

Data File : BM013477.D
Acq On : 16 Dec 2017 15:21
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02043

Quant Time: Dec 18 00:31:48 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	236422	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1033717	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	598700	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1344206	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1076158	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	859784	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	33576	7.03	ng/uL	0.00
5) Phenol-d5	6.86	99	402173	19.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	231652	19.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	319998	20.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	330792	18.93	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	164121	20.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	184230	21.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	350577	19.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	398553	23.98	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	994445	18.67	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	1297489	19.74	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	161374	17.43	ng/ul	0.00
57) Fluorene-d10	15.32	176	856430	18.69	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	123771	14.64	ng/ul	0.00
70) Anthracene-d10	17.17	188	1345532	19.99	ng/ul	0.00
76) Pyrene-d10	19.46	212	1306989	24.38	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	848526	19.38	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.26	88	37901	7.07	ng/uL#	63
4) Benzaldehyde	6.83	77	211309	20.88	ng/ul	84
6) Phenol	6.88	94	394936	19.53	ng/ul#	84
8) Bis(2-Chloroethyl)ether	7.11	93	305563	19.76	ng/ul	100
10) 2-Chlorophenol	7.24	128	317761	20.27	ng/ul	94
11) 2-Methylphenol	8.12	108	302802	19.36	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.20	45	331075	20.39	ng/ul#	81
14) Acetophenone	8.49	105	516722	19.44	ng/ul	90
15) N-Nitroso-di-n-propylamine	8.48	70	251845	18.81	ng/ul#	71
16) 4-Methylphenol	8.45	108	328975	19.67	ng/ul	94
17) Hexachloroethane	8.74	117	128448	18.82	ng/ul#	78
20) Nitrobenzene	8.87	77	387768	18.78	ng/ul	94
21) Isophorone	9.39	82	697389	19.19	ng/ul	94
23) 2-Nitrophenol	9.57	139	187994	20.67	ng/ul#	77
24) 2,4-Dimethylphenol	9.64	107	376861	19.00	ng/ul#	86
25) Bis(2-Chloroethoxy)methane	9.87	93	411843	19.37	ng/ul	98
27) 2,4-Dichlorophenol	10.11	162	324170	19.41	ng/ul	88
28) Naphthalene	10.50	128	1045432	19.66	ng/ul	99
30) 4-Chloroaniline	10.62	127	390627	24.28	ng/ul	95
31) Hexachlorobutadiene	10.78	225	222835	18.42	ng/ul	96
32) Caprolactam	11.40	113	74675	13.99	ng/ul#	37
33) 4-Chloro-3-methylphenol	11.75	107	336149	18.35	ng/ul	95
34) 2-Methylnaphthalene	12.12	142	756330	18.92	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	427920	19.81	ng/ul#	91
37) Hexachlorocyclopentadiene	12.47	237	196410	13.81	ng/ul#	96
38) 2,4,6-Trichlorophenol	12.74	196	277895	20.63	ng/ul	94
39) 2,4,5-Trichlorophenol	12.82	196	290260	20.29	ng/ul	100
40) 1,1'-Biphenyl	13.15	154	1001861	19.80	ng/ul	97
41) 2-Chloronaphthalene	13.19	162	794661	20.02	ng/ul	99
42) 2-Nitroaniline	13.40	65	227052	19.52	ng/ul	94
44) Dimethylphthalate	13.78	163	942595	18.50	ng/ul	98
45) 2,6-Dinitrotoluene	13.90	165	204846	19.71	ng/ul	97
47) Acenaphthylene	14.04	152	1208026	19.86	ng/ul	98
48) 3-Nitroaniline	14.23	138	192962	20.77	ng/ul	97
49) Acenaphthene	14.38	153	810751	19.56	ng/ul	99
50) 2,4-Dinitrophenol	14.45	184	82328	14.32	ng/ul	93
52) 4-Nitrophenol	14.55	109	145788	16.05	ng/ul	84
53) Dibenzofuran	14.72	168	1159867	18.96	ng/ul	98
54) 2,4-Dinitrotoluene	14.70	165	291273	19.27	ng/ul	88
55) 2,3,4,6-Tetrachlorophenol	14.95	232	249444	19.02	ng/ul	92
56) Diethylphthalate	15.15	149	951523	18.62	ng/ul	95
58) Fluorene	15.37	166	946270	18.69	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.37	204	501282	18.25	ng/ul	96
60) 4-Nitroaniline	15.40	138	217589	19.85	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.46	198	120500	14.26	ng/ul	94
64) N-Nitrosodiphenylamine	15.59	169	814161	20.56	ng/ul	96
65) 4-Bromophenyl-phenylether	16.26	248	319216	20.20	ng/ul	97
66) Hexachlorobenzene	16.37	284	342172	19.64	ng/ul#	94
67) Atrazine	16.54	200	296937	20.32	ng/ul	93
68) Pentachlorophenol	16.72	266	169187	16.79	ng/ul	97
69) Phenanthrene	17.11	178	1493159	19.55	ng/ul	99
71) Anthracene	17.20	178	1541073	19.74	ng/ul	99
72) Carbazole	17.47	167	1273166	18.96	ng/ul	99
73) Di-n-butylphthalate	18.04	149	1547539	19.74	ng/ul	99
74) Fluoranthene	19.13	202	1658212	17.72	ng/ul#	92
77) Pyrene	19.49	202	1616684	24.73	ng/ul#	90
78) Butylbenzylphthalate	20.40	149	663399	25.97	ng/ul	91
79) 3,3'-Dichlorobenzidine	21.18	252	368958	16.31	ng/ul#	95
80) Benzo(a)anthracene	21.24	228	1339853	19.62	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.18	149	904357	23.49	ng/ul	99
82) Chrysene	21.30	228	1224155	19.32	ng/ul	98
84) Di-n-octyl phthalate	22.06	149	1430210	23.39	ng/ul	99
85) Benzo(b)fluoranthene	22.82	252	1123211	19.38	ng/ul#	98
86) Benzo(k)fluoranthene	22.86	252	1028214	18.85	ng/ul#	98
88) Benzo(a)pyrene	23.39	252	1009606	19.39	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.71	276	1112583	21.54	ng/ul#	93
90) Dibenzo(a,h)anthracene	25.72	278	952751	21.66	ng/ul#	94
91) Benzo(g,h,i)perylene	26.40	276	921251	22.61	ng/ul#	94

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

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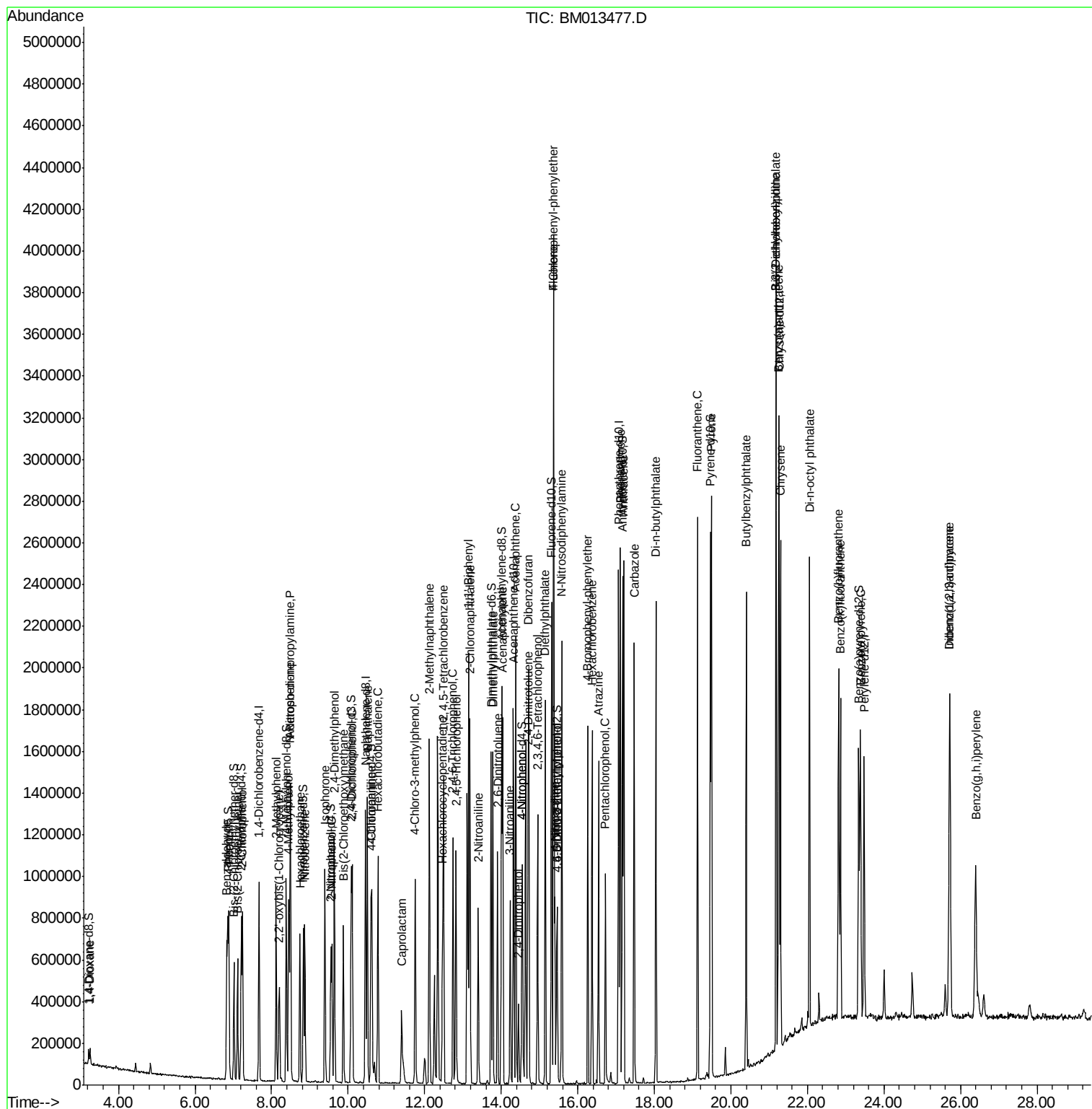
Quant Time: Dec 18 00:31:48 2017

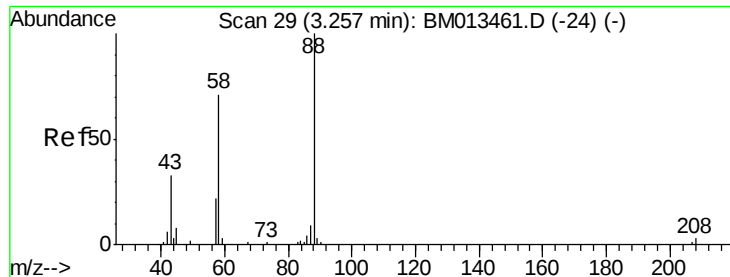
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M

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#2

1,4-Dioxane

Concen: 7.07 ng/uL

RT: 3.26 min Scan# 29

Delta R.T. -0.01 min

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Instrument :

BNA_M

ClientSampleId :

SSTD02043

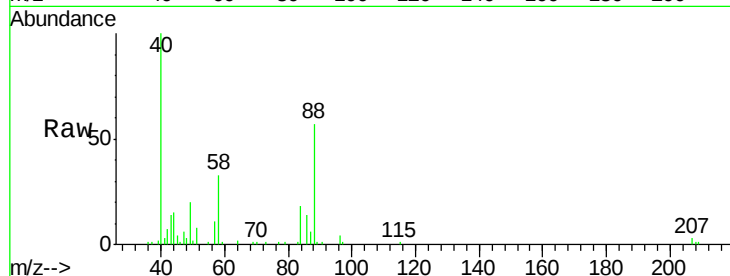
Tgt Ion: 88 Resp: 37901

Ion Ratio Lower Upper

88 100

43 30.3 48.0 72.0#

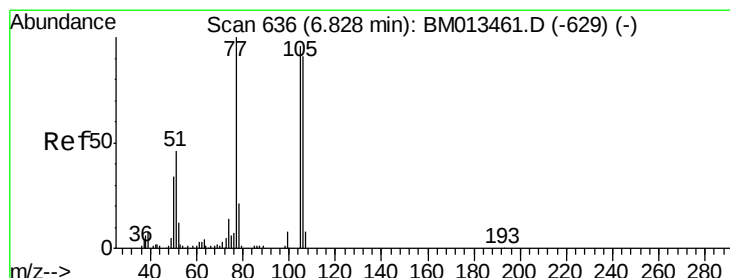
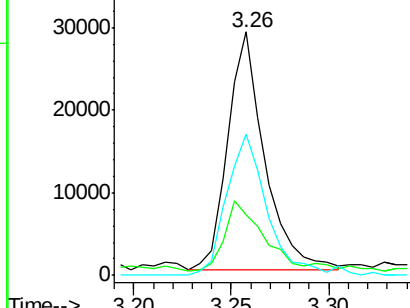
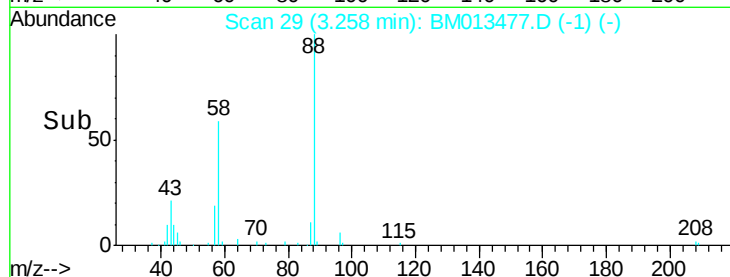
58 63.8 80.0 120.0#



Abundance Ion 88.00 (87.70 to 88.70): BM013461.D (-24) (-)

Ion 43.00 (42.70 to 43.70): BM013461.D (-24) (-)

Ion 58.00 (57.70 to 58.70): BM013461.D (-24) (-)



#4

Benzaldehyde

Concen: 20.88 ng/uL

RT: 6.83 min Scan# 636

Delta R.T. -0.01 min

Lab File: BM013477.D

Acq: 16 Dec 2017 15:21

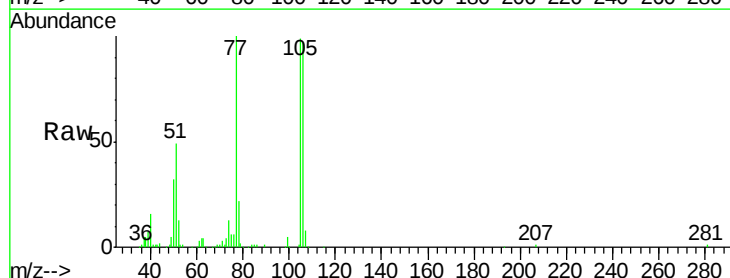
Tgt Ion: 77 Resp: 211309

Ion Ratio Lower Upper

77 100

105 99.1 66.1 99.1

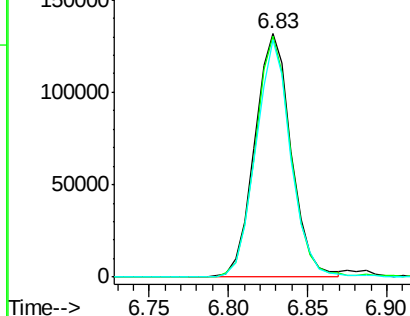
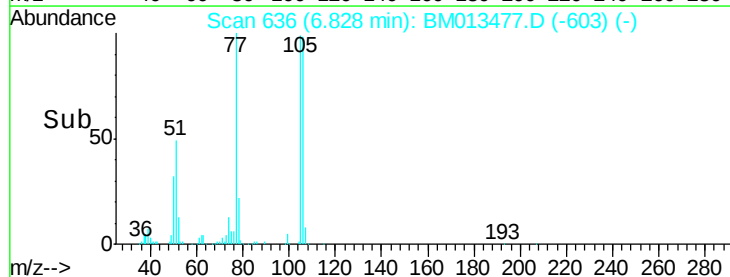
106 97.3 67.8 101.6

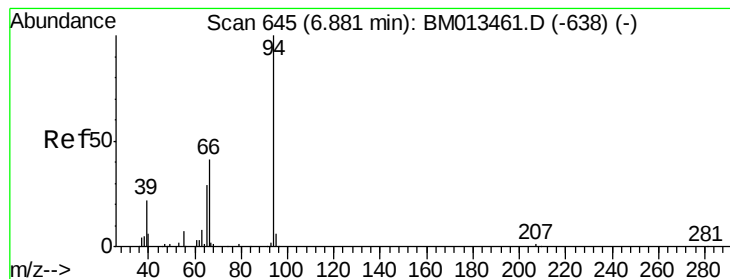


Abundance Ion 77.00 (76.70 to 77.70): BM013461.D (-629) (-)

Ion 105.00 (104.70 to 105.70): BM013461.D (-629) (-)

Ion 106.00 (105.70 to 106.70): BM013461.D (-629) (-)





#6

Phenol

Concen: 19.53 ng/ul

RT: 6.88 min Scan# 645

Delta R.T. -0.00 min

Lab File: BM013477.D

Acq: 16 Dec 2017 15:21

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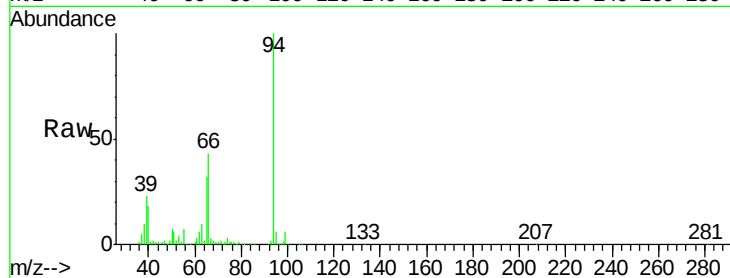
Tgt Ion: 94 Resp: 394936

Ion Ratio Lower Upper

94 100

65 31.7 28.2 42.4

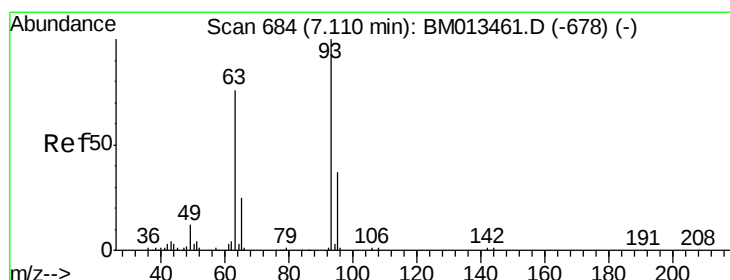
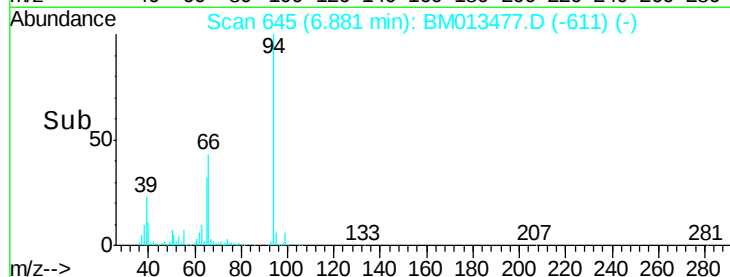
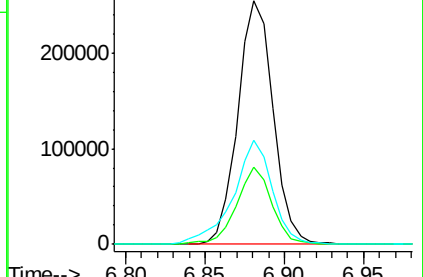
66 42.6 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM013461.D (-638) (-)

Ion 65.00 (64.70 to 65.70): BM013461.D (-638) (-)

Ion 66.00 (65.70 to 66.70): BM013461.D (-638) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 19.76 ng/ul

RT: 7.11 min Scan# 684

Delta R.T. -0.00 min

Lab File: BM013477.D

Acq: 16 Dec 2017 15:21

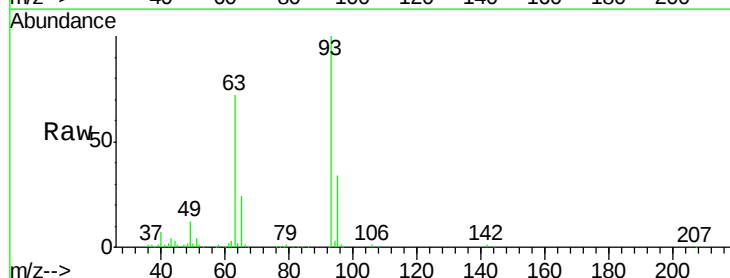
Tgt Ion: 93 Resp: 305563

Ion Ratio Lower Upper

93 100

63 72.0 57.3 85.9

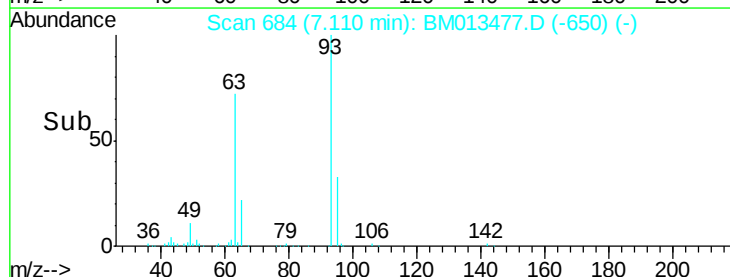
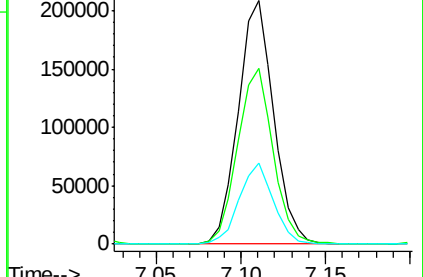
95 33.5 26.6 39.8

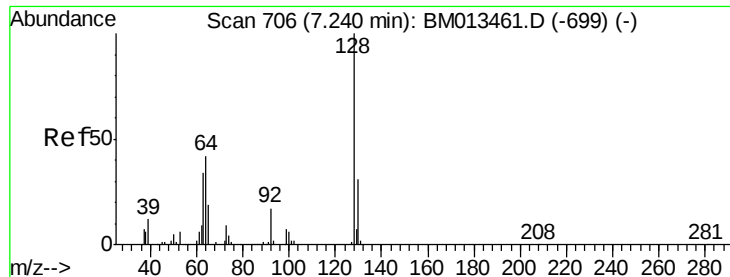


Abundance Ion 93.00 (92.70 to 93.70): BM013461.D (-678) (-)

Ion 63.00 (62.70 to 63.70): BM013461.D (-678) (-)

Ion 95.00 (94.70 to 95.70): BM013461.D (-678) (-)

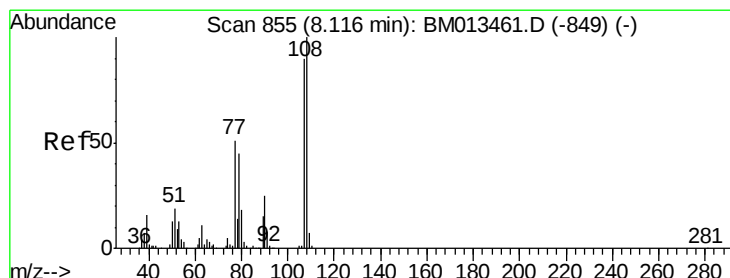
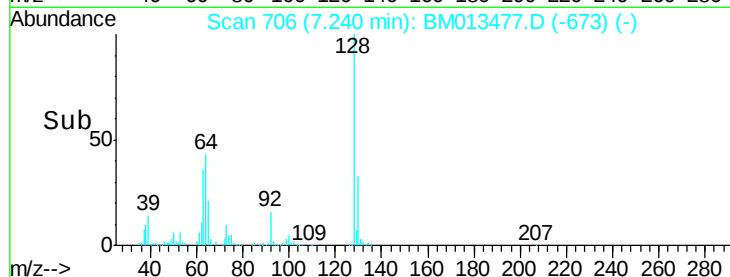
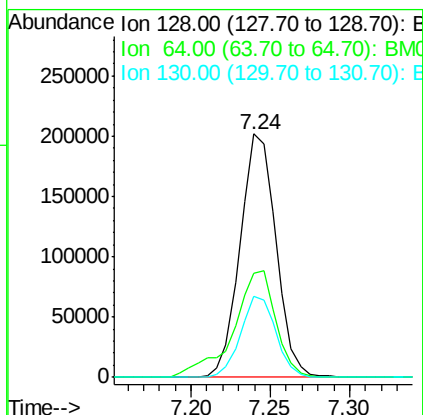
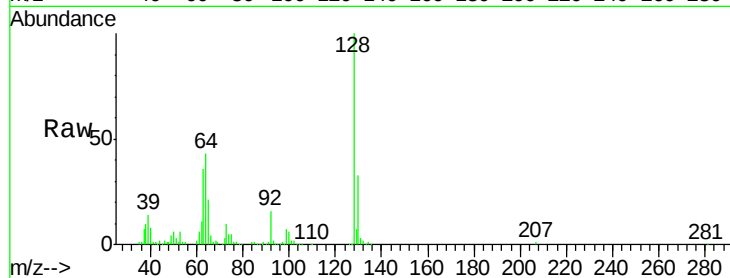




#10
2-Chlorophenol
Concen: 20.27 ng/ul
RT: 7.24 min Scan# 706
Delta R.T. -0.01 min
Lab File: BM013477.D
Acq: 16 Dec 2017 15:21

