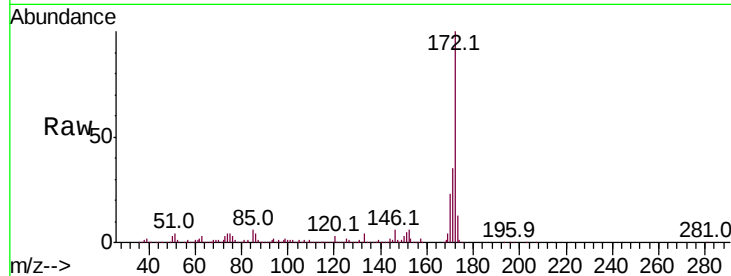
#45
2-Fluorobiphenyl
Concen: 103.311 ng
RT: 12.87 min Scan# 1681
Delta R.T. 0.00 min
Lab File: BM017659.D
Acq: 14 Nov 2018 22:15

Instrument :
BNA_M
ClientSampleId :
WALL-DMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.7	43.1
170	23.0	18.3	27.5

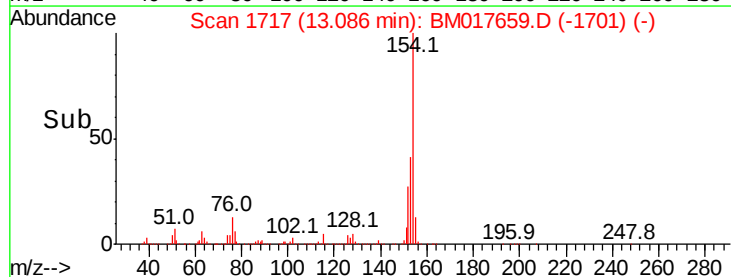
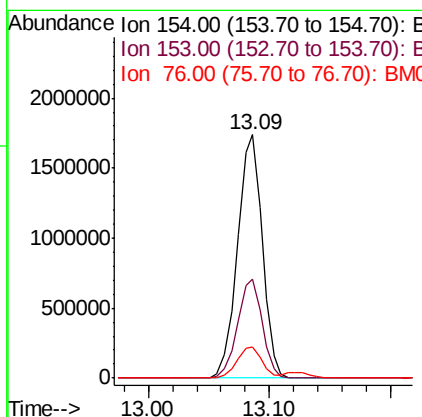
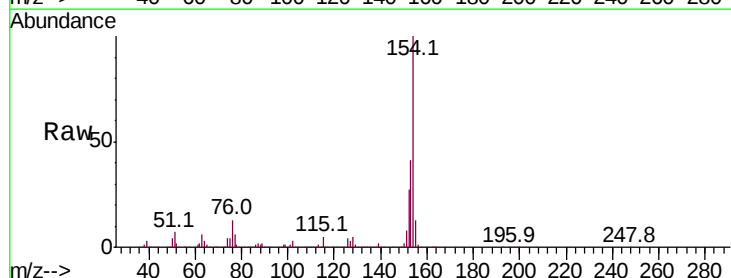
Manual Integrations
APPROVED

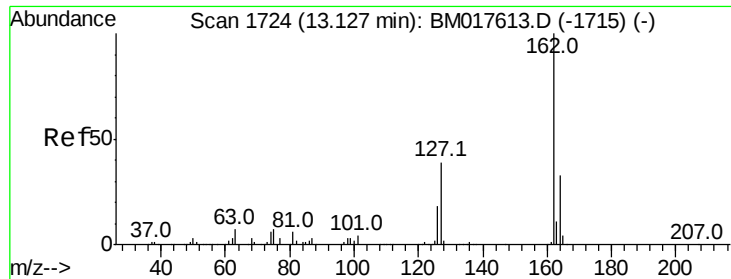
Sohil
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#46
1,1'-Biphenyl
Concen: 47.904 ng
RT: 13.09 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BM017659.D
Acq: 14 Nov 2018 22:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.8	60.8
76	12.7	0.0	32.8





#47

2-Chloronaphthalene

Concen: 50.443 ng

RT: 13.12 min Scan# 1723

Delta R.T. -0.01 min

Lab File: BM017659.D

Acq: 14 Nov 2018 22:15

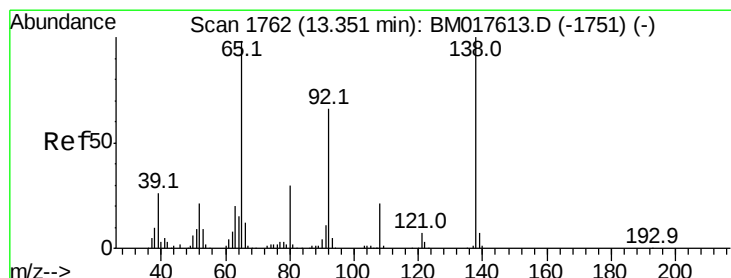
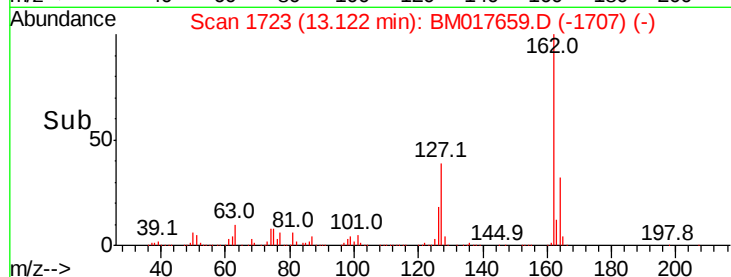
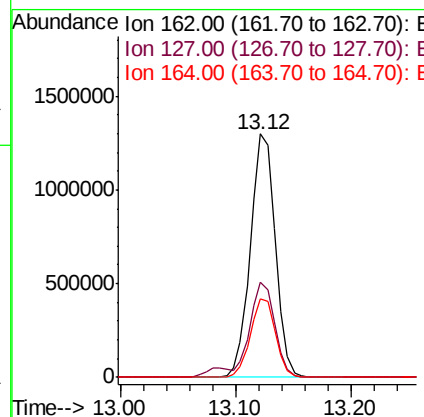
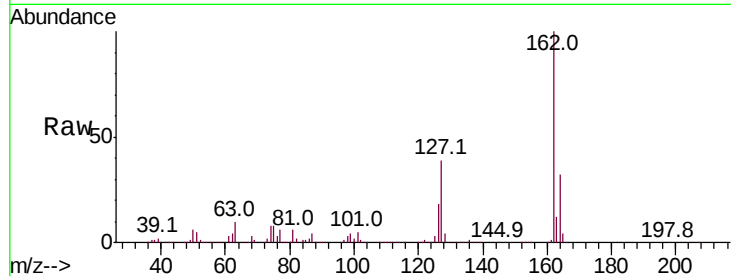
Instrument :
BNA_M

ClientSampleId :
WALL-DMSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.3	32.6	48.8
164	32.4	26.5	39.7

Manual Integrations
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#48

2-Nitroaniline

Concen: 53.092 ng

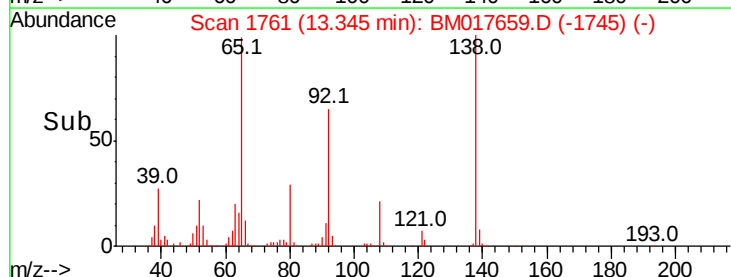
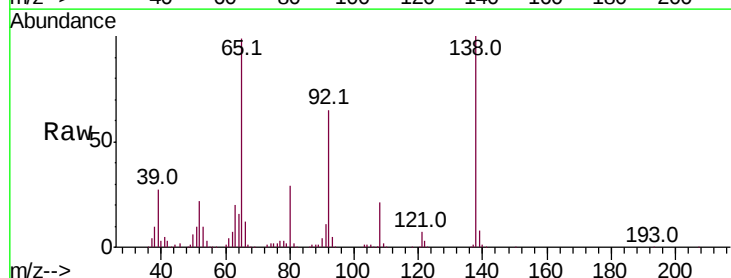
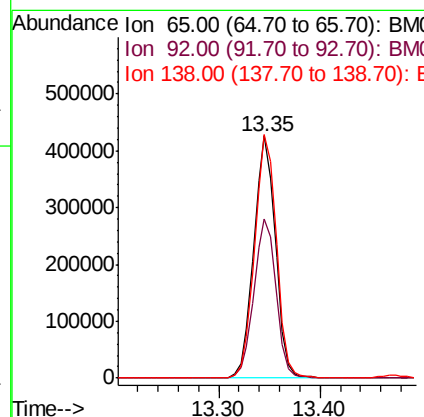
RT: 13.35 min Scan# 1761

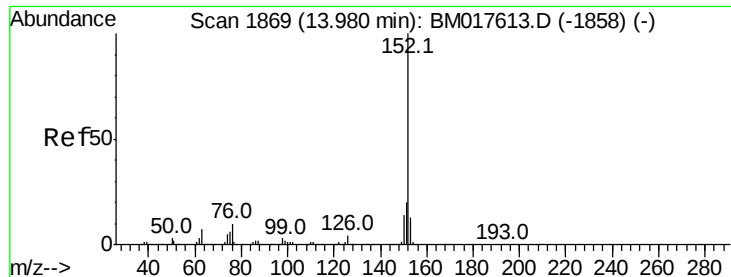
Delta R.T. -0.01 min

Lab File: BM017659.D

Acq: 14 Nov 2018 22:15

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.5	53.7	80.5
138	100.6	81.5	122.3





#49

Acenaphthylene

Concen: 55.146 ng

RT: 13.98 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BM017659.D

Acq: 14 Nov 2018 22:15

Instrument :

BNA_M

ClientSampleId :

WALL-DMSD

Tot Ion:152 Resp: 3198672

Ion Ratio Lower Upper

152 100

151 20.0 15.9 23.9

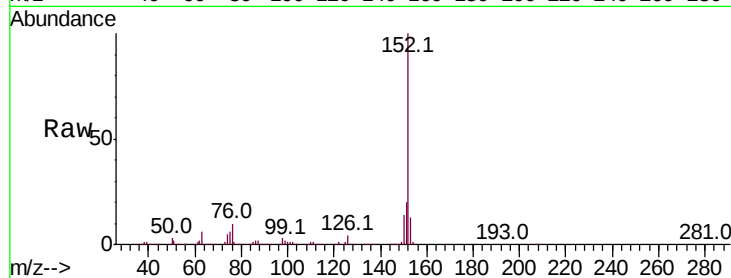
153 13.0 10.5 15.7

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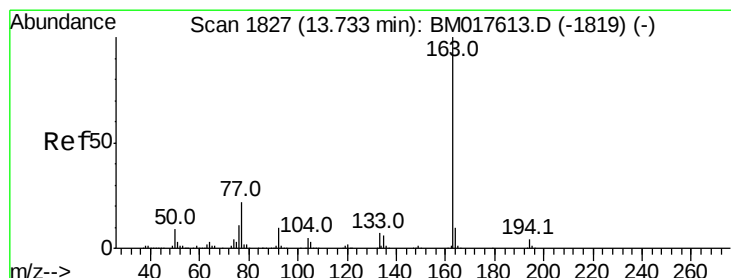
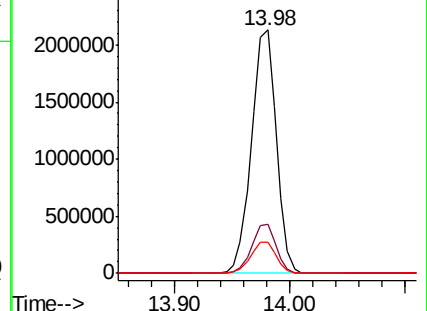
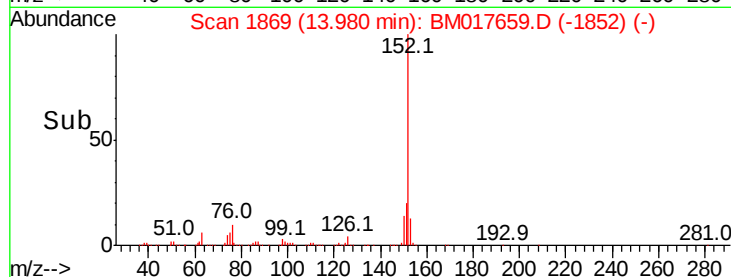
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 72.069 ng

RT: 13.73 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BM017659.D

Acq: 14 Nov 2018 22:15

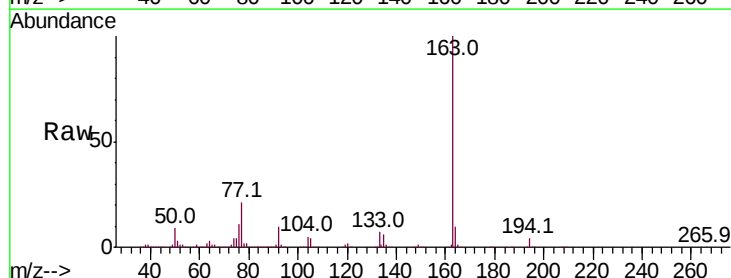
Tgt Ion:163 Resp: 3395321

Ion Ratio Lower Upper

163 100

194 4.3 3.1 4.7

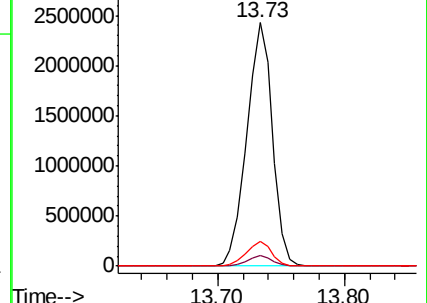
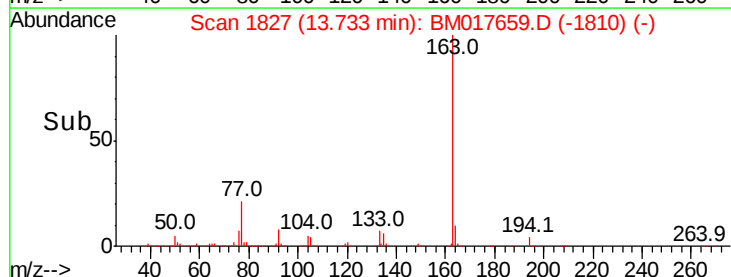
164 10.1 8.2 12.4

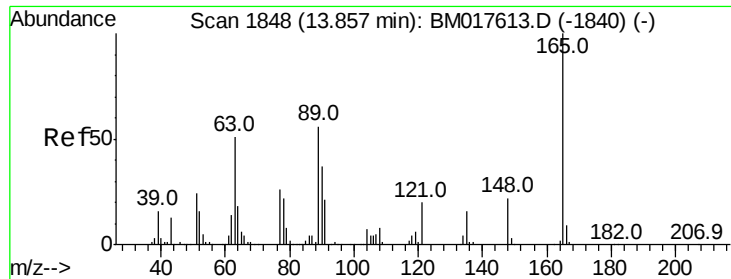


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





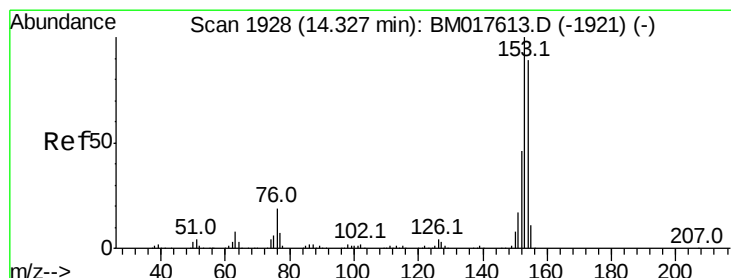
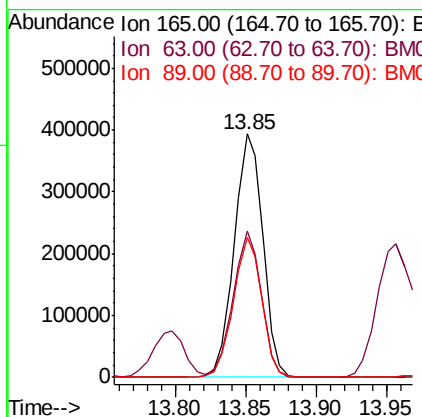
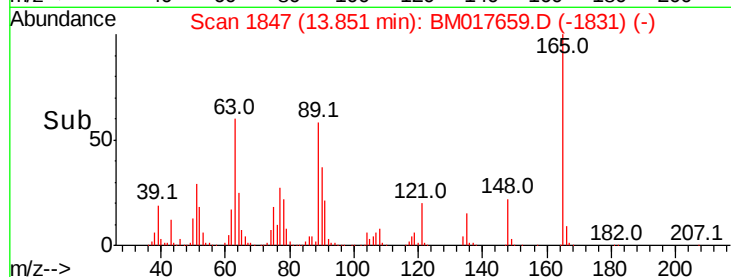
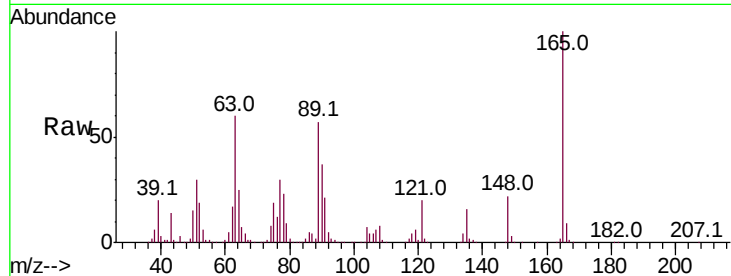
#51
2,6-Dinitrotoluene
Concen: 52.993 ng
RT: 13.85 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BM017659.D
Acq: 14 Nov 2018 22:15

