

Data File : BM013936.D
Acq On : 28 Jan 2018 23:26
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02004

Quant Time: Jan 29 02:39:30 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 29 02:34:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	112570	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	445763	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	278061	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	635406	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	702743	20.00	ng/ul	0.00
83) Perylene-d12	23.37	264	693334	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	19266	6.76	ng/uL	0.00
5) Phenol-d5	6.76	99	149637	17.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	95649	18.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	131246	18.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	121551	18.30	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	62974	18.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	73620	20.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	135525	19.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	147138	24.02	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	442009	19.29	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	550942	18.85	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	52860	14.19	ng/ul	0.00
57) Fluorene-d10	15.23	176	379208	18.82	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	67178	17.56	ng/ul	0.00
70) Anthracene-d10	17.08	188	612027	19.78	ng/ul	0.00
76) Pyrene-d10	19.39	212	674156	20.60	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.23	264	640834	20.11	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.17	88	22120	7.09	ng/uL#	67
4) Benzaldehyde	6.73	77	123881	20.71	ng/ul	90
6) Phenol	6.79	94	154081	17.78	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.02	93	119686	17.65	ng/ul	93
10) 2-Chlorophenol	7.15	128	131327	18.71	ng/ul	93
11) 2-Methylphenol	8.03	108	115349	18.05	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.11	45	113540	16.45	ng/ul#	74
14) Acetophenone	8.40	105	205140	18.66	ng/ul	88
15) N-Nitroso-di-n-propylamine	8.38	70	106517	19.86	ng/ul#	65
16) 4-Methylphenol	8.35	108	124565	18.23	ng/ul	97
17) Hexachloroethane	8.63	117	64912	19.00	ng/ul	88
20) Nitrobenzene	8.77	77	171504	19.19	ng/ul	97
21) Isophorone	9.30	82	267476	18.53	ng/ul	96
23) 2-Nitrophenol	9.48	139	72690	19.08	ng/ul	94
24) 2,4-Dimethylphenol	9.55	107	155015	19.30	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.78	93	161664	18.37	ng/ul	98
27) 2,4-Dichlorophenol	10.01	162	127984	18.81	ng/ul#	81
28) Naphthalene	10.40	128	431716	19.47	ng/ul	98
30) 4-Chloroaniline	10.53	127	142568	23.47	ng/ul	93
31) Hexachlorobutadiene	10.67	225	122317	21.90	ng/ul#	92
32) Caprolactam	11.31	113	32261	17.04	ng/ul#	26
33) 4-Chloro-3-methylphenol	11.66	107	133702	19.38	ng/ul#	90
34) 2-Methylnaphthalene	12.02	142	333583	20.18	ng/ul	91

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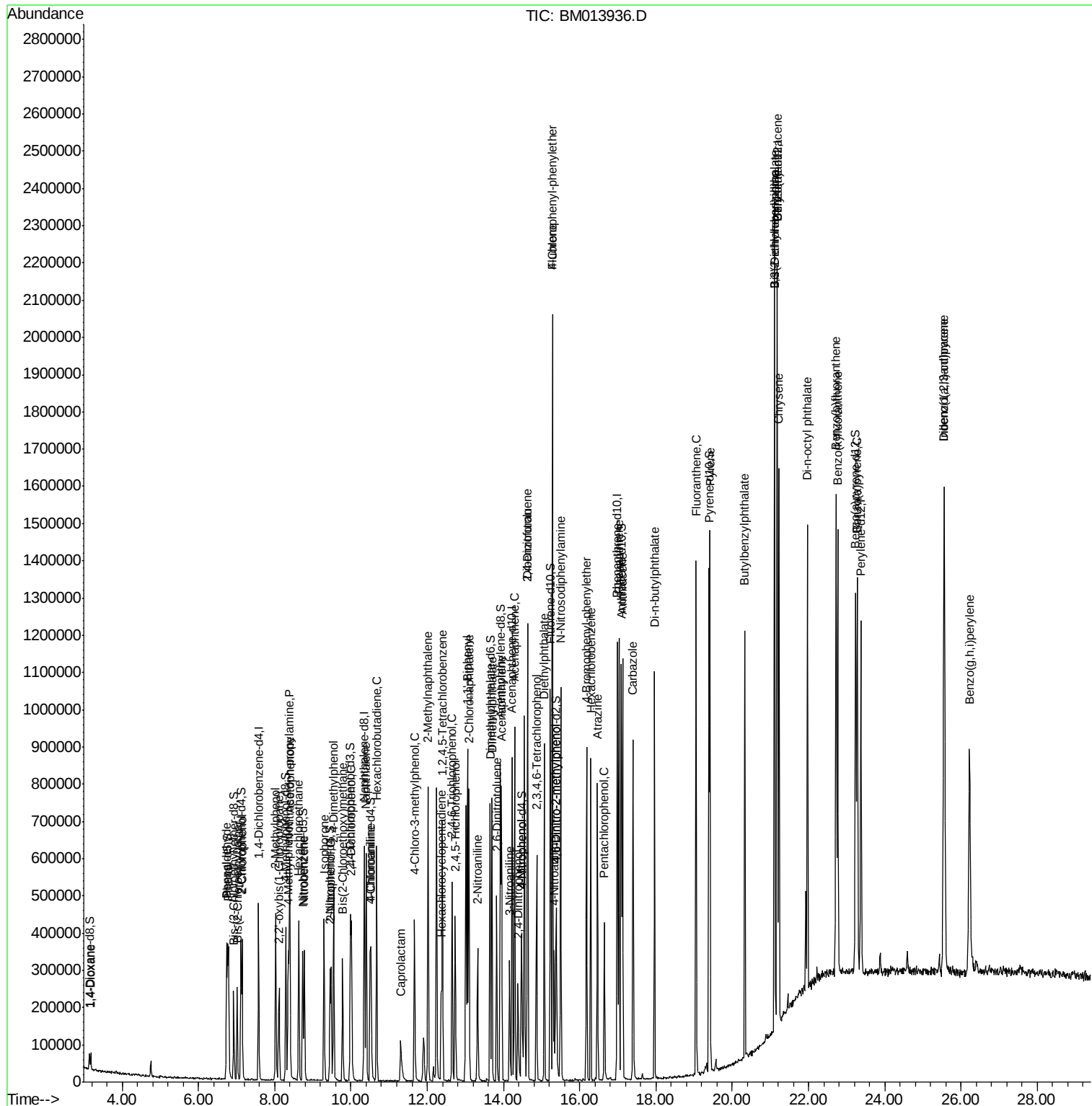
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.40	216	208769	20.26	ng/ul	97
37) Hexachlorocyclopentadiene	12.37	237	62010	14.50	ng/ul#	95
38) 2,4,6-Trichlorophenol	12.65	196	121100	20.31	ng/ul	97
39) 2,4,5-Trichlorophenol	12.73	196	115363	18.59	ng/ul	97
40) 1,1'-Biphenyl	13.06	154	439813	19.00	ng/ul	97
41) 2-Chloronaphthalene	13.09	162	349011	19.29	ng/ul	98
42) 2-Nitroaniline	13.32	65	93626	18.76	ng/ul	94
44) Dimethylphthalate	13.70	163	421636	18.71	ng/ul	99
45) 2,6-Dinitrotoluene	13.82	165	83849	19.20	ng/ul#	89
47) Acenaphthylene	13.94	152	501919	18.77	ng/ul	98
48) 3-Nitroaniline	14.16	138	66974	19.50	ng/ul	94
49) Acenaphthene	14.29	153	352472	19.03	ng/ul	96
50) 2,4-Dinitrophenol	14.38	184	57017	22.78	ng/ul	95
52) 4-Nitrophenol	14.48	109	66907	17.68	ng/ul#	68
53) Dibenzofuran	14.63	168	527172	18.92	ng/ul	97
54) 2,4-Dinitrotoluene	14.62	165	121934	19.16	ng/ul#	85
55) 2,3,4,6-Tetrachlorophenol	14.87	232	115603	19.81	ng/ul#	93
56) Diethylphthalate	15.07	149	435377	19.20	ng/ul	95
58) Fluorene	15.29	166	439534	19.26	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.29	204	247472	20.07	ng/ul	99
60) 4-Nitroaniline	15.33	138	66852	16.64	ng/ul	83
63) 4,6-Dinitro-2-methylphenol	15.39	198	66657	16.51	ng/ul	99
64) N-Nitrosodiphenylamine	15.50	169	369666	19.78	ng/ul	98
65) 4-Bromophenyl-phenylether	16.18	248	154998	20.65	ng/ul	93
66) Hexachlorobenzene	16.29	284	164351	20.34	ng/ul#	87
67) Atrazine	16.46	200	148212	19.87	ng/ul	92
68) Pentachlorophenol	16.64	266	69581	16.21	ng/ul	96
69) Phenanthrene	17.03	178	689037	19.51	ng/ul	99
71) Anthracene	17.12	178	708750	19.45	ng/ul	97
72) Carbazole	17.40	167	570367	18.97	ng/ul	99
73) Di-n-butylphthalate	17.96	149	690215	19.52	ng/ul	99
74) Fluoranthene	19.05	202	816511	19.37	ng/ul#	96
77) Pyrene	19.42	202	866424	20.28	ng/ul#	96
78) Butylbenzylphthalate	20.33	149	300049	19.94	ng/ul	91
79) 3,3'-Dichlorobenzidine	21.12	252	253910	21.84	ng/ul	92
80) Benzo(a)anthracene	21.17	228	842686	19.85	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.11	149	441696	19.56	ng/ul	98
82) Chrysene	21.22	228	756932	19.43	ng/ul	99
84) Di-n-octyl phthalate	21.97	149	728819	17.44	ng/ul	98
85) Benzo(b)fluoranthene	22.72	252	869277	20.42	ng/ul#	98
86) Benzo(k)fluoranthene	22.76	252	793412	19.28	ng/ul#	99
88) Benzo(a)pyrene	23.28	252	793645	19.73	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.56	276	916840	19.31	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.56	278	780670	19.47	ng/ul#	99
91) Benzo(g,h,i)perylene	26.22	276	762626	19.52	ng/ul	98

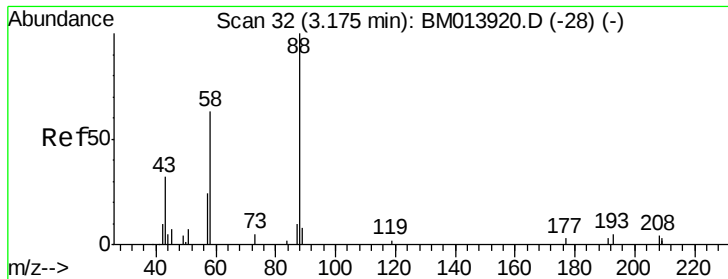
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 7.09 ng/uL

RT: 3.17 min Scan# 32

Delta R.T. -0.00 min

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Acq: 28 Jan 2018 23:26

Instrument :

BNA_M

ClientSampleId :

SSTD02004

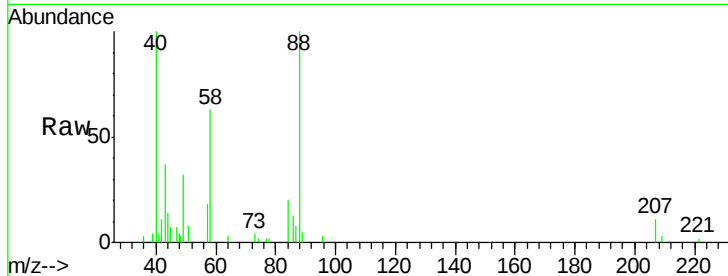
Tgt Ion: 88 Resp: 22120

Ion Ratio Lower Upper

88 100

43 40.4 48.0 72.0#

58 62.8 80.0 120.0#

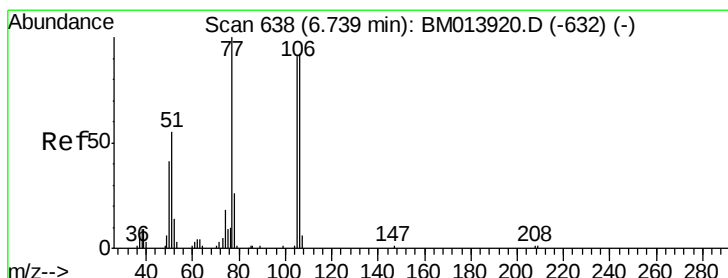
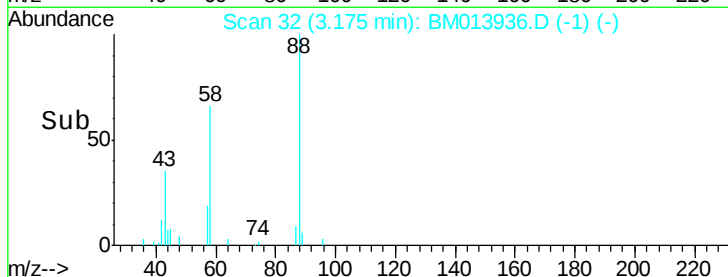


Abundance Ion 88.00 (87.70 to 88.70): BM013936.D (-1) (-)

Ion 43.00 (42.70 to 43.70): BM013936.D (-1) (-)

Ion 58.00 (57.70 to 58.70): BM013936.D (-1) (-)

Time-->



#4

Benzaldehyde

Concen: 20.71 ng/uL

RT: 6.73 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM013936.D

Acq: 28 Jan 2018 23:26

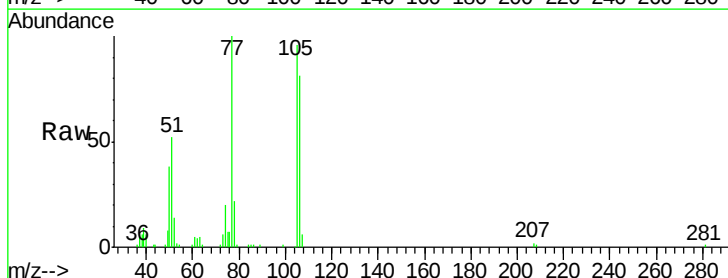
Tgt Ion: 77 Resp: 123881

Ion Ratio Lower Upper

77 100

105 96.2 66.1 99.1

106 80.7 67.8 101.6

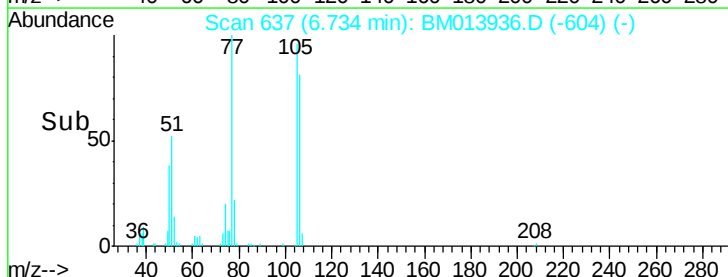


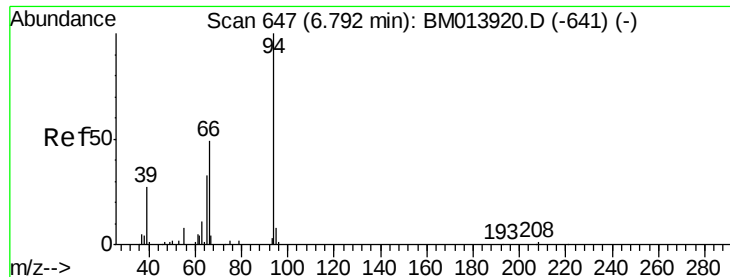
Abundance Ion 77.00 (76.70 to 77.70): BM013936.D (-604) (-)

Ion 105.00 (104.70 to 105.70): BM013936.D (-604) (-)

Ion 106.00 (105.70 to 106.70): BM013936.D (-604) (-)