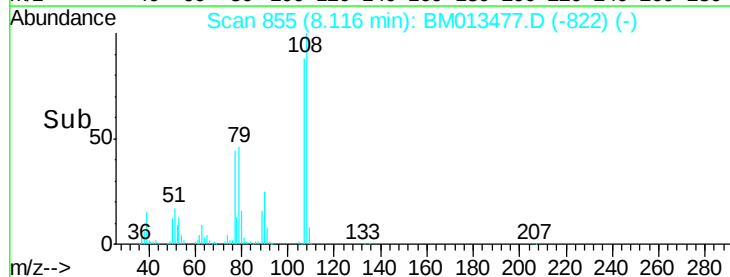
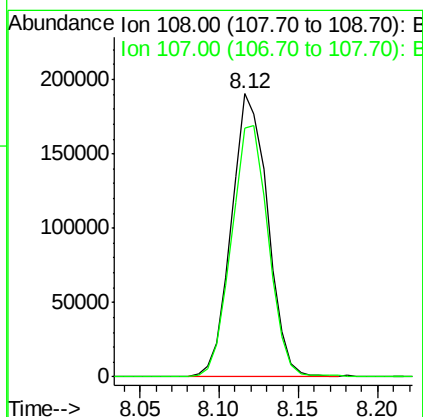
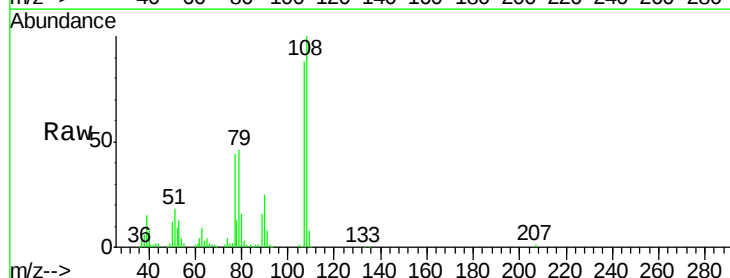
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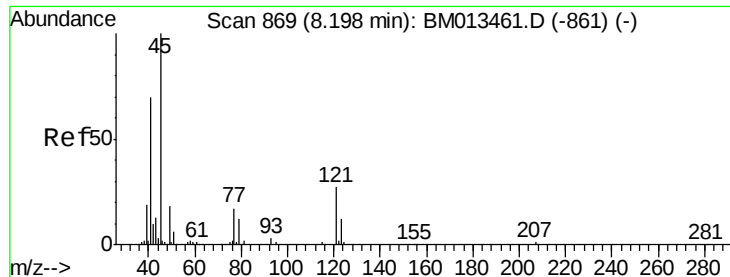
Tgt Ion:128 Resp: 317761
Ion Ratio Lower Upper
128 100
64 42.9 38.0 57.0
130 33.4 24.4 36.6



#11
2-Methylphenol
Concen: 19.36 ng/ul
RT: 8.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BM013477.D
Acq: 16 Dec 2017 15:21

Tgt Ion:108 Resp: 302802
Ion Ratio Lower Upper
108 100
107 87.8 72.6 108.8

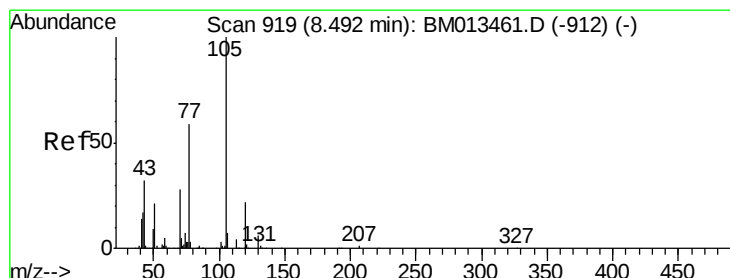
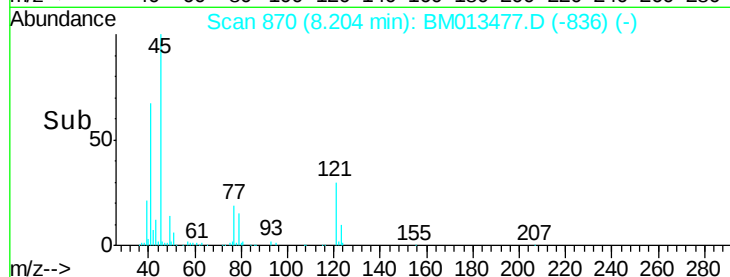
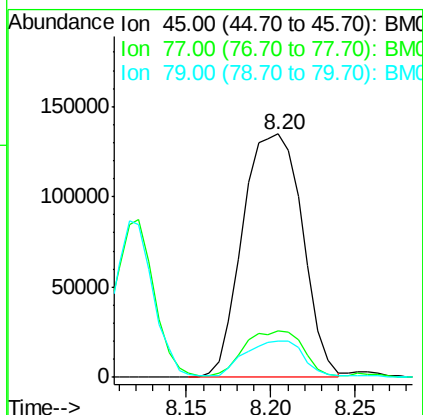
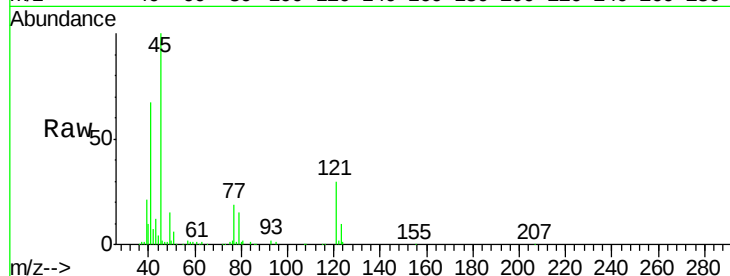




#12
 2,2'-oxybis(1-chloropropane)
 Concen: 20.39 ng/ul
 RT: 8.20 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: BM013477.D
 Acq: 16 Dec 2017 15:21

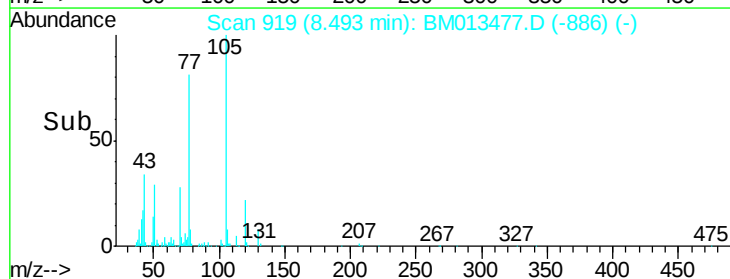
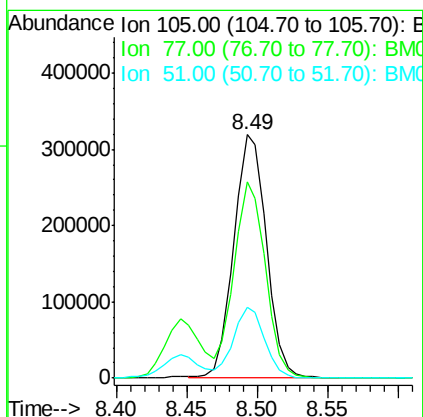
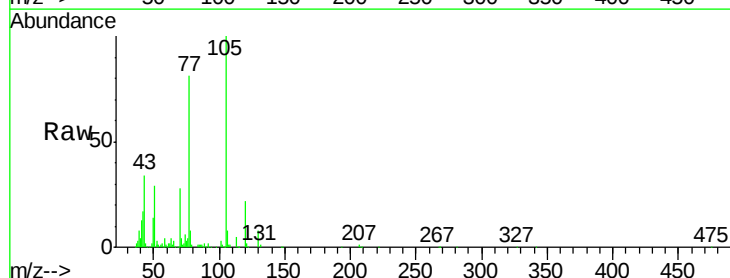
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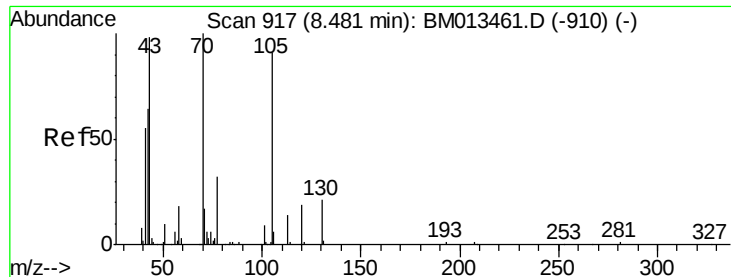
Tgt Ion	Ratio	Lower	Upper
45	100		
77	19.1	8.0	12.0#
79	15.1	8.0	12.0#



#14
 Acetophenone
 Concen: 19.44 ng/ul
 RT: 8.49 min Scan# 919
 Delta R.T. -0.01 min
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Tgt Ion	Ratio	Lower	Upper
105	100		
77	80.6	74.2	111.4
51	28.9	23.4	35.2

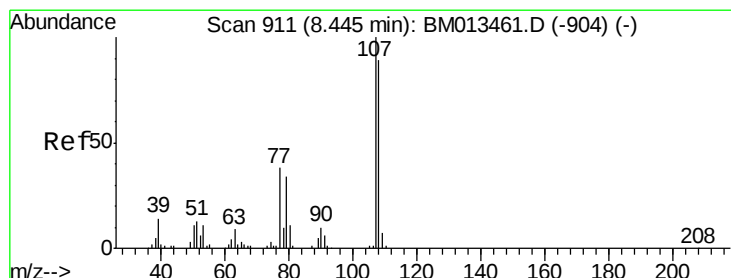
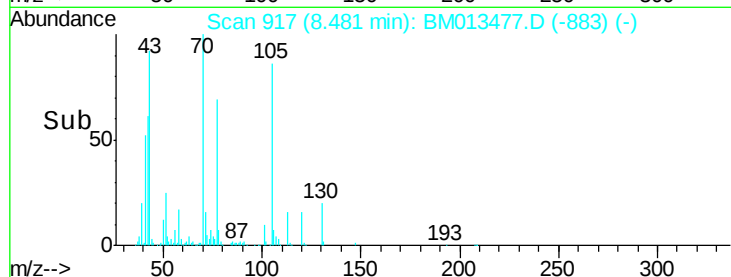
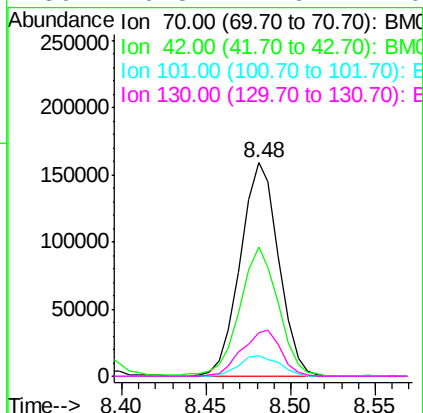
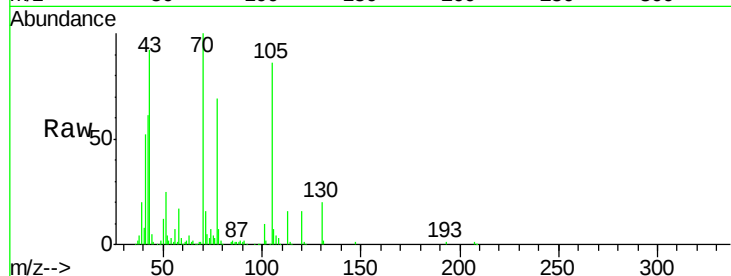




#15
N-Nitroso-di-n-propylamine
Concen: 18.81 ng/ul
RT: 8.48 min Scan# 917
Delta R.T. -0.00 min
Lab File: BM013477.D
Acq: 16 Dec 2017 15:21

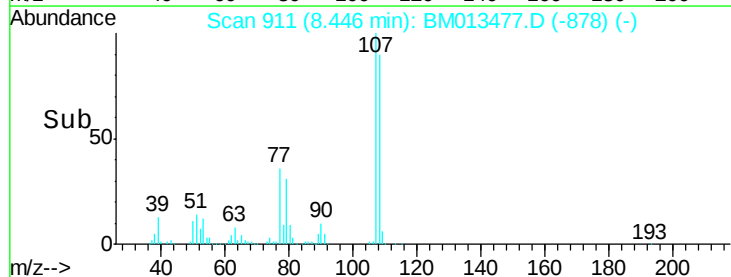
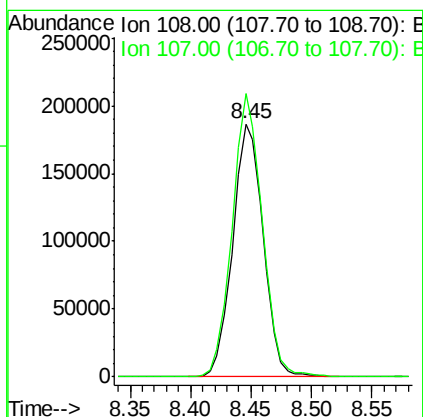
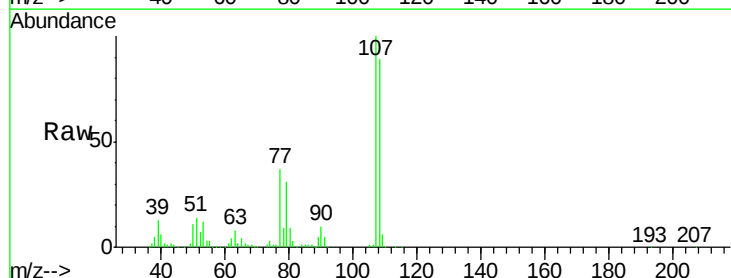
Instrument :
BNA_M
ClientSampleId :
SSTD02043

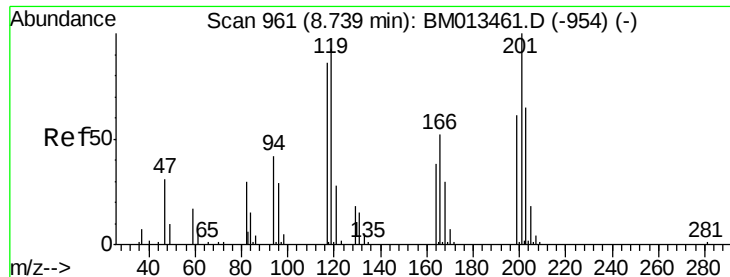
Tgt Ion: 70 Resp: 251845
Ion Ratio Lower Upper
70 100
42 60.6 76.0 114.0#
101 9.6 6.7 10.1
130 20.3 14.6 22.0



#16
4-Methylphenol
Concen: 19.67 ng/ul
RT: 8.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BM013477.D
Acq: 16 Dec 2017 15:21

Tgt Ion: 108 Resp: 328975
Ion Ratio Lower Upper
108 100
107 111.9 84.9 127.3

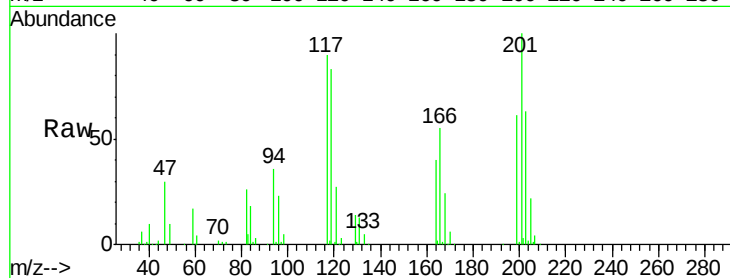




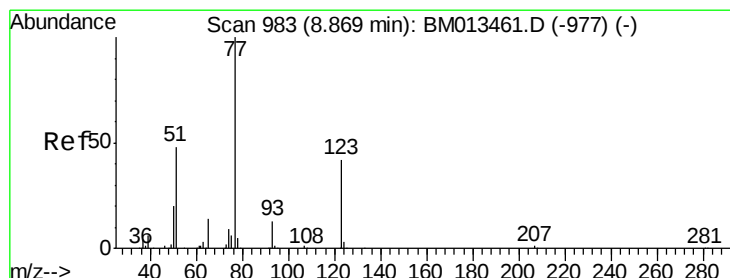
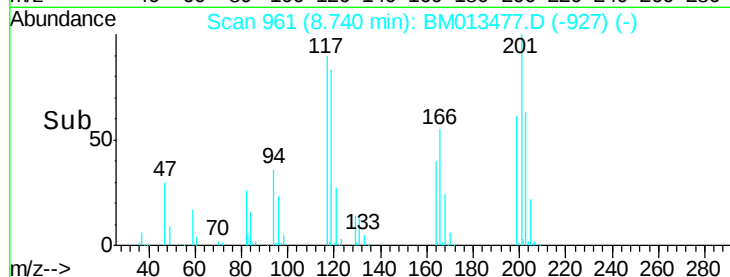
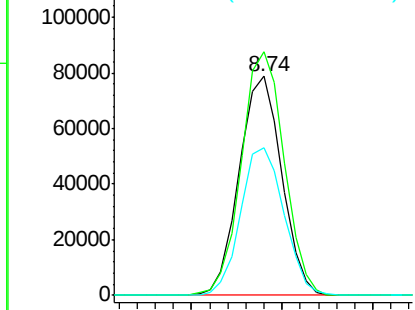
#17
Hexachloroethane
Concen: 18.82 ng/ul
RT: 8.74 min Scan# 961
Delta R.T. -0.00 min
Lab File: BM013477.D
Acq: 16 Dec 2017 15:21

Instrument :
BNA_M
ClientSampleId :
SSTD02043

Tgt Ion:117 Resp: 128448
Ion Ratio Lower Upper
117 100
201 111.3 111.6 167.4#
199 67.3 67.8 101.6#

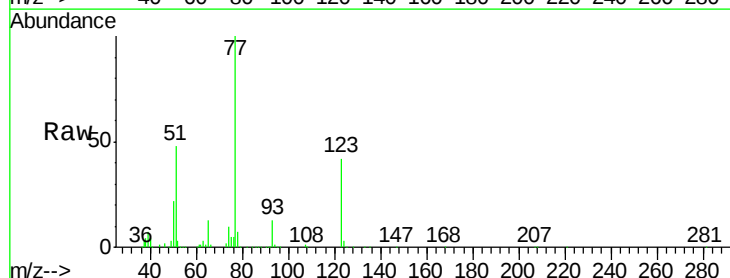


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

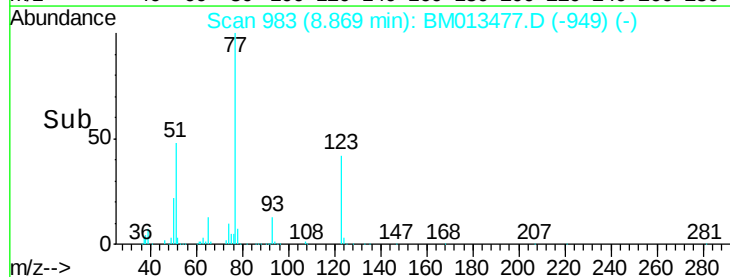
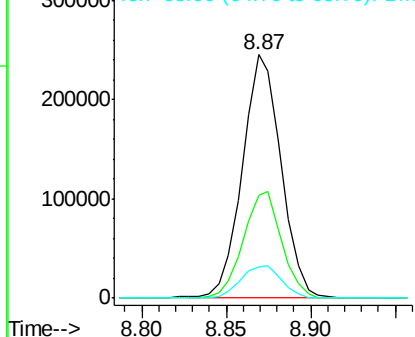


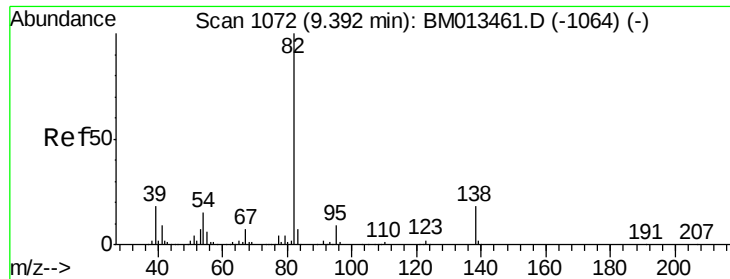
#20
Nitrobenzene
Concen: 18.78 ng/ul
RT: 8.87 min Scan# 983
Delta R.T. -0.00 min
Lab File: BM013477.D
Acq: 16 Dec 2017 15:21

Tgt Ion: 77 Resp: 387768
Ion Ratio Lower Upper
77 100
123 42.3 31.0 46.6
65 12.8 12.2 18.2



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

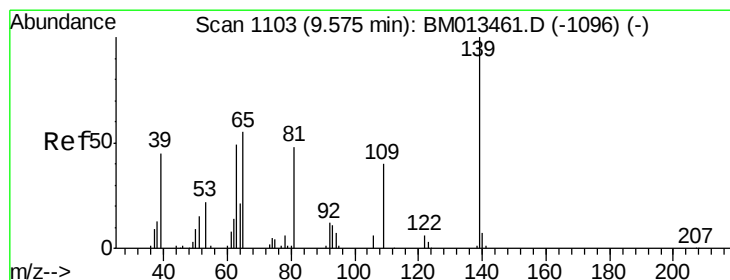
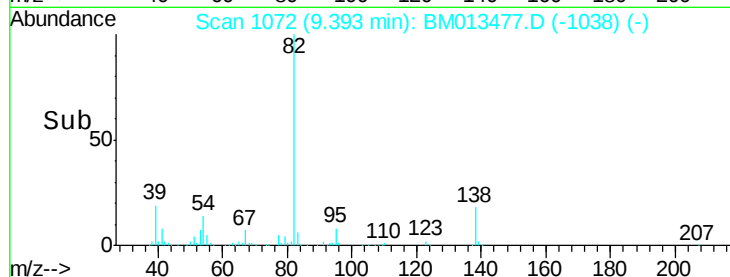
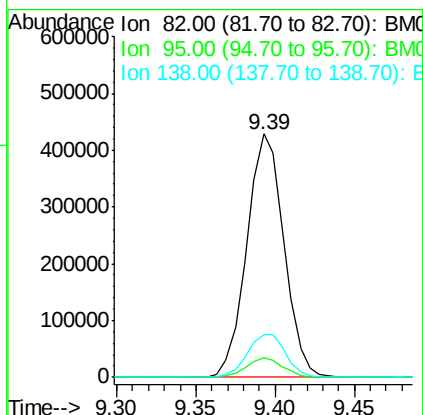
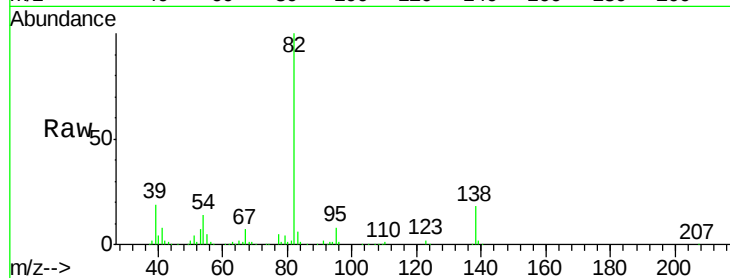




#21
Isophorone
Concen: 19.19 ng/ul
RT: 9.39 min Scan# 1072
Delta R.T. -0.00 min
Lab File: BM013477.D
Acq: 16 Dec 2017 15:21

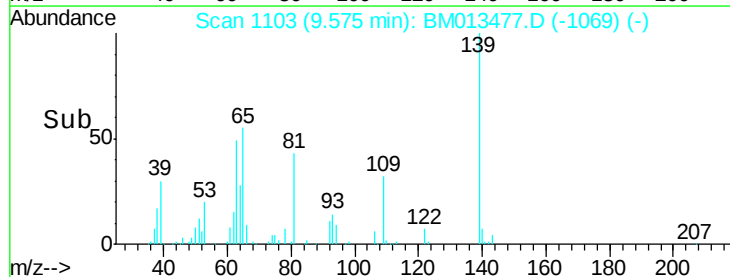
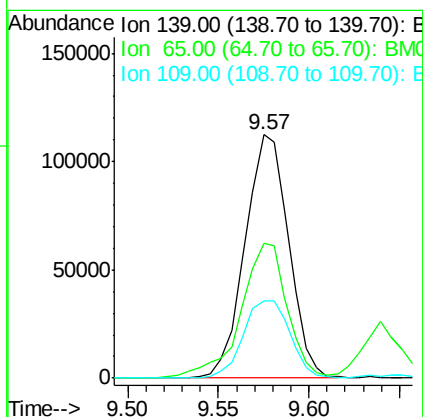
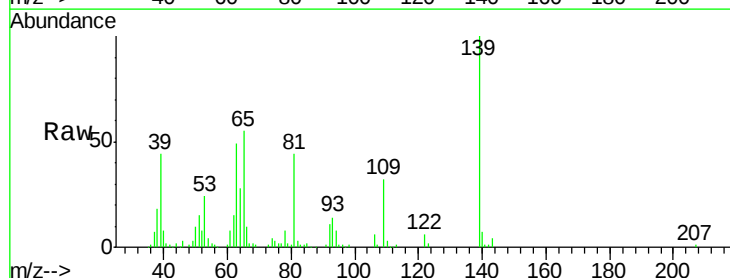
Instrument :
BNA_M
ClientSampleId :
SSTD02043

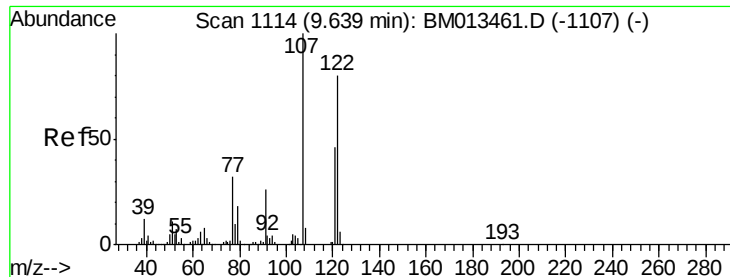
Tgt Ion: 82 Resp: 697389
Ion Ratio Lower Upper
82 100
95 8.3 7.8 11.8
138 17.6 11.9 17.9