Instrument :
BNA_M
ClientSampleId :
WALL-DMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	60.0	47.3	70.9	
89	57.5	44.8	67.2	

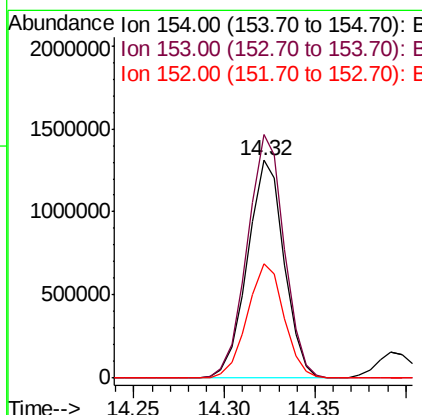
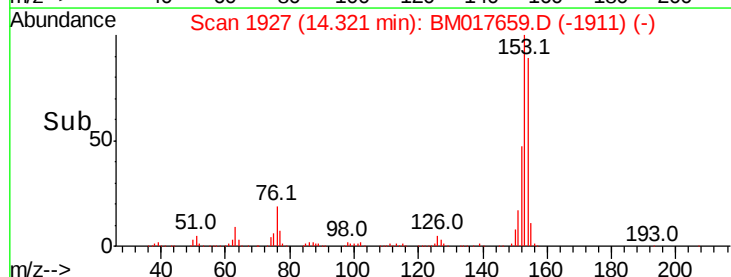
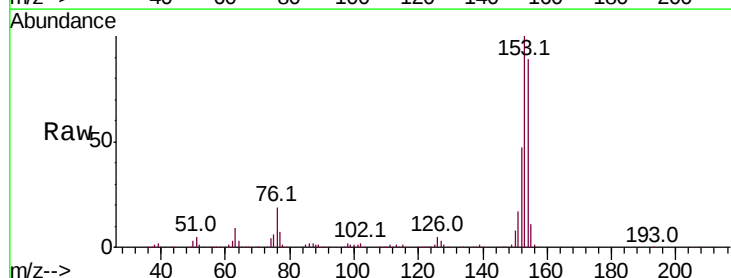
Manual Integrations
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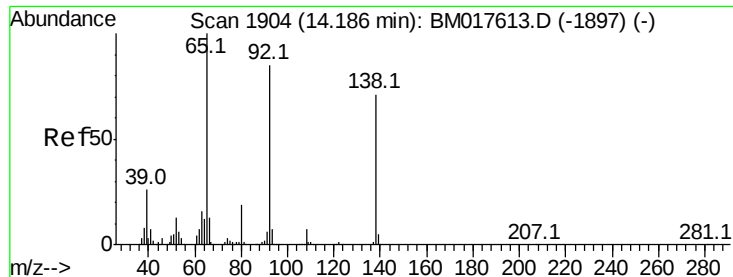
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#52
Acenaphthene
Concen: 51.749 ng
RT: 14.32 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BM017659.D
Acq: 14 Nov 2018 22:15

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	112.0	90.2	135.4	
152	52.4	41.6	62.4	





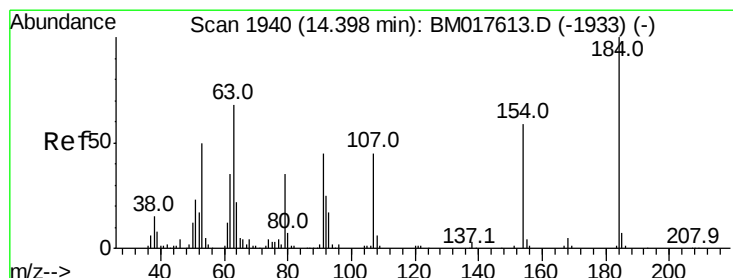
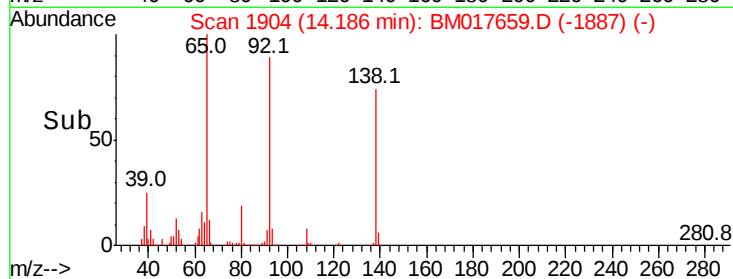
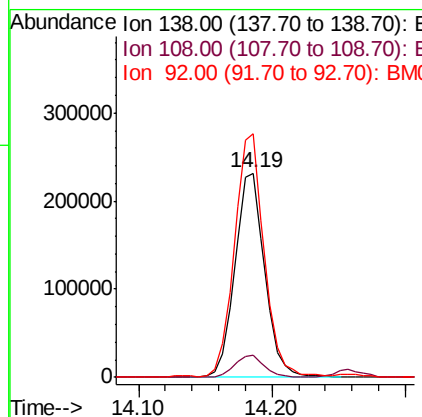
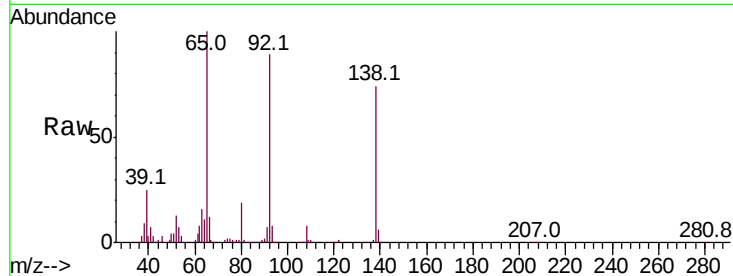
#53
3-Nitroaniline
Concen: 31.488 ng
RT: 14.19 min Scan# 1904
Delta R.T. 0.00 min
Lab File: BM017659.D
Acq: 14 Nov 2018 22:15

Instrument :
BNA_M
ClientSampleId :
WALL-DMSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
108	10.8	8.2	12.2	
92	119.1	95.4	143.2	

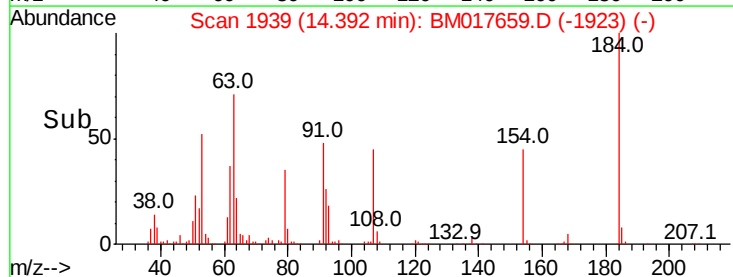
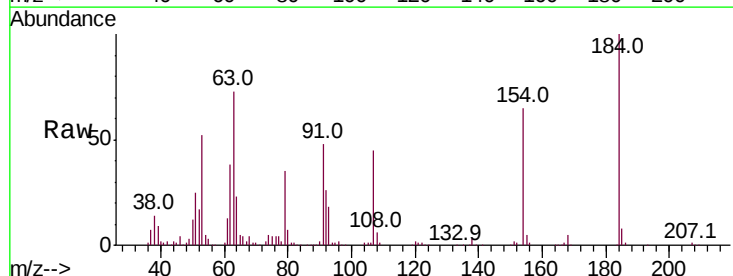
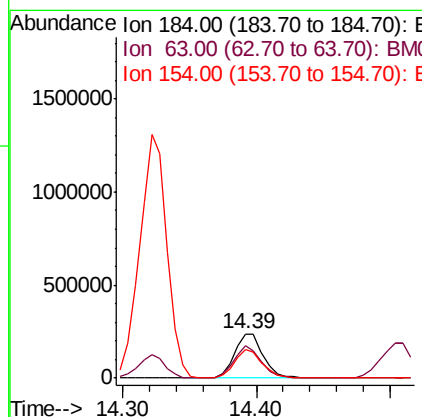
Manual Integrations
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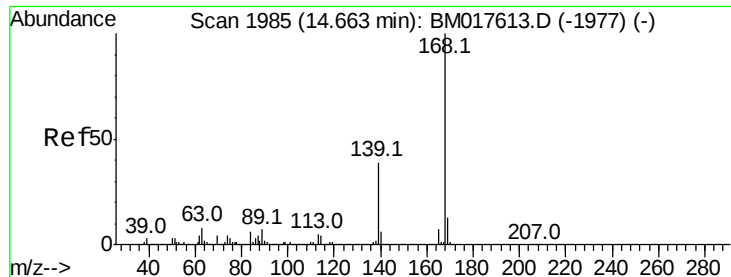
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#54
2,4-Dinitrophenol
Concen: 57.971 ng
RT: 14.39 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BM017659.D
Acq: 14 Nov 2018 22:15

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	73.1	55.1	82.7	
154	64.6	51.3	76.9	





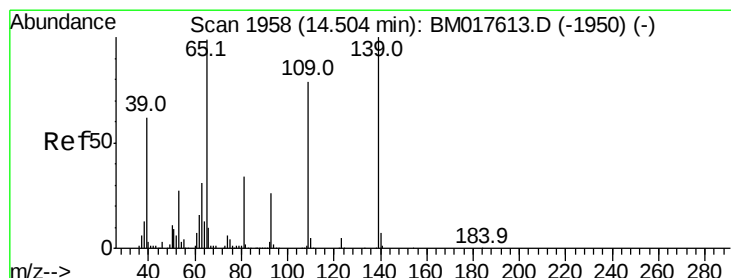
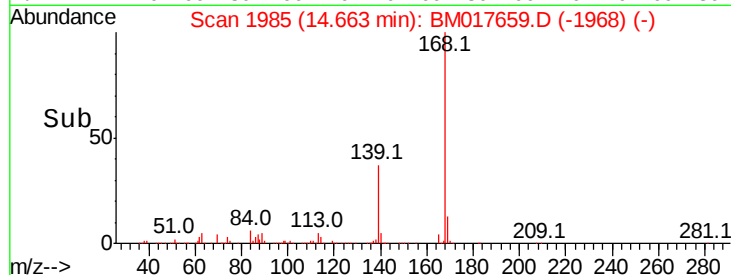
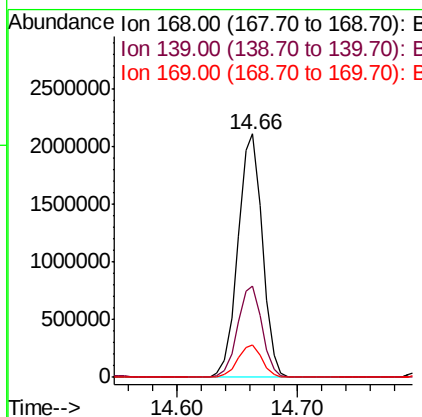
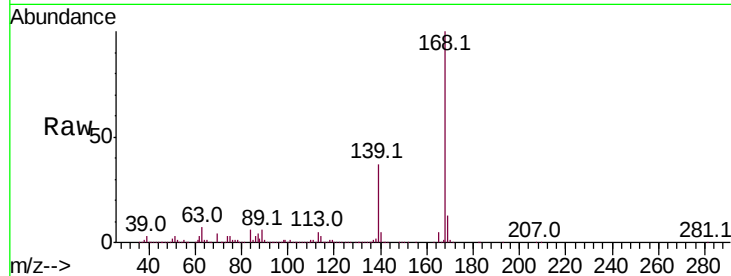
#55
Dibenzofuran
Concen: 50.900 ng
RT: 14.66 min Scan# 1985
Delta R.T. 0.00 min
Lab File: BM017659.D
Acq: 14 Nov 2018 22:15

Instrument :
BNA_M
ClientSampleId :
WALL-DMSD

Tot Ion:168 Resp: 2961040
Ion Ratio Lower Upper
168 100
139 37.4 31.0 46.6
169 13.1 10.6 16.0

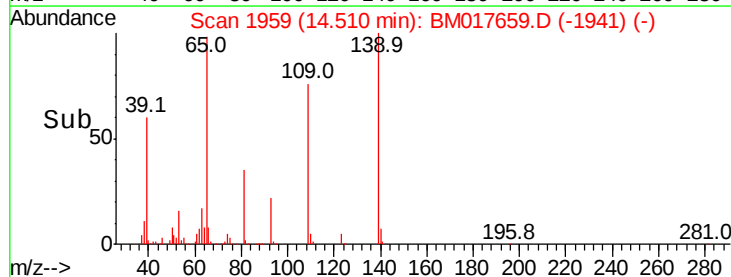
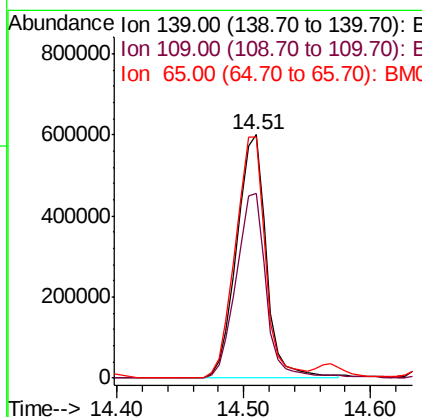
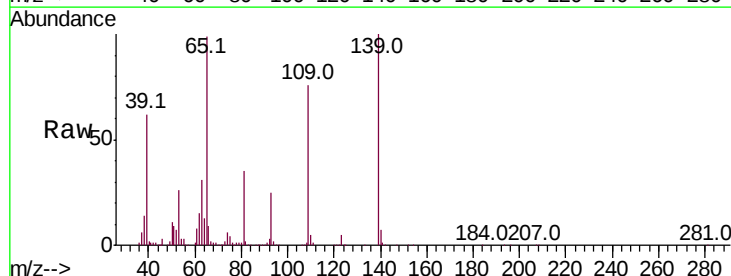
Manual Integrations
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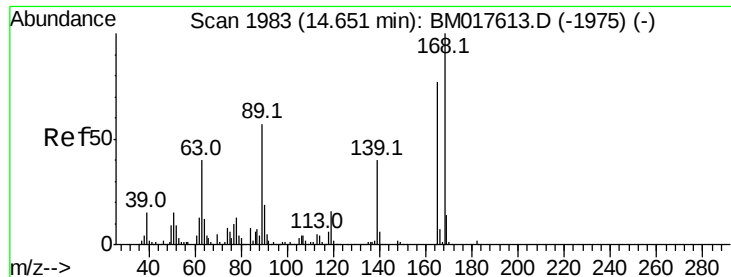
Sohil
11/15/2018 4:20:29 PM



#56
4-Nitrophenol
Concen: 99.591 ng
RT: 14.51 min Scan# 1959
Delta R.T. 0.01 min
Lab File: BM017659.D
Acq: 14 Nov 2018 22:15

Tgt Ion:139 Resp: 968556
Ion Ratio Lower Upper
139 100
109 75.7 58.6 98.6
65 98.9 79.5 119.5





#57

2,4-Dinitrotoluene

Concen: 55.415 ng

RT: 14.64 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BM017659.D

Acq: 14 Nov 2018 22:15

Instrument :

BNA_M

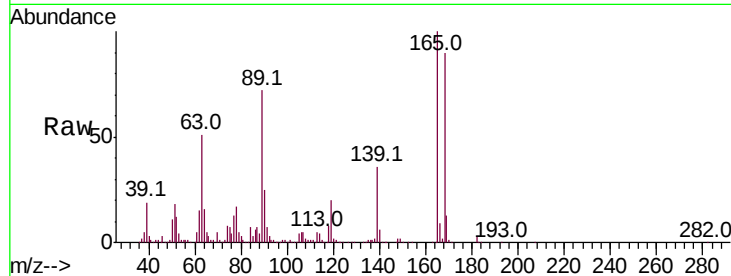
ClientSampleId :