Time-->





#6

Phenol

Concen: 17.78 ng/ul

RT: 6.79 min Scan# 647

Delta R.T. -0.00 min

Lab File: BM013936.D

Acq: 28 Jan 2018 23:26

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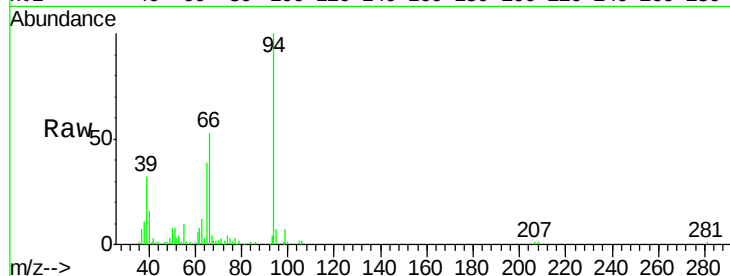
Tgt Ion: 94 Resp: 154081

Ion Ratio Lower Upper

94 100

65 38.6 28.2 42.4

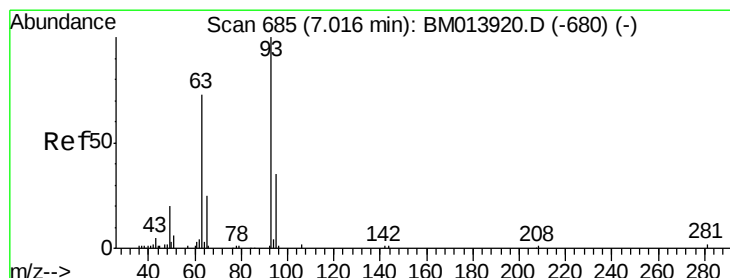
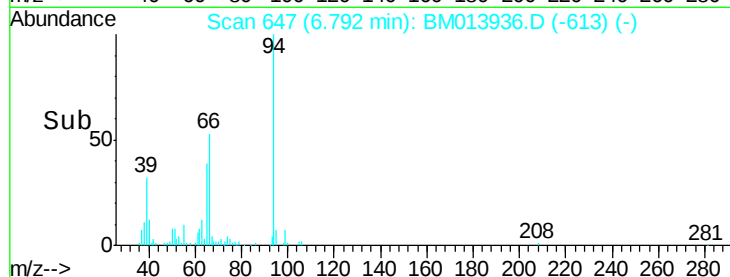
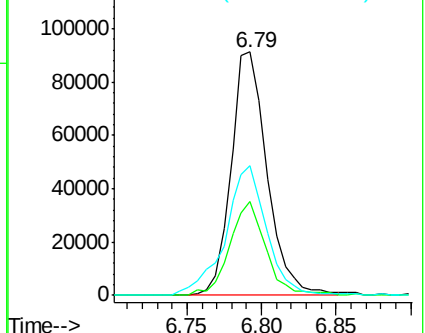
66 53.0 47.2 70.8



Abundance Ion 94.00 (93.70 to 94.70): BM013936.D (-613) (-)

Ion 65.00 (64.70 to 65.70): BM013936.D (-613) (-)

Ion 66.00 (65.70 to 66.70): BM013936.D (-613) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 17.65 ng/ul

RT: 7.02 min Scan# 685

Delta R.T. -0.00 min

Lab File: BM013936.D

Acq: 28 Jan 2018 23:26

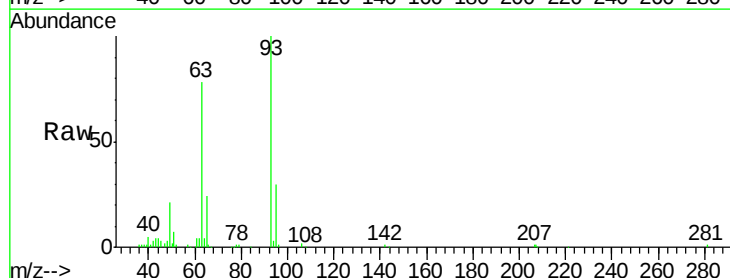
Tgt Ion: 93 Resp: 119686

Ion Ratio Lower Upper

93 100

63 78.2 57.3 85.9

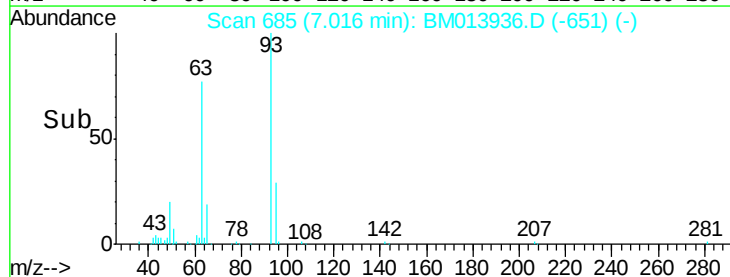
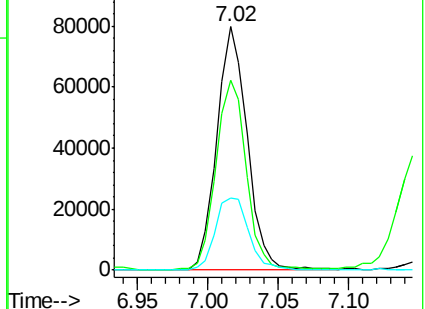
95 29.8 26.6 39.8

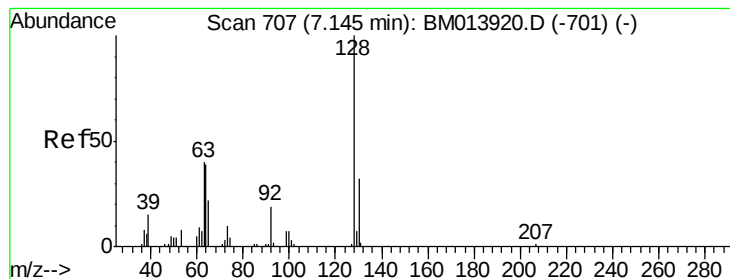


Abundance Ion 93.00 (92.70 to 93.70): BM013936.D (-651) (-)

Ion 63.00 (62.70 to 63.70): BM013936.D (-651) (-)

Ion 95.00 (94.70 to 95.70): BM013936.D (-651) (-)





#10

2-Chlorophenol

Concen: 18.71 ng/ul

RT: 7.15 min Scan# 707

Delta R.T. -0.00 min

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Acq: 28 Jan 2018 23:26

Instrument :

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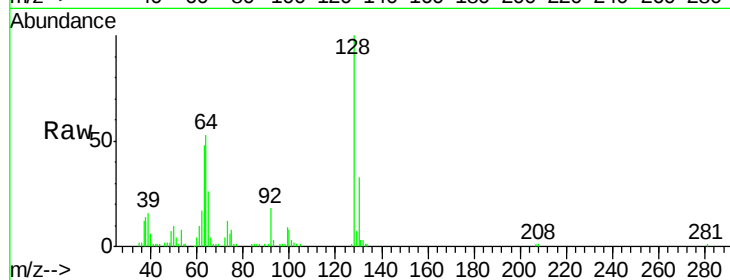
Tgt Ion:128 Resp: 131327

Ion Ratio Lower Upper

128 100

64 53.0 38.0 57.0

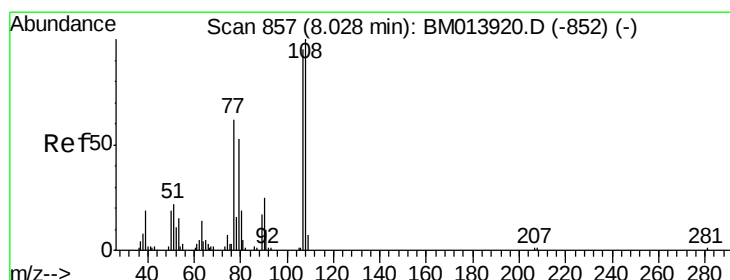
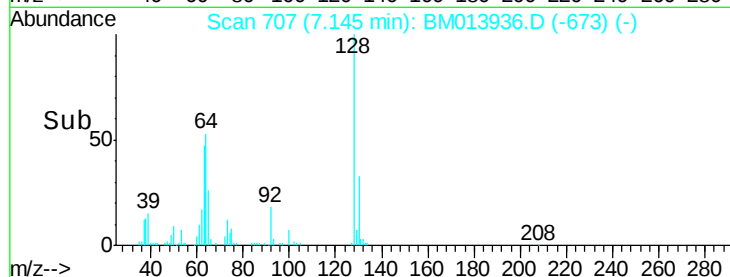
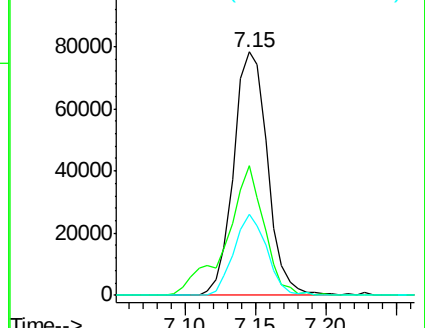
130 33.4 24.4 36.6



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: 18.05 ng/ul

RT: 8.03 min Scan# 857

Delta R.T. -0.00 min

Lab File: BM013936.D

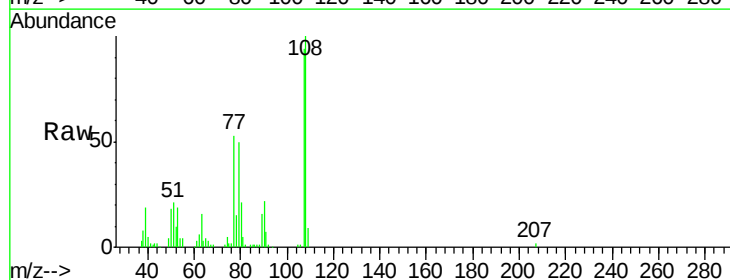
Acq: 28 Jan 2018 23:26

Tgt Ion:108 Resp: 115349

Ion Ratio Lower Upper

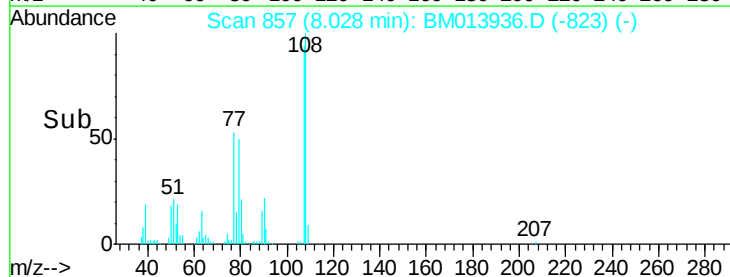
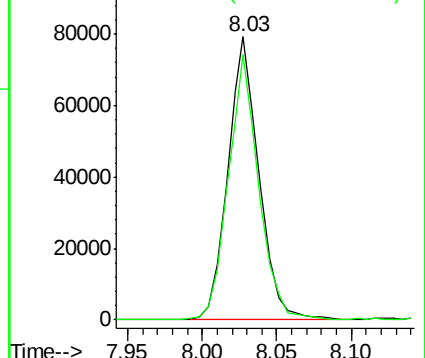
108 100

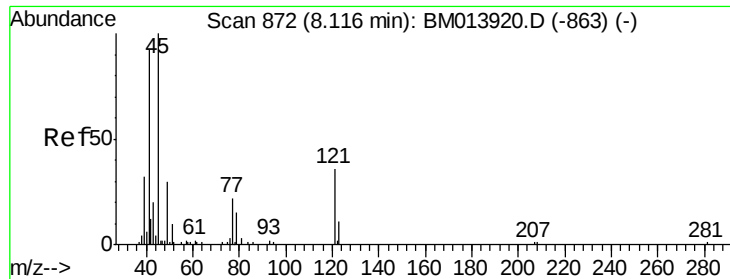
107 94.0 72.6 108.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

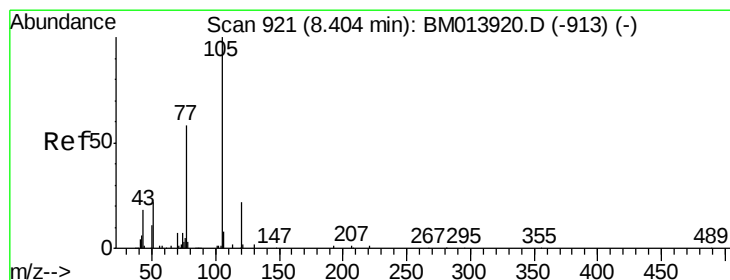
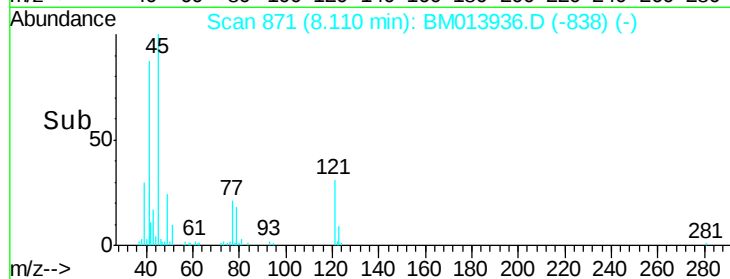
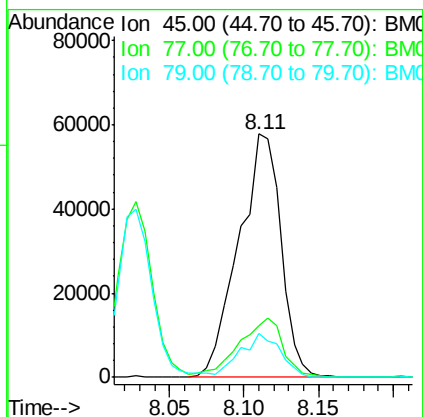
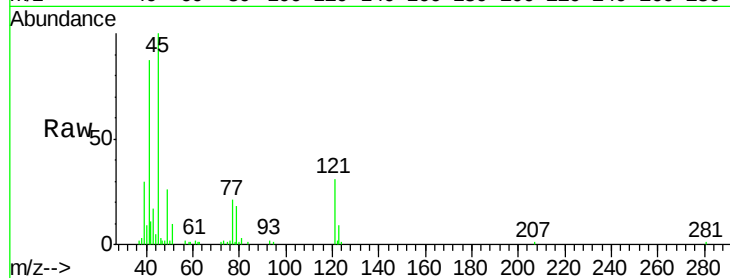




#12
2,2'-oxybis(1-Chloropropane)
Concen: 16.45 ng/ul
RT: 8.11 min Scan# 871
Delta R.T. -0.01 min
Lab File: BM013936.D
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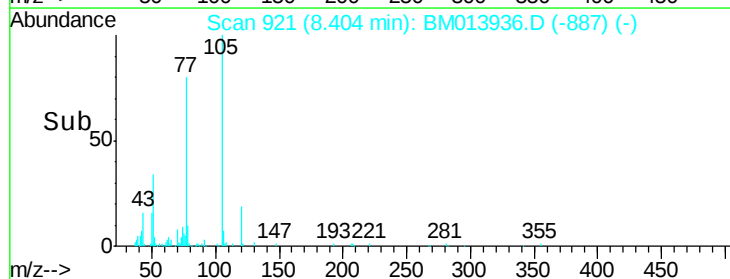
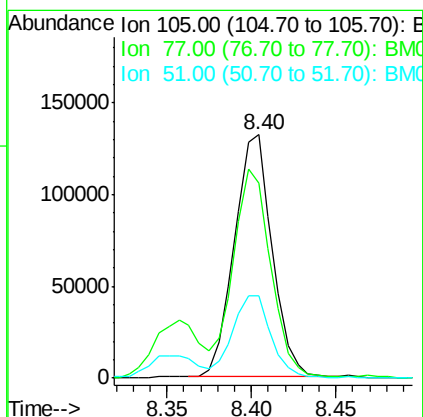
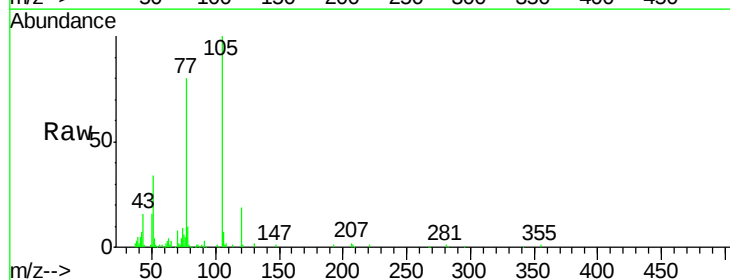
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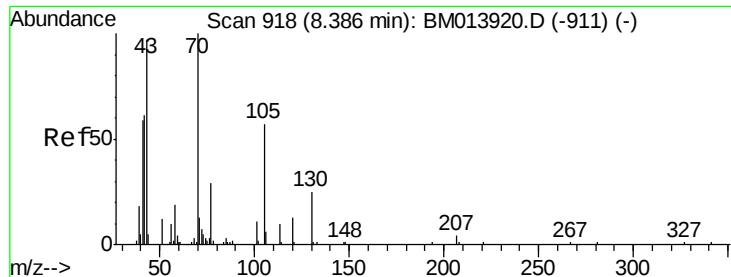
Tgt Ion: 45 Resp: 113540
Ion Ratio Lower Upper
45 100
77 21.3 8.0 12.0#
79 18.0 8.0 12.0#