#23
2-Nitrophenol
Concen: 20.67 ng/ul
RT: 9.57 min Scan# 1103
Delta R.T. -0.00 min
Lab File: BM013477.D
Acq: 16 Dec 2017 15:21

Tgt Ion: 139 Resp: 187994
Ion Ratio Lower Upper
139 100
65 55.3 55.4 83.0#
109 31.5 42.2 63.2#

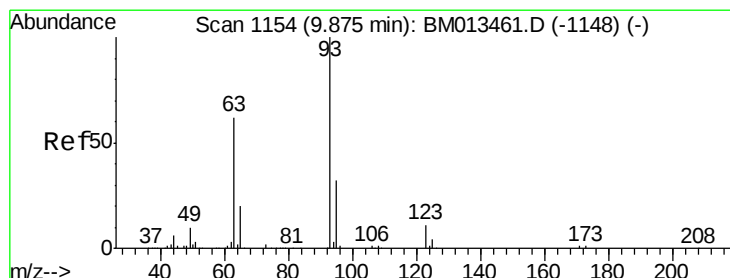
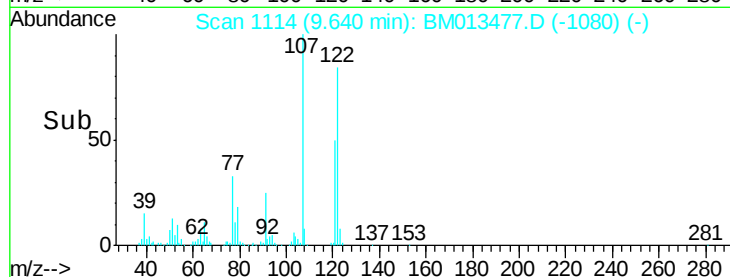
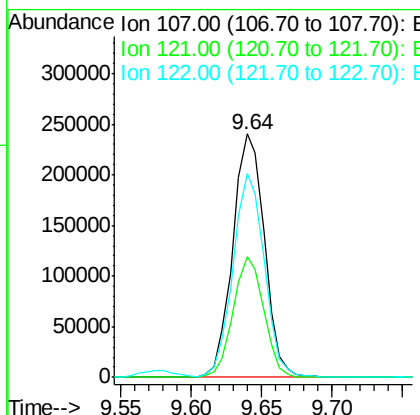
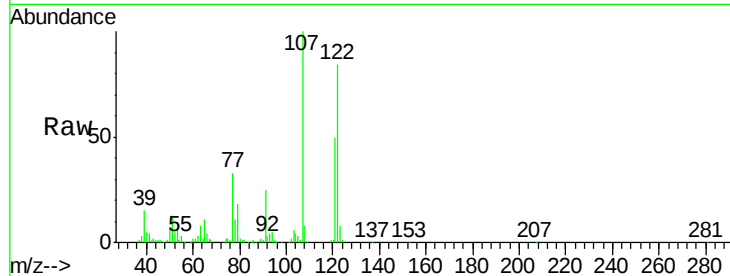




#24
 2,4-Dimethylphenol
 Concen: 19.00 ng/ul
 RT: 9.64 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BM013477.D
 Acq: 16 Dec 2017 15:21

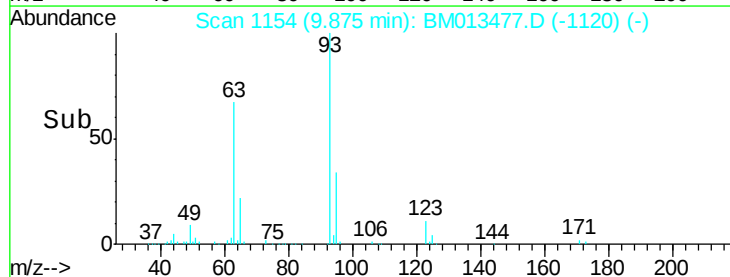
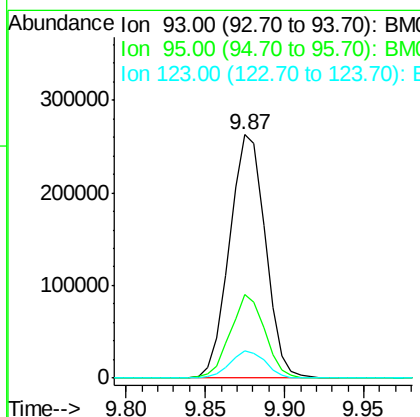
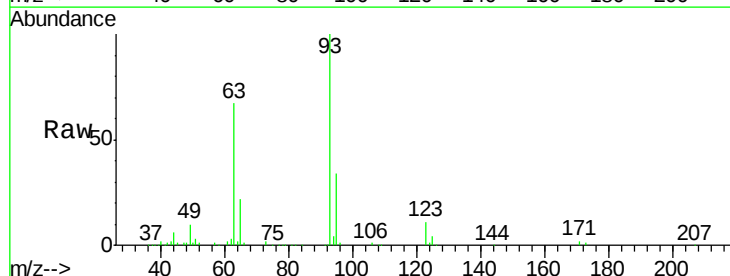
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02043

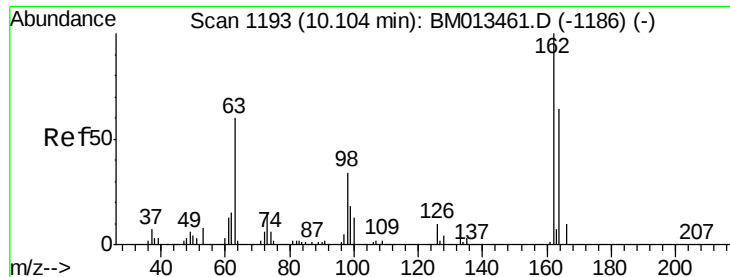
Tgt Ion	Ratio	Lower	Upper
107	100		
121	49.6	31.9	47.9#
122	83.6	57.8	86.6



#25
 Bis(2-Chloroethoxy)methane
 Concen: 19.37 ng/ul
 RT: 9.87 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BM013477.D
 Acq: 16 Dec 2017 15:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.1	28.5	42.7
123	11.4	8.9	13.3

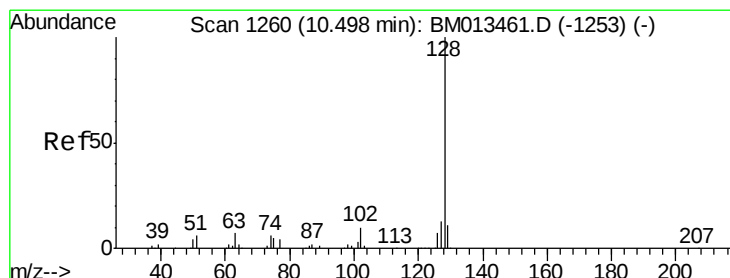
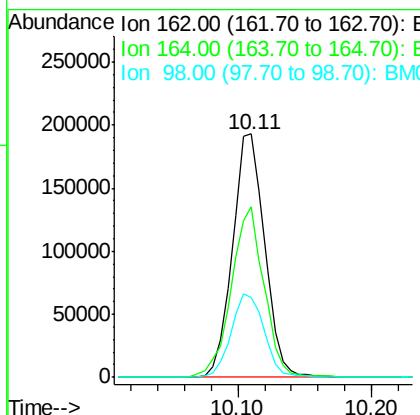
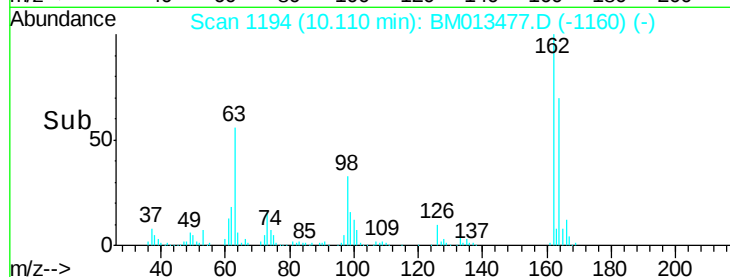
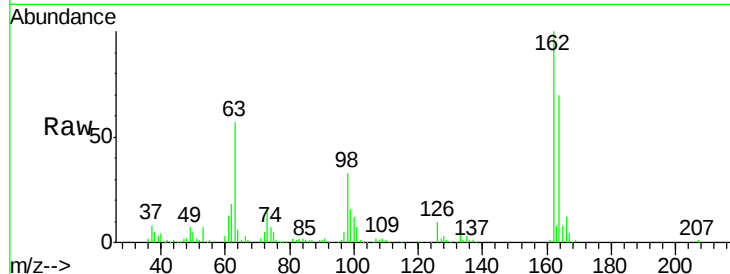




#27
2,4-Dichlorophenol
Concen: 19.41 ng/ul
RT: 10.11 min Scan# 1194
Delta R.T. -0.00 min
Lab File: BM013477.D
Acq: 16 Dec 2017 15:21

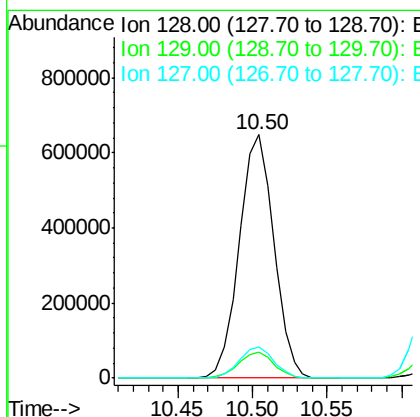
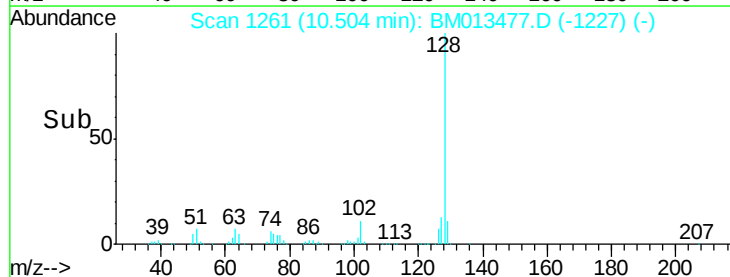
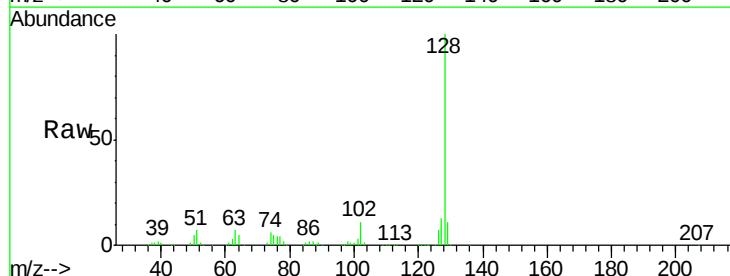
Instrument :
BNA_M
ClientSampleId :
SSTD02043

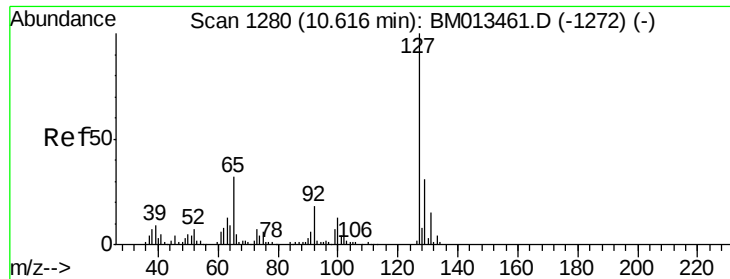
Tgt Ion	Ratio	Lower	Upper
162	100		
164	69.9	47.8	71.6
98	33.0	23.0	34.4



#28
Naphthalene
Concen: 19.66 ng/ul
RT: 10.50 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BM013477.D
Acq: 16 Dec 2017 15:21

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	12.8	10.6	16.0

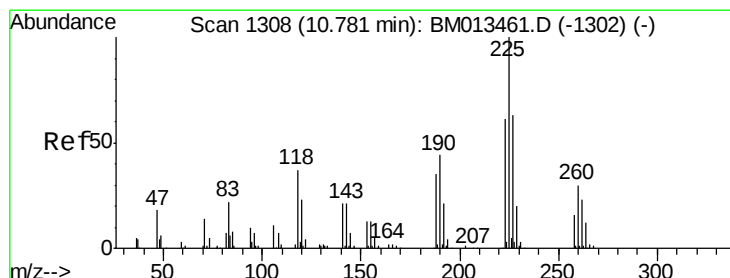
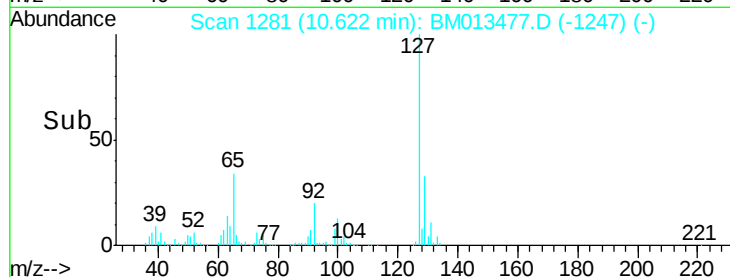
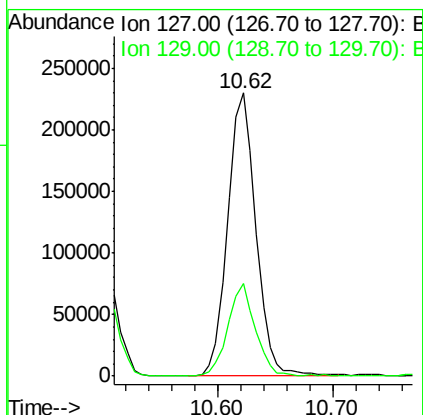
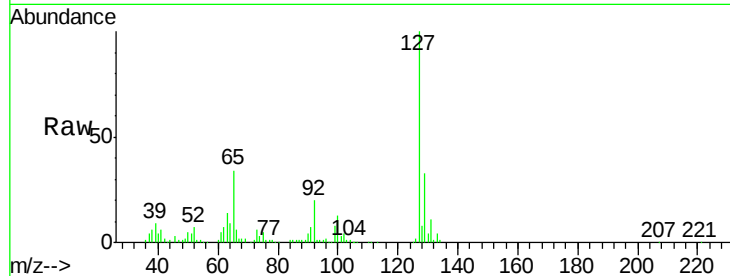




#30
4-Chloroaniline
Concen: 24.28 ng/ul
RT: 10.62 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BM013477.D
Acq: 16 Dec 2017 15:21

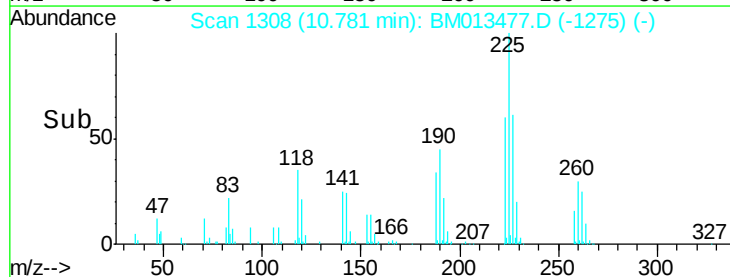
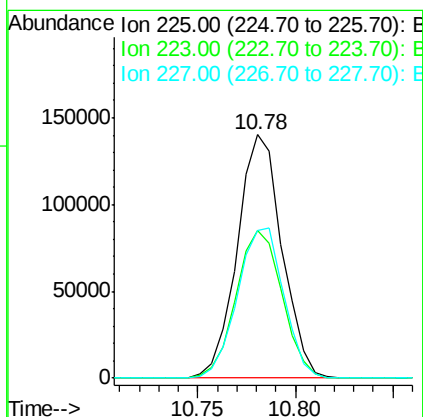
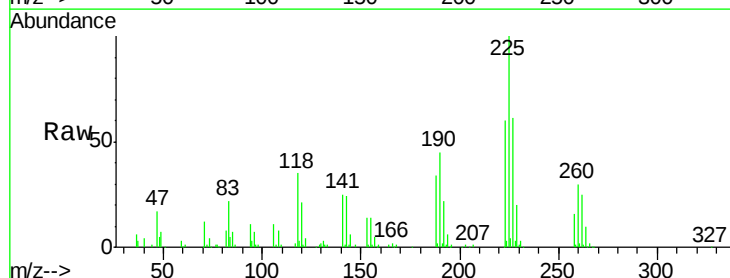
Instrument :
BNA_M
ClientSampleId :
SSTD02043

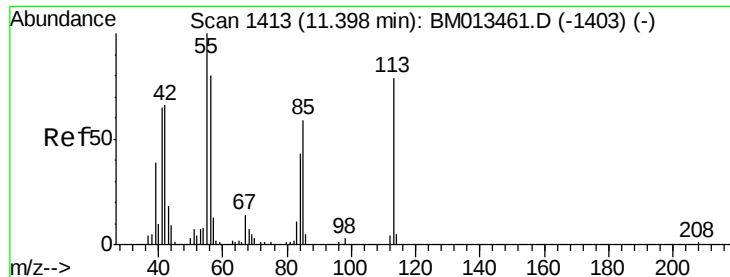
Tgt Ion:127 Resp: 390627
Ion Ratio Lower Upper
127 100
129 32.8 28.4 42.6



#31
Hexachlorobutadiene
Concen: 18.42 ng/ul
RT: 10.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BM013477.D
Acq: 16 Dec 2017 15:21

Tgt Ion:225 Resp: 222835
Ion Ratio Lower Upper
225 100
223 60.4 49.4 74.2
227 60.8 45.4 68.2





#32

Caprolactam

Concen: 13.99 ng/ul

RT: 11.40 min Scan# 1413

Delta R.T. 0.01 min

Lab File: BM013477.D

Acq: 16 Dec 2017 15:21

Instrument :

BNA_M

ClientSampleId :

SSTD02043

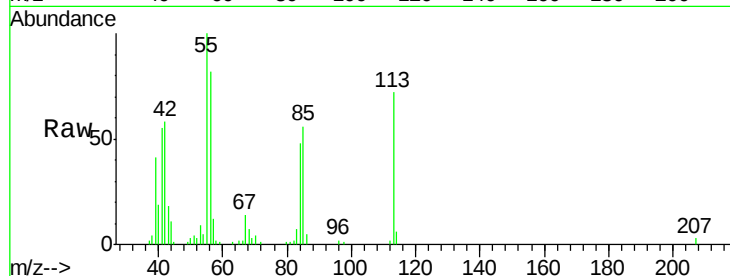
Tgt Ion:113 Resp: 74675

Ion Ratio Lower Upper

113 100

55 139.6 208.0 312.0#

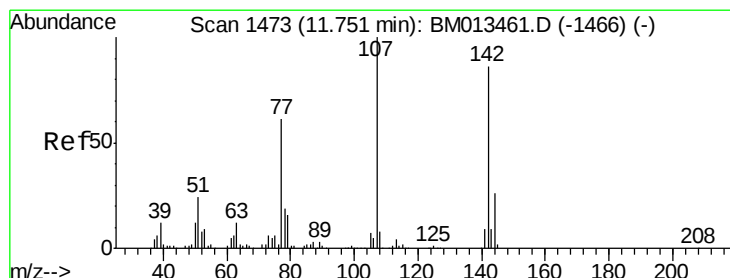
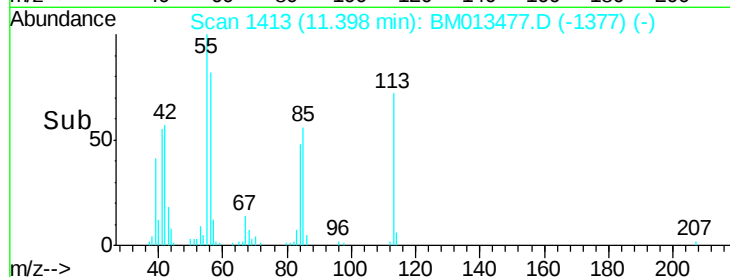
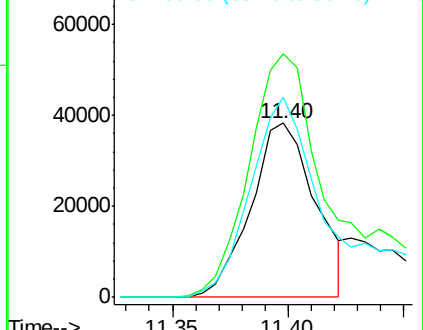
56 114.5 160.0 240.0#



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: 18.35 ng/ul

RT: 11.75 min Scan# 1473

Delta R.T. -0.00 min

Lab File: BM013477.D

Acq: 16 Dec 2017 15:21

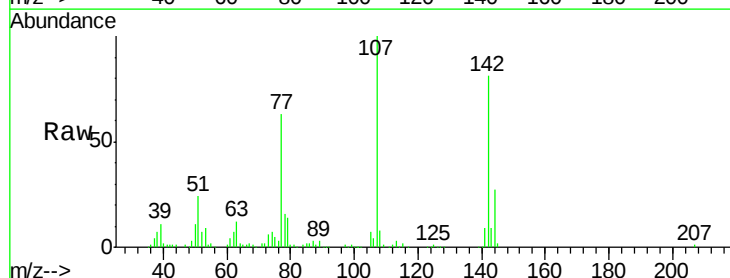
Tgt Ion:107 Resp: 336149

Ion Ratio Lower Upper

107 100

144 27.1 20.4 30.6

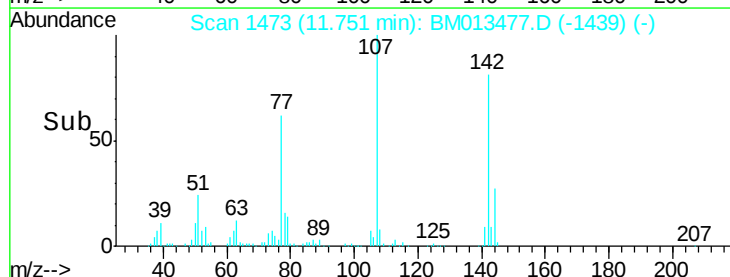
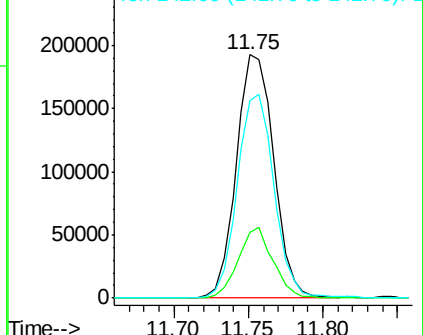
142 81.0 60.5 90.7

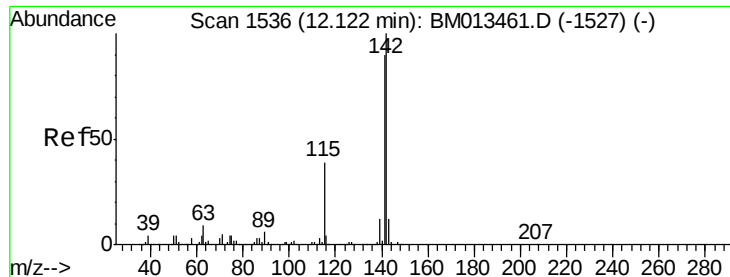


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

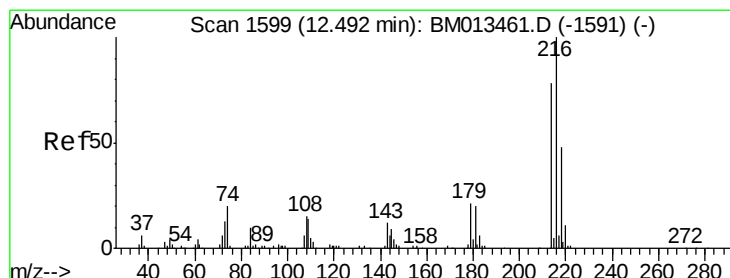
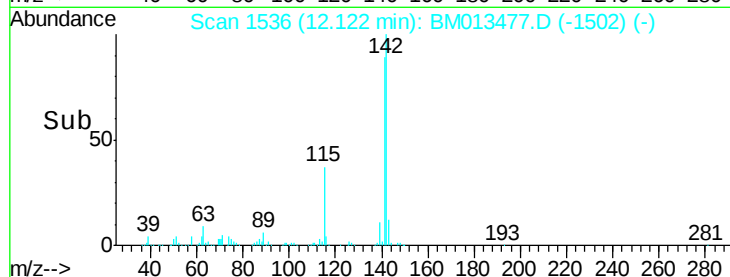
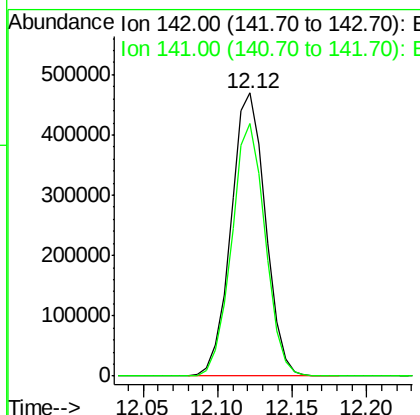
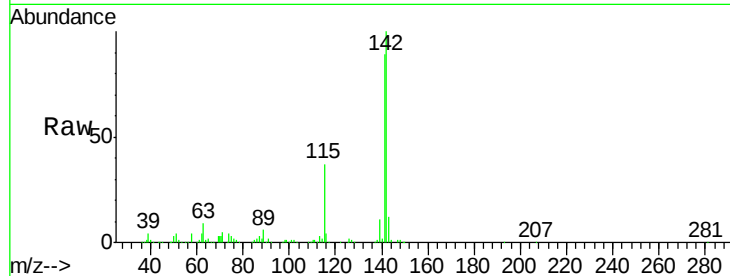