WALL-DMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	783638		
63	51.1	41.8	62.8	
89	72.4	59.5	89.3	
182	2.9	2.3	3.5	

Manual Integrations
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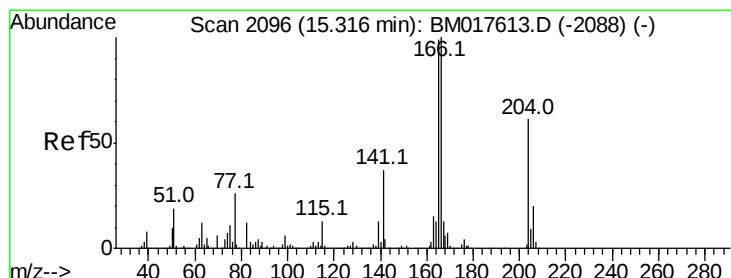
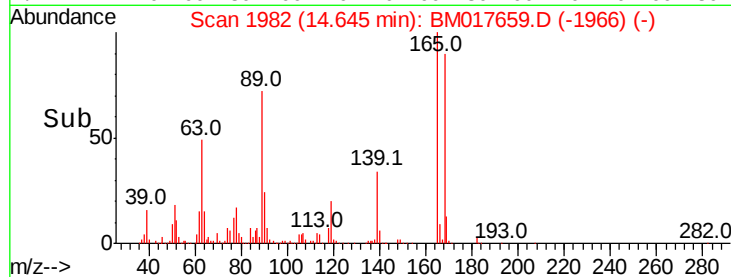
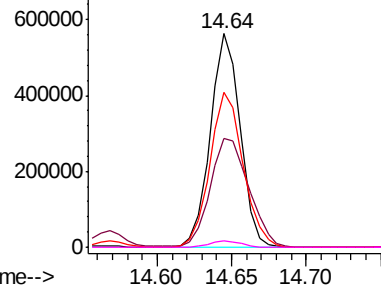


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 54.490 ng

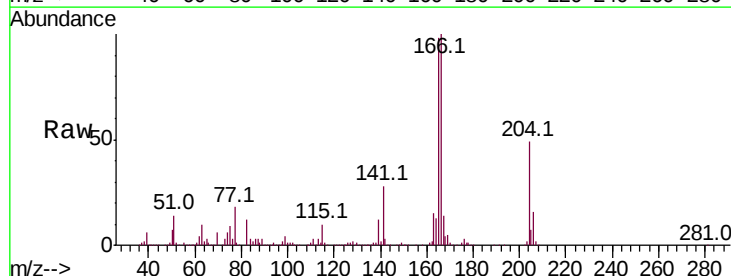
RT: 15.32 min Scan# 2096

Delta R.T. 0.00 min

Lab File: BM017659.D

Acq: 14 Nov 2018 22:15

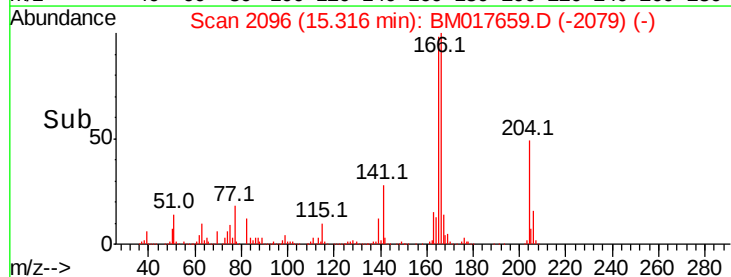
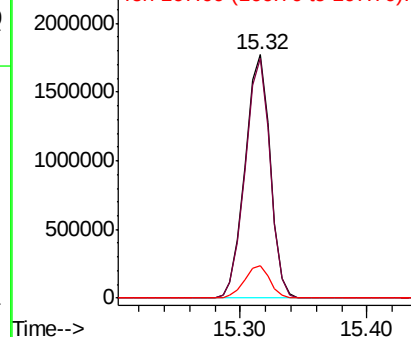
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2426697		
165	98.3	79.0	118.6	
167	13.5	10.8	16.2	

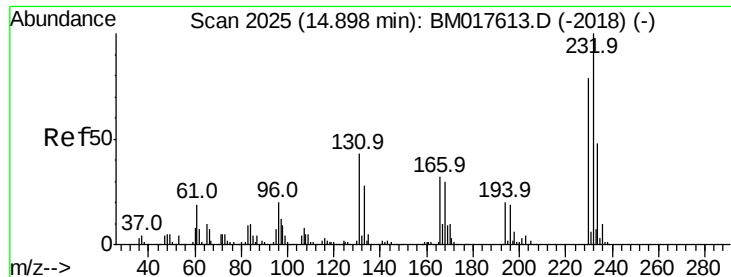


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





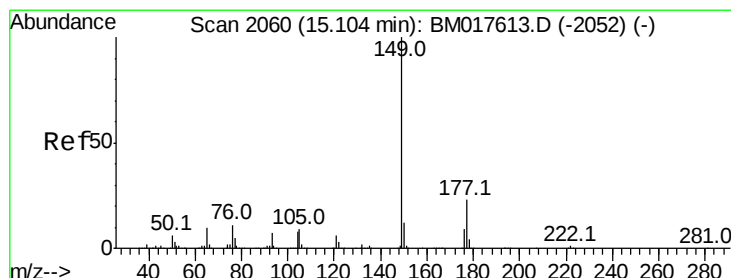
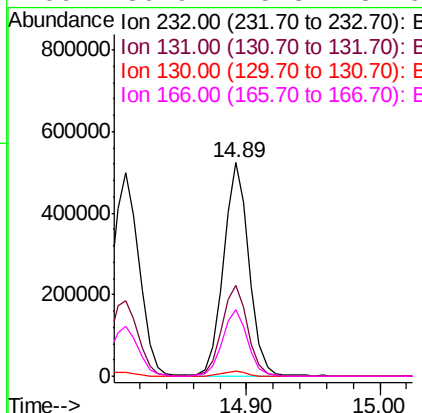
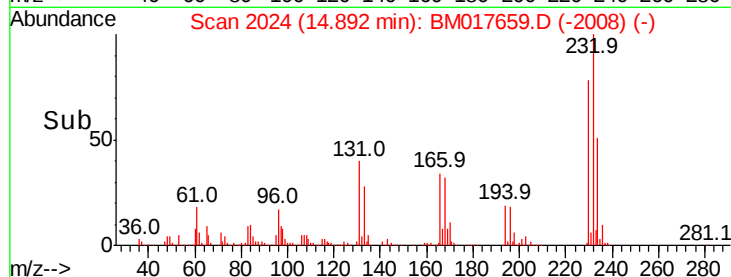
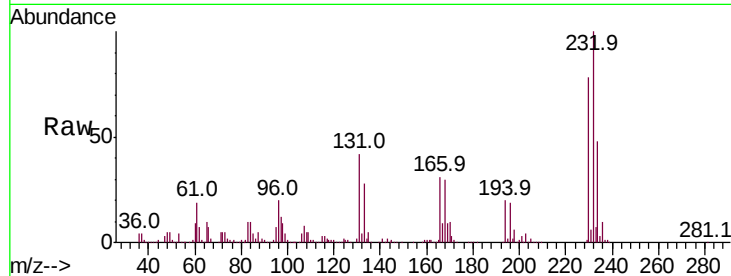
#59
2,3,4,6-Tetrachlorophenol
Concen: 56.036 ng
RT: 14.89 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BM017659.D
Acq: 14 Nov 2018 22:15

Instrument :
BNA_M
ClientSampleId :
WALL-DMSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	696506		
131	43.3		34.8	52.2
130	2.3		1.9	2.9
166	30.9		25.3	37.9

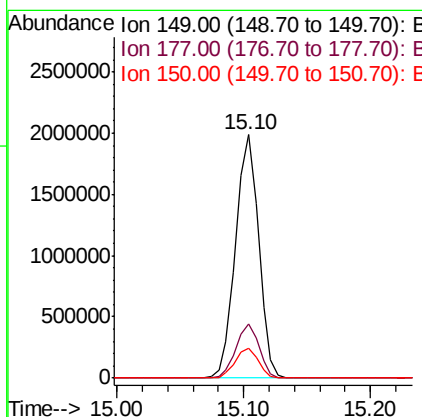
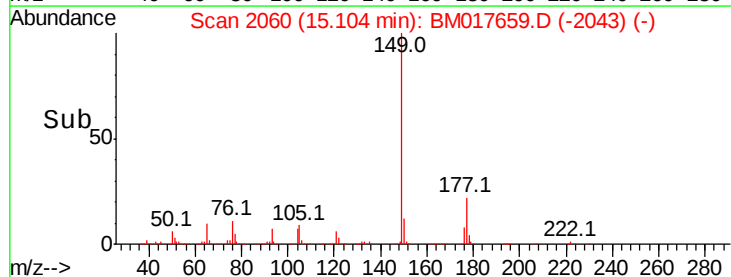
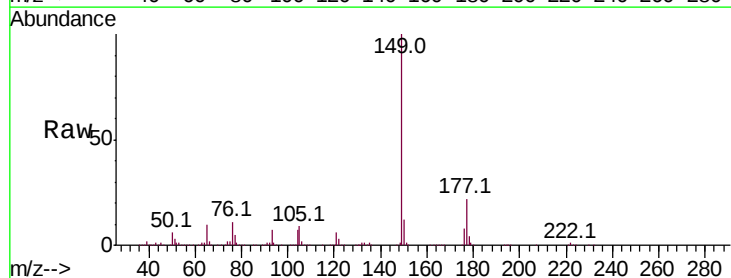
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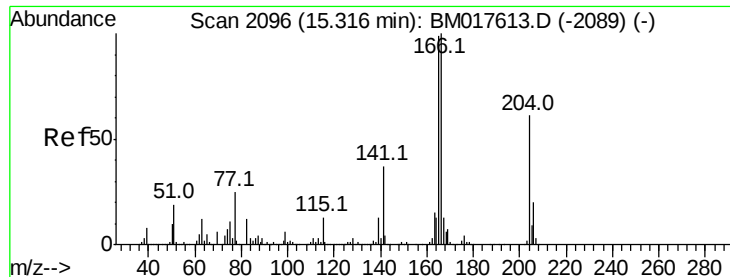
Sohil
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#60
Diethylphthalate
Concen: 48.957 ng
RT: 15.10 min Scan# 2060
Delta R.T. 0.00 min
Lab File: BM017659.D
Acq: 14 Nov 2018 22:15

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	2492077		
177	22.1		18.1	27.1
150	12.3		9.9	14.9





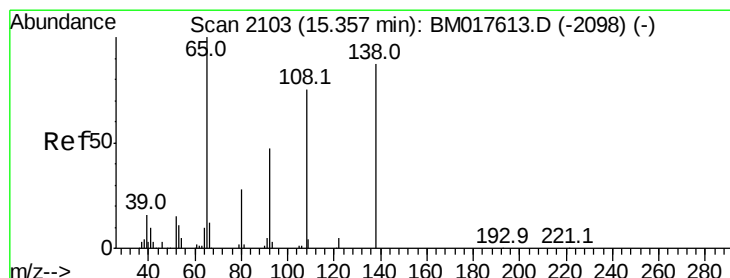
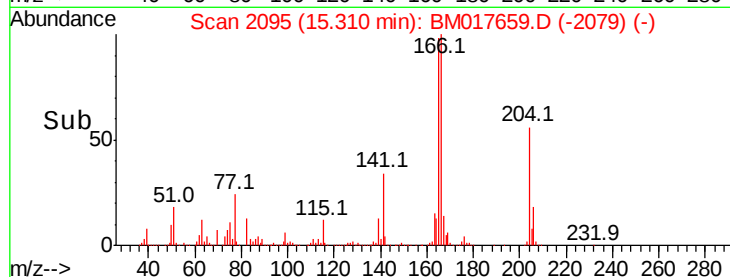
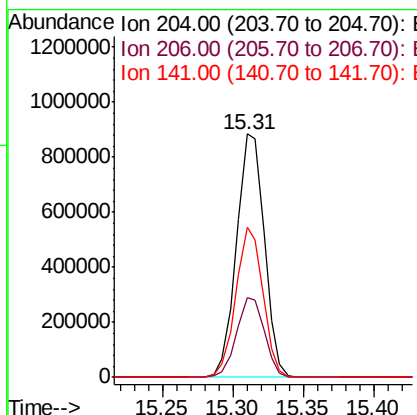
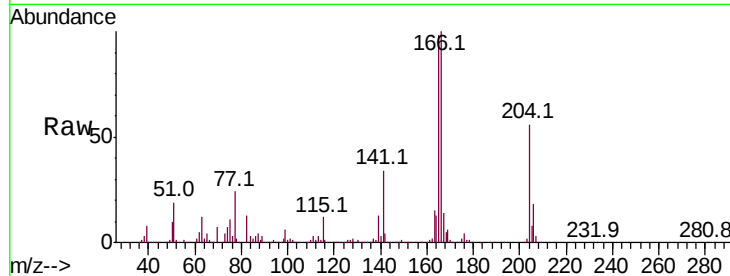
#61
 4-Chlorophenyl-phenylether
 Concen: 48.105 ng
 RT: 15.31 min Scan# 2095
 Delta R.T. -0.01 min
 Lab File: BM017659.D
 Acq: 14 Nov 2018 22:15

Instrument :
 BNA_M
 ClientSampleId :
 WALL-DMSD

Tot Ion:	204	Resp:	1217181
Ion Ratio	Lower	Upper	
204	100		
206	32.6	25.9	38.9
141	61.7	47.9	71.9

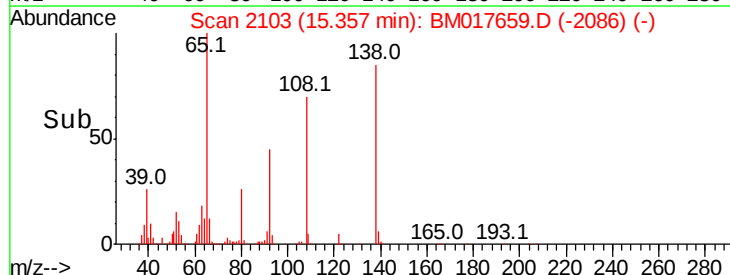
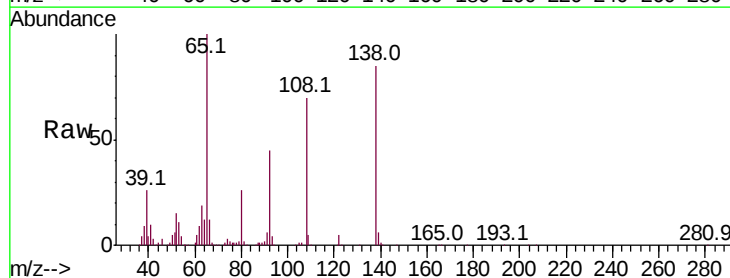
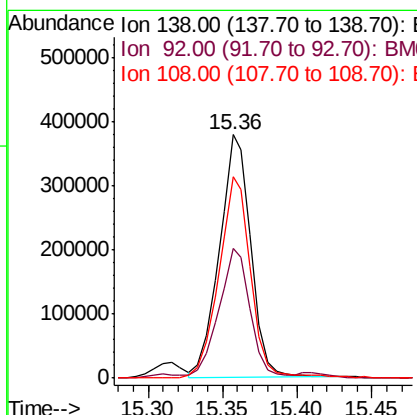
Manual Integrations
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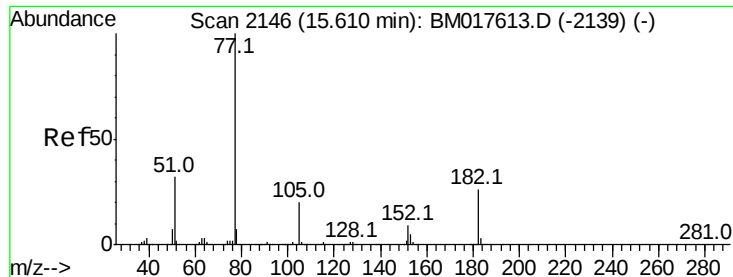
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#62
 4-Nitroaniline
 Concen: 51.717 ng
 RT: 15.36 min Scan# 2103
 Delta R.T. -0.00 min
 Lab File: BM017659.D
 Acq: 14 Nov 2018 22:15

Tgt Ion:	138	Resp:	556703
Ion Ratio	Lower	Upper	
138	100		
92	53.3	33.4	73.4
108	82.8	64.3	104.3