#14
Acetophenone
Concen: 18.66 ng/ul
RT: 8.40 min Scan# 921
Delta R.T. -0.00 min
Lab File: BM013936.D
Acq: 28 Jan 2018 23:26

Tgt Ion: 105 Resp: 205140
Ion Ratio Lower Upper
105 100
77 79.9 74.2 111.4
51 34.0 23.4 35.2

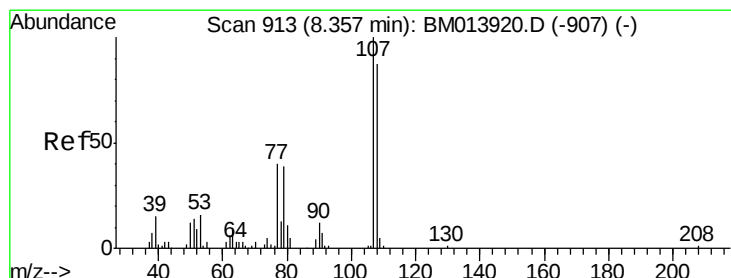
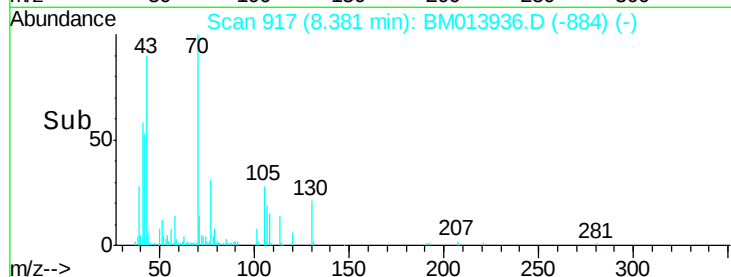
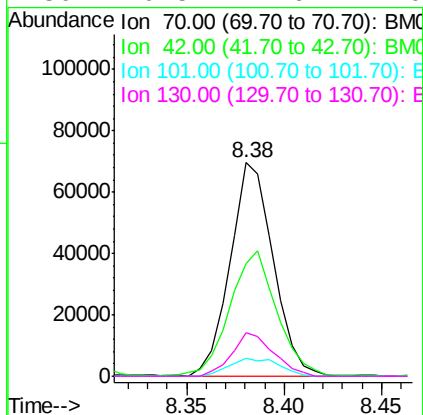
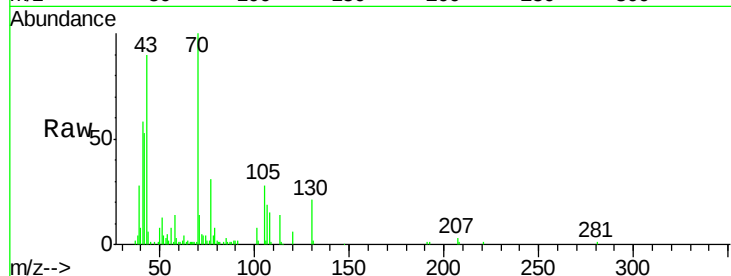




#15
N-Nitroso-di-n-propylamine
Concen: 19.86 ng/ul
RT: 8.38 min Scan# 917
Delta R.T. -0.01 min
Lab File: BM013936.D
Acq: 28 Jan 2018 23:26

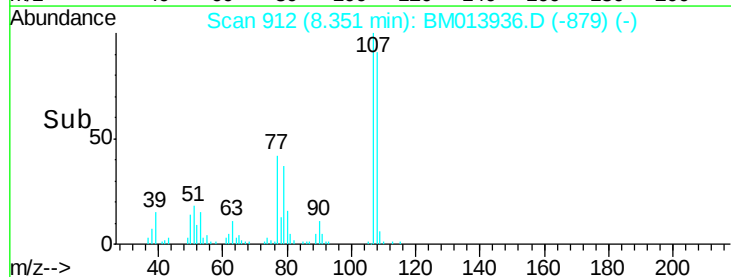
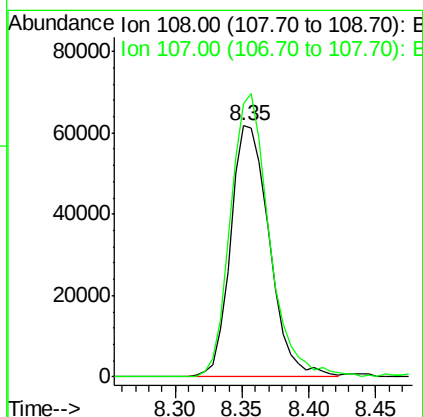
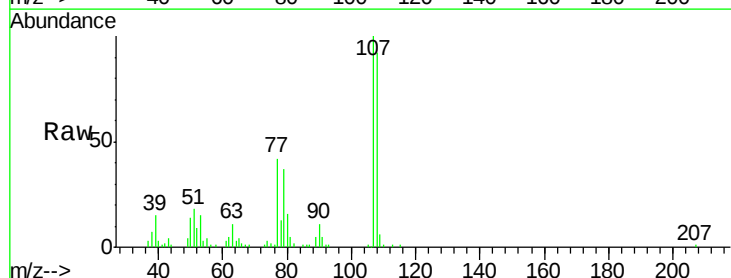
Instrument :
BNA_M
ClientSampleId :
SSTD02004

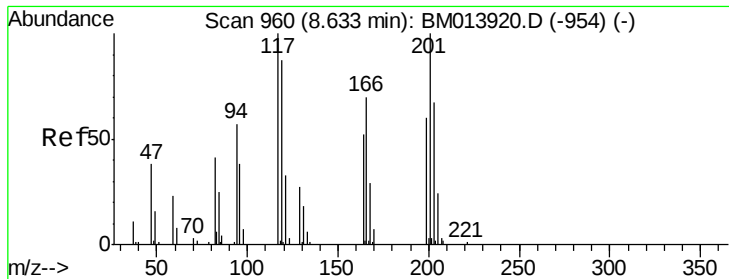
Tgt Ion: 70 Resp: 106517
Ion Ratio Lower Upper
70 100
42 52.8 76.0 114.0#
101 8.5 6.7 10.1
130 20.5 14.6 22.0



#16
4-Methylphenol
Concen: 18.23 ng/ul
RT: 8.35 min Scan# 912
Delta R.T. -0.01 min
Lab File: BM013936.D
Acq: 28 Jan 2018 23:26

Tgt Ion: 108 Resp: 124565
Ion Ratio Lower Upper
108 100
107 108.7 84.9 127.3





#17

Hexachloroethane

Concen: 19.00 ng/ul

RT: 8.63 min Scan# 960

Delta R.T. -0.00 min

Lab File: BM013936.D

Acq: 28 Jan 2018 23:26

Instrument :

BNA_M

ClientSampleId :

SSTD02004

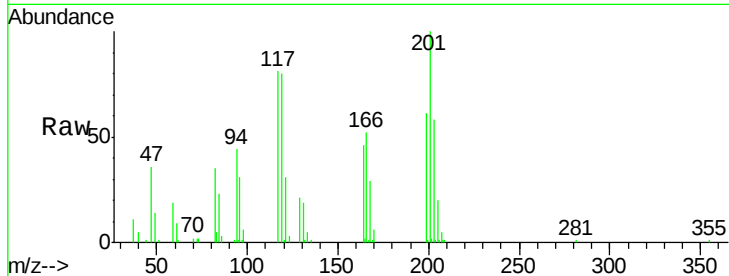
Tgt Ion:117 Resp: 64912

Ion Ratio Lower Upper

117 100

201 122.8 111.6 167.4

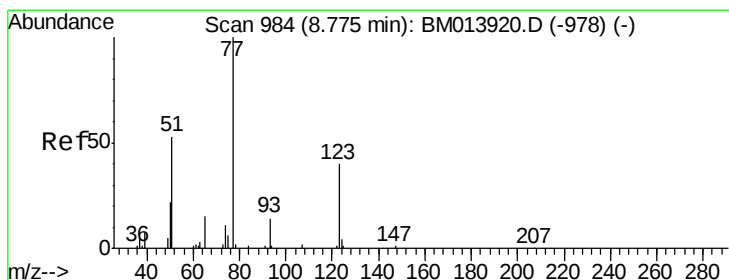
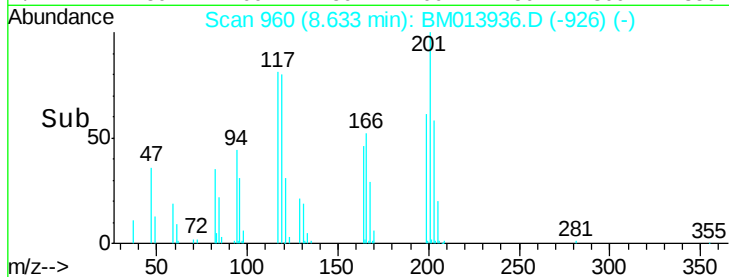
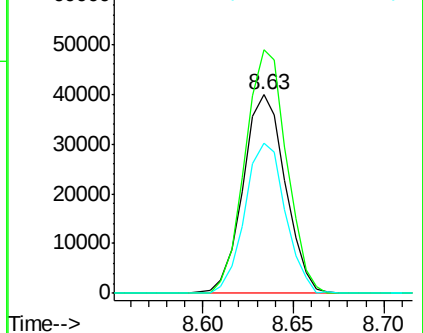
199 76.9 67.8 101.6



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: 19.19 ng/ul

RT: 8.77 min Scan# 984

Delta R.T. -0.00 min

Lab File: BM013936.D

Acq: 28 Jan 2018 23:26

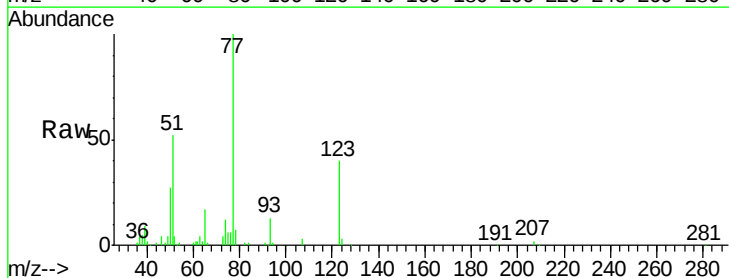
Tgt Ion: 77 Resp: 171504

Ion Ratio Lower Upper

77 100

123 40.3 31.0 46.6

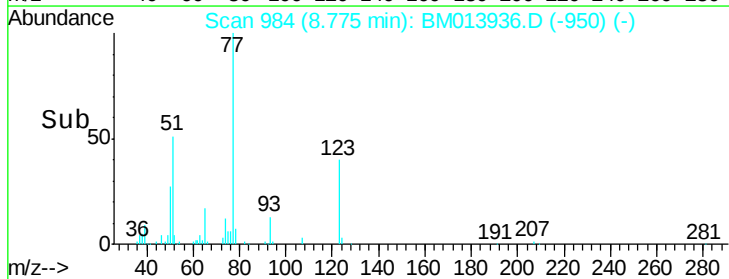
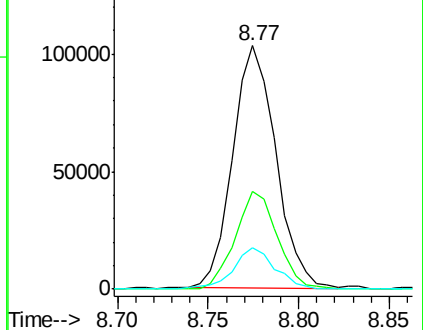
65 16.8 12.2 18.2

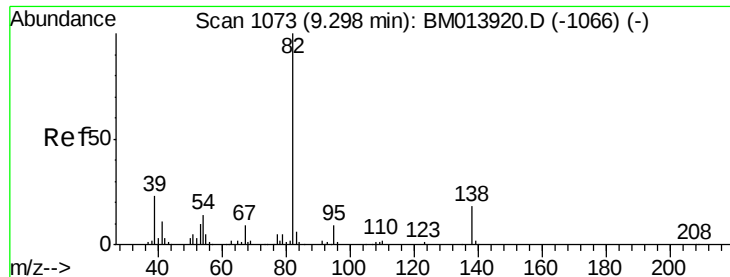


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 18.53 ng/ul

RT: 9.30 min Scan# 1073

Delta R.T. -0.00 min

Lab File: BM013936.D

Acq: 28 Jan 2018 23:26

Instrument :

BNA_M

ClientSampleId :

SSTD02004

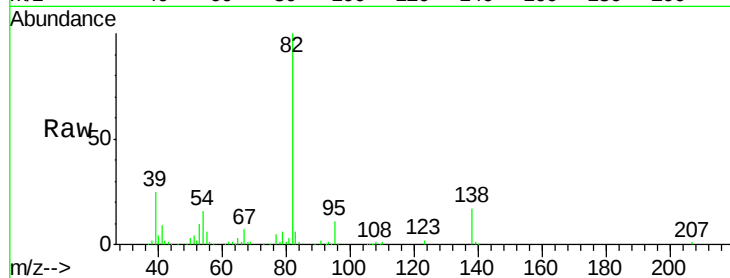
Tgt Ion: 82 Resp: 267476

Ion Ratio Lower Upper

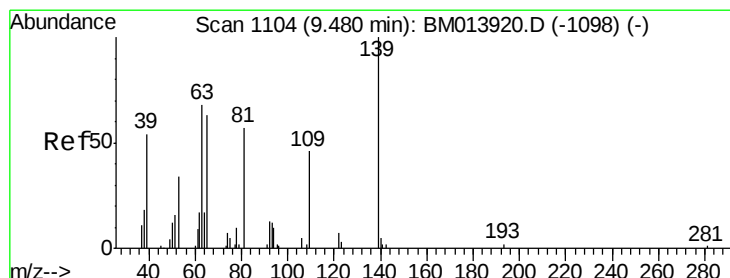
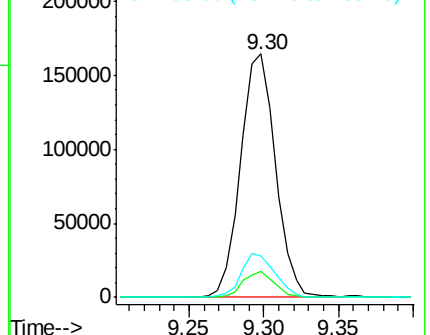
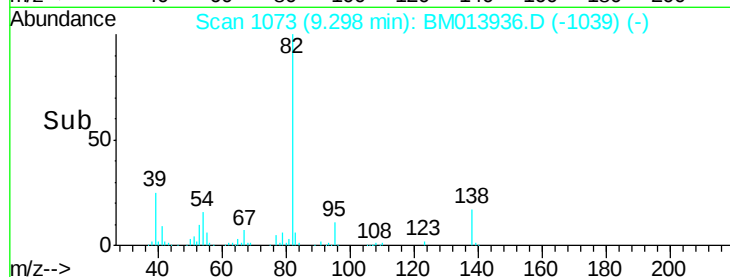
82 100

