

Data File : BM017693.D
Acq On : 19 Nov 2018 21:26
Operator : MJ/SJ
Sample : SSTD16056
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD16056

Quant Time: Nov 20 00:25:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 20 00:20:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	218147	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	1016792	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	616074	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	1398837	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	1323720	20.00	ng/ul	0.00
85) Perylene-d12	23.40	264	1036817	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	288302	51.39	ng/uL	0.00
5) Phenol-d5	6.80	99	3436225	169.78	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.96	67	1954925	171.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	2759925	182.61	ng/ul	0.01
13) 4-Methylphenol-d8	8.33	113	2746504	176.62	ng/ul	0.02
19) Nitrobenzene-d5	8.77	128	1344308	178.59	ng/ul	0.02
22) 2-Nitrophenol-d4	9.48	143	1615974	198.72	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.02	165	2915410	187.78	ng/ul	0.02
29) 4-Chloroaniline-d4	10.53	131	2240141	165.56	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	8523307	179.36	ng/ul	0.02
46) Acenaphthylene-d8	13.94	160	10598828	169.89	ng/ul	0.01
51) 4-Nitrophenol-d4	14.51	143	1682648	195.94	ng/ul	0.04
57) Fluorene-d10	15.26	176	7266678	167.90	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.41	200	1812499	203.84	ng/ul	0.03
70) Anthracene-d10	17.12	188	11097154	166.79	ng/ul	0.02
78) Pyrene-d10	19.42	212	11620568	168.04	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.27	264	9382985	167.85	ng/ul	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.22	88	303257	50.646	ng/uL	93
4) Benzaldehyde	6.76	77	515640	134.255	ng/ul	94
6) Phenol	6.83	94	3396386	166.946	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.05	93	2481968	171.720	ng/ul	98
10) 2-Chlorophenol	7.18	128	2728112	177.845	ng/ul	98
11) 2-Methylphenol	8.06	108	2584709	176.549	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.14	45	2889696	178.416	ng/ul	99
14) Acetophenone	8.44	105	4161713	174.109	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.45	70	2203504	197.694	ng/ul	99
16) 4-Methylphenol	8.41	108	2749150	174.016	ng/ul	95
17) Hexachloroethane	8.66	117	1061198	171.249	ng/ul	95
20) Nitrobenzene	8.81	77	3135600	157.341	ng/ul	96
21) Isophorone	9.35	82	5974122	188.458	ng/ul	99
23) 2-Nitrophenol	9.51	139	1641731	189.854	ng/ul	96
24) 2,4-Dimethylphenol	9.58	107	3195828	169.281	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.82	93	3575720	179.877	ng/ul	99
27) 2,4-Dichlorophenol	10.04	162	2768992	181.288	ng/ul	99
28) Naphthalene	10.43	128	8499748	160.301	ng/ul	100
30) 4-Chloroaniline	10.55	127	2293392	165.082	ng/ul	97
31) Hexachlorobutadiene	10.70	225	1715171	166.445	ng/ul	98
32) Caprolactam	11.41	113	508728	109.188	ng/ul	99
33) 4-Chloro-3-methylphenol	11.70	107	3057375	191.520	ng/ul	99
34) 2-Methylnaphthalene	12.05	142	6417633	175.273	ng/ul	98

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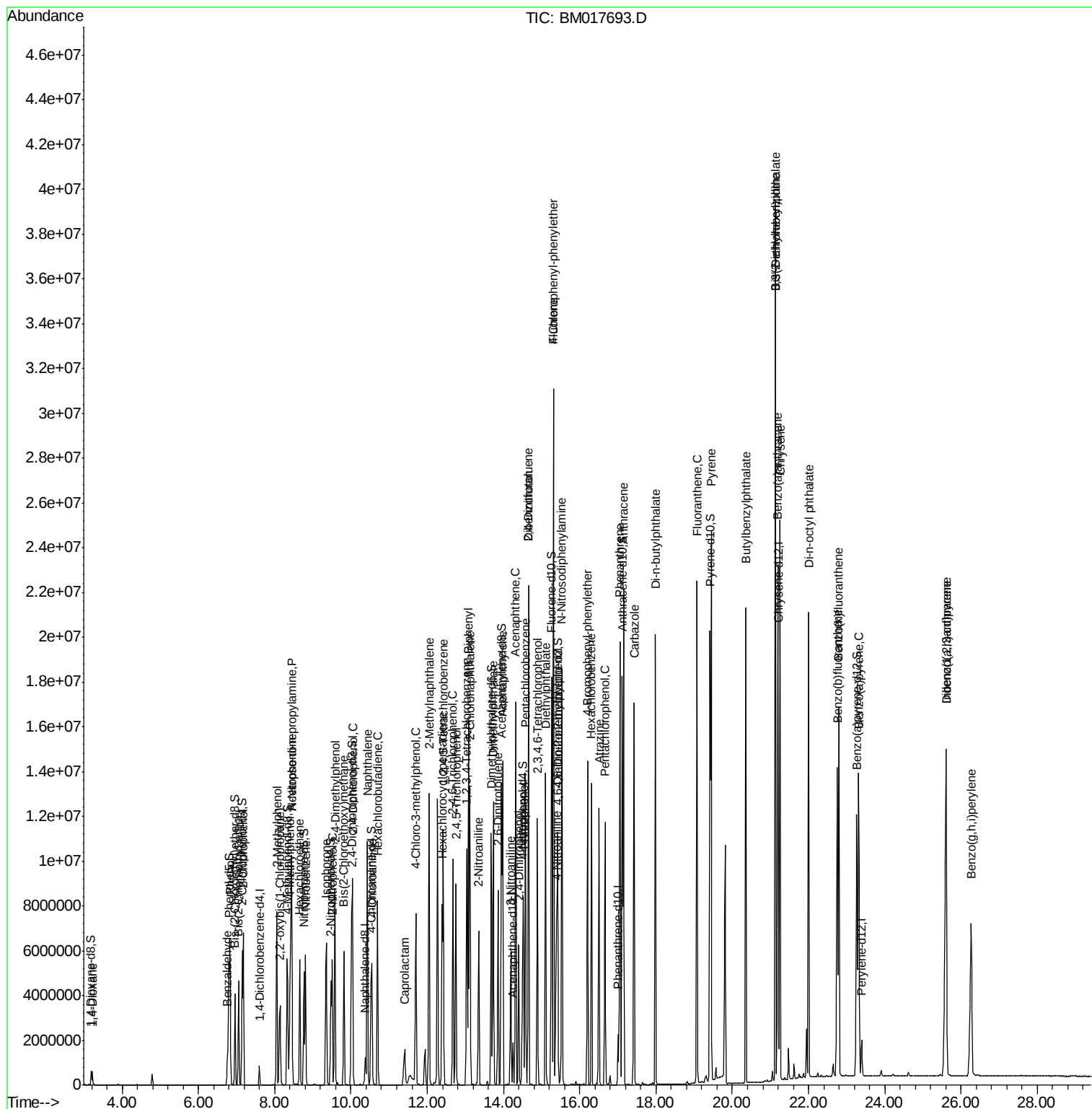
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.42	216	3380004	158.488	ng/ul	98
37) Hexachlorocyclopentadiene	12.39	237	2376176	198.380	ng/ul	98
38) 2,4,6-Trichlorophenol	12.67	196	2297047	185.621	ng/ul	98
39) 2,4,5-Trichlorophenol	12.76	196	2463842	178.876	ng/ul	99
40) 1,1'-Biphenyl	13.08	154	8198362	160.950	ng/ul	99
41) 2-Chloronaphthalene	13.12	162	6445748	157.971	ng/ul	99
42) 2-Nitroaniline	13.35	65	2044330	185.950	ng/ul	99
44) Dimethylphthalate	13.73	163	8147632	174.346	ng/ul	100
45) 2,6-Dinitrotoluene	13.86	165	1843485	205.502	ng/ul	94
47) Acenaphthylene	13.98	152	9857273	166.307	ng/ul	99
48) 3-Nitroaniline	14.19	138	1585681	172.628	ng/ul	94
49) Acenaphthene	14.32	153	7023105	160.457	ng/ul	99
50) 2,4-Dinitrophenol	14.40	184	1338172	247.176	ng/ul	97
52) 4-Nitrophenol	14.53	109	1319732	171.452	ng/ul	96
53) Dibenzofuran	14.66	168	9726119	160.424	ng/ul	99
54) 2,4-Dinitrotoluene	14.66	165	2644632	201.154	ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	14.89	232	2264358	199.831	ng/ul	99
56) Diethylphthalate	15.11	149	8423300	192.969	ng/ul	97
58) Fluorene	15.32	166	8149448	168.264	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.31	204	4171107	174.813	ng/ul	99
60) 4-Nitroaniline	15.39	138	1907181	190.743	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.43	198	1811980	195.559	ng/ul#	87
64) N-Nitrosodiphenylamine	15.53	169	7107433	167.447	ng/ul	96
65) 4-Bromophenyl-phenylether	16.20	248	2719189	182.673	ng/ul	96
66) Hexachlorobenzene	16.32	284	2916288	165.149	ng/ul	97
67) Atrazine	16.50	200	2580508	190.200	ng/ul	99
68) Pentachlorophenol	16.66	266	1959585	205.727	ng/ul	98
69) Phenanthrene	17.06	178	12445303	154.200	ng/ul	97
71) Anthracene	17.15	178	12482351	155.056	ng/ul	94
72) 1,2,3,4-Tetrachlorobenzene	13.04	216	3319703	147.111	ng/uL	99
73) Pentachlorobenzene	14.57	250	3397634	156.651	ng/uL	100
74) Carbazole	17.43	167	11399984	157.310	ng/ul	98
75) Di-n-butylphthalate	17.99	149	12673508	200.931	ng/ul#	89
76) Fluoranthene	19.07	202	13516102	149.586	ng/ul#	92
79) Pyrene	19.44	202	12916593	145.686	ng/ul#	84
80) Butylbenzylphthalate	20.36	149	6382911	264.070	ng/ul	97
81) 3,3'-Dichlorobenzidine	21.14	252	4387277	183.530	ng/ul	99
82) Benzo(a)anthracene	21.20	228	12389422	155.681	ng/ul	95
83) Bis(2-ethylhexyl)phthalate	21.13	149	8911851	296.401	ng/ul	97
84) Chrysene	21.25	228	11246171	142.138	ng/ul	91
86) Di-n-octyl phthalate	22.00	149	12202139	271.696	ng/ul	100
87) Benzo(b)fluoranthene	22.75	252	10929212	172.296	ng/ul	97
88) Benzo(k)fluoranthene	22.80	252	10103208	159.908	ng/ul	98
90) Benzo(a)pyrene	23.31	252	9983696	162.027	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.60	276	10532430	169.490	ng/ul#	95
92) Dibenzo(a,h)anthracene	25.61	278	8861156	171.549	ng/ul	98
93) Benzo(g,h,i)perylene	26.27	276	8666938	161.273	ng/ul	99

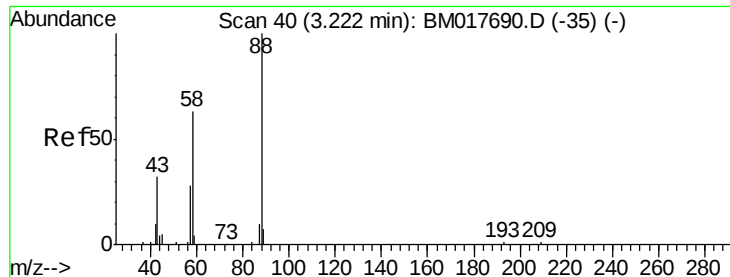
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#2

1,4-Dioxane

Concen: 50.646 ng/uL

RT: 3.22 min Scan# 39

Delta R.T. -0.01 min

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Instrument :

BNA_M

ClientSampleId :

SSTD16056

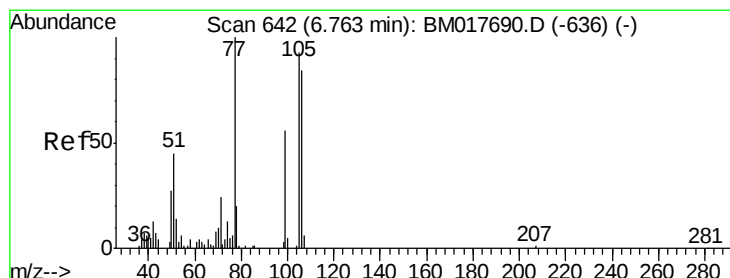
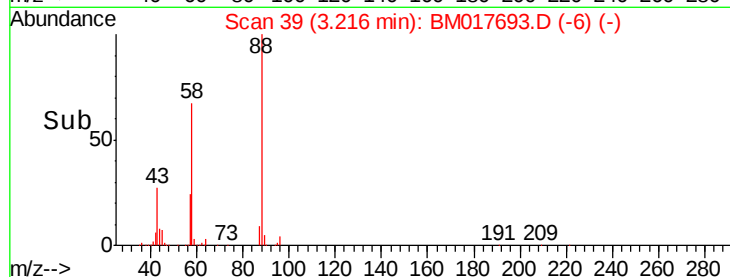
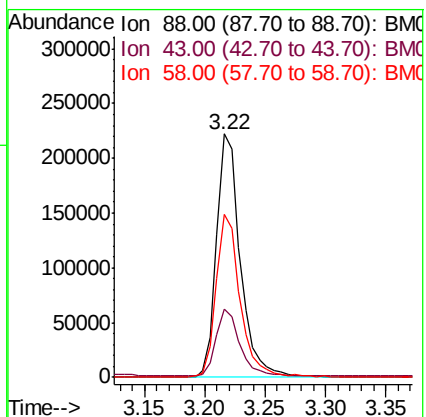
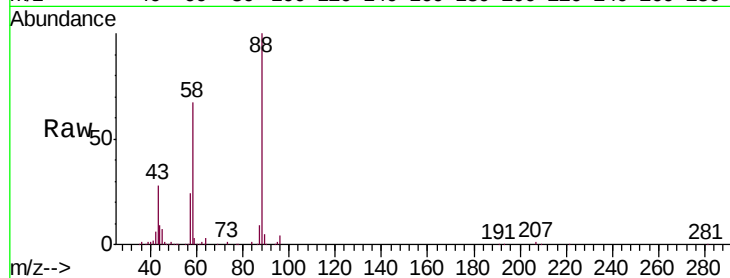
Tgt Ion: 88 Resp: 303257

Ion Ratio Lower Upper

88 100

43 28.1 27.4 41.0

58 67.0 50.2 75.4



#4

Benzaldehyde

Concen: 134.255 ng/uL

RT: 6.76 min Scan# 642

Delta R.T. -0.00 min

Lab File: BM017693.D

Acq: 19 Nov 2018 21:26

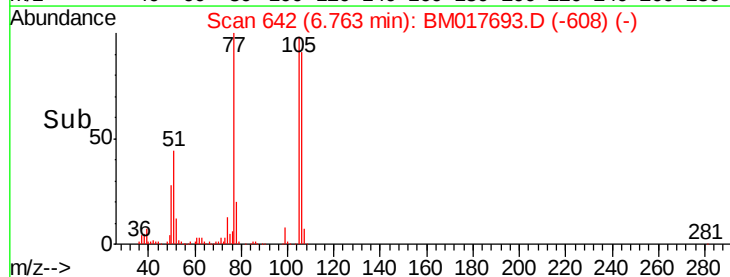
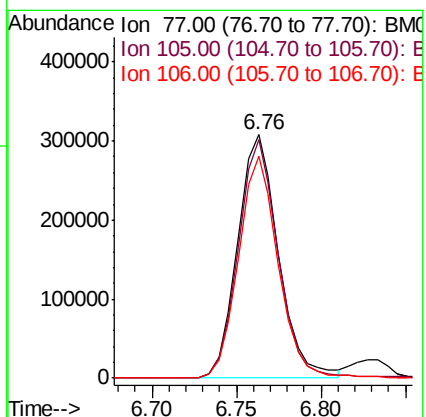
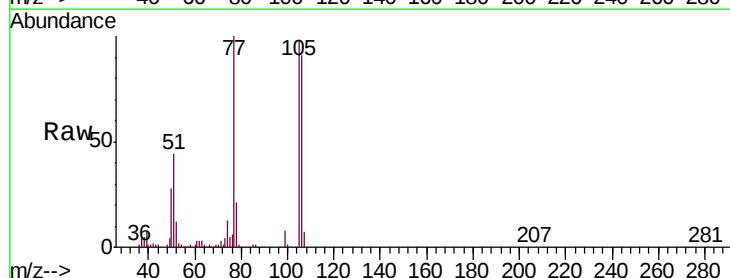
Tgt Ion: 77 Resp: 515640

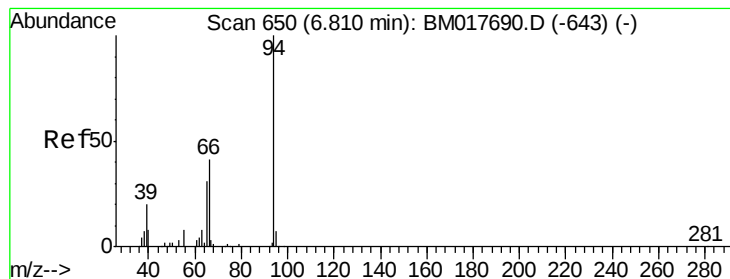
Ion Ratio Lower Upper

77 100

105 97.7 74.4 111.6

106 91.3 67.4 101.2





#6

Phenol

Concen: 166.946 ng/ul

RT: 6.83 min Scan# 654

Delta R.T. 0.02 min

Lab File: BM017693.D

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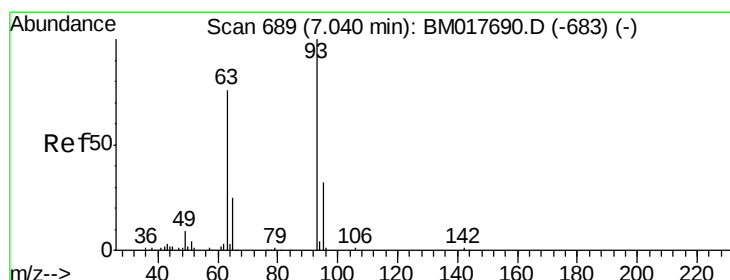
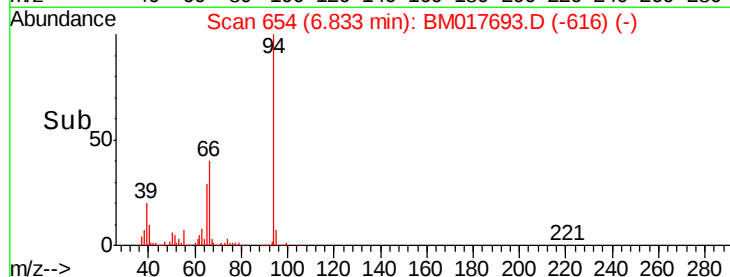
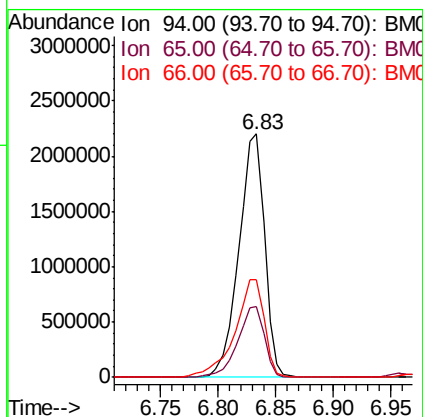
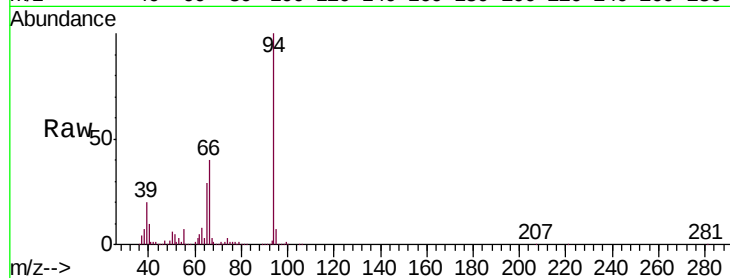
Tgt Ion: 94 Resp: 3396386

Ion Ratio Lower Upper

94 100

65 29.2 24.7 37.1

66 40.0 34.6 51.8



#8

Bis(2-Chloroethyl)ether

Concen: 171.720 ng/ul

RT: 7.05 min Scan# 691

Delta R.T. 0.01 min

Lab File: BM017693.D

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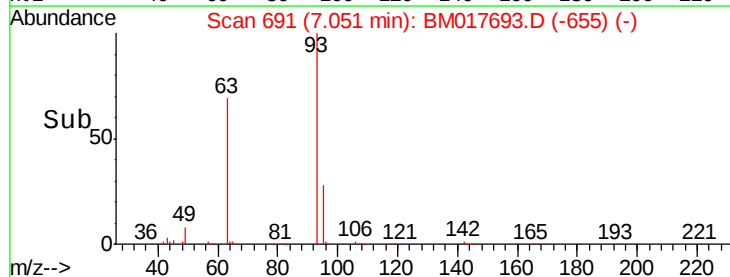
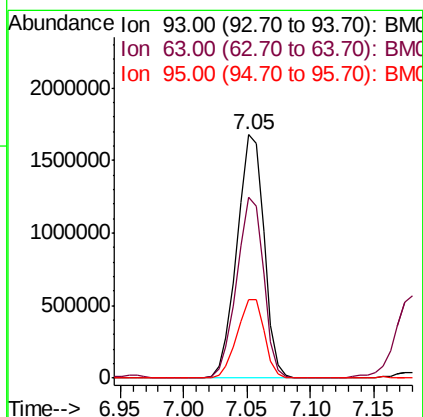
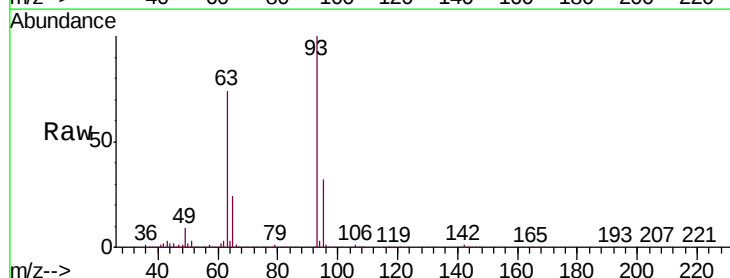
Tgt Ion: 93 Resp: 2481968