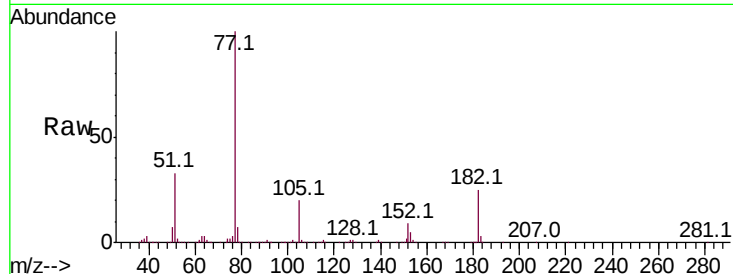
#63
Azobenzene
Concen: 50.040 ng
RT: 15.60 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BM017659.D
Acq: 14 Nov 2018 22:15

Instrument :
BNA_M
ClientSampleId :
WALL-DMSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.0	5.8	45.8
105	19.6	0.0	40.0
51	32.7	12.5	52.5

Manual Integrations
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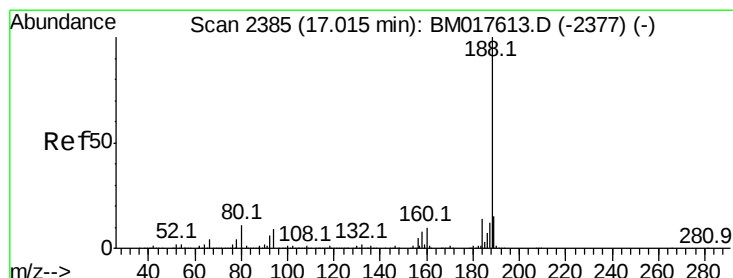
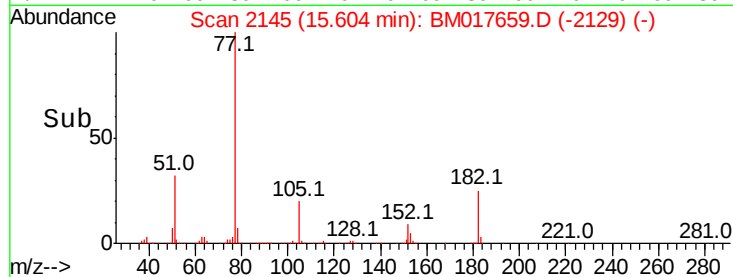
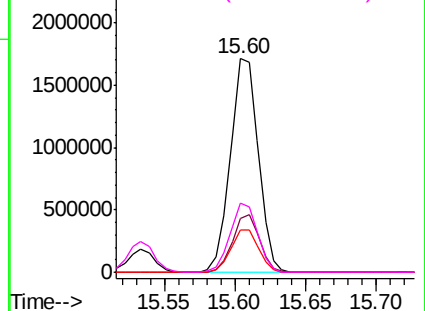
Abundance

Ion 77.00 (76.70 to 77.70): BM017613.D (-2139) (-)

Ion 182.00 (181.70 to 182.70): BM017613.D (-2139) (-)

Ion 105.00 (104.70 to 105.70): BM017613.D (-2139) (-)

Ion 51.00 (50.70 to 51.70): BM017613.D (-2139) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.01 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM017659.D
Acq: 14 Nov 2018 22:15

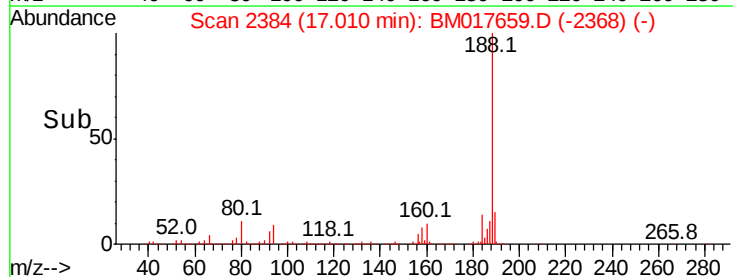
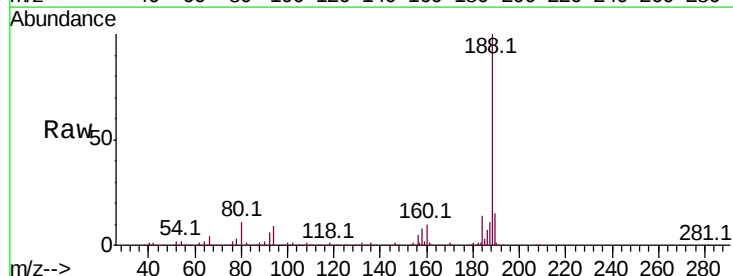
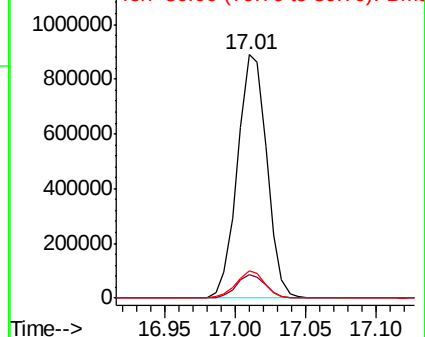
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.5	11.3
80	11.0	8.6	13.0

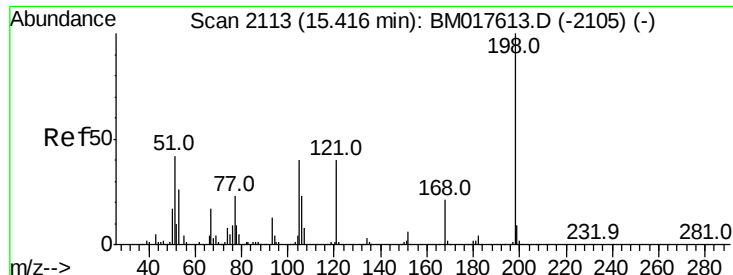
Abundance

Ion 188.00 (187.70 to 188.70): BM017613.D (-2377) (-)

Ion 94.00 (93.70 to 94.70): BM017613.D (-2377) (-)

Ion 80.00 (79.70 to 80.70): BM017613.D (-2377) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 47.758 ng

RT: 15.41 min Scan# 2112

Delta R.T. -0.01 min

Lab File: BM017659.D

Acq: 14 Nov 2018 22:15

Instrument :

BNA_M

ClientSampleId :

WALL-DMSD

Tot Ion:198 Resp: 427896

Ion Ratio Lower Upper

198 100

51 46.8 25.9 65.9

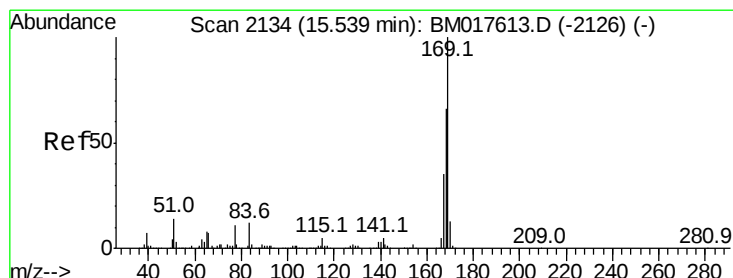
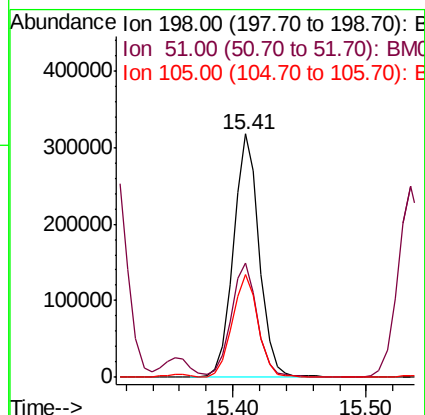
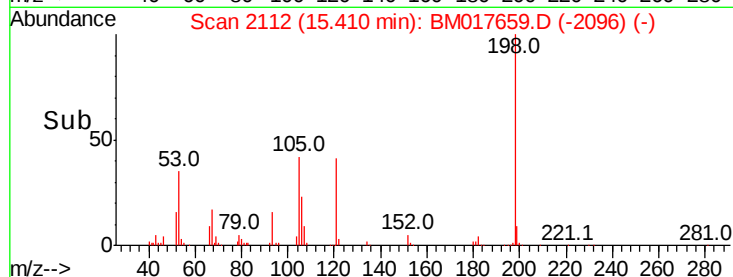
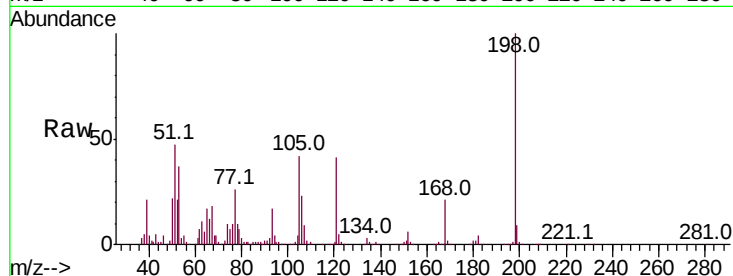
105 42.0 20.6 60.6

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#66

n-Nitrosodiphenylamine

Concen: 51.121 ng

RT: 15.53 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BM017659.D

Acq: 14 Nov 2018 22:15

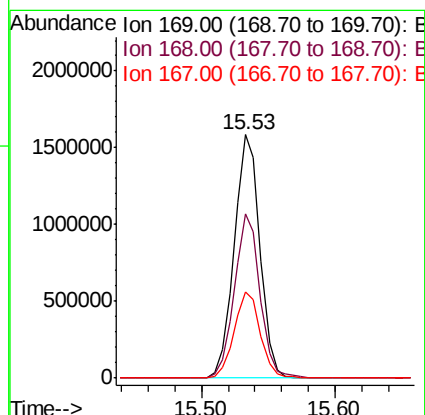
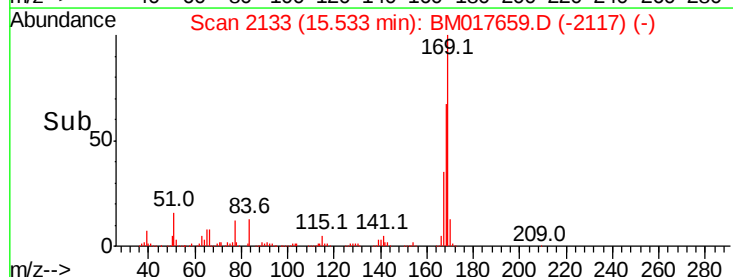
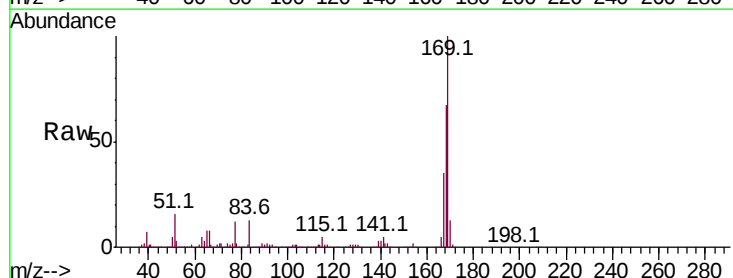
Tgt Ion:169 Resp: 2125731

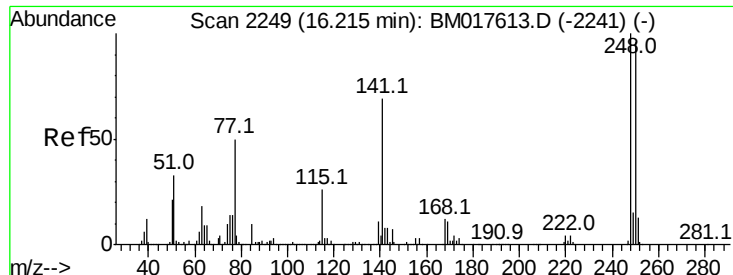
Ion Ratio Lower Upper

169 100

168 67.4 53.0 79.6

167 35.3 28.0 42.0





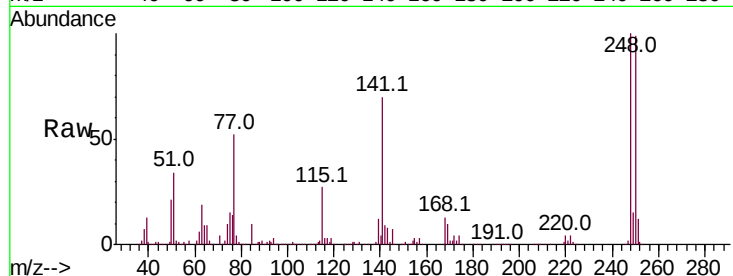
#67
4-Bromophenyl-phenylether
Concen: 48.907 ng
RT: 16.21 min Scan# 2248
Delta R.T. -0.01 min
Lab File: BM017659.D
Acq: 14 Nov 2018 22:15

Instrument :
BNA_M
ClientSampleId :
WALL-DMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.9	76.5	114.7
141	69.7	54.9	82.3

Manual Integrations
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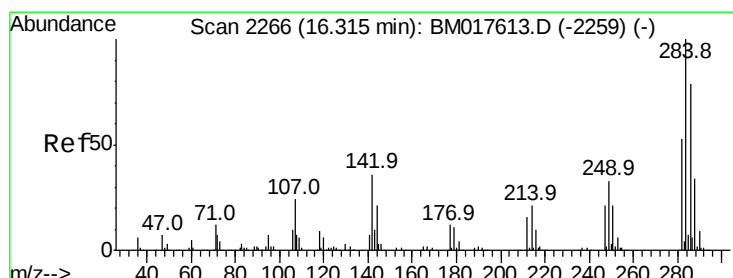
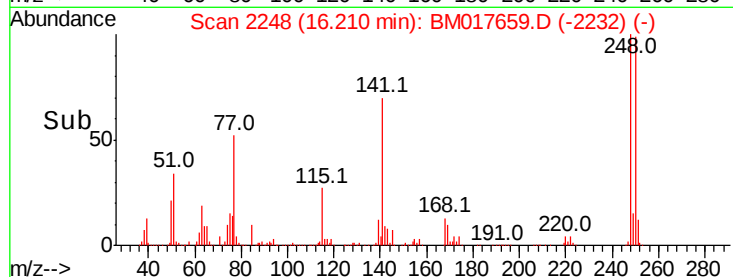
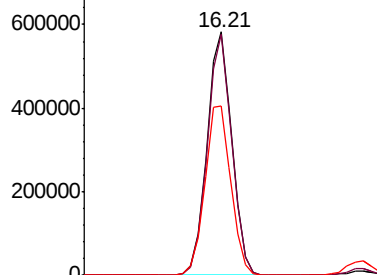


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 48.390 ng
RT: 16.32 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BM017659.D
Acq: 14 Nov 2018 22:15

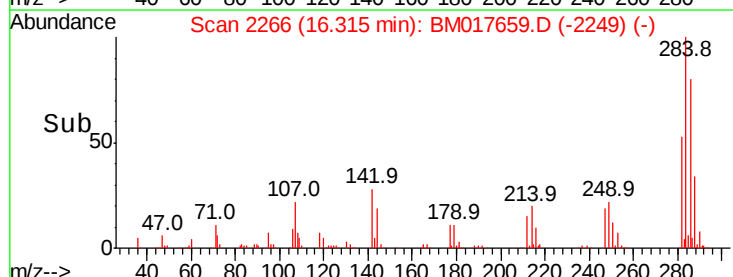
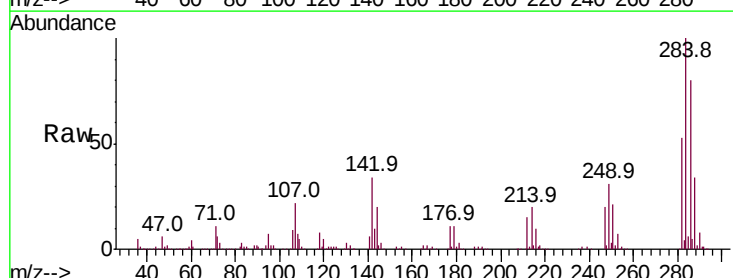
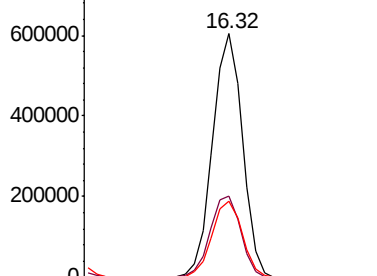
Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.6	28.4	42.6
249	31.2	26.4	39.6

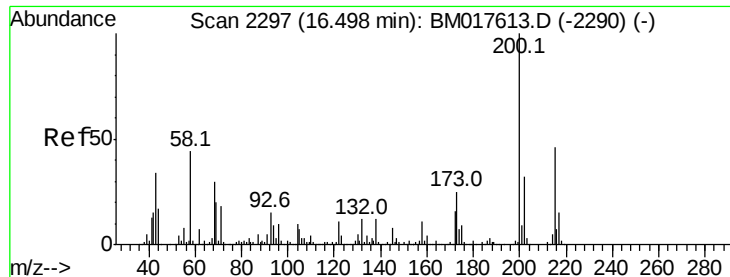
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