#34
 2-Methylnaphthalene
 Concen: 18.92 ng/ul
 RT: 12.12 min Scan# 1536
 Delta R.T. -0.00 min
 Lab File: BM013477.D
 Acq: 16 Dec 2017 15:21

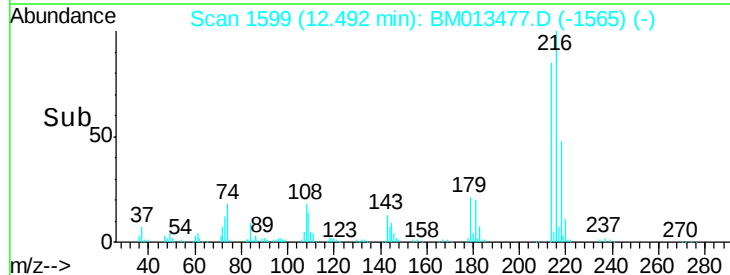
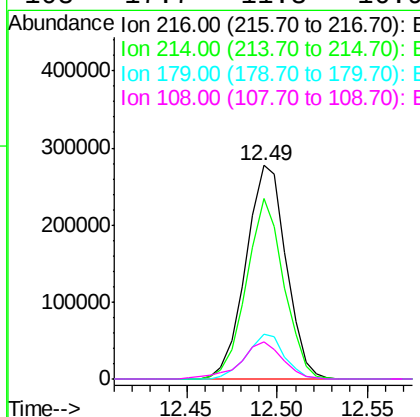
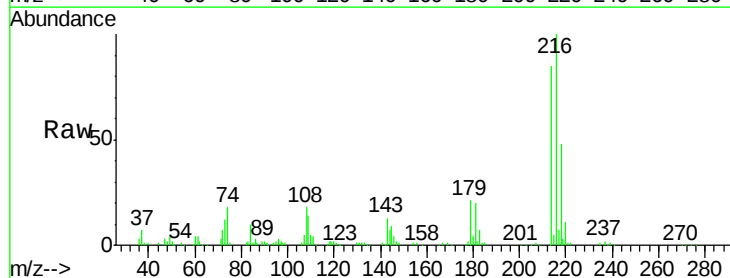
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02043

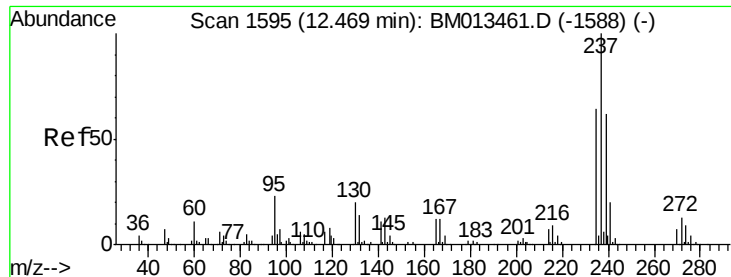
Tgt Ion:142 Resp: 756330
 Ion Ratio Lower Upper
 142 100
 141 89.5 74.1 111.1



#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 19.81 ng/ul
 RT: 12.49 min Scan# 1599
 Delta R.T. -0.00 min
 Lab File: BM013477.D
 Acq: 16 Dec 2017 15:21

Tgt Ion:216 Resp: 427920
 Ion Ratio Lower Upper
 216 100
 214 84.7 60.6 90.8
 179 21.0 17.5 26.3
 108 17.7 11.3 16.9#

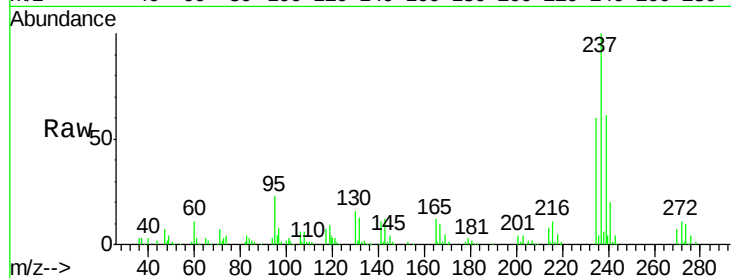




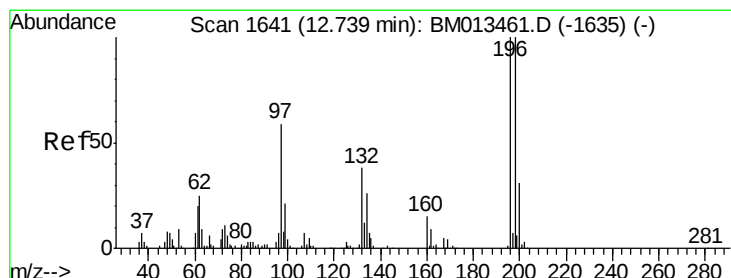
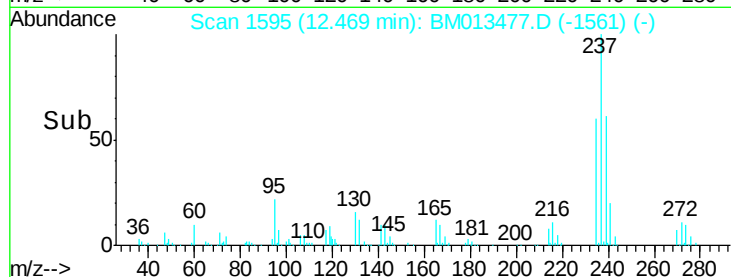
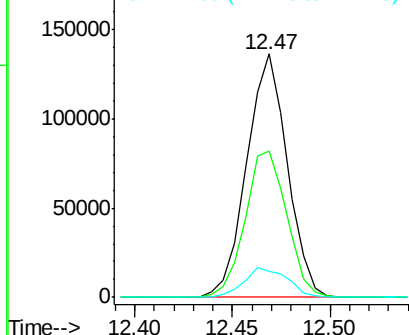
#37
Hexachlorocyclopentadiene
Concen: 13.81 ng/ul
RT: 12.47 min Scan# 1595
Delta R.T. -0.00 min
Lab File: BM013477.D
Acq: 16 Dec 2017 15:21

Instrument :
BNA_M
ClientSampleId :
SSTD02043

Tgt Ion:237 Resp: 196410
Ion Ratio Lower Upper
237 100
235 60.0 50.2 75.4
272 10.8 11.0 16.6#

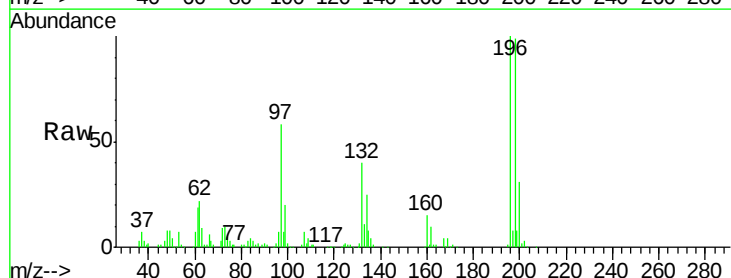


Abundance Ion 237.00 (236.70 to 237.70): E
Ion 235.00 (234.70 to 235.70): E
Ion 272.00 (271.70 to 272.70): E

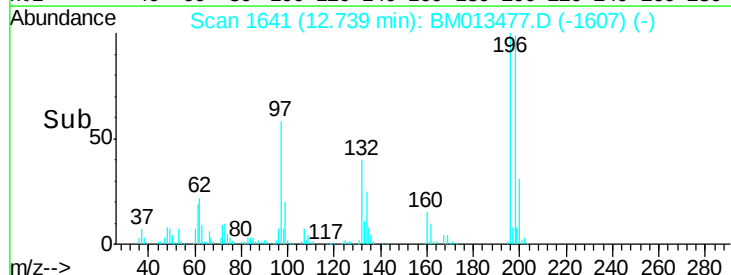
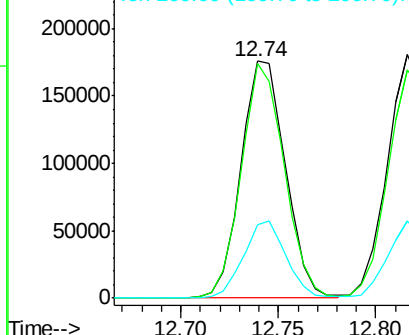


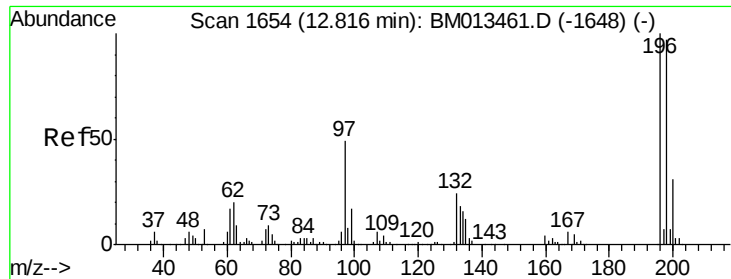
#38
2,4,6-Trichlorophenol
Concen: 20.63 ng/ul
RT: 12.74 min Scan# 1641
Delta R.T. -0.00 min
Lab File: BM013477.D
Acq: 16 Dec 2017 15:21

Tgt Ion:196 Resp: 277895
Ion Ratio Lower Upper
196 100
198 99.2 74.1 111.1
200 30.7 25.2 37.8



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

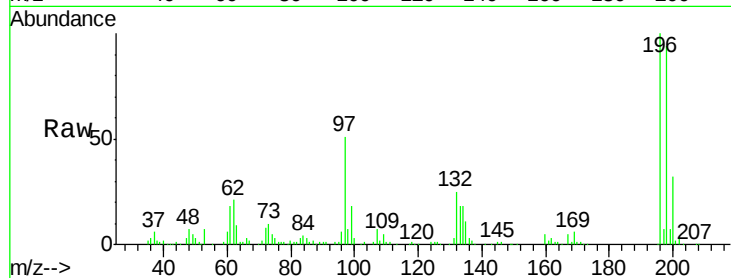




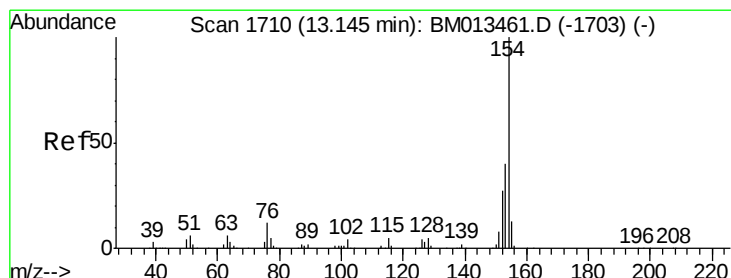
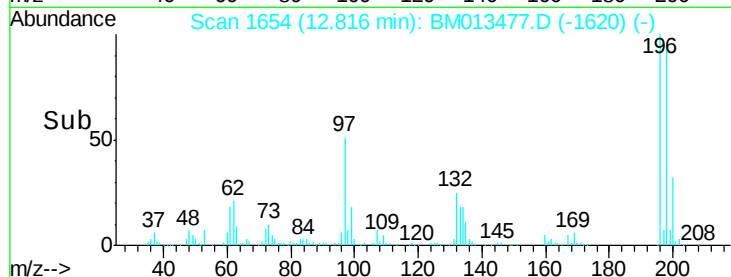
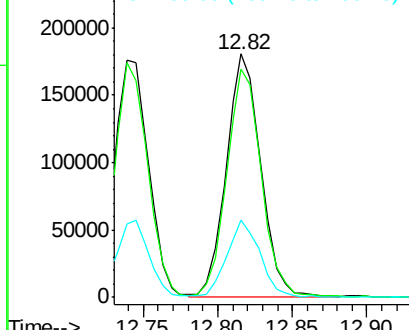
#39
 2,4,5-Trichlorophenol
 Concen: 20.29 ng/ul
 RT: 12.82 min Scan# 1654
 Delta R.T. -0.00 min
 Lab File: BM013477.D
 Acq: 16 Dec 2017 15:21

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02043

Tgt Ion:196 Resp: 290260
 Ion Ratio Lower Upper
 196 100
 198 93.9 75.6 113.4
 200 31.9 25.5 38.3

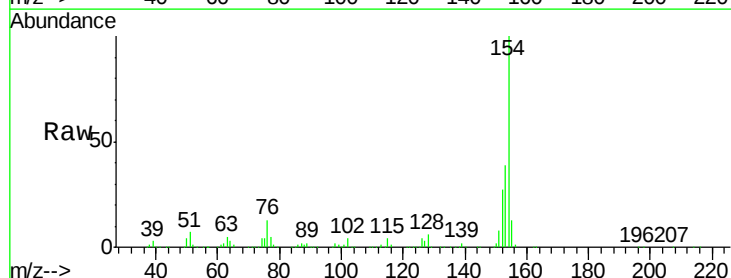


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

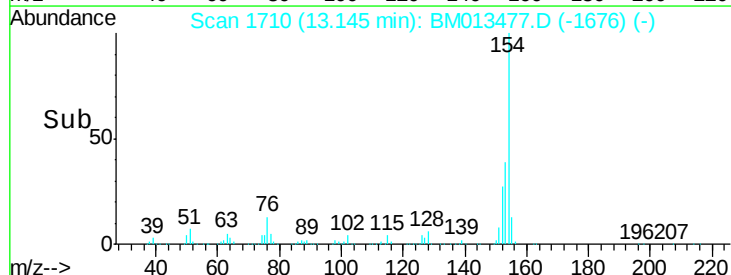
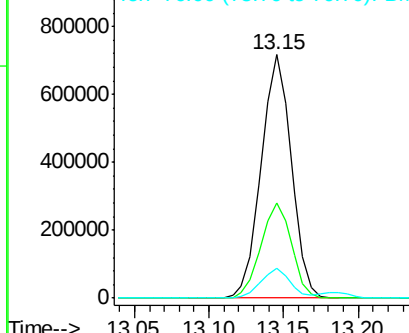


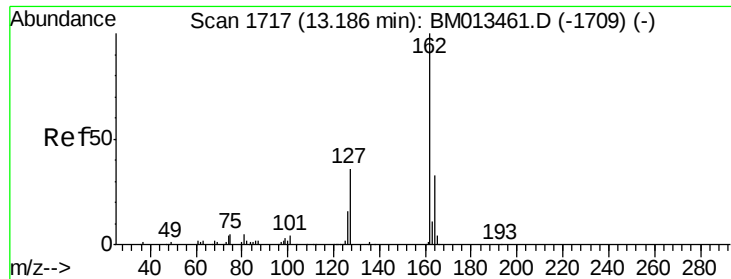
#40
 1,1'-Biphenyl
 Concen: 19.80 ng/ul
 RT: 13.15 min Scan# 1710
 Delta R.T. -0.00 min
 Lab File: BM013477.D
 Acq: 16 Dec 2017 15:21

Tgt Ion:154 Resp: 1001861
 Ion Ratio Lower Upper
 154 100
 153 38.9 32.6 48.8
 76 12.5 8.5 12.7



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

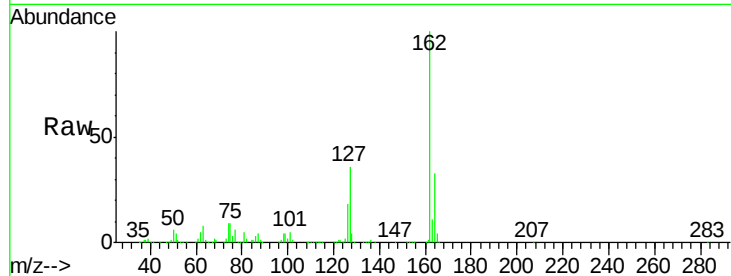




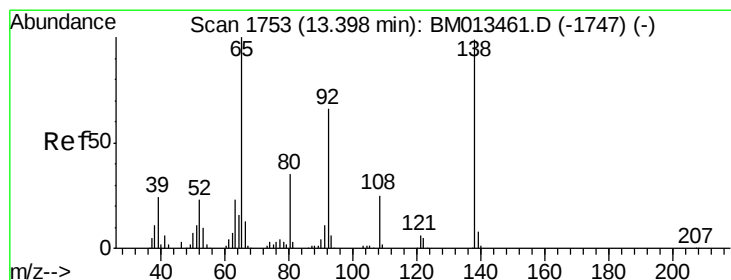
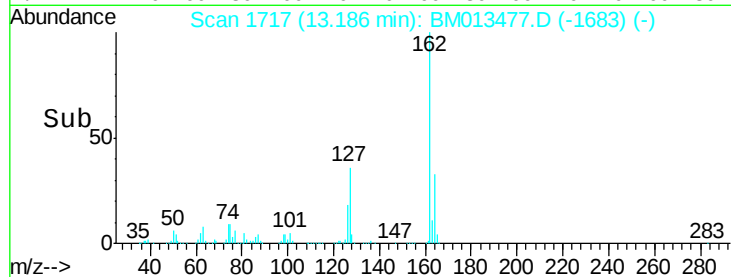
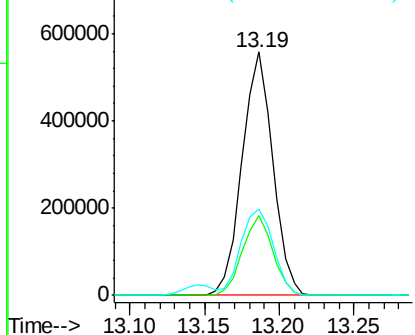
#41
2-Chloronaphthalene
Concen: 20.02 ng/ul
RT: 13.19 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BM013477.D
Acq: 16 Dec 2017 15:21

Instrument :
BNA_M
ClientSampleId :
SSTD02043

Tgt Ion	Ratio	Lower	Upper
162	100		
164	32.6	25.9	38.9
127	35.6	29.4	44.2

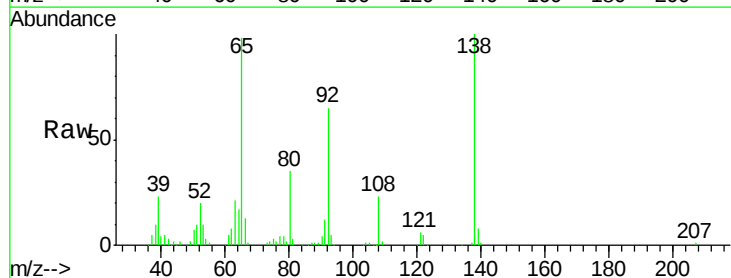


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 127.00 (126.70 to 127.70): E

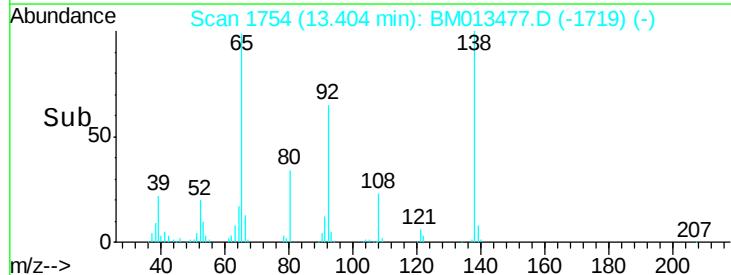
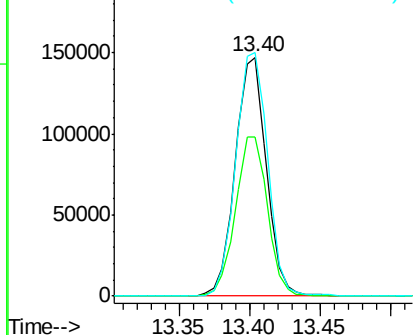


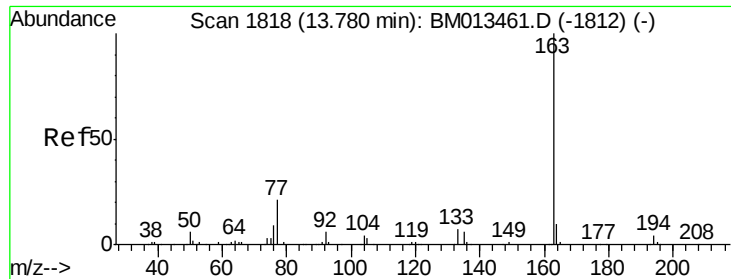
#42
2-Nitroaniline
Concen: 19.52 ng/ul
RT: 13.40 min Scan# 1754
Delta R.T. 0.01 min
Lab File: BM013477.D
Acq: 16 Dec 2017 15:21

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.4	51.8	77.6
138	101.9	74.2	111.4



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: 18.50 ng/ul

RT: 13.78 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BM013477.D

Acq: 16 Dec 2017 15:21

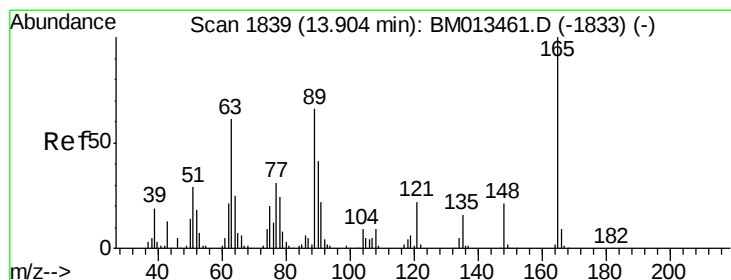
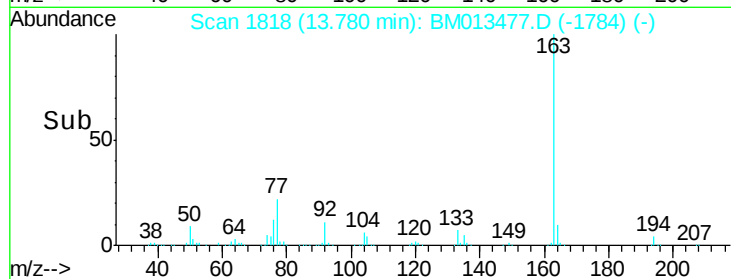
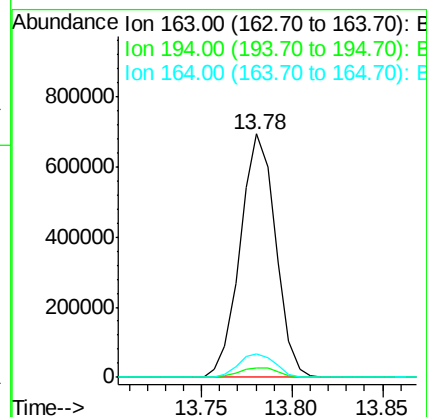
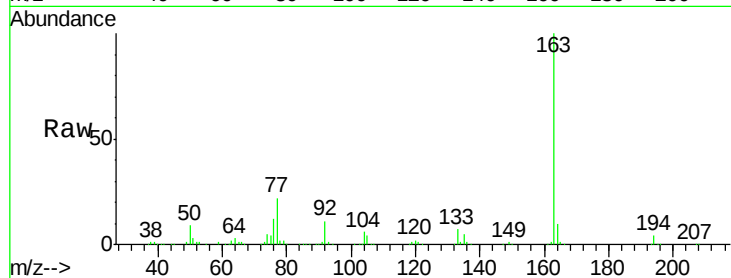
Instrument :

BNA_M

ClientSampleId :

SSTD02043

Tgt Ion:	163	Resp:	942595
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.5	5.3
164	9.7	8.2	12.4



#45

2,6-Dinitrotoluene

Concen: 19.71 ng/ul

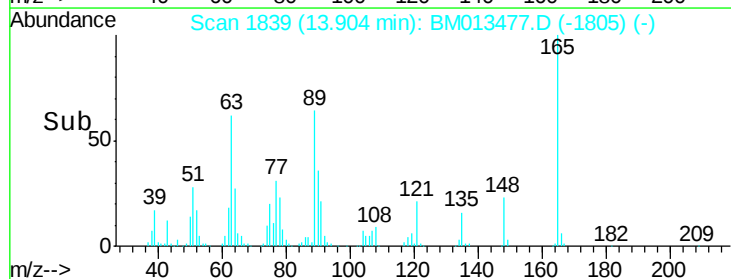
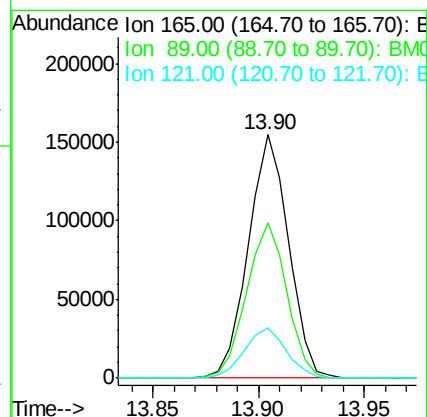
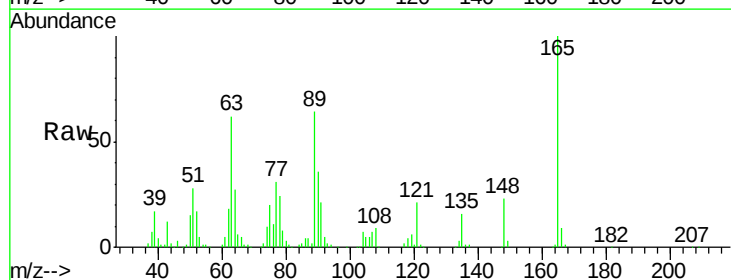
RT: 13.90 min Scan# 1839