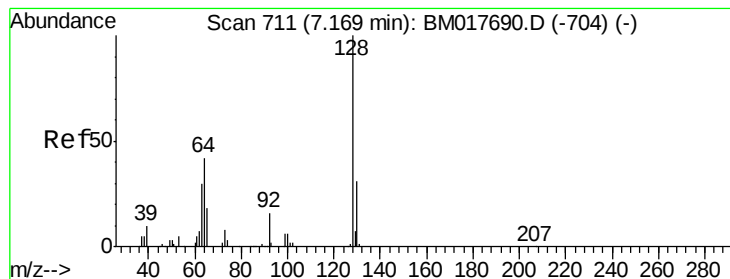
Ion Ratio Lower Upper

93 100

63 74.2 60.6 90.8

95 32.3 25.4 38.2

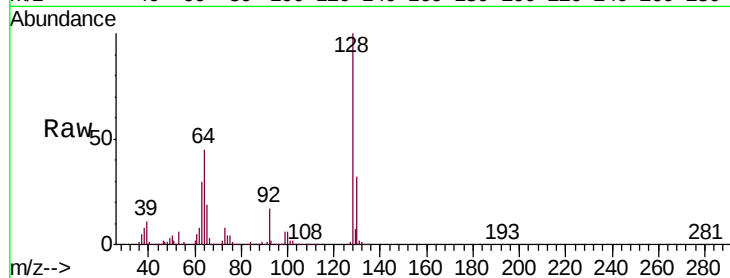




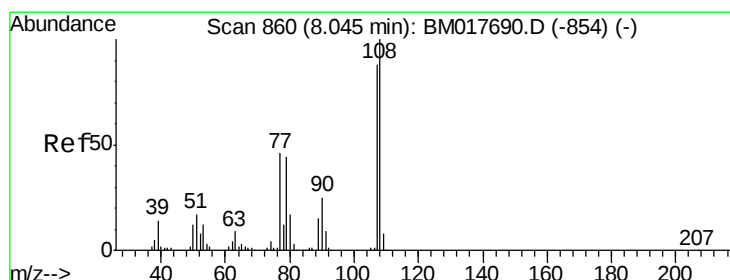
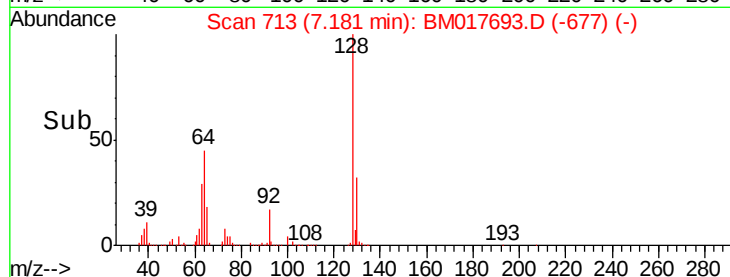
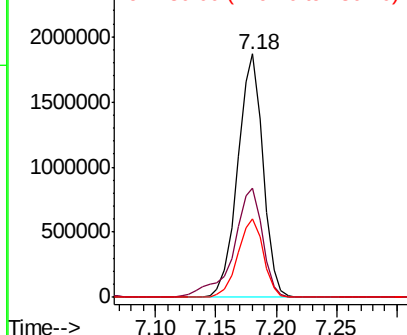
#10
 2-Chlorophenol
 Concen: 177.845 ng/ul
 RT: 7.18 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: BM017693.D
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Tgt Ion:128 Resp: 2728112
 Ion Ratio Lower Upper
 128 100
 64 44.8 36.8 55.2
 130 32.4 25.0 37.4

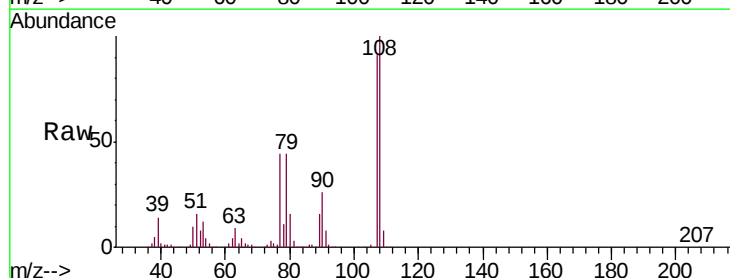


Abundance Ion 128.00 (127.70 to 128.70): E
 2500000 Ion 64.00 (63.70 to 64.70): BM
 Ion 130.00 (129.70 to 130.70): E

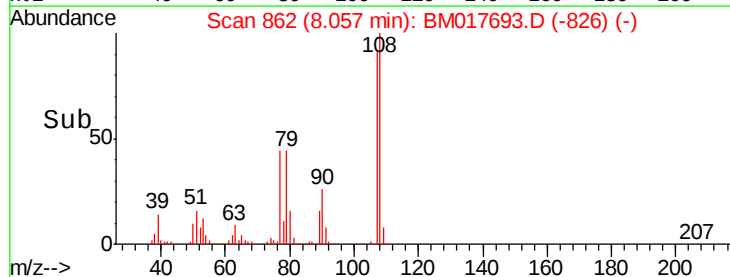
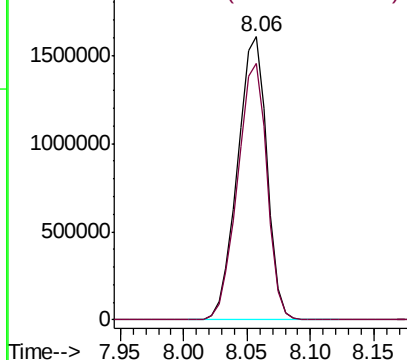


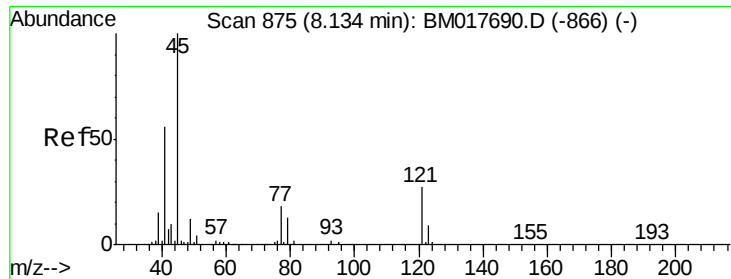
#11
 2-Methylphenol
 Concen: 176.549 ng/ul
 RT: 8.06 min Scan# 862
 Delta R.T. 0.01 min
 Lab File: BM017693.D
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Tgt Ion:108 Resp: 2584709
 Ion Ratio Lower Upper
 108 100
 107 90.8 70.8 106.2



Abundance Ion 108.00 (107.70 to 108.70): E
 Ion 107.00 (106.70 to 107.70): E

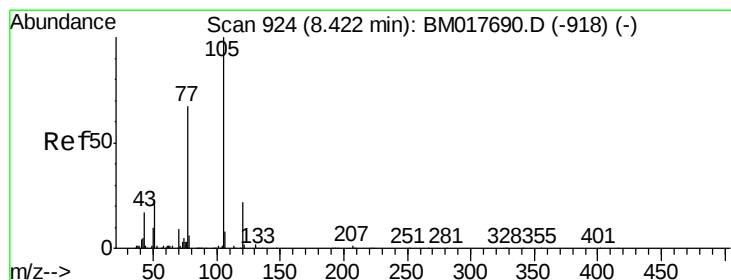
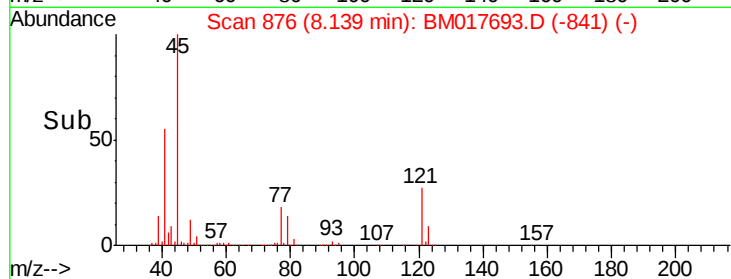
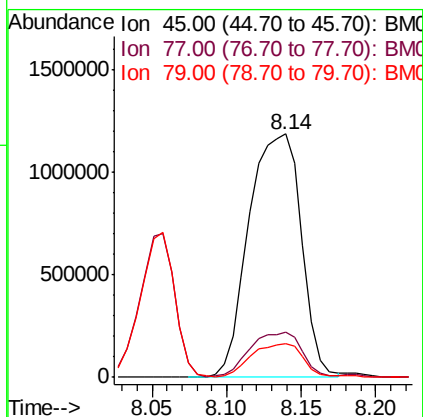
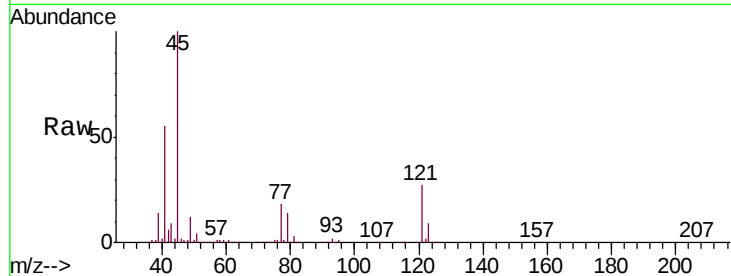




#12
 2,2'-oxybis(1-chloropropane)
 Concen: 178.416 ng/ul
 RT: 8.14 min Scan# 876
 Delta R.T. 0.01 min
 Lab File: BM017693.D
 Acq: 19 Nov 2018 21:26

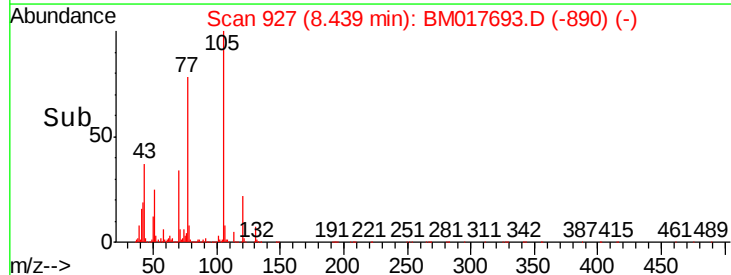
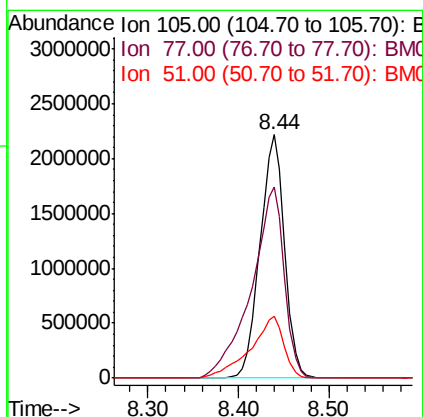
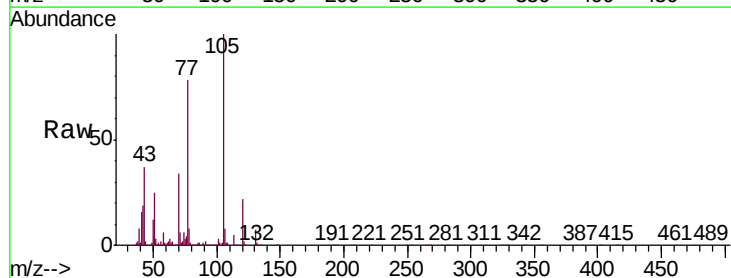
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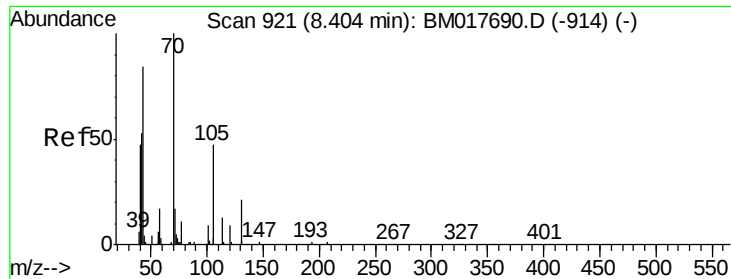
Tgt Ion: 45 Resp: 2889696
 Ion Ratio Lower Upper
 45 100
 77 18.3 15.3 22.9
 79 14.0 11.4 17.0



#14
 Acetophenone
 Concen: 174.109 ng/ul
 RT: 8.44 min Scan# 927
 Delta R.T. 0.02 min
 Lab File: BM017693.D
 Acq: 19 Nov 2018 21:26

Tgt Ion: 105 Resp: 4161713
 Ion Ratio Lower Upper
 105 100
 77 78.4 63.0 94.6
 51 25.2 21.3 31.9

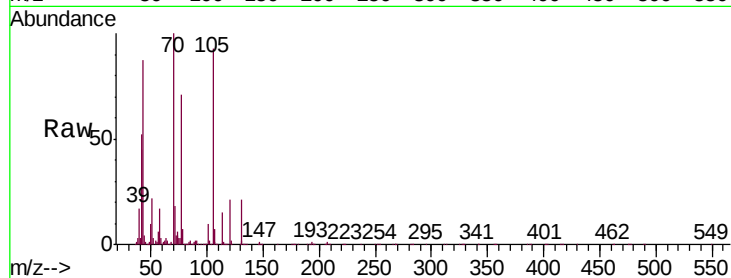




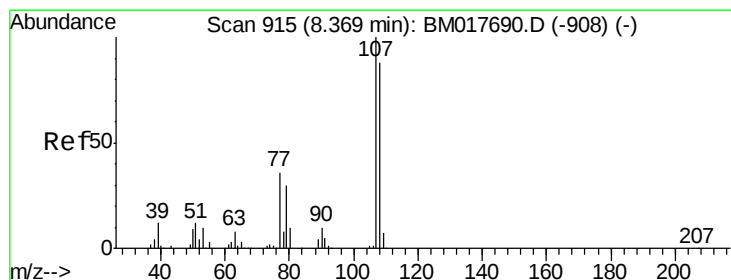
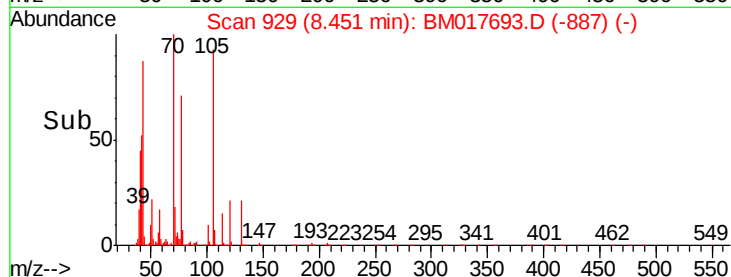
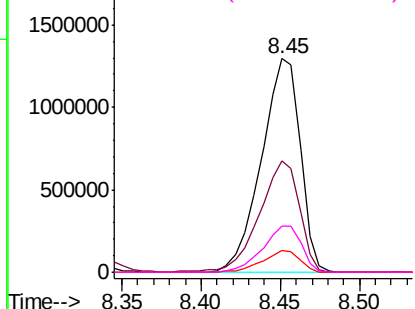
#15
N-Nitroso-di-n-propylamine
Concen: 197.694 ng/ul
RT: 8.45 min Scan# 929
Delta R.T. 0.05 min
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Tgt Ion: 70 Resp: 2203504
Ion Ratio Lower Upper
70 100
42 52.2 42.7 64.1
101 10.0 7.6 11.4
130 21.5 16.7 25.1

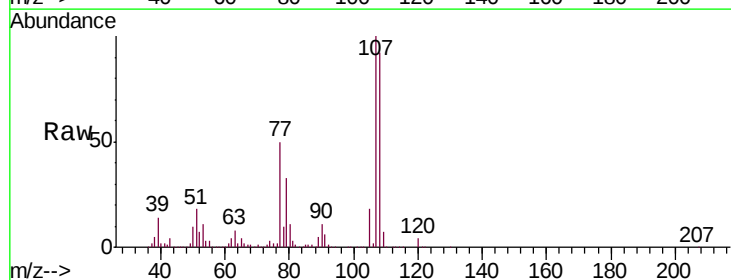


Abundance Ion 70.00 (69.70 to 70.70): BM017693.D (-887) (-)
2000000
Ion 42.00 (41.70 to 42.70): BM017693.D (-887) (-)
Ion 101.00 (100.70 to 101.70): BM017693.D (-887) (-)
Ion 130.00 (129.70 to 130.70): BM017693.D (-887) (-)

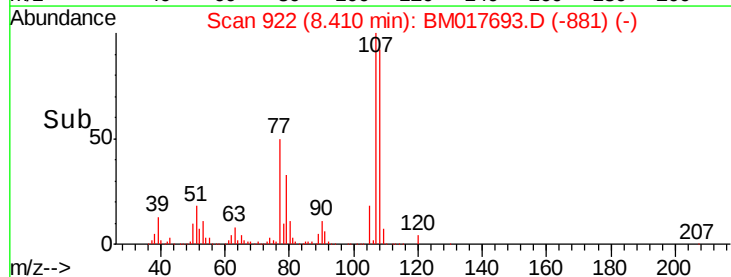
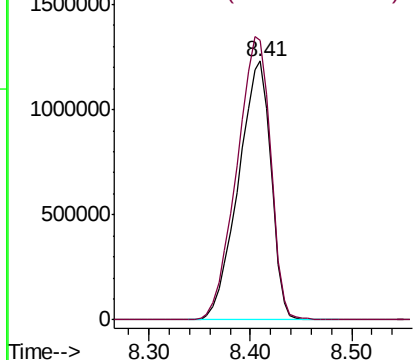


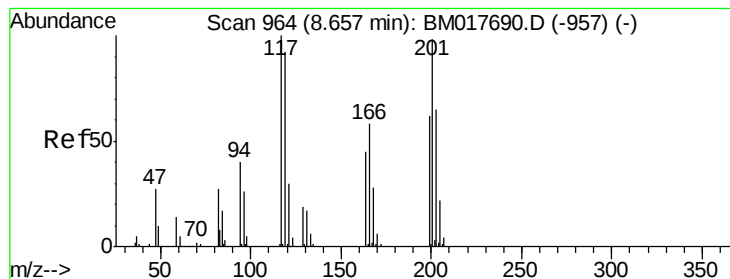
#16
4-Methylphenol
Concen: 174.016 ng/ul
RT: 8.41 min Scan# 922
Delta R.T. 0.04 min
Lab File: BM017693.D
Acq: 19 Nov 2018 21:26

Tgt Ion: 108 Resp: 2749150
Ion Ratio Lower Upper
108 100
107 108.2 91.3 136.9



Abundance Ion 108.00 (107.70 to 108.70): BM017693.D (-881) (-)
1500000
Ion 107.00 (106.70 to 107.70): BM017693.D (-881) (-)





#17

Hexachloroethane

Concen: 171.249 ng/ul

RT: 8.66 min Scan# 964

Delta R.T. -0.00 min

Lab File: BM017693.D

Acq: 19 Nov 2018 21:26

Instrument :

BNA_M

ClientSampleId :

SSTD16056

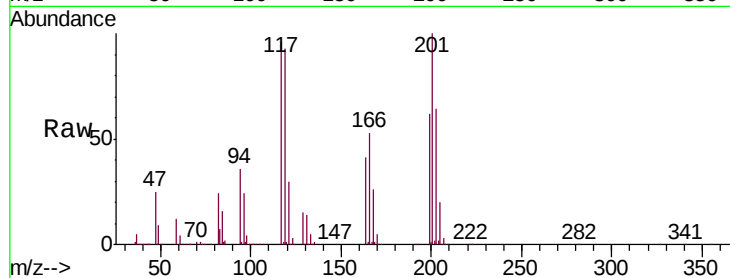
Tgt Ion:117 Resp: 1061198

Ion Ratio Lower Upper

117 100

201 103.6 78.2 117.2

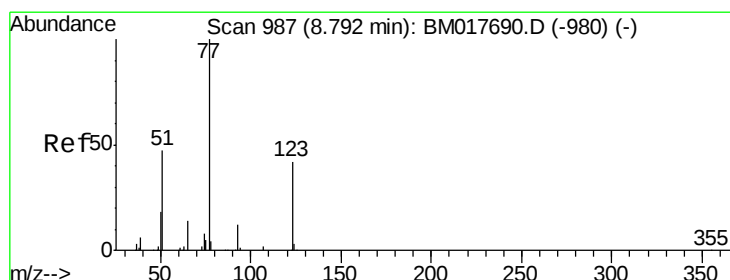
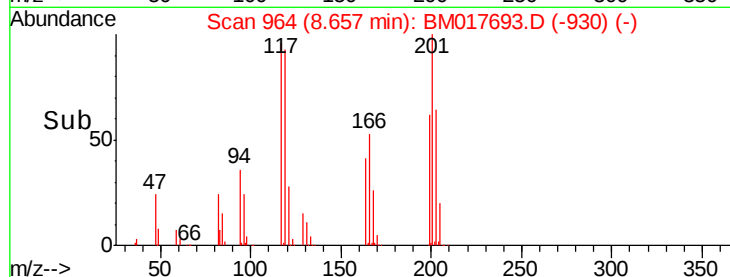
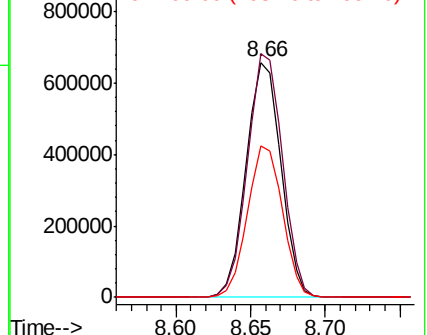
199 64.7 49.5 74.3