95 10.8 7.8 11.8

138 17.1 11.9 17.9



Abundance Ion 82.00 (81.70 to 82.70): BM013936.D (-1039) (-)



#23

2-Nitrophenol

Concen: 19.08 ng/ul

RT: 9.48 min Scan# 1104

Delta R.T. -0.00 min

Lab File: BM013936.D

Acq: 28 Jan 2018 23:26

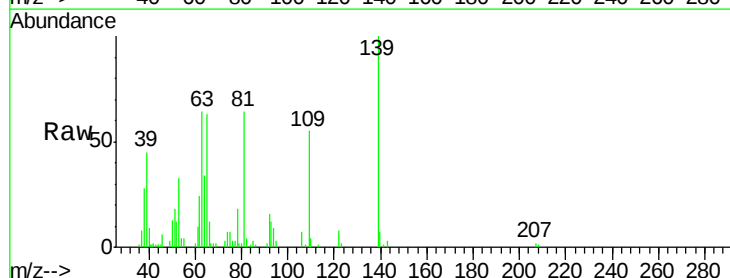
Tgt Ion: 139 Resp: 72690

Ion Ratio Lower Upper

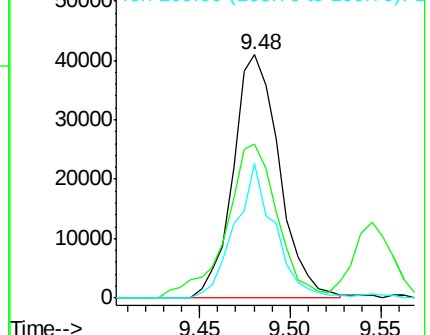
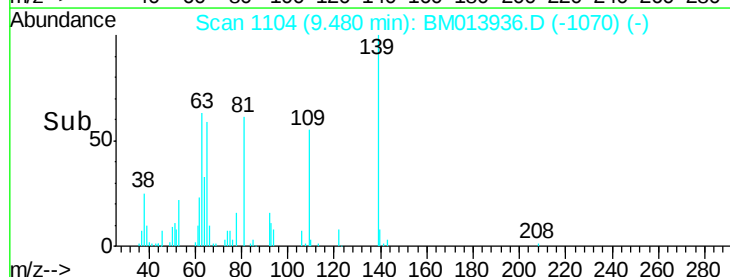
139 100

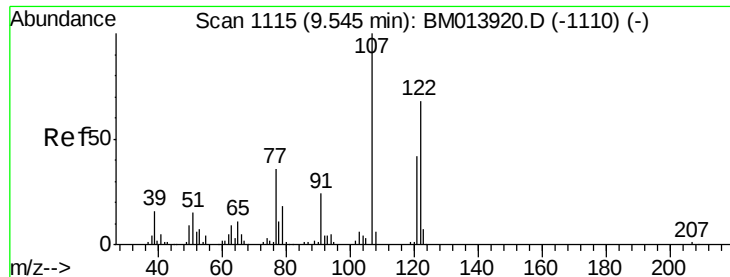
65 63.4 55.4 83.0

109 55.3 42.2 63.2



Abundance Ion 139.00 (138.70 to 139.70): BM013936.D (-1070) (-)





#24

2,4-Dimethylphenol

Concen: 19.30 ng/ul

RT: 9.55 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BM013936.D

Acq: 28 Jan 2018 23:26

Instrument :

BNA_M

ClientSampleId :

SSTD02004

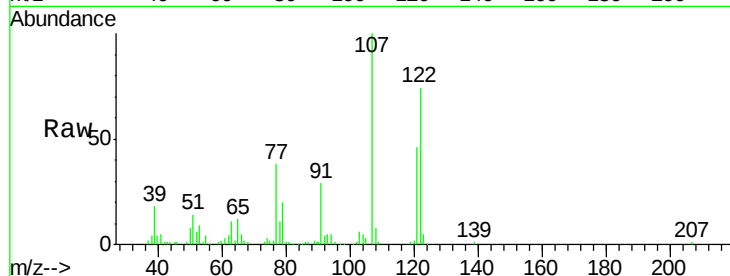
Tgt Ion: 107 Resp: 155015

Ion Ratio Lower Upper

107 100

121 45.7 31.9 47.9

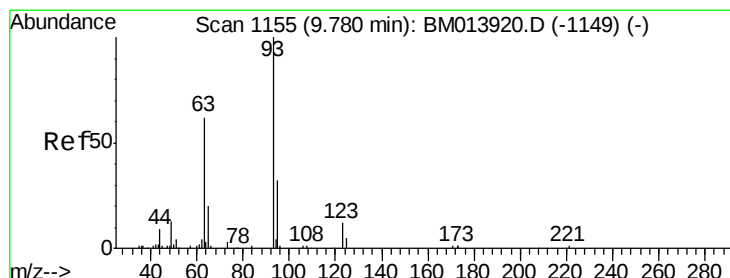
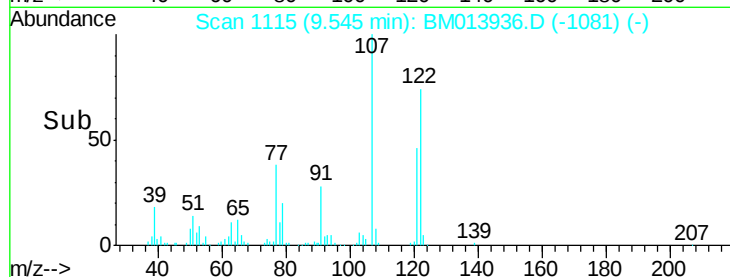
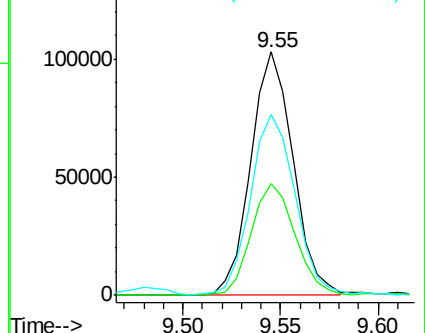
122 74.2 57.8 86.6



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 18.37 ng/ul

RT: 9.78 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BM013936.D

Acq: 28 Jan 2018 23:26

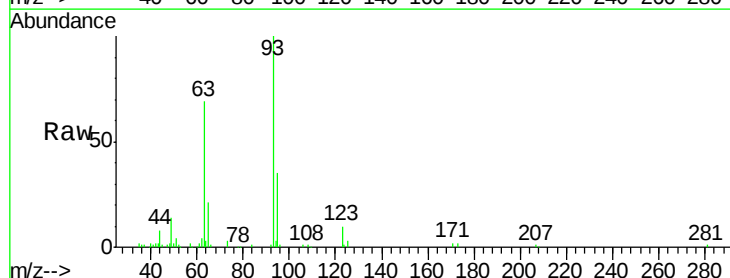
Tgt Ion: 93 Resp: 161664

Ion Ratio Lower Upper

93 100

95 34.5 28.5 42.7

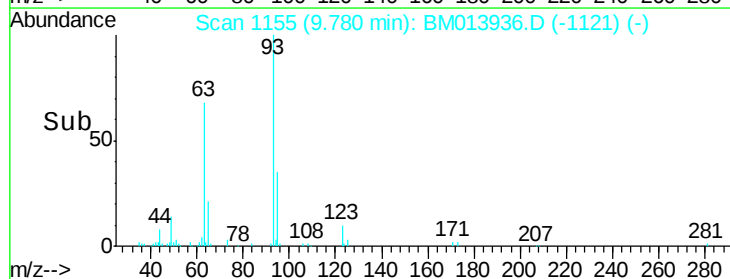
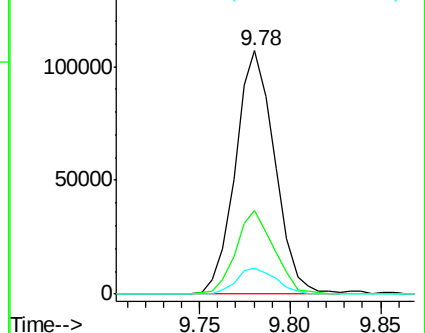
123 10.5 8.9 13.3

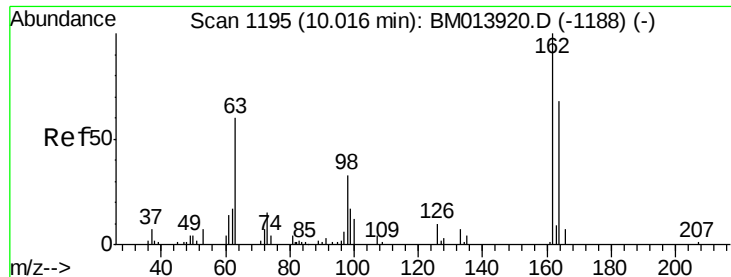


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

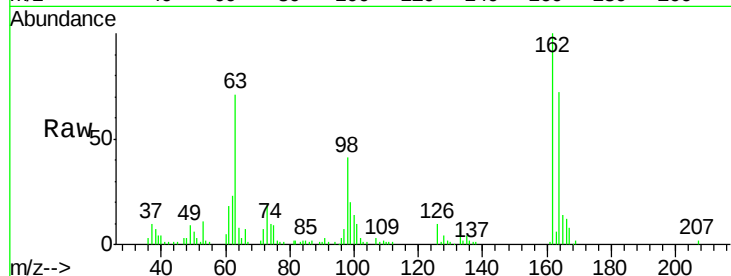




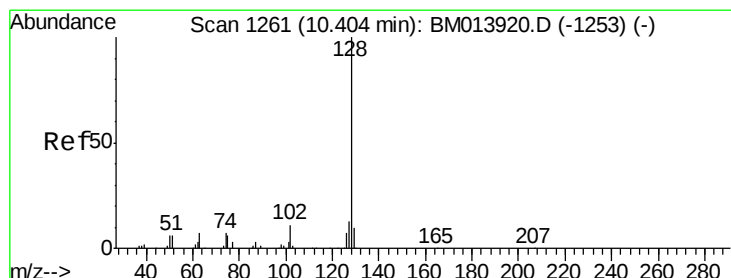
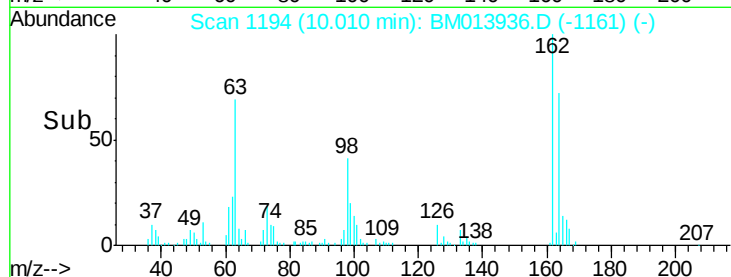
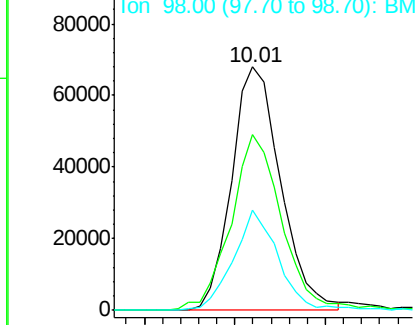
#27
2,4-Dichlorophenol
Concen: 18.81 ng/ul
RT: 10.01 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BM013936.D
Acq: 28 Jan 2018 23:26

Instrument :
BNA_M
ClientSampleId :
SSTD02004

Tgt Ion:162 Resp: 127984
Ion Ratio Lower Upper
162 100
164 72.4 47.8 71.6#
98 41.4 23.0 34.4#

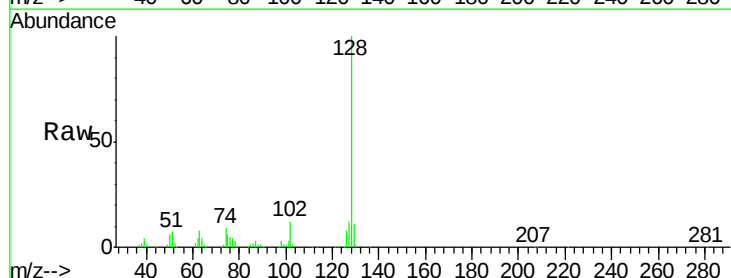


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BMC

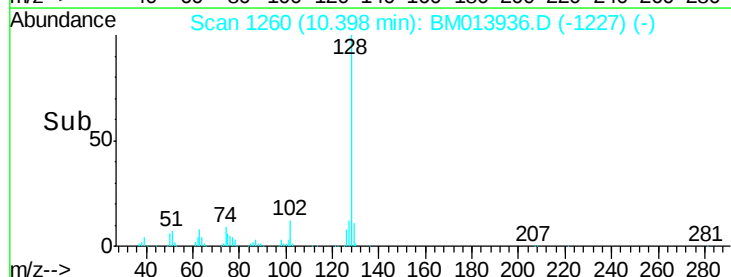
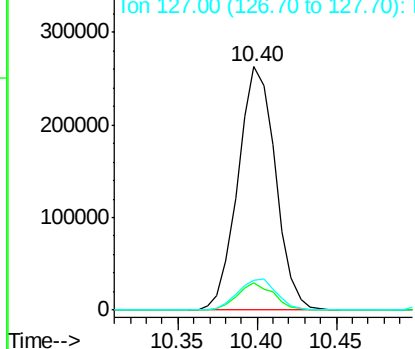


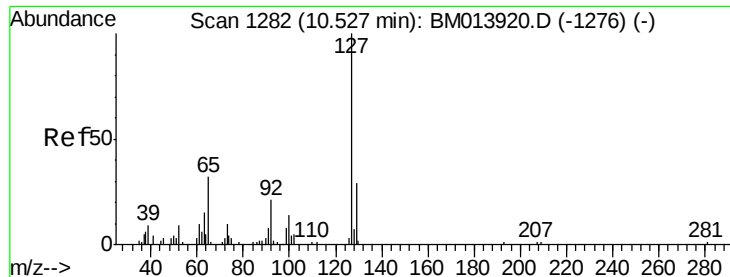
#28
Naphthalene
Concen: 19.47 ng/ul
RT: 10.40 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BM013936.D
Acq: 28 Jan 2018 23:26

Tgt Ion:128 Resp: 431716
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 12.3 10.6 16.0



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

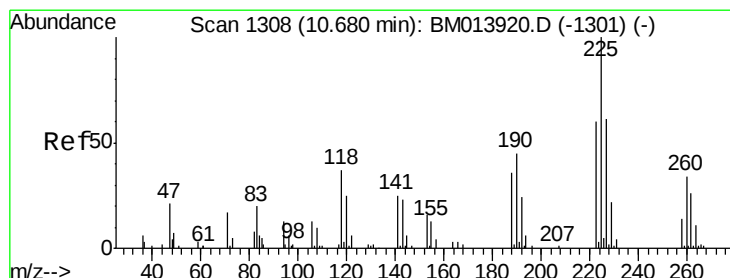
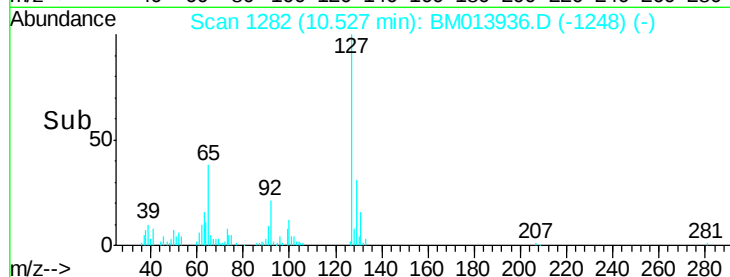
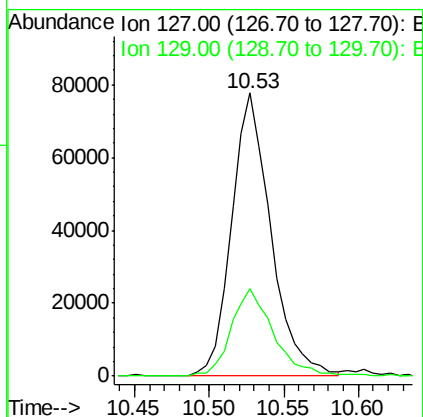
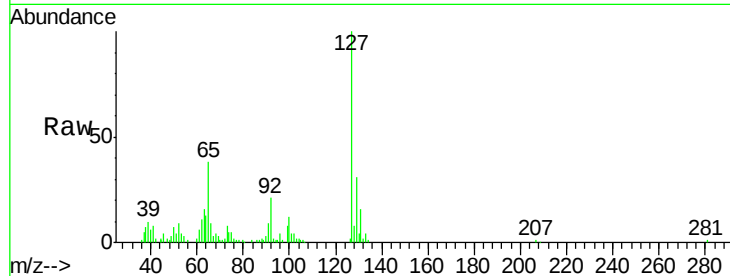




