

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120718\
 Data File : BM017962.D
 Acq On : 06 Dec 2018 11:56
 Operator : JU/SJ
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02079

Quant Time: Dec 06 12:47:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 04 00:18:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	200428	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.33	136	785128	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.21	164	399336	20.00	ng/ul	-0.02
61) Phenanthrene-d10	16.97	188	845125	20.00	ng/ul	-0.02
77) Chrysene-d12	21.18	240	930471	20.00	ng/ul	-0.01
85) Perylene-d12	23.36	264	995651	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	35933	8.21	ng/uL	-0.02
5) Phenol-d5	6.75	99	320441	17.51	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	6.92	67	189232	17.14	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.10	132	275345	19.22	ng/ul	-0.02
13) 4-Methylphenol-d8	8.27	113	251072	16.79	ng/ul	-0.02
19) Nitrobenzene-d5	8.72	128	125462	20.80	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.43	143	144182	20.87	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	9.96	165	256707	19.52	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.48	131	219052	19.40	ng/ul	-0.02
43) Dimethylphthalate-d6	13.63	166	656519	18.95	ng/ul	-0.02
46) Acenaphthylene-d8	13.90	160	857453	20.45	ng/ul	-0.02
51) 4-Nitrophenol-d4	14.44	143	104079	16.52	ng/ul	-0.01
57) Fluorene-d10	15.21	176	561363	18.76	ng/ul	-0.02
62) 4,6-Dinitro-2-methylphenol	15.36	200	108618	17.98	ng/ul	-0.01
70) Anthracene-d10	17.07	188	829783	19.72	ng/ul	-0.02
78) Pyrene-d10	19.37	212	905544	20.11	ng/ul	-0.01
89) Benzo(a)pyrene-d12	23.22	264	1073548	19.88	ng/ul	-0.01

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.20	88	37034	7.926	ng/uL 89
4) Benzaldehyde	6.73	77	57327	16.795	ng/ul 91
6) Phenol	6.78	94	312800	17.120	ng/ul 94
8) Bis(2-Chloroethyl)ether	7.00	93	247489	17.730	ng/ul 96
10) 2-Chlorophenol	7.13	128	279050	19.501	ng/ul 96
11) 2-Methylphenol	8.01	108	242613	17.404	ng/ul 97
12) 2,2'-oxybis(1-Chloropropan	8.09	45	279302	16.959	ng/ul 100
14) Acetophenone	8.39	105	379954	16.298	ng/ul 96
15) N-Nitroso-di-n-propylamine	8.37	70	186222	15.316	ng/ul 98
16) 4-Methylphenol	8.34	108	253216	16.809	ng/ul 97
17) Hexachloroethane	8.62	117	116660	20.107	ng/ul 94
20) Nitrobenzene	8.76	77	277694	18.346	ng/ul 94
21) Isophorone	9.28	82	498240	17.694	ng/ul 99
23) 2-Nitrophenol	9.46	139	145962	20.298	ng/ul 94
24) 2,4-Dimethylphenol	9.52	107	282655	18.816	ng/ul 98
25) Bis(2-Chloroethoxy)methane	9.76	93	317256	18.412	ng/ul 98
27) 2,4-Dichlorophenol	9.99	162	243790	19.628	ng/ul 100
28) Naphthalene	10.38	128	822091	20.097	ng/ul 99
30) 4-Chloroaniline	10.51	127	222981	19.361	ng/ul 100
31) Hexachlorobutadiene	10.65	225	166951	20.239	ng/ul 98
32) Caprolactam	11.29	113	68013	16.551	ng/ul 98
33) 4-Chloro-3-methylphenol	11.64	107	241992	17.155	ng/ul 97
34) 2-Methylnaphthalene	12.00	142	561257	18.379	ng/ul 98

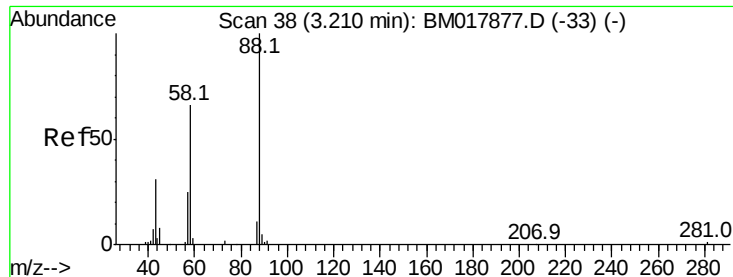
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.37	216	288671	21.664	ng/ul	97
37) Hexachlorocyclopentadiene	12.35	237	147487	17.164	ng/ul	97
38) 2,4,6-Trichlorophenol	12.63	196	179777	20.760	ng/ul	97
39) 2,4,5-Trichlorophenol	12.70	196	179457	19.376	ng/ul	97
40) 1,1'-Biphenyl	13.03	154	680100	20.689	ng/ul	100
41) 2-Chloronaphthalene	13.07	162	540139	21.005	ng/ul	98
42) 2-Nitroaniline	13.30	65	139218	18.592	ng/ul	95
44) Dimethylphthalate	13.68	163	633931	18.884	ng/ul	99
45) 2,6-Dinitrotoluene	13.80	165	129553	19.640	ng/ul	96
47) Acenaphthylene	13.93	152	802477	20.490	ng/ul	99
48) 3-Nitroaniline	14.14	138	121911	19.373	ng/ul	94
49) Acenaphthene	14.27	153	563495	19.964	ng/ul	99
50) 2,4-Dinitrophenol	14.36	184	62636	14.005	ng/ul	99
52) 4-Nitrophenol	14.46	109	79659	15.374	ng/ul	95
53) Dibenzofuran	14.62	168	770701	19.296	ng/ul	100
54) 2,4-Dinitrotoluene	14.60	165	189729	18.997	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	14.85	232	162373	19.014	ng/ul#	96
56) Diethylphthalate	15.06	149	621856	17.982	ng/ul	99
58) Fluorene	15.27	166	623304	18.714	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.27	204	318469	18.614	ng/ul	99
60) 4-Nitroaniline	15.32	138	125785	17.980	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.37	198	113670	18.256	ng/ul#	87
64) N-Nitrosodiphenylamine	15.49	169	539487	20.734	ng/ul	99
65) 4-Bromophenyl-phenylether	16.16	248	196637	20.362	ng/ul	96
66) Hexachlorobenzene	16.27	284	218089	20.317	ng/ul	98
67) Atrazine	16.45	200	183473	19.010	ng/ul	99
68) Pentachlorophenol	16.62	266	123048	18.425	ng/ul	98
69) Phenanthrene	17.01	178	958623	19.835	ng/ul	99
71) Anthracene	17.10	178	977701	19.781	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	12.99	216	279387	23.327	ng/uL	98
73) Pentachlorobenzene	14.53	250	263987	21.550	ng/uL	99
74) Carbazole	17.39	167	845039	19.403	ng/ul	99
75) Di-n-butylphthalate	17.95	149	1034264	18.792	ng/ul	99
76) Fluoranthene	19.04	202	1112580	19.572	ng/ul	99
79) Pvrene	19.40	202	1139871	20.180	ng/ul	98
80) Butylbenzylphthalate	20.32	149	474613	19.651	ng/ul	99
81) 3,3'-Dichlorobenzidine	21.11	252	371340	19.387	ng/ul	98
82) Benzo(a)anthracene	21.16	228	1145284	19.845	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.10	149	710226	19.858	ng/ul	99
84) Chrysene	21.22	228	1081739	20.042	ng/ul	99
86) Di-n-octyl phthalate	21.97	149	1224215	17.555	ng/ul	100
87) Benzo(b)fluoranthene	22.71	252	1221851	19.743	ng/ul	99
88) Benzo(k)fluoranthene	22.75	252	1109465	18.445	ng/ul	99
90) Benzo(a)pyrene	23.26	252	1150286	19.599	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.51	276	1412897	22.720	ng/ul	99
92) Dibenzo(a,h)anthracene	25.53	278	1178903	22.453	ng/ul	99
93) Benzo(g,h,i)perylene	26.18	276	1193575	23.748	ng/ul	98

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



#2

1,4-Dioxane

Concen: 7.926 ng/uL

RT: 3.20 min Scan# 36

Delta R.T. -0.01 min

Lab File: BM017962.D

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Instrument :

BNA_M

ClientSampleId :

SSTD02079

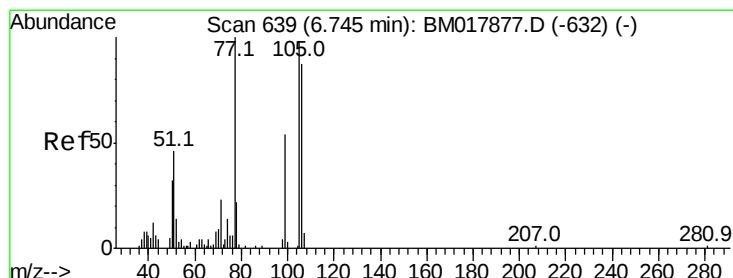
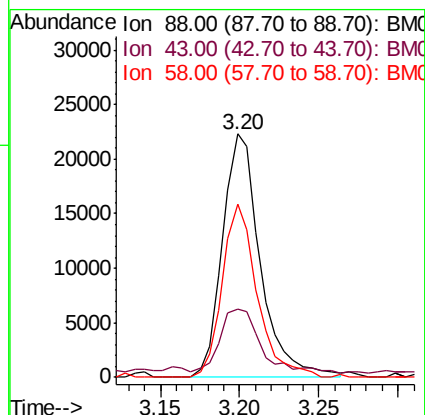
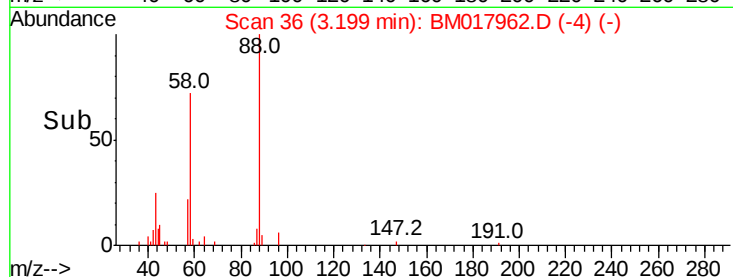
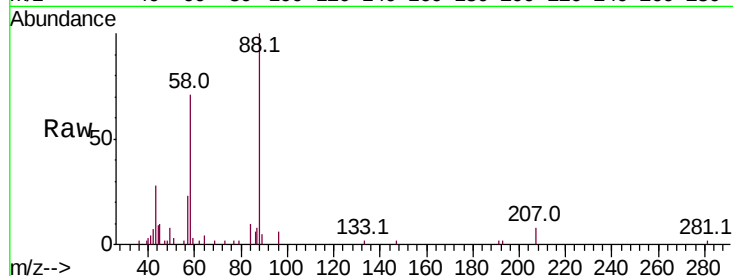
Tot Ion: 88 Resp: 37034

Ion Ratio Lower Upper

88 100

43 28.2 27.4 41.0

58 71.2 50.2 75.4



#4

Benzaldehyde

Concen: 16.795 ng/uL

RT: 6.73 min Scan# 636

Delta R.T. -0.02 min

Lab File: BM017962.D

Acq: 06 Dec 2018 11:56

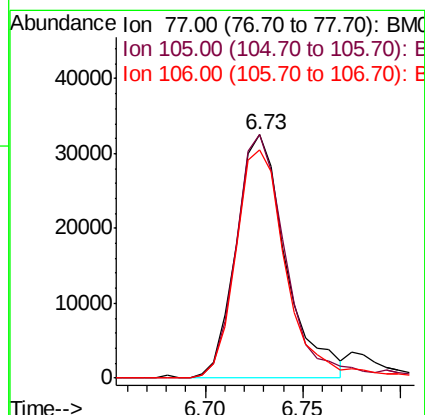
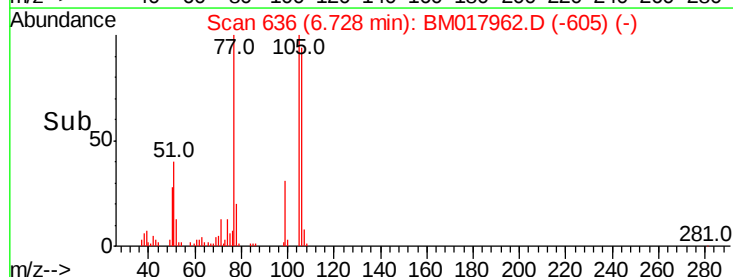
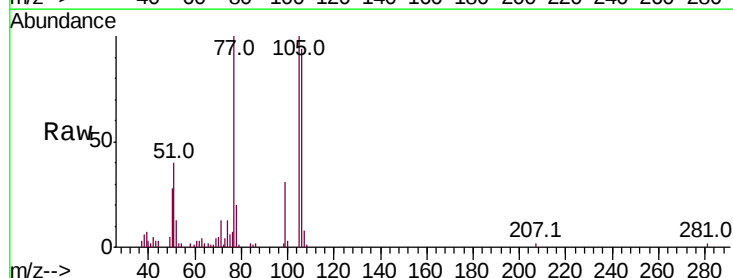
Tgt Ion: 77 Resp: 57327

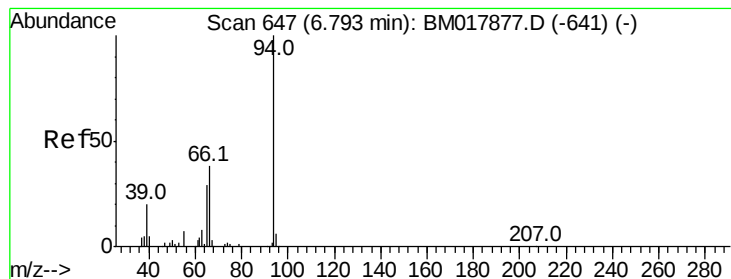
Ion Ratio Lower Upper

77 100

105 100.0 74.4 111.6

106 93.5 67.4 101.2





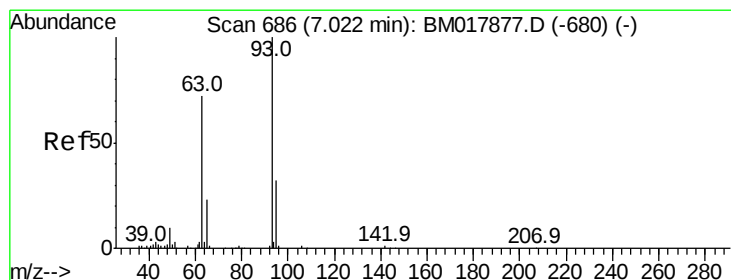
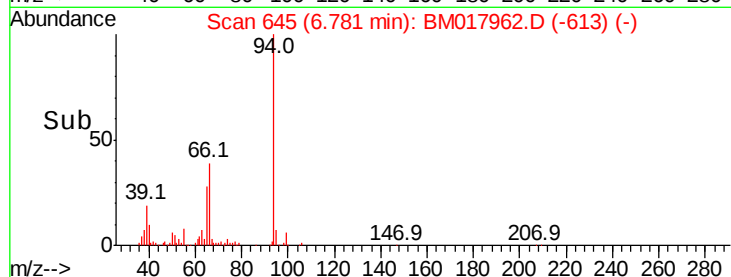
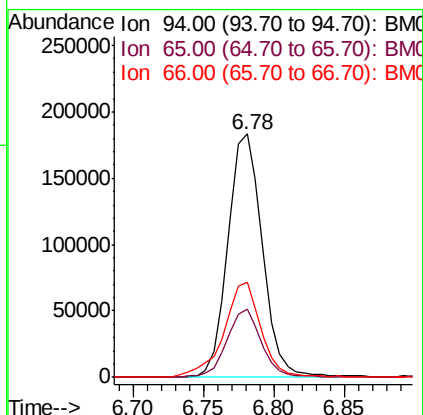
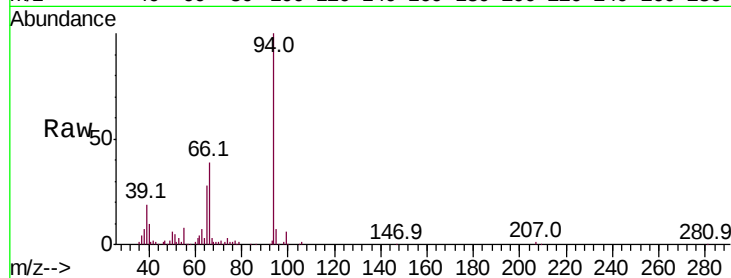
#6

Phenol

Concen: 17.120 ng/ul
 RT: 6.78 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BM017962.D
 Acq: 06 Dec 2018 11:56

Instrument :
 BNA_M
 ClientSampleId :
 SST02079

Tot Ion: 94 Resp: 312800
 Ion Ratio Lower Upper
 94 100
 65 27.8 24.7 37.1
 66 39.0 34.6 51.8

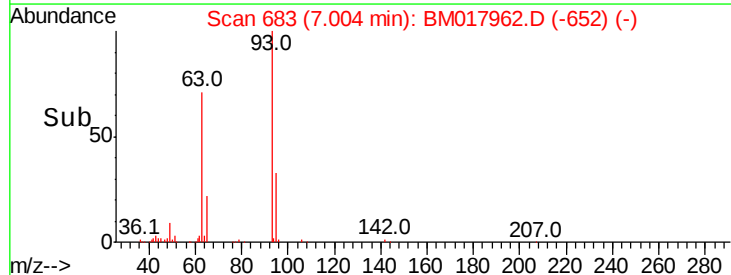
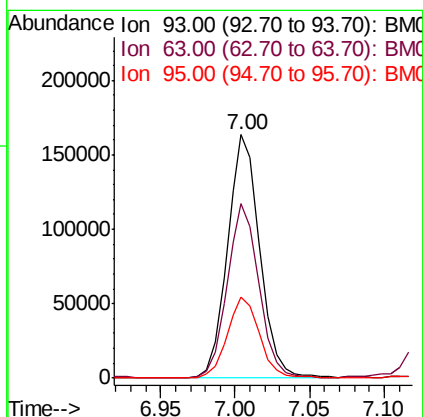
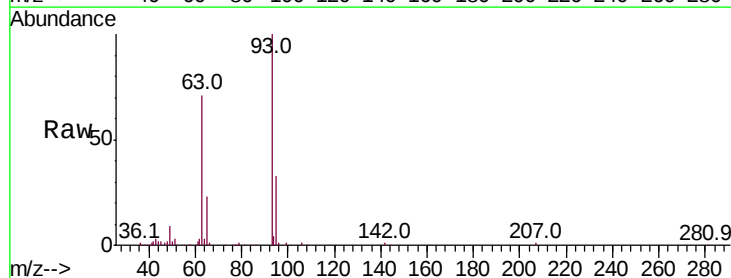


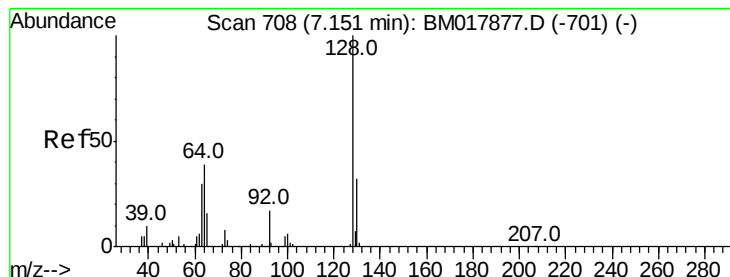
#8

Bis(2-Chloroethyl)ether

Concen: 17.730 ng/ul
 RT: 7.00 min Scan# 683
 Delta R.T. -0.02 min
 Lab File: BM017962.D
 Acq: 06 Dec 2018 11:56

Tgt Ion: 93 Resp: 247489
 Ion Ratio Lower Upper
 93 100
 63 71.4 60.6 90.8
 95 33.1 25.4 38.2





#10

2-Chlorophenol

Concen: 19.501 ng/ul

RT: 7.13 min Scan# 705

Delta R.T. -0.02 min

Lab File: BM017962.D

Acq: 06 Dec 2018 11:56

Instrument :

BNA_M

ClientSampleId :

SSTD02079

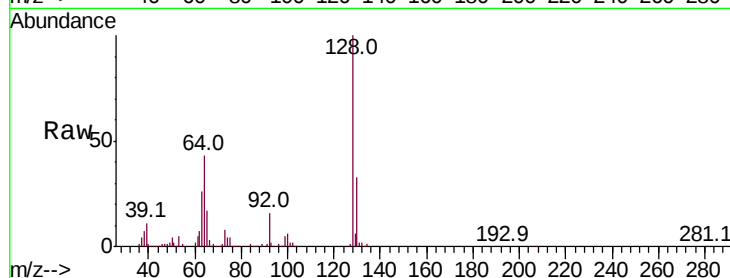
Tot Ion:128 Resp: 279050

Ion Ratio Lower Upper

128 100

64 42.8 36.8 55.2

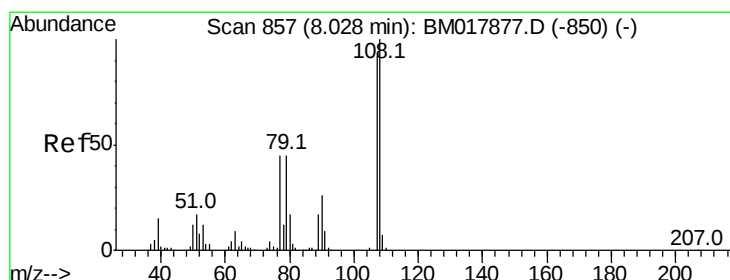
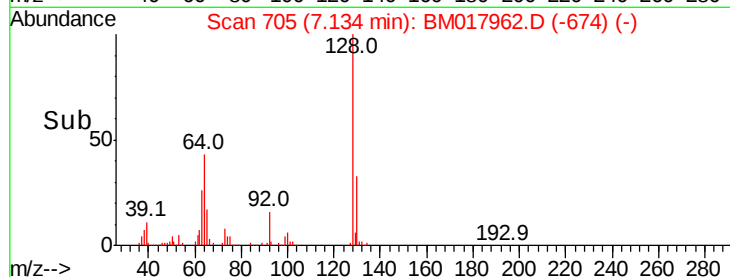
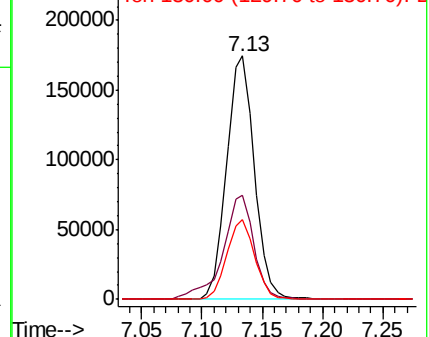
130 33.0 25.0 37.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 17.404 ng/ul

RT: 8.01 min Scan# 854

Delta R.T. -0.02 min

Lab File: BM017962.D

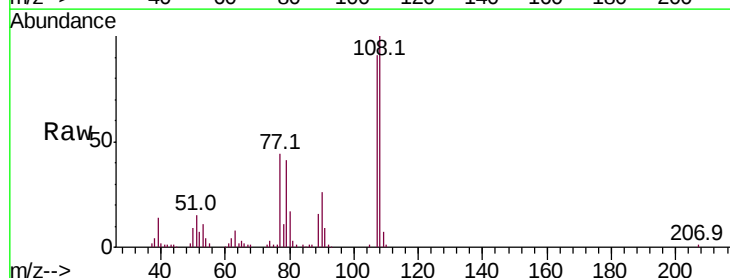
Acq: 06 Dec 2018 11:56

Tgt Ion:108 Resp: 242613

Ion Ratio Lower Upper

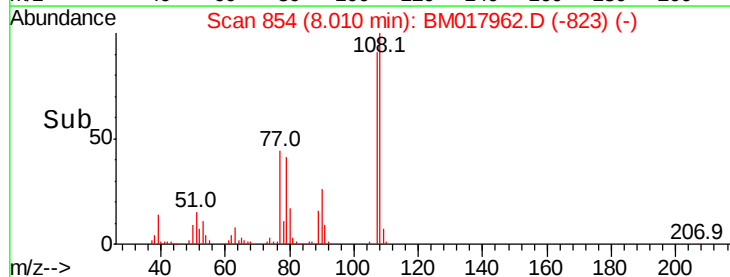
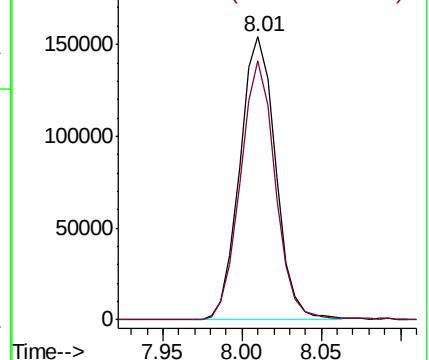
108 100