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 157.341 ng/ul

RT: 8.81 min Scan# 990

Delta R.T. 0.02 min

Lab File: BM017693.D

Acq: 19 Nov 2018 21:26

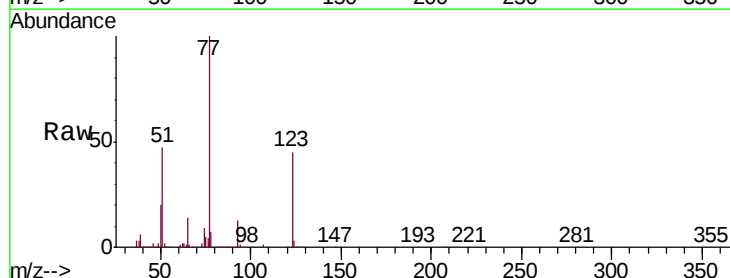
Tgt Ion: 77 Resp: 3135600

Ion Ratio Lower Upper

77 100

123 44.8 33.1 49.7

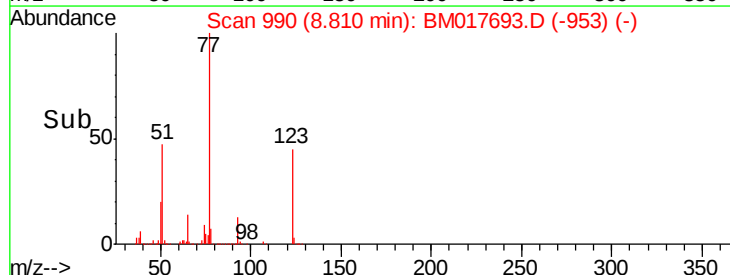
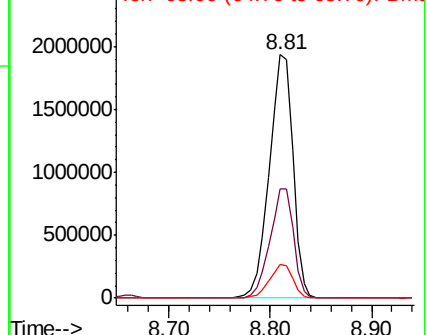
65 13.8 11.0 16.6

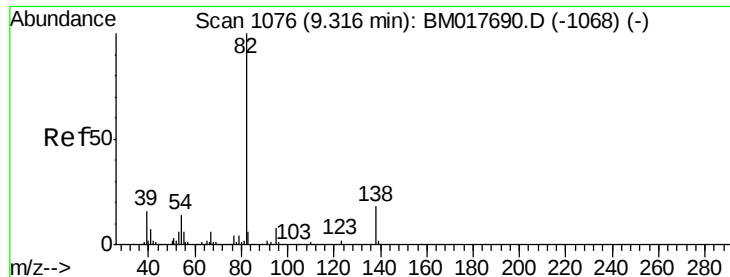


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 188.458 ng/ul

RT: 9.35 min Scan# 1082

Delta R.T. 0.04 min

Lab File: BM017693.D

Acq: 19 Nov 2018 21:26

Instrument :

BNA_M

ClientSampleId :

SSTD16056

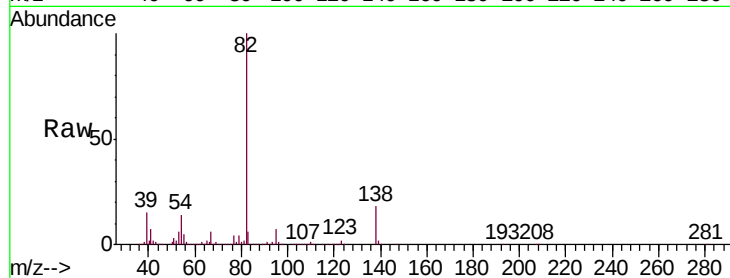
Tgt Ion: 82 Resp: 5974122

Ion Ratio Lower Upper

82 100

95 7.5 6.1 9.1

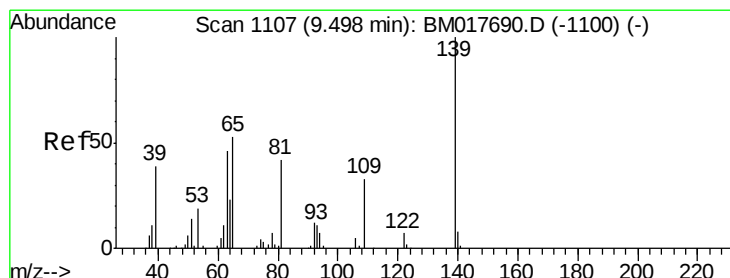
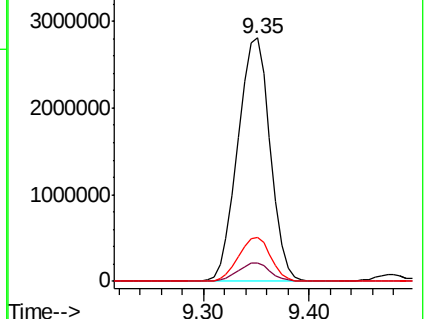
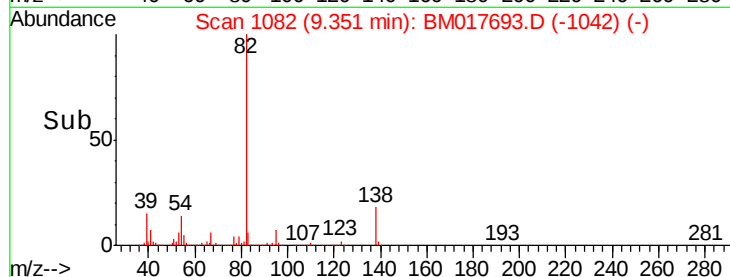
138 18.1 14.2 21.2



Abundance Ion 82.00 (81.70 to 82.70): BM017693.D (-1042) (-)

Ion 95.00 (94.70 to 95.70): BM017693.D (-1042) (-)

Ion 138.00 (137.70 to 138.70): BM017693.D (-1042) (-)



#23

2-Nitrophenol

Concen: 189.854 ng/ul

RT: 9.51 min Scan# 1109

Delta R.T. 0.01 min

Lab File: BM017693.D

Acq: 19 Nov 2018 21:26

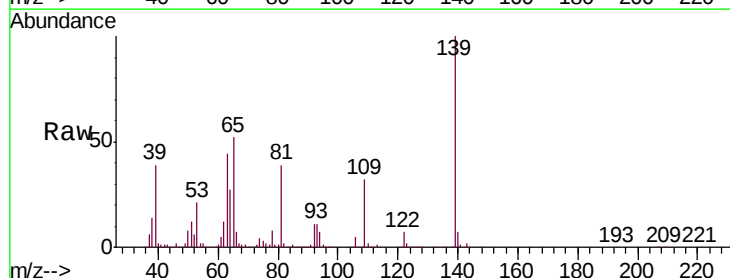
Tgt Ion: 139 Resp: 1641731

Ion Ratio Lower Upper

139 100

65 51.6 44.2 66.4

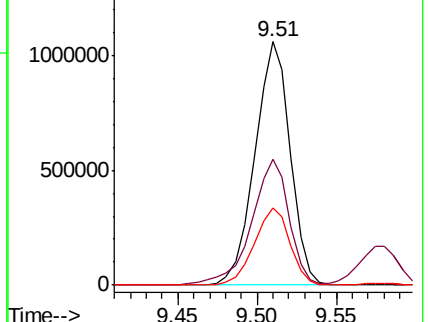
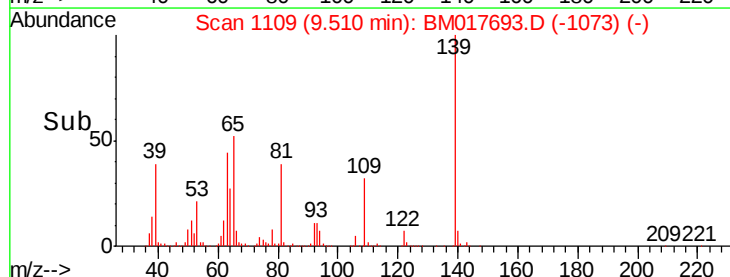
109 32.0 26.4 39.6

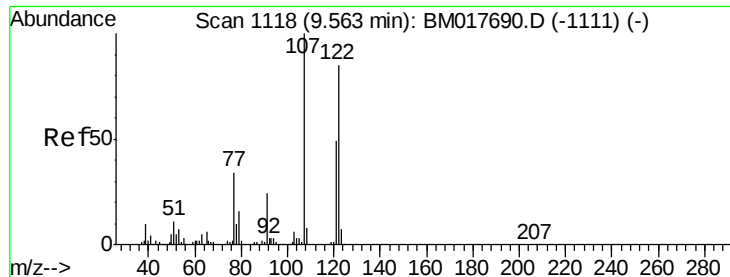


Abundance Ion 139.00 (138.70 to 139.70): BM017693.D (-1073) (-)

Ion 65.00 (64.70 to 65.70): BM017693.D (-1073) (-)

Ion 109.00 (108.70 to 109.70): BM017693.D (-1073) (-)

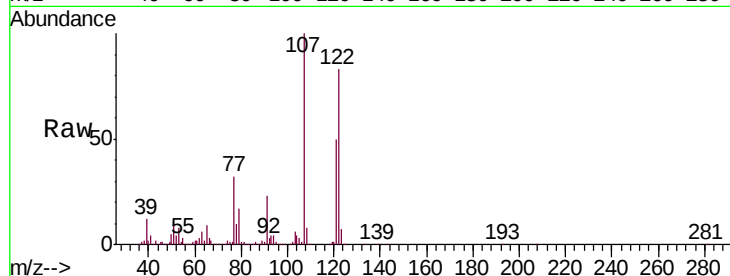




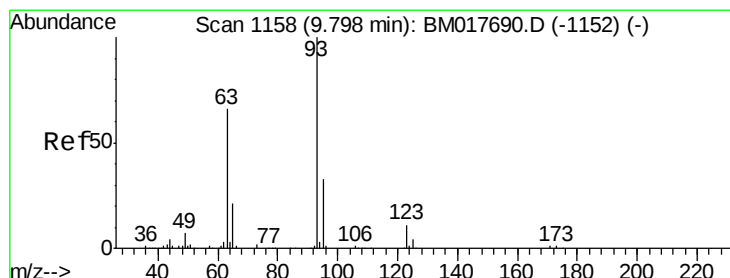
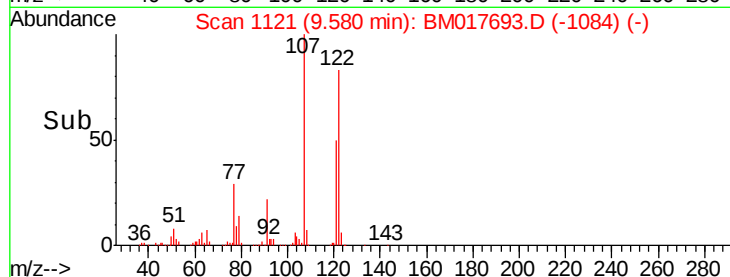
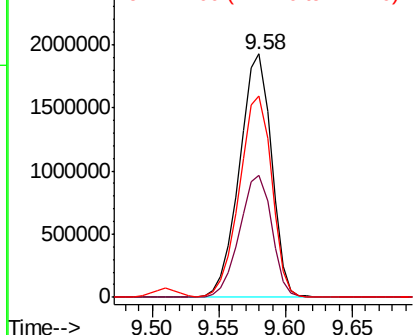
#24
 2,4-Dimethylphenol
 Concen: 169.281 ng/ul
 RT: 9.58 min Scan# 1121
 Delta R.T. 0.02 min
 Lab File: BM017693.D
 Acq: 19 Nov 2018 21:26

Instrument :
 BNA_M
 ClientSampleId :
 SSTD16056

Tgt Ion: 107 Resp: 3195828
 Ion Ratio Lower Upper
 107 100
 121 50.2 39.6 59.4
 122 82.7 68.1 102.1

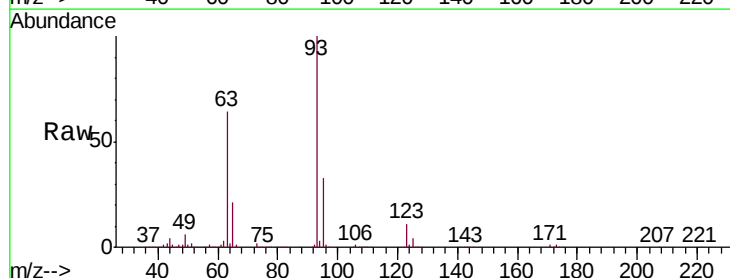


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E
 Ion 122.00 (121.70 to 122.70): E

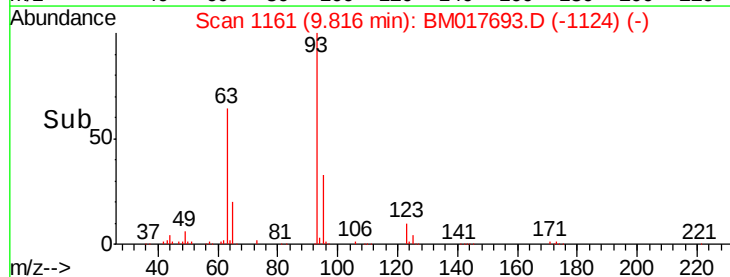
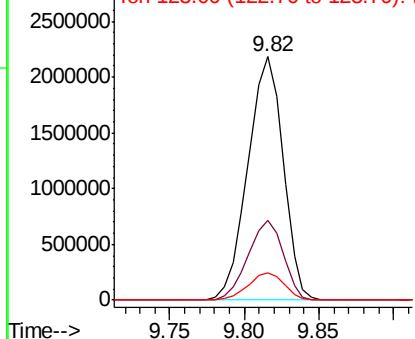


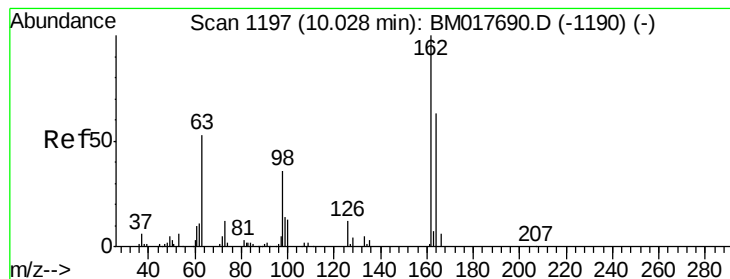
#25
 Bis(2-Chloroethoxy)methane
 Concen: 179.877 ng/ul
 RT: 9.82 min Scan# 1161
 Delta R.T. 0.02 min
 Lab File: BM017693.D
 Acq: 19 Nov 2018 21:26

Tgt Ion: 93 Resp: 3575720
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.0 39.0
 123 11.2 9.0 13.4



Abundance Ion 93.00 (92.70 to 93.70): BM0
 Ion 95.00 (94.70 to 95.70): BM0
 Ion 123.00 (122.70 to 123.70): E





#27

2,4-Dichlorophenol

Concen: 181.288 ng/ul

RT: 10.04 min Scan# 1199

Delta R.T. 0.01 min

Lab File: BM017693.D

Acq: 19 Nov 2018 21:26

Instrument :

BNA_M

ClientSampleId :

SSTD16056

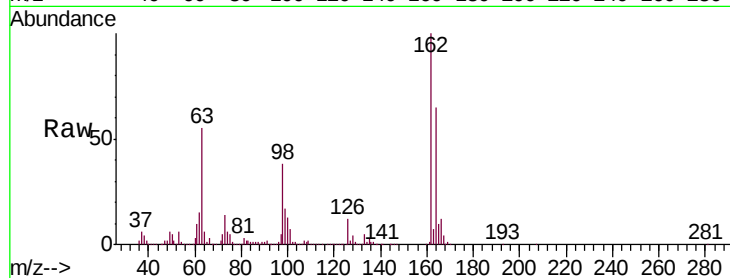
Tgt Ion:162 Resp: 2768992

Ion Ratio Lower Upper

162 100

164 64.7 51.8 77.8

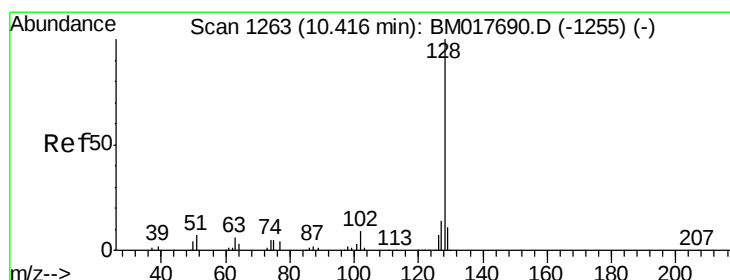
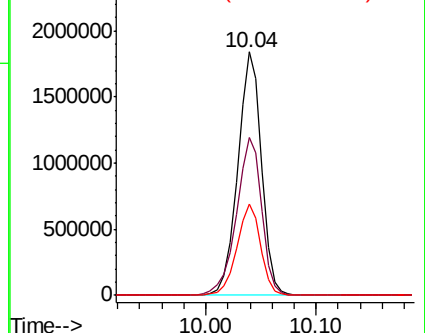
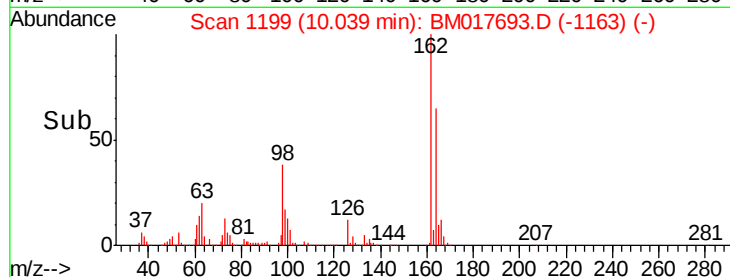
98 37.5 29.0 43.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#28

Naphthalene

Concen: 160.301 ng/ul

RT: 10.43 min Scan# 1265

Delta R.T. 0.01 min

Lab File: BM017693.D

Acq: 19 Nov 2018 21:26

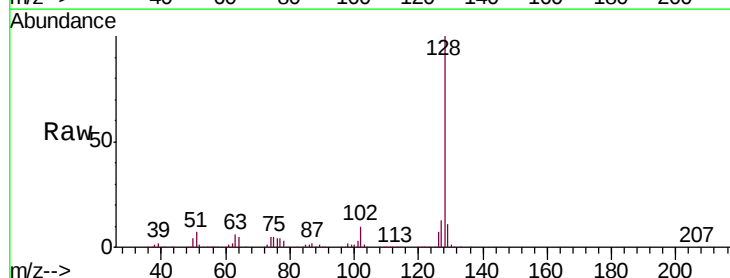
Tgt Ion:128 Resp: 8499748

Ion Ratio Lower Upper

128 100

129 11.1 8.6 12.8

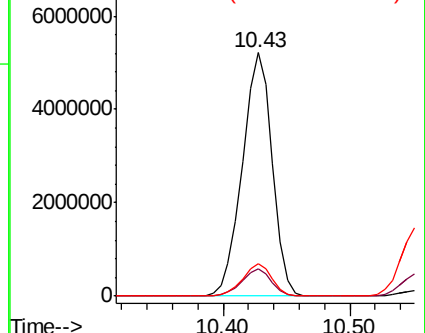
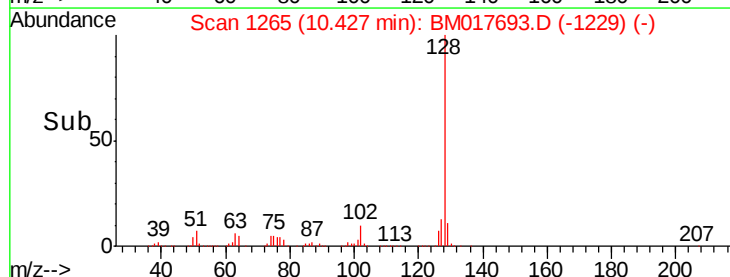
127 13.5 10.8 16.2