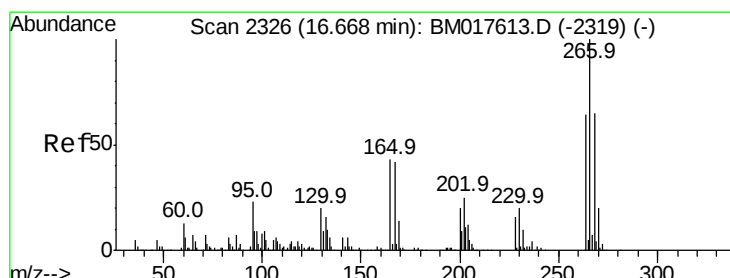
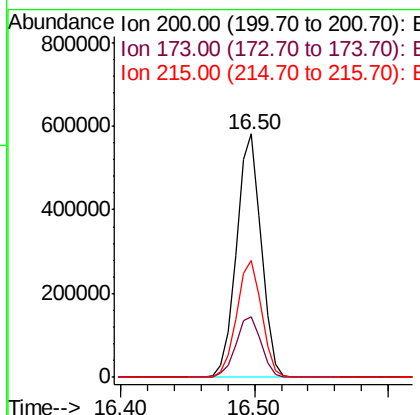
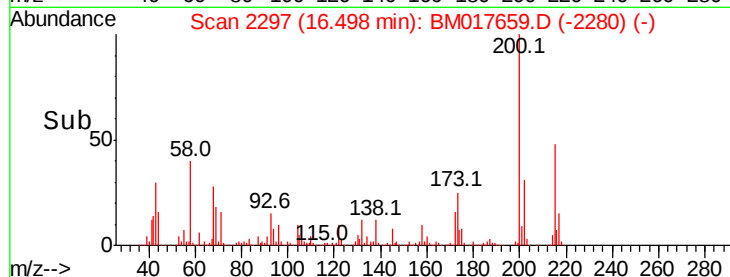
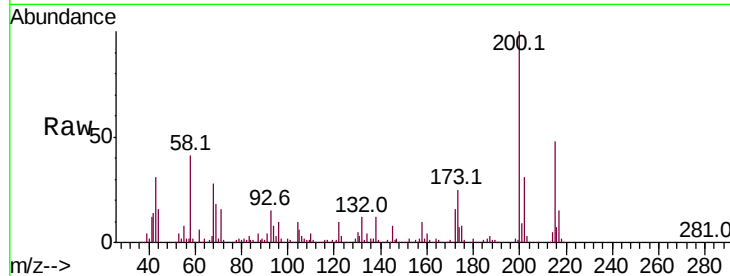
#69
Atrazine
Concen: 48.815 ng
RT: 16.50 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BM017659.D
Acq: 14 Nov 2018 22:15

Instrument :
BNA_M
ClientSampleId :
WALL-DMSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.0	5.1	45.1
215	48.0	25.8	65.8

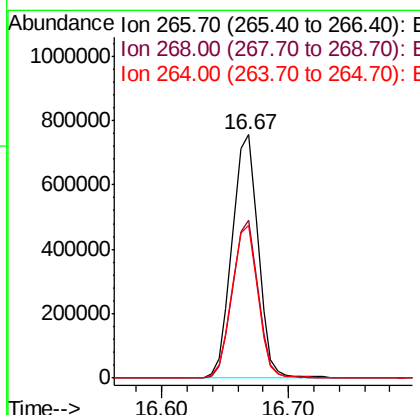
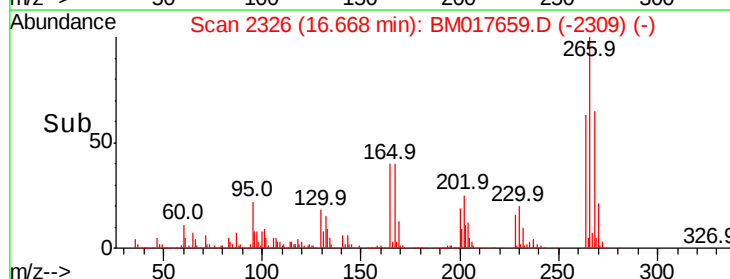
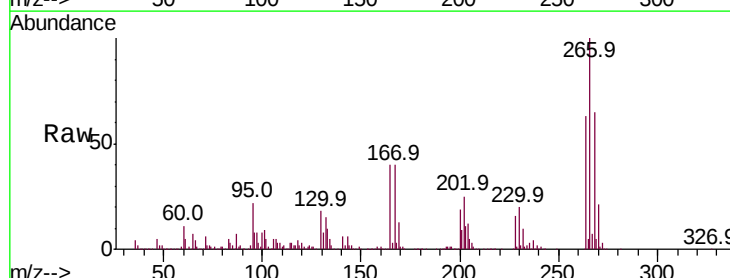
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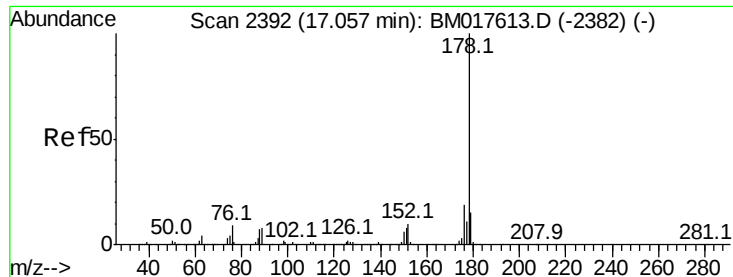
Sohil
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#70
Pentachlorophenol
Concen: 89.027 ng
RT: 16.67 min Scan# 2326
Delta R.T. 0.00 min
Lab File: BM017659.D
Acq: 14 Nov 2018 22:15

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.6	51.7	77.5
264	62.6	51.3	76.9





#71

Phenanthrene

Concen: 53.237 ng

RT: 17.06 min Scan# 2392

Delta R.T. 0.00 min

Lab File: BM017659.D

Acq: 14 Nov 2018 22:15

Instrument :

BNA_M

ClientSampleId :

WALL-DMSD

Tot Ion:178 Resp: 3736110

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

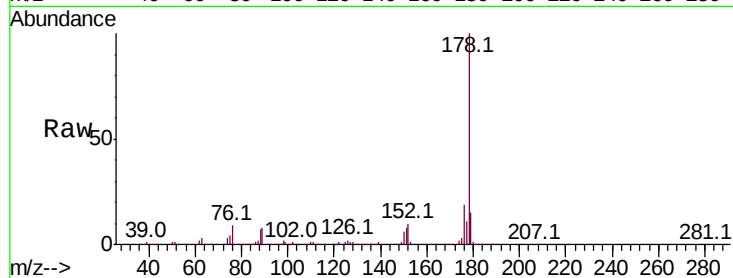
179 15.2 12.4 18.6

Manual Integrations

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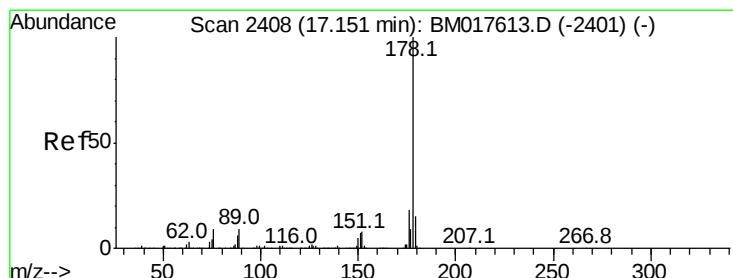
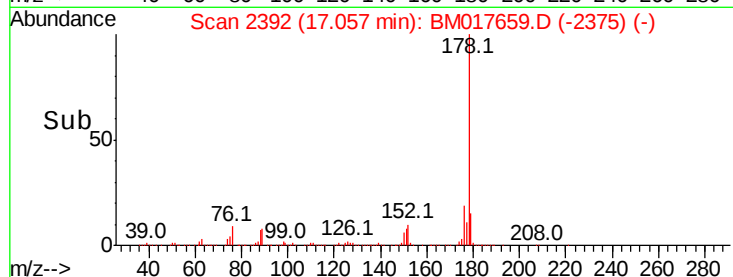
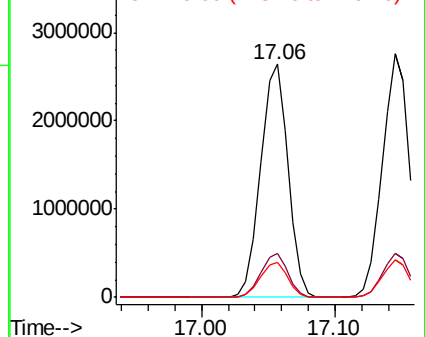
11/15/2018 4:20:29 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 55.913 ng

RT: 17.14 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BM017659.D

Acq: 14 Nov 2018 22:15

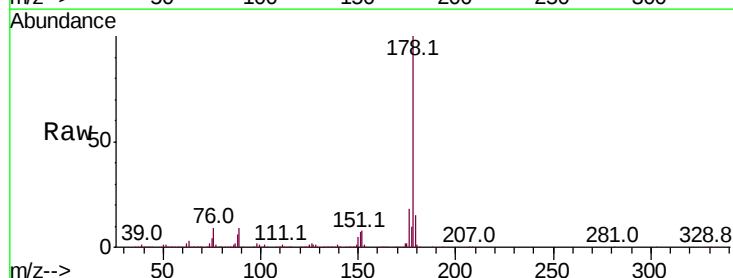
Tgt Ion:178 Resp: 3818353

Ion Ratio Lower Upper

178 100

176 18.0 14.5 21.7

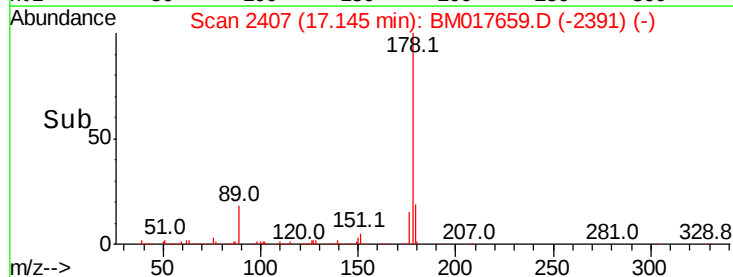
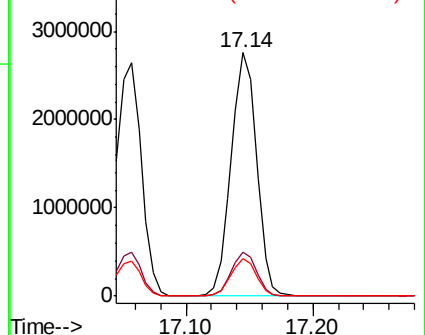
179 15.4 12.3 18.5

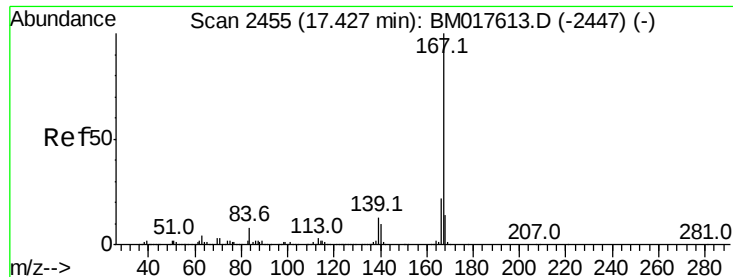


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 50.730 ng

RT: 17.42 min Scan# 2454

Delta R.T. -0.01 min

Lab File: BM017659.D

Acq: 14 Nov 2018 22:15

Instrument :

BNA_M

ClientSampleId :

WALL-DMSD

Tot Ion:167 Resp: 3500745

Ion Ratio Lower Upper

167 100

166 21.5 17.2 25.8

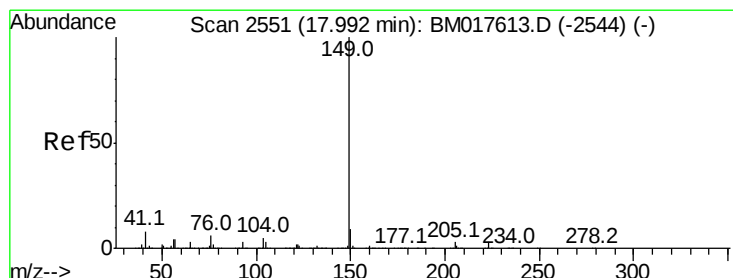
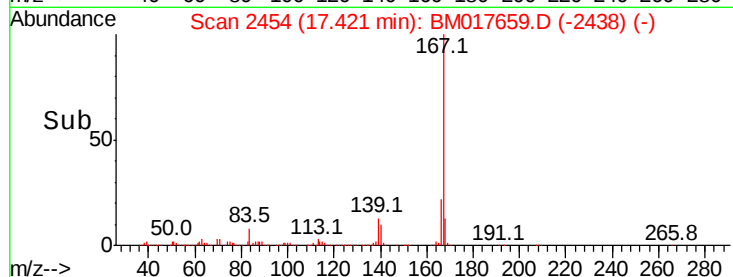
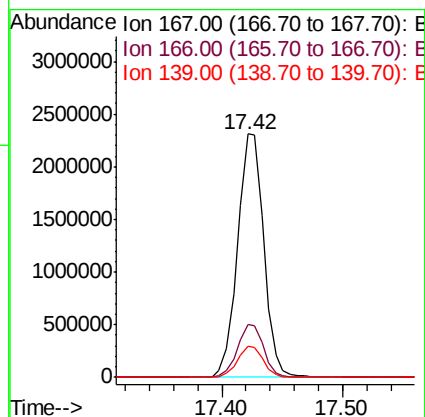
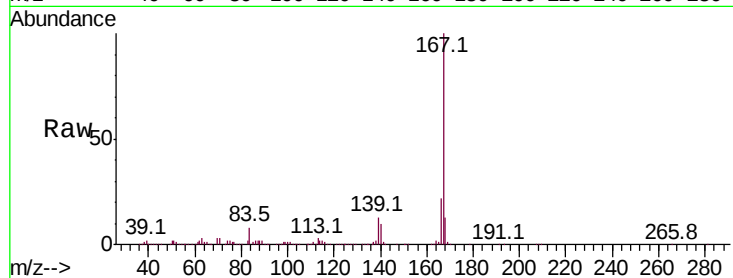
139 13.0 10.2 15.4

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#74

Di-n-butylphthalate

Concen: 54.027 ng

RT: 17.99 min Scan# 2551

Delta R.T. 0.00 min

Lab File: BM017659.D

Acq: 14 Nov 2018 22:15

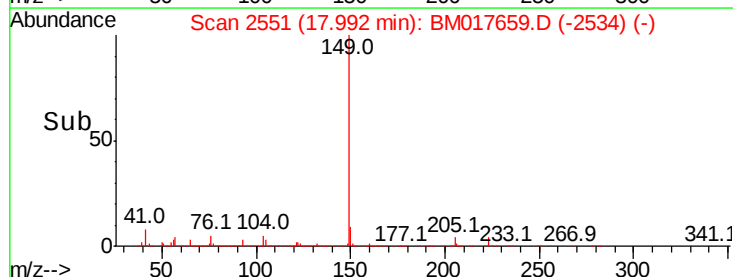
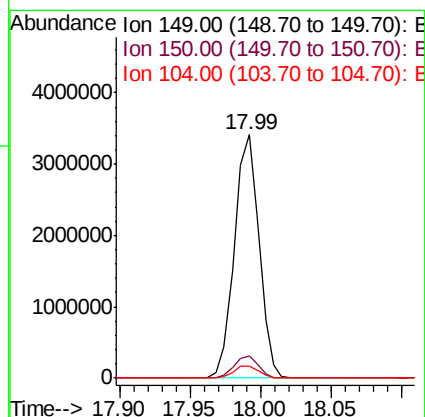
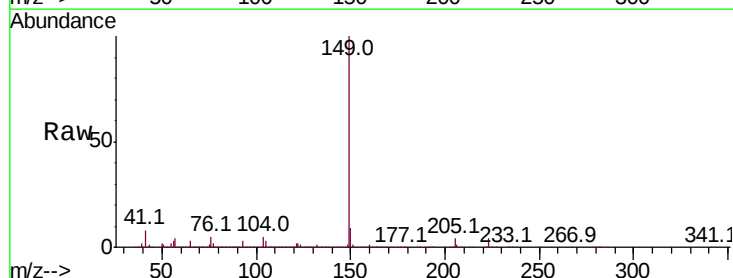
Tgt Ion:149 Resp: 4150266