#30
4-Chloroaniline
Concen: 23.47 ng/ul
RT: 10.53 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BM013936.D
Acq: 28 Jan 2018 23:26

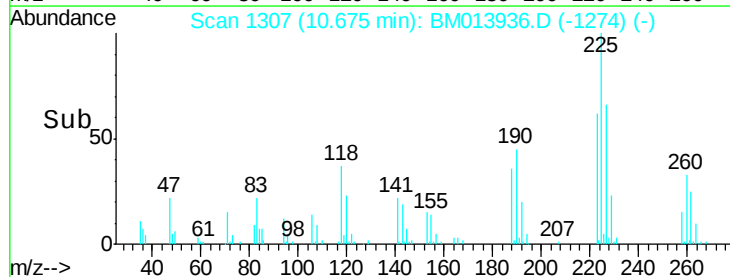
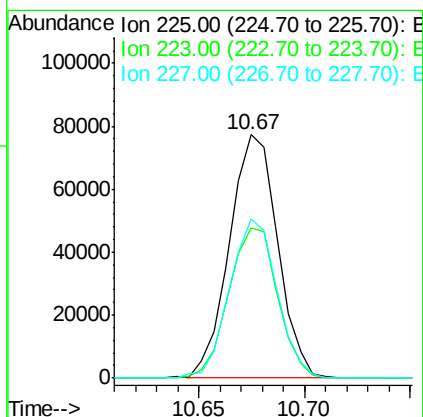
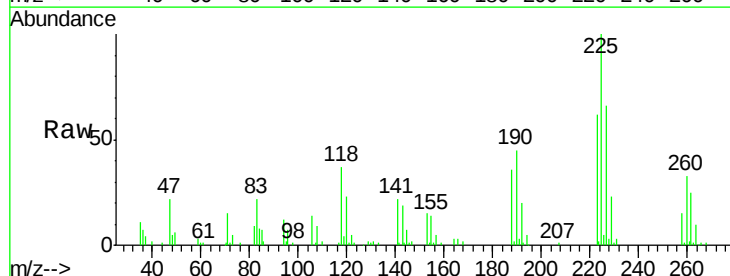
Instrument :
BNA_M
ClientSampleId :
SSTD02004

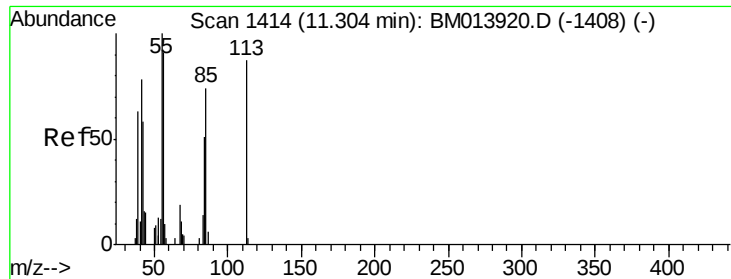
Tgt Ion:127 Resp: 142568
Ion Ratio Lower Upper
127 100
129 31.1 28.4 42.6



#31
Hexachlorobutadiene
Concen: 21.90 ng/ul
RT: 10.67 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BM013936.D
Acq: 28 Jan 2018 23:26

Tgt Ion:225 Resp: 122317
Ion Ratio Lower Upper
225 100
223 61.6 49.4 74.2
227 68.6 45.4 68.2#





#32

Caprolactam

Concen: 17.04 ng/ul

RT: 11.31 min Scan# 1415

Delta R.T. 0.01 min

Lab File: BM013936.D

Acq: 28 Jan 2018 23:26

Instrument :

BNA_M

ClientSampleId :

SSTD02004

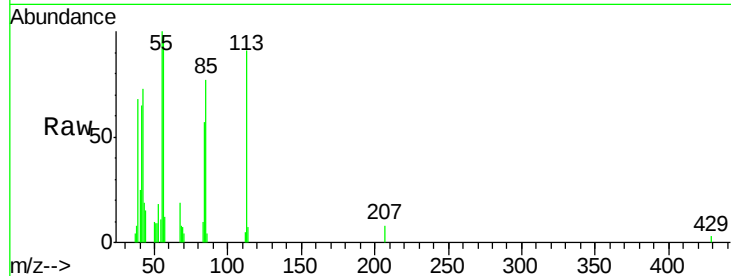
Tgt Ion:113 Resp: 32261

Ion Ratio Lower Upper

113 100

55 110.4 208.0 312.0#

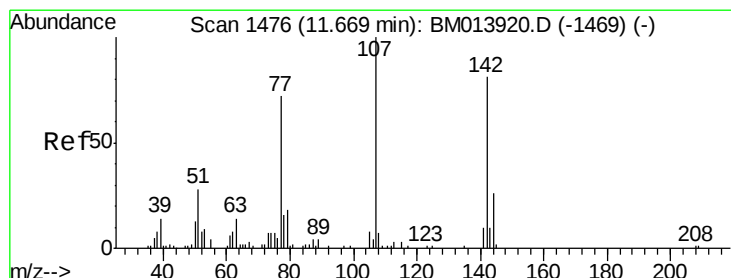
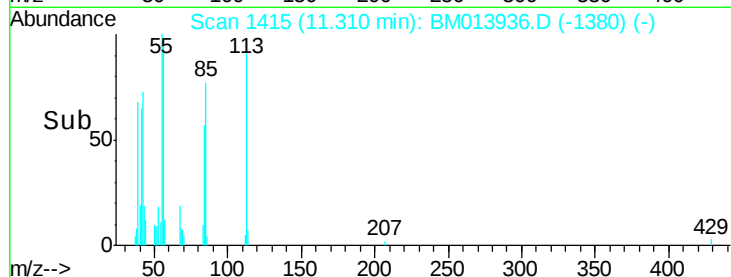
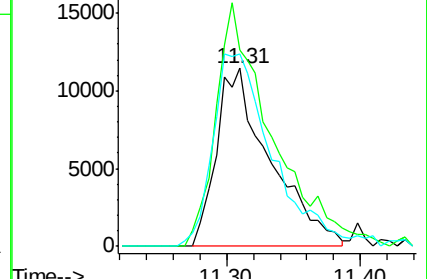
56 108.1 160.0 240.0#



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: 19.38 ng/ul

RT: 11.66 min Scan# 1475

Delta R.T. -0.01 min

Lab File: BM013936.D

Acq: 28 Jan 2018 23:26

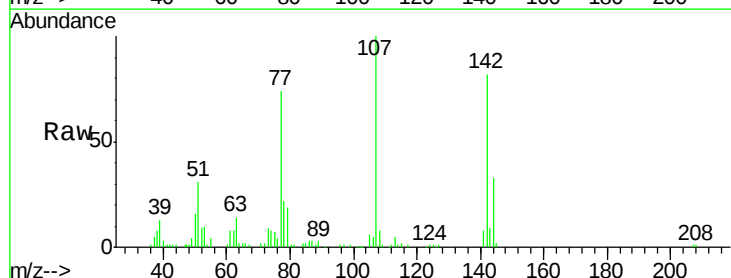
Tgt Ion:107 Resp: 133702

Ion Ratio Lower Upper

107 100

144 33.3 20.4 30.6#

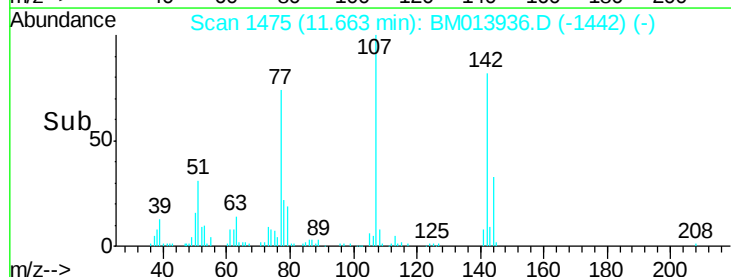
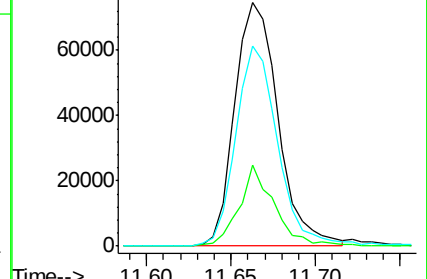
142 82.3 60.5 90.7

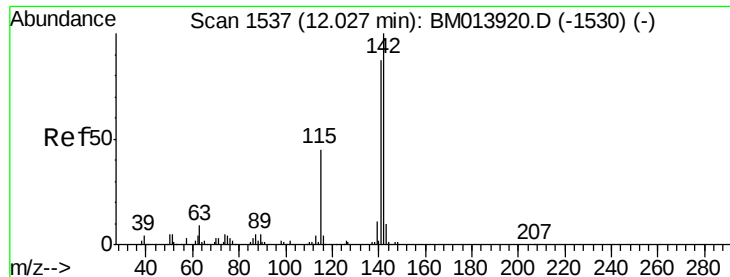


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

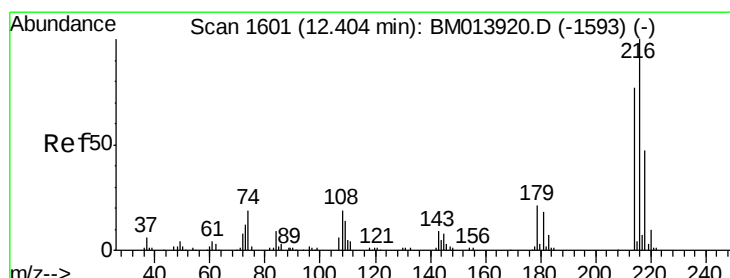
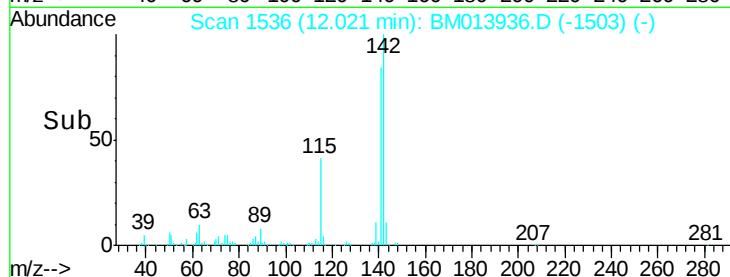
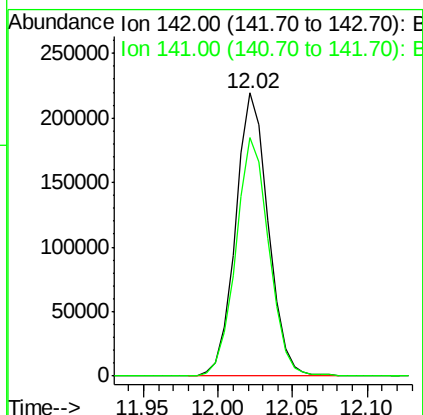
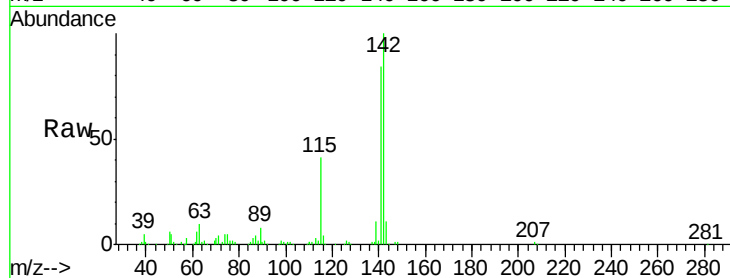




#34
2-Methylnaphthalene
Concen: 20.18 ng/u1
RT: 12.02 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BM013936.D
Acq: 28 Jan 2018 23:26

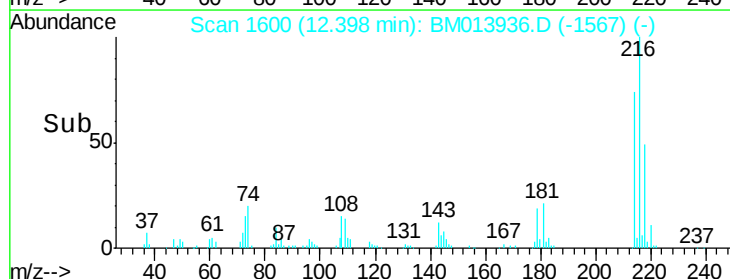
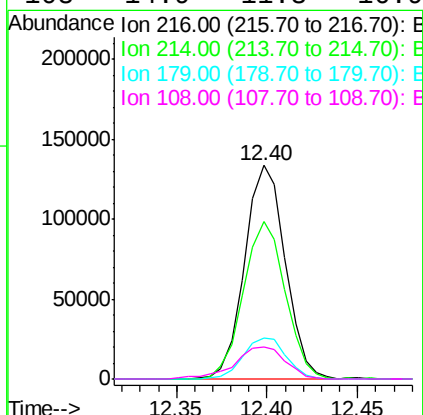
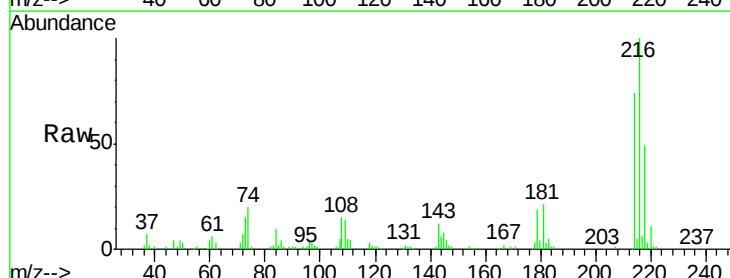
Instrument :
BNA_M
ClientSampleId :
SSTD02004

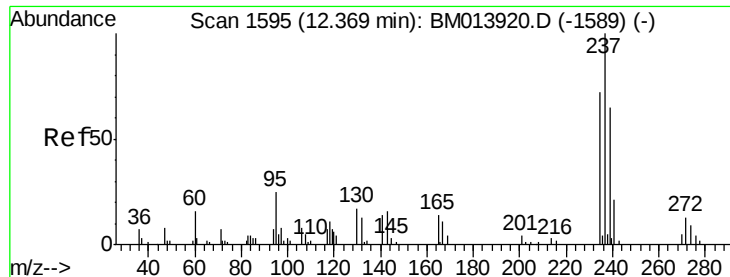
Tgt Ion:142 Resp: 333583
Ion Ratio Lower Upper
142 100
141 84.2 74.1 111.1



#36
1,2,4,5-Tetrachlorobenzene
Concen: 20.26 ng/u1
RT: 12.40 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BM013936.D
Acq: 28 Jan 2018 23:26

Tgt Ion:216 Resp: 208769
Ion Ratio Lower Upper
216 100
214 73.5 60.6 90.8
179 19.3 17.5 26.3
108 14.9 11.3 16.9