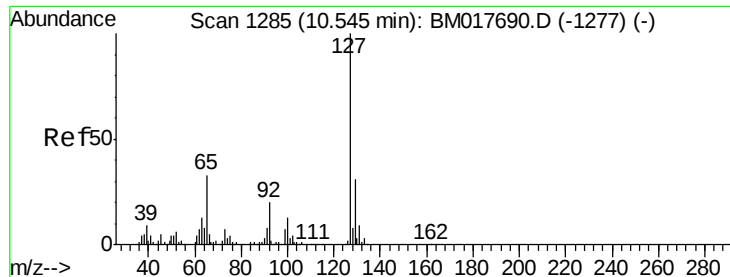


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

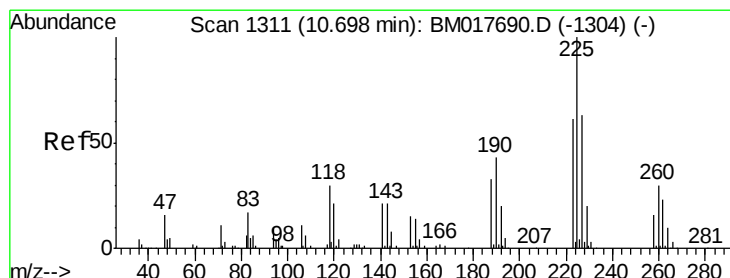
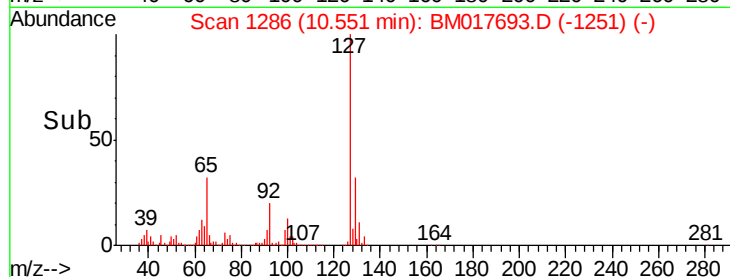
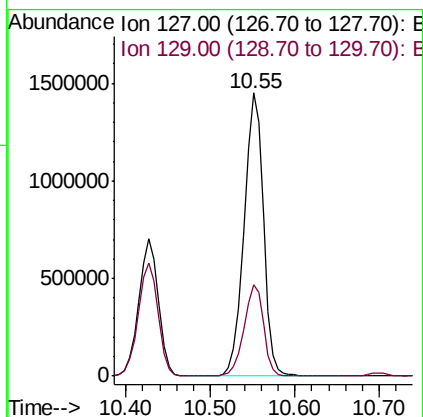
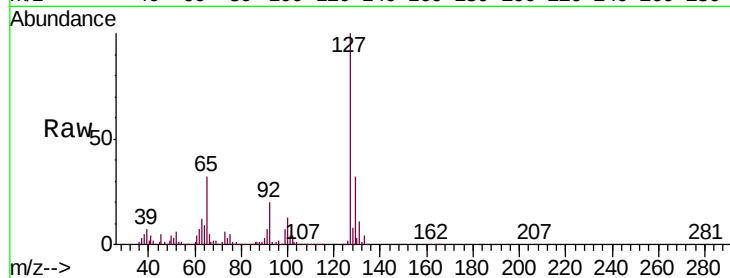




#30
4-Chloroaniline
Concen: 165.082 ng/ul
RT: 10.55 min Scan# 1286
Delta R.T. 0.01 min
Lab File: BM017693.D
Acq: 19 Nov 2018 21:26

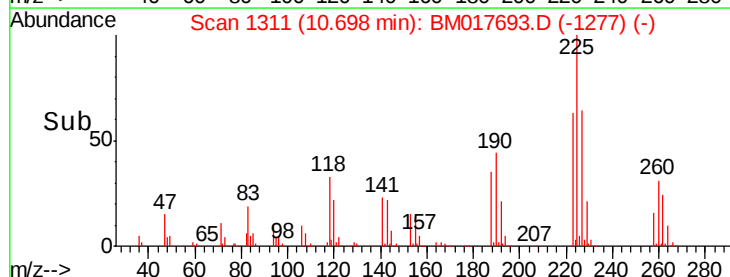
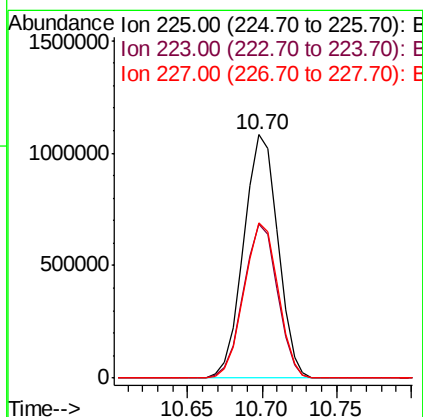
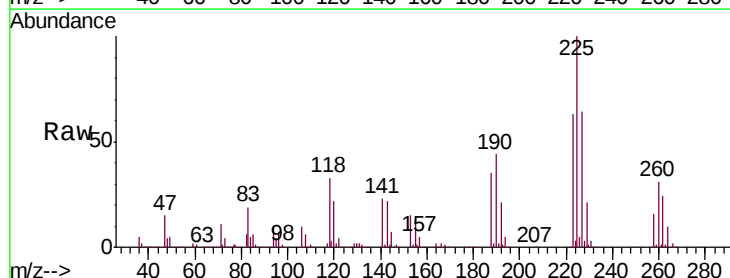
Instrument :
BNA_M
ClientSampleId :
SSTD16056

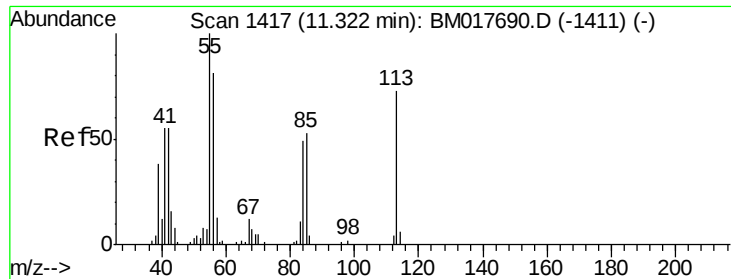
Tgt Ion:127 Resp: 2293392
Ion Ratio Lower Upper
127 100
129 32.2 24.6 37.0



#31
Hexachlorobutadiene
Concen: 166.445 ng/ul
RT: 10.70 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BM017693.D
Acq: 19 Nov 2018 21:26

Tgt Ion:225 Resp: 1715171
Ion Ratio Lower Upper
225 100
223 63.1 48.8 73.2
227 63.9 50.3 75.5

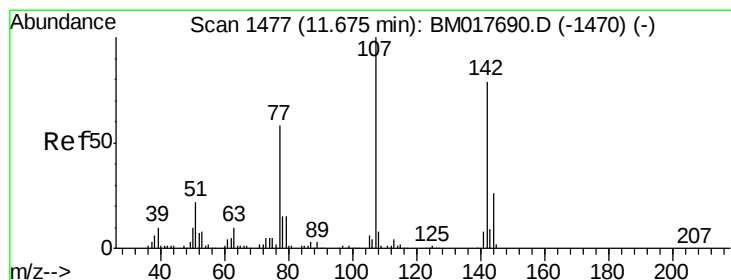
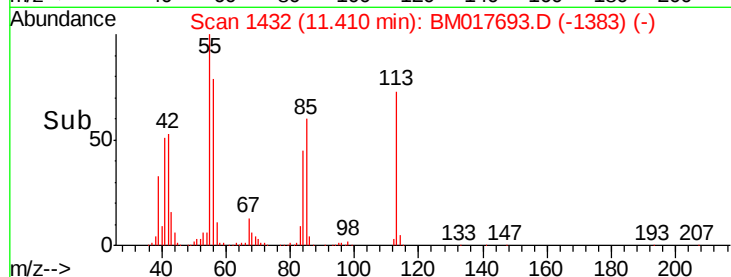
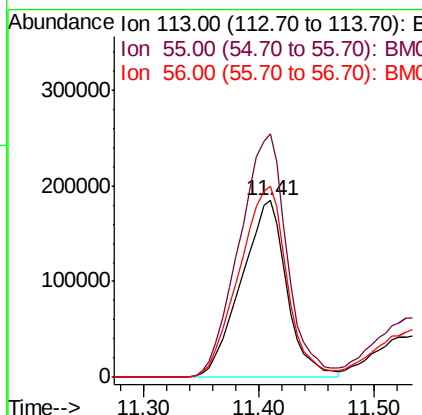
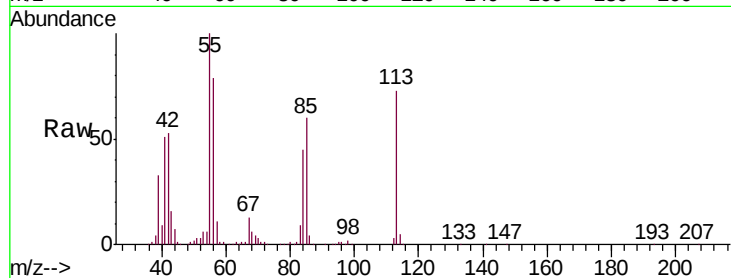




#32
 Caprolactam
 Concen: 109.188 ng/ul
 RT: 11.41 min Scan# 1432
 Delta R.T. 0.09 min
 Lab File: BM017693.D
 Acq: 19 Nov 2018 21:26

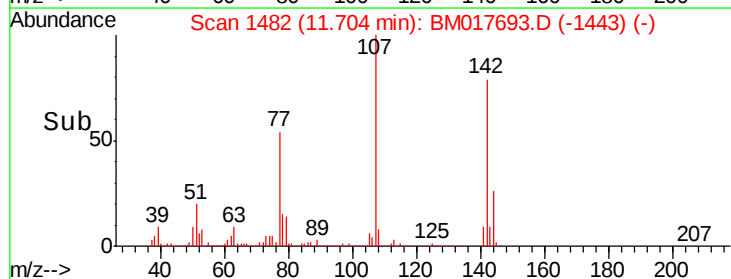
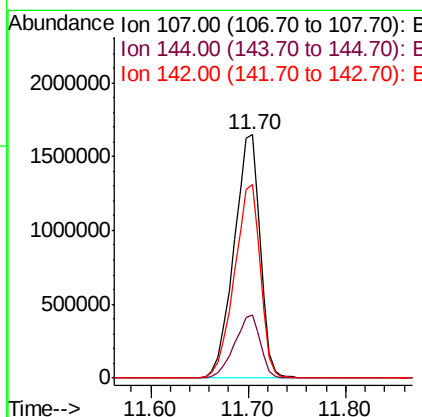
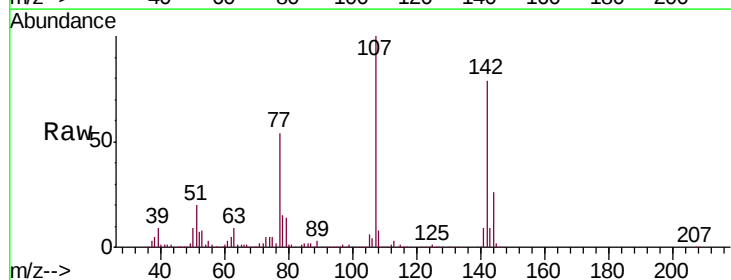
Instrument :
 BNA_M
 ClientSampleId :
 SSTD16056

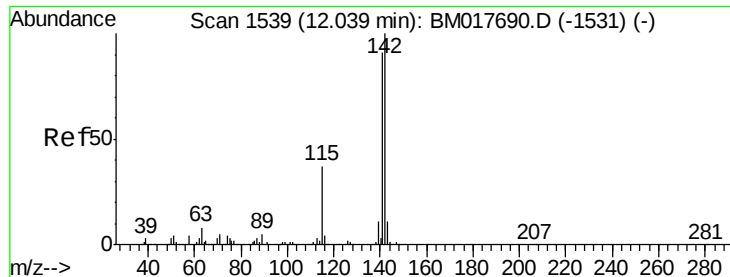
Tgt Ion:113 Resp: 508728
 Ion Ratio Lower Upper
 113 100
 55 137.6 110.6 166.0
 56 108.1 88.2 132.4



#33
 4-Chloro-3-methylphenol
 Concen: 191.520 ng/ul
 RT: 11.70 min Scan# 1482
 Delta R.T. 0.03 min
 Lab File: BM017693.D
 Acq: 19 Nov 2018 21:26

Tgt Ion:107 Resp: 3057375
 Ion Ratio Lower Upper
 107 100
 144 26.0 21.1 31.7
 142 79.4 63.0 94.6

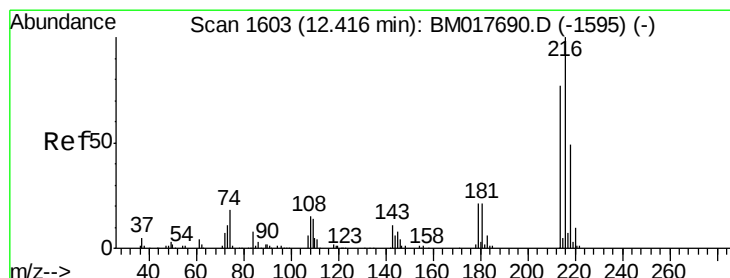
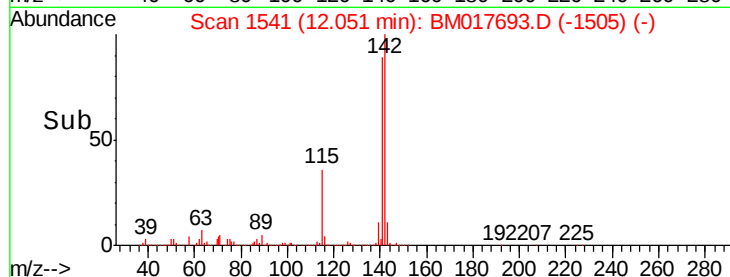
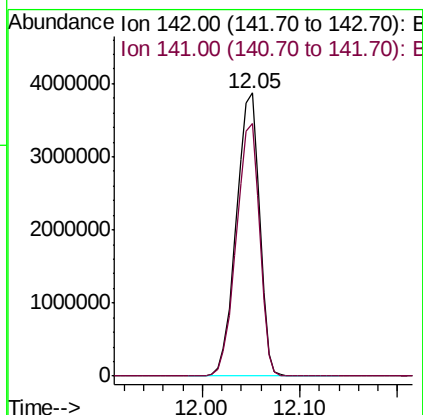
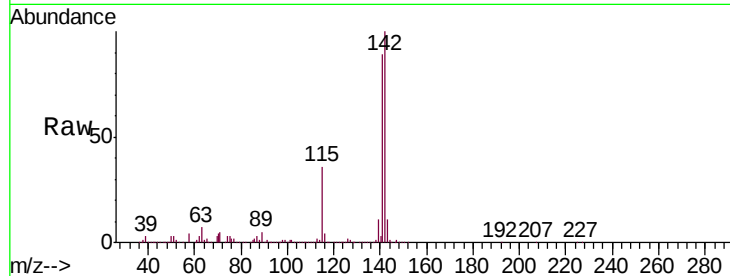




#34
 2-Methylnaphthalene
 Concen: 175.273 ng/ul
 RT: 12.05 min Scan# 1541
 Delta R.T. 0.01 min
 Lab File: BM017693.D
 Acq: 19 Nov 2018 21:26

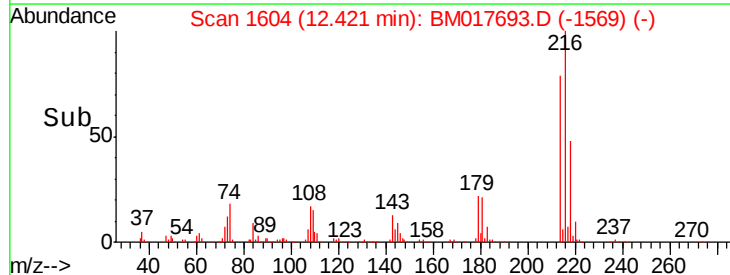
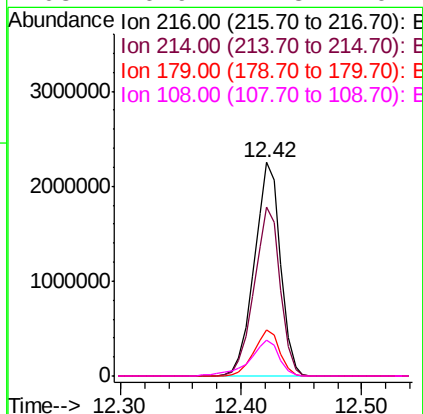
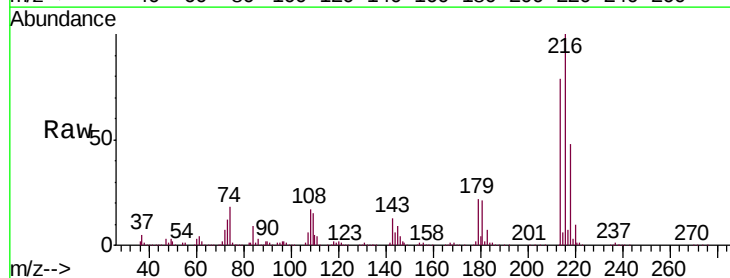
Instrument :
 BNA_M
 ClientSampleId :
 SSTD16056

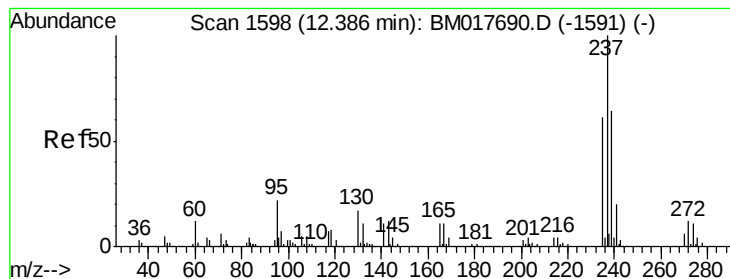
Tgt Ion:142 Resp: 6417633
 Ion Ratio Lower Upper
 142 100
 141 89.1 72.6 108.8



#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 158.488 ng/ul
 RT: 12.42 min Scan# 1604
 Delta R.T. 0.01 min
 Lab File: BM017693.D
 Acq: 19 Nov 2018 21:26

Tgt Ion:216 Resp: 3380004
 Ion Ratio Lower Upper
 216 100
 214 78.8 61.3 91.9
 179 21.8 17.0 25.4
 108 16.9 12.8 19.2





#37

Hexachlorocyclopentadiene

Concen: 198.380 ng/ul

RT: 12.39 min Scan# 1599

Delta R.T. 0.01 min

Lab File: BM017693.D

Acq: 19 Nov 2018 21:26

Instrument :

BNA_M

ClientSampleId :

SSTD16056

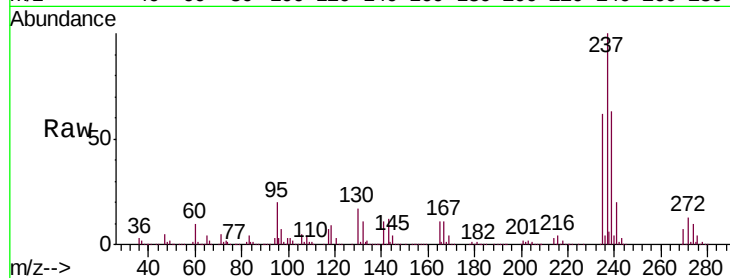
Tgt Ion:237 Resp: 2376176

Ion Ratio Lower Upper

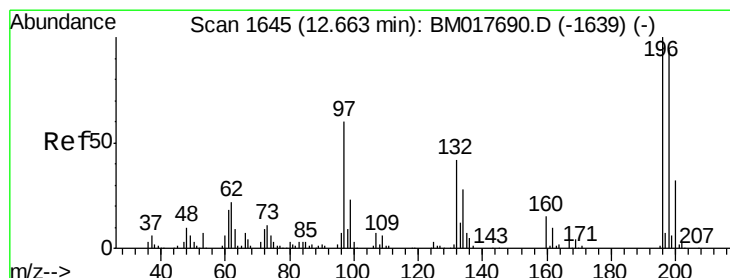
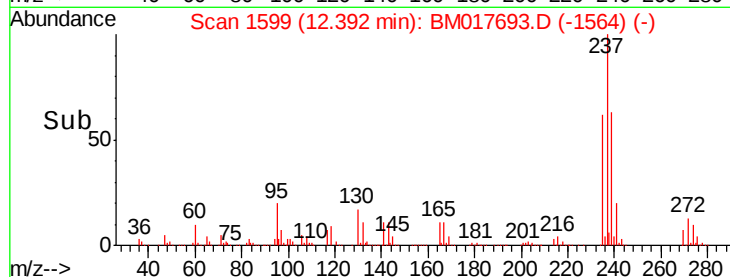
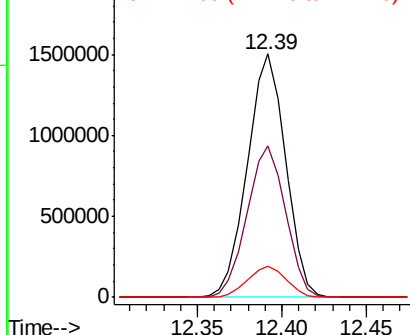
237 100

235 62.4 48.6 73.0

272 12.8 9.4 14.0



Abundance Ion 237.00 (236.70 to 237.70): E
Ion 235.00 (234.70 to 235.70): E
Ion 272.00 (271.70 to 272.70): E



#38

2,4,6-Trichlorophenol

Concen: 185.621 ng/ul

RT: 12.67 min Scan# 1647

Delta R.T. 0.01 min

Lab File: BM017693.D

Acq: 19 Nov 2018 21:26

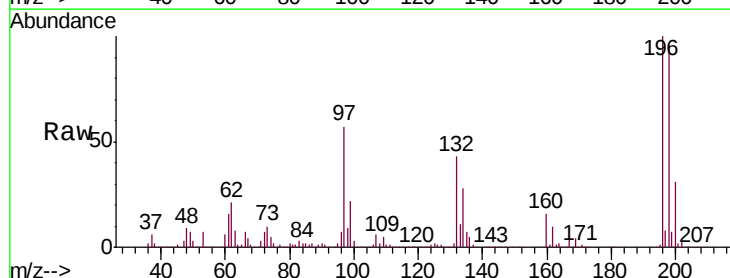
Tgt Ion:196 Resp: 2297047

Ion Ratio Lower Upper

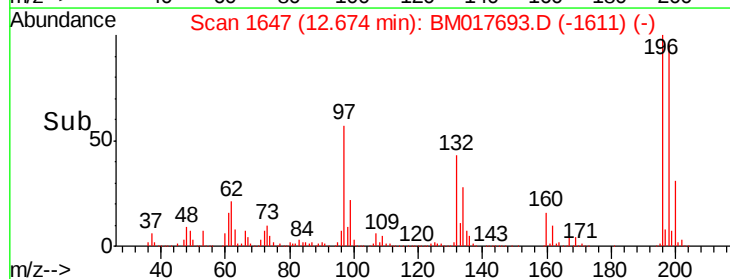
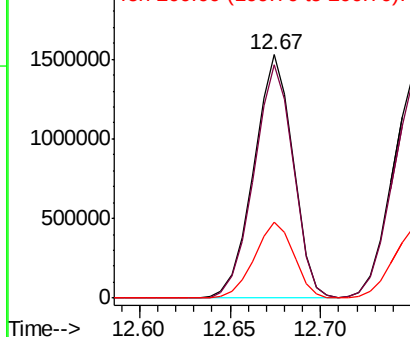
196 100