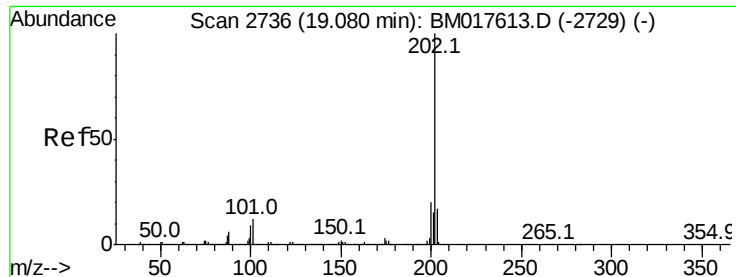
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

104 5.1 4.3 6.5





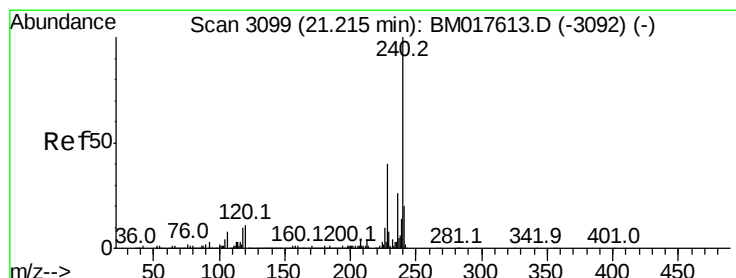
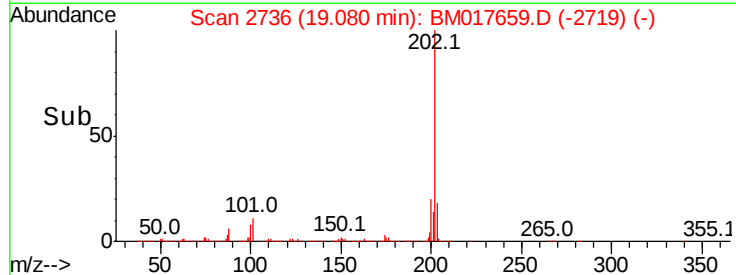
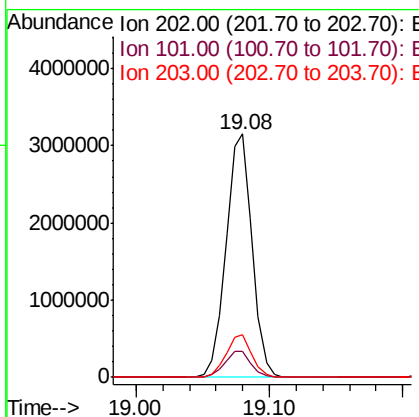
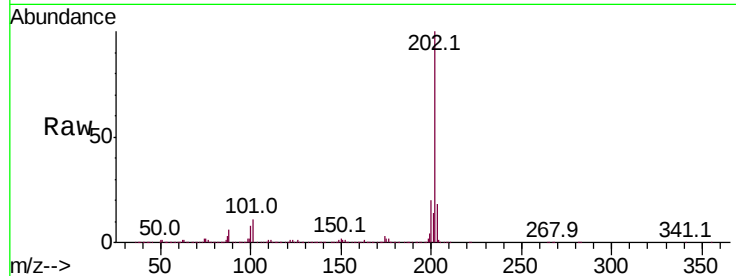
#75
 Fluoranthene
 Concen: 54.005 ng
 RT: 19.08 min Scan# 2736
 Delta R.T. -0.00 min
 Lab File: BM017659.D
 Acq: 14 Nov 2018 22:15

Instrument :
 BNA_M
 ClientSampleId :
 WALL-DMSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	31.5
203	17.6	0.0	37.2

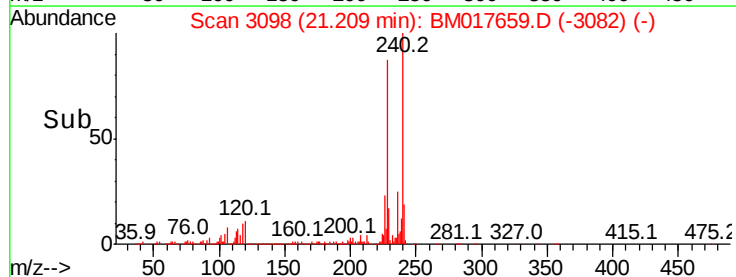
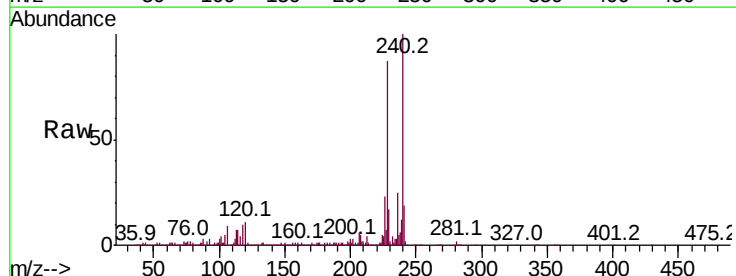
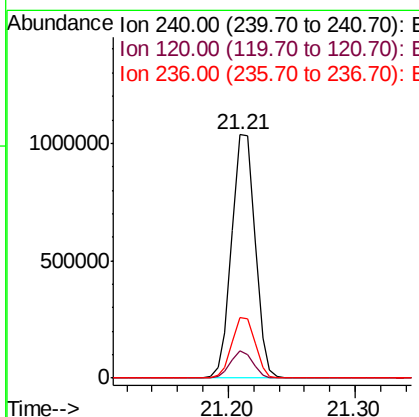
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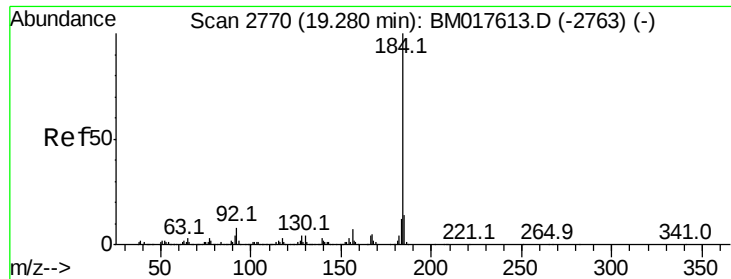
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.21 min Scan# 3098
 Delta R.T. -0.01 min
 Lab File: BM017659.D
 Acq: 14 Nov 2018 22:15

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.5	12.7
236	24.8	20.4	30.6





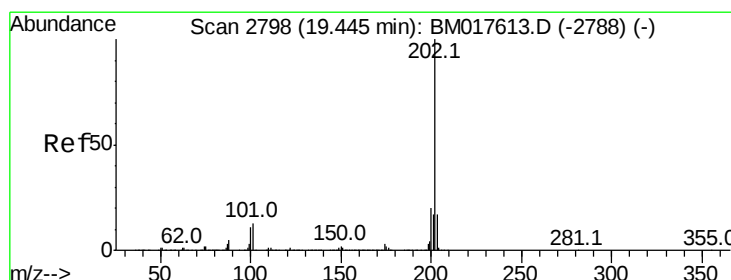
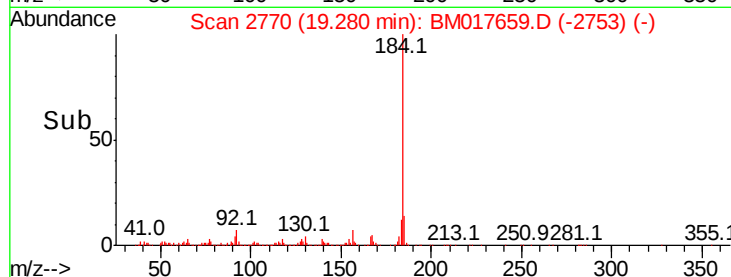
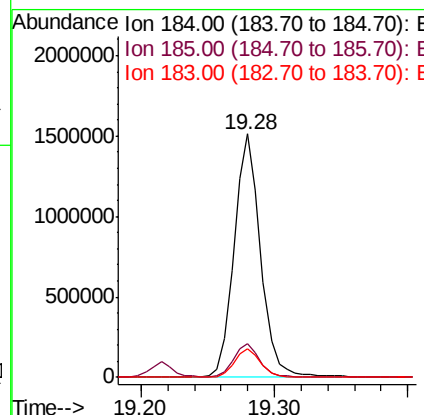
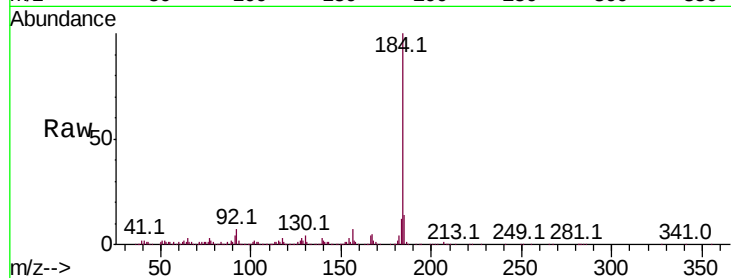
#77
Benzidine
Concen: 48.574 ng
RT: 19.28 min Scan# 2770
Delta R.T. 0.00 min
Lab File: BM017659.D
Acq: 14 Nov 2018 22:15

Instrument :
BNA_M
ClientSampleId :
WALL-DMSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.2	16.8
183	11.8	9.5	14.3

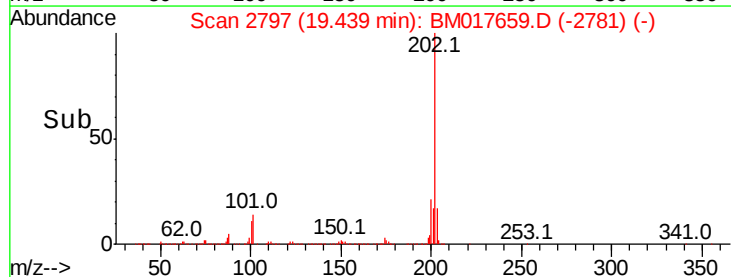
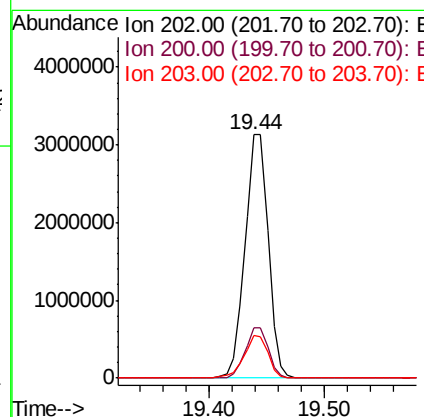
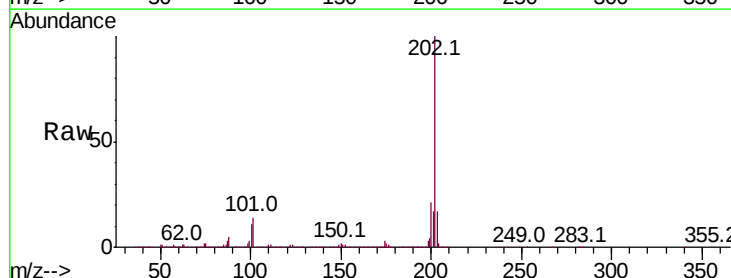
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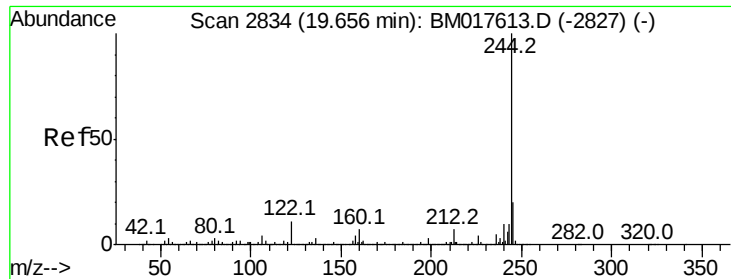
Sohil
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#78
Pyrene
Concen: 53.720 ng
RT: 19.44 min Scan# 2797
Delta R.T. -0.01 min
Lab File: BM017659.D
Acq: 14 Nov 2018 22:15

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.4	24.6
203	17.4	13.8	20.8





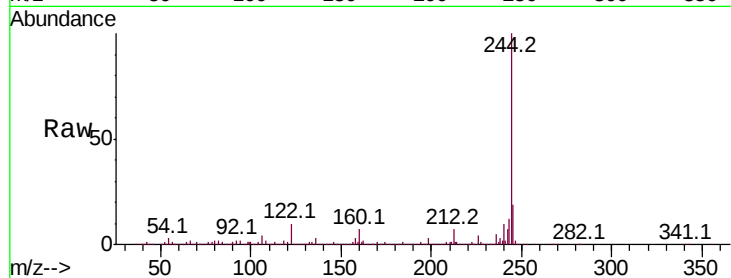
#79
 Terphenyl-d14
 Concen: 111.835 ng
 RT: 19.66 min Scan# 2834
 Delta R.T. -0.00 min
 Lab File: BM017659.D
 Acq: 14 Nov 2018 22:15

Instrument :
 BNA_M
 ClientSampleId :
 WALL-DMSD

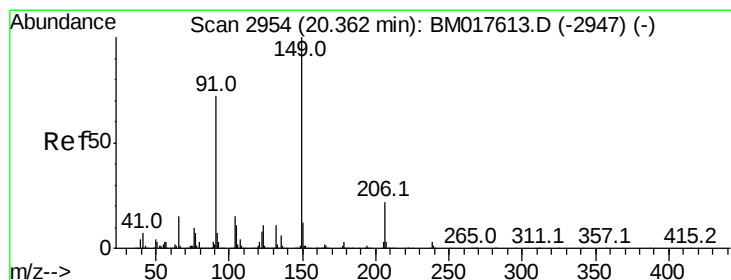
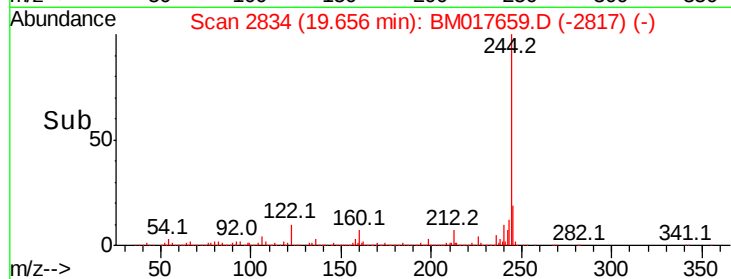
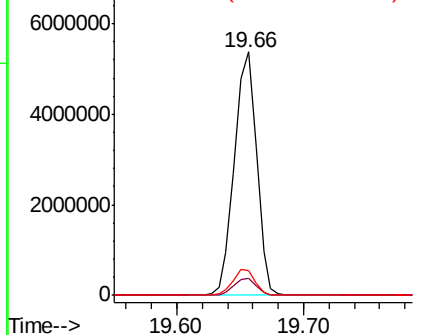
Tot Ion:244 Resp: 6517323
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 10.4 9.0 13.6

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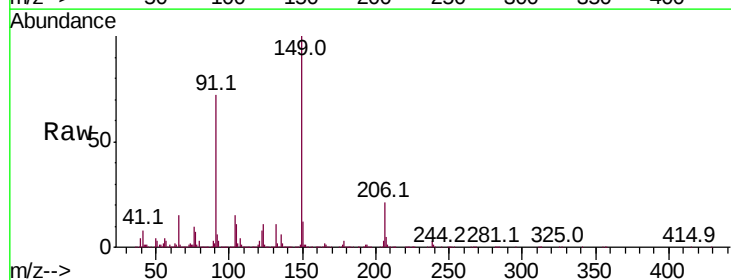


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

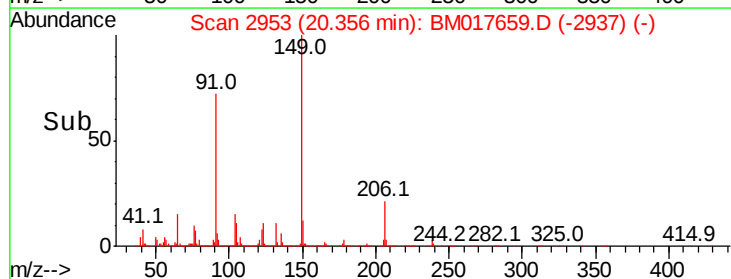
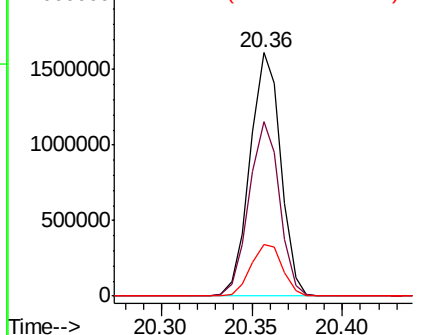