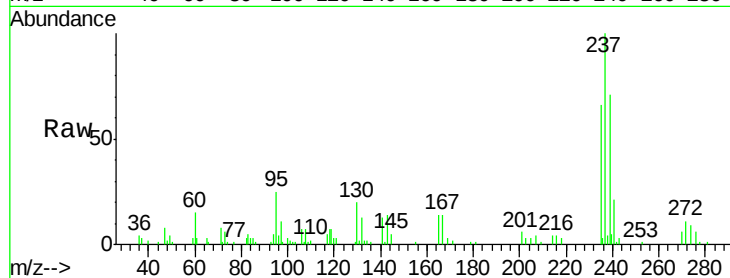




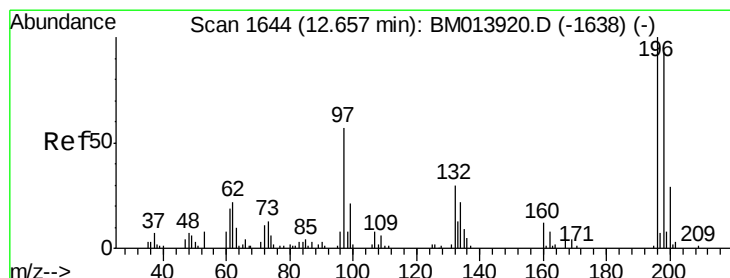
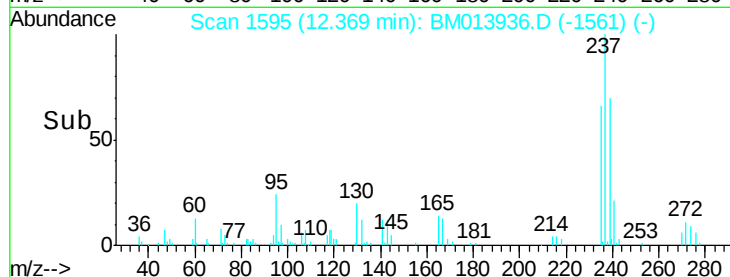
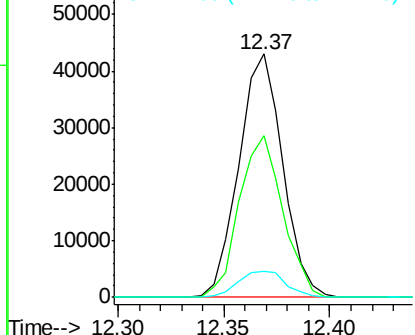
#37
Hexachlorocyclopentadiene
Concen: 14.50 ng/ul
RT: 12.37 min Scan# 1595
Delta R.T. -0.00 min
Lab File: BM013936.D
Acq: 28 Jan 2018 23:26

Instrument :
BNA_M
ClientSampleId :
SSTD02004

Tgt Ion:237 Resp: 62010
Ion Ratio Lower Upper
237 100
235 66.4 50.2 75.4
272 10.8 11.0 16.6#

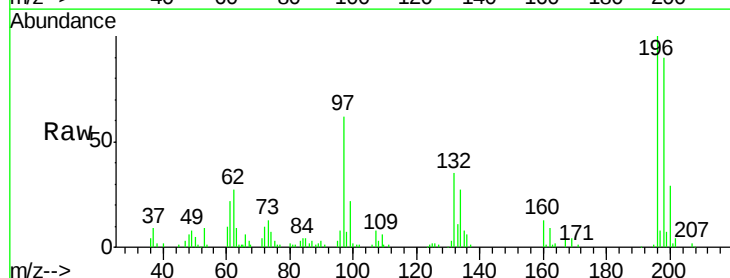


Abundance Ion 237.00 (236.70 to 237.70): E
Ion 235.00 (234.70 to 235.70): E
Ion 272.00 (271.70 to 272.70): E

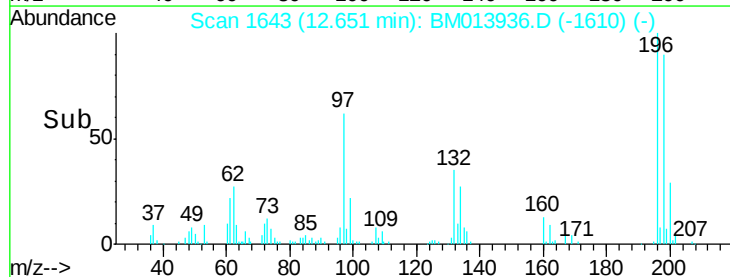
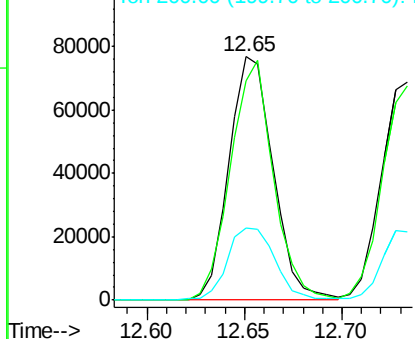


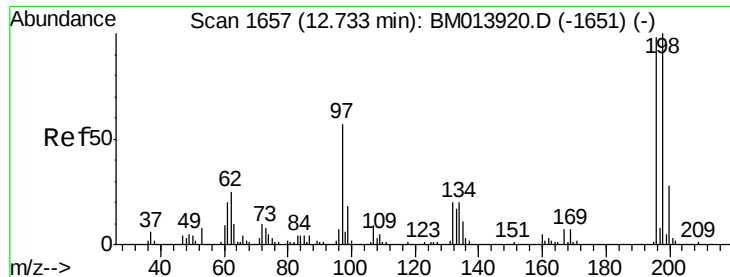
#38
2,4,6-Trichlorophenol
Concen: 20.31 ng/ul
RT: 12.65 min Scan# 1643
Delta R.T. -0.01 min
Lab File: BM013936.D
Acq: 28 Jan 2018 23:26

Tgt Ion:196 Resp: 121100
Ion Ratio Lower Upper
196 100
198 90.1 74.1 111.1
200 29.5 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

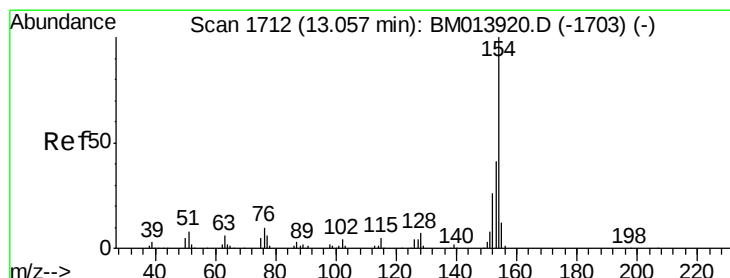
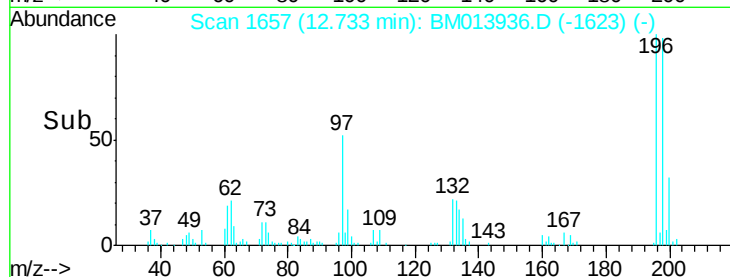
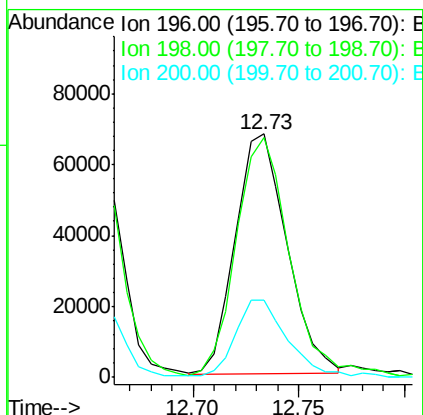
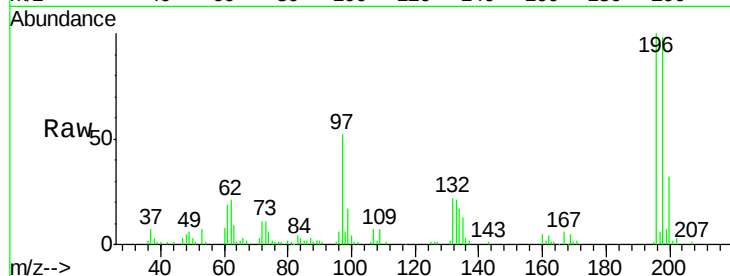




#39
 2,4,5-Trichlorophenol
 Concen: 18.59 ng/ul
 RT: 12.73 min Scan# 1657
 Delta R.T. -0.00 min
 Lab File: BM013936.D
 Acq: 28 Jan 2018 23:26

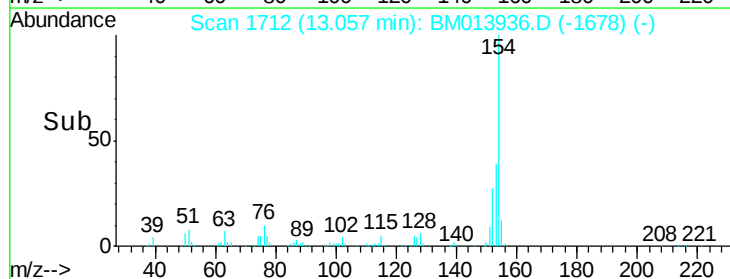
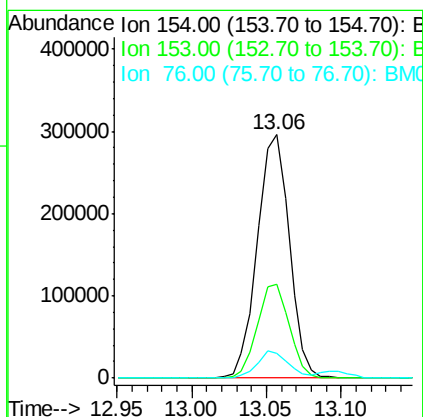
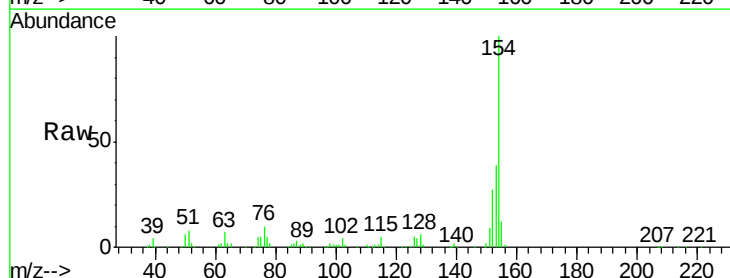
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02004

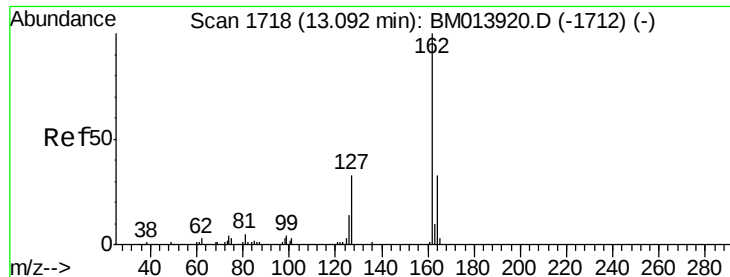
Tgt Ion:196 Resp: 115363
 Ion Ratio Lower Upper
 196 100
 198 98.5 75.6 113.4
 200 31.6 25.5 38.3



#40
 1,1'-Biphenyl
 Concen: 19.00 ng/ul
 RT: 13.06 min Scan# 1712
 Delta R.T. -0.00 min
 Lab File: BM013936.D
 Acq: 28 Jan 2018 23:26

Tgt Ion:154 Resp: 439813
 Ion Ratio Lower Upper
 154 100
 153 38.8 32.6 48.8
 76 10.3 8.5 12.7

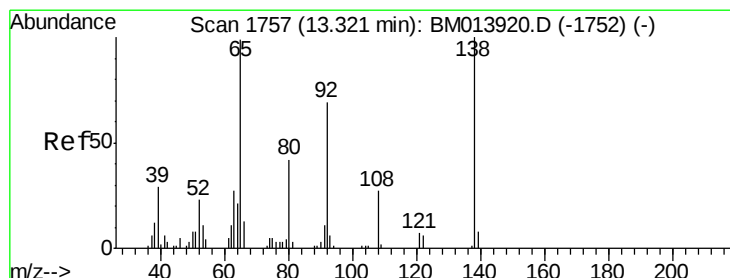
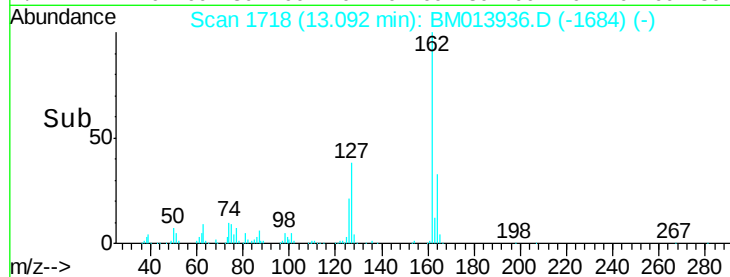
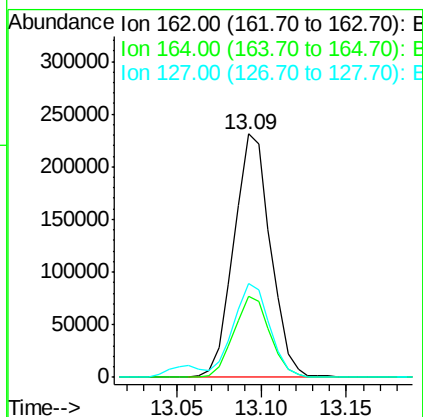
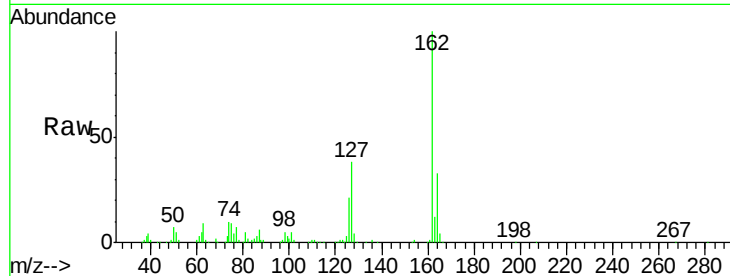




#41
2-Chloronaphthalene
Concen: 19.29 ng/ul
RT: 13.09 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BM013936.D
Acq: 28 Jan 2018 23:26

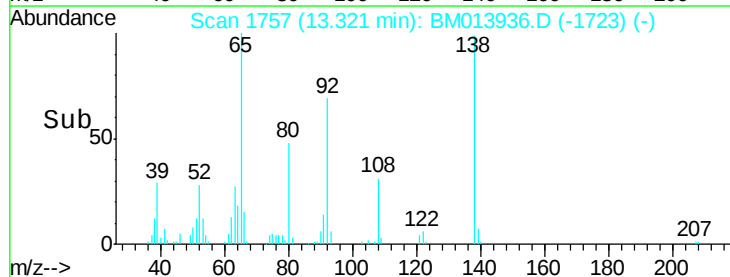
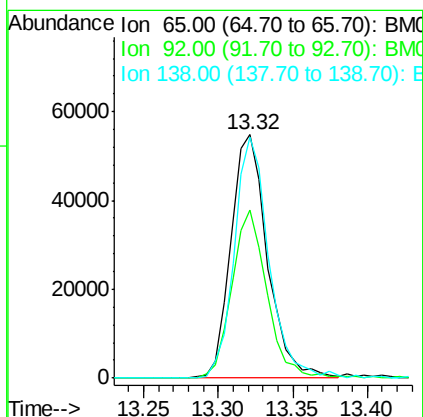
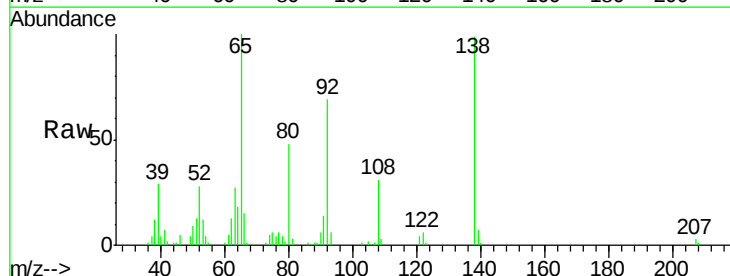
Instrument :
BNA_M
ClientSampleId :
SSTD02004