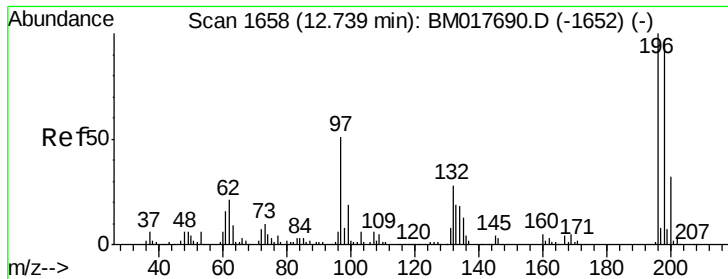
198 95.9 74.9 112.3

200 31.1 25.4 38.2



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

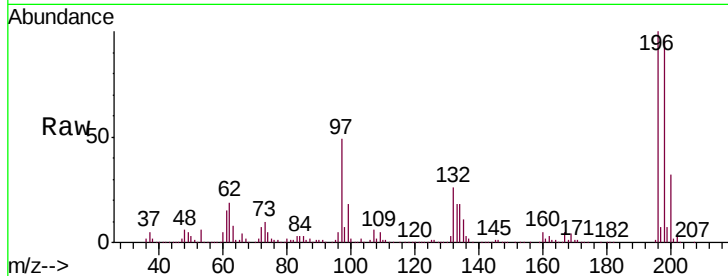




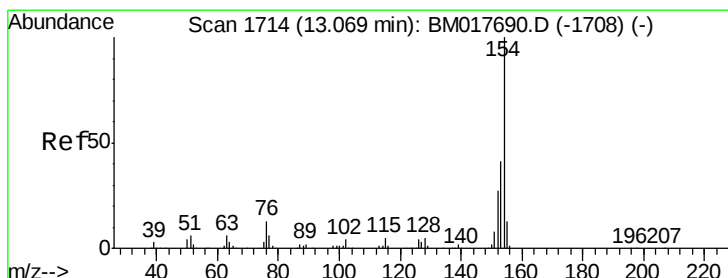
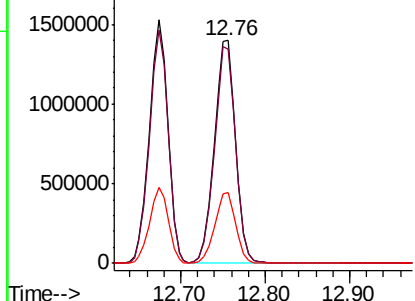
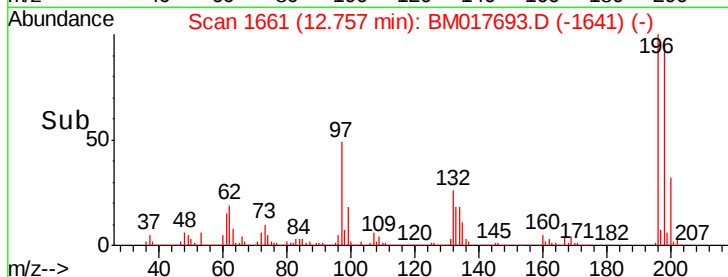
#39
 2,4,5-Trichlorophenol
 Concen: 178.876 ng/ul
 RT: 12.76 min Scan# 1661
 Delta R.T. 0.02 min
 Lab File: BM017693.D
 Acq: 19 Nov 2018 21:26

Instrument :
 BNA_M
 ClientSampleId :
 SSTD16056

Tgt Ion:196 Resp: 2463842
 Ion Ratio Lower Upper
 196 100
 198 96.0 77.2 115.8
 200 31.6 25.8 38.8

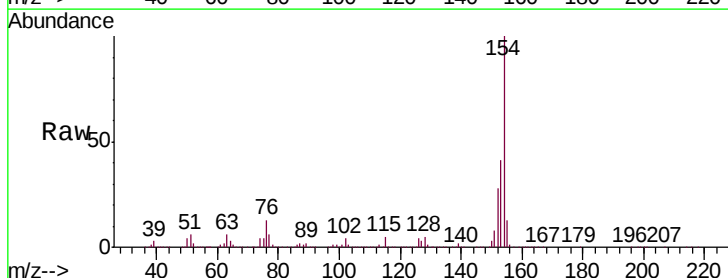


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

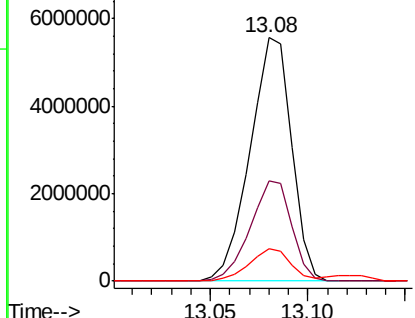
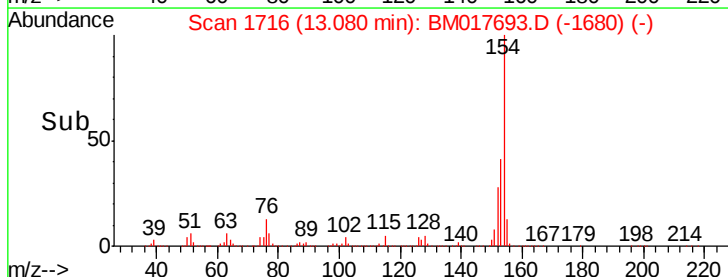


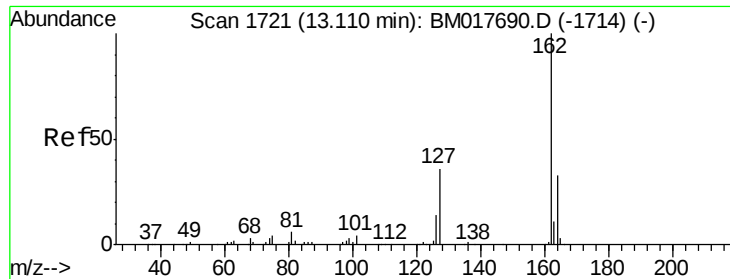
#40
 1,1'-Biphenyl
 Concen: 160.950 ng/ul
 RT: 13.08 min Scan# 1716
 Delta R.T. 0.01 min
 Lab File: BM017693.D
 Acq: 19 Nov 2018 21:26

Tgt Ion:154 Resp: 8198362
 Ion Ratio Lower Upper
 154 100
 153 41.3 32.5 48.7
 76 13.4 10.6 15.8



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

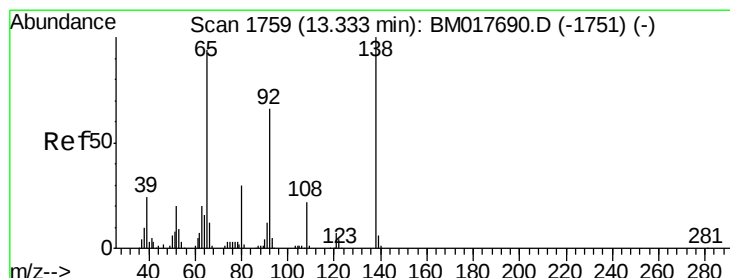
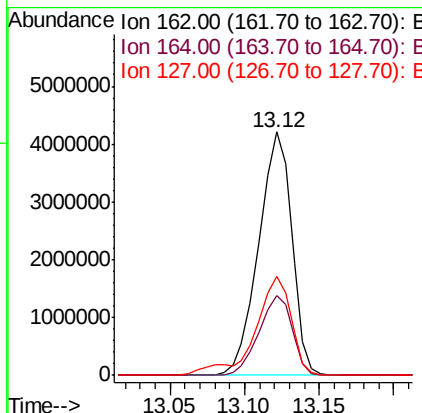
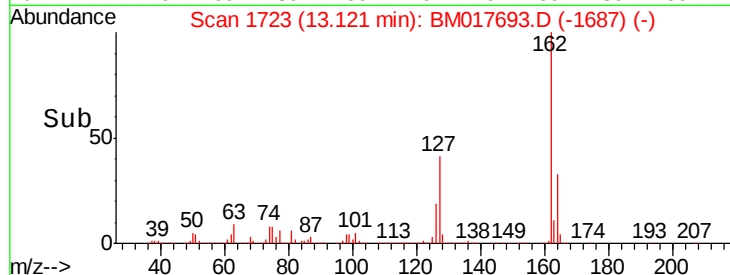
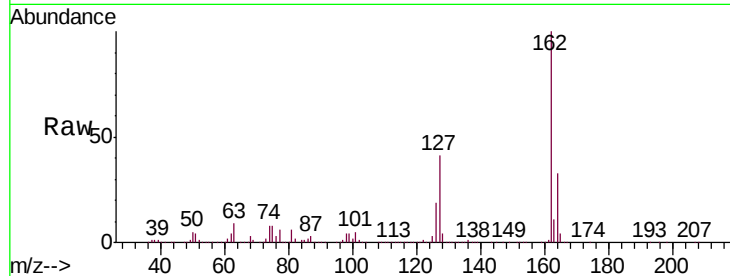




#41
2-Chloronaphthalene
Concen: 157.971 ng/ul
RT: 13.12 min Scan# 1723
Delta R.T. 0.01 min
Lab File: BM017693.D
Acq: 19 Nov 2018 21:26

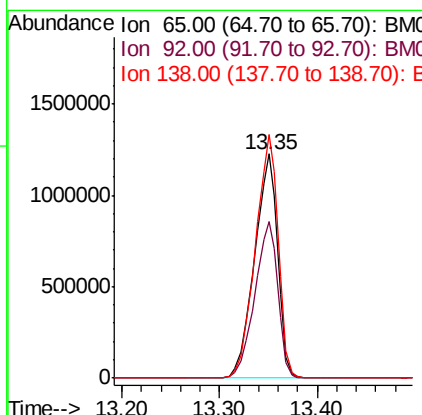
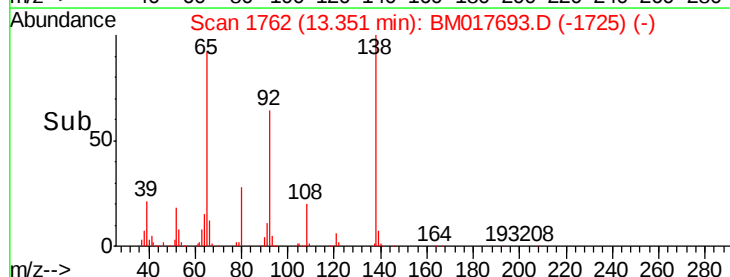
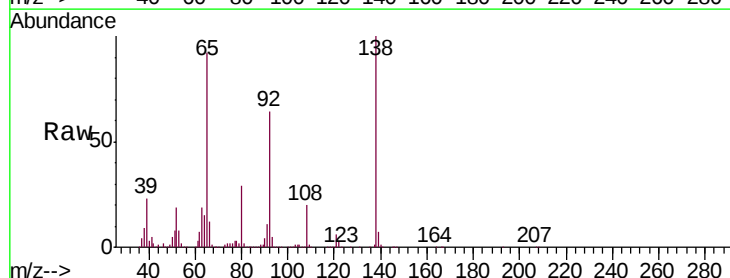
Instrument :
BNA_M
ClientSampled :
SSTD16056

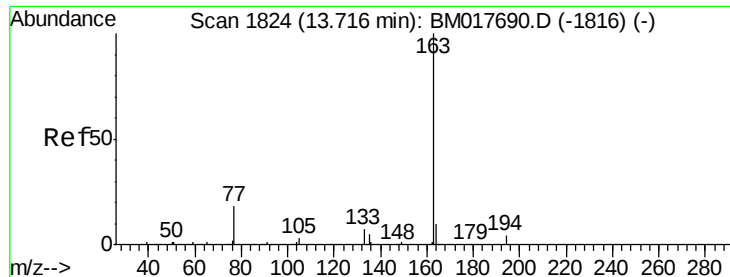
Tgt Ion:162 Resp: 6445748
Ion Ratio Lower Upper
162 100
164 32.7 26.1 39.1
127 40.8 31.8 47.8



#42
2-Nitroaniline
Concen: 185.950 ng/ul
RT: 13.35 min Scan# 1762
Delta R.T. 0.02 min
Lab File: BM017693.D
Acq: 19 Nov 2018 21:26

Tgt Ion: 65 Resp: 2044330
Ion Ratio Lower Upper
65 100
92 69.8 56.3 84.5
138 108.6 85.4 128.0

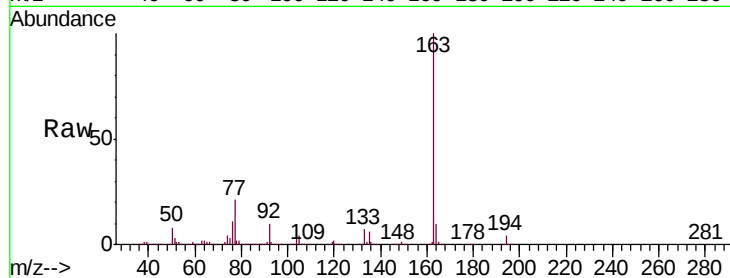




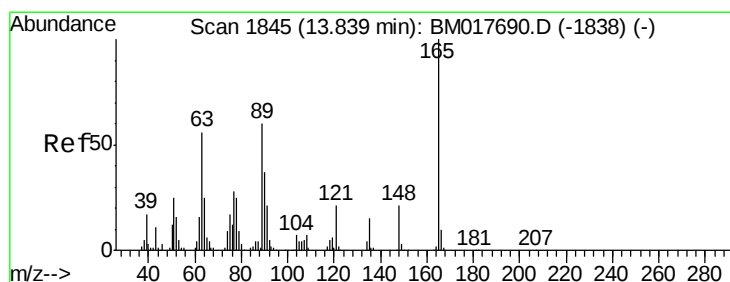
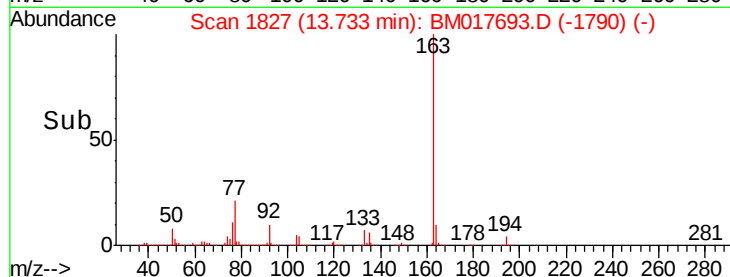
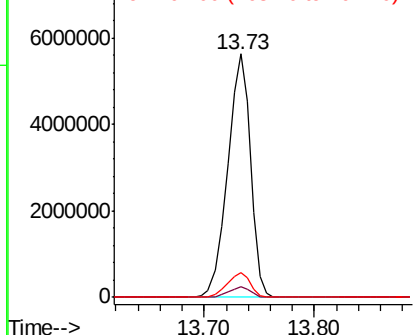
#44
Dimethylphthalate
Concen: 174.346 ng/ul
RT: 13.73 min Scan# 1827
Delta R.T. 0.02 min
Lab File: BM017693.D
Acq: 19 Nov 2018 21:26

Instrument :
BNA_M
ClientSampleId :
SSTD16056

Tgt Ion:163 Resp: 8147632
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.3 8.1 12.1

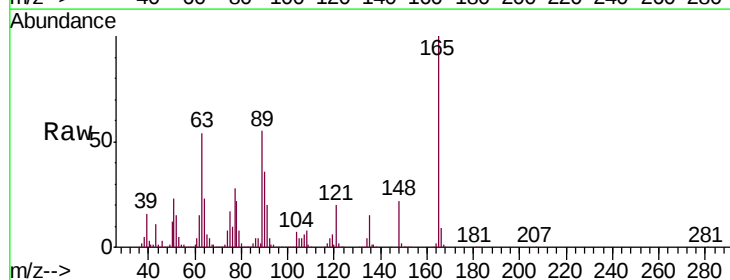


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

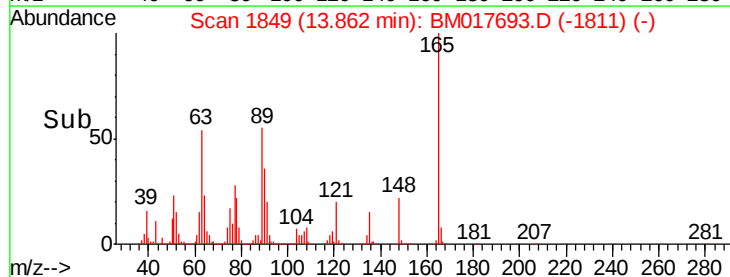
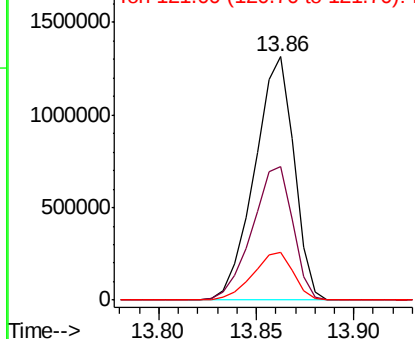


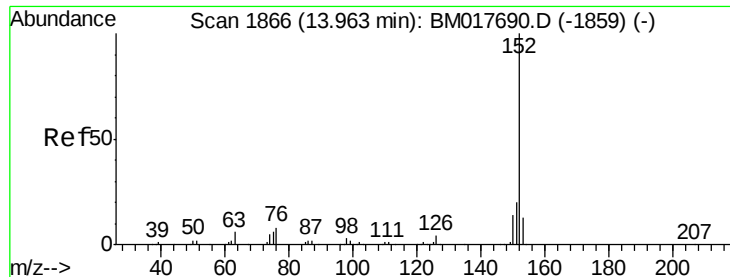
#45
2,6-Dinitrotoluene
Concen: 205.502 ng/ul
RT: 13.86 min Scan# 1849
Delta R.T. 0.02 min
Lab File: BM017693.D
Acq: 19 Nov 2018 21:26

Tgt Ion:165 Resp: 1843485
Ion Ratio Lower Upper
165 100
89 54.8 48.0 72.0
121 19.8 17.0 25.6



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 89.00 (88.70 to 89.70): BM
Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 166.307 ng/ul

RT: 13.98 min Scan# 1869

Delta R.T. 0.02 min

Lab File: BM017693.D

Acq: 19 Nov 2018 21:26

Instrument :

BNA_M

ClientSampleId :

SSTD16056

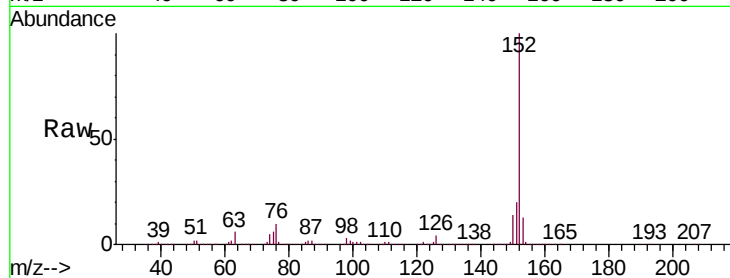
Tgt Ion:152 Resp: 9857273

Ion Ratio Lower Upper

152 100

151 20.2 16.0 24.0

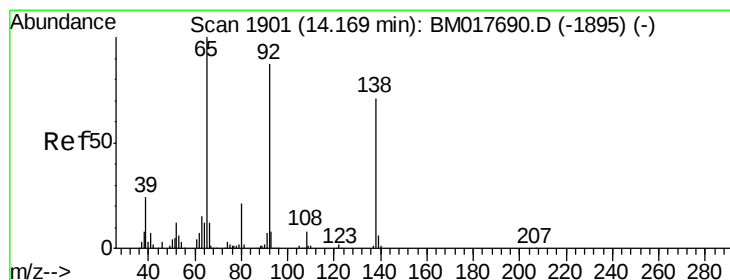
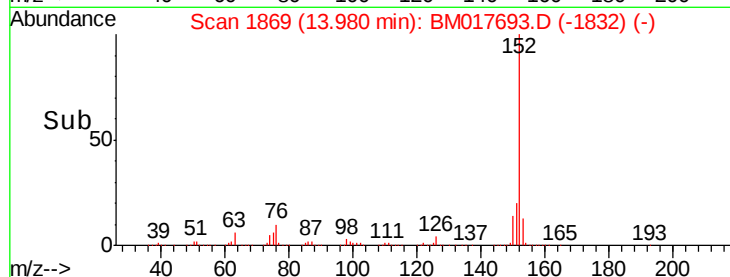
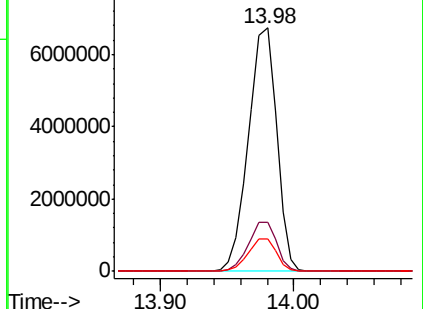
153 13.3 10.4 15.6