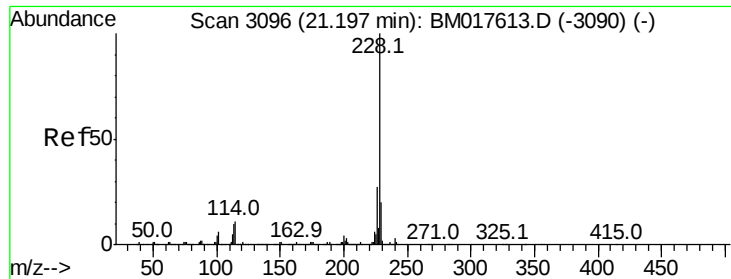
#80
 Butylbenzylphthalate
 Concen: 57.241 ng
 RT: 20.36 min Scan# 2953
 Delta R.T. -0.01 min
 Lab File: BM017659.D
 Acq: 14 Nov 2018 22:15

Tgt Ion:149 Resp: 1894653
 Ion Ratio Lower Upper
 149 100
 91 71.8 57.6 86.4
 206 21.4 17.4 26.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BM0
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 54.363 ng

RT: 21.20 min Scan# 3096

Delta R.T. 0.00 min

Lab File: BM017659.D

Acq: 14 Nov 2018 22:15

Instrument :

BNA_M

ClientSampleId :

WALL-DMSD

Tot Ion:228 Resp: 4136595

Ion Ratio Lower Upper

228 100

226 27.0 21.3 31.9

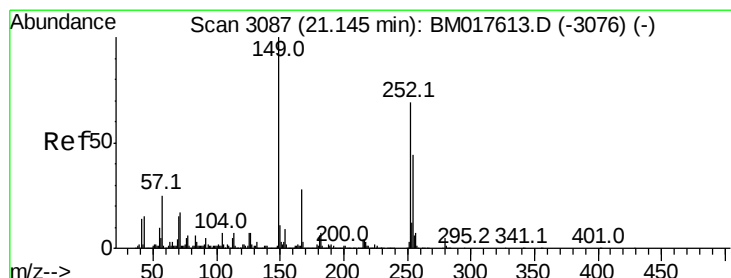
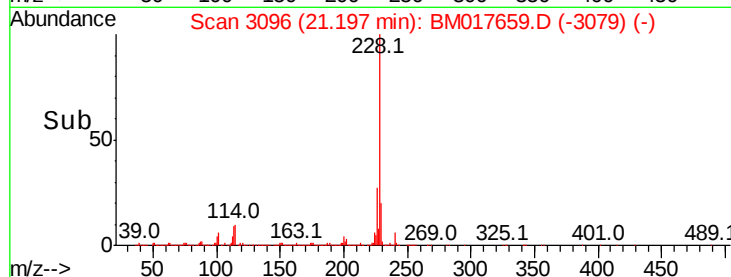
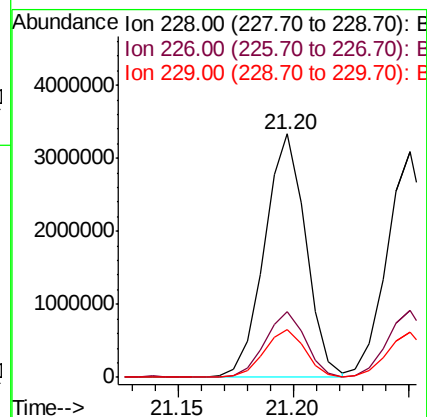
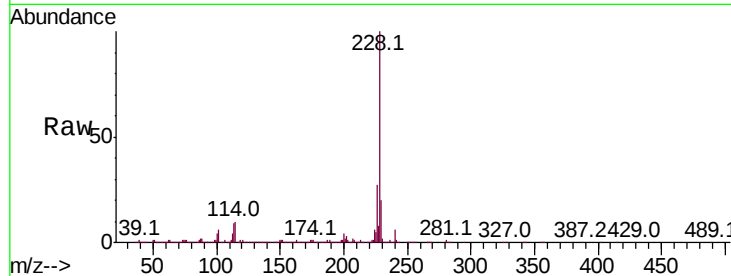
229 19.6 16.0 24.0

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#82

3,3'-Dichlorobenzidine

Concen: 36.922 ng

RT: 21.14 min Scan# 3086

Delta R.T. -0.01 min

Lab File: BM017659.D

Acq: 14 Nov 2018 22:15

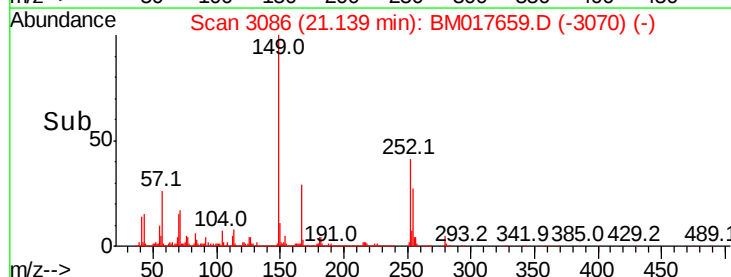
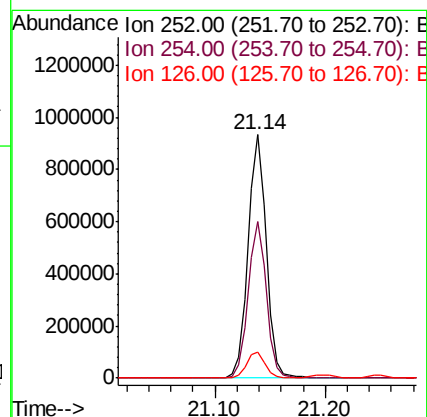
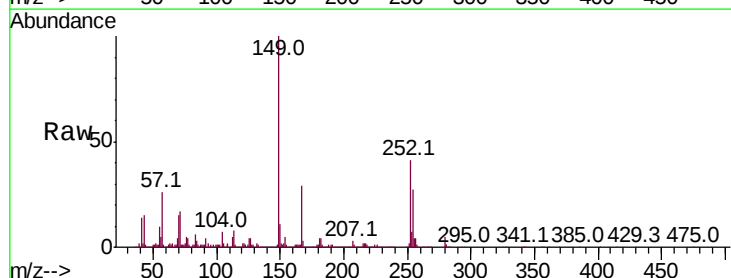
Tgt Ion:252 Resp: 1084309

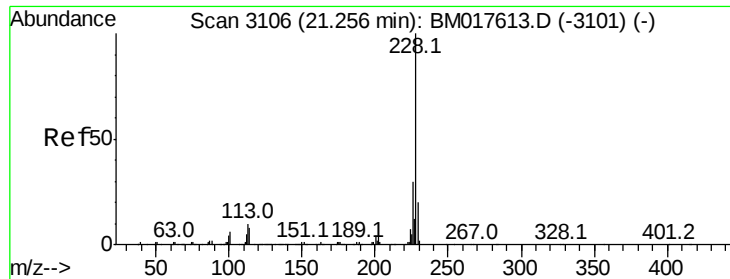
Ion Ratio Lower Upper

252 100

254 64.1 51.4 77.2

126 10.8 8.0 12.0





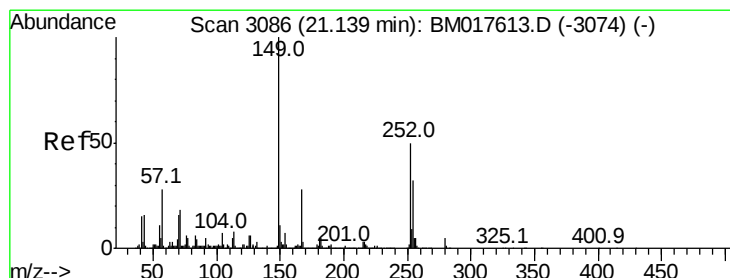
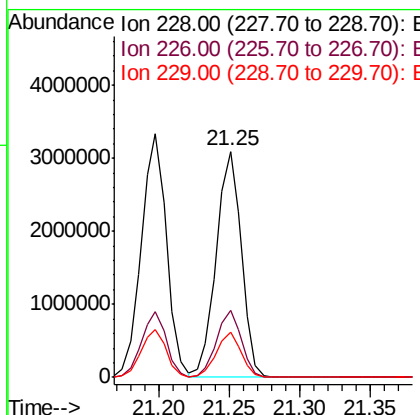
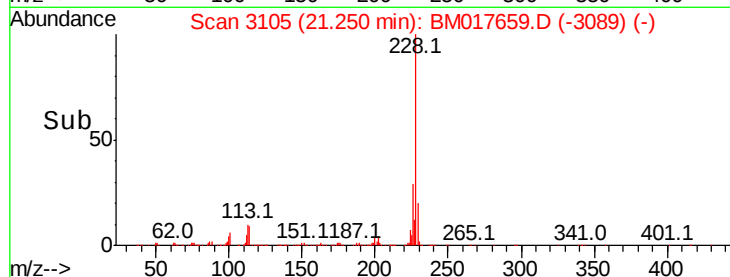
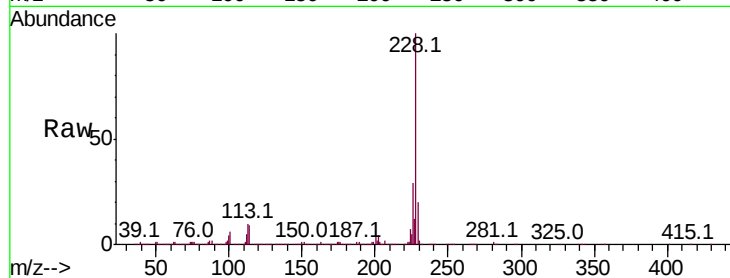
#83
Chrysene
Concen: 51.838 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BM017659.D
Acq: 14 Nov 2018 22:15

Instrument :
BNA_M
ClientSampleId :
WALL-DMSD

Tot Ion:228 Resp: 3831164
Ion Ratio Lower Upper
228 100
226 29.4 23.6 35.4
229 20.0 15.8 23.6

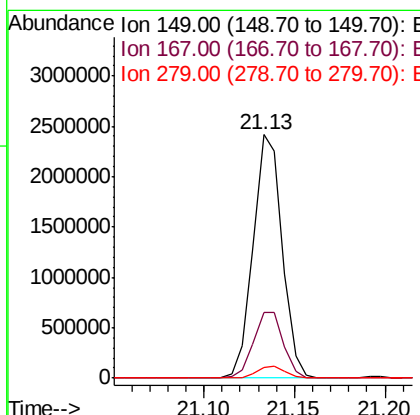
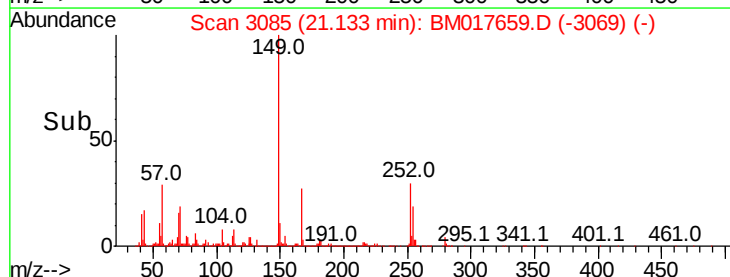
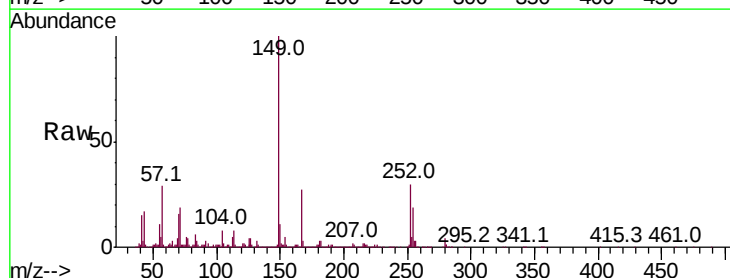
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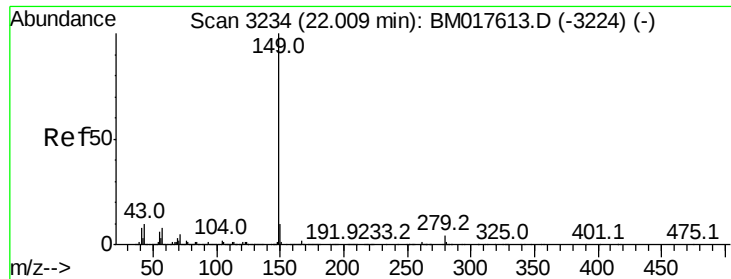
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#84
Bis(2-ethylhexyl)phthalate
Concen: 54.616 ng
RT: 21.13 min Scan# 3085
Delta R.T. -0.01 min
Lab File: BM017659.D
Acq: 14 Nov 2018 22:15

Tgt Ion:149 Resp: 2672487
Ion Ratio Lower Upper
149 100
167 27.2 22.2 33.4
279 4.4 3.7 5.5





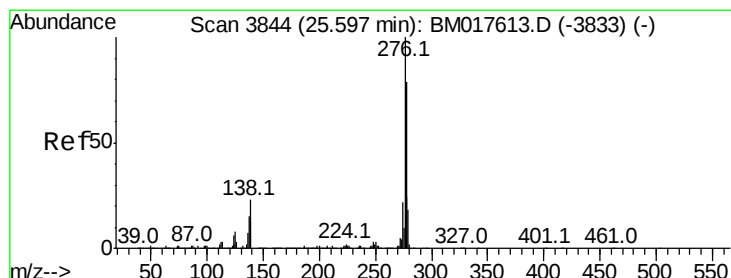
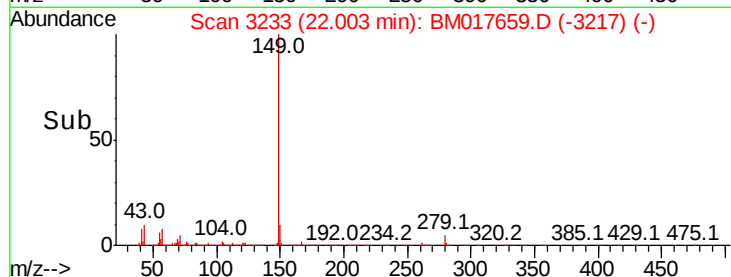
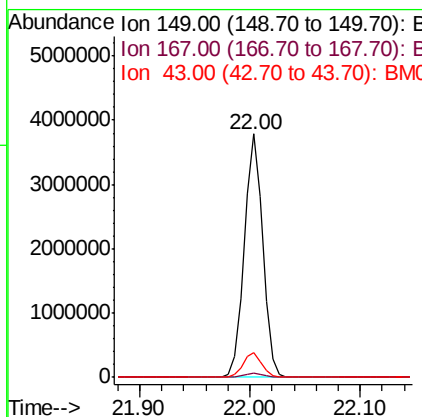
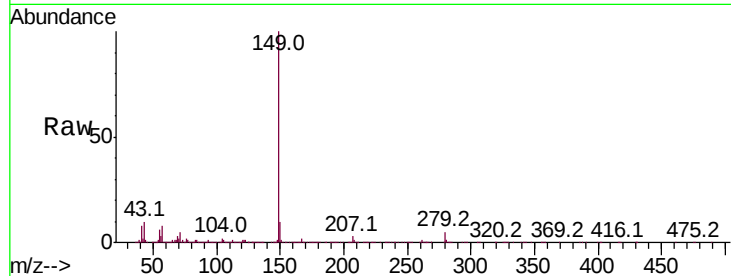
#85
Di-n-octyl phthalate
Concen: 56.680 ng
RT: 22.00 min Scan# 3233
Delta R.T. -0.01 min
Lab File: BM017659.D
Acq: 14 Nov 2018 22:15

Instrument :
BNA_M
ClientSampleId :
WALL-DMSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.2	8.3	12.5