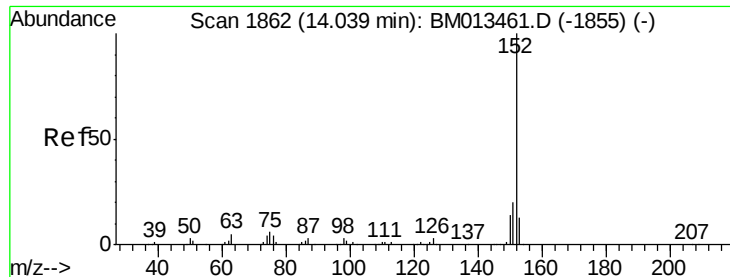
Delta R.T. -0.00 min

Lab File: BM013477.D

Acq: 16 Dec 2017 15:21

Tgt Ion:	165	Resp:	204846
Ion Ratio	Lower	Upper	
165	100		
89	63.6	52.6	79.0
121	20.6	14.6	22.0

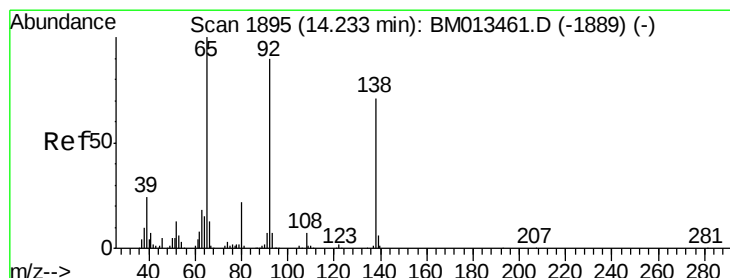
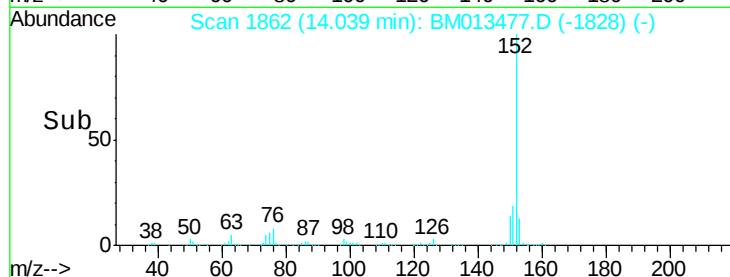
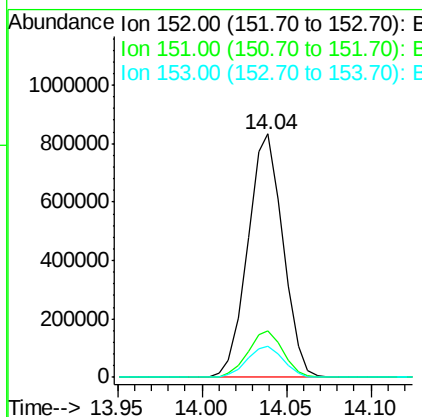
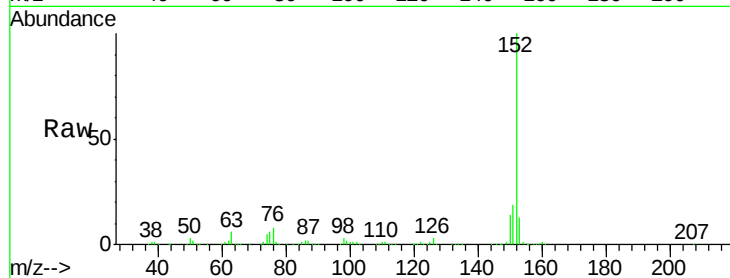




#47
Acenaphthylene
Concen: 19.86 ng/ul
RT: 14.04 min Scan# 1862
Delta R.T. -0.00 min
Lab File: BM013477.D
Acq: 16 Dec 2017 15:21

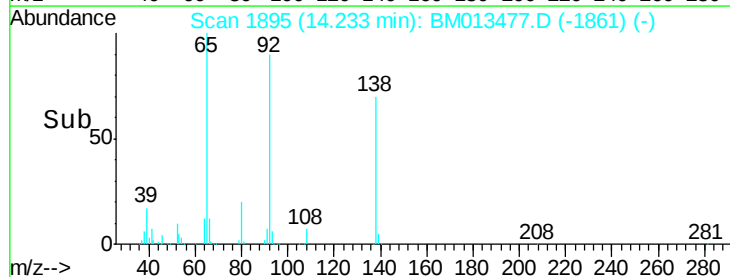
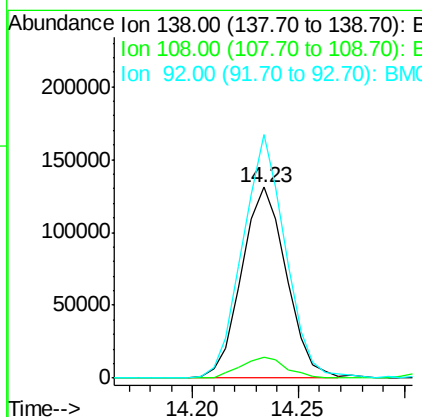
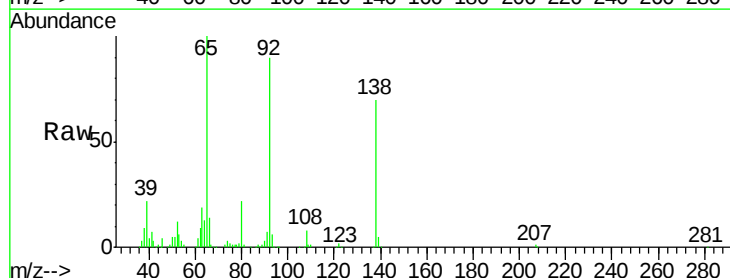
Instrument :
BNA_M
ClientSampleId :
SSTD02043

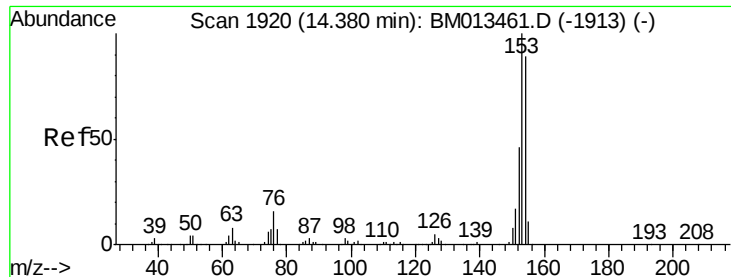
Tgt Ion:152 Resp: 1208026
Ion Ratio Lower Upper
152 100
151 19.1 16.3 24.5
153 12.7 10.2 15.4



#48
3-Nitroaniline
Concen: 20.77 ng/ul
RT: 14.23 min Scan# 1895
Delta R.T. -0.00 min
Lab File: BM013477.D
Acq: 16 Dec 2017 15:21

Tgt Ion:138 Resp: 192962
Ion Ratio Lower Upper
138 100
108 11.2 9.9 14.9
92 127.6 105.0 157.4





#49

Acenaphthene

Concen: 19.56 ng/ul

RT: 14.38 min Scan# 1920

Delta R.T. -0.00 min

Lab File: BM013477.D

Acq: 16 Dec 2017 15:21

Instrument :

BNA_M

ClientSampleId :

SSTD02043

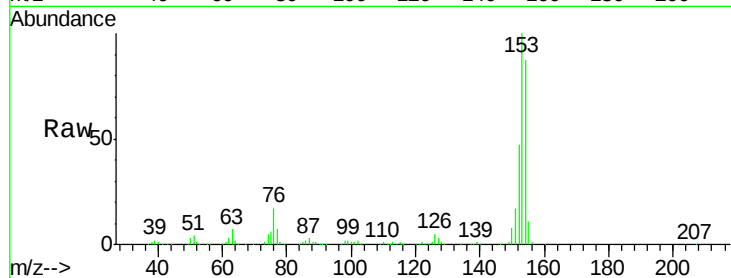
Tgt Ion:153 Resp: 810751

Ion Ratio Lower Upper

153 100

152 46.7 37.6 56.4

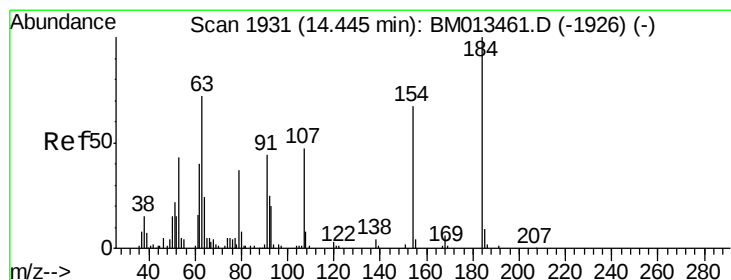
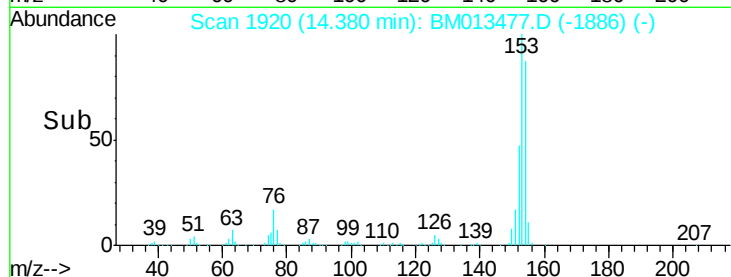
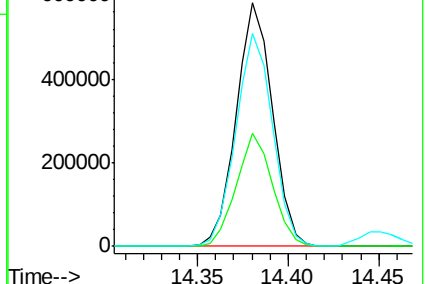
154 87.2 70.4 105.6



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: 14.32 ng/ul

RT: 14.45 min Scan# 1932

Delta R.T. 0.01 min

Lab File: BM013477.D

Acq: 16 Dec 2017 15:21

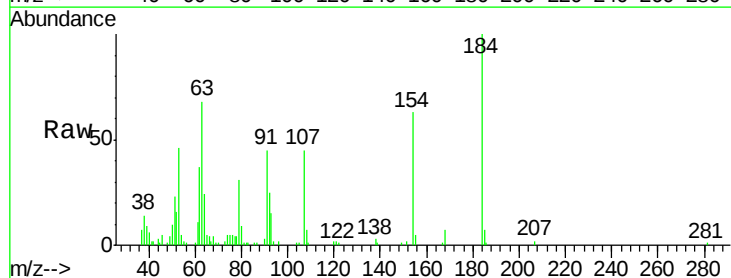
Tgt Ion:184 Resp: 82328

Ion Ratio Lower Upper

184 100

63 68.4 50.1 75.1

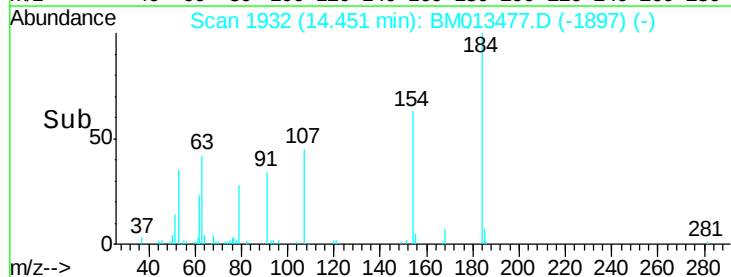
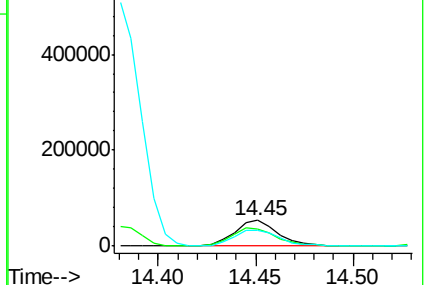
154 63.3 54.5 81.7

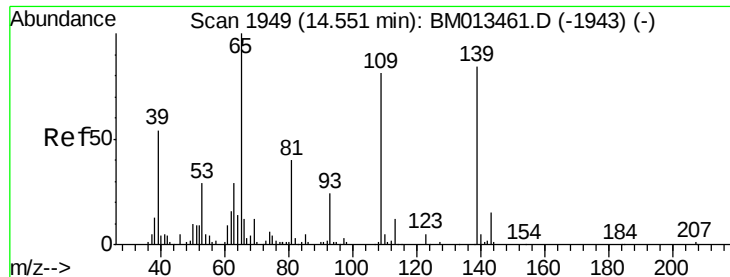


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 16.05 ng/ul

RT: 14.55 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BM013477.D

Acq: 16 Dec 2017 15:21

Instrument :

BNA_M

ClientSampleId :

SSTD02043

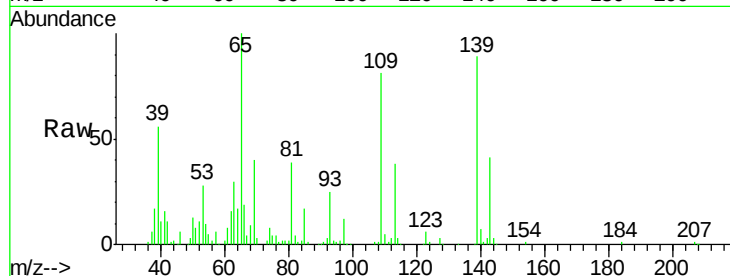
Tgt Ion:109 Resp: 145788

Ion Ratio Lower Upper

109 100

139 109.5 80.0 120.0

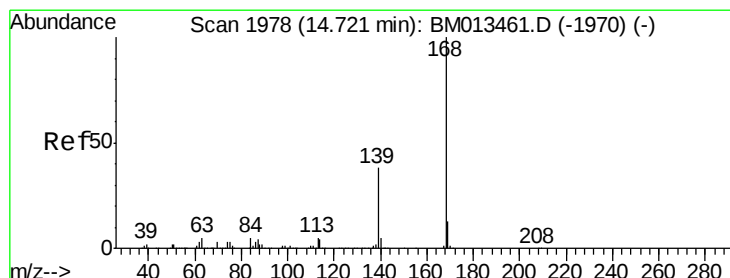
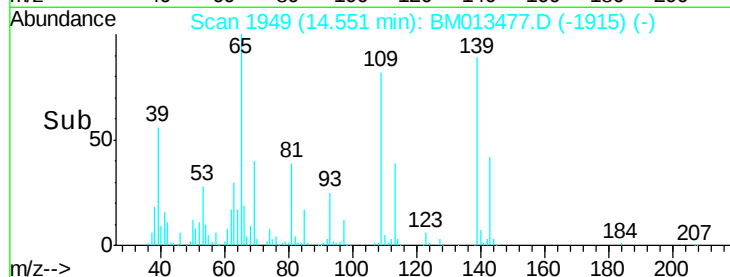
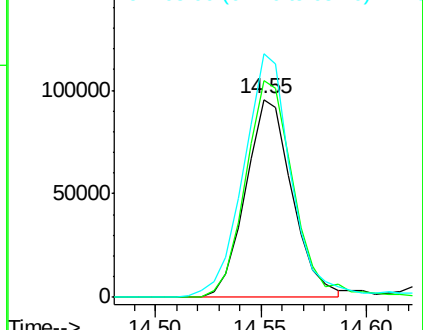
65 123.2 120.0 180.0



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: 18.96 ng/ul

RT: 14.72 min Scan# 1978

Delta R.T. -0.00 min

Lab File: BM013477.D

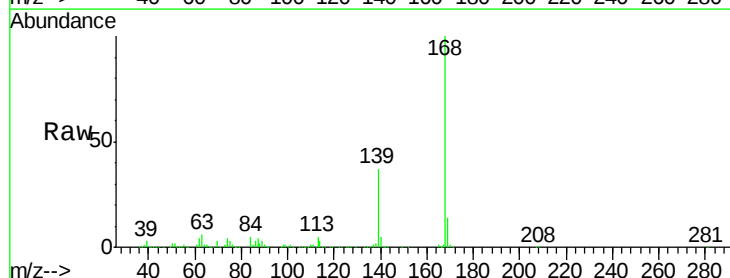
Acq: 16 Dec 2017 15:21

Tgt Ion:168 Resp: 1159867

Ion Ratio Lower Upper

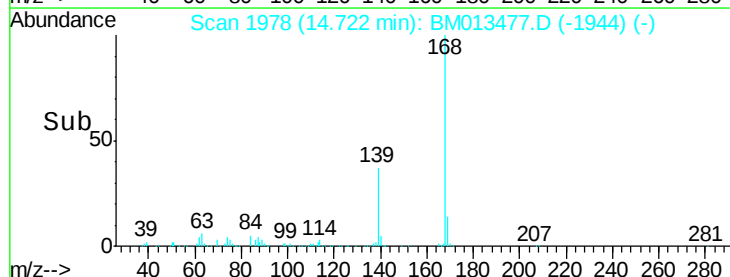
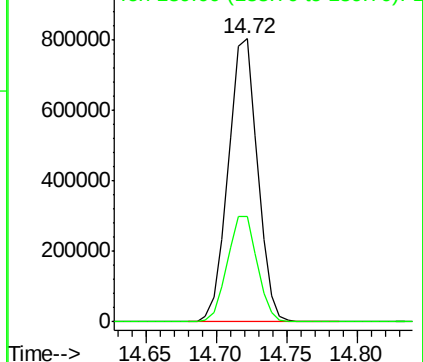
168 100

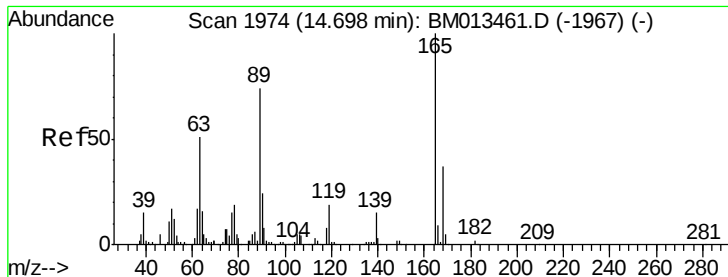
139 37.1 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#54

2,4-Dinitrotoluene

Concen: 19.27 ng/ul

RT: 14.70 min Scan# 1974

Delta R.T. -0.00 min

Lab File: BM013477.D

Acq: 16 Dec 2017 15:21

Instrument :

BNA_M

ClientSampleId :

SSTD02043

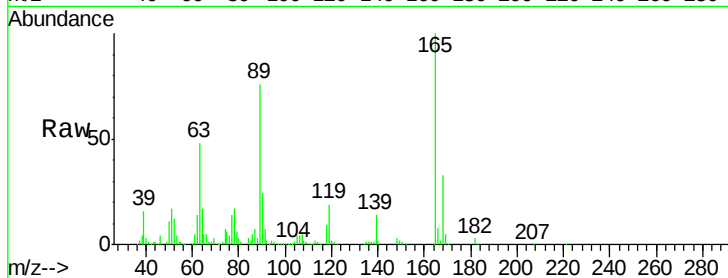
Tgt Ion:165 Resp: 291273

Ion Ratio Lower Upper

165 100

63 48.2 45.8 68.8

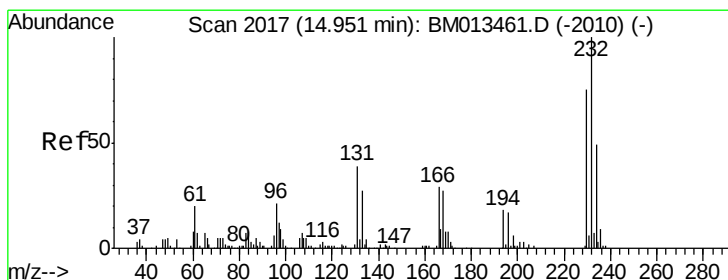
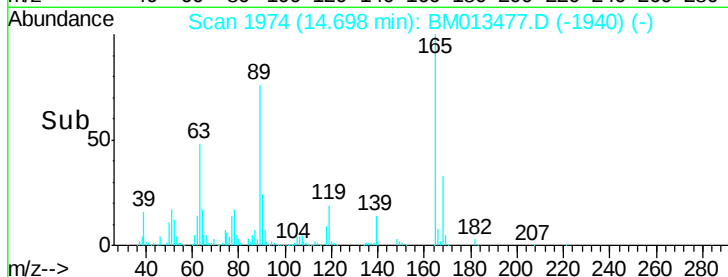
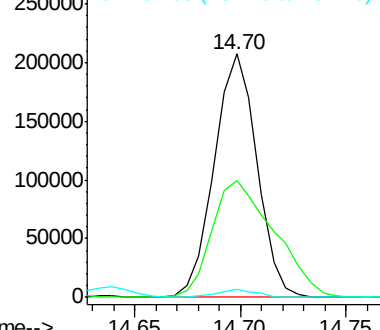
182 3.1 2.6 4.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E



#55

2,3,4,6-Tetrachlorophenol

Concen: 19.02 ng/ul

RT: 14.95 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BM013477.D

Acq: 16 Dec 2017 15:21

Tgt Ion:232 Resp: 249444

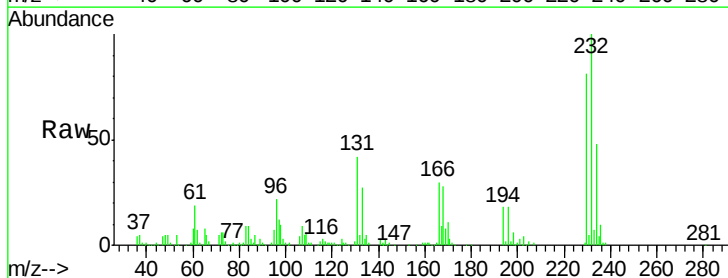
Ion Ratio Lower Upper

232 100

131 41.6 29.0 43.4

130 2.5 2.0 3.0

166 30.5 21.4 32.2

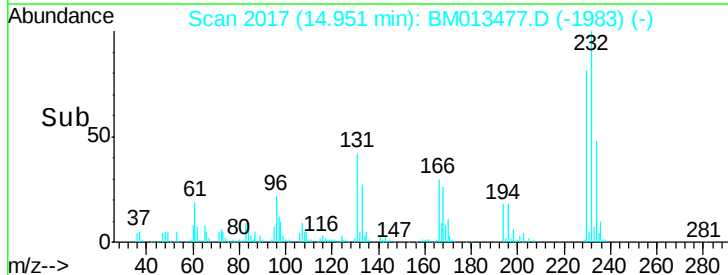
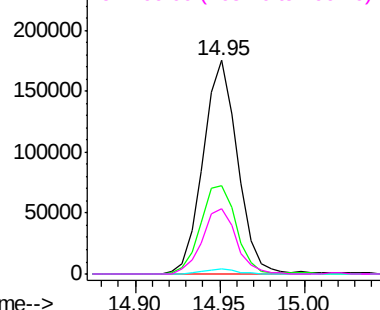


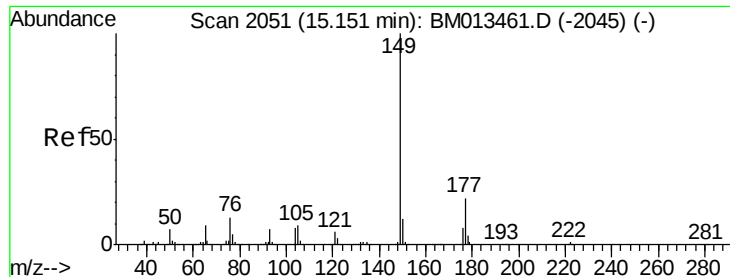
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

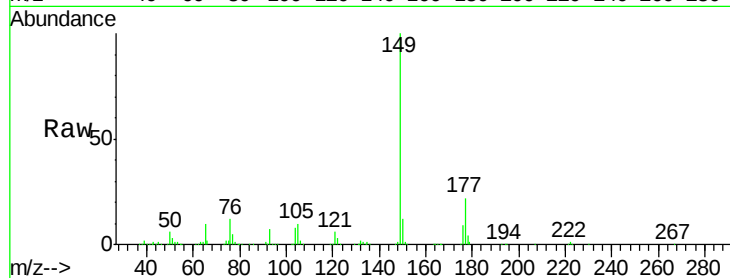




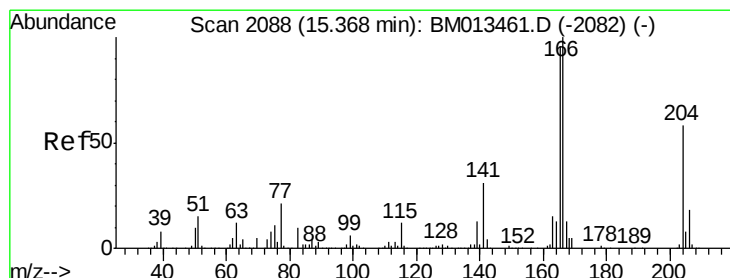
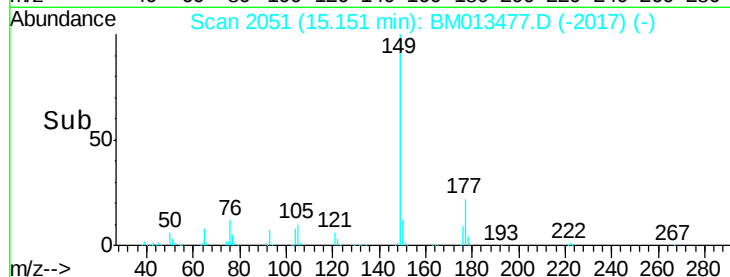
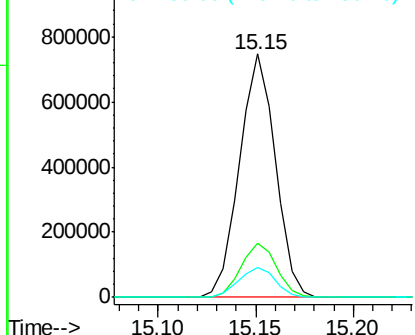
#56
Diethylphthalate
Concen: 18.62 ng/ul
RT: 15.15 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BM013477.D
Acq: 16 Dec 2017 15:21