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



#48

3-Nitroaniline

Concen: 172.628 ng/ul

RT: 14.19 min Scan# 1905

Delta R.T. 0.02 min

Lab File: BM017693.D

Acq: 19 Nov 2018 21:26

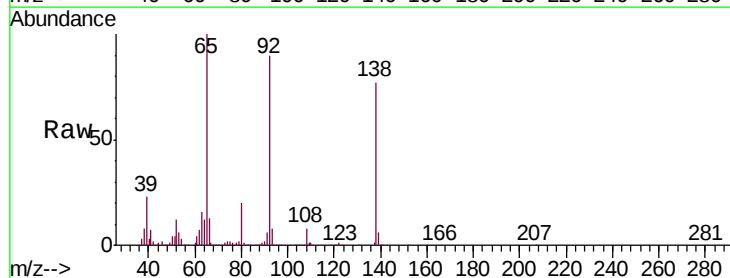
Tgt Ion:138 Resp: 1585681

Ion Ratio Lower Upper

138 100

108 10.5 9.0 13.4

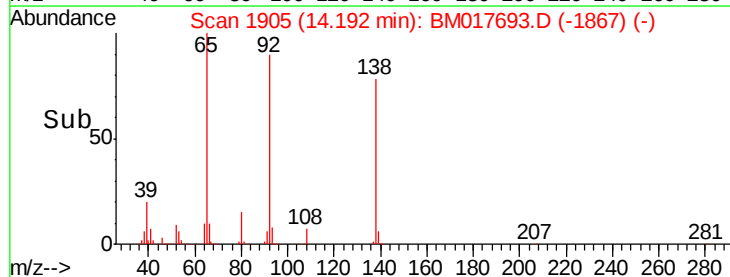
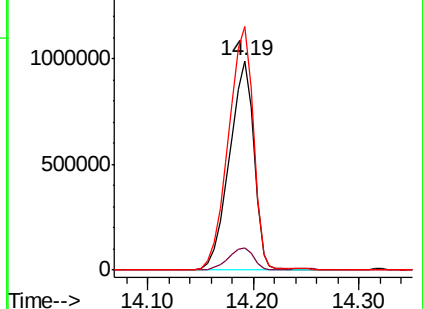
92 116.4 98.8 148.2

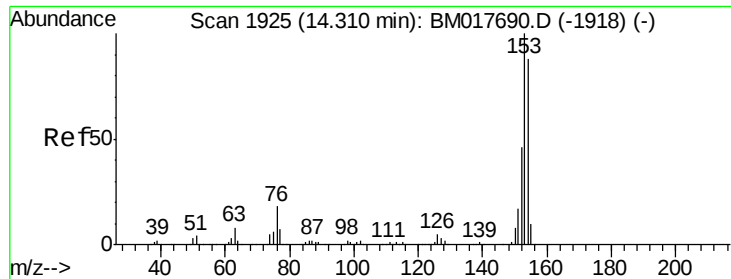


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 160.457 ng/ul

RT: 14.32 min Scan# 1927

Delta R.T. 0.01 min

Lab File: BM017693.D

Acq: 19 Nov 2018 21:26

Instrument :

BNA_M

ClientSampleId :

SSTD16056

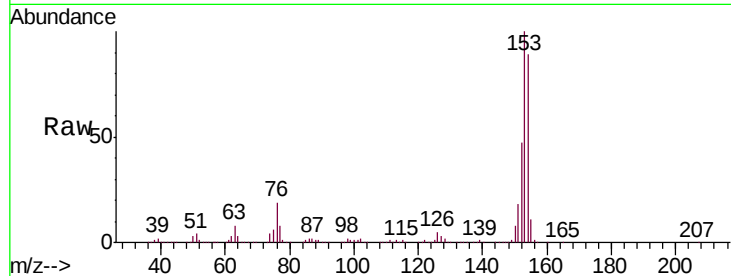
Tgt Ion:153 Resp: 7023105

Ion Ratio Lower Upper

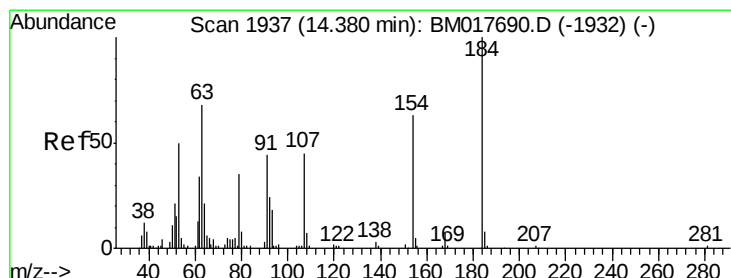
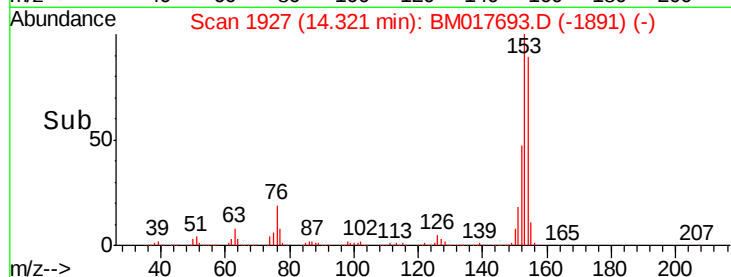
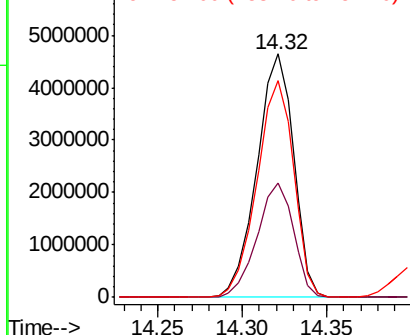
153 100

152 47.1 37.0 55.6

154 89.2 70.6 106.0



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 247.176 ng/ul

RT: 14.40 min Scan# 1940

Delta R.T. 0.02 min

Lab File: BM017693.D

Acq: 19 Nov 2018 21:26

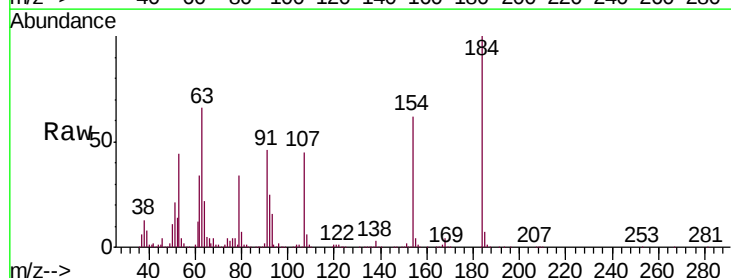
Tgt Ion:184 Resp: 1338172

Ion Ratio Lower Upper

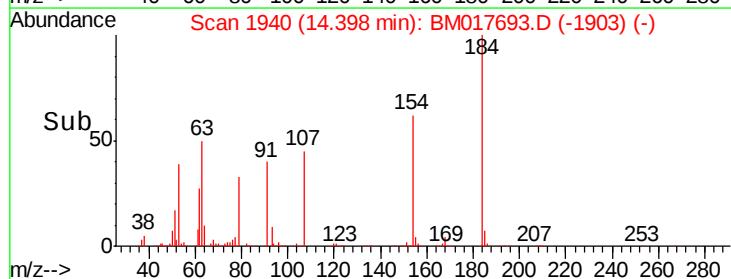
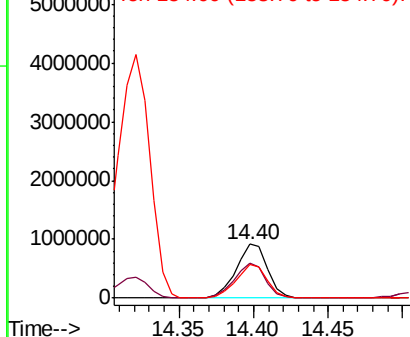
184 100

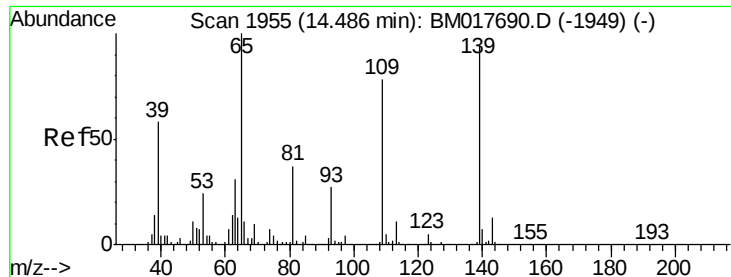
63 65.6 54.4 81.6

154 61.9 51.1 76.7



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 154.00 (153.70 to 154.70): E

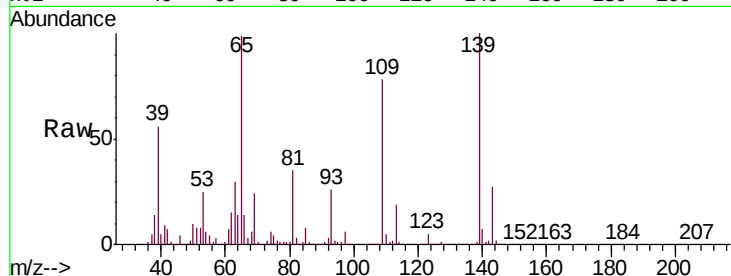




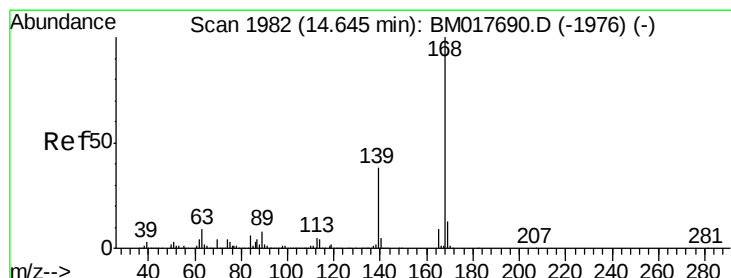
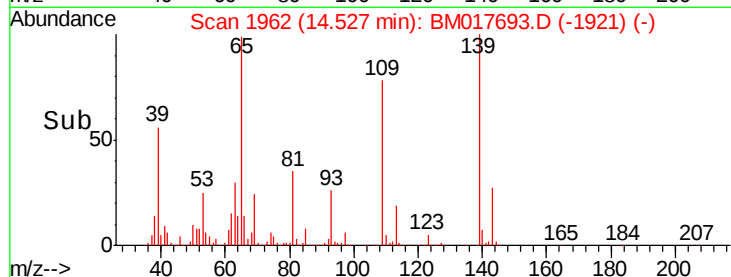
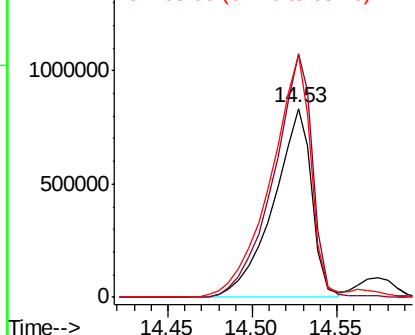
#52
4-Nitrophenol
Concen: 171.452 ng/ul
RT: 14.53 min Scan# 1962
Delta R.T. 0.04 min
Lab File: BM017693.D
Acq: 19 Nov 2018 21:26

Instrument :
BNA_M
ClientSampleId :
SSTD16056

Tgt Ion:109 Resp: 1319732
Ion Ratio Lower Upper
109 100
139 128.9 97.4 146.0
65 128.0 104.5 156.7

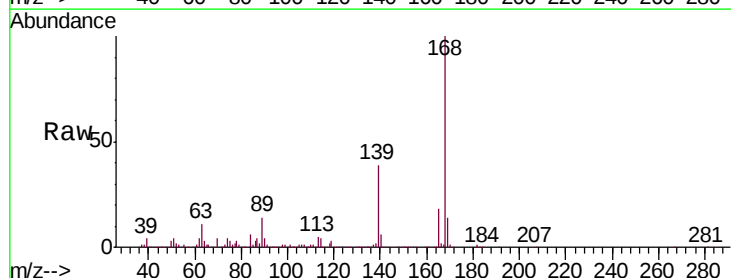


Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BM

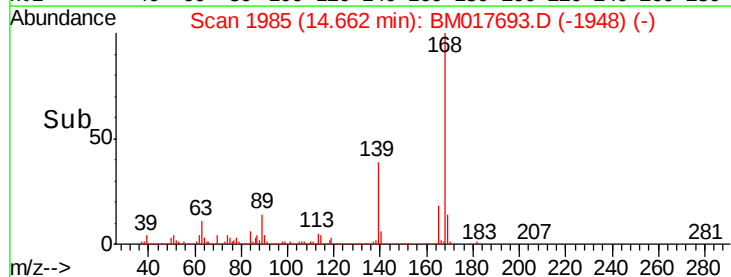
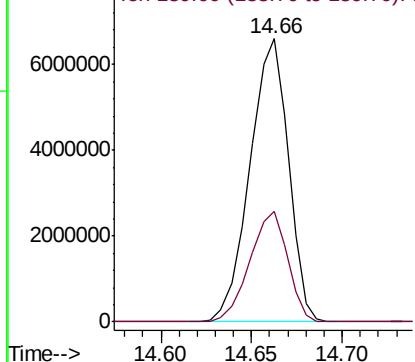


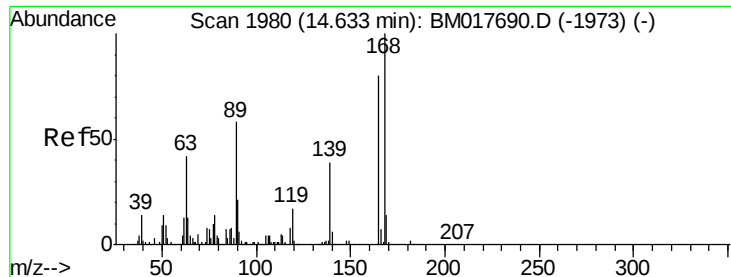
#53
Dibenzofuran
Concen: 160.424 ng/ul
RT: 14.66 min Scan# 1985
Delta R.T. 0.02 min
Lab File: BM017693.D
Acq: 19 Nov 2018 21:26

Tgt Ion:168 Resp: 9726119
Ion Ratio Lower Upper
168 100
139 38.9 30.6 46.0



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

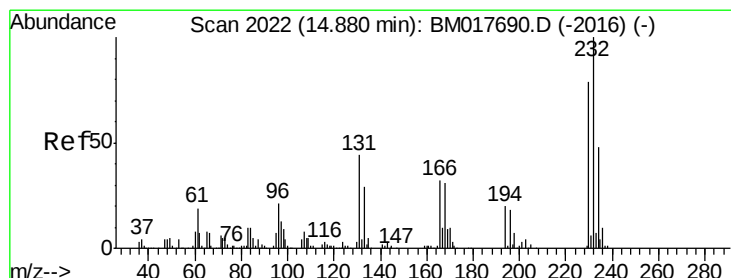
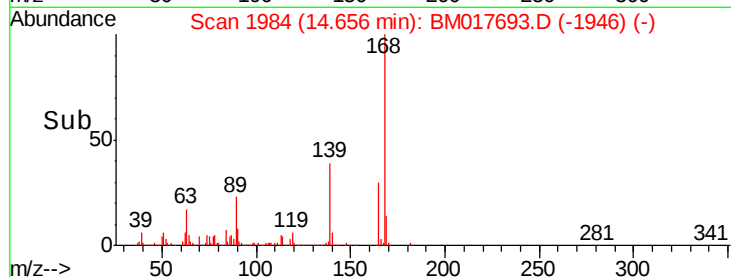
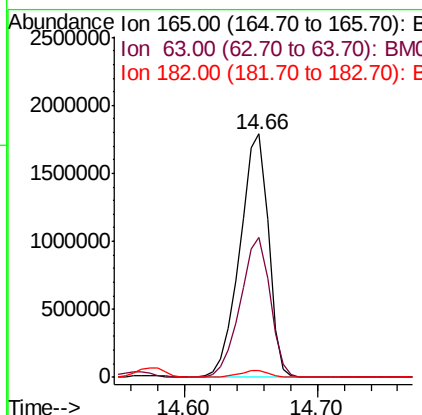
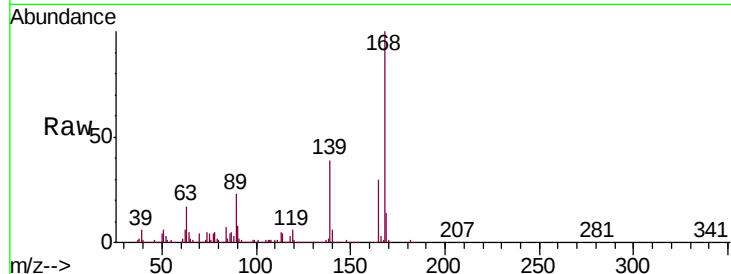




#54
 2,4-Dinitrotoluene
 Concen: 201.154 ng/ul
 RT: 14.66 min Scan# 1984
 Delta R.T. 0.02 min
 Lab File: BM017693.D
 Acq: 19 Nov 2018 21:26

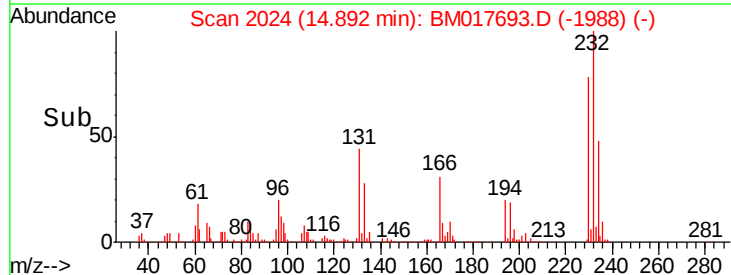
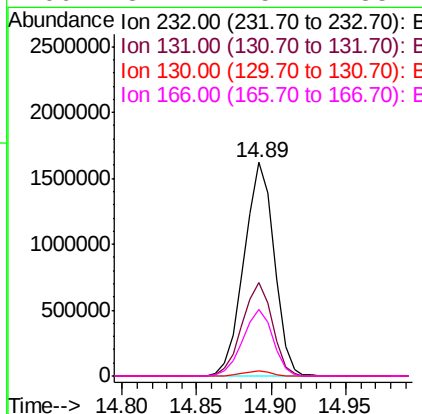
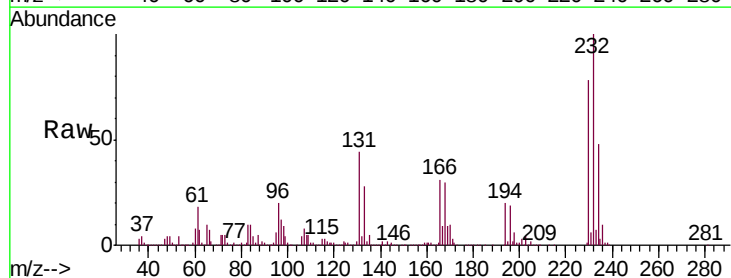
Instrument :
 BNA_M
 ClientSampleId :
 SSTD16056

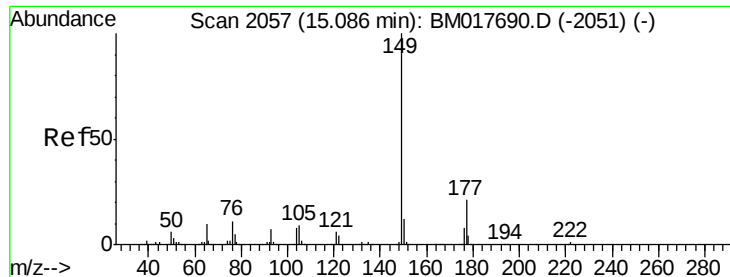
Tgt Ion:165 Resp: 2644632
 Ion Ratio Lower Upper
 165 100
 63 57.6 41.8 62.8
 182 3.0 2.2 3.2



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 199.831 ng/ul
 RT: 14.89 min Scan# 2024
 Delta R.T. 0.01 min
 Lab File: BM017693.D
 Acq: 19 Nov 2018 21:26

Tgt Ion:232 Resp: 2264358
 Ion Ratio Lower Upper
 232 100
 131 43.5 35.5 53.3
 130 2.3 2.1 3.1
 166 31.2 25.4 38.2