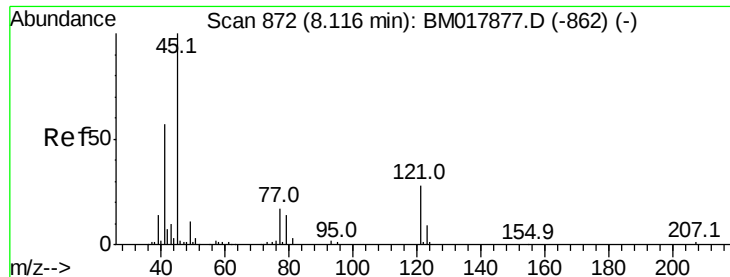
107 91.3 70.8 106.2



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

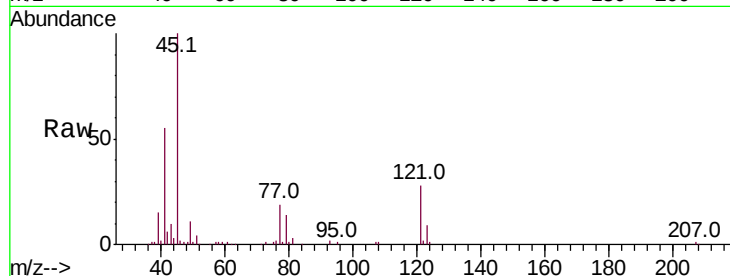




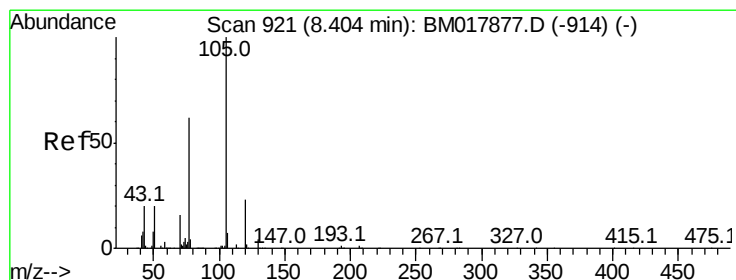
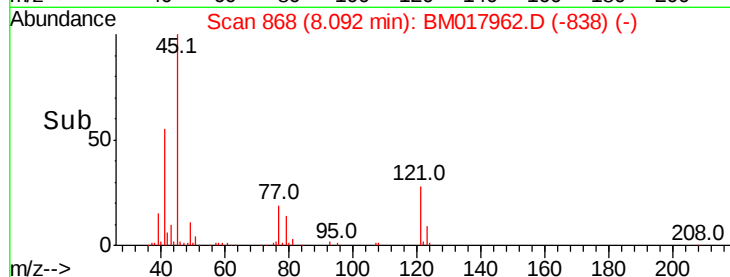
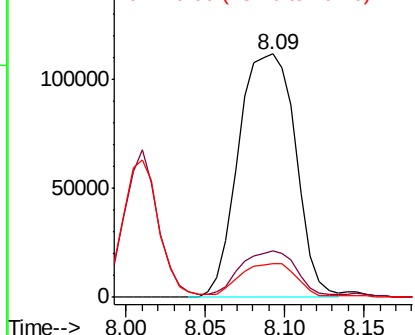
#12
2,2'-oxvbis(1-Chloropropane)
Concen: 16.959 ng/ul
RT: 8.09 min Scan# 868
Delta R.T. -0.02 min
Lab File: BM017962.D
Acq: 06 Dec 2018 11:56

Instrument :
BNA_M
ClientSampleId :
SSTD02079

Tot Ion: 45 Resp: 279302
Ion Ratio Lower Upper
45 100
77 18.9 15.3 22.9
79 14.0 11.4 17.0

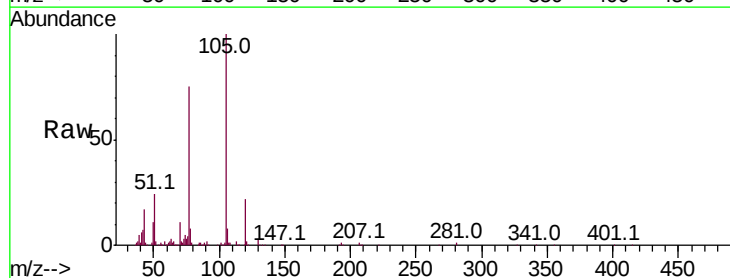


Abundance Ion 45.00 (44.70 to 45.70): BM0
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

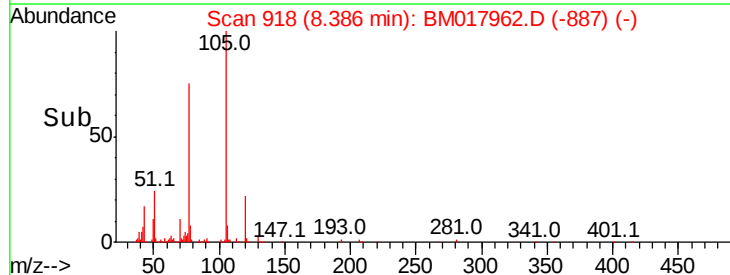
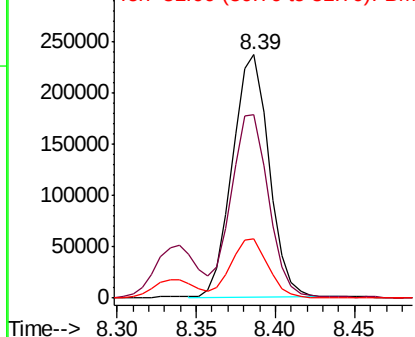


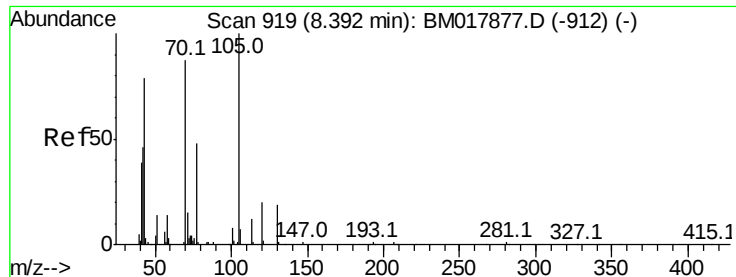
#14
Acetophenone
Concen: 16.298 ng/ul
RT: 8.39 min Scan# 918
Delta R.T. -0.02 min
Lab File: BM017962.D
Acq: 06 Dec 2018 11:56

Tgt Ion:105 Resp: 379954
Ion Ratio Lower Upper
105 100
77 75.4 63.0 94.6
51 24.1 21.3 31.9



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 51.00 (50.70 to 51.70): BM0





#15

N-Nitroso-di-n-propylamine

Concen: 15.316 ng/ul

RT: 8.37 min Scan# 915

Delta R.T. -0.02 min

Lab File: BM017962.D

Acq: 06 Dec 2018 11:56

Instrument :

BNA_M

ClientSampleId :

SSTD02079

Tot Ion: 70 Resp: 186222

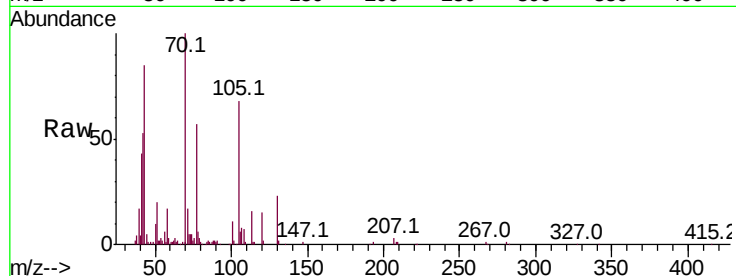
Ion Ratio Lower Upper

70 100

42 52.5 42.7 64.1

101 10.6 7.6 11.4

130 23.1 16.7 25.1

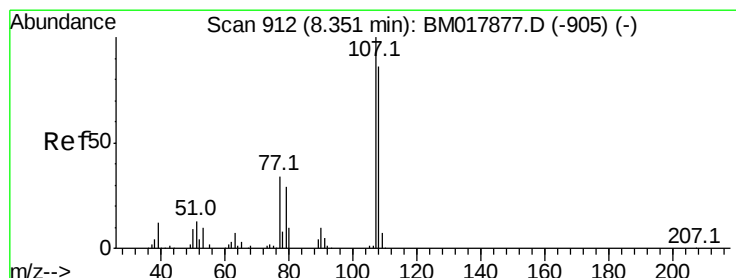
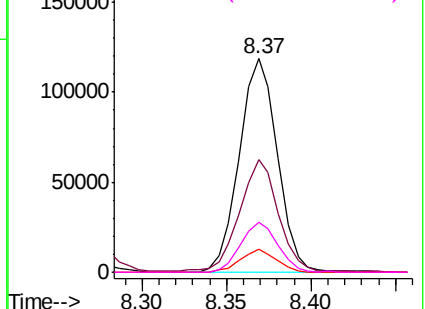
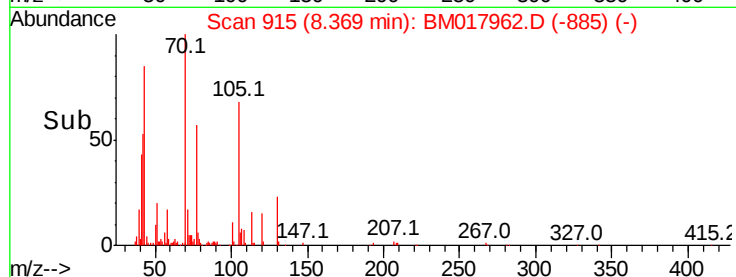


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#16

4-Methylphenol

Concen: 16.809 ng/ul

RT: 8.34 min Scan# 910

Delta R.T. -0.01 min

Lab File: BM017962.D

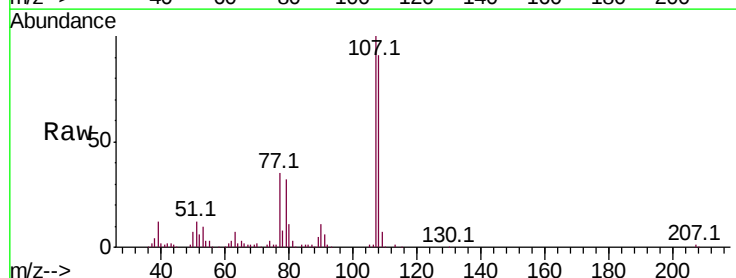
Acq: 06 Dec 2018 11:56

Tgt Ion:108 Resp: 253216

Ion Ratio Lower Upper

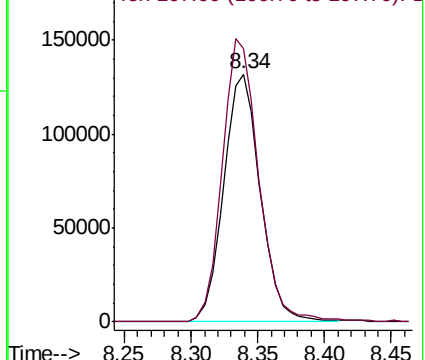
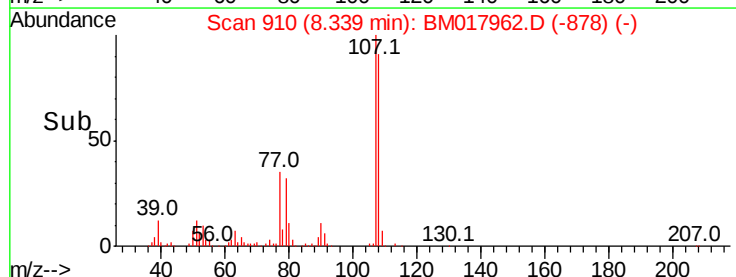
108 100

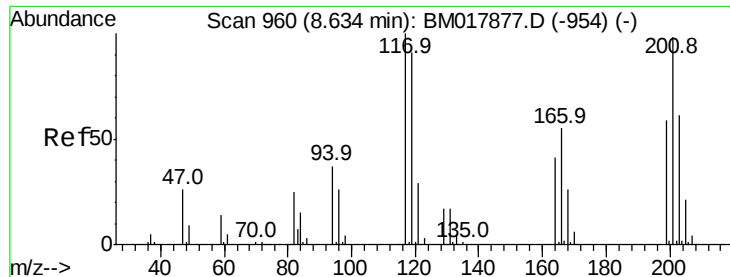
107 110.4 91.3 136.9



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#17

Hexachloroethane

Concen: 20.107 ng/ul

RT: 8.62 min Scan# 957

Delta R.T. -0.02 min

Lab File: BM017962.D

Acq: 06 Dec 2018 11:56

Instrument :

BNA_M

ClientSampleID :

SSTD02079

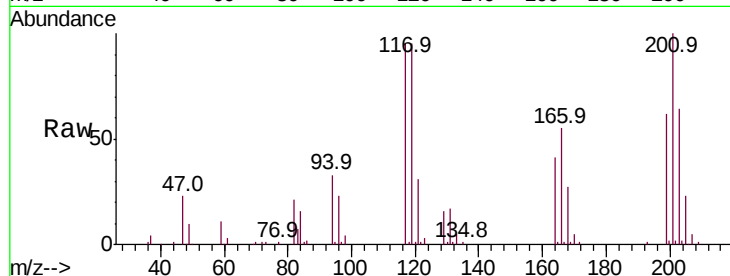
Tot Ion:117 Resp: 116660

Ion Ratio Lower Upper

117 100

201 105.1 78.2 117.2

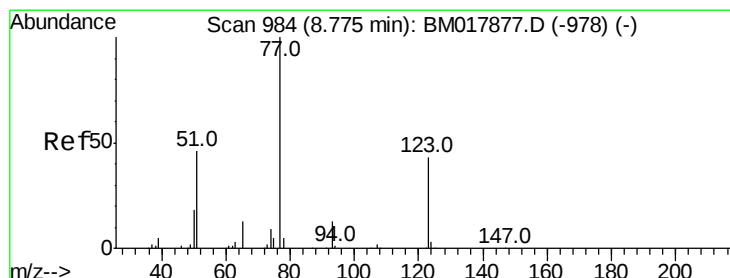
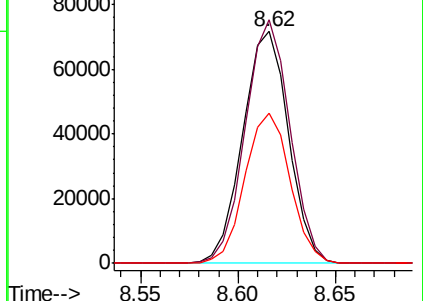
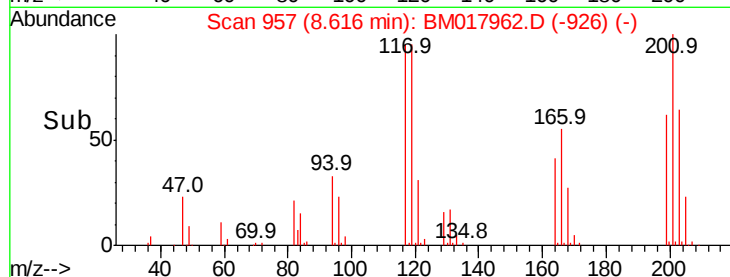
199 65.0 49.5 74.3



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: 18.346 ng/ul

RT: 8.76 min Scan# 981

Delta R.T. -0.02 min

Lab File: BM017962.D

Acq: 06 Dec 2018 11:56

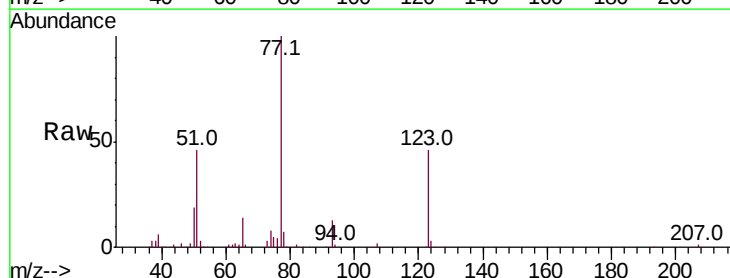
Tgt Ion: 77 Resp: 277694

Ion Ratio Lower Upper

77 100

123 46.5 33.1 49.7

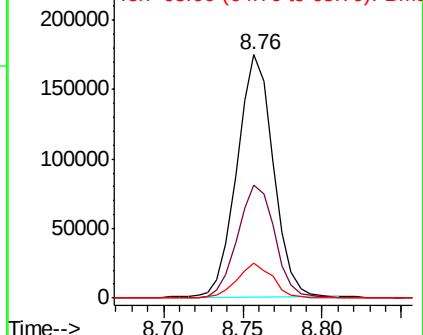
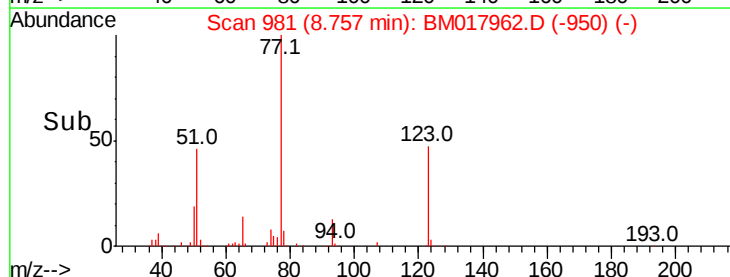
65 14.3 11.0 16.6

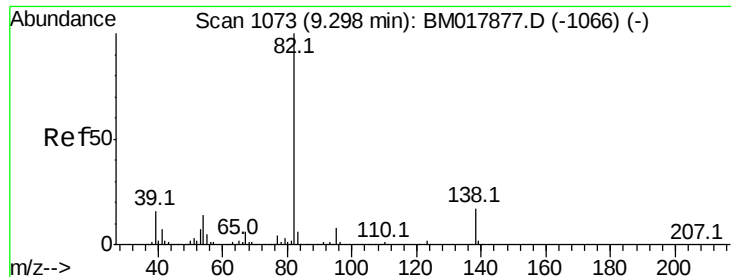


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 17.694 ng/ul

RT: 9.28 min Scan# 1070

Delta R.T. -0.02 min

Lab File: BM017962.D

Acq: 06 Dec 2018 11:56

Instrument :

BNA_M

ClientSampleId :

SSTD02079

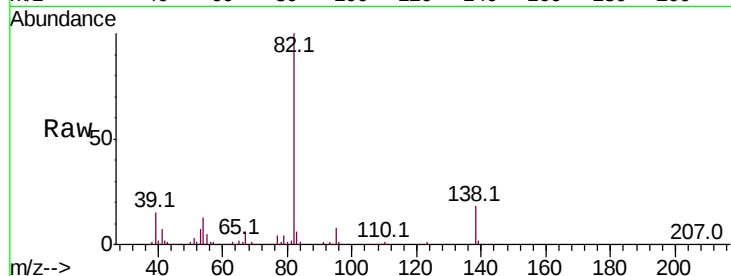
Tot Ion: 82 Resp: 498240

Ion Ratio Lower Upper

82 100

95 7.9 6.1 9.1

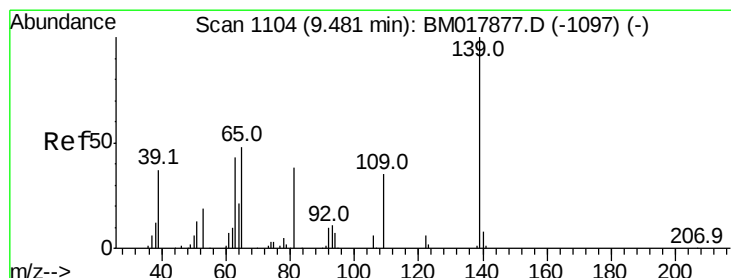
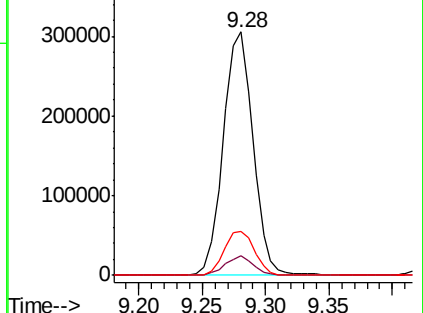
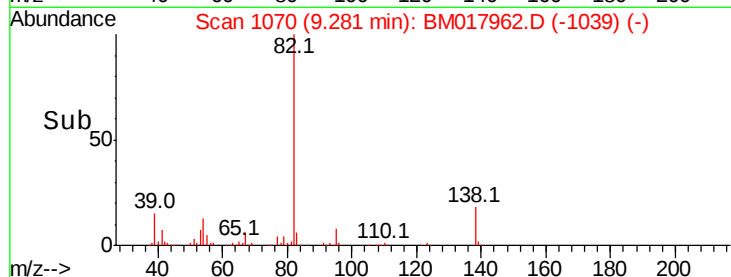
138 18.0 14.2 21.2



Abundance Ion 82.00 (81.70 to 82.70): BM017877.D (-1066) (-)

Ion 95.00 (94.70 to 95.70): BM017877.D (-1066) (-)

Ion 138.00 (137.70 to 138.70): BM017877.D (-1066) (-)



#23

2-Nitrophenol

Concen: 20.298 ng/ul

RT: 9.46 min Scan# 1101

Delta R.T. -0.02 min

Lab File: BM017962.D

Acq: 06 Dec 2018 11:56

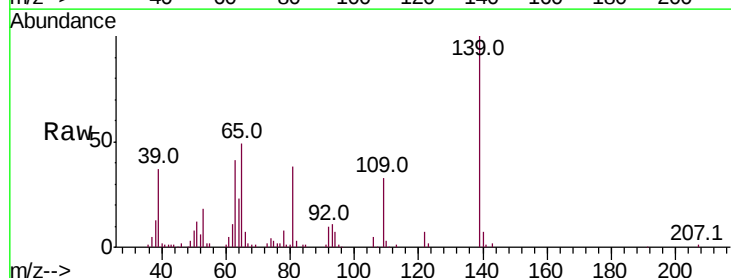
Tgt Ion: 139 Resp: 145962

Ion Ratio Lower Upper

139 100

65 48.8 44.2 66.4

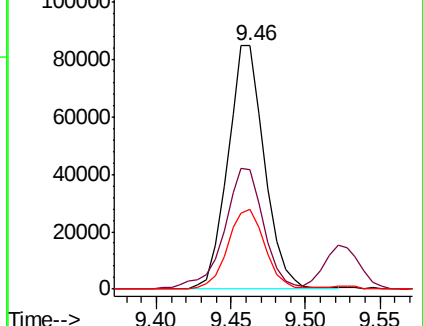
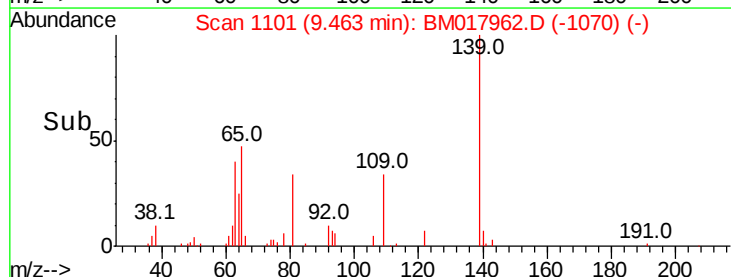
109 32.7 26.4 39.6

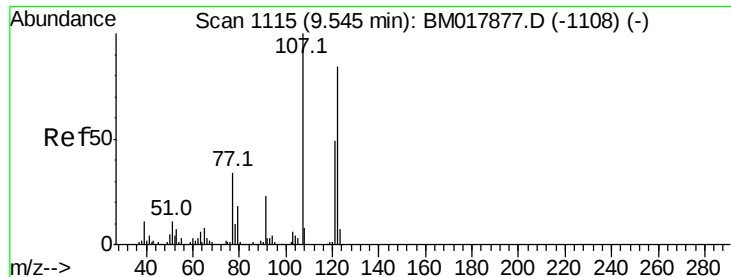


Abundance Ion 139.00 (138.70 to 139.70): BM017877.D (-1097) (-)

Ion 65.00 (64.70 to 65.70): BM017877.D (-1097) (-)

Ion 109.00 (108.70 to 109.70): BM017877.D (-1097) (-)

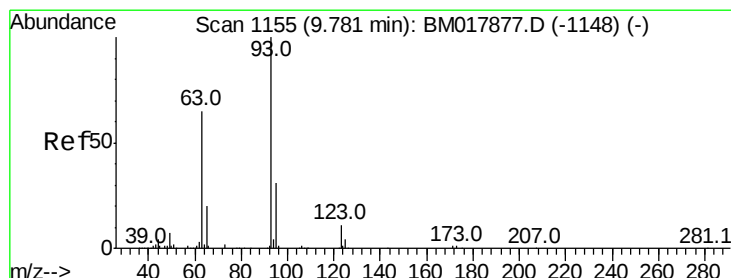
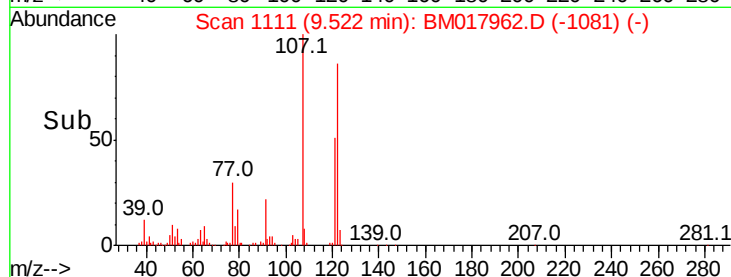
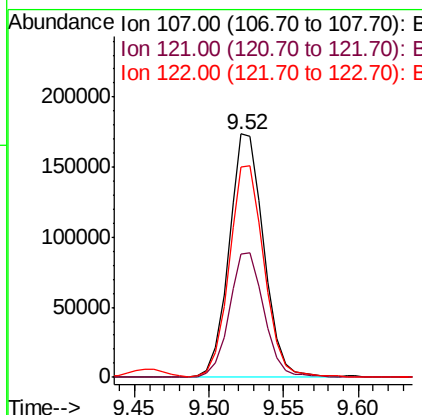
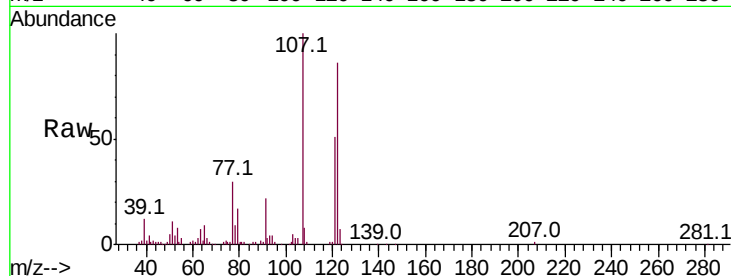




#24
 2,4-Dimethylphenol
 Concen: 18.816 ng/ul
 RT: 9.52 min Scan# 1111
 Delta R.T. -0.02 min
 Lab File: BM017962.D
 Acq: 06 Dec 2018 11:56