Instrument :
BNA_M
ClientSampleId :
SSTD02043

Tgt Ion:149 Resp: 951523
Ion Ratio Lower Upper
149 100
177 22.4 20.5 30.7
150 12.2 10.6 15.8

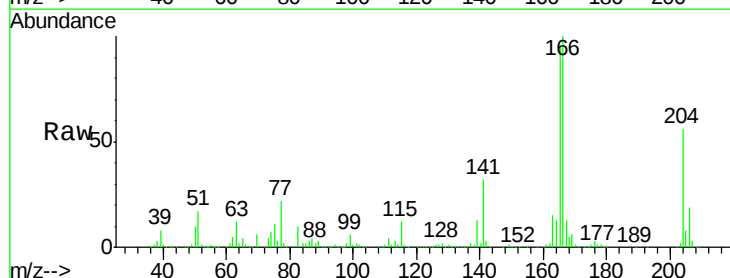


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

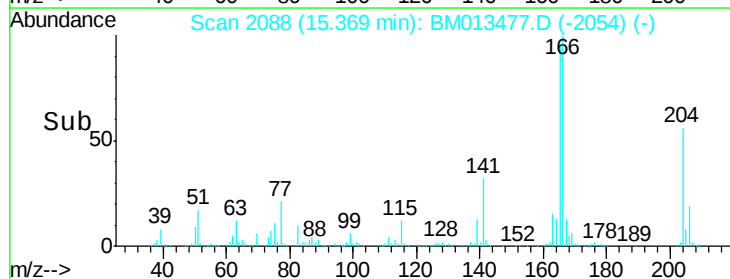
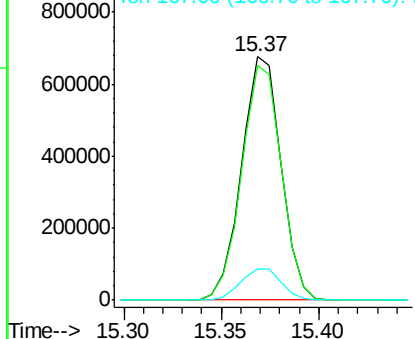


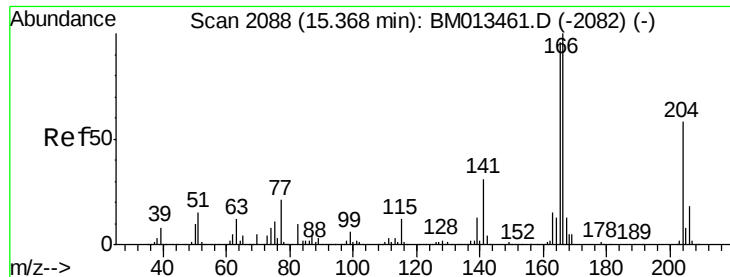
#58
Fluorene
Concen: 18.69 ng/ul
RT: 15.37 min Scan# 2088
Delta R.T. -0.00 min
Lab File: BM013477.D
Acq: 16 Dec 2017 15:21

Tgt Ion:166 Resp: 946270
Ion Ratio Lower Upper
166 100
165 96.3 77.9 116.9
167 12.9 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

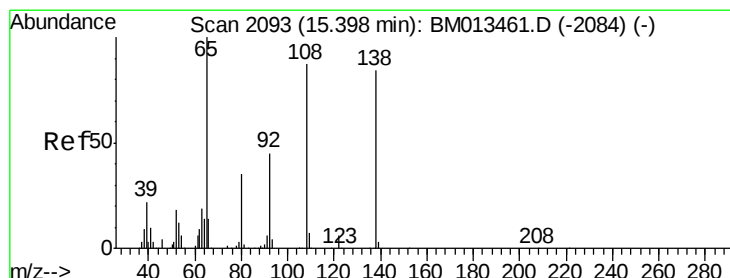
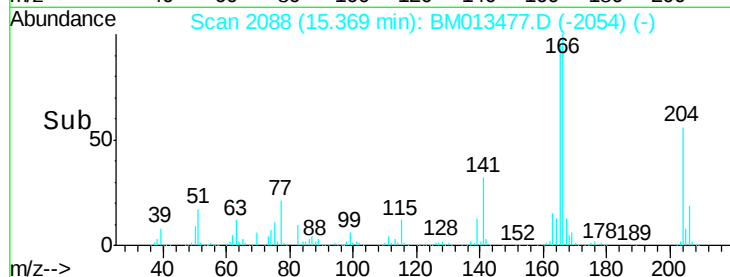
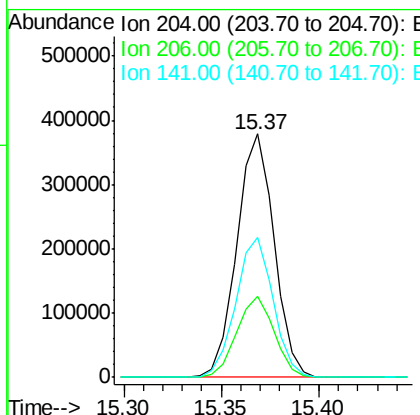
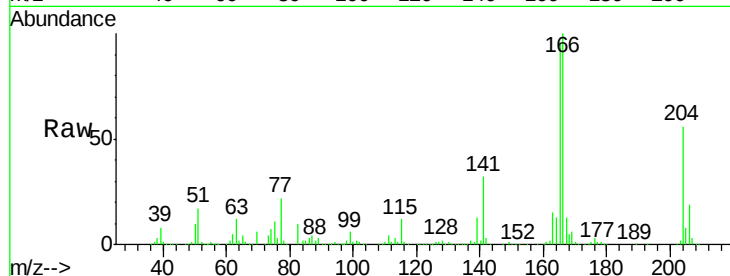




#59
 4-Chlorophenyl-phenylether
 Concen: 18.25 ng/ul
 RT: 15.37 min Scan# 2088
 Delta R.T. -0.00 min
 Lab File: BM013477.D
 Acq: 16 Dec 2017 15:21

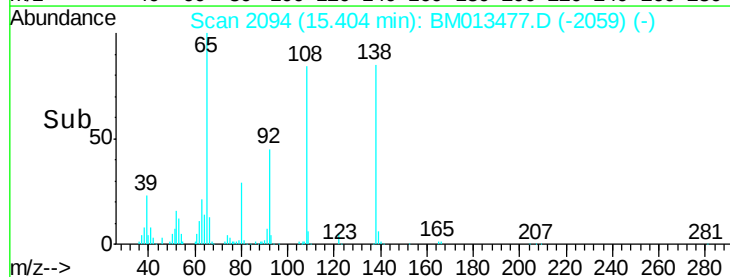
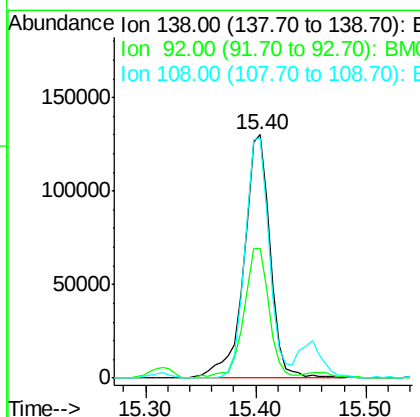
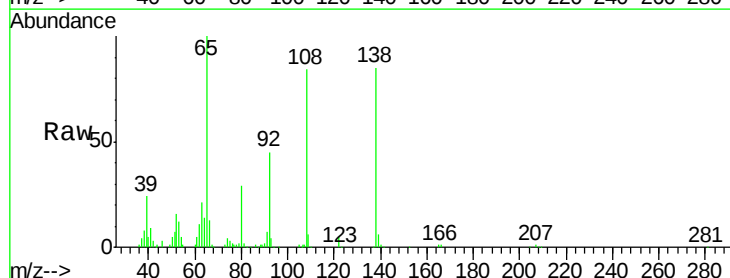
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02043

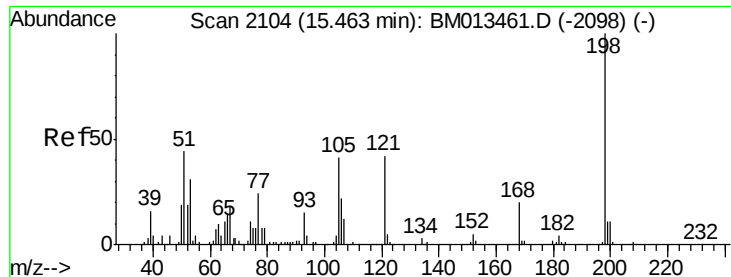
Tgt Ion:204 Resp: 501282
 Ion Ratio Lower Upper
 204 100
 206 33.4 24.8 37.2
 141 57.6 44.3 66.5



#60
 4-Nitroaniline
 Concen: 19.85 ng/ul
 RT: 15.40 min Scan# 2094
 Delta R.T. 0.01 min
 Lab File: BM013477.D
 Acq: 16 Dec 2017 15:21

Tgt Ion:138 Resp: 217589
 Ion Ratio Lower Upper
 138 100
 92 53.3 40.0 60.0
 108 98.4 80.0 120.0

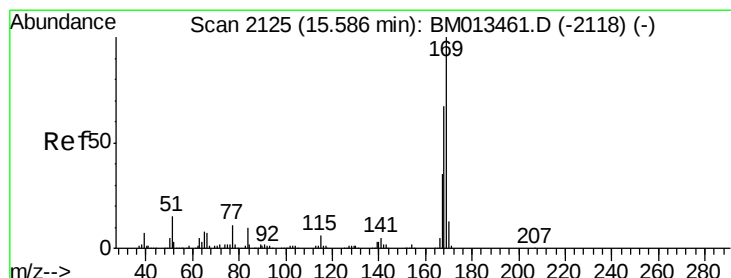
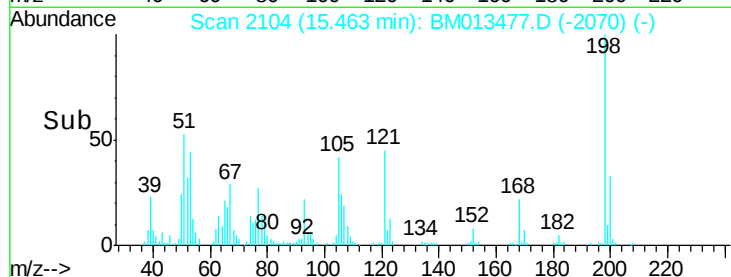
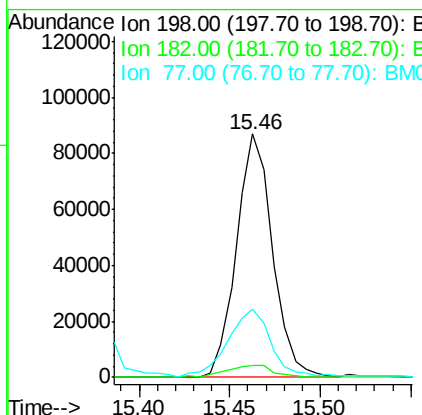
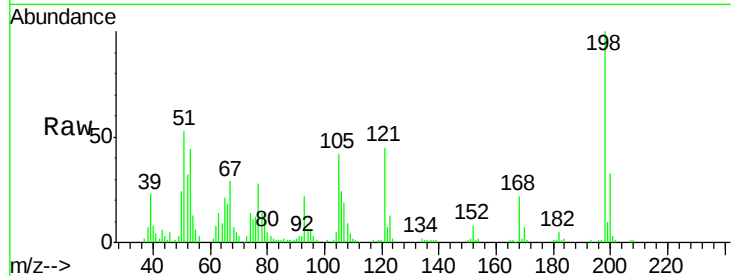




#63
 4,6-Dinitro-2-methylphenol
 Concen: 14.26 ng/ul
 RT: 15.46 min Scan# 2104
 Delta R.T. -0.00 min
 Lab File: BM013477.D
 Acq: 16 Dec 2017 15:21

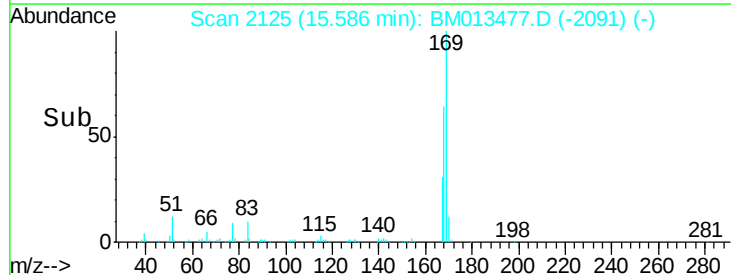
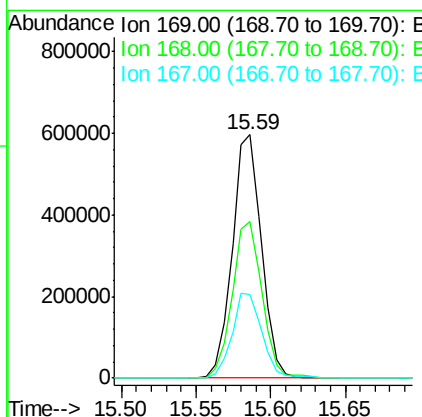
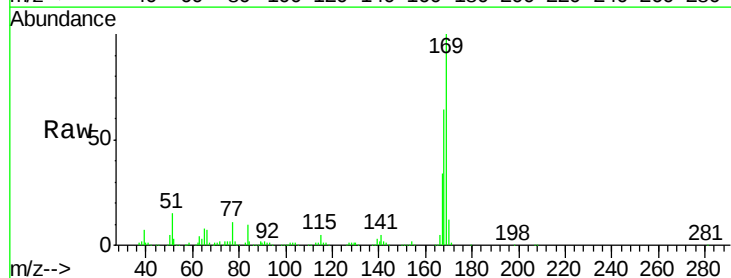
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02043

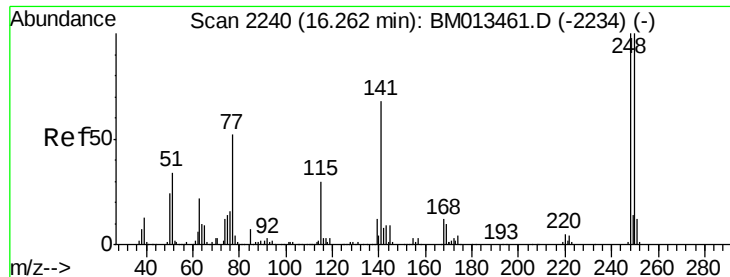
Tgt Ion	Resp	Lower	Upper
198	100		
182	5.1	3.8	5.6
77	27.9	25.2	37.8



#64
 N-Nitrosodiphenylamine
 Concen: 20.56 ng/ul
 RT: 15.59 min Scan# 2125
 Delta R.T. -0.00 min
 Lab File: BM013477.D
 Acq: 16 Dec 2017 15:21

Tgt Ion	Resp	Lower	Upper
169	100		
168	64.4	54.0	81.0
167	34.5	29.1	43.7

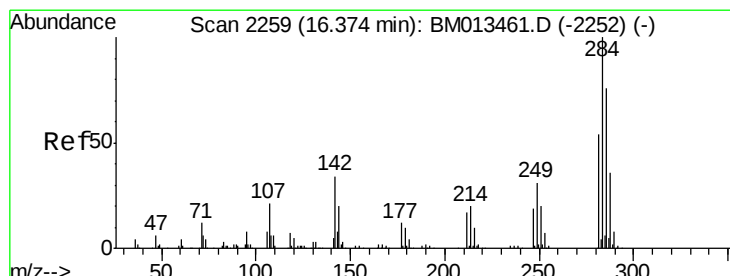
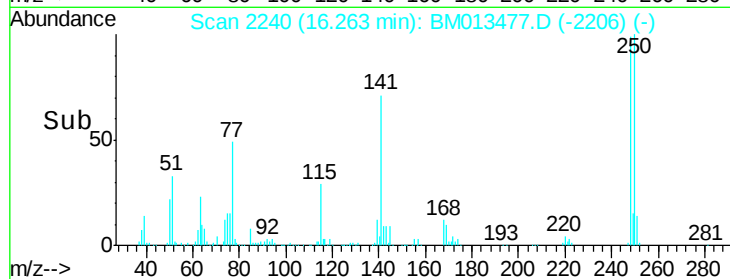
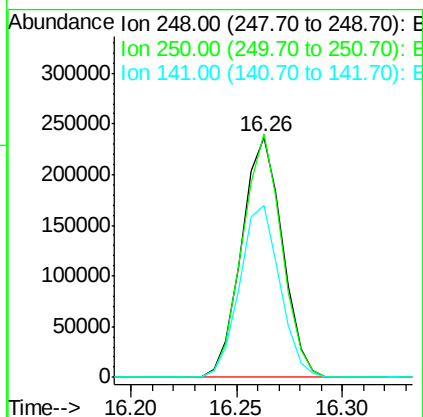
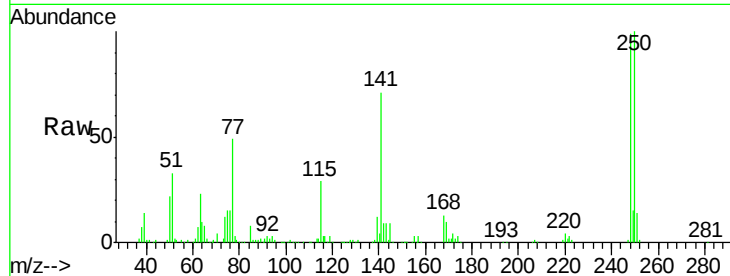




#65
4-Bromophenyl-phenylether
Concen: 20.20 ng/ul
RT: 16.26 min Scan# 2240
Delta R.T. -0.00 min
Lab File: BM013477.D
Acq: 16 Dec 2017 15:21

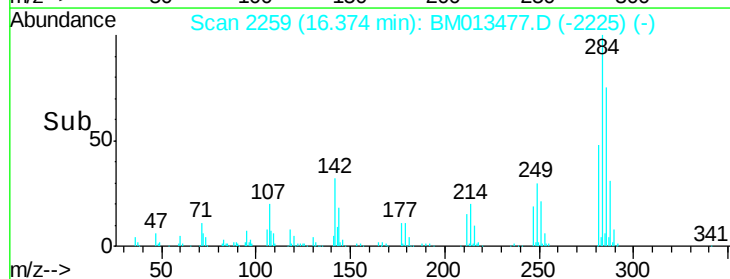
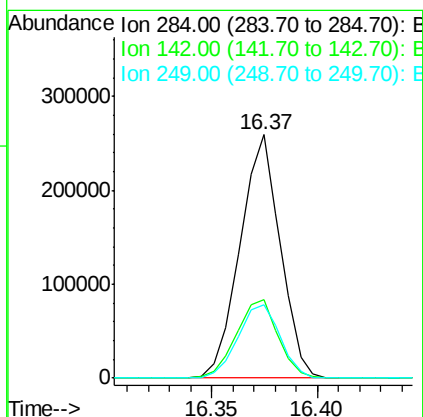
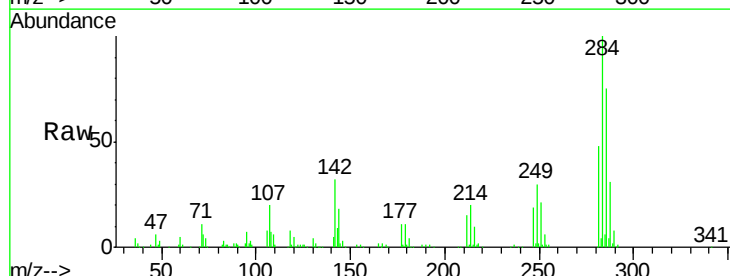
Instrument :
BNA_M
ClientSampleId :
SSTD02043

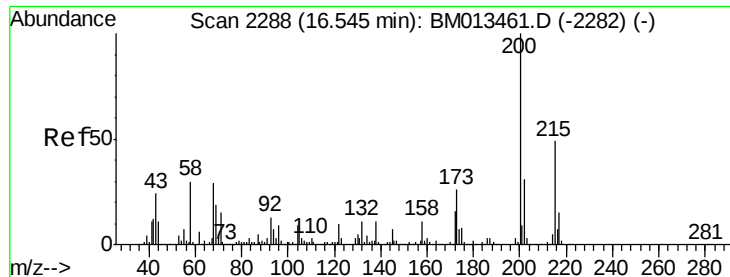
Tgt Ion:248 Resp: 319216
Ion Ratio Lower Upper
248 100
250 101.3 80.5 120.7
141 71.6 53.6 80.4



#66
Hexachlorobenzene
Concen: 19.64 ng/ul
RT: 16.37 min Scan# 2259
Delta R.T. -0.00 min
Lab File: BM013477.D
Acq: 16 Dec 2017 15:21

Tgt Ion:284 Resp: 342172
Ion Ratio Lower Upper
284 100
142 32.3 21.2 31.8#
249 30.3 24.5 36.7

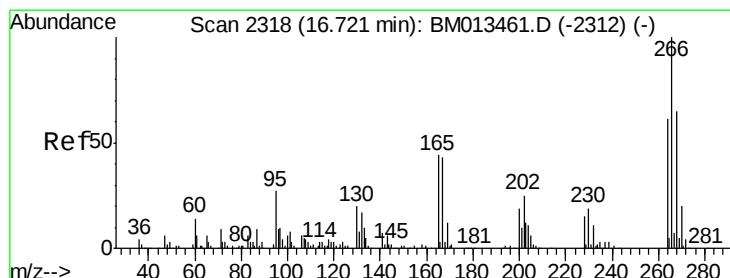
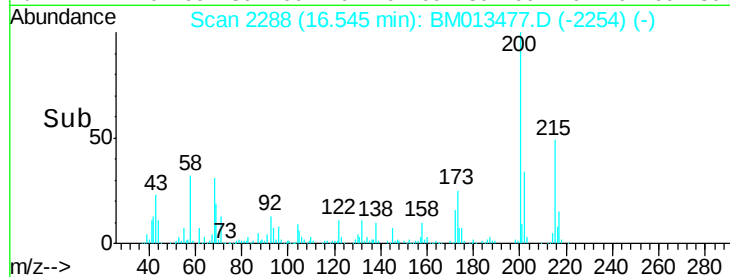
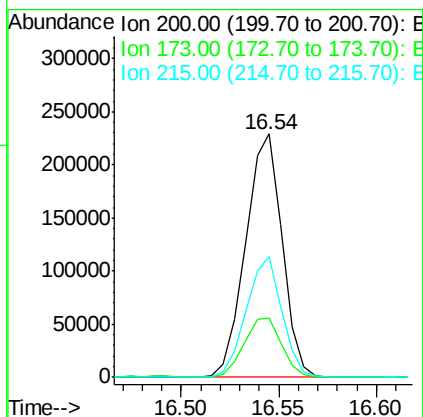
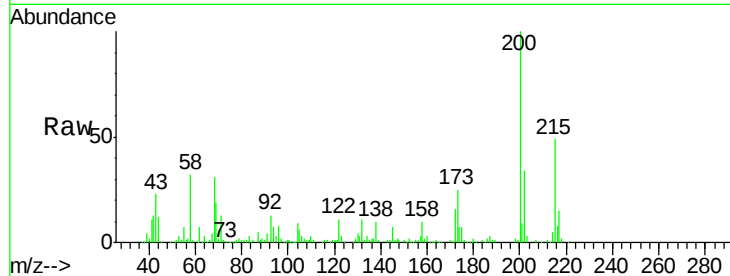




#67
Atrazine
Concen: 20.32 ng/ul
RT: 16.54 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BM013477.D
Acq: 16 Dec 2017 15:21

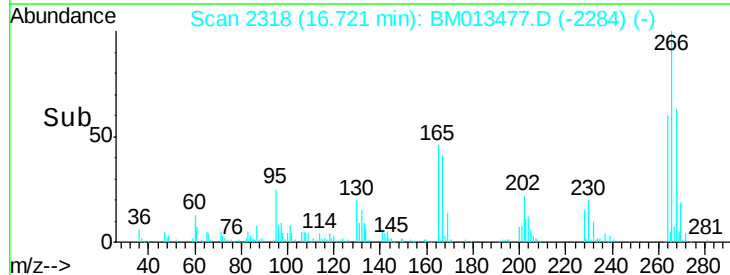
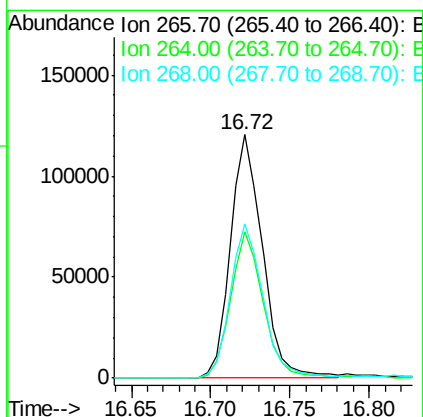
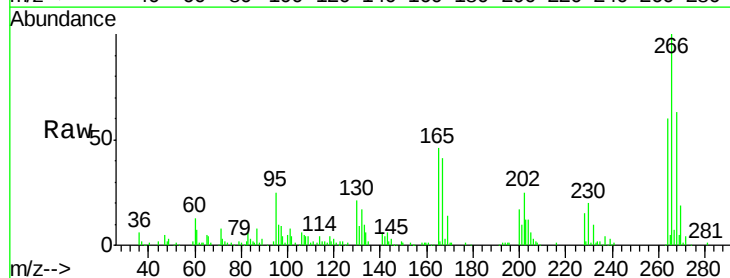
Instrument :
BNA_M
ClientSampleId :
SSTD02043