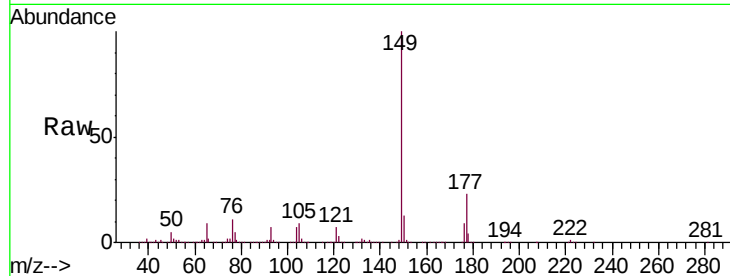




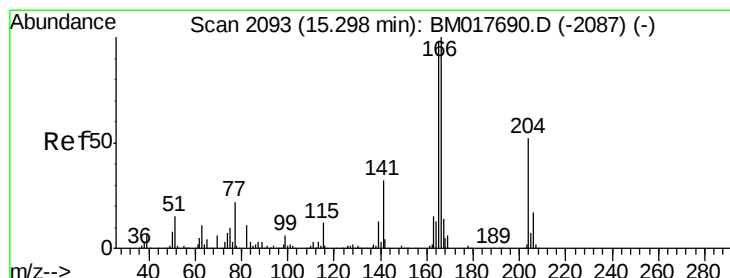
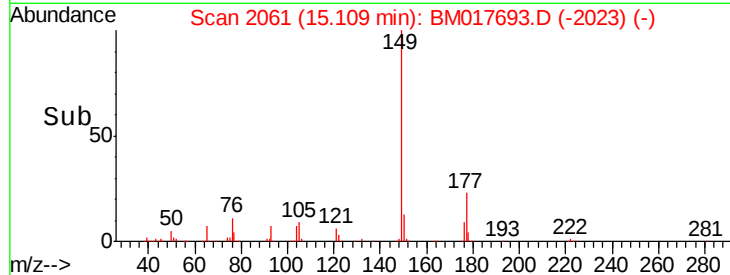
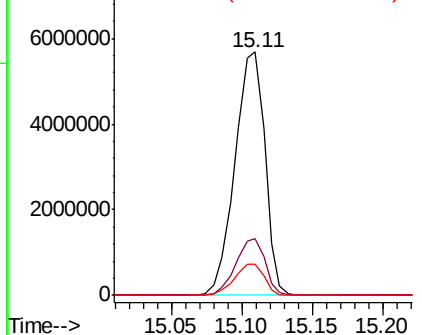
#56
Diethylphthalate
Concen: 192.969 ng/ul
RT: 15.11 min Scan# 2061
Delta R.T. 0.02 min
Lab File: BM017693.D
Acq: 19 Nov 2018 21:26

Instrument :
BNA_M
ClientSampleId :
SSTD16056

Tgt Ion:149 Resp: 8423300
Ion Ratio Lower Upper
149 100
177 23.4 17.0 25.6
150 12.8 10.0 15.0

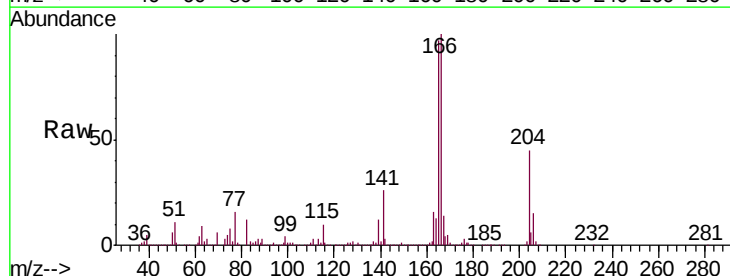


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

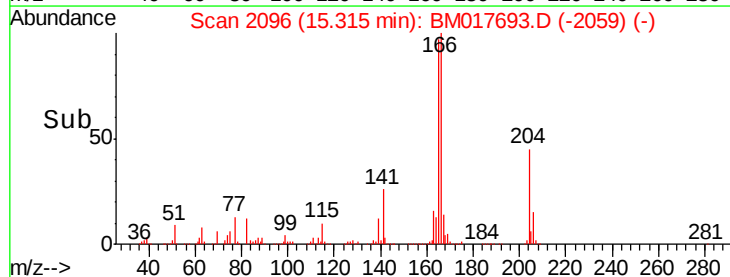
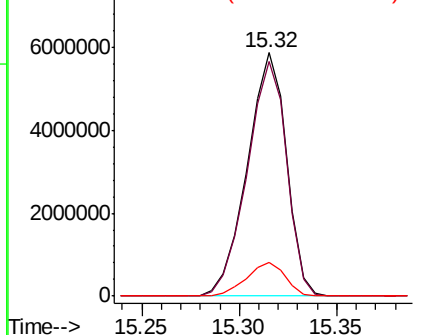


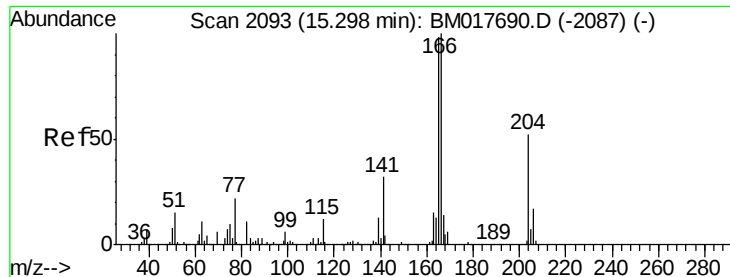
#58
Fluorene
Concen: 168.264 ng/ul
RT: 15.32 min Scan# 2096
Delta R.T. 0.02 min
Lab File: BM017693.D
Acq: 19 Nov 2018 21:26

Tgt Ion:166 Resp: 8149448
Ion Ratio Lower Upper
166 100
165 96.6 78.0 117.0
167 13.8 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

4-Chlorophenyl-phenylether

Concen: 174.813 ng/ul

RT: 15.31 min Scan# 2095

Delta R.T. 0.01 min

Lab File: BM017693.D

Acq: 19 Nov 2018 21:26

Instrument :

BNA_M

ClientSampleId :

SSTD16056

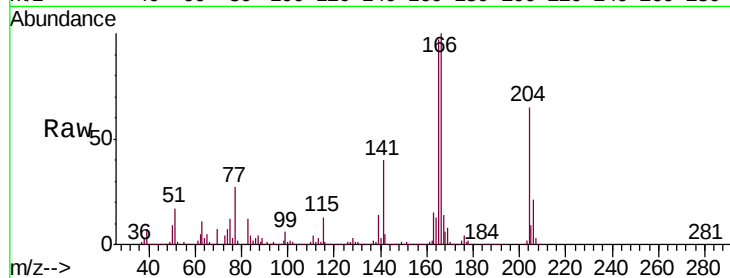
Tgt Ion:204 Resp: 4171107

Ion Ratio Lower Upper

204 100

206 33.1 25.6 38.4

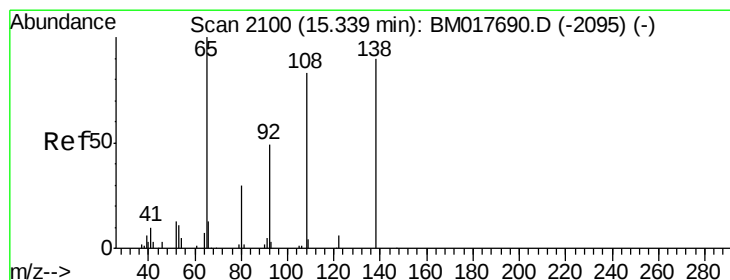
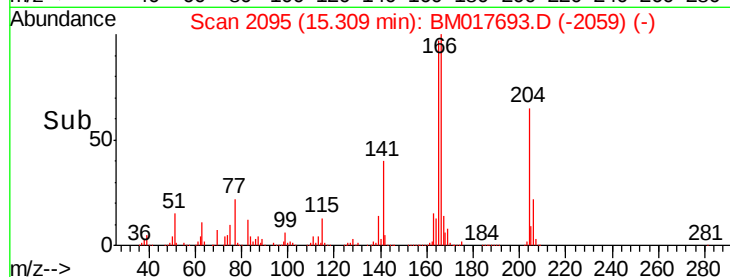
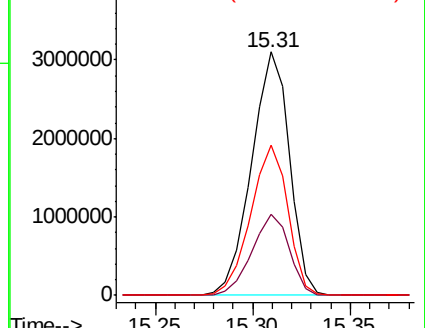
141 61.6 49.8 74.6



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#60

4-Nitroaniline

Concen: 190.743 ng/ul

RT: 15.39 min Scan# 2108

Delta R.T. 0.05 min

Lab File: BM017693.D

Acq: 19 Nov 2018 21:26

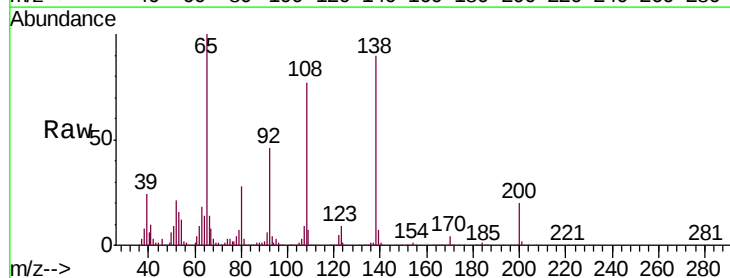
Tgt Ion:138 Resp: 1907181

Ion Ratio Lower Upper

138 100

92 51.3 42.8 64.2

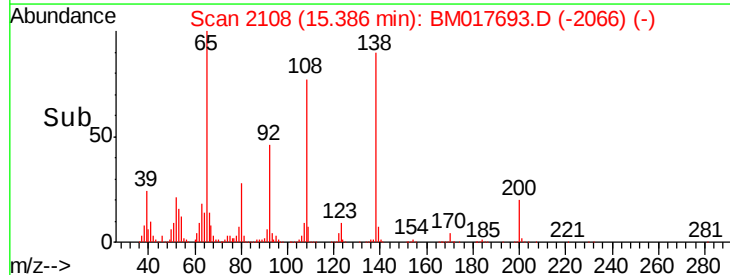
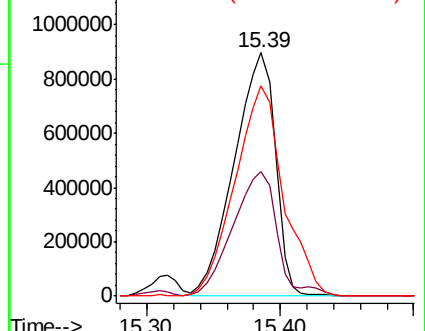
108 86.2 70.2 105.4

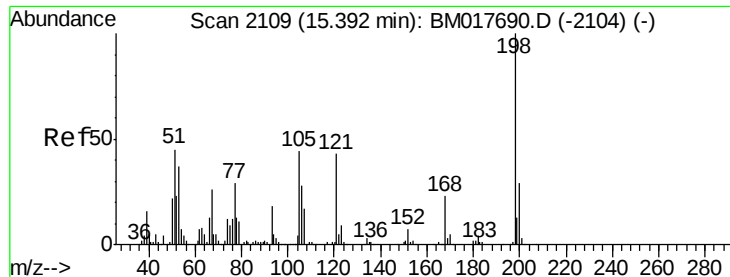


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E

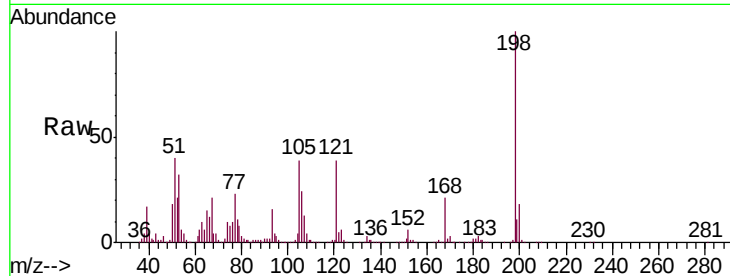




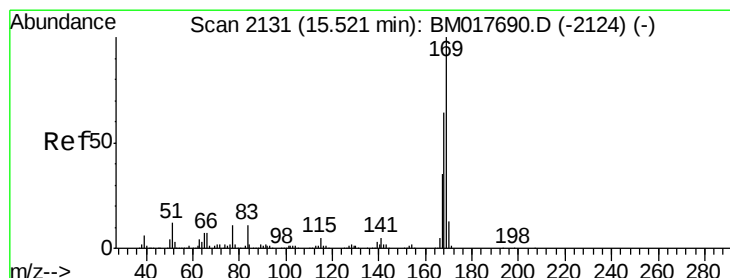
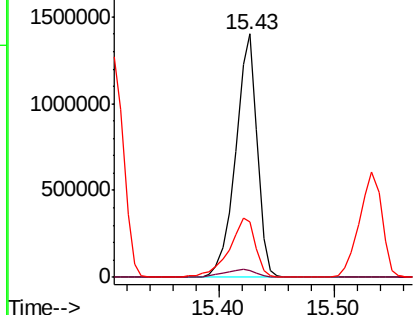
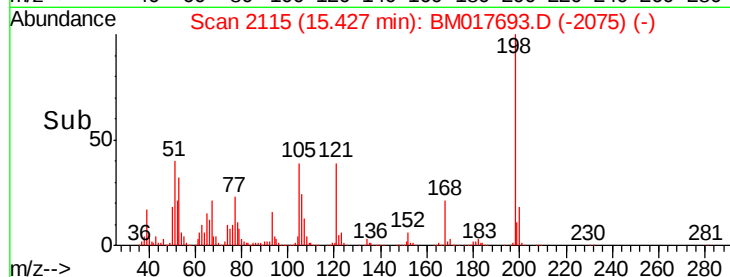
#63
 4,6-Dinitro-2-methylphenol
 Concen: 195.559 ng/ul
 RT: 15.43 min Scan# 2115
 Delta R.T. 0.04 min
 Lab File: BM017693.D
 Acq: 19 Nov 2018 21:26

Instrument :
 BNA_M
 ClientSampleId :
 SSTD16056

Tgt Ion:198 Resp: 1811980
 Ion Ratio Lower Upper
 198 100
 182 3.0 3.5 5.3#
 77 22.9 24.6 36.8#

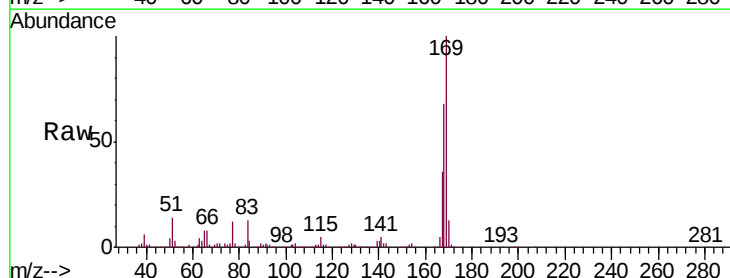


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): BM

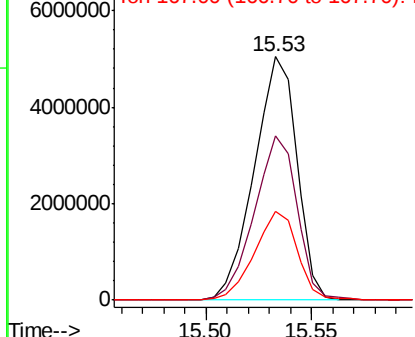
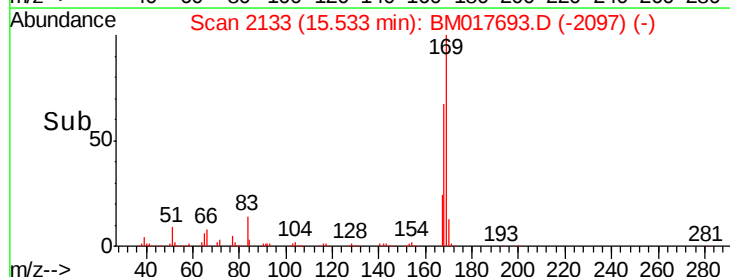


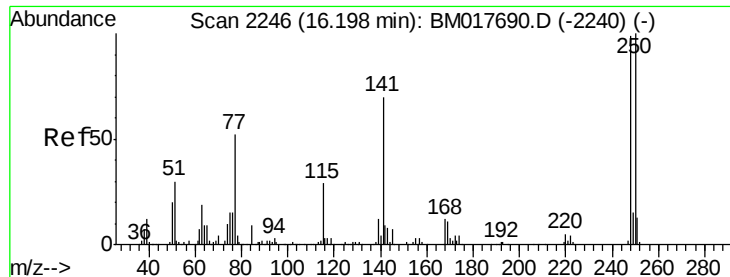
#64
 N-Nitrosodiphenylamine
 Concen: 167.447 ng/ul
 RT: 15.53 min Scan# 2133
 Delta R.T. 0.01 min
 Lab File: BM017693.D
 Acq: 19 Nov 2018 21:26

Tgt Ion:169 Resp: 7107433
 Ion Ratio Lower Upper
 169 100
 168 67.7 51.1 76.7
 167 36.4 27.8 41.8



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

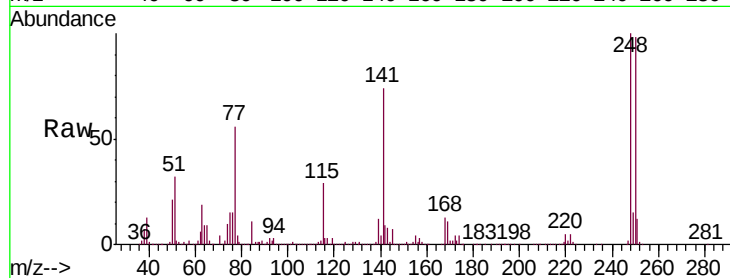




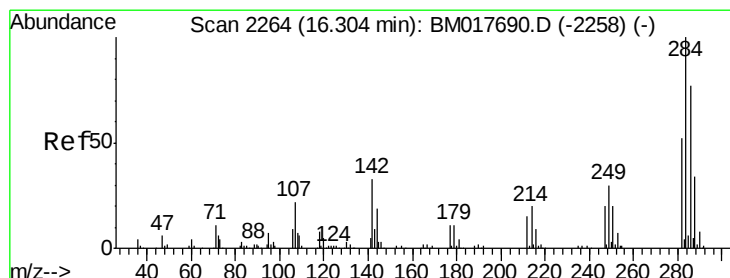
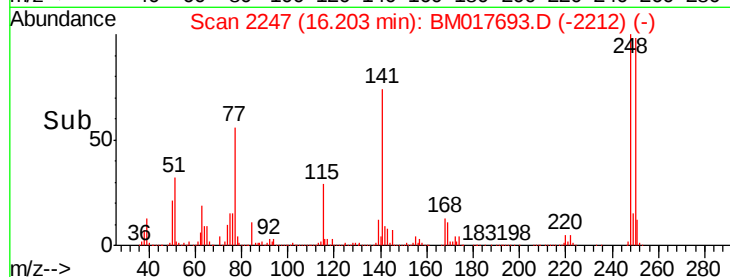
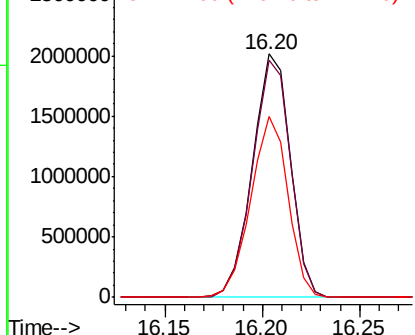
#65
4-Bromophenyl-phenylether
Concen: 182.673 ng/ul
RT: 16.20 min Scan# 2247
Delta R.T. 0.01 min
Lab File: BM017693.D
Acq: 19 Nov 2018 21:26

Instrument :
BNA_M
ClientSampled :
SSTD16056

Tgt Ion:248 Resp: 2719189
Ion Ratio Lower Upper
248 100
250 97.6 80.8 121.2
141 74.2 56.9 85.3

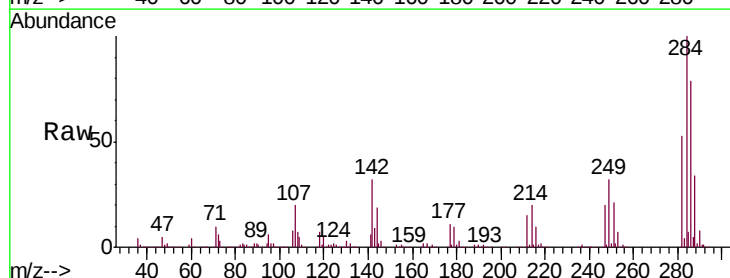


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

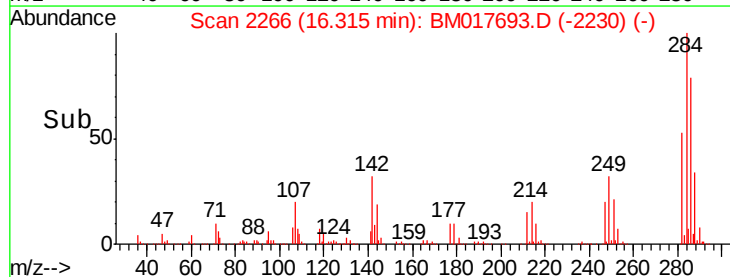
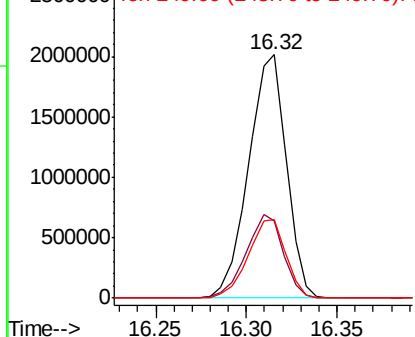


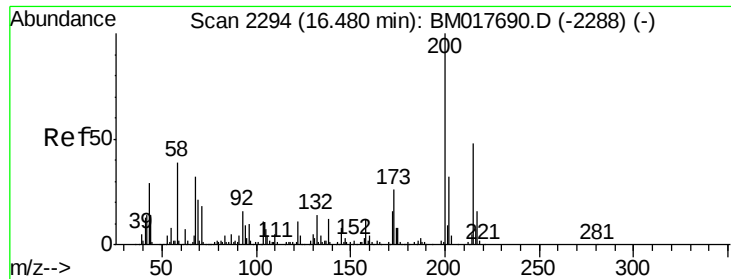
#66
Hexachlorobenzene
Concen: 165.149 ng/ul
RT: 16.32 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BM017693.D
Acq: 19 Nov 2018 21:26