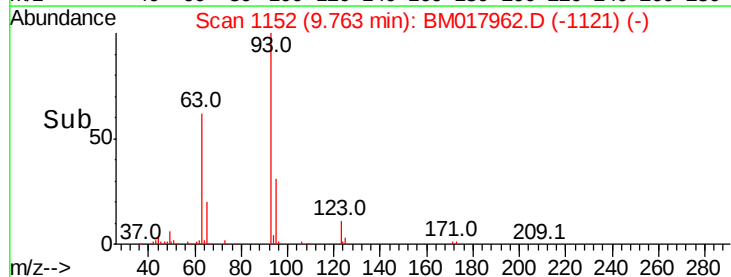
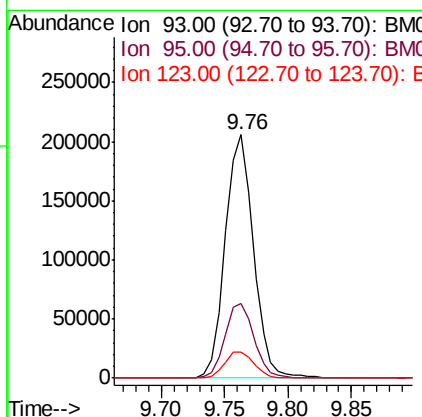
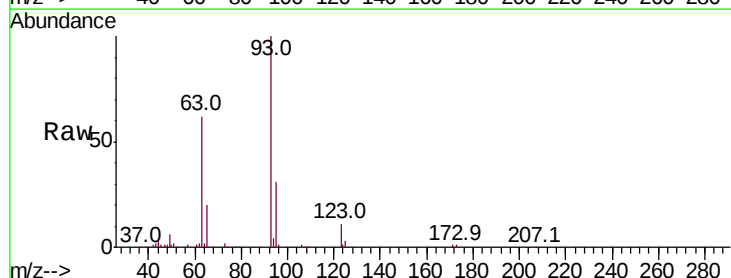
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02079

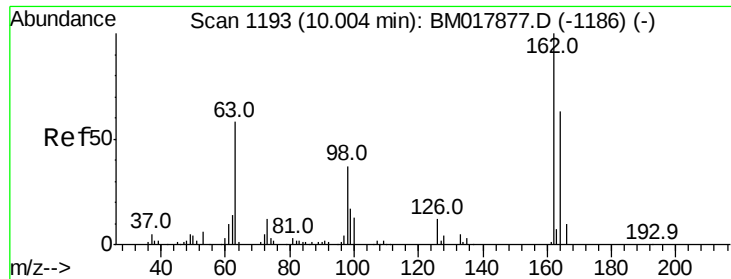
Tot Ion	Ratio	Lower	Upper
107	100		
121	50.8	39.6	59.4
122	86.4	68.1	102.1



#25
 Bis(2-Chloroethoxy)methane
 Concen: 18.412 ng/ul
 RT: 9.76 min Scan# 1152
 Delta R.T. -0.02 min
 Lab File: BM017962.D
 Acq: 06 Dec 2018 11:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.8	26.0	39.0
123	10.9	9.0	13.4





#27

2,4-Dichlorophenol

Concen: 19.628 ng/ul

RT: 9.99 min Scan# 1190

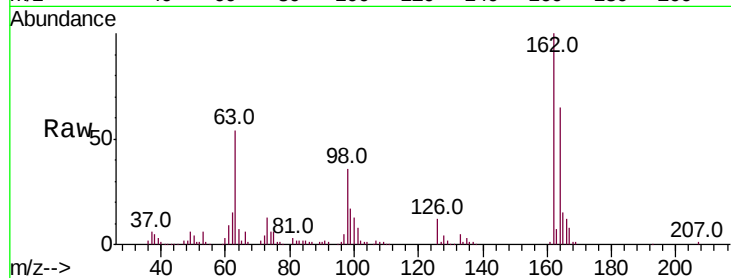
Delta R.T. -0.02 min

Lab File: BM017962.D

Acq: 06 Dec 2018 11:56

Instrument :
BNA_M
ClientSampleId :
SSTD02079

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	51.8	77.8
98	36.3	29.0	43.6

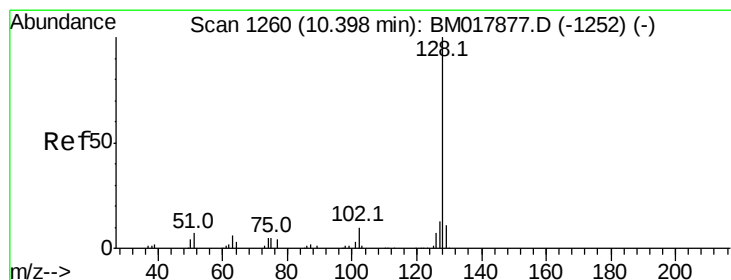
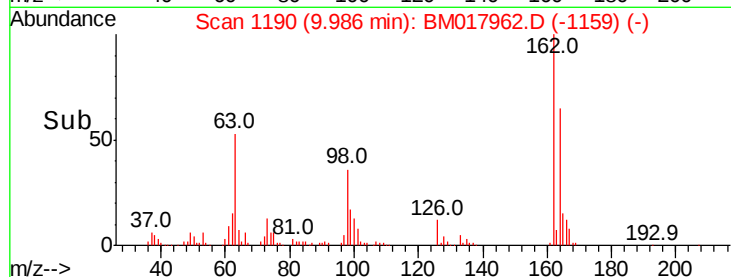
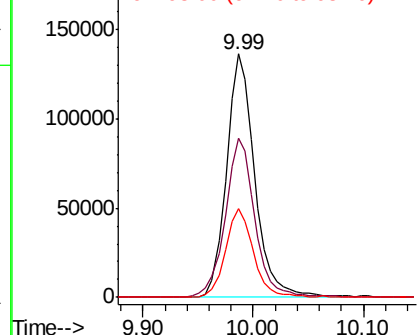


Abundance

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: 20.097 ng/ul

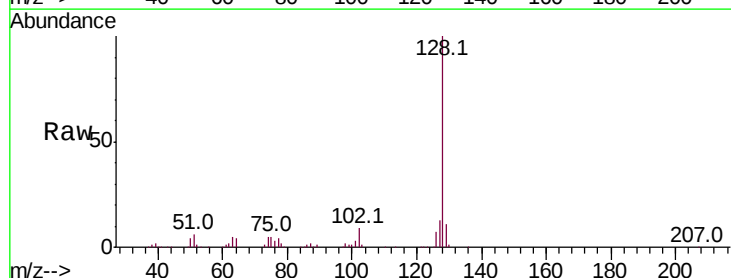
RT: 10.38 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BM017962.D

Acq: 06 Dec 2018 11:56

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	12.8
127	13.0	10.8	16.2

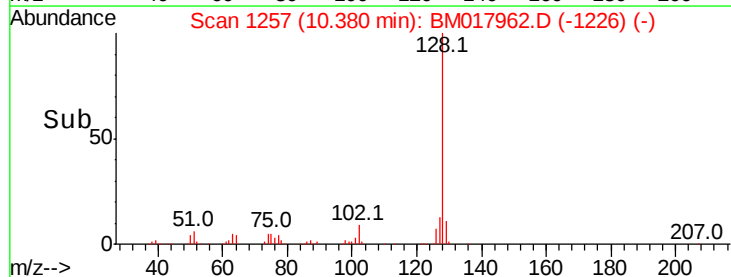
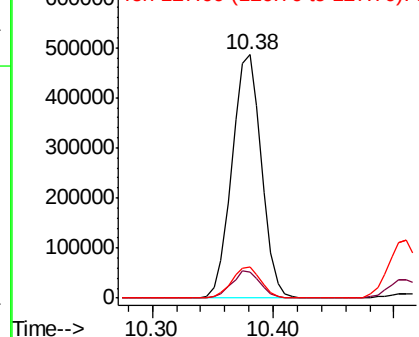


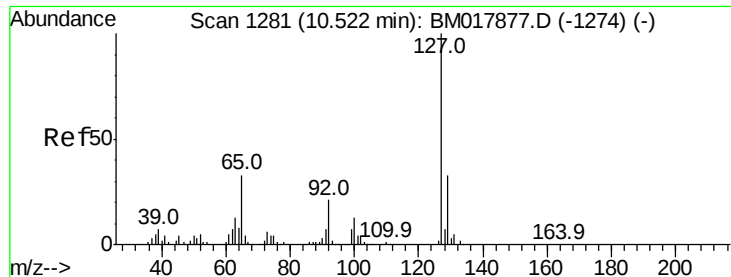
Abundance

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

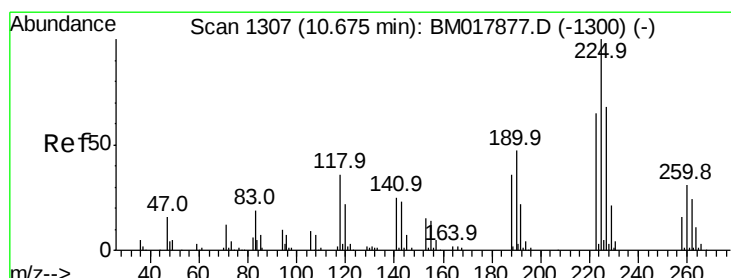
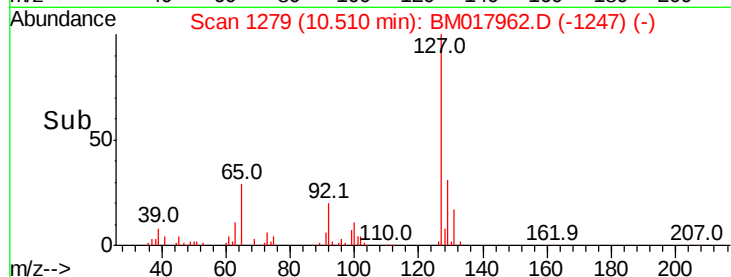
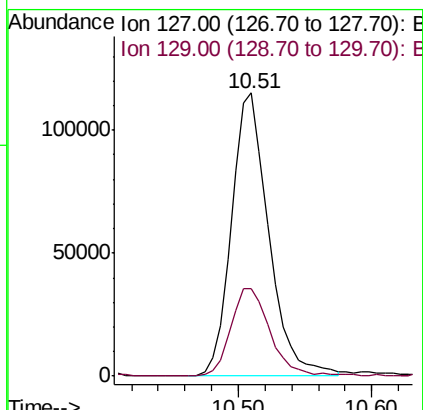
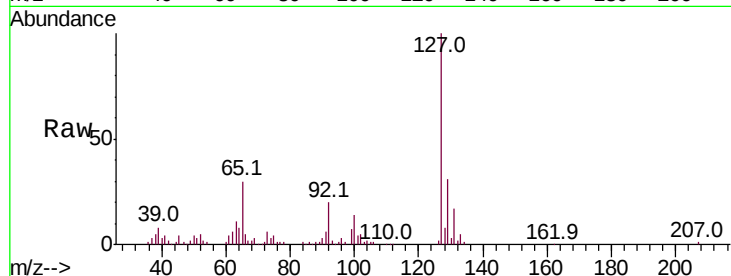




#30
4-Chloroaniline
Concen: 19.361 ng/ul
RT: 10.51 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BM017962.D
Acq: 06 Dec 2018 11:56

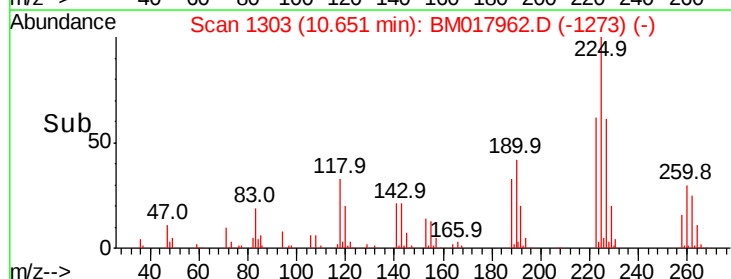
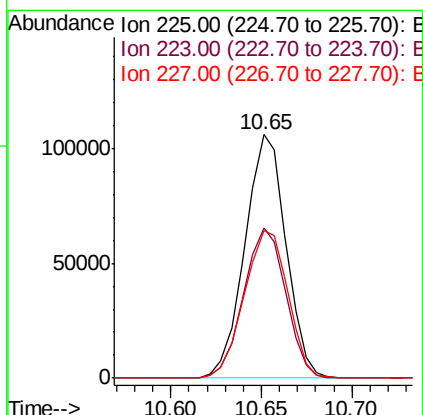
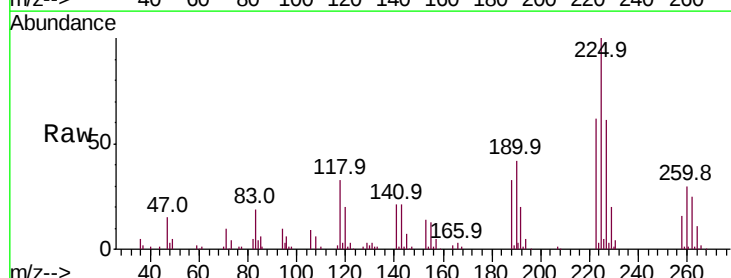
Instrument :
BNA_M
ClientSampleId :
SSTD02079

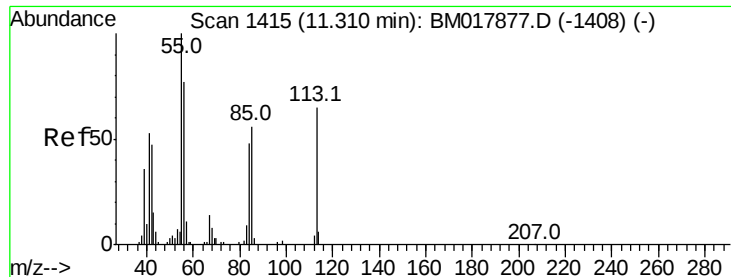
Tot Ion:127 Resp: 222981
Ion Ratio Lower Upper
127 100
129 31.0 24.6 37.0



#31
Hexachlorobutadiene
Concen: 20.239 ng/ul
RT: 10.65 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BM017962.D
Acq: 06 Dec 2018 11:56

Tgt Ion:225 Resp: 166951
Ion Ratio Lower Upper
225 100
223 61.6 48.8 73.2
227 60.5 50.3 75.5





#32

Caprolactam

Concen: 16.551 ng/ul

RT: 11.29 min Scan# 1412

Delta R.T. -0.02 min

Lab File: BM017962.D

Acq: 06 Dec 2018 11:56

Instrument :

BNA_M

ClientSampleId :

SSTD02079

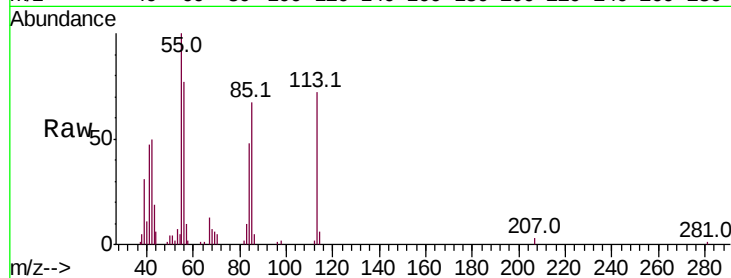
Tot Ion:113 Resp: 68013

Ion Ratio Lower Upper

113 100

55 139.7 110.6 166.0

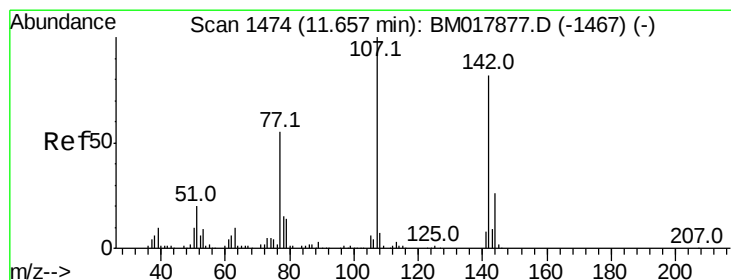
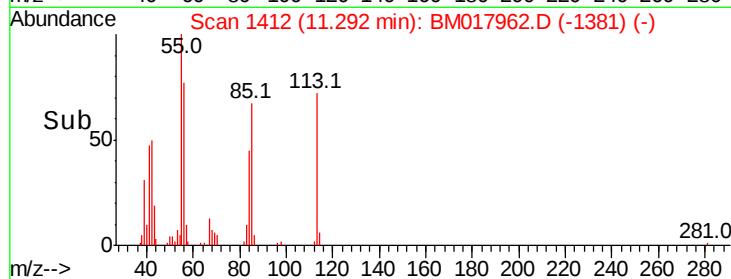
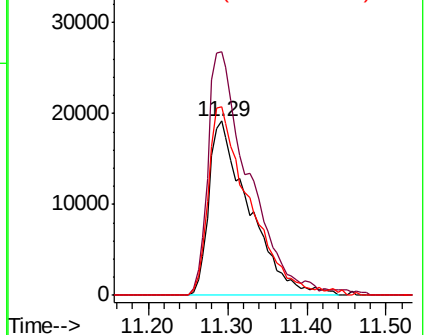
56 108.1 88.2 132.4



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



#33

4-Chloro-3-methylphenol

Concen: 17.155 ng/ul

RT: 11.64 min Scan# 1471

Delta R.T. -0.02 min

Lab File: BM017962.D

Acq: 06 Dec 2018 11:56

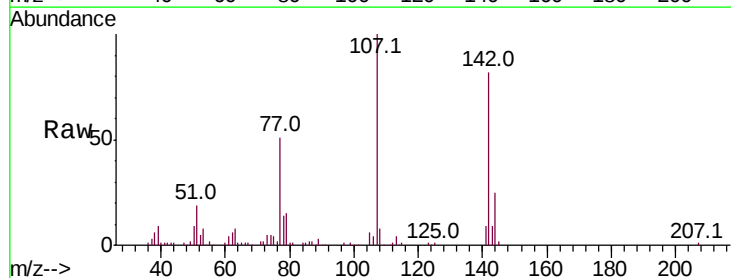
Tgt Ion:107 Resp: 241992

Ion Ratio Lower Upper

107 100

144 24.6 21.1 31.7

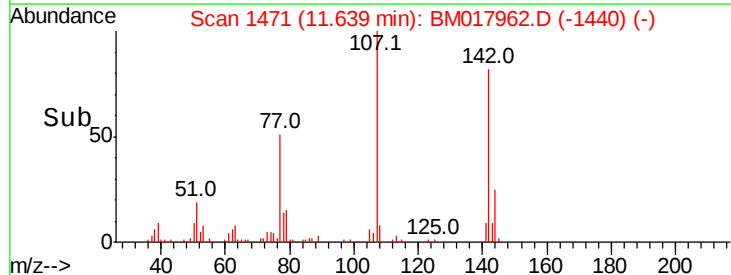
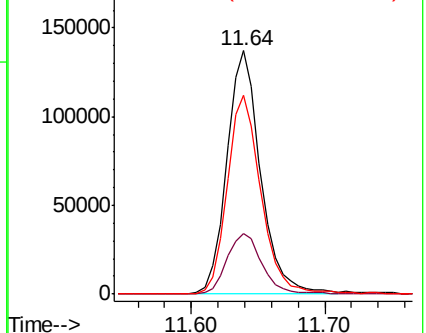
142 81.8 63.0 94.6

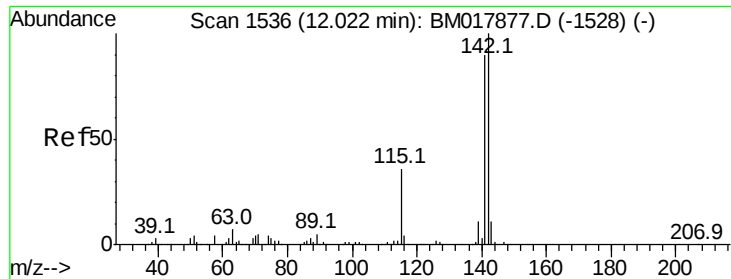


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

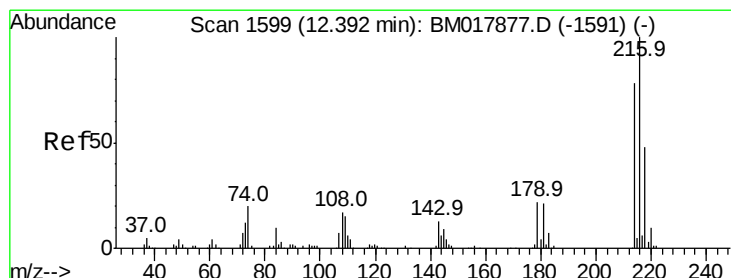
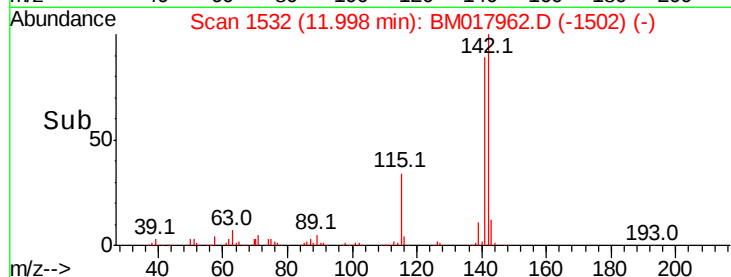
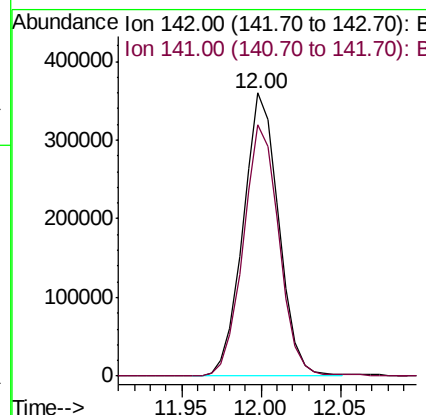
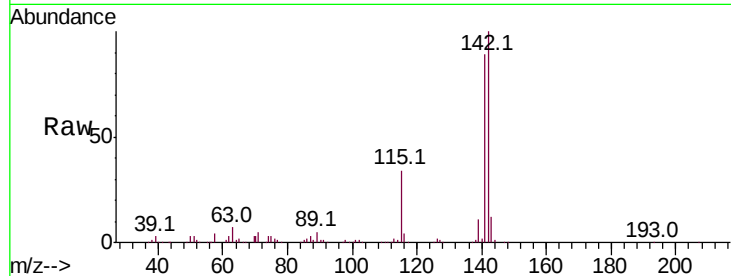




#34
2-Methylnaphthalene
Concen: 18.379 ng/ul
RT: 12.00 min Scan# 1532
Delta R.T. -0.02 min
Lab File: BM017962.D
Acq: 06 Dec 2018 11:56

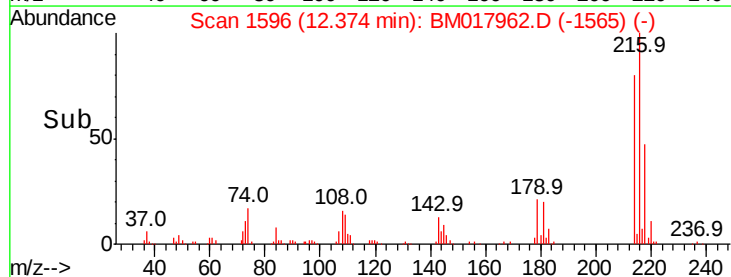
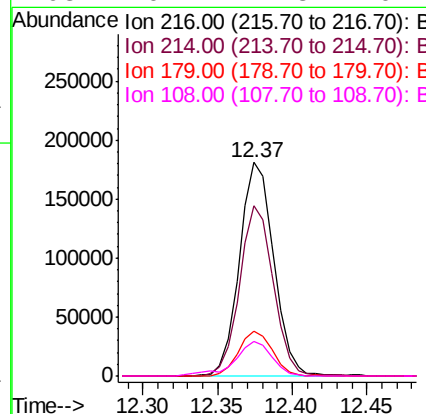
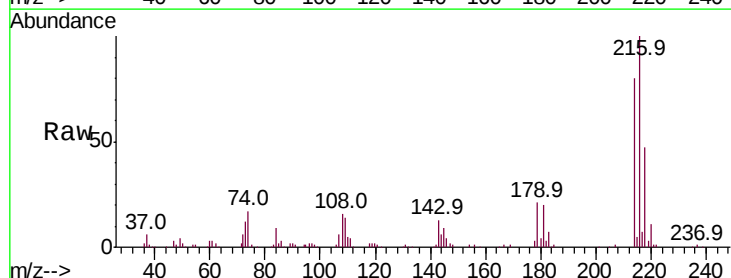
Instrument :
BNA_M
ClientSampleId :
SSTD02079

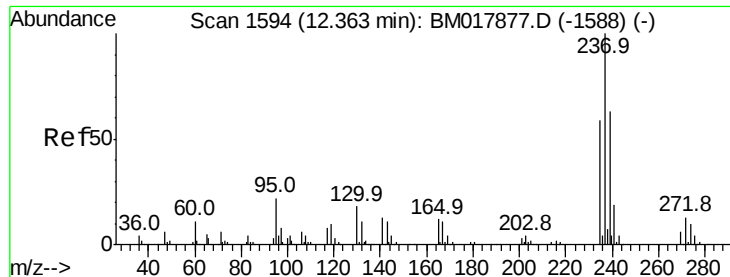
Tot Ion:142 Resp: 561257
Ion Ratio Lower Upper
142 100
141 89.0 72.6 108.8



#36
1,2,4,5-Tetrachlorobenzene
Concen: 21.664 ng/ul
RT: 12.37 min Scan# 1596
Delta R.T. -0.02 min
Lab File: BM017962.D
Acq: 06 Dec 2018 11:56

Tgt Ion:216 Resp: 288671
Ion Ratio Lower Upper
216 100
214 79.9 61.3 91.9
179 20.8 17.0 25.4
108 16.2 12.8 19.2