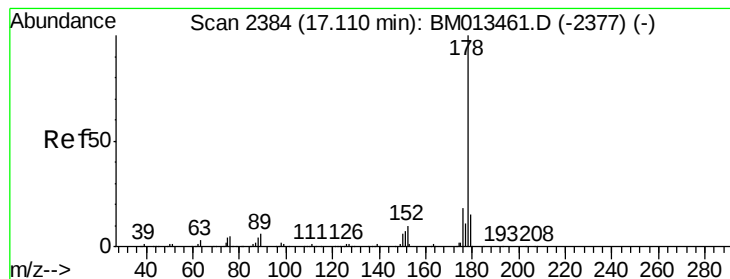
Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.6	18.2	27.2
215	49.4	35.0	52.4



#68
Pentachlorophenol
Concen: 16.79 ng/ul
RT: 16.72 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BM013477.D
Acq: 16 Dec 2017 15:21

Tgt Ion	Ratio	Lower	Upper
266	100		
264	60.2	49.3	73.9
268	63.1	52.6	78.8





#69

Phenanthrene

Concen: 19.55 ng/ul

RT: 17.11 min Scan# 2384

Delta R.T. -0.00 min

Lab File: BM013477.D

Acq: 16 Dec 2017 15:21

Instrument :

BNA_M

ClientSampleId :

SSTD02043

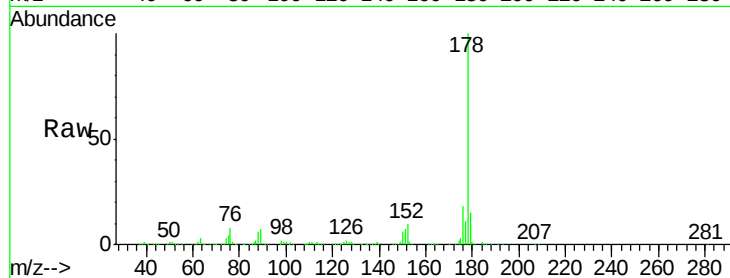
Tgt Ion:178 Resp: 1493159

Ion Ratio Lower Upper

178 100

179 15.2 12.6 19.0

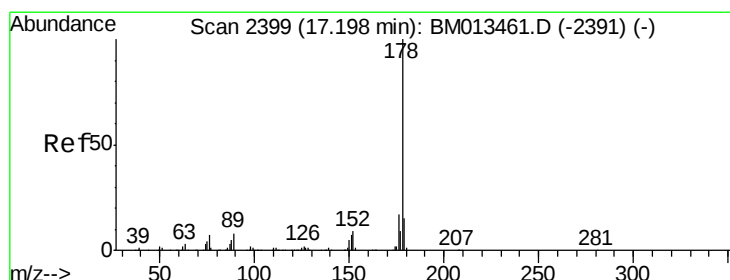
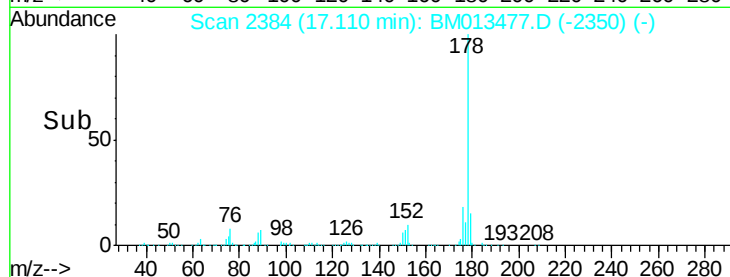
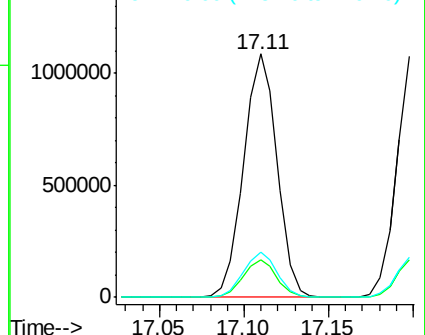
176 18.5 14.9 22.3



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: 19.74 ng/ul

RT: 17.20 min Scan# 2400

Delta R.T. -0.00 min

Lab File: BM013477.D

Acq: 16 Dec 2017 15:21

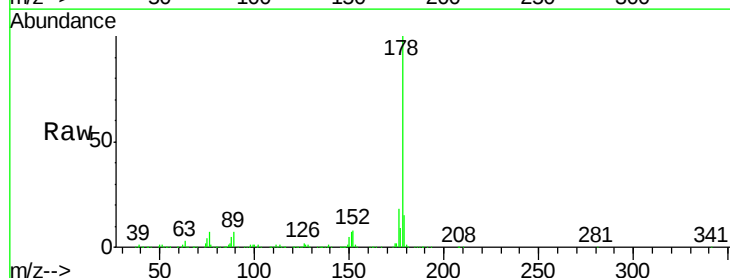
Tgt Ion:178 Resp: 1541073

Ion Ratio Lower Upper

178 100

179 15.0 11.7 17.5

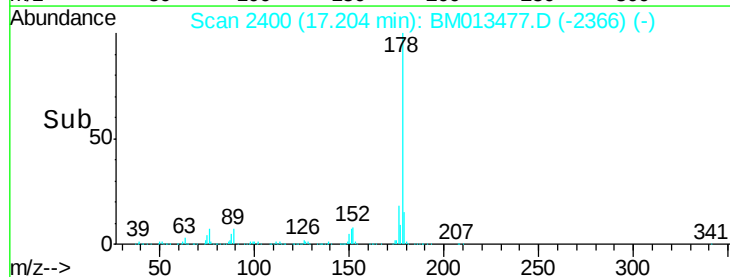
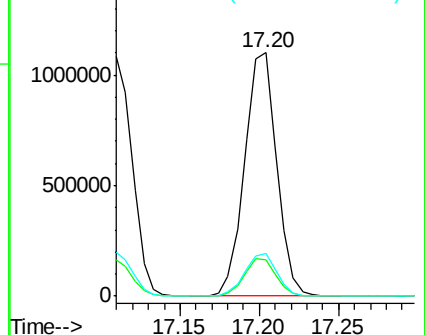
176 17.7 14.6 21.8

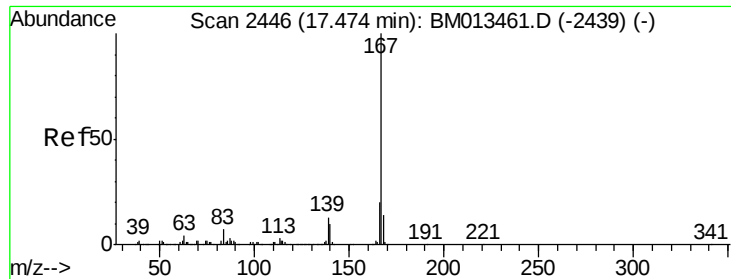


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 18.96 ng/ul

RT: 17.47 min Scan# 2446

Delta R.T. -0.00 min

Lab File: BM013477.D

Acq: 16 Dec 2017 15:21

Instrument :

BNA_M

ClientSampleId :

SSTD02043

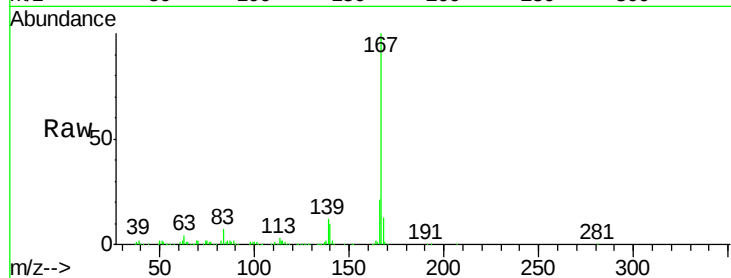
Tgt Ion:167 Resp: 1273166

Ion Ratio Lower Upper

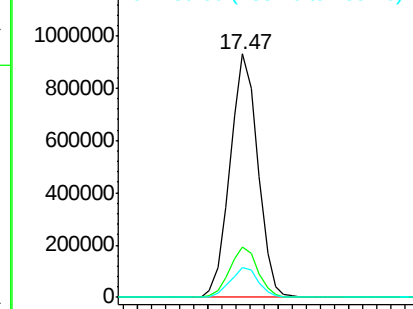
167 100

166 20.8 17.1 25.7

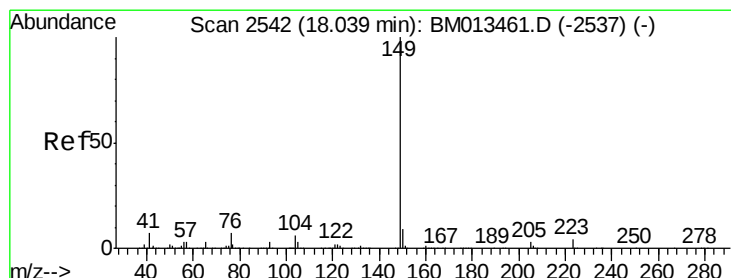
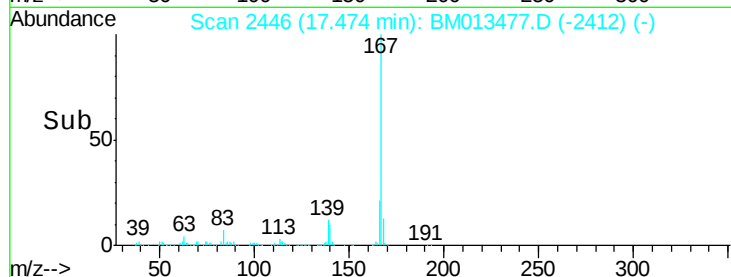
139 12.1 10.0 15.0



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



Time--> 17.40 17.45 17.50 17.55



#73

Di-n-butylphthalate

Concen: 19.74 ng/ul

RT: 18.04 min Scan# 2542

Delta R.T. -0.01 min

Lab File: BM013477.D

Acq: 16 Dec 2017 15:21

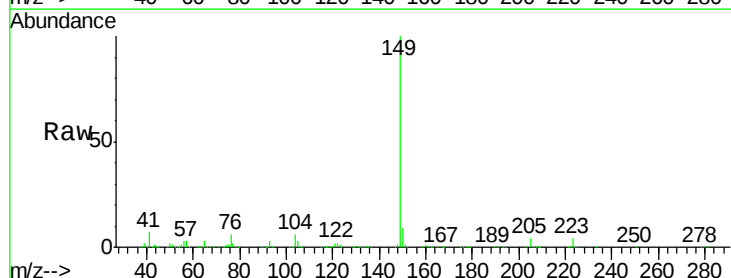
Tgt Ion:149 Resp: 1547539

Ion Ratio Lower Upper

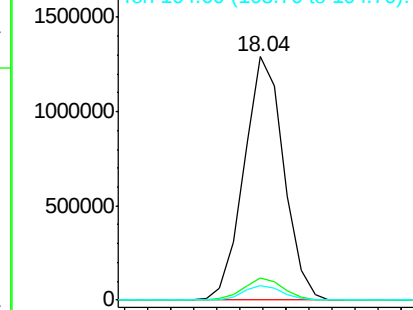
149 100

150 8.9 7.1 10.7

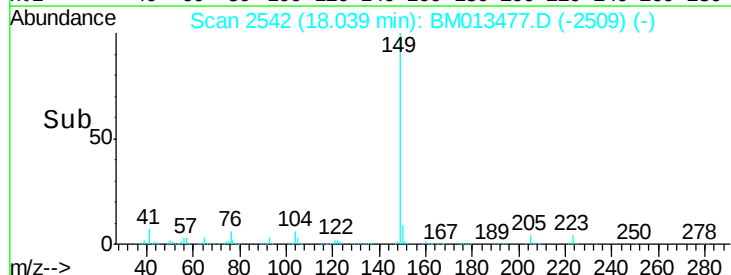
104 6.1 5.6 8.4

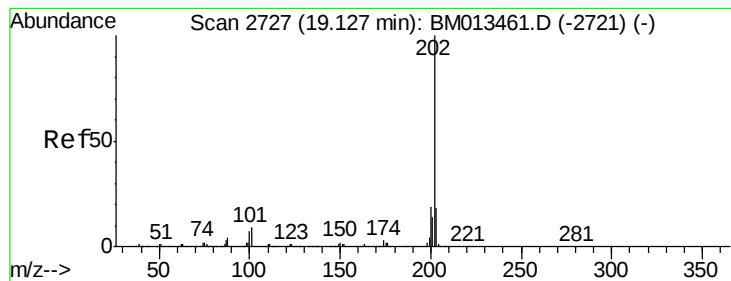


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



Time--> 18.00 18.05





#74

Fluoranthene

Concen: 17.72 ng/ul

RT: 19.13 min Scan# 2727

Delta R.T. -0.00 min

Lab File: BM013477.D

Acq: 16 Dec 2017 15:21

Instrument :

BNA_M

ClientSampleId :

SSTD02043

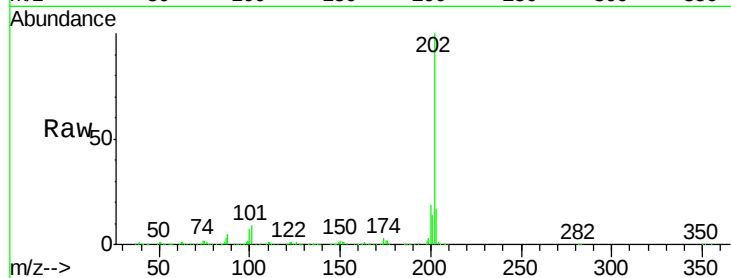
Tgt Ion:202 Resp: 1658212

Ion Ratio Lower Upper

202 100

101 8.7 4.6 7.0#

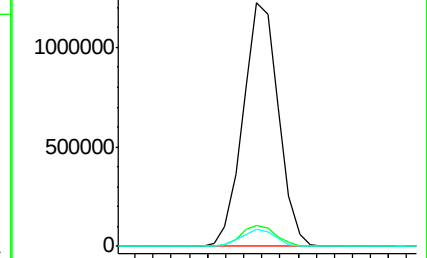
100 6.8 3.4 5.2#



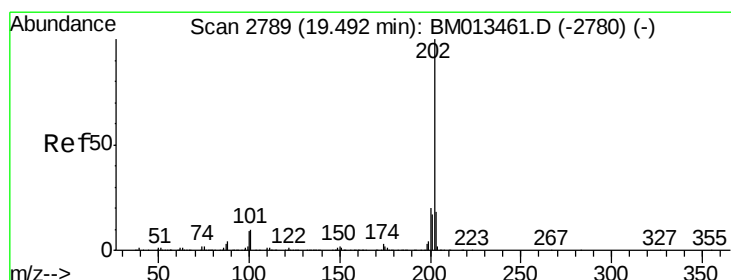
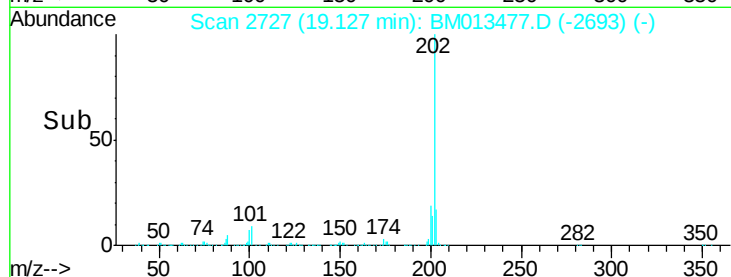
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->



#77

Pyrene

Concen: 24.73 ng/ul

RT: 19.49 min Scan# 2789

Delta R.T. -0.00 min

Lab File: BM013477.D

Acq: 16 Dec 2017 15:21

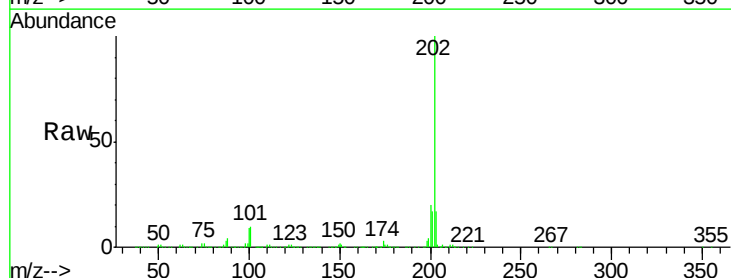
Tgt Ion:202 Resp: 1616684

Ion Ratio Lower Upper

202 100

101 10.4 5.1 7.7#

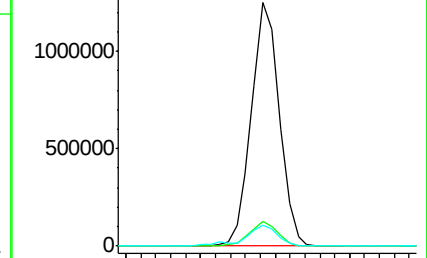
100 8.7 4.9 7.3#



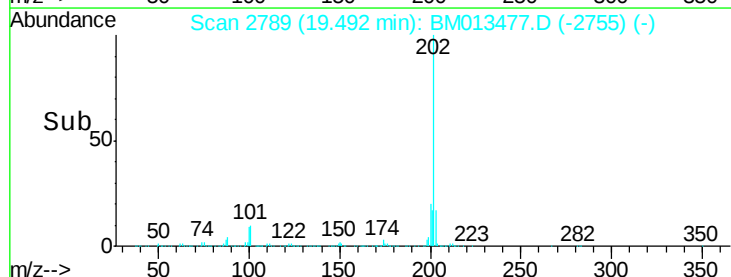
Abundance Ion 202.00 (201.70 to 202.70): E

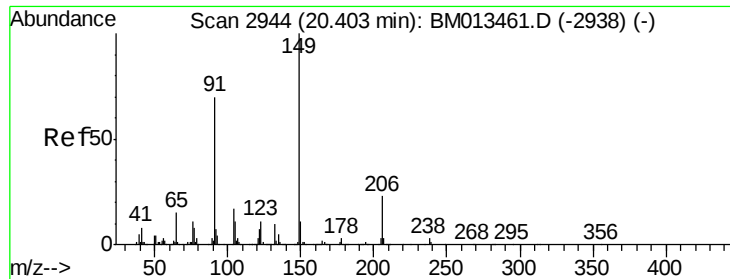
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->

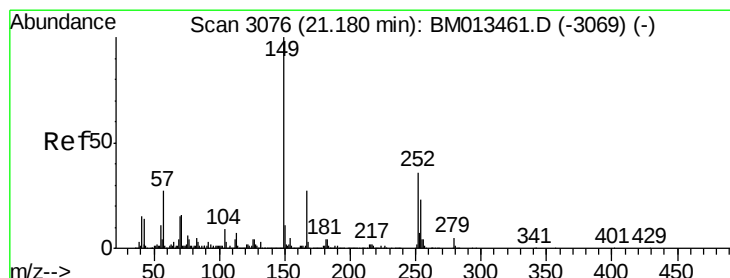
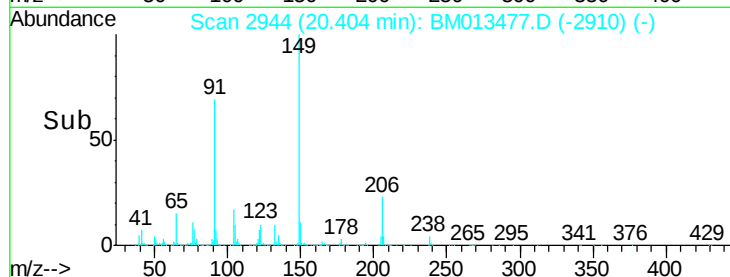
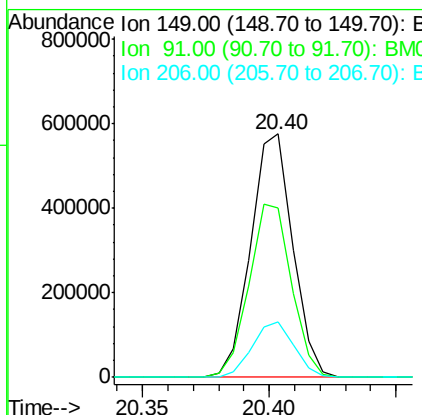
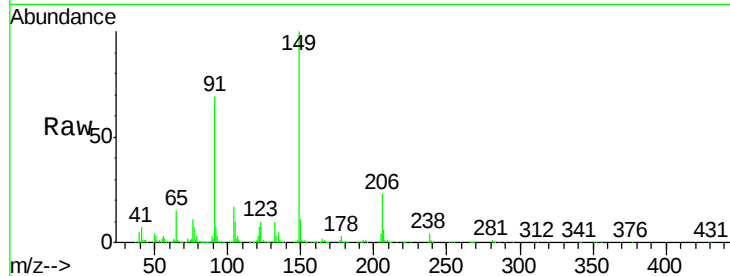




#78
Butylbenzylphthalate
Concen: 25.97 ng/ul
RT: 20.40 min Scan# 2944
Delta R.T. -0.00 min
Lab File: BM013477.D
Acq: 16 Dec 2017 15:21

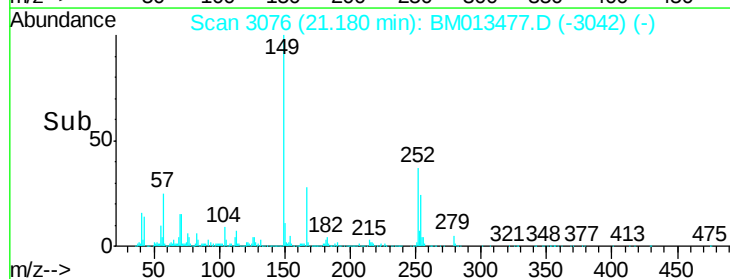
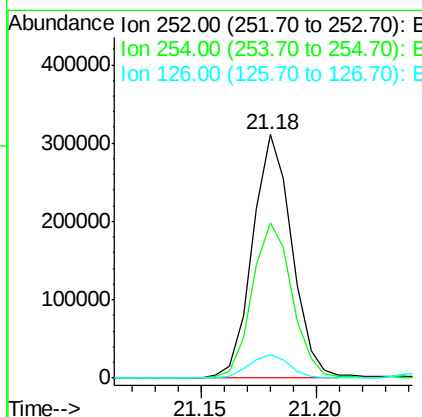
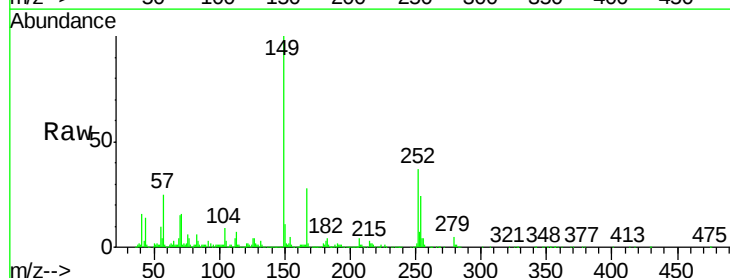
Instrument :
BNA_M
ClientSampleId :
SSTD02043

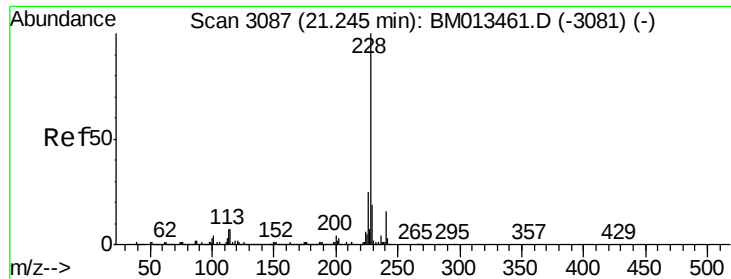
Tgt Ion:149 Resp: 663399
Ion Ratio Lower Upper
149 100
91 69.5 62.7 94.1
206 22.9 20.8 31.2



#79
3,3'-Dichlorobenzidine
Concen: 16.31 ng/ul
RT: 21.18 min Scan# 3076
Delta R.T. -0.00 min
Lab File: BM013477.D
Acq: 16 Dec 2017 15:21

Tgt Ion:252 Resp: 368958
Ion Ratio Lower Upper
252 100
254 63.9 54.5 81.7
126 9.6 5.8 8.8#





#80

Benzo(a)anthracene

Concen: 19.62 ng/ul

RT: 21.24 min Scan# 3087

Delta R.T. -0.00 min

Lab File: BM013477.D

Acq: 16 Dec 2017 15:21

Instrument :

BNA_M

ClientSampleId :