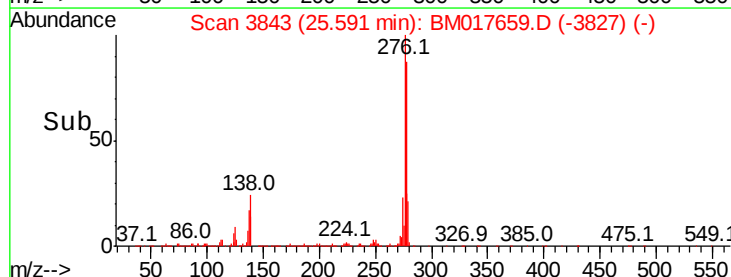
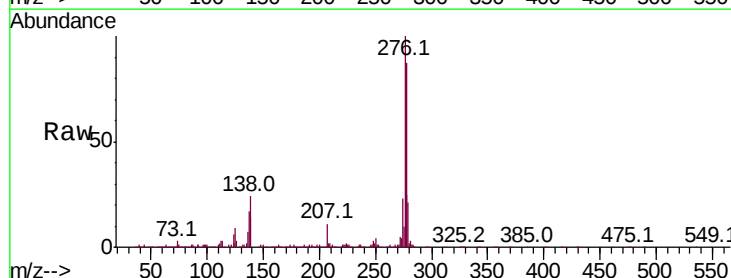
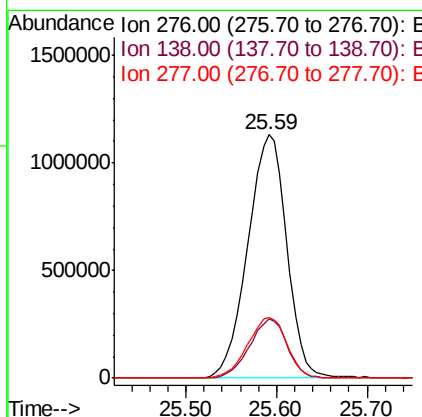
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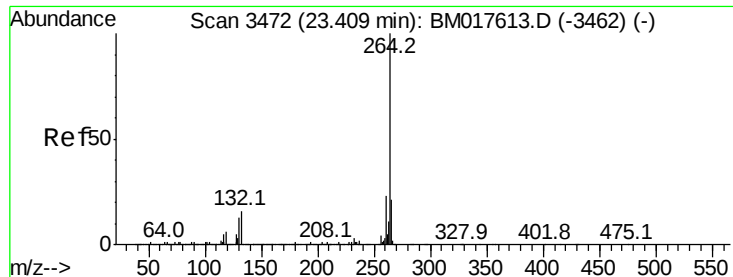
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#86
Indeno(1,2,3-cd)pyrene
Concen: 57.004 ng
RT: 25.59 min Scan# 3843
Delta R.T. -0.01 min
Lab File: BM017659.D
Acq: 14 Nov 2018 22:15

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.6	19.1	28.7
277	25.3	20.0	30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.40 min Scan# 3471

Delta R.T. -0.01 min

Lab File: BM017659.D

Acq: 14 Nov 2018 22:15

Instrument :

BNA_M

ClientSampleId :

WALL-DMSD

Tot Ion:264 Resp: 1124097

Ion Ratio Lower Upper

264 100

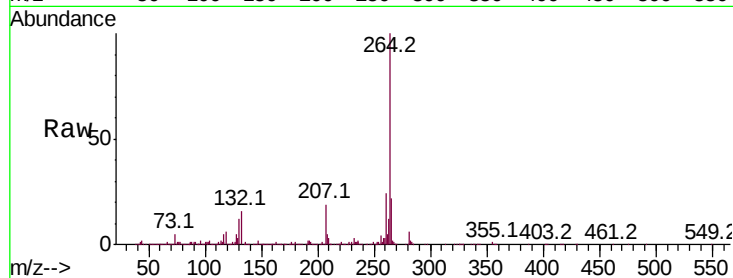
260 23.6 18.2 27.2

265 22.0 17.5 26.3

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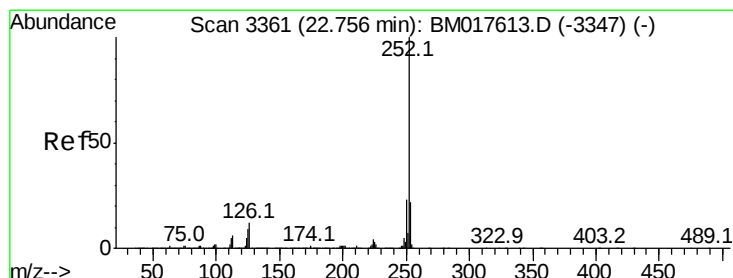
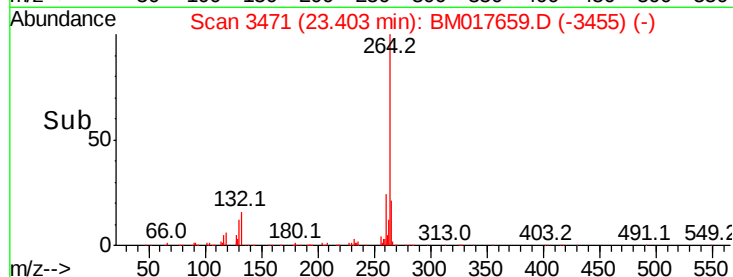
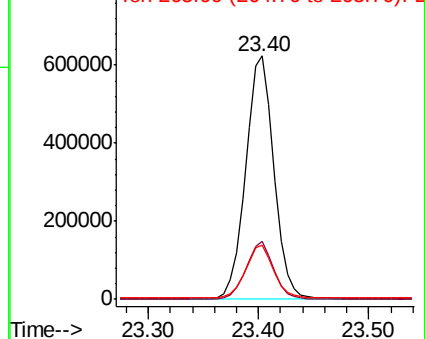


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 53.793 ng

RT: 22.75 min Scan# 3360

Delta R.T. -0.01 min

Lab File: BM017659.D

Acq: 14 Nov 2018 22:15

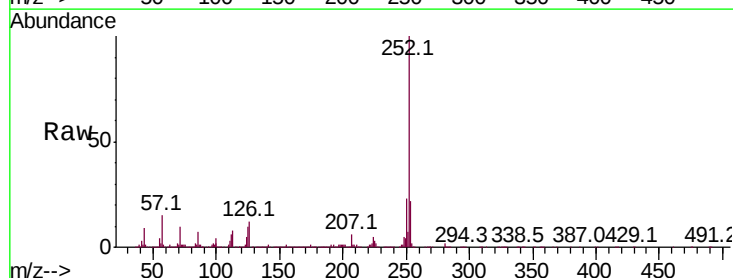
Tgt Ion:252 Resp: 3541221

Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 10.0 7.6 11.4

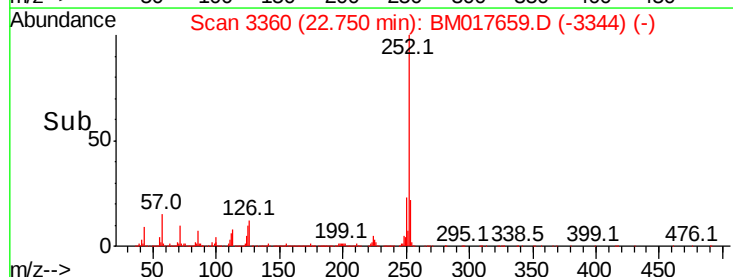
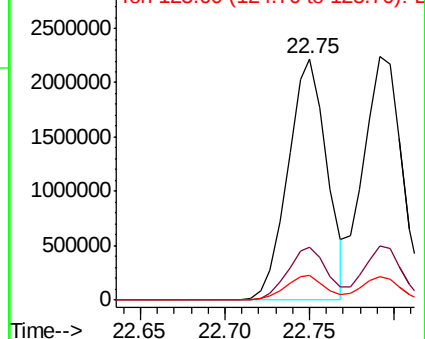


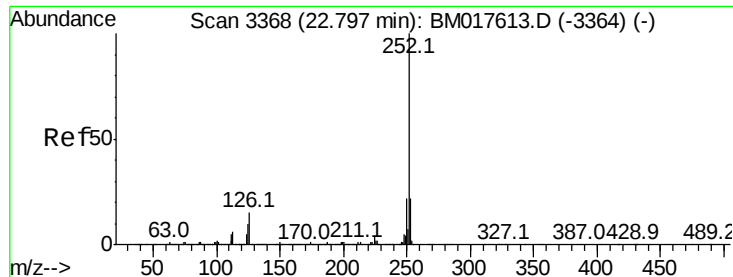
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





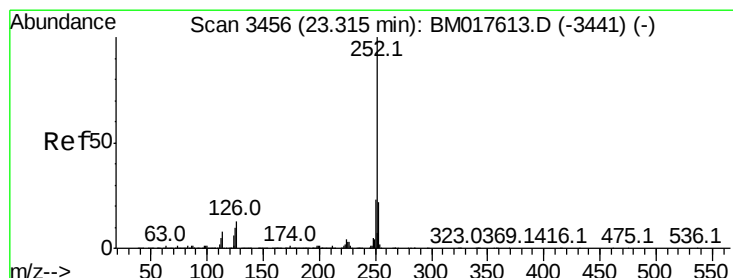
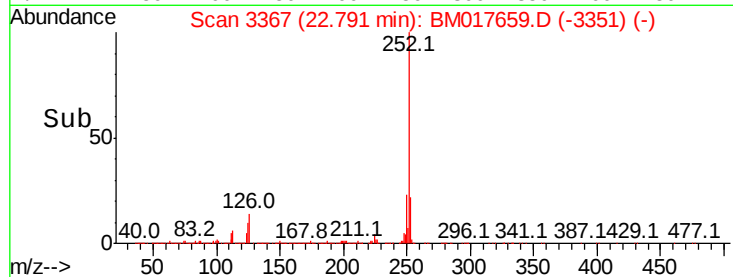
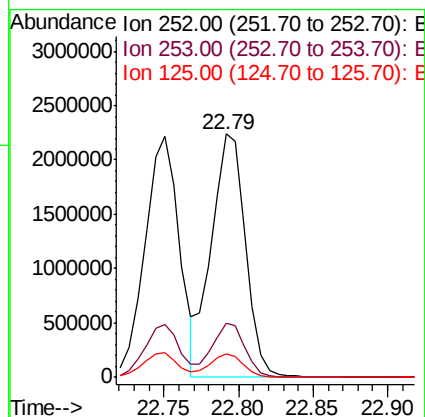
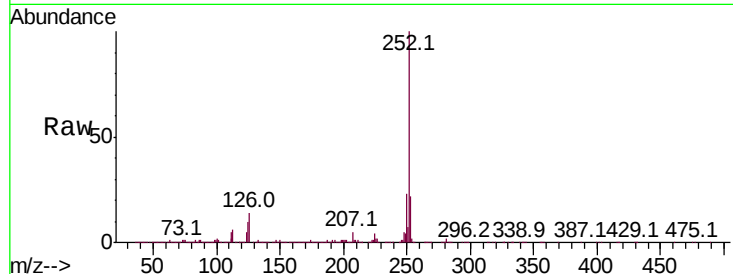
#89
Benzo(k)fluoranthene
Concen: 53.690 ng
RT: 22.79 min Scan# 3367
Delta R.T. -0.01 min
Lab File: BM017659.D
Acq: 14 Nov 2018 22:15

Instrument :
BNA_M
ClientSampleId :
WALL-DMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	9.8	7.9	11.9

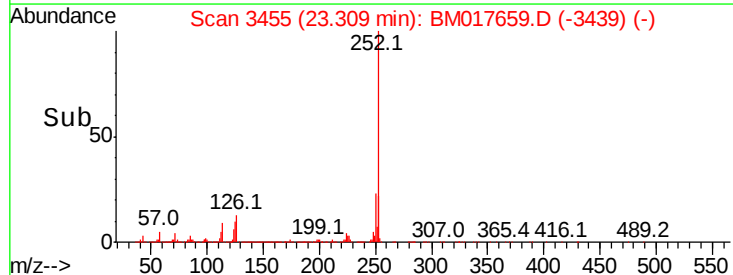
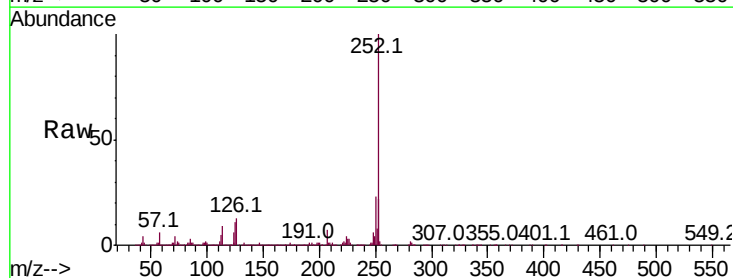
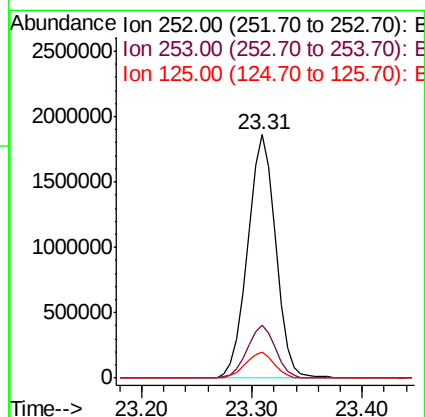
Manual Integrations
APPROVED

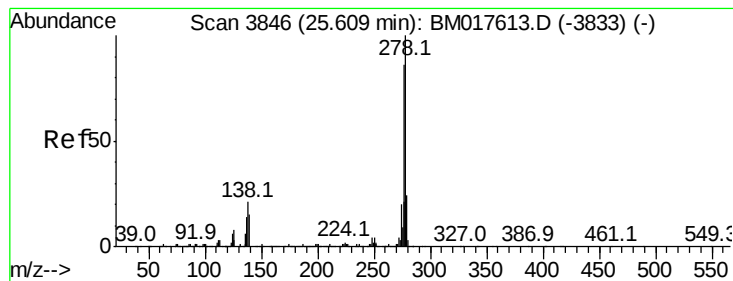
Sohil
11/15/2018 4:20:29 PM



#90
Benzo(a)pyrene
Concen: 55.353 ng
RT: 23.31 min Scan# 3455
Delta R.T. -0.01 min
Lab File: BM017659.D
Acq: 14 Nov 2018 22:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	10.5	8.2	12.2





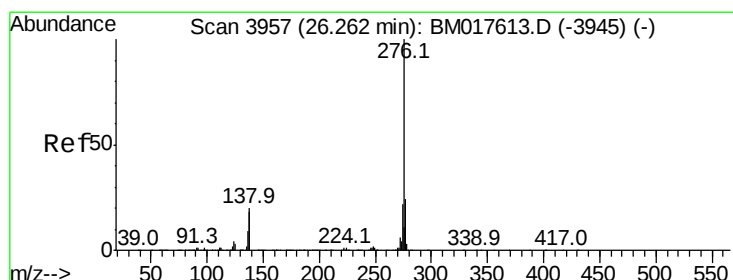
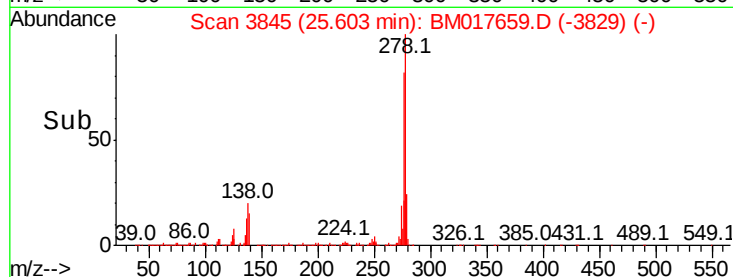
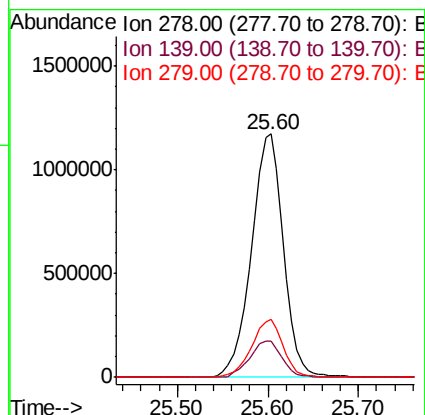
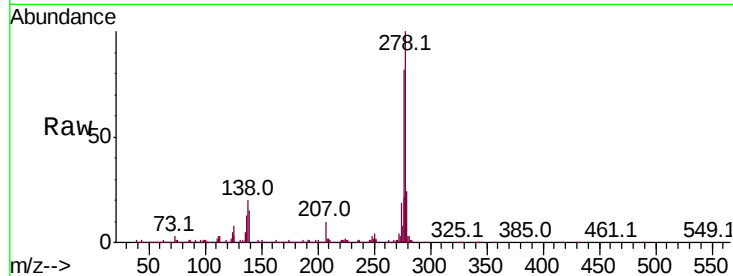
#91
Dibenzo(a,h)anthracene
Concen: 56.807 ng
RT: 25.60 min Scan# 3845
Delta R.T. -0.01 min
Lab File: BM017659.D
Acq: 14 Nov 2018 22:15

Instrument :
BNA_M
ClientSampleId :
WALL-DMSD

Tot	Ion:278	Resp: 2866634	
Ion	Ratio	Lower	Upper
278	100		
139	14.8	11.8	17.6
279	23.8	19.0	28.6

Manual Integrations
APPROVED

Sohil
11/15/2018 4:20:29 PM



#92
Benzo(g,h,i)perylene
Concen: 57.342 ng
RT: 26.26 min Scan# 3956
Delta R.T. -0.01 min
Lab File: BM017659.D
Acq: 14 Nov 2018 22:15

Tgt	Ion:276	Resp: 2721082	
Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.0	28.4
138	18.9	15.9	23.9