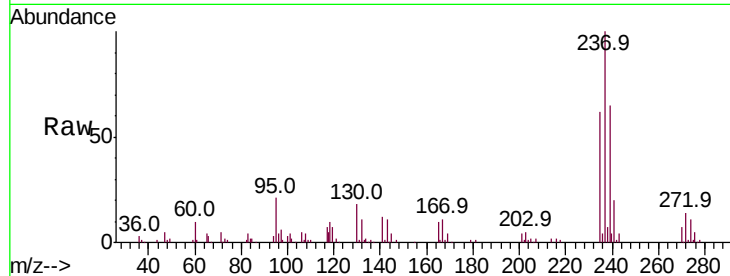




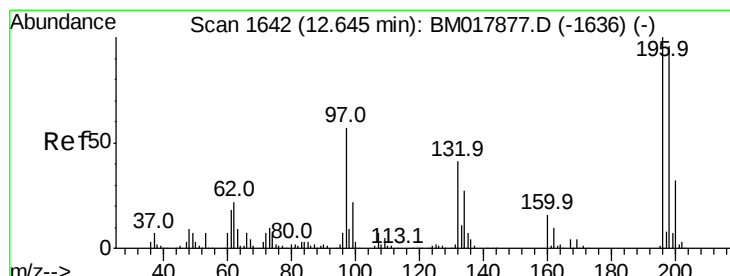
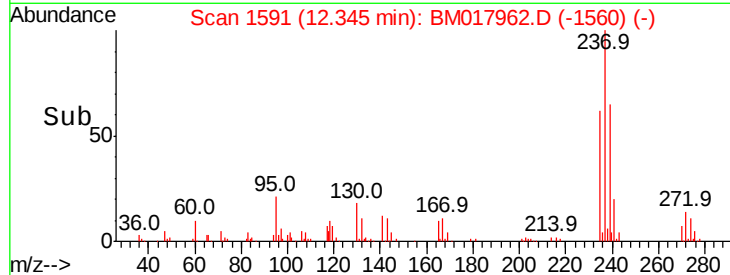
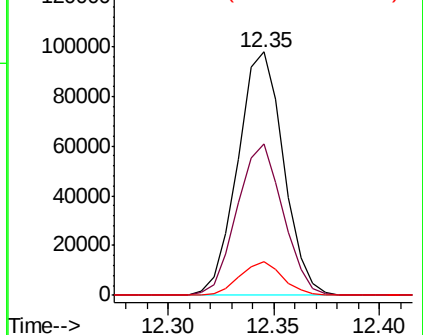
#37
Hexachlorocyclopentadiene
Concen: 17.164 ng/ul
RT: 12.35 min Scan# 1591
Delta R.T. -0.02 min
Lab File: BM017962.D
Acq: 06 Dec 2018 11:56

Instrument :
BNA_M
ClientSampleId :
SSTD02079

Tot Ion:237 Resp: 147487
Ion Ratio Lower Upper
237 100
235 62.3 48.6 73.0
272 14.0 9.4 14.0

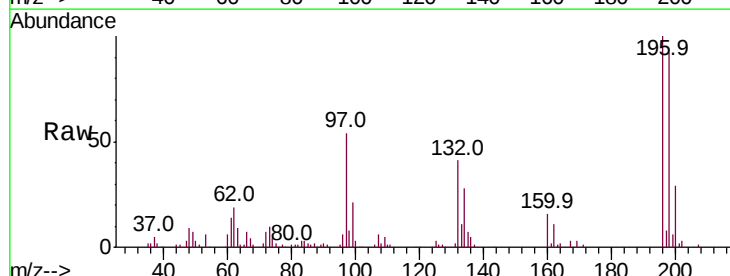


Abundance Ion 237.00 (236.70 to 237.70): E
Ion 235.00 (234.70 to 235.70): E
Ion 272.00 (271.70 to 272.70): E

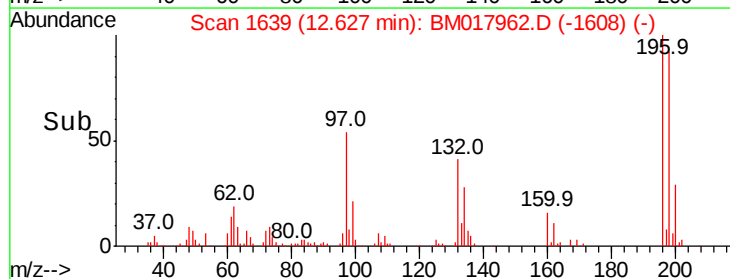
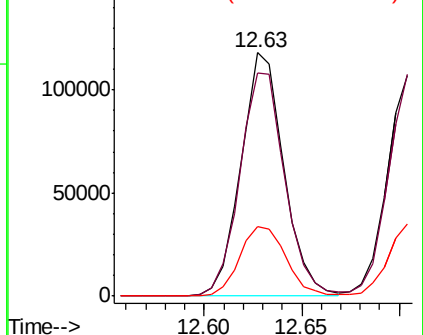


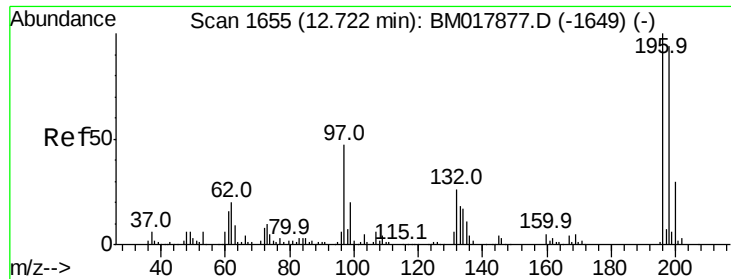
#38
2,4,6-Trichlorophenol
Concen: 20.760 ng/ul
RT: 12.63 min Scan# 1639
Delta R.T. -0.02 min
Lab File: BM017962.D
Acq: 06 Dec 2018 11:56

Tgt Ion:196 Resp: 179777
Ion Ratio Lower Upper
196 100
198 91.6 74.9 112.3
200 28.7 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

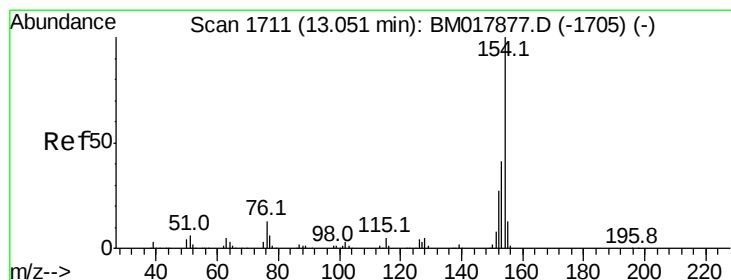
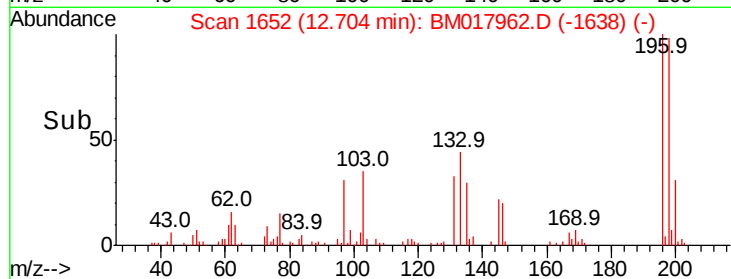
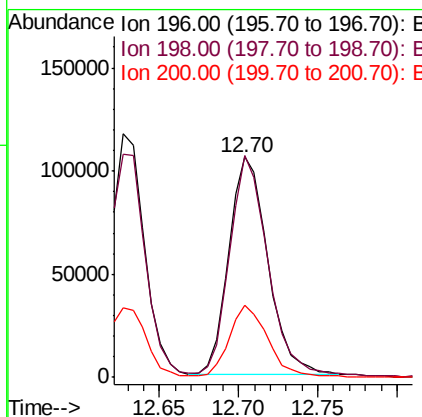
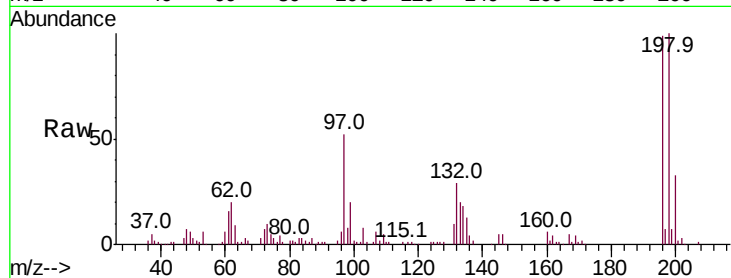




#39
 2,4,5-Trichlorophenol
 Concen: 19.376 ng/ul
 RT: 12.70 min Scan# 1652
 Delta R.T. -0.02 min
 Lab File: BM017962.D
 Acq: 06 Dec 2018 11:56

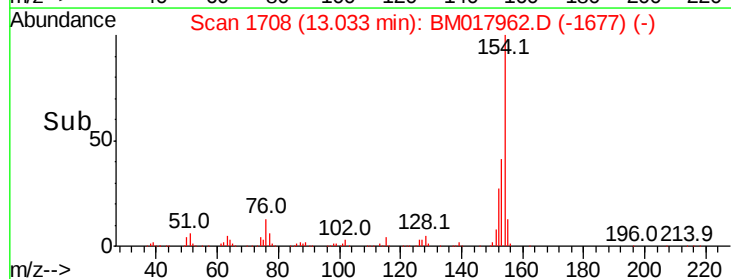
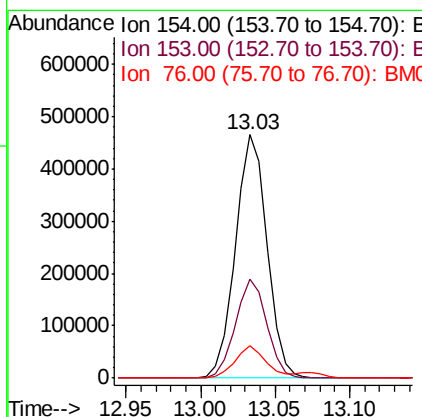
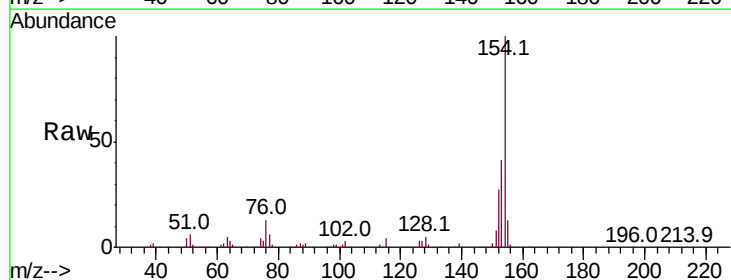
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02079

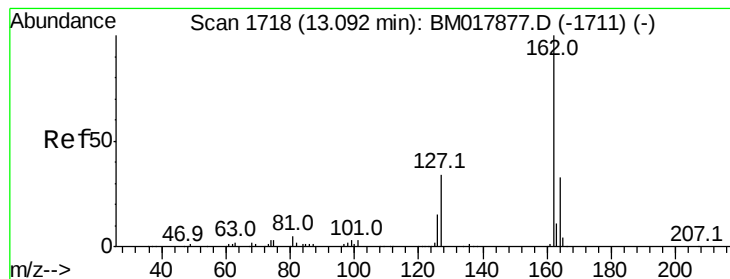
Tot Ion	Ratio	Lower	Upper
196	100		
198	100.5	77.2	115.8
200	32.9	25.8	38.8



#40
 1,1'-Biphenyl
 Concen: 20.689 ng/ul
 RT: 13.03 min Scan# 1708
 Delta R.T. -0.02 min
 Lab File: BM017962.D
 Acq: 06 Dec 2018 11:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	32.5	48.7
76	13.2	10.6	15.8





#41

2-Chloronaphthalene

Concen: 21.005 ng/ul

RT: 13.07 min Scan# 1715

Delta R.T. -0.02 min

Lab File: BM017962.D

Acq: 06 Dec 2018 11:56

Instrument :

BNA_M

ClientSampleId :

SSTD02079

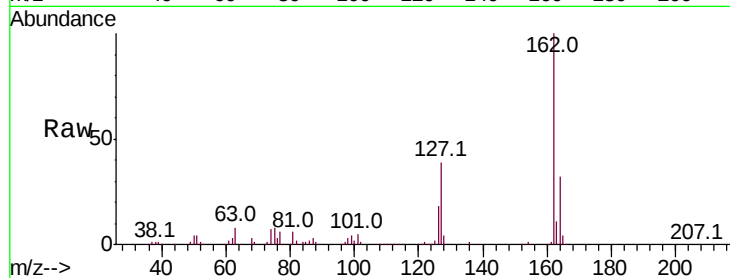
Tot Ion:162 Resp: 540139

Ion Ratio Lower Upper

162 100

164 32.0 26.1 39.1

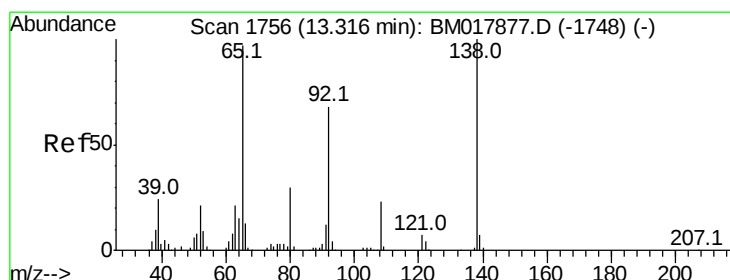
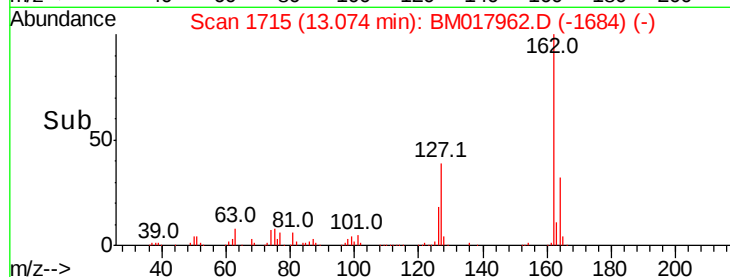
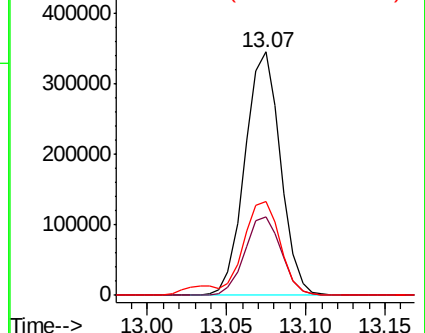
127 38.6 31.8 47.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E



#42

2-Nitroaniline

Concen: 18.592 ng/ul

RT: 13.30 min Scan# 1753

Delta R.T. -0.02 min

Lab File: BM017962.D

Acq: 06 Dec 2018 11:56

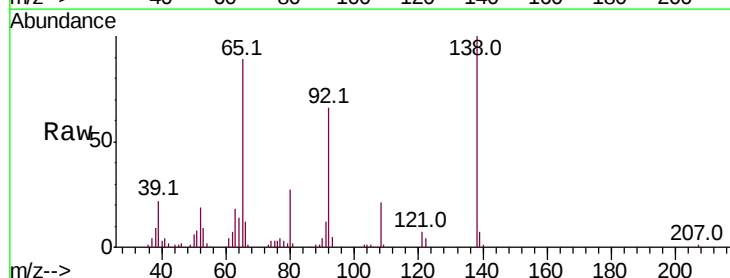
Tgt Ion: 65 Resp: 139218

Ion Ratio Lower Upper

65 100

92 73.5 56.3 84.5

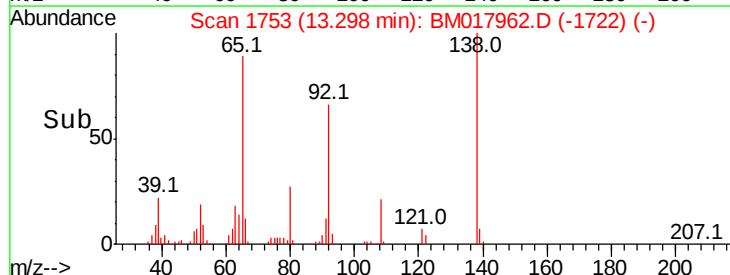
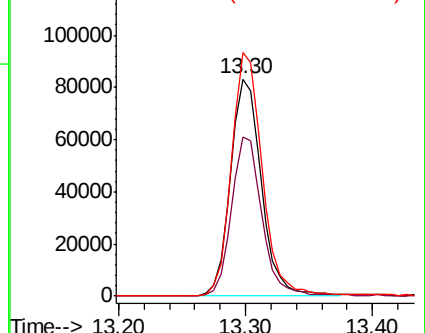
138 112.2 85.4 128.0

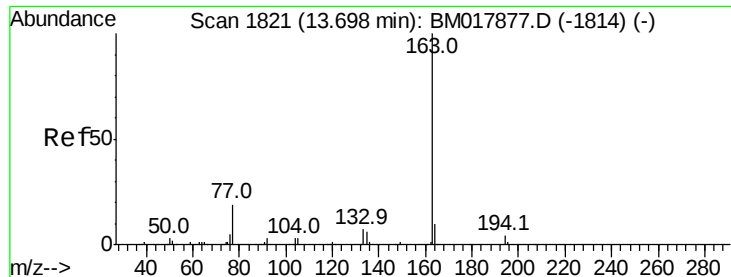


Abundance Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#44

Dimethylphthalate

Concen: 18.884 ng/ul

RT: 13.68 min Scan# 1818

Delta R.T. -0.02 min

Lab File: BM017962.D

Acq: 06 Dec 2018 11:56

Instrument :

BNA_M

ClientSampleId :

SSTD02079

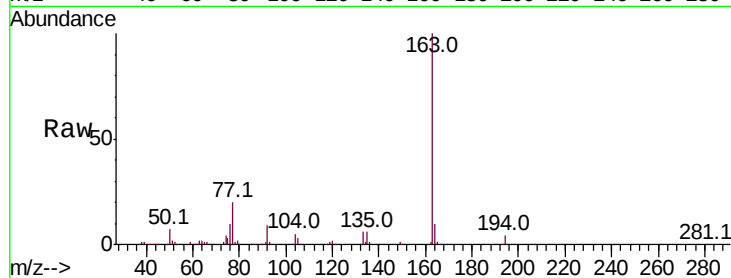
Tot Ion:163 Resp: 633931

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

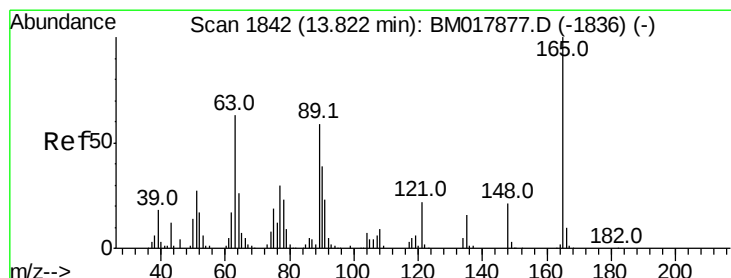
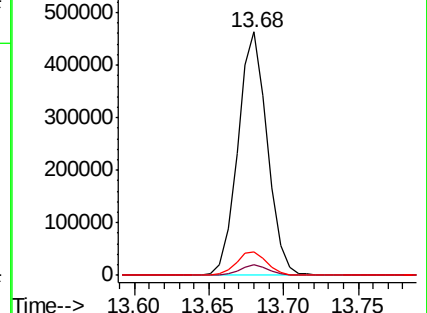
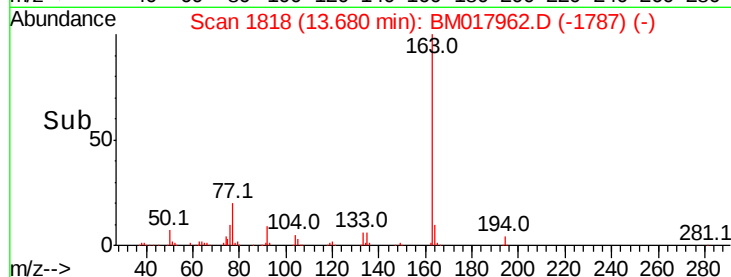
164 9.6 8.1 12.1



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: 19.640 ng/ul

RT: 13.80 min Scan# 1839

Delta R.T. -0.02 min

Lab File: BM017962.D

Acq: 06 Dec 2018 11:56

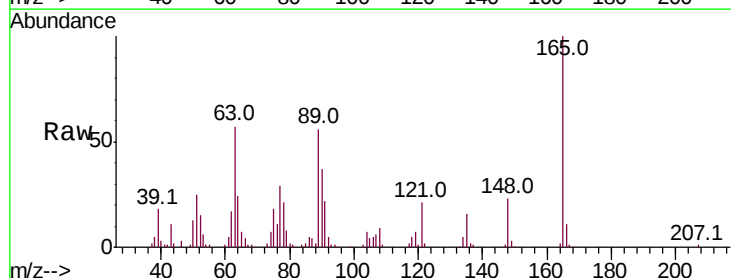
Tgt Ion:165 Resp: 129553

Ion Ratio Lower Upper

165 100

89 55.9 48.0 72.0

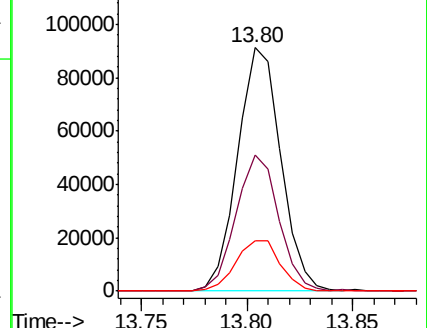
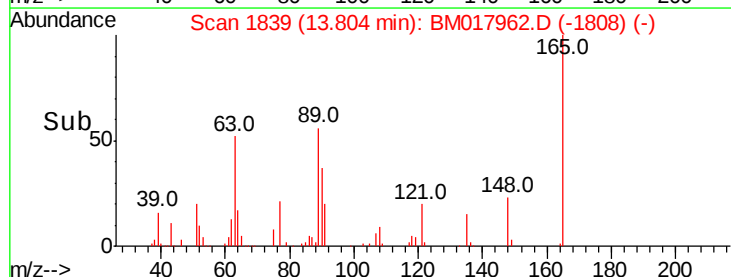
121 20.9 17.0 25.6

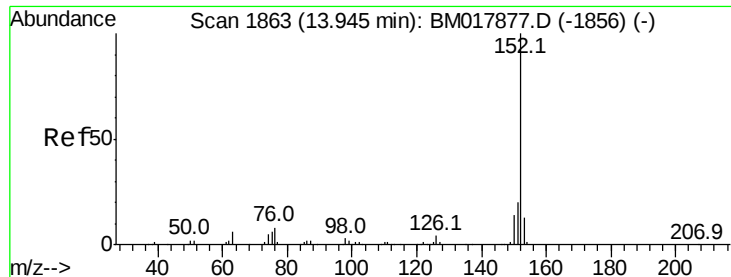


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 20.490 ng/ul

RT: 13.93 min Scan# 1860

Delta R.T. -0.02 min

Lab File: BM017962.D

Acq: 06 Dec 2018 11:56

Instrument :

BNA_M

ClientSampleId :

SSTD02079

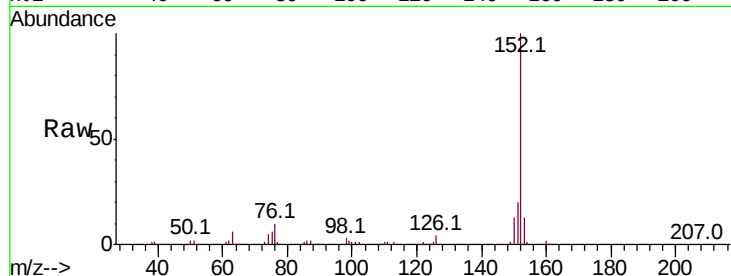
Tot Ion:152 Resp: 802477

Ion Ratio Lower Upper

152 100

151 19.7 16.0 24.0

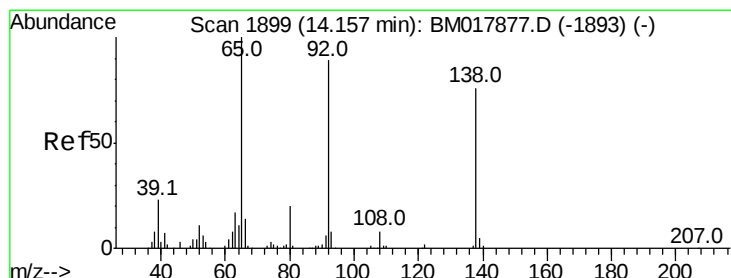
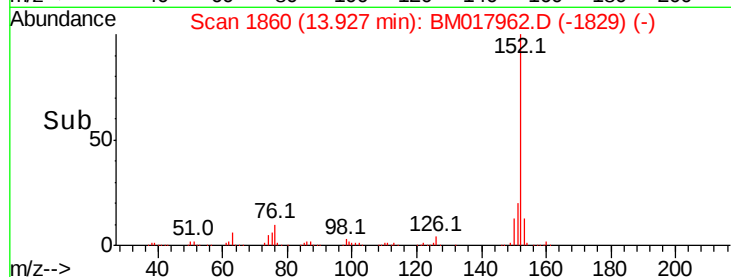
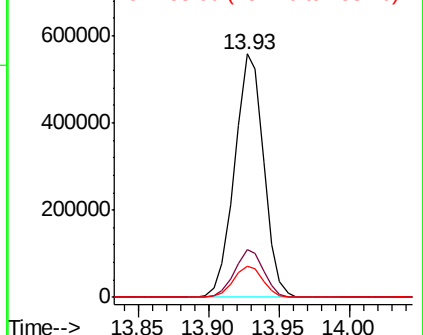
153 12.9 10.4 15.6