SSTD02043

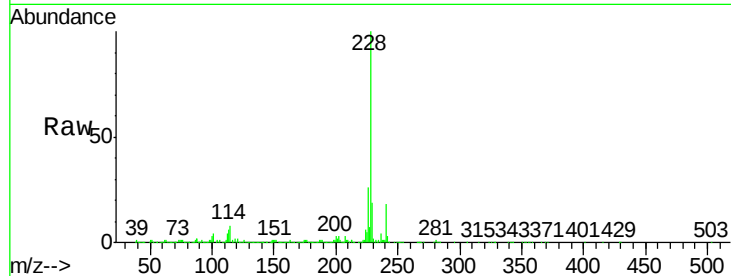
Tgt Ion:228 Resp: 1339853

Ion Ratio Lower Upper

228 100

229 19.0 15.4 23.0

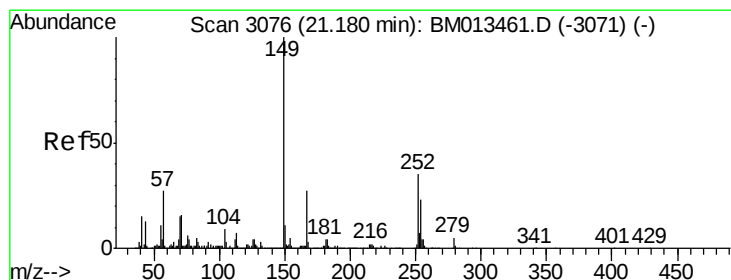
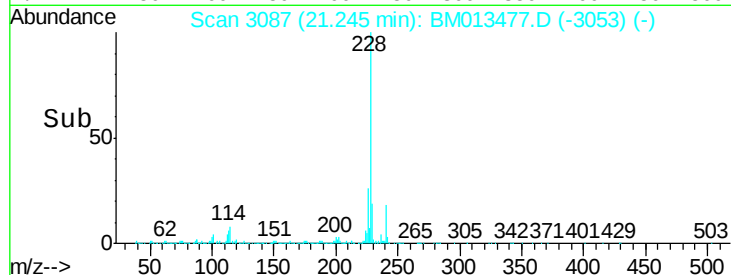
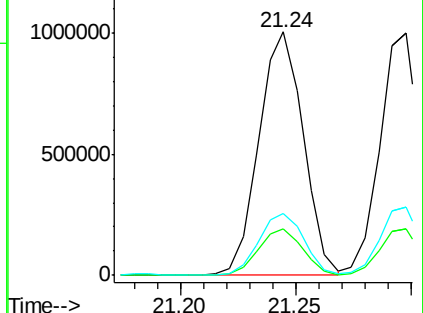
226 25.6 21.4 32.0



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



#81

Bis(2-ethylhexyl)phthalate

Concen: 23.49 ng/ul

RT: 21.18 min Scan# 3076

Delta R.T. -0.00 min

Lab File: BM013477.D

Acq: 16 Dec 2017 15:21

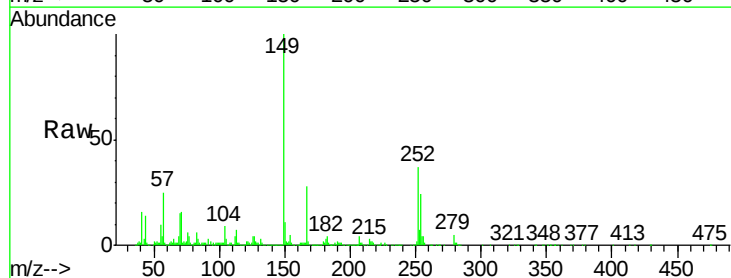
Tgt Ion:149 Resp: 904357

Ion Ratio Lower Upper

149 100

167 28.4 22.8 34.2

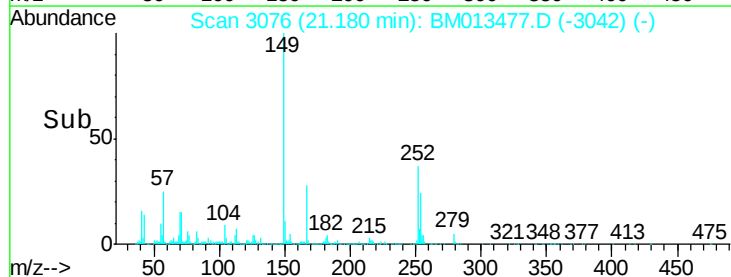
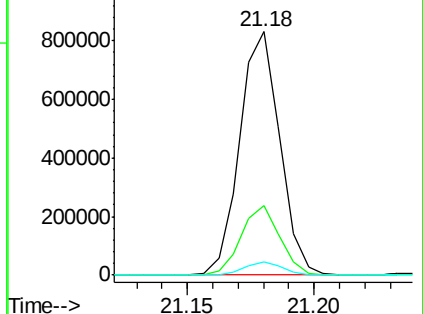
279 5.3 4.9 7.3

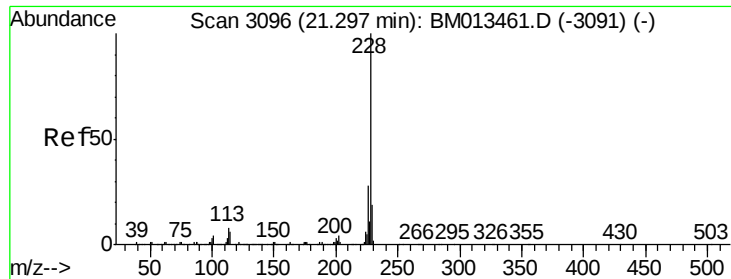


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 19.32 ng/ul

RT: 21.30 min Scan# 3096

Delta R.T. -0.00 min

Lab File: BM013477.D

Acq: 16 Dec 2017 15:21

Instrument :

BNA_M

ClientSampleId :

SSTD02043

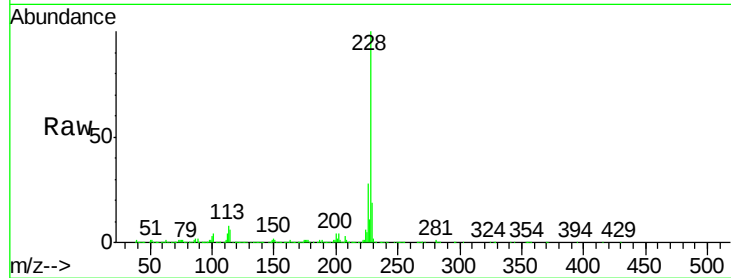
Tgt Ion:228 Resp: 1224155

Ion Ratio Lower Upper

228 100

226 28.1 23.4 35.2

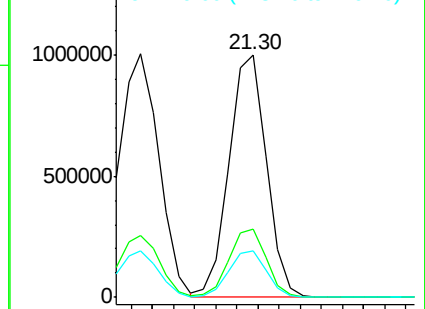
229 19.2 15.5 23.3



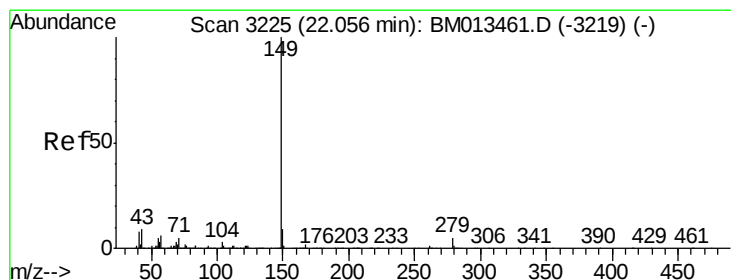
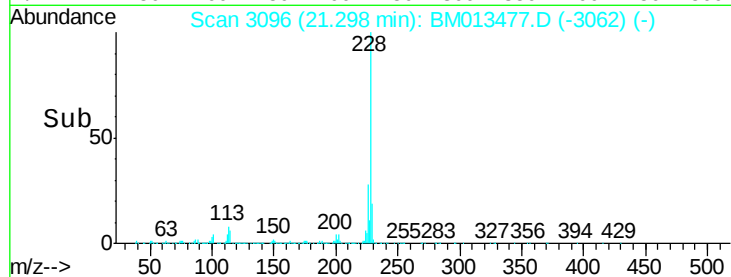
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#84

Di-n-octyl phthalate

Concen: 23.39 ng/ul

RT: 22.06 min Scan# 3225

Delta R.T. -0.00 min

Lab File: BM013477.D

Acq: 16 Dec 2017 15:21

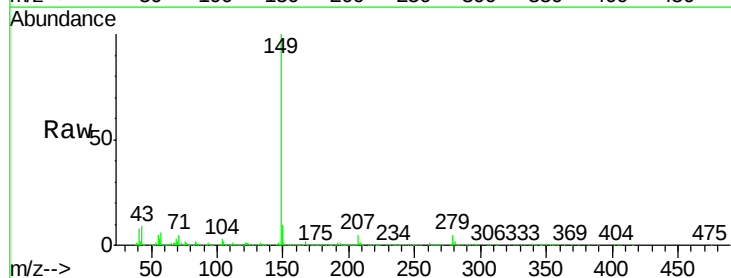
Tgt Ion:149 Resp: 1430210

Ion Ratio Lower Upper

149 100

167 1.9 1.3 1.9

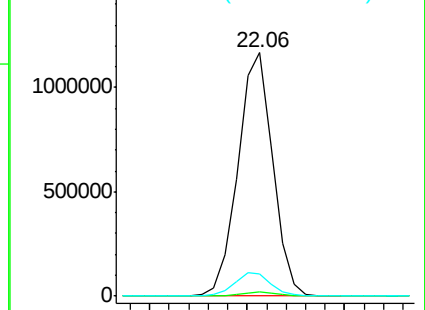
43 9.3 7.3 10.9



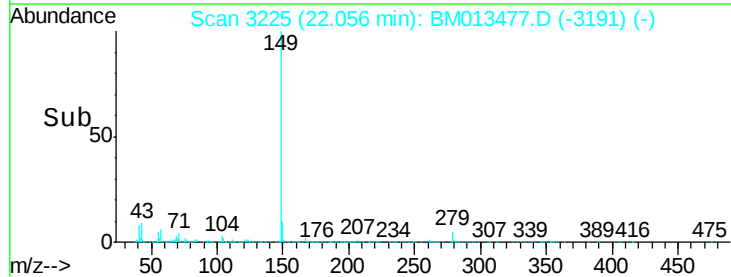
Abundance Ion 149.00 (148.70 to 149.70): E

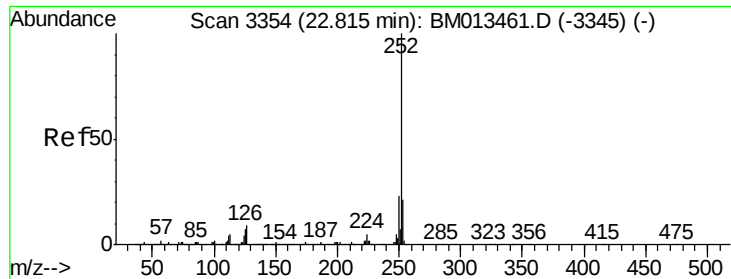
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



Time-->





#85

Benzo(b)fluoranthene

Concen: 19.38 ng/ul

RT: 22.82 min Scan# 3354

Delta R.T. -0.00 min

Lab File: BM013477.D

Acq: 16 Dec 2017 15:21

Instrument :

BNA_M

ClientSampleId :

SSTD02043

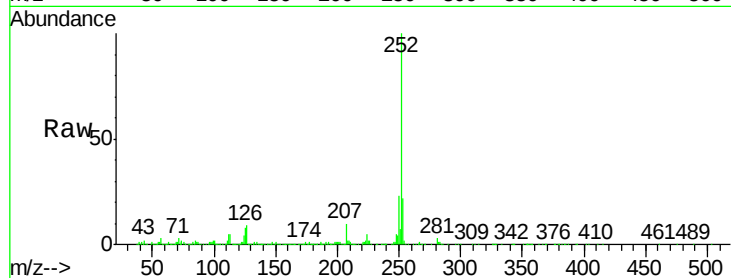
Tgt Ion:252 Resp: 1123211

Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

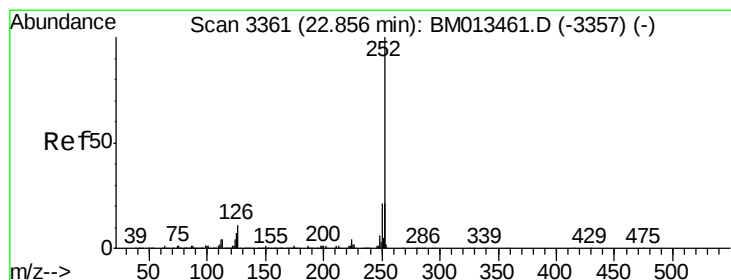
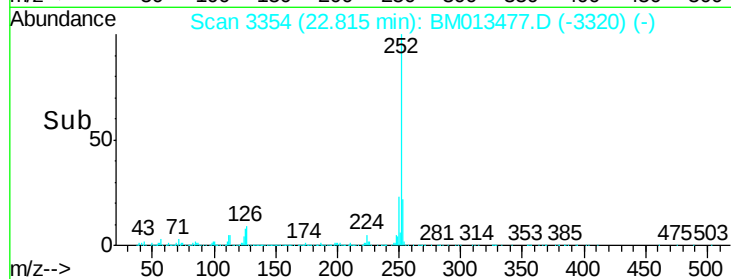
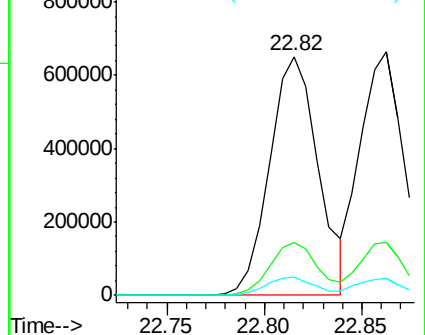
125 7.8 3.6 5.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#86

Benzo(k)fluoranthene

Concen: 18.85 ng/ul

RT: 22.86 min Scan# 3362

Delta R.T. 0.01 min

Lab File: BM013477.D

Acq: 16 Dec 2017 15:21

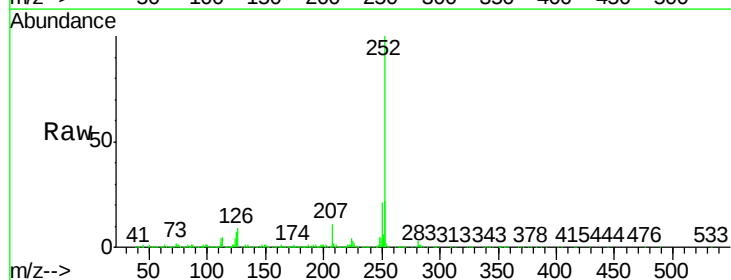
Tgt Ion:252 Resp: 1028214

Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

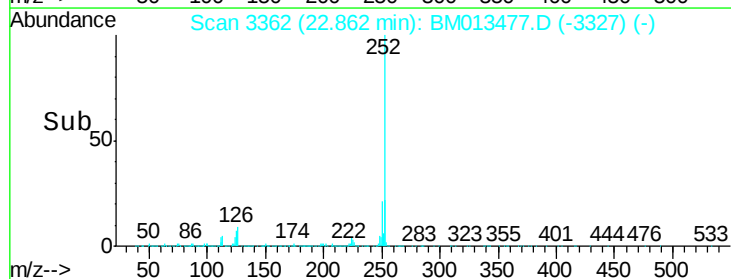
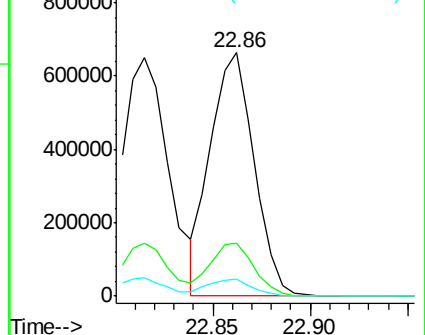
125 7.0 3.4 5.2#

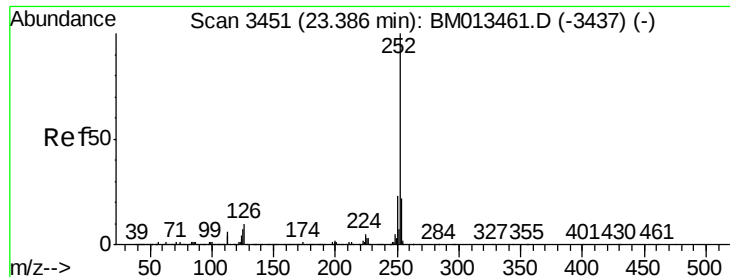


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 19.39 ng/ul

RT: 23.39 min Scan# 3451

Delta R.T. -0.00 min

Lab File: BM013477.D

Acq: 16 Dec 2017 15:21

Instrument :

BNA_M

ClientSampleId :

SSTD02043

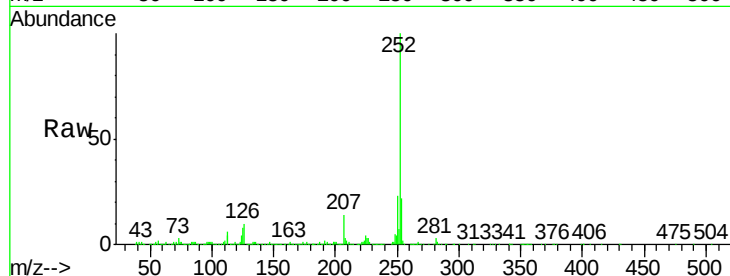
Tgt Ion:252 Resp: 1009606

Ion Ratio Lower Upper

252 100

253 21.6 18.2 27.2

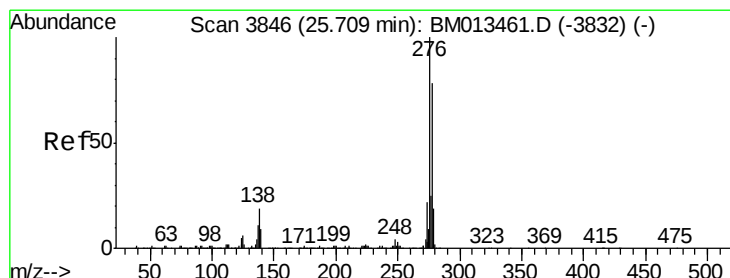
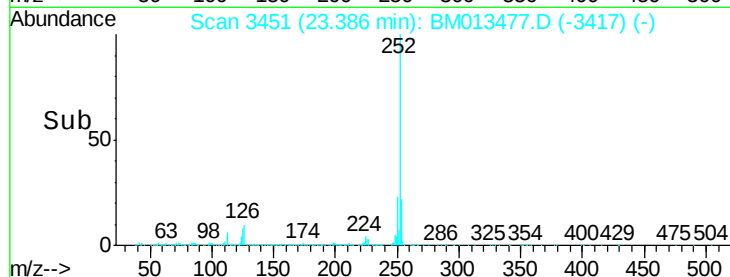
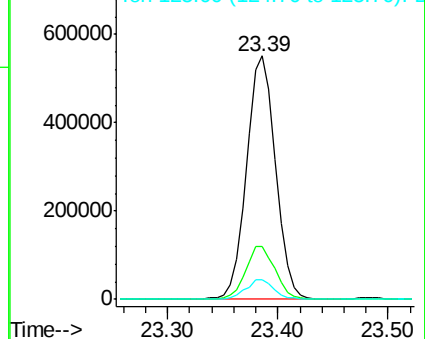
125 7.9 4.0 6.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Indeno(1,2,3-cd)pyrene

Concen: 21.54 ng/ul

RT: 25.71 min Scan# 3847

Delta R.T. 0.01 min

Lab File: BM013477.D

Acq: 16 Dec 2017 15:21

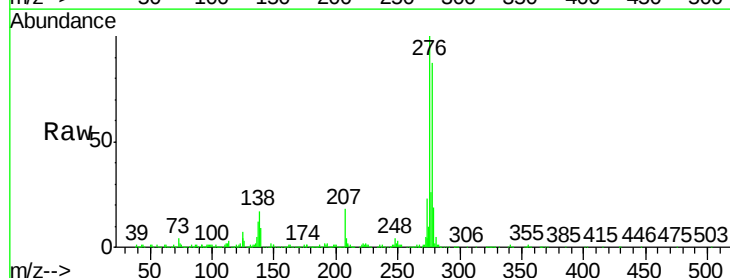
Tgt Ion:276 Resp: 1112583

Ion Ratio Lower Upper

276 100

138 17.4 9.3 13.9#

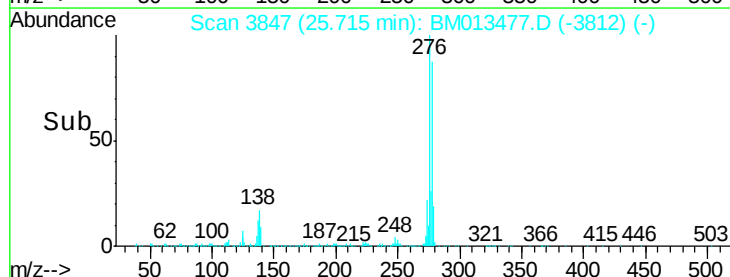
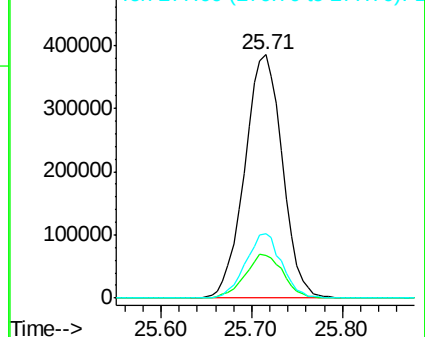
277 26.5 19.9 29.9

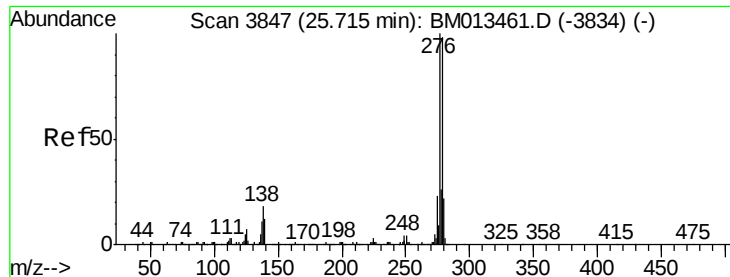


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 21.66 ng/ul

RT: 25.72 min Scan# 3848

Delta R.T. -0.00 min

Lab File: BM013477.D

Acq: 16 Dec 2017 15:21

Instrument :

BNA_M

ClientSampleId :

SSTD02043

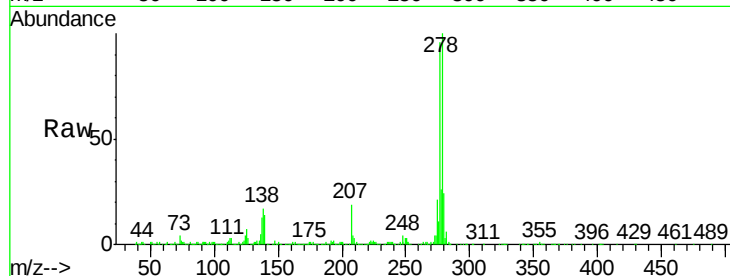
Tgt Ion:278 Resp: 952751

Ion Ratio Lower Upper

278 100

139 14.0 5.8 8.8#

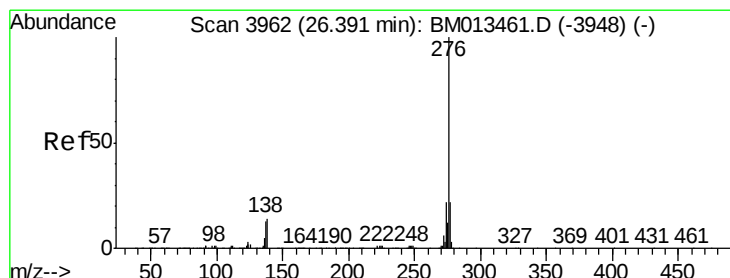
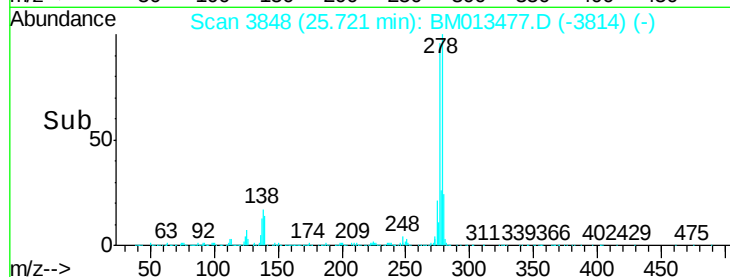
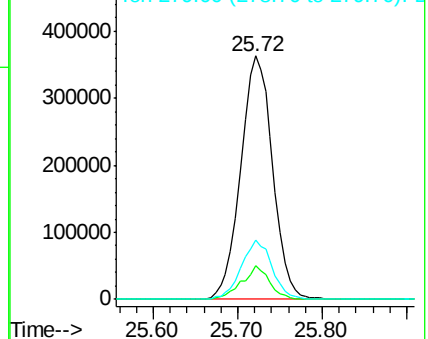
279 24.3 18.6 27.8



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



#91

Benzo(g,h,i)perylene

Concen: 22.61 ng/ul

RT: 26.40 min Scan# 3963

Delta R.T. -0.00 min

Lab File: BM013477.D

Acq: 16 Dec 2017 15:21

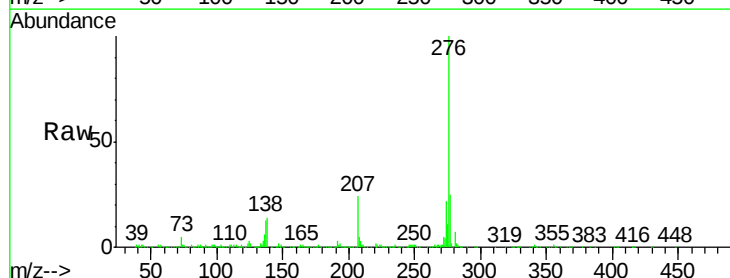
Tgt Ion:276 Resp: 921251

Ion Ratio Lower Upper

276 100

138 14.4 8.5 12.7#

277 25.4 18.6 28.0



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