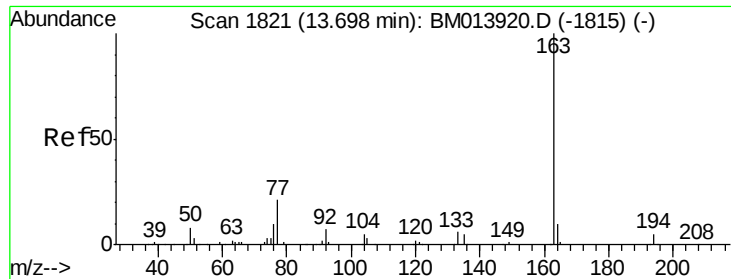
Tgt Ion	Ratio	Lower	Upper
162	100		
164	33.1	25.9	38.9
127	38.3	29.4	44.2



#42
2-Nitroaniline
Concen: 18.76 ng/ul
RT: 13.32 min Scan# 1757
Delta R.T. -0.00 min
Lab File: BM013936.D
Acq: 28 Jan 2018 23:26

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.8	51.8	77.6
138	98.8	74.2	111.4

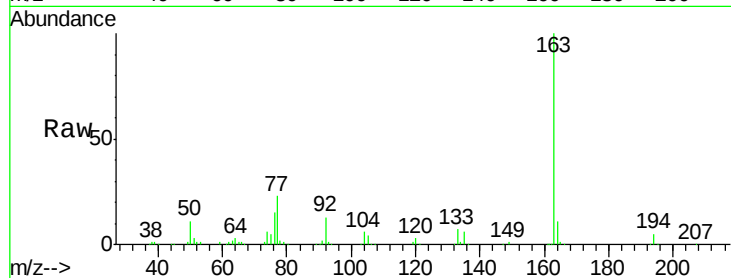




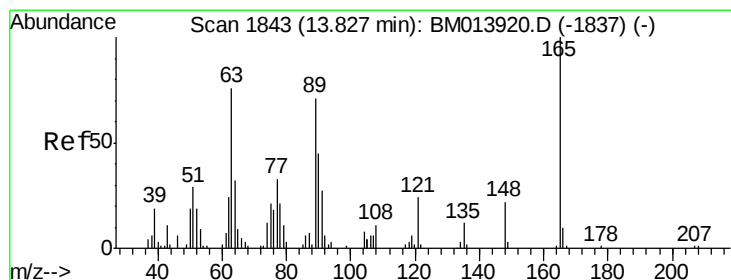
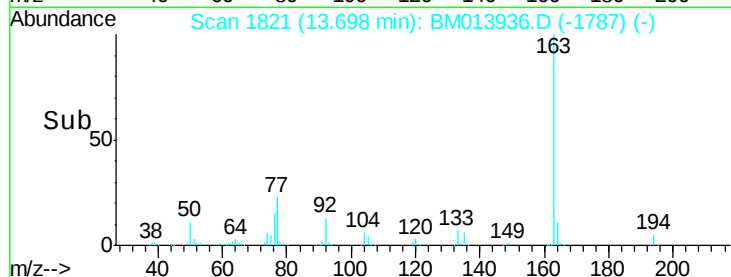
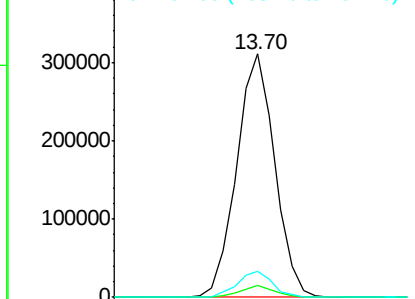
#44
Dimethylphthalate
Concen: 18.71 ng/ul
RT: 13.70 min Scan# 1821
Delta R.T. -0.00 min
Lab File: BM013936.D
Acq: 28 Jan 2018 23:26

Instrument :
BNA_M
ClientSampleId :
SSTD02004

Tgt Ion:163 Resp: 421636
Ion Ratio Lower Upper
163 100
194 4.7 3.5 5.3
164 10.8 8.2 12.4

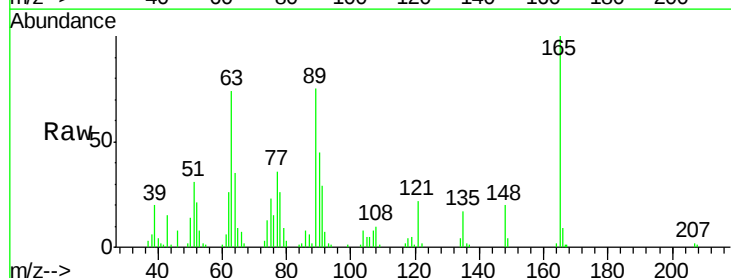


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

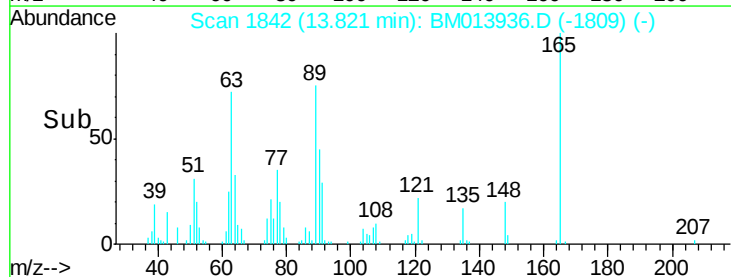
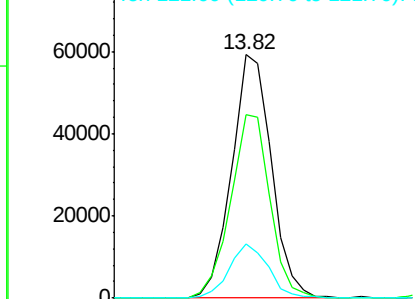


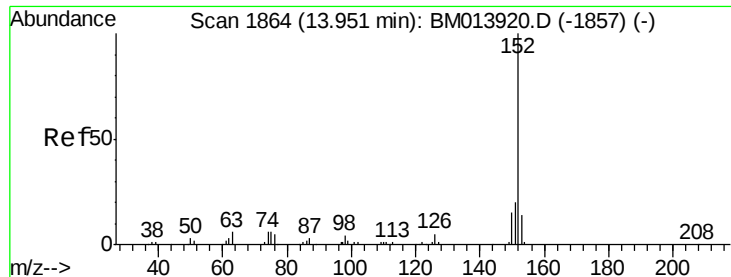
#45
2,6-Dinitrotoluene
Concen: 19.20 ng/ul
RT: 13.82 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BM013936.D
Acq: 28 Jan 2018 23:26

Tgt Ion:165 Resp: 83849
Ion Ratio Lower Upper
165 100
89 75.5 52.6 79.0
121 22.2 14.6 22.0#



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: 18.77 ng/ul

RT: 13.94 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BM013936.D

Acq: 28 Jan 2018 23:26

Instrument :

BNA_M

ClientSampleId :

SSTD02004

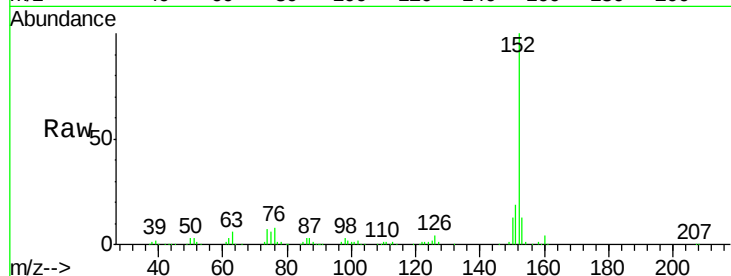
Tgt Ion:152 Resp: 501919

Ion Ratio Lower Upper

152 100

151 18.6 16.3 24.5

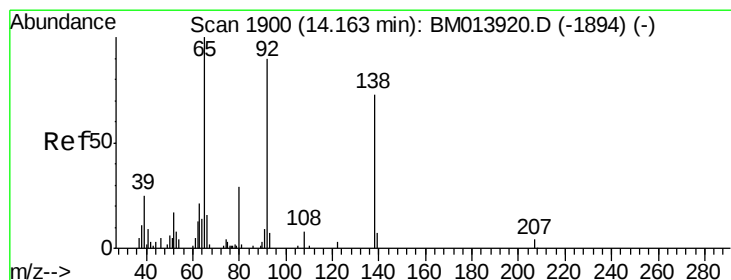
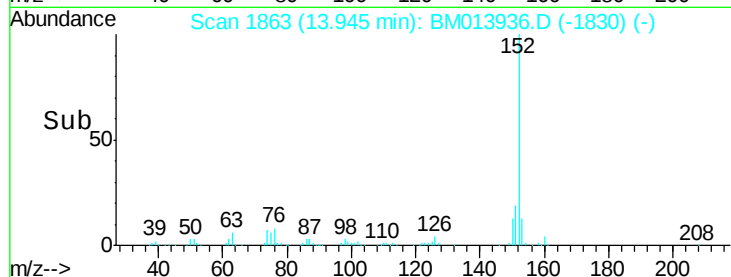
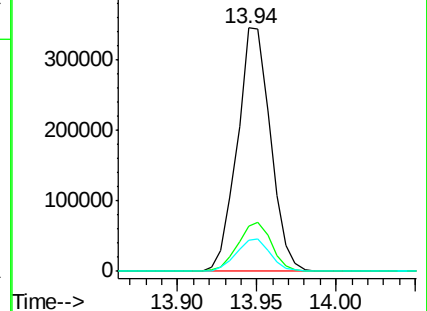
153 12.8 10.2 15.4



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: 19.50 ng/ul

RT: 14.16 min Scan# 1900

Delta R.T. -0.00 min

Lab File: BM013936.D

Acq: 28 Jan 2018 23:26

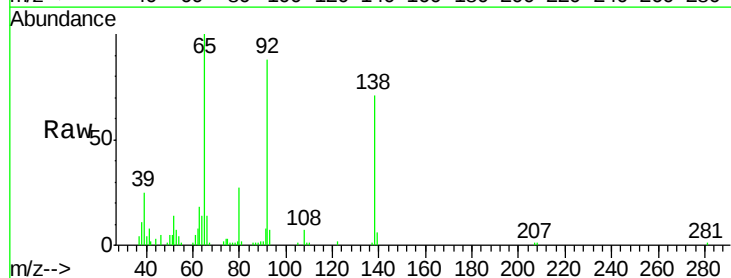
Tgt Ion:138 Resp: 66974

Ion Ratio Lower Upper

138 100

108 10.2 9.9 14.9

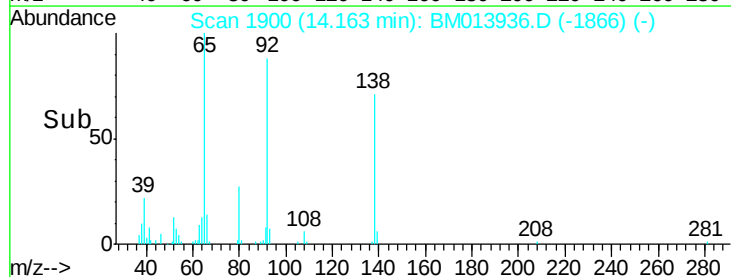
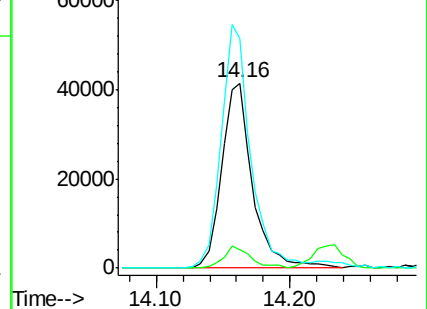
92 124.3 105.0 157.4

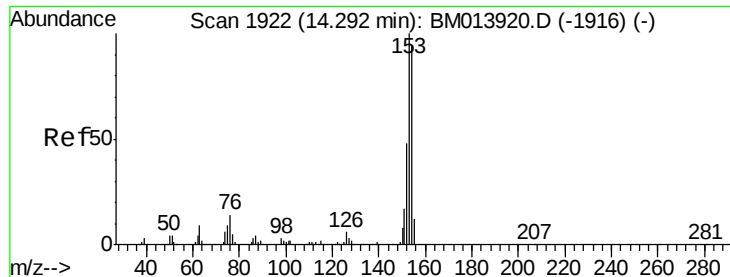


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 19.03 ng/ul

RT: 14.29 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BM013936.D

Acq: 28 Jan 2018 23:26

Instrument :

BNA_M

ClientSampleId :

SSTD02004

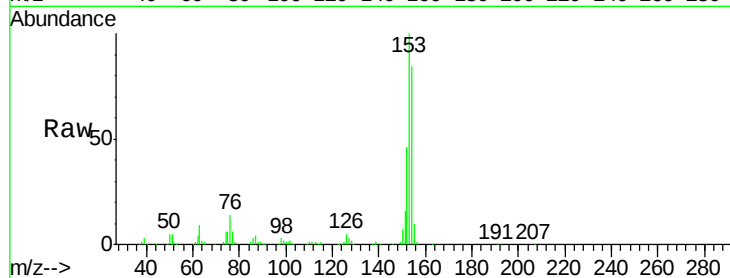
Tgt Ion:153 Resp: 352472

Ion Ratio Lower Upper

153 100

152 45.7 37.6 56.4

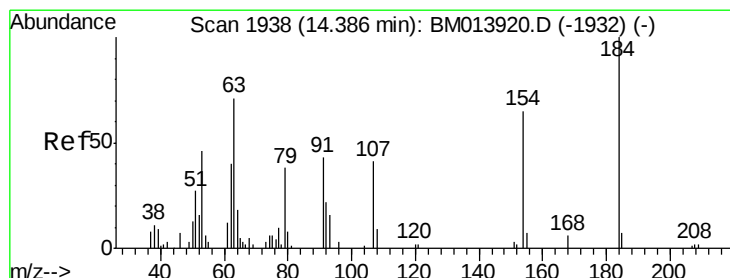
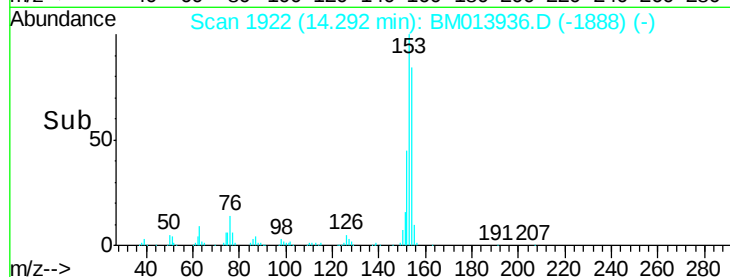
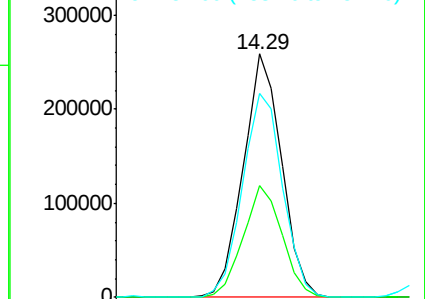
154 83.7 70.4 105.6