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: 19.373 ng/ul

RT: 14.14 min Scan# 1896

Delta R.T. -0.02 min

Lab File: BM017962.D

Acq: 06 Dec 2018 11:56

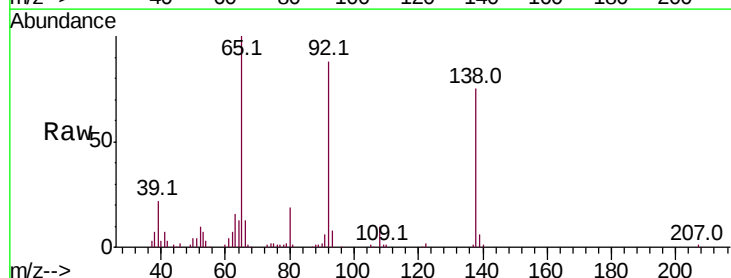
Tgt Ion:138 Resp: 121911

Ion Ratio Lower Upper

138 100

108 12.9 9.0 13.4

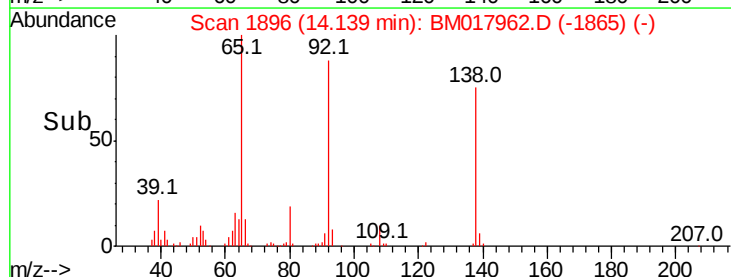
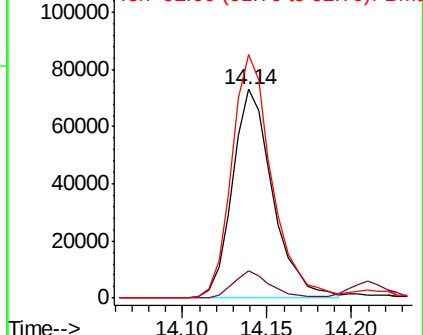
92 116.8 98.8 148.2

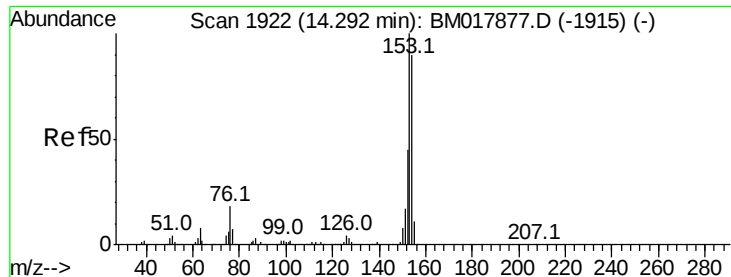


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E





#49

Acenaphthene

Concen: 19.964 ng/ul

RT: 14.27 min Scan# 1919

Delta R.T. -0.02 min

Lab File: BM017962.D

Acq: 06 Dec 2018 11:56

Instrument :

BNA_M

ClientSampleId :

SSTD02079

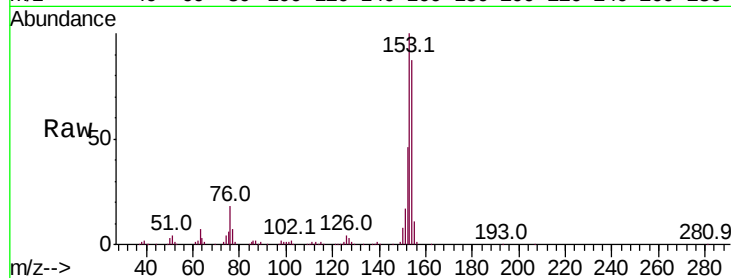
Tot Ion:153 Resp: 563495

Ion Ratio Lower Upper

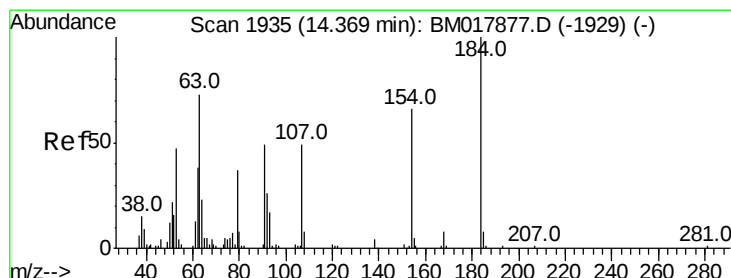
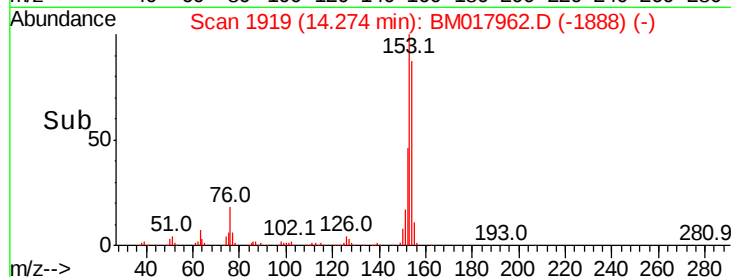
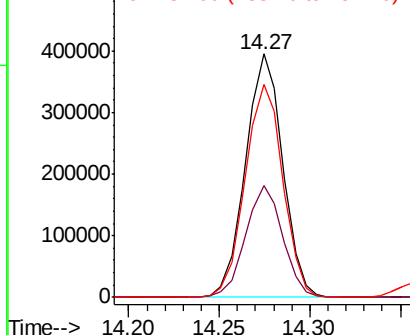
153 100

152 45.7 37.0 55.6

154 87.5 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: 14.005 ng/ul

RT: 14.36 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BM017962.D

Acq: 06 Dec 2018 11:56

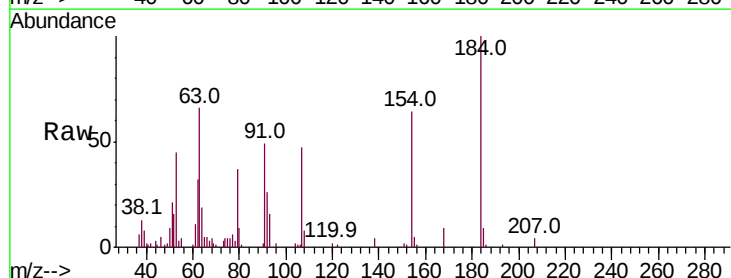
Tgt Ion:184 Resp: 62636

Ion Ratio Lower Upper

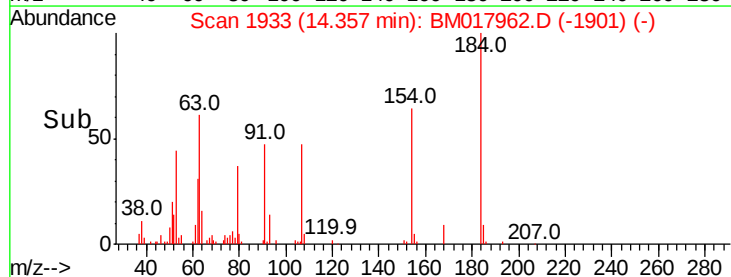
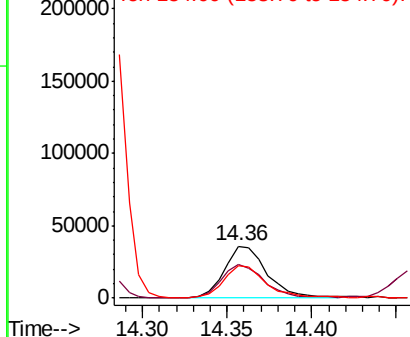
184 100

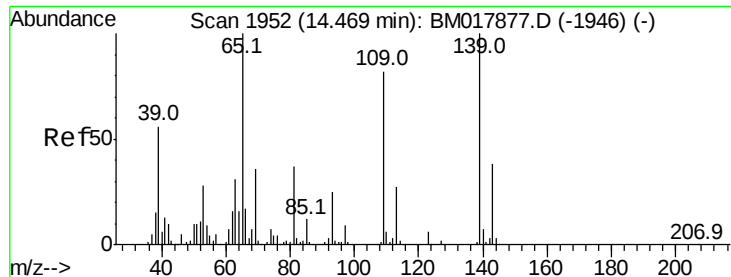
63 66.0 54.4 81.6

154 63.6 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

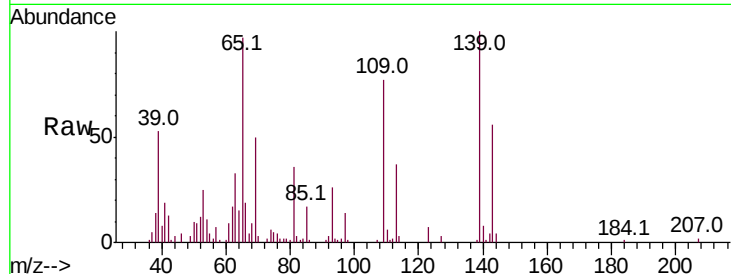




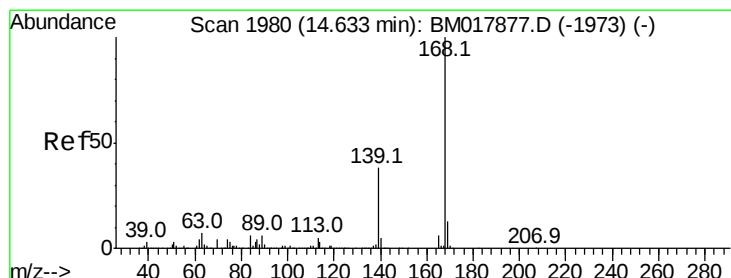
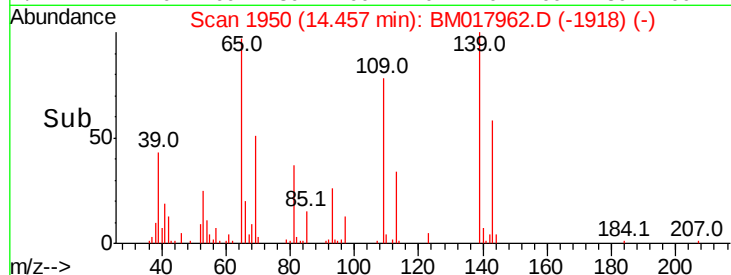
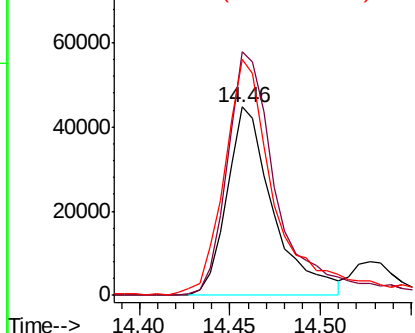
#52
4-Nitrophenol
Concen: 15.374 ng/ul
RT: 14.46 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BM017962.D
Acq: 06 Dec 2018 11:56

Instrument :
BNA_M
ClientSampleId :
SSTD02079

Tot Ion:109 Resp: 79659
Ion Ratio Lower Upper
109 100
139 129.5 97.4 146.0
65 125.8 104.5 156.7

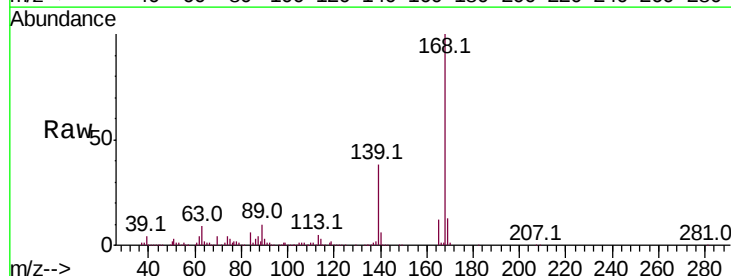


Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BM

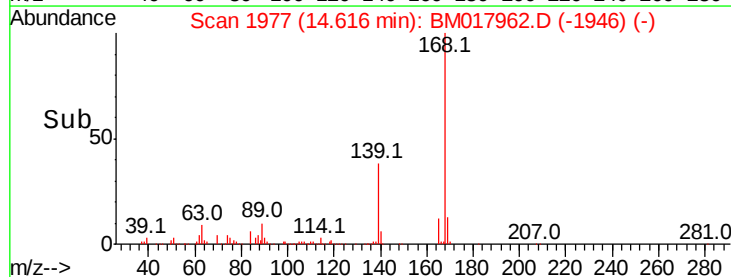
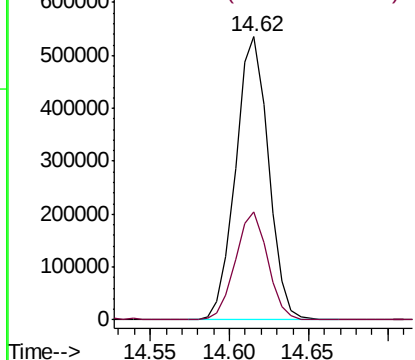


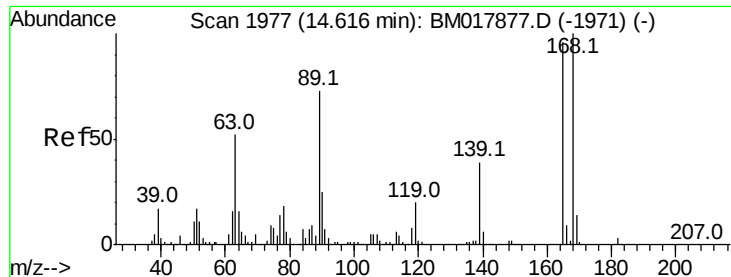
#53
Dibenzofuran
Concen: 19.296 ng/ul
RT: 14.62 min Scan# 1977
Delta R.T. -0.02 min
Lab File: BM017962.D
Acq: 06 Dec 2018 11:56

Tgt Ion:168 Resp: 770701
Ion Ratio Lower Upper
168 100
139 38.0 30.6 46.0



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

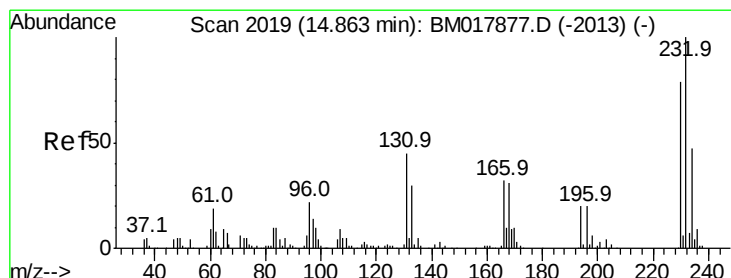
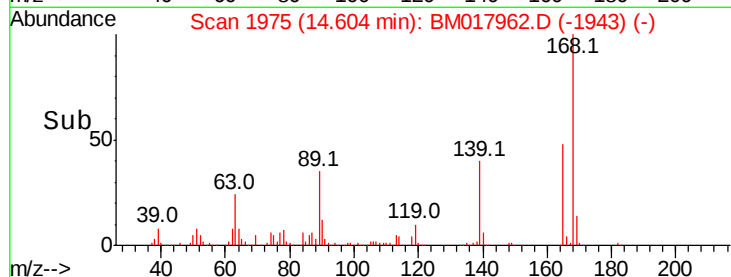
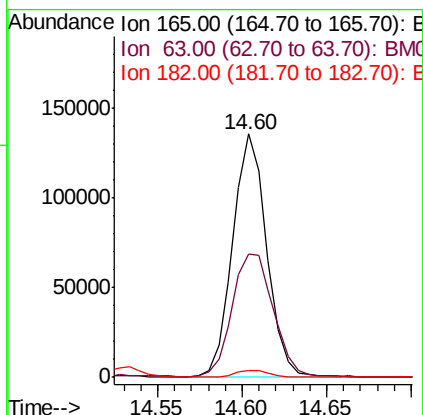
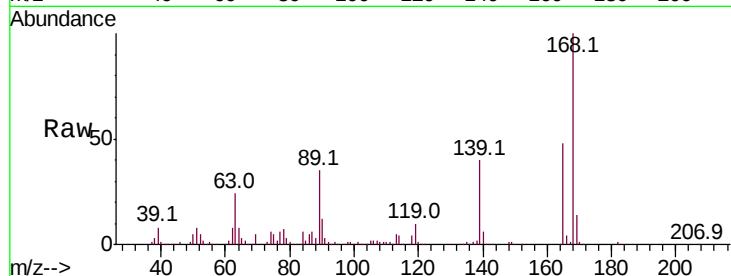




#54
 2,4-Dinitrotoluene
 Concen: 18.997 ng/ul
 RT: 14.60 min Scan# 1975
 Delta R.T. -0.01 min
 Lab File: BM017962.D
 Acq: 06 Dec 2018 11:56

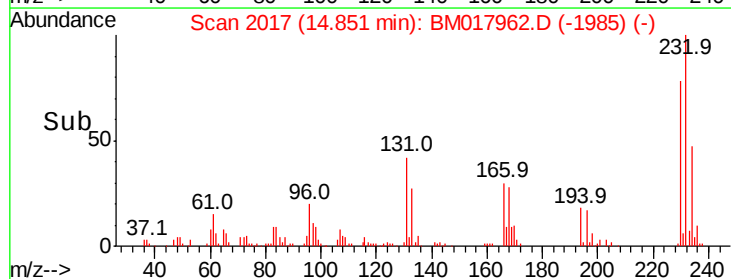
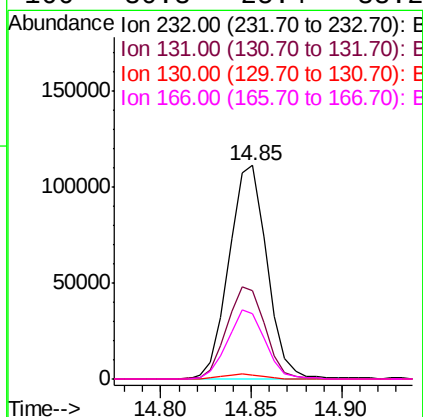
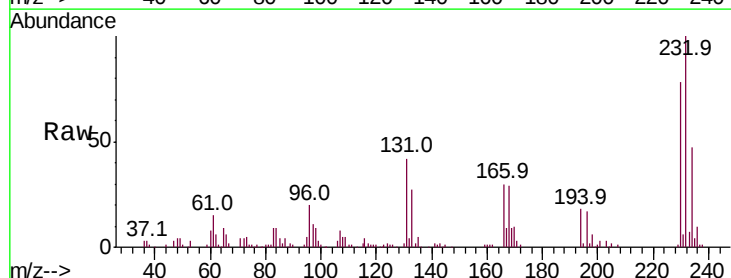
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02079

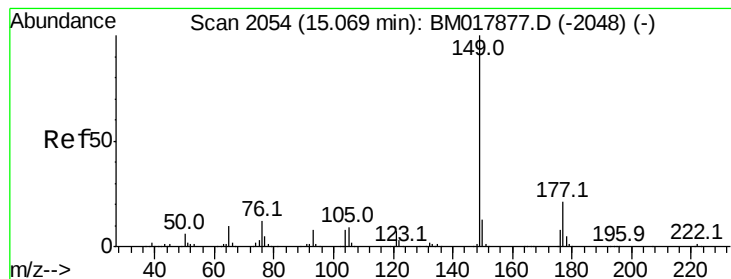
Tot Ion	Ratio	Lower	Upper
165	100		
63	50.6	41.8	62.8
182	2.8	2.2	3.2



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 19.014 ng/ul
 RT: 14.85 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BM017962.D
 Acq: 06 Dec 2018 11:56

Tgt Ion	Ratio	Lower	Upper
232	100		
131	41.6	35.5	53.3
130	2.0	2.1	3.1#
166	30.3	25.4	38.2





#56

Diethylphthalate

Concen: 17.982 ng/ul

RT: 15.06 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BM017962.D

Acq: 06 Dec 2018 11:56

Instrument :

BNA_M

ClientSampleId :

SSTD02079

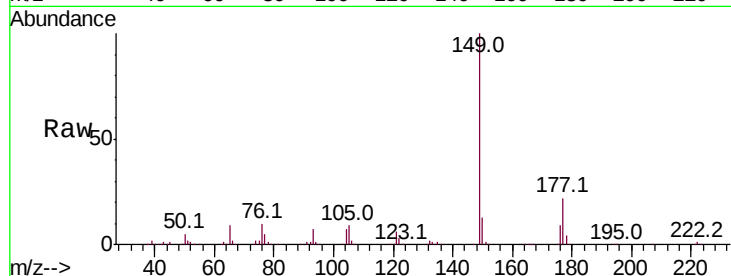
Tot Ion:149 Resp: 621856

Ion Ratio Lower Upper

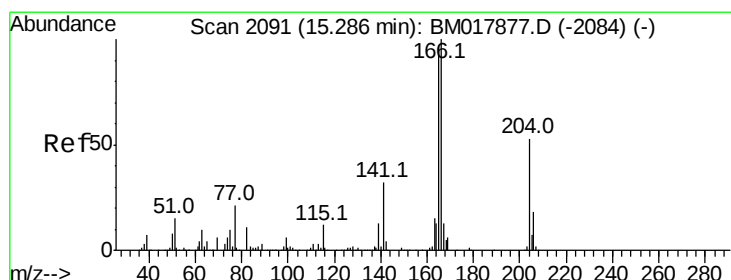
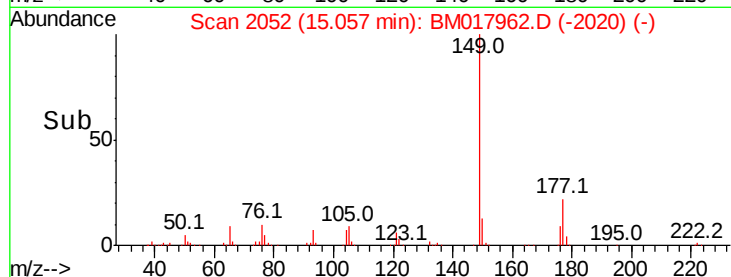
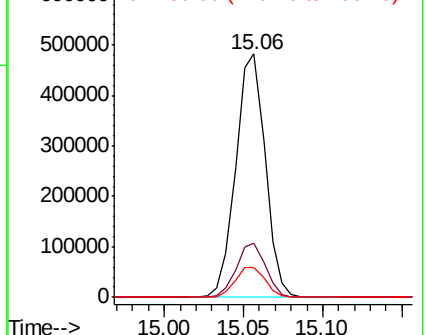
149 100

177 22.0 17.0 25.6

150 12.5 10.0 15.0



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



#58

Fluorene

Concen: 18.714 ng/ul

RT: 15.27 min Scan# 2088

Delta R.T. -0.02 min

Lab File: BM017962.D

Acq: 06 Dec 2018 11:56

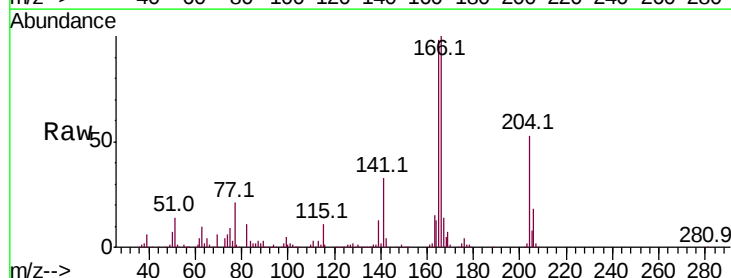
Tgt Ion:166 Resp: 623304

Ion Ratio Lower Upper

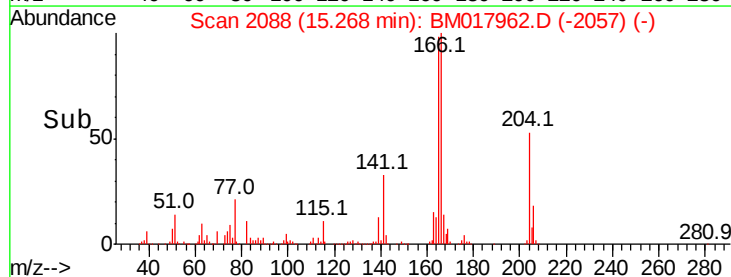
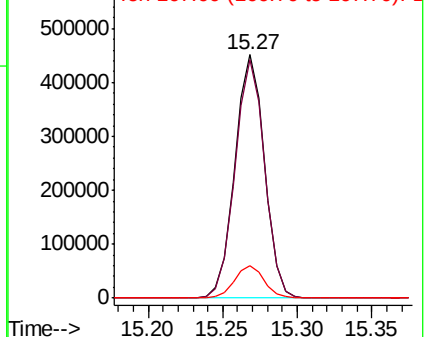
166 100

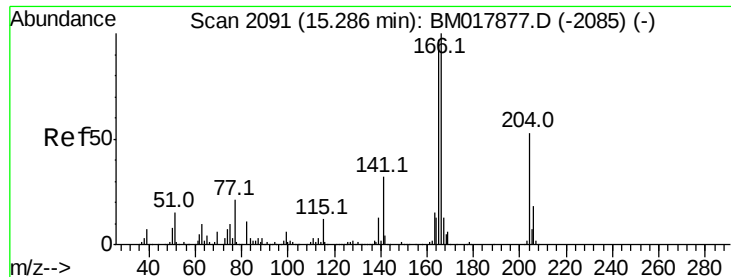
165 97.7 78.0 117.0

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

4-Chlorophenyl-phenylether

Concen: 18.614 ng/ul

RT: 15.27 min Scan# 2088

Delta R.T. -0.02 min

Lab File: BM017962.D

Acq: 06 Dec 2018 11:56

Instrument :

BNA_M

ClientSampleId :