Tgt Ion:284 Resp: 2916288
Ion Ratio Lower Upper
284 100
142 31.6 26.2 39.4
249 32.2 24.0 36.0



Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

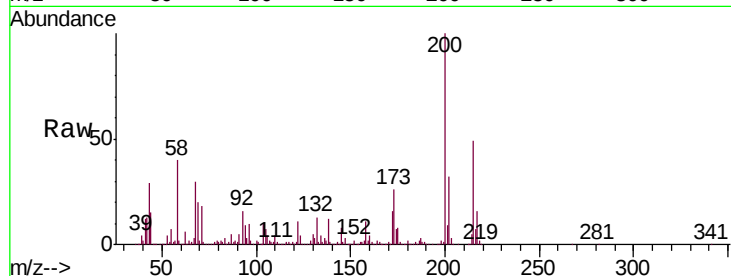




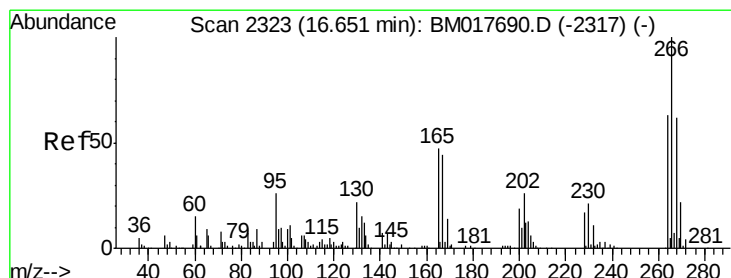
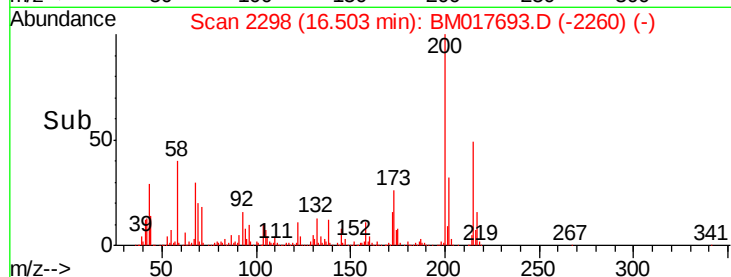
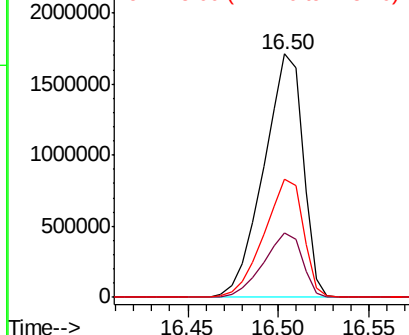
#67
Atrazine
Concen: 190.200 ng/u1
RT: 16.50 min Scan# 2298
Delta R.T. 0.02 min
Lab File: BM017693.D
Acq: 19 Nov 2018 21:26

Instrument :
BNA_M
ClientSampleId :
SSTD16056

Tgt Ion:200 Resp: 2580508
Ion Ratio Lower Upper
200 100
173 26.4 21.0 31.6
215 48.5 38.2 57.2

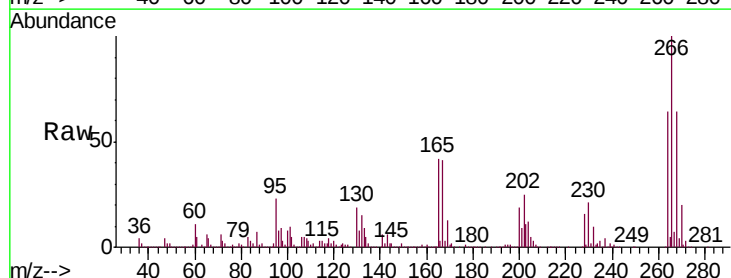


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

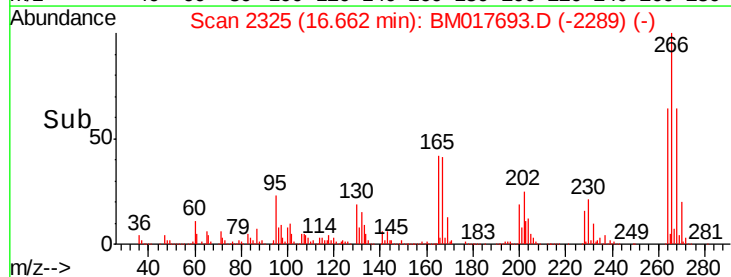
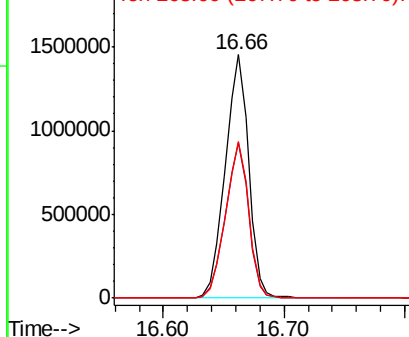


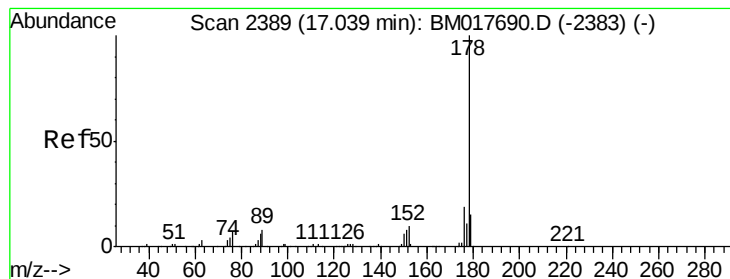
#68
Pentachlorophenol
Concen: 205.727 ng/u1
RT: 16.66 min Scan# 2325
Delta R.T. 0.01 min
Lab File: BM017693.D
Acq: 19 Nov 2018 21:26

Tgt Ion:266 Resp: 1959585
Ion Ratio Lower Upper
266 100
264 63.7 50.2 75.2
268 64.3 49.8 74.8



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#69

Phenanthrene

Concen: 154.200 ng/u1

RT: 17.06 min Scan# 2392

Delta R.T. 0.02 min

Lab File: BM017693.D

Acq: 19 Nov 2018 21:26

Instrument :

BNA_M

ClientSampleId :

SSTD16056

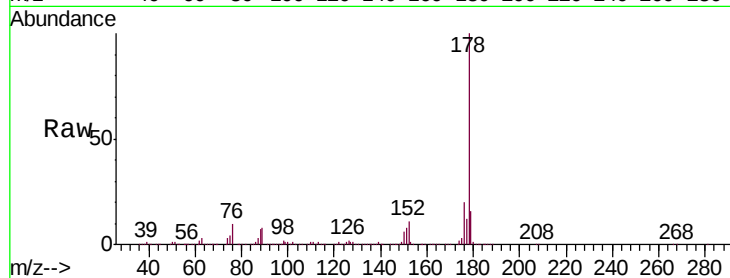
Tgt Ion:178 Resp:12445303

Ion Ratio Lower Upper

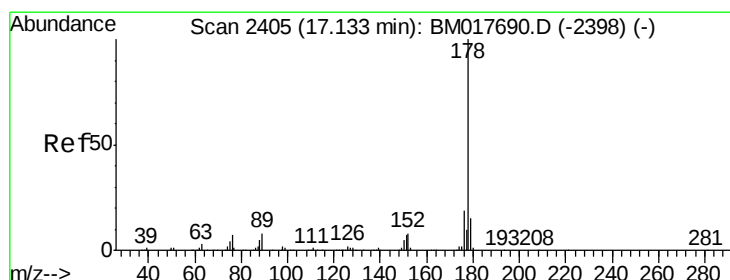
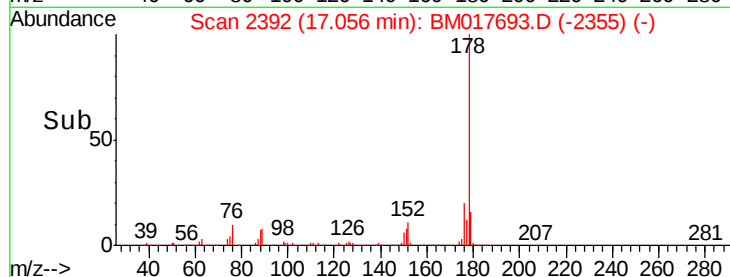
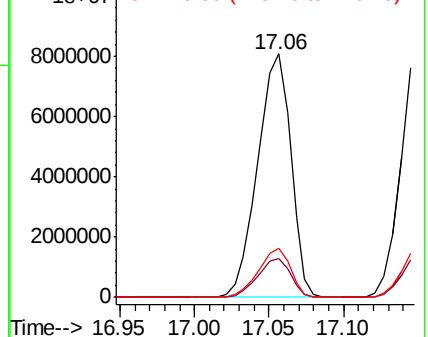
178 100

179 15.9 11.8 17.8

176 19.9 15.0 22.6



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 155.056 ng/u1

RT: 17.15 min Scan# 2408

Delta R.T. 0.02 min

Lab File: BM017693.D

Acq: 19 Nov 2018 21:26

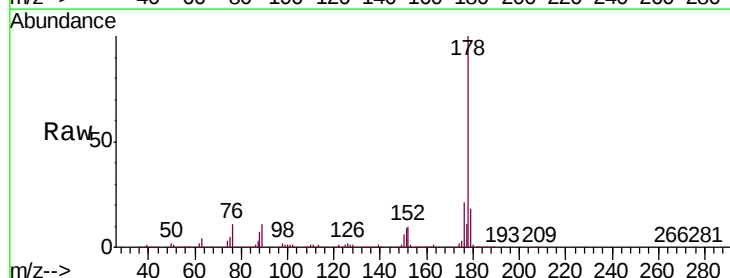
Tgt Ion:178 Resp:12482351

Ion Ratio Lower Upper

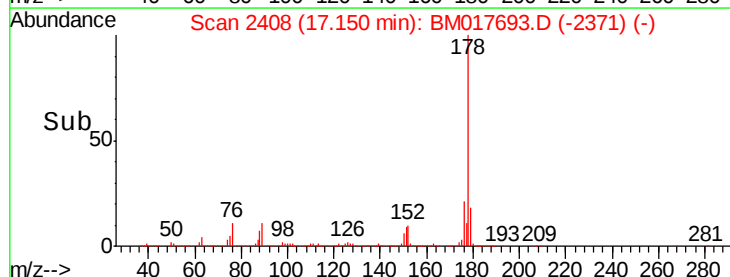
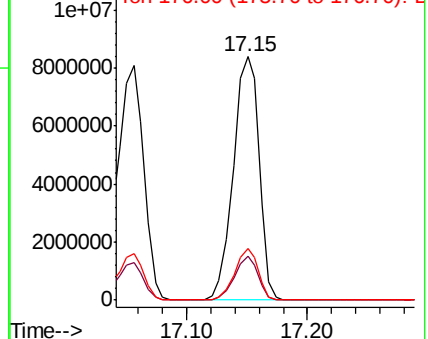
178 100

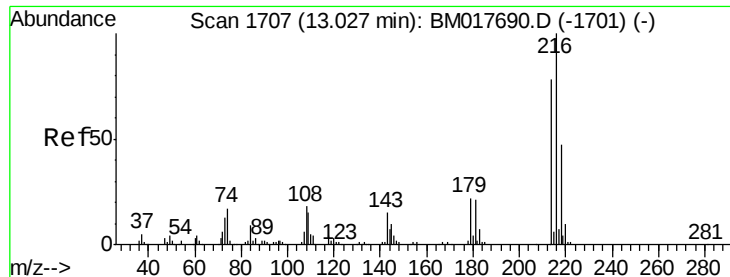
179 17.9 12.4 18.6

176 21.2 14.8 22.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

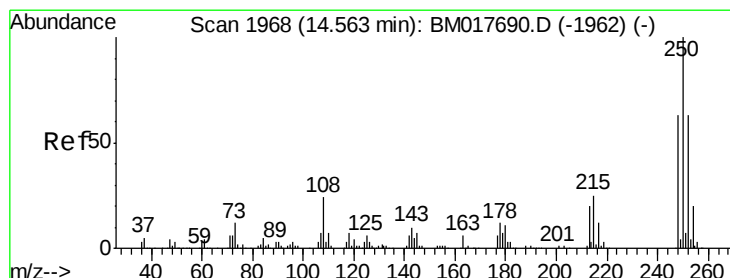
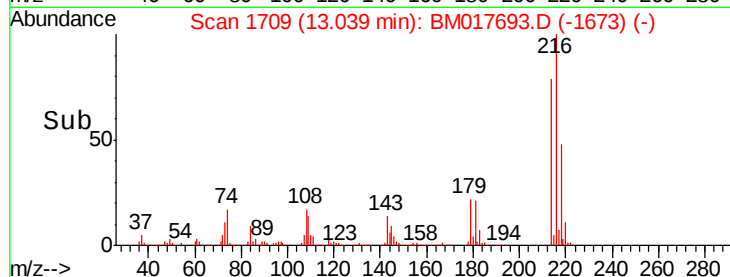
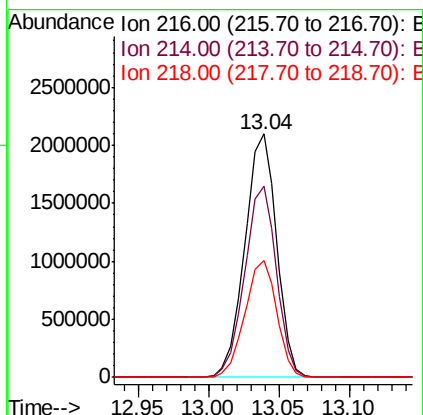
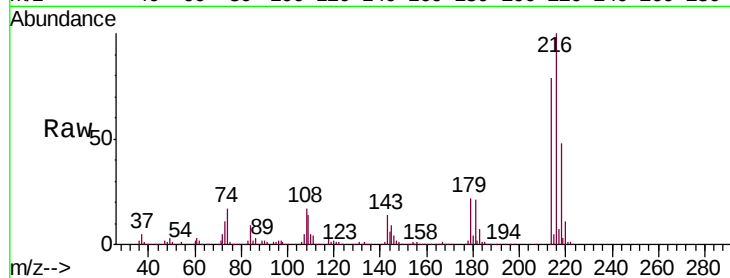




#72
 1,2,3,4-Tetrachlorobenzene
 Concen: 147.111 ng/uL
 RT: 13.04 min Scan# 1709
 Delta R.T. 0.01 min
 Lab File: BM017693.D
 Acq: 19 Nov 2018 21:26

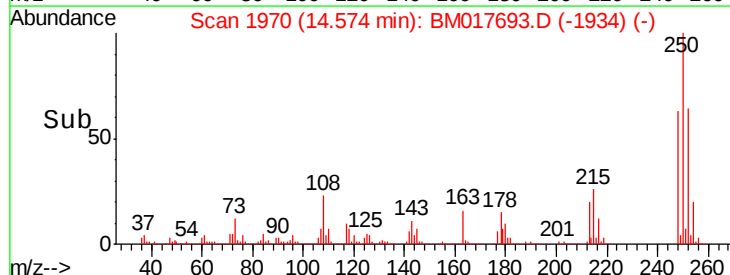
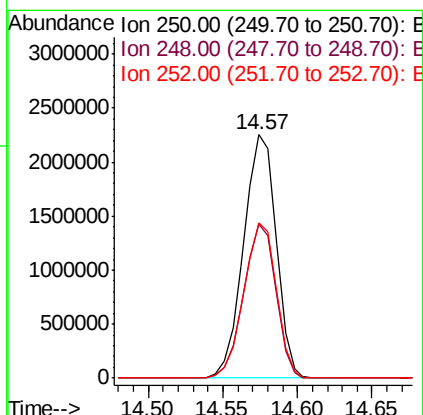
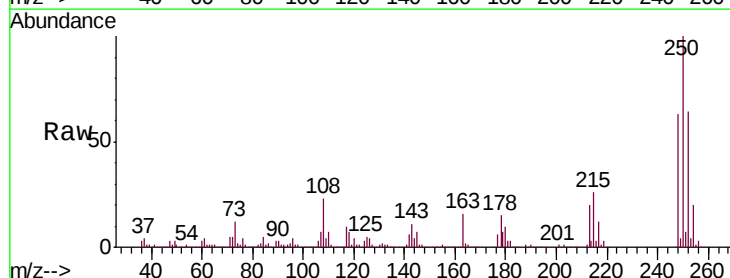
Instrument :
 BNA_M
 ClientSampleId :
 SSTD16056

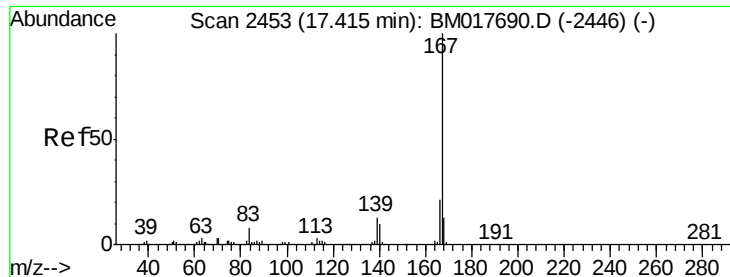
Tgt Ion:216 Resp: 3319703
 Ion Ratio Lower Upper
 216 100
 214 78.7 62.2 93.4
 218 48.1 37.9 56.9



#73
 Pentachlorobenzene
 Concen: 156.651 ng/uL
 RT: 14.57 min Scan# 1970
 Delta R.T. 0.01 min
 Lab File: BM017693.D
 Acq: 19 Nov 2018 21:26

Tgt Ion:250 Resp: 3397634
 Ion Ratio Lower Upper
 250 100
 248 63.5 50.5 75.7
 252 63.6 50.6 76.0





#74

Carbazole

Concen: 157.310 ng/ul

RT: 17.43 min Scan# 2455

Delta R.T. 0.01 min

Lab File: BM017693.D

Acq: 19 Nov 2018 21:26

Instrument :

BNA_M

ClientSampleId :

SSTD16056

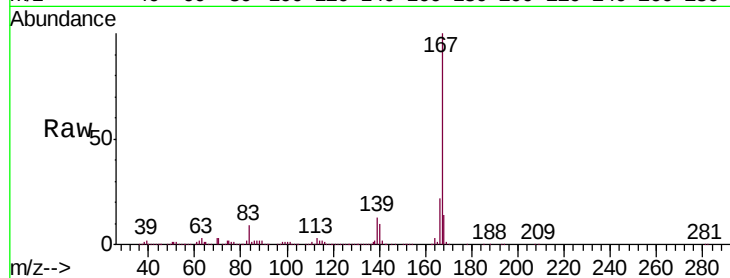
Tgt Ion:167 Resp:11399984

Ion Ratio Lower Upper

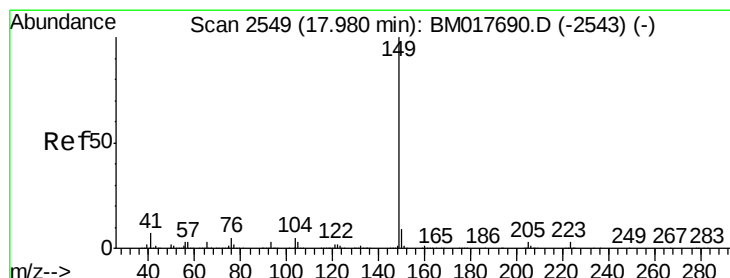
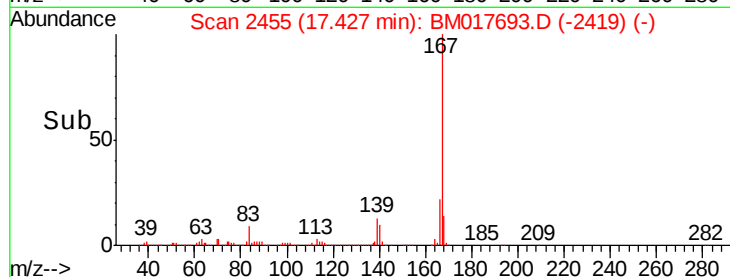
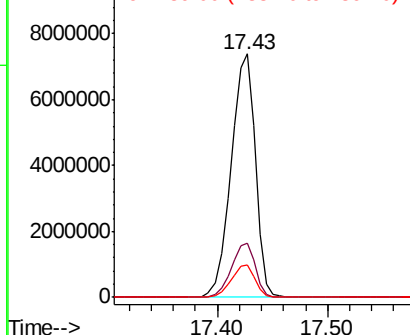
167 100

166 22.4 17.0 25.4

139 13.4 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E
1e+07 Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#75

Di-n-butylphthalate

Concen: 200.931 ng/ul

RT: 17.99 min Scan# 2550

Delta R.T. 0.01 min

Lab File: BM017693.D

Acq: 19 Nov 2018 21:26

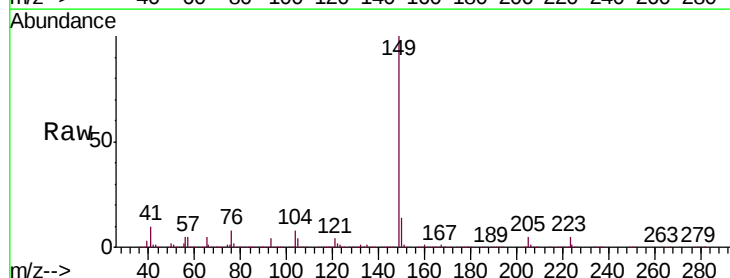
Tgt Ion:149 Resp:12673508

Ion Ratio Lower Upper

149 100

150 13.6 7.0 10.6#

104 7.7 4.2 6.4#



Abundance Ion 149.00 (148.70 to 149.70): E
1e+07 Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