SSTD02079

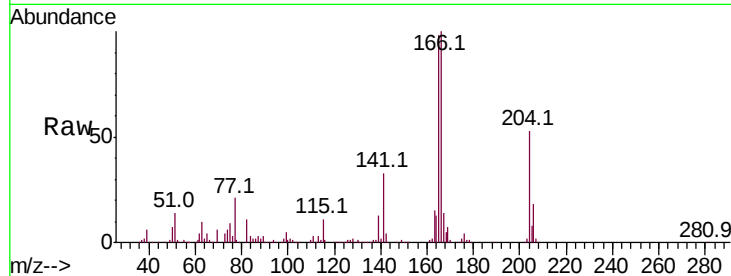
Tot Ion:204 Resp: 318469

Ion Ratio Lower Upper

204 100

206 33.1 25.6 38.4

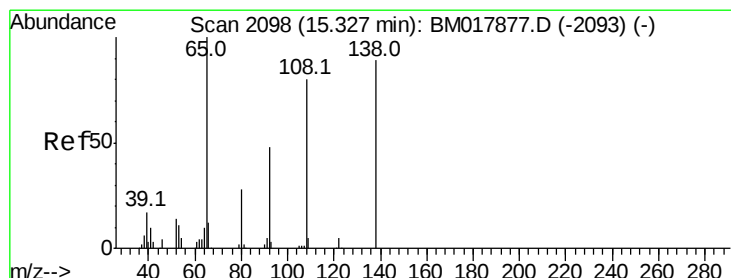
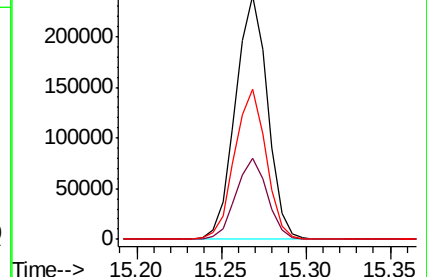
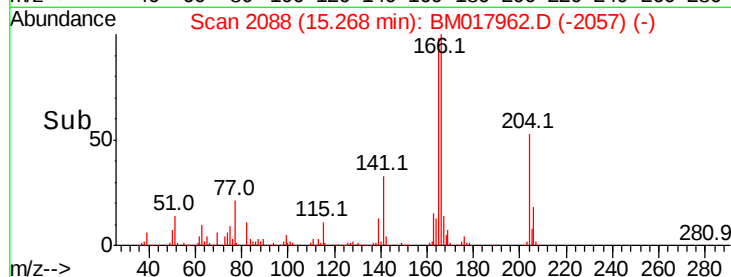
141 61.8 49.8 74.6



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: 17.980 ng/ul

RT: 15.32 min Scan# 2096

Delta R.T. -0.01 min

Lab File: BM017962.D

Acq: 06 Dec 2018 11:56

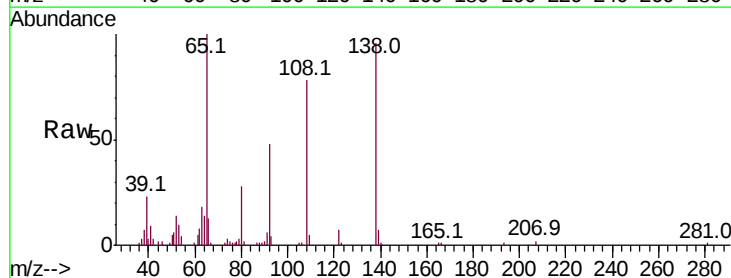
Tgt Ion:138 Resp: 125785

Ion Ratio Lower Upper

138 100

92 50.1 42.8 64.2

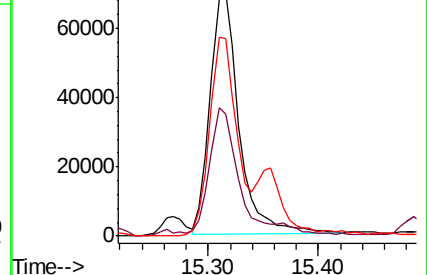
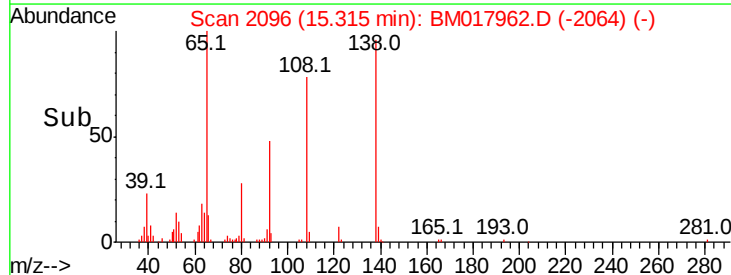
108 81.1 70.2 105.4

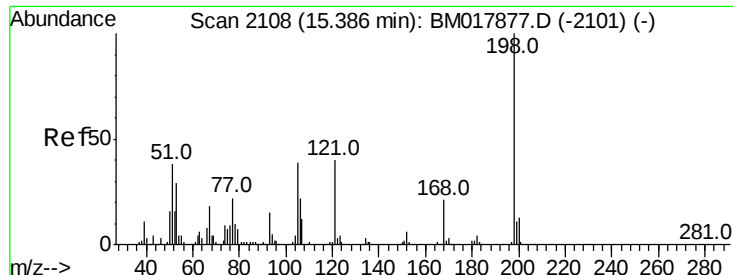


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E

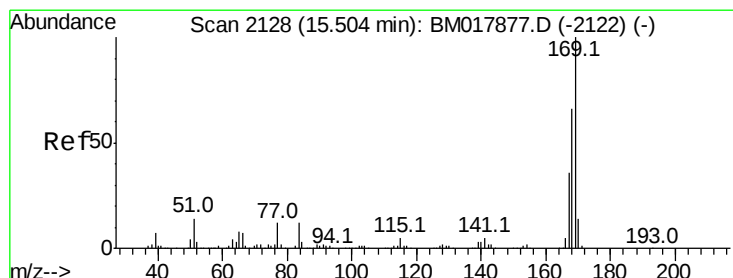
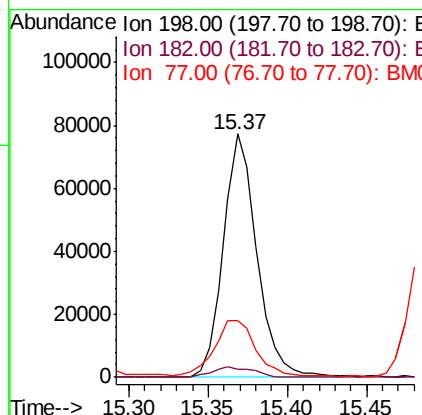
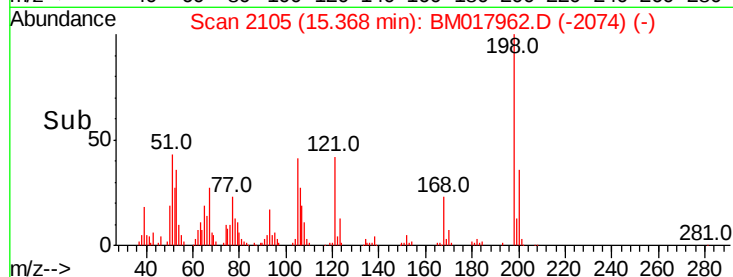
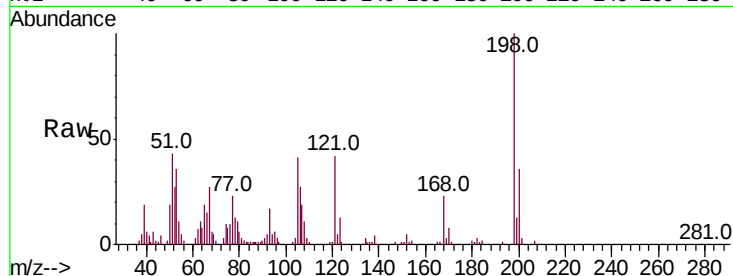




#63
4,6-Dinitro-2-methylphenol
Concen: 18.256 ng/ul
RT: 15.37 min Scan# 2105
Delta R.T. -0.02 min
Lab File: BM017962.D
Acq: 06 Dec 2018 11:56

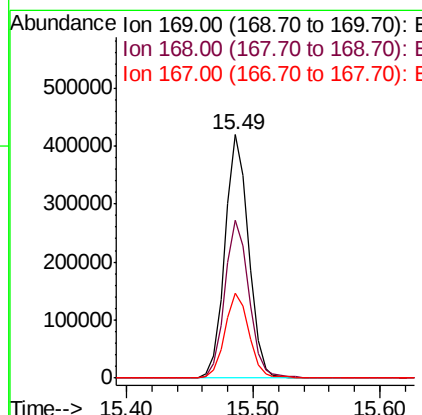
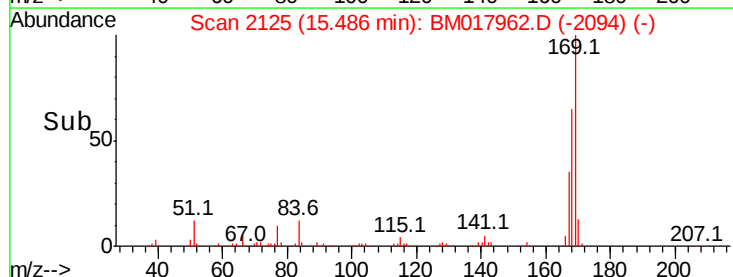
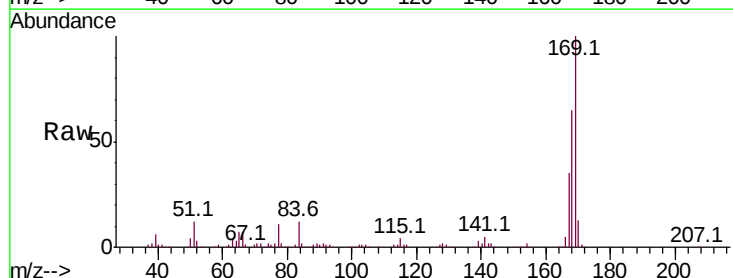
Instrument :
BNA_M
ClientSampleId :
SSTD02079

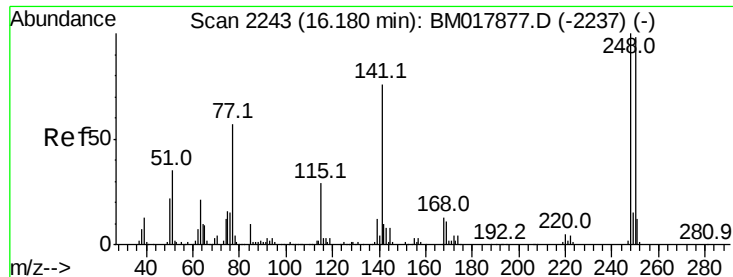
Tot Ion:198 Resp: 113670
Ion Ratio Lower Upper
198 100
182 3.4 3.5 5.3#
77 23.1 24.6 36.8#



#64
N-Nitrosodiphenylamine
Concen: 20.734 ng/ul
RT: 15.49 min Scan# 2125
Delta R.T. -0.02 min
Lab File: BM017962.D
Acq: 06 Dec 2018 11:56

Tgt Ion:169 Resp: 539487
Ion Ratio Lower Upper
169 100
168 64.8 51.1 76.7
167 35.0 27.8 41.8

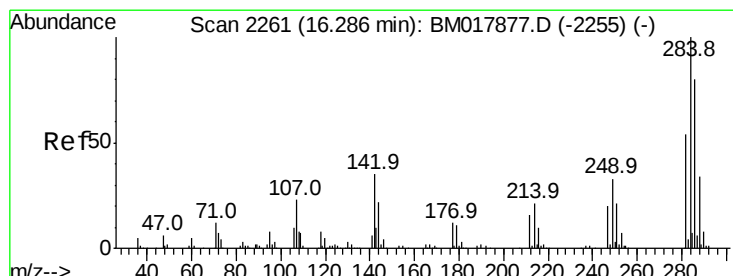
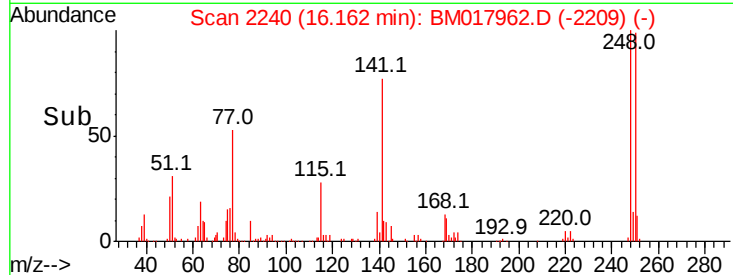
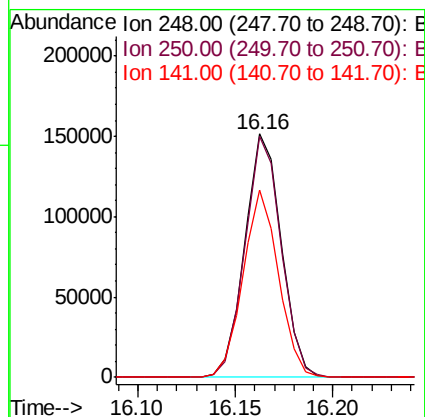
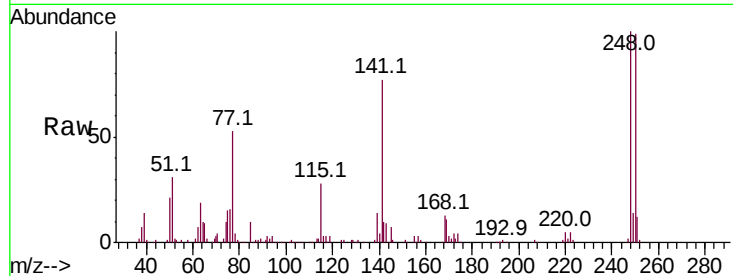




#65
4-Bromophenyl-phenylether
Concen: 20.362 ng/ul
RT: 16.16 min Scan# 2240
Delta R.T. -0.02 min
Lab File: BM017962.D
Acq: 06 Dec 2018 11:56

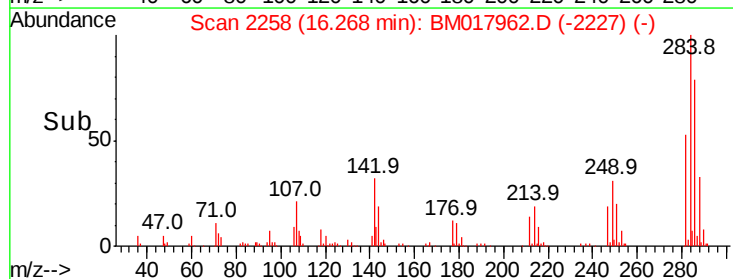
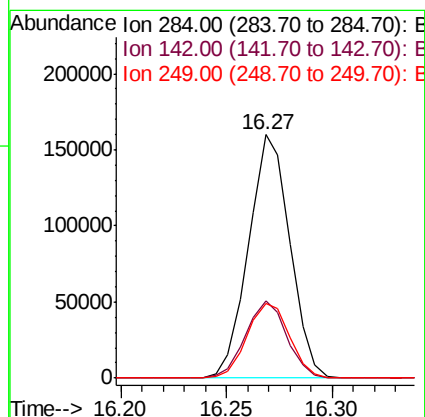
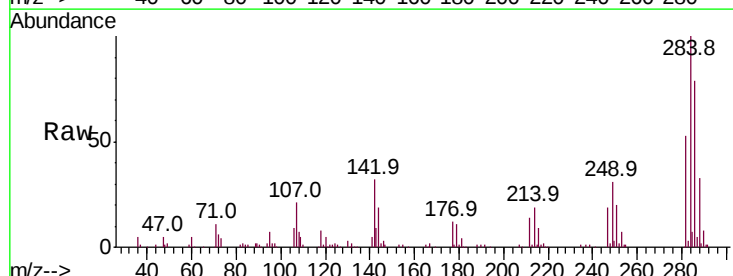
Instrument :
BNA_M
ClientSampleId :
SSTD02079

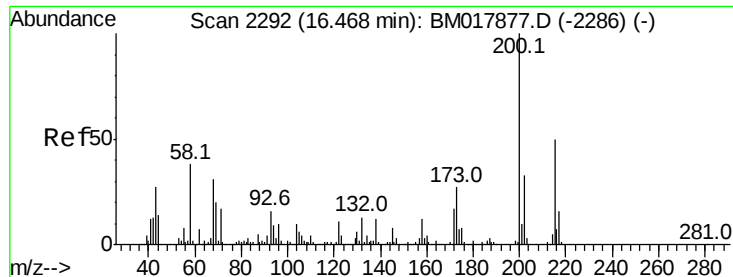
Tot Ion	Ratio	Lower	Upper
248	100		
250	99.0	80.8	121.2
141	76.8	56.9	85.3



#66
Hexachlorobenzene
Concen: 20.317 ng/ul
RT: 16.27 min Scan# 2258
Delta R.T. -0.02 min
Lab File: BM017962.D
Acq: 06 Dec 2018 11:56

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.6	26.2	39.4
249	30.8	24.0	36.0

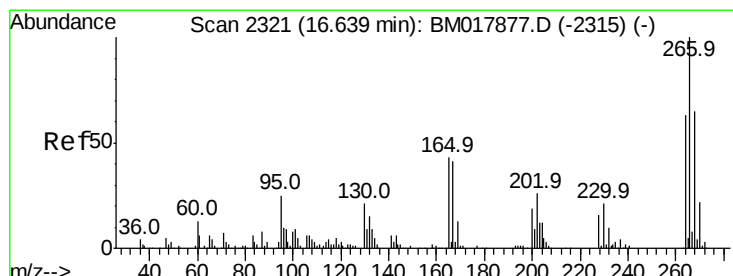
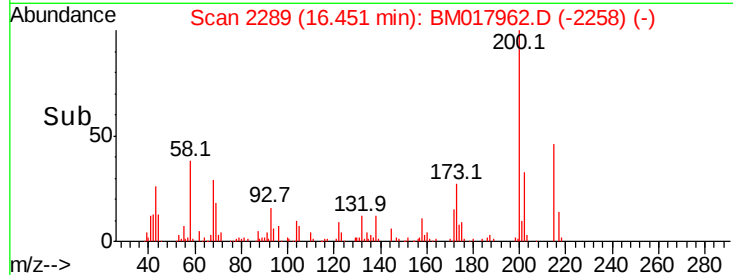
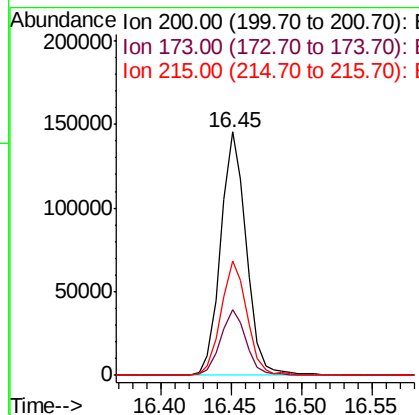
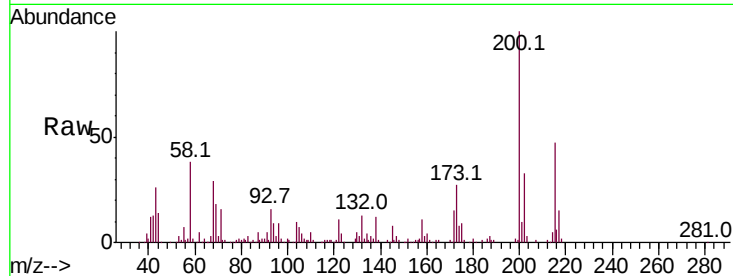




#67
 Atrazine
 Concen: 19.010 ng/ul
 RT: 16.45 min Scan# 2289
 Delta R.T. -0.02 min
 Lab File: BM017962.D
 Acq: 06 Dec 2018 11:56

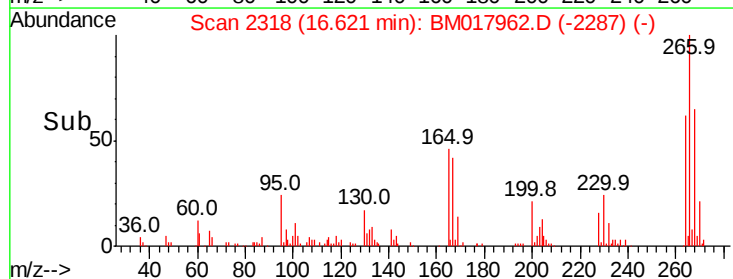
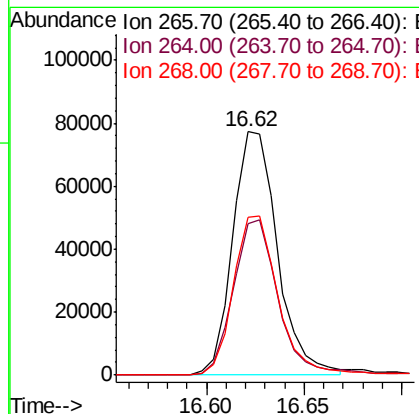
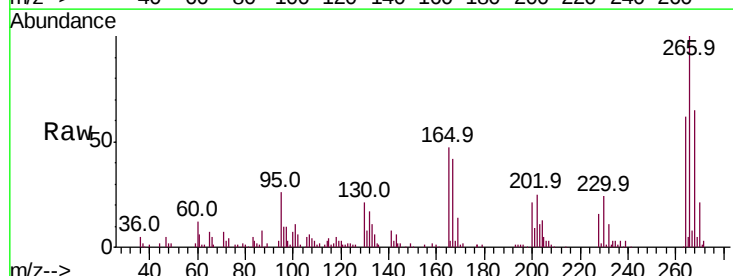
Instrument :
 BNA_M
 ClientSampleId :
 SST02079

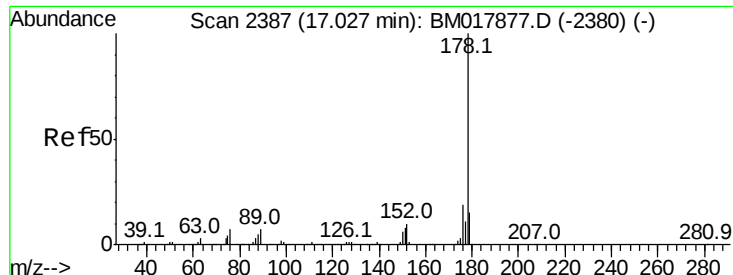
Tot Ion:	200	Resp:	183473
Ion	Ratio	Lower	Upper
200	100		
173	26.9	21.0	31.6
215	47.0	38.2	57.2



#68
 Pentachlorophenol
 Concen: 18.425 ng/ul
 RT: 16.62 min Scan# 2318
 Delta R.T. -0.02 min
 Lab File: BM017962.D
 Acq: 06 Dec 2018 11:56

Tgt Ion:	266	Resp:	123048
Ion	Ratio	Lower	Upper
266	100		
264	62.4	50.2	75.2
268	64.6	49.8	74.8





#69

Phenanthrene

Concen: 19.835 ng/ul

RT: 17.01 min Scan# 2384

Delta R.T. -0.02 min

Lab File: BM017962.D

Acq: 06 Dec 2018 11:56

Instrument :

BNA_M

ClientSampleId :

SSTD02079

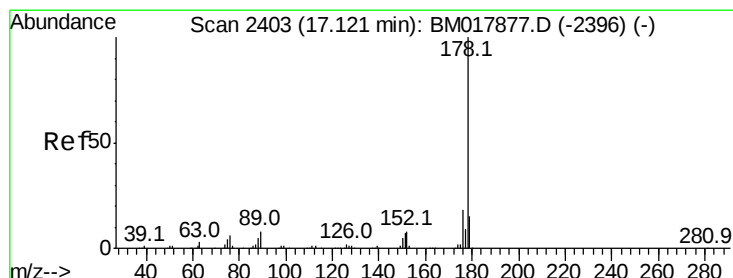
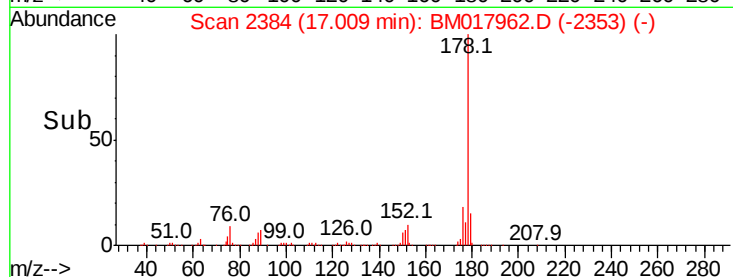
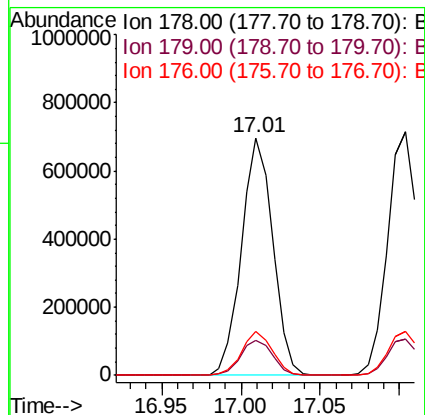
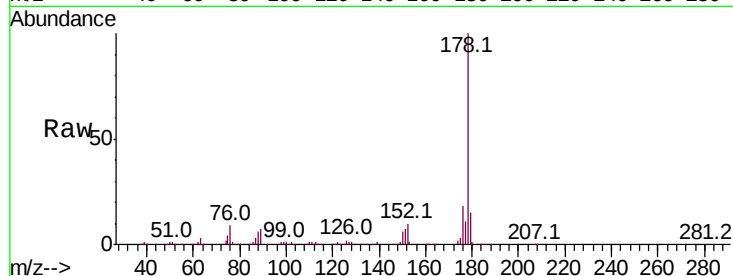
Tot Ion:178 Resp: 958623

Ion	Ratio	Lower	Upper
178	100		
179	14.8	11.8	17.8
176	18.3	15.0	22.6

178 100

179 14.8 11.8 17.8

176 18.3 15.0 22.6



#71

Anthracene

Concen: 19.781 ng/ul

RT: 17.10 min Scan# 2400

Delta R.T. -0.02 min

Lab File: BM017962.D

Acq: 06 Dec 2018 11:56

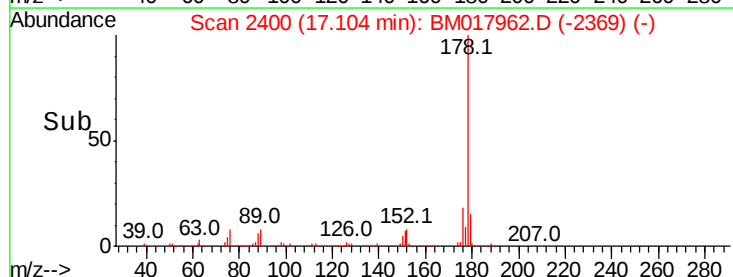
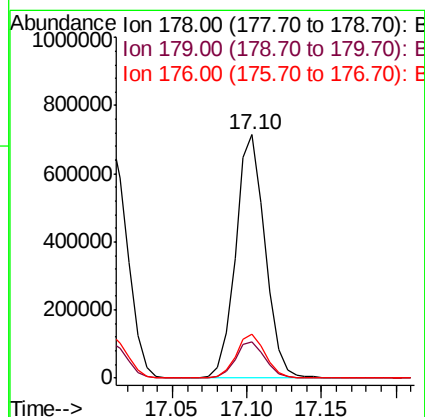
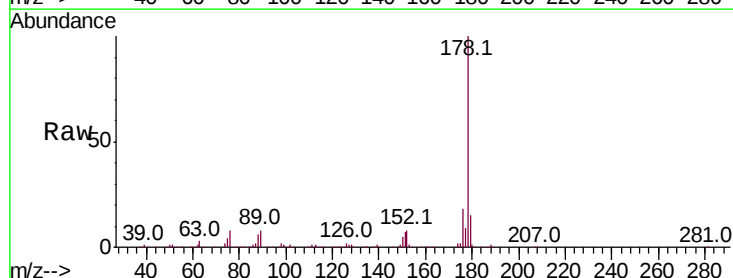
Tgt Ion:178 Resp: 977701

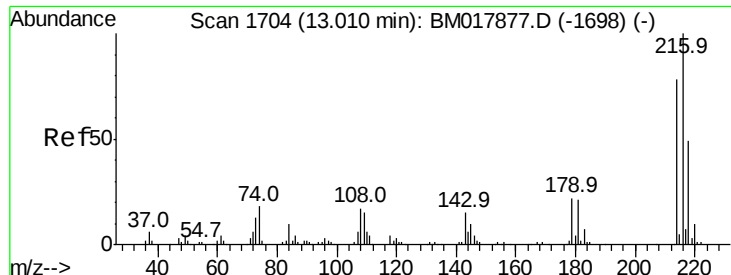
Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.4	18.6
176	18.2	14.8	22.2

178 100

179 15.1 12.4 18.6

176 18.2 14.8 22.2





#72

1,2,3,4-Tetrachlorobenzene

Concen: 23.327 ng/uL

RT: 12.99 min Scan# 1701

Delta R.T. -0.02 min

Lab File: BM017962.D

Acq: 06 Dec 2018 11:56

Instrument :

BNA_M

ClientSampleId :

SSTD02079

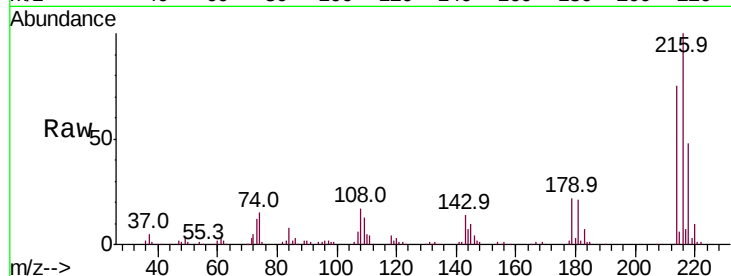
Tot Ion:216 Resp: 279387

Ion Ratio Lower Upper

216 100

214 75.4 62.2 93.4

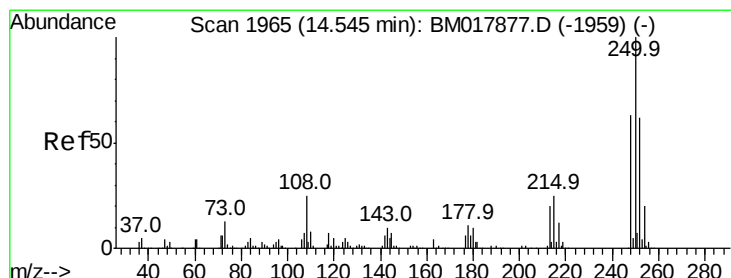
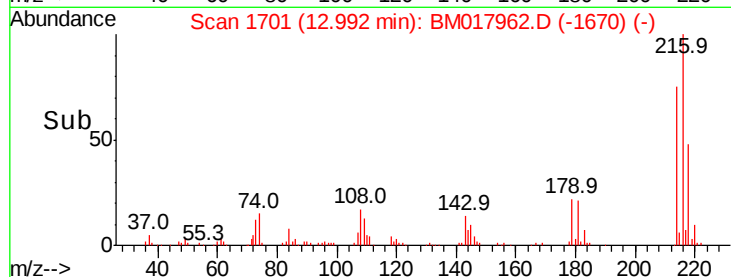
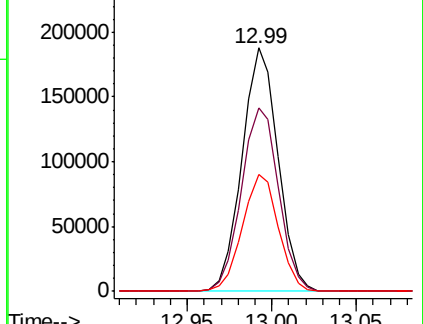
218 48.0 37.9 56.9



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E



#73

Pentachlorobenzene

Concen: 21.550 ng/uL

RT: 14.53 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BM017962.D

Acq: 06 Dec 2018 11:56

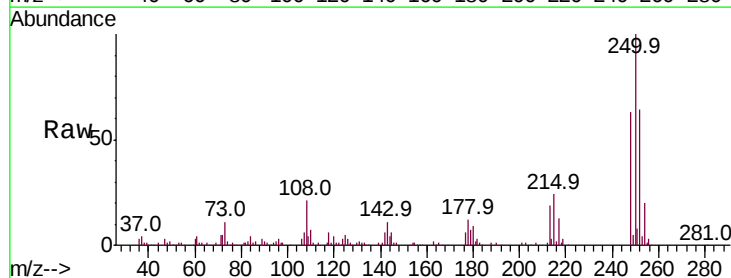
Tgt Ion:250 Resp: 263987

Ion Ratio Lower Upper

250 100

248 63.1 50.5 75.7

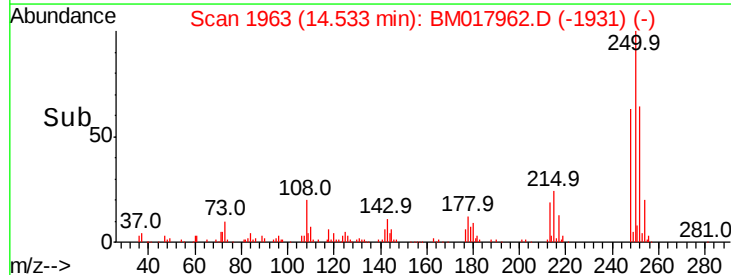
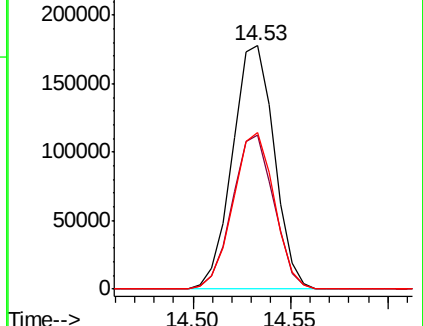
252 64.4 50.6 76.0

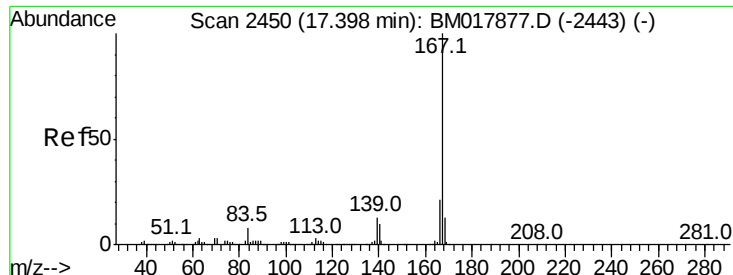


Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E





#74

Carbazole

Concen: 19.403 ng/ul

RT: 17.39 min Scan# 2448

Delta R.T. -0.01 min

Lab File: BM017962.D

Acq: 06 Dec 2018 11:56

Instrument :

BNA_M

ClientSampleId :

SSTD02079

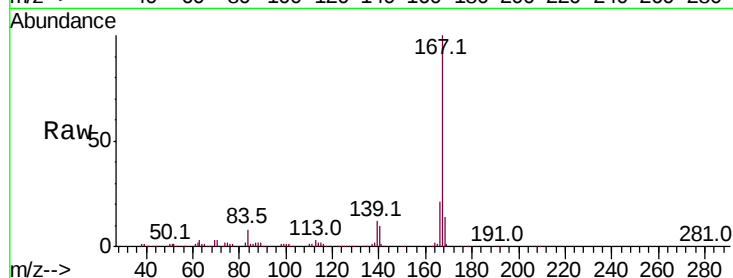
Tot Ion:167 Resp: 845039

Ion Ratio Lower Upper

167 100

166 21.0 17.0 25.4

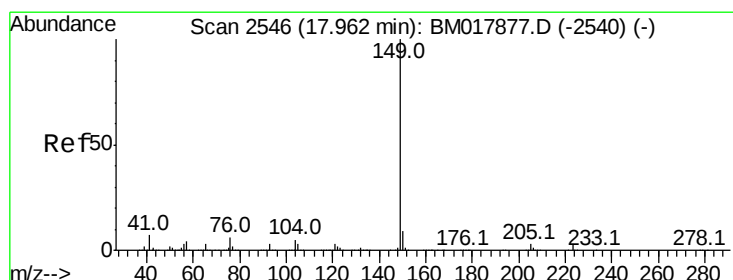
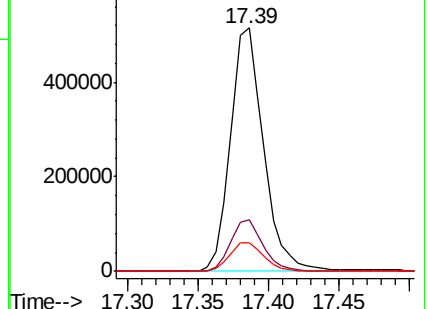
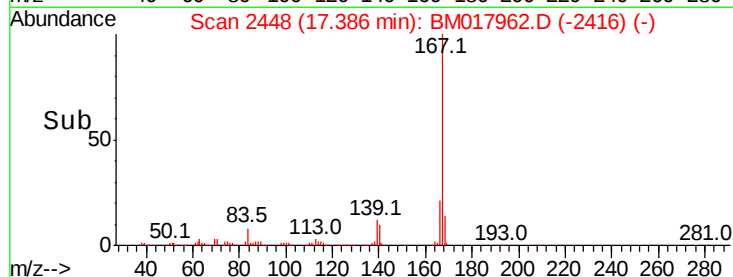
139 12.0 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#75

Di-n-butylphthalate

Concen: 18.792 ng/ul

RT: 17.95 min Scan# 2544

Delta R.T. -0.01 min

Lab File: BM017962.D

Acq: 06 Dec 2018 11:56

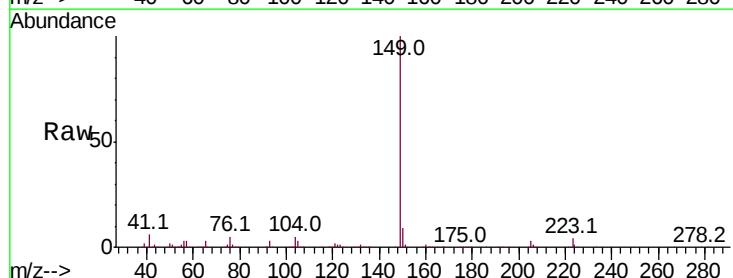
Tgt Ion:149 Resp: 1034264

Ion Ratio Lower Upper

149 100

150 9.0 7.0 10.6

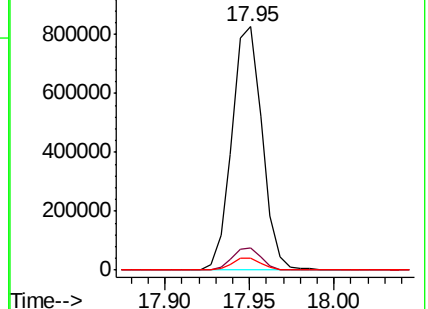
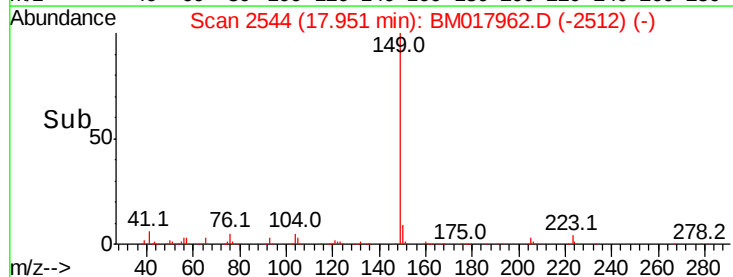
104 4.9 4.2 6.4

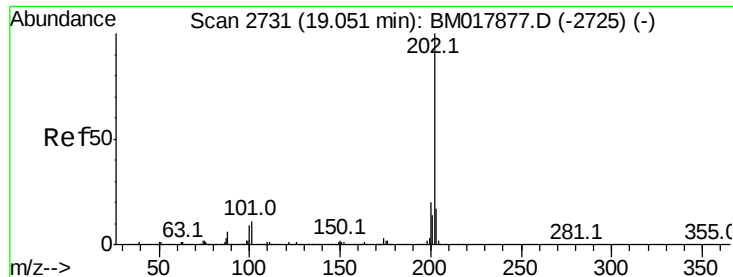


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

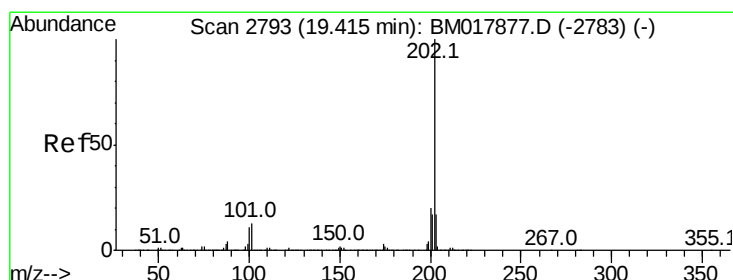
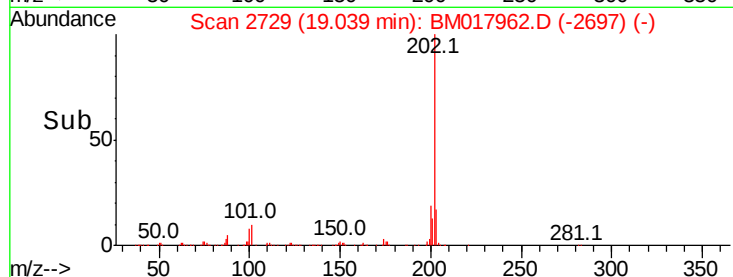
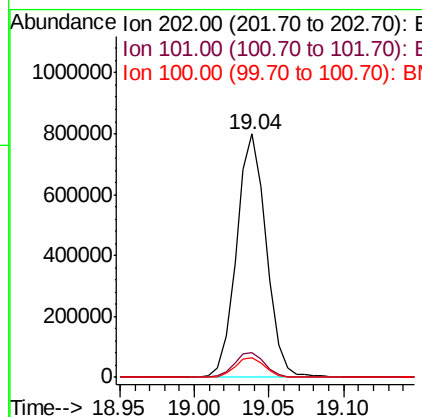
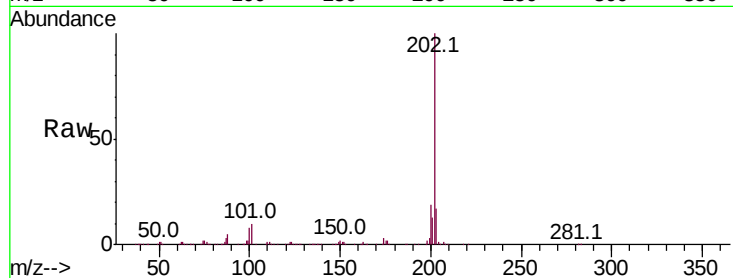




#76
Fluoranthene
Concen: 19.572 ng/ul
RT: 19.04 min Scan# 2729
Delta R.T. -0.01 min
Lab File: BM017962.D
Acq: 06 Dec 2018 11:56

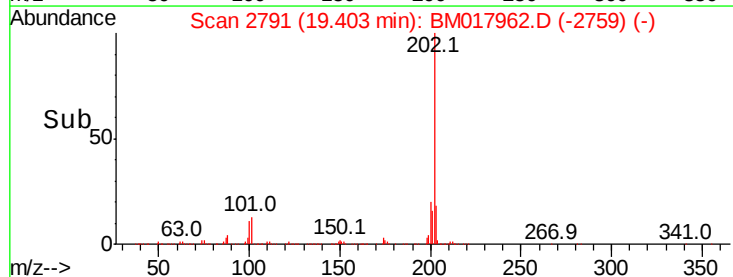
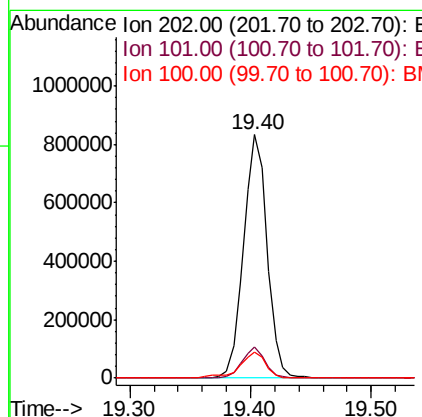
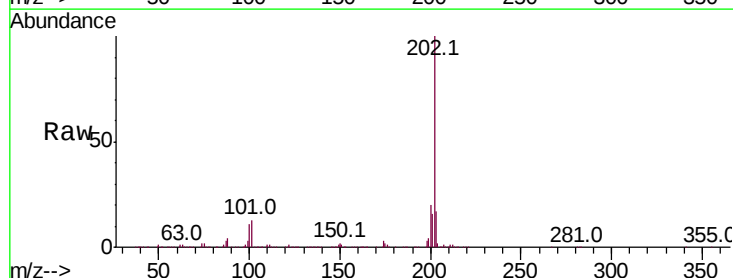
Instrument :
BNA_M
ClientSampleId :
SSTD02079

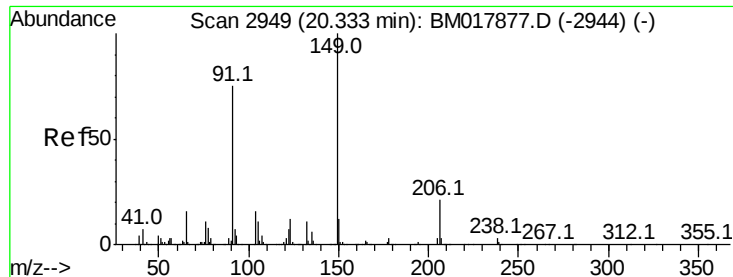
Tot Ion:202 Resp: 1112580
Ion Ratio Lower Upper
202 100
101 10.2 8.4 12.6
100 7.9 6.6 9.8



#79
Pyrene
Concen: 20.180 ng/ul
RT: 19.40 min Scan# 2791
Delta R.T. -0.01 min
Lab File: BM017962.D
Acq: 06 Dec 2018 11:56

Tgt Ion:202 Resp: 1139871
Ion Ratio Lower Upper
202 100
101 12.7 9.6 14.4
100 10.7 7.9 11.9

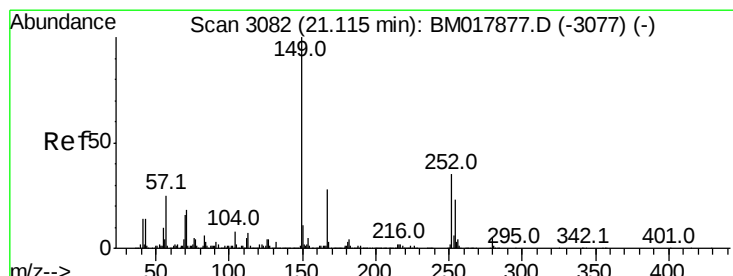
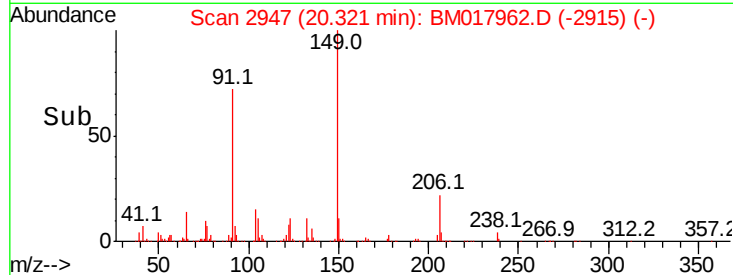
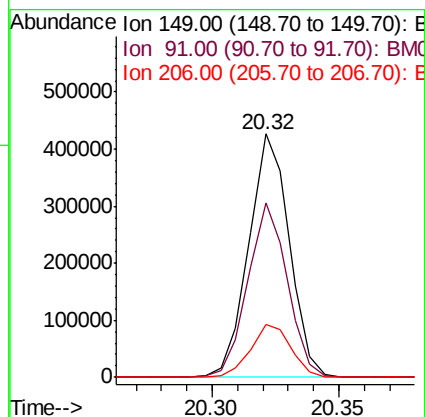
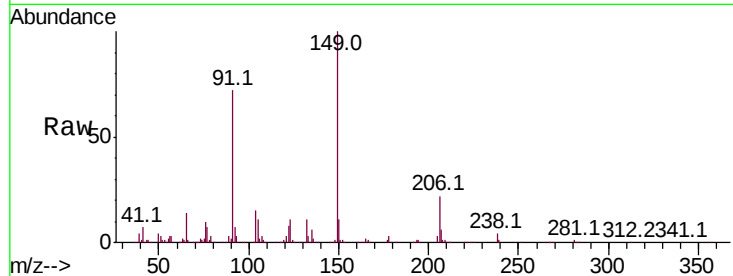




#80
Butylbenzylphthalate
Concen: 19.651 ng/ul
RT: 20.32 min Scan# 2947
Delta R.T. -0.01 min
Lab File: BM017962.D
Acq: 06 Dec 2018 11:56

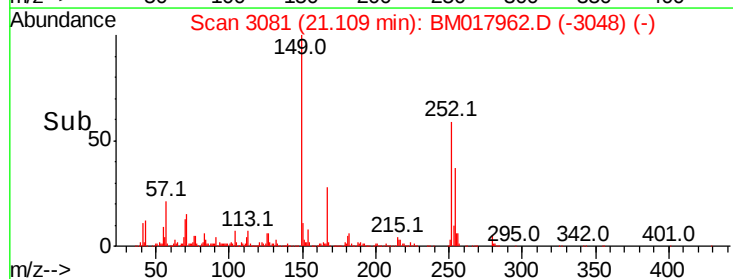
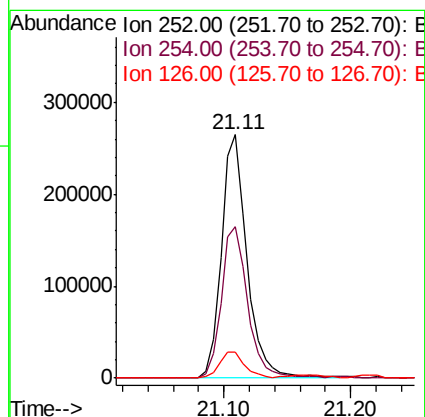
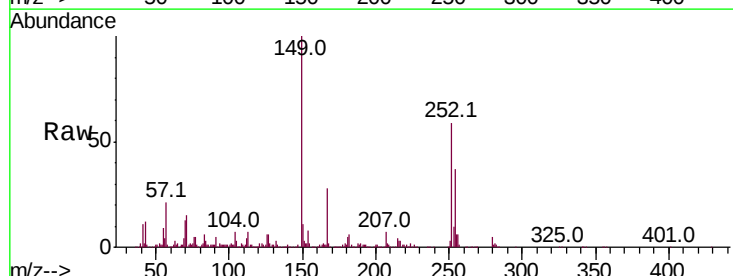
Instrument :
BNA_M
ClientSampleID :
SSTD02079

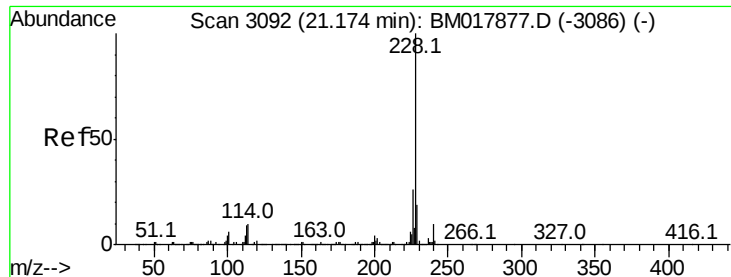
Tot Ion:149 Resp: 474613
Ion Ratio Lower Upper
149 100
91 71.5 58.0 87.0
206 21.6 16.6 24.8



#81
3,3'-Dichlorobenzidine
Concen: 19.387 ng/ul
RT: 21.11 min Scan# 3081
Delta R.T. -0.01 min
Lab File: BM017962.D
Acq: 06 Dec 2018 11:56

Tgt Ion:252 Resp: 371340
Ion Ratio Lower Upper
252 100
254 62.3 51.2 76.8
126 10.8 9.1 13.7





#82

Benzo(a)anthracene

Concen: 19.845 ng/ul

RT: 21.16 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM017962.D

Acq: 06 Dec 2018 11:56

Instrument :

BNA_M

ClientSampleId :

SSTD02079

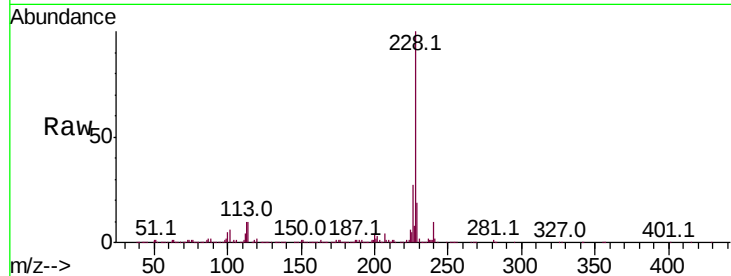
Tot Ion:228 Resp: 1145284

Ion Ratio Lower Upper

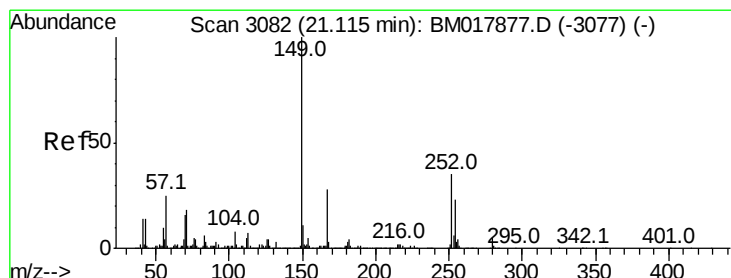
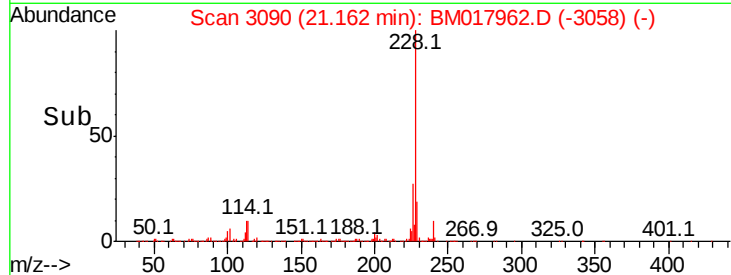
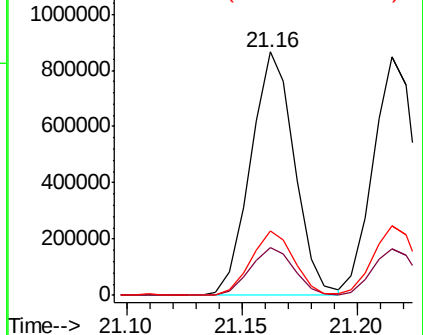
228 100

229 19.5 16.0 24.0

226 26.6 21.0 31.6



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 19.858 ng/ul

RT: 21.10 min Scan# 3080

Delta R.T. -0.01 min

Lab File: BM017962.D

Acq: 06 Dec 2018 11:56

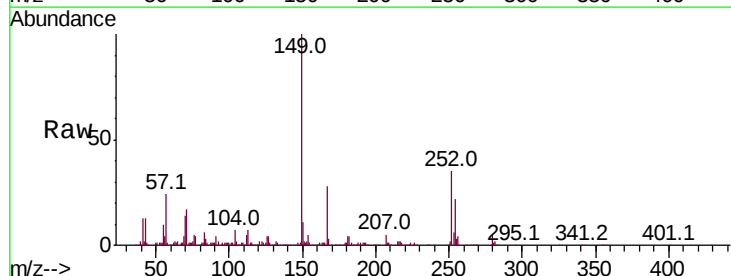
Tgt Ion:149 Resp: 710226

Ion Ratio Lower Upper

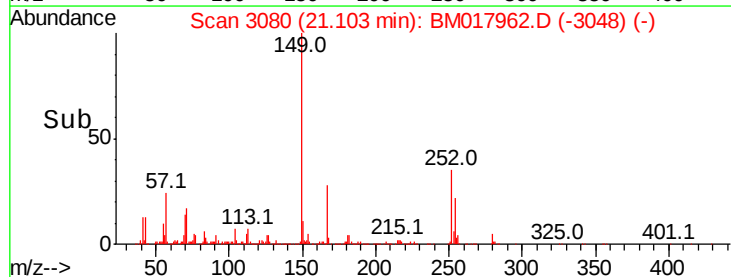
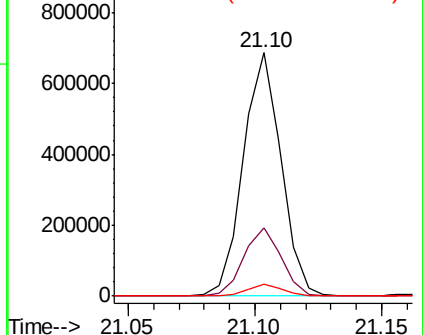
149 100

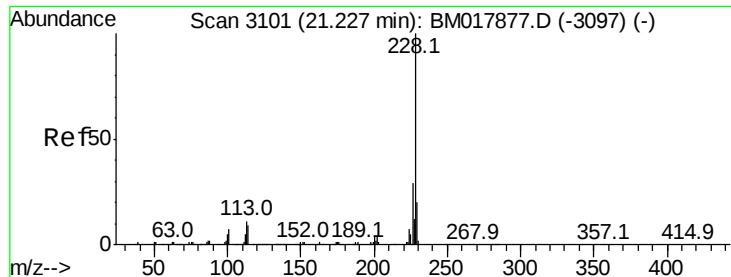
167 27.9 21.9 32.9

279 4.7 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 20.042 ng/ul

RT: 21.22 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM017962.D

Acq: 06 Dec 2018 11:56

Instrument :

BNA_M

ClientSampleId :

SSTD02079

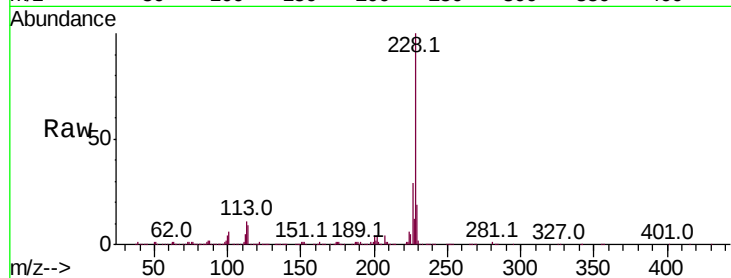
Tot Ion:228 Resp: 1081739

Ion Ratio Lower Upper

228 100

226 29.3 23.7 35.5

229 19.3 15.8 23.8

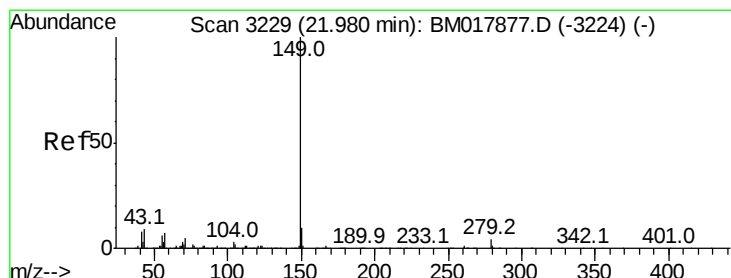
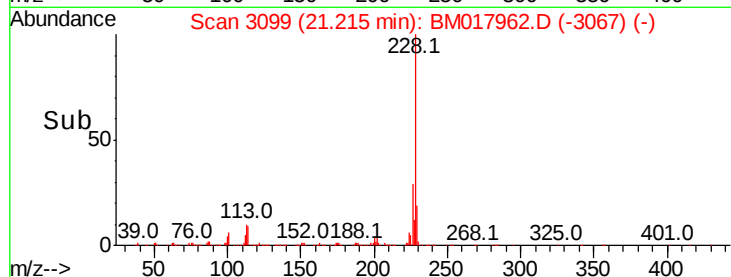
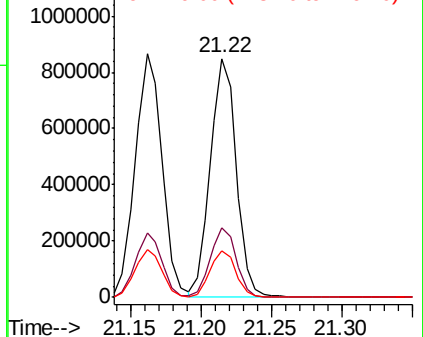


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86

Di-n-octyl phthalate

Concen: 17.555 ng/ul

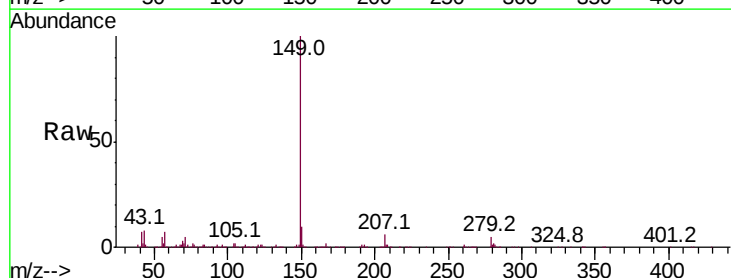
RT: 21.97 min Scan# 3227

Delta R.T. -0.01 min

Lab File: BM017962.D

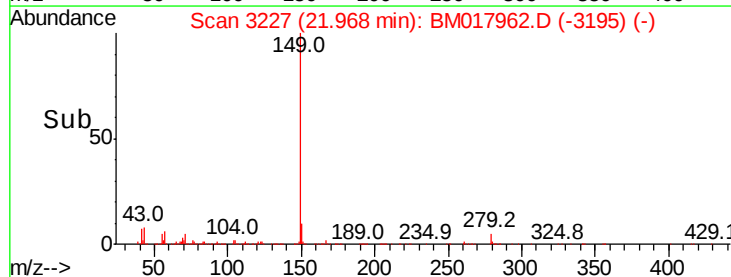
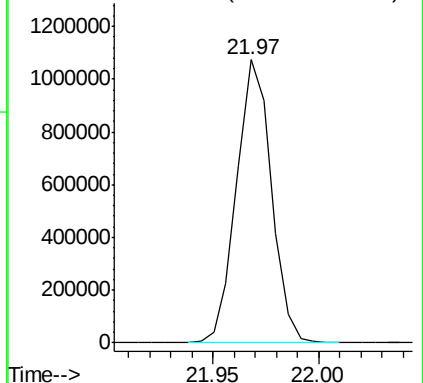
Acq: 06 Dec 2018 11:56

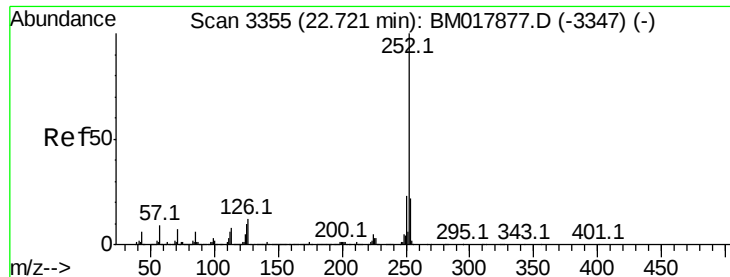
Tgt Ion:149 Resp: 1224215



Abundance

Ion 149.00 (148.70 to 149.70): E





#87

Benzo(b)fluoranthene

Concen: 19.743 ng/ul

RT: 22.71 min Scan# 3353

Delta R.T. -0.01 min

Lab File: BM017962.D

Acq: 06 Dec 2018 11:56

Instrument :

BNA_M

ClientSampleId :

SSTD02079

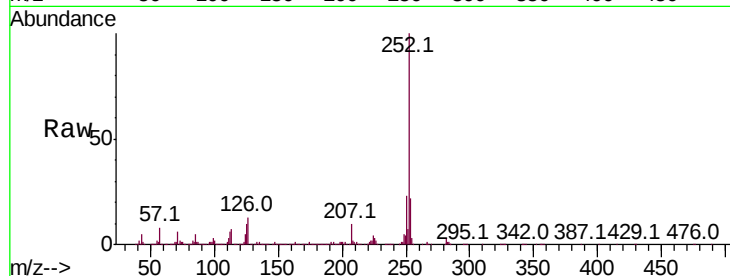
Tot Ion:252 Resp: 1221851

Ion Ratio Lower Upper

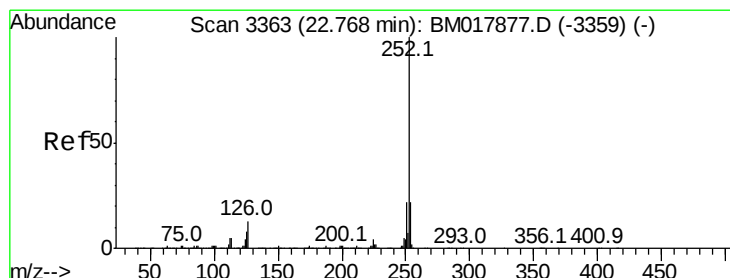
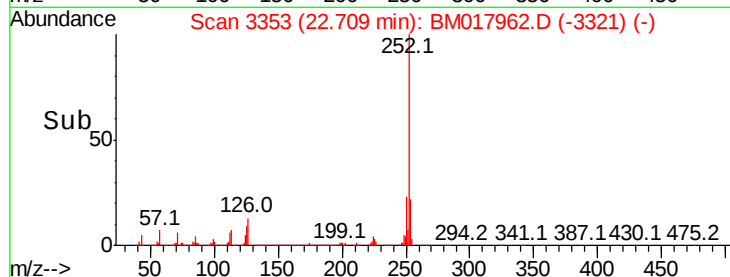
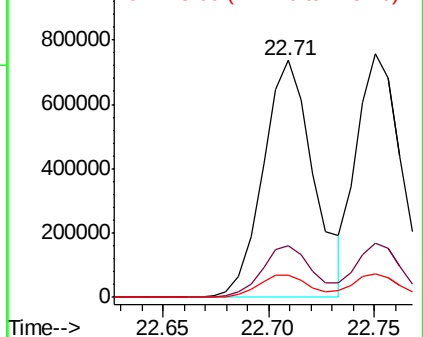
252 100

253 21.7 17.0 25.4

125 9.5 7.3 10.9



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



#88

Benzo(k)fluoranthene

Concen: 18.445 ng/ul

RT: 22.75 min Scan# 3360

Delta R.T. -0.02 min

Lab File: BM017962.D

Acq: 06 Dec 2018 11:56

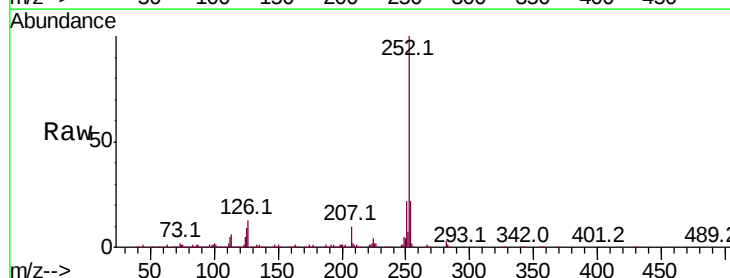
Tgt Ion:252 Resp: 1109465

Ion Ratio Lower Upper

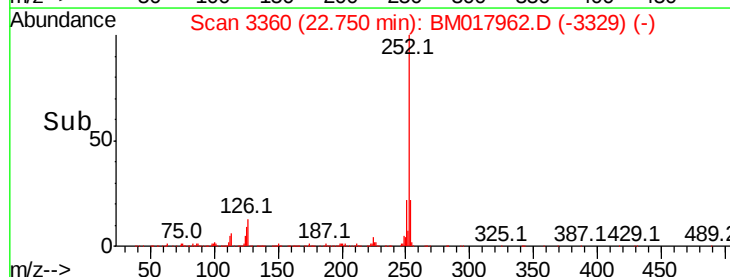
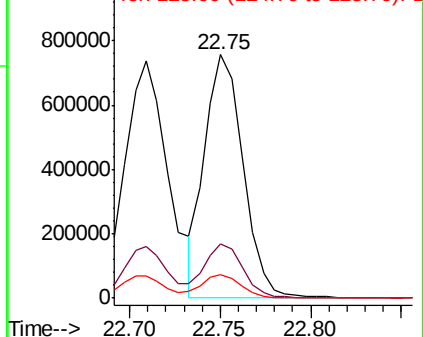
252 100

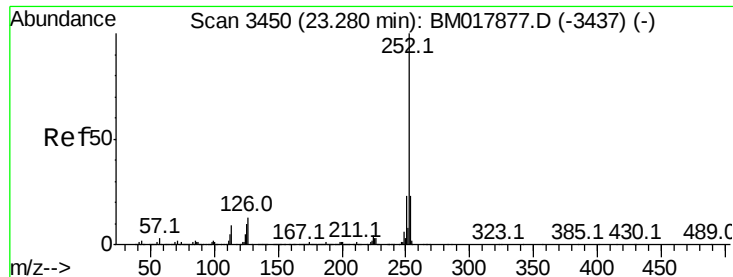
253 22.0 17.4 26.0

125 9.5 7.1 10.7



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





#90

Benzo(a)pyrene

Concen: 19.599 ng/ul

RT: 23.26 min Scan# 3447

Delta R.T. -0.02 min

Lab File: BM017962.D

Acq: 06 Dec 2018 11:56

Instrument :

BNA_M

ClientSampleId :

SSTD02079

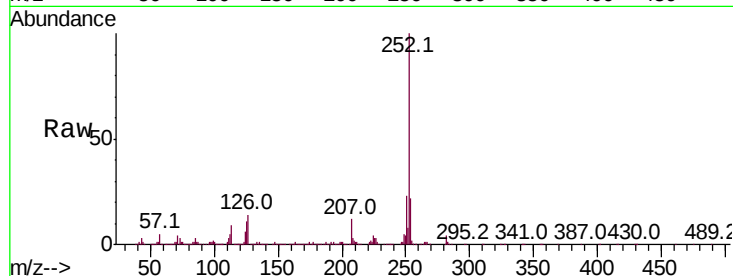
Tot Ion:252 Resp: 1150286

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.0
125	10.7	7.9	11.9

252 100

253 22.5 17.4 26.0

125 10.7 7.9 11.9

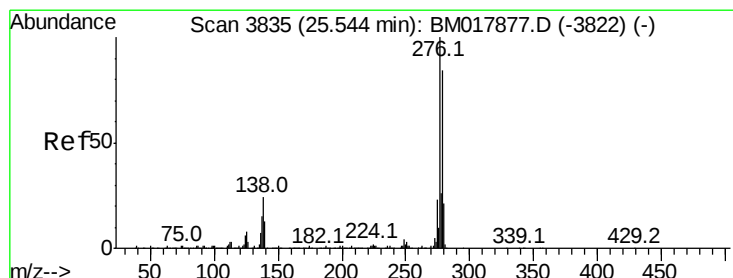
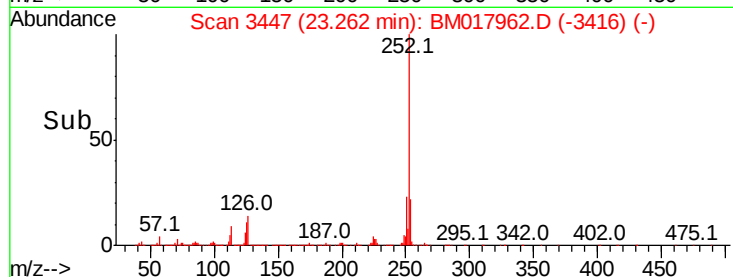
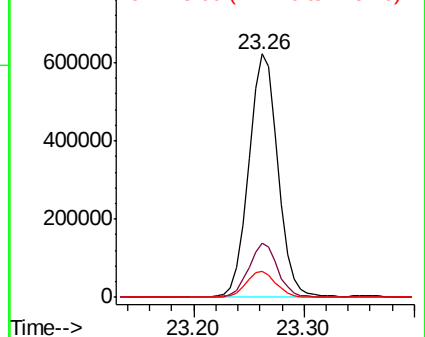


Abundance

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



#91

Indeno(1,2,3-cd)pyrene

Concen: 22.720 ng/ul

RT: 25.51 min Scan# 3830

Delta R.T. -0.03 min

Lab File: BM017962.D

Acq: 06 Dec 2018 11:56

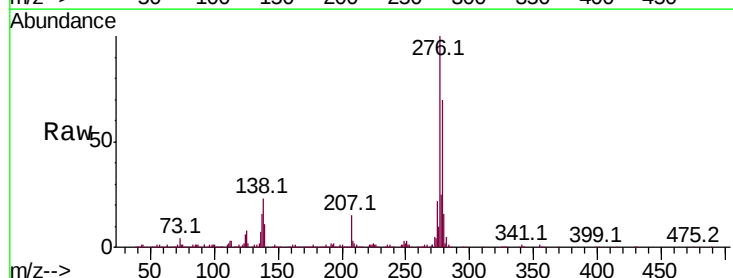
Tgt Ion:276 Resp: 1412897

Ion	Ratio	Lower	Upper
276	100		
138	22.9	18.2	27.2
277	25.0	20.2	30.4

276 100

138 22.9 18.2 27.2

277 25.0 20.2 30.4

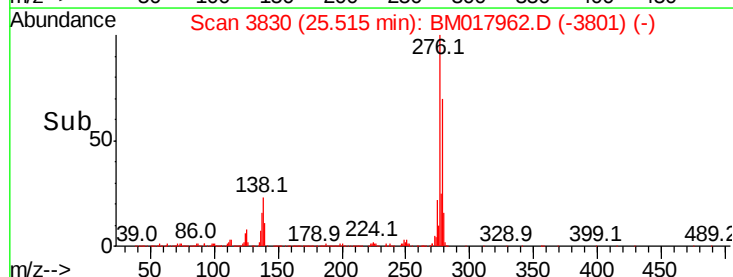
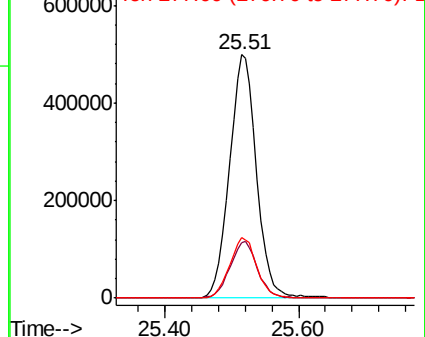


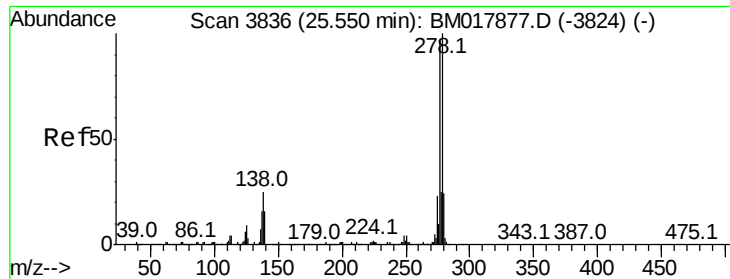
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#92

Dibenzo(a,h)anthracene

Concen: 22.453 ng/ul

RT: 25.53 min Scan# 3832

Delta R.T. -0.02 min

Lab File: BM017962.D

Acq: 06 Dec 2018 11:56

Instrument :

BNA_M

ClientSampleId :

SSTD02079

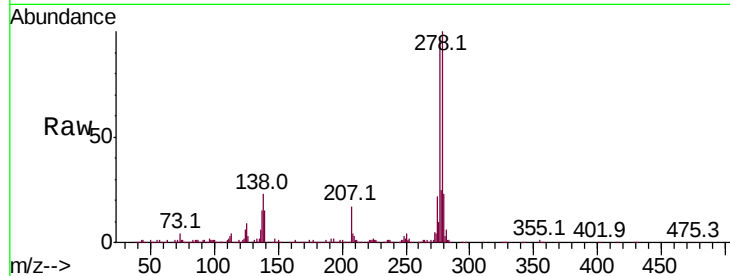
Tot Ion:278 Resp: 1178903

Ion Ratio Lower Upper

278 100

139 14.9 11.5 17.3

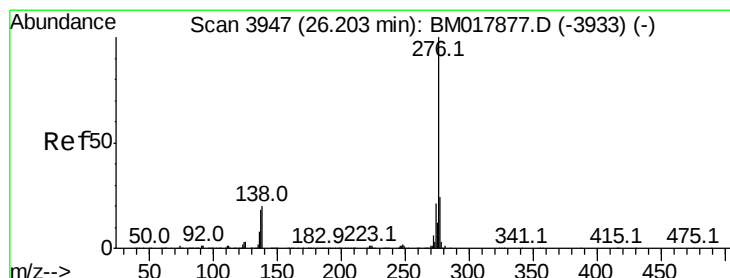
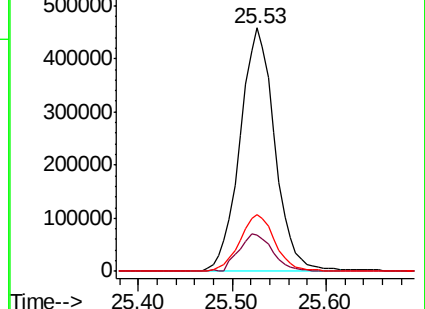
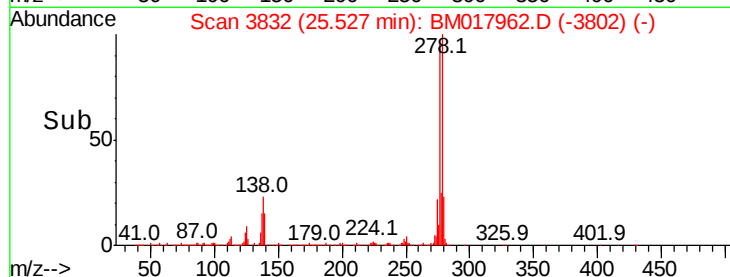
279 23.1 18.9 28.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#93

Benzo(g,h,i)perylene

Concen: 23.748 ng/ul

RT: 26.18 min Scan# 3943

Delta R.T. -0.02 min

Lab File: BM017962.D

Acq: 06 Dec 2018 11:56

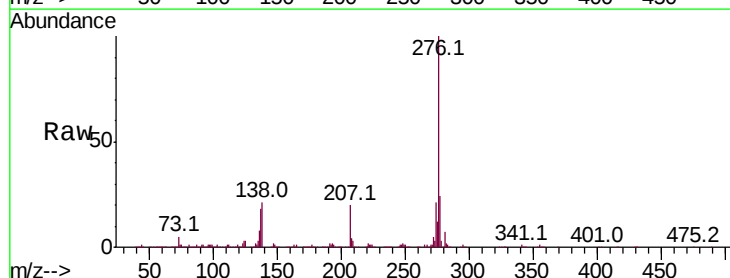
Tgt Ion:276 Resp: 1193575

Ion Ratio Lower Upper

276 100

138 20.5 15.8 23.6

277 24.1 18.6 27.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