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: 22.78 ng/ul

RT: 14.38 min Scan# 1937

Delta R.T. -0.01 min

Lab File: BM013936.D

Acq: 28 Jan 2018 23:26

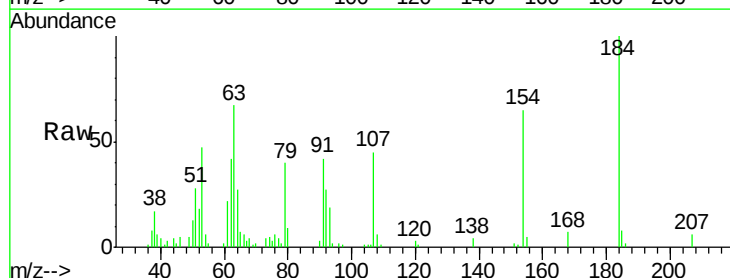
Tgt Ion:184 Resp: 57017

Ion Ratio Lower Upper

184 100

63 66.7 50.1 75.1

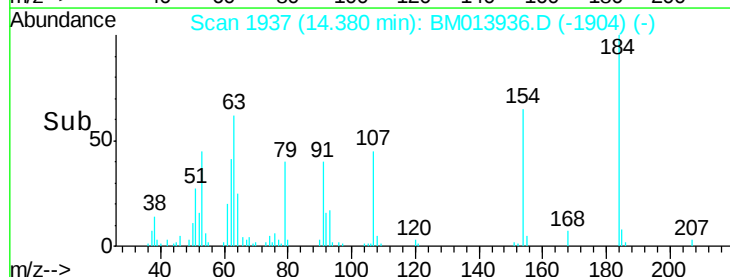
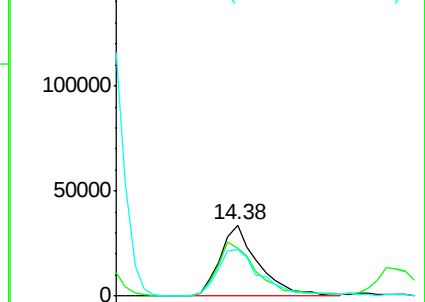
154 64.9 54.5 81.7

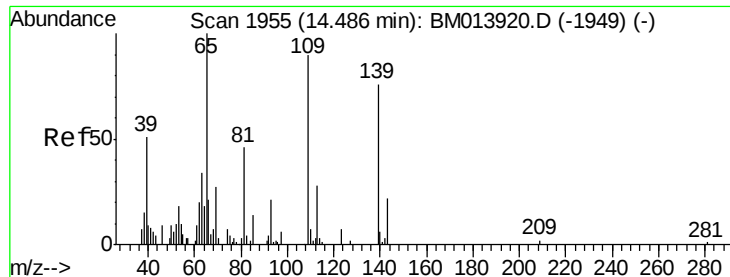


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 17.68 ng/ul

RT: 14.48 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BM013936.D

Acq: 28 Jan 2018 23:26

Instrument :

BNA_M

ClientSampleId :

SSTD02004

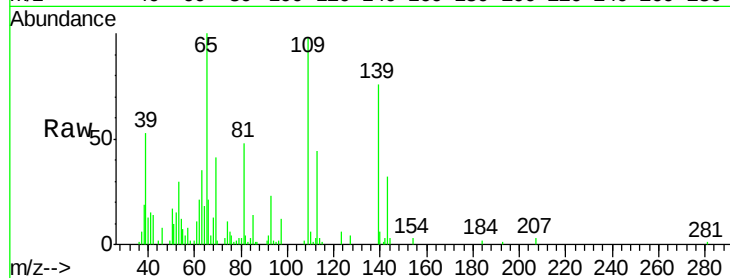
Tgt Ion:109 Resp: 66907

Ion Ratio Lower Upper

109 100

139 77.4 80.0 120.0#

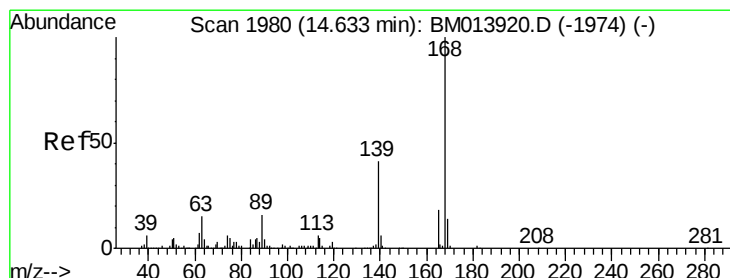
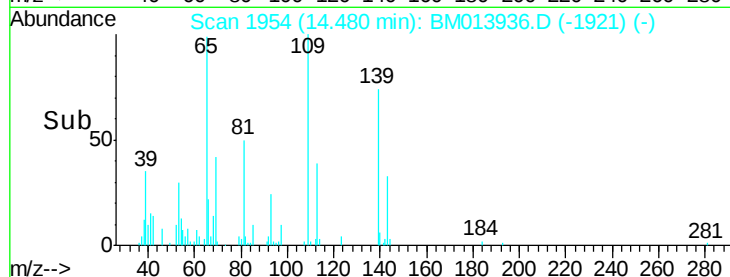
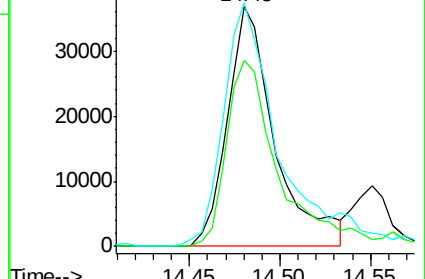
65 101.6 120.0 180.0#



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: 18.92 ng/ul

RT: 14.63 min Scan# 1980

Delta R.T. -0.00 min

Lab File: BM013936.D

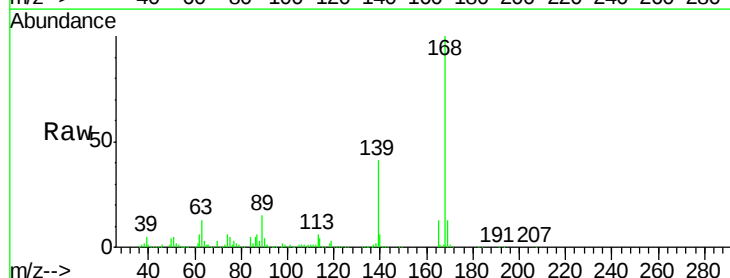
Acq: 28 Jan 2018 23:26

Tgt Ion:168 Resp: 527172

Ion Ratio Lower Upper

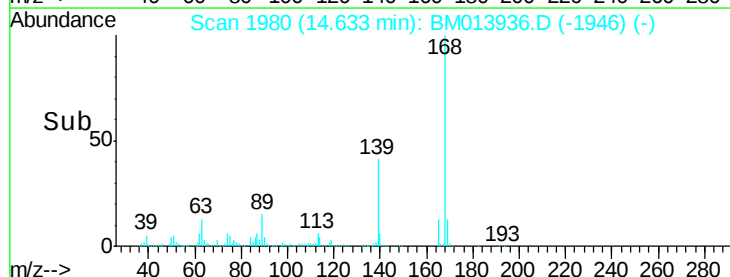
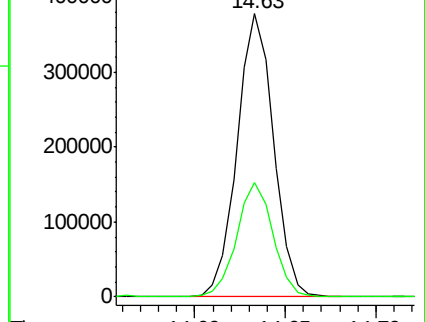
168 100

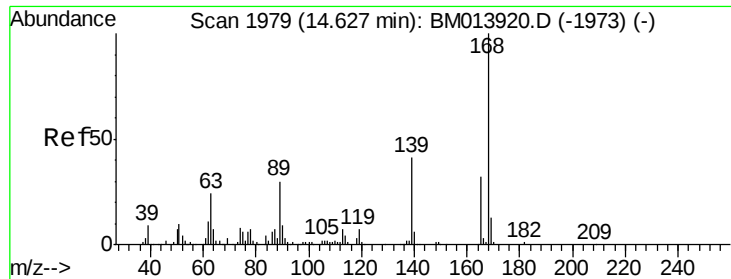
139 40.5 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

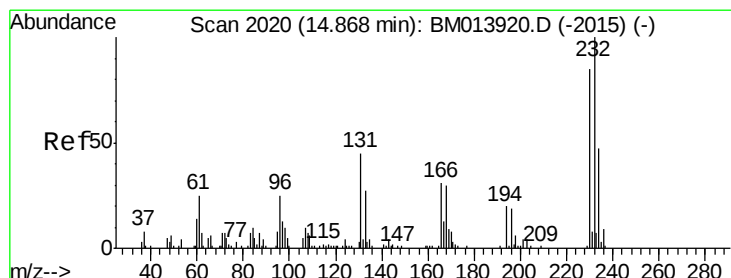
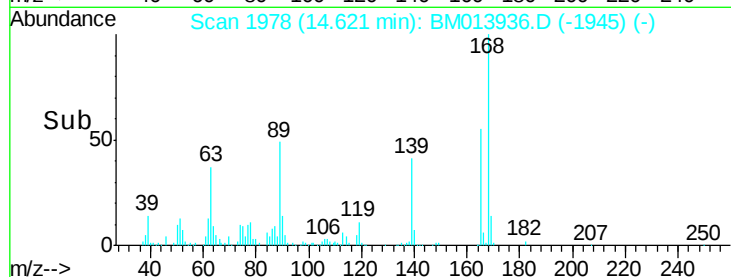
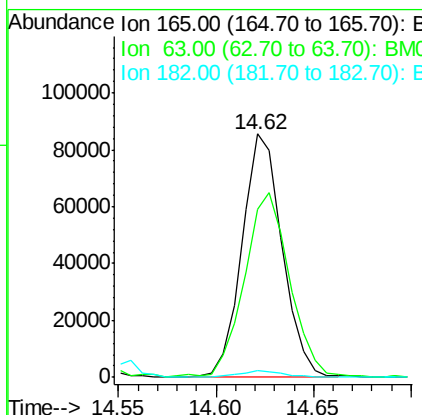
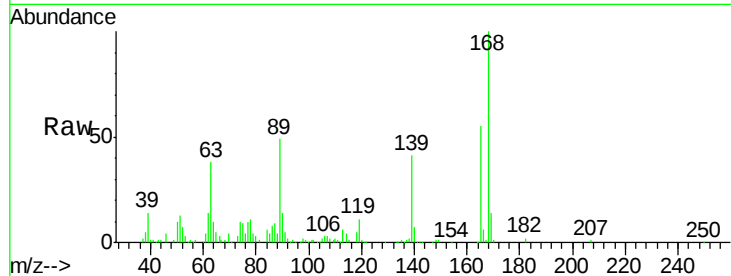




#54
2,4-Dinitrotoluene
Concen: 19.16 ng/ul
RT: 14.62 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BM013936.D
Acq: 28 Jan 2018 23:26

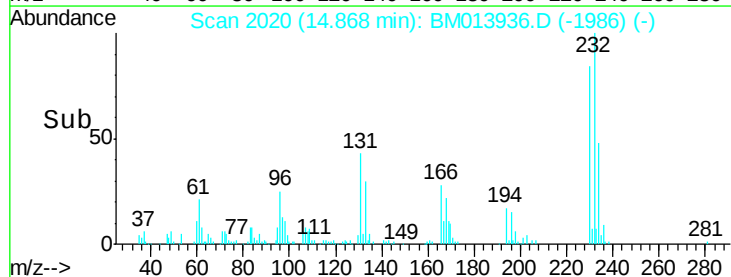
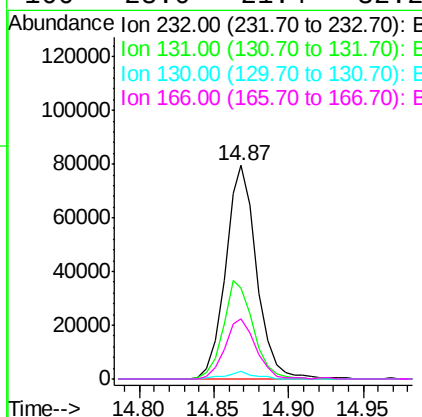
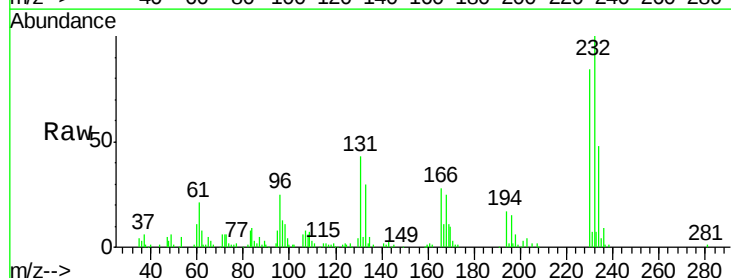
Instrument :
BNA_M
ClientSampled :
SSTD02004

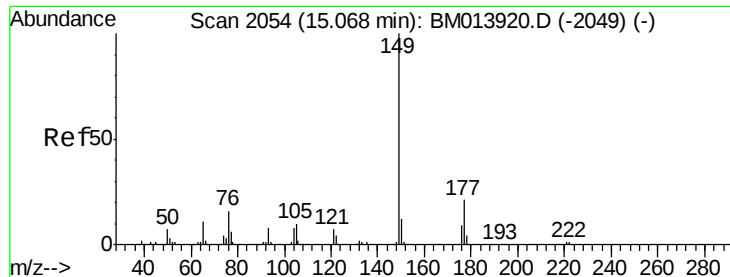
Tgt Ion:165 Resp: 121934
Ion Ratio Lower Upper
165 100
63 69.1 45.8 68.8#
182 2.8 2.6 4.0



#55
2,3,4,6-Tetrachlorophenol
Concen: 19.81 ng/ul
RT: 14.87 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BM013936.D
Acq: 28 Jan 2018 23:26

Tgt Ion:232 Resp: 115603
Ion Ratio Lower Upper
232 100
131 42.6 29.0 43.4
130 3.6 2.0 3.0#
166 28.0 21.4 32.2

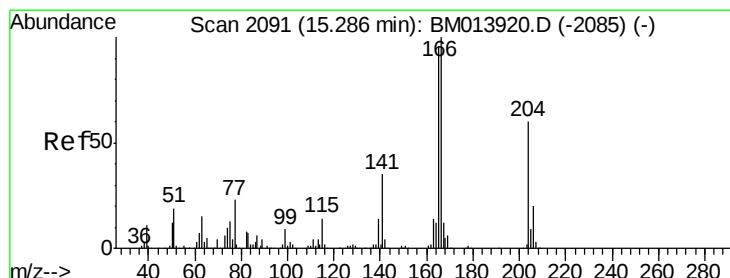
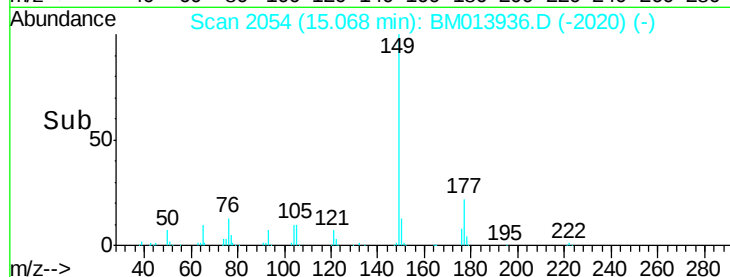
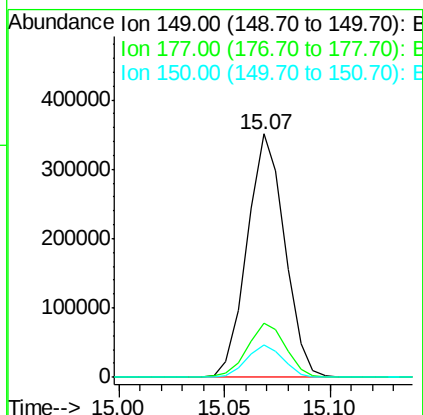
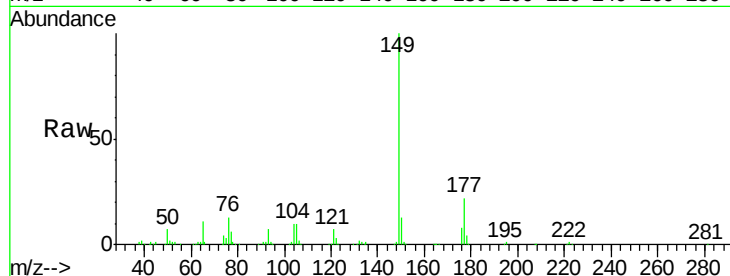




#56
Diethylphthalate
Concen: 19.20 ng/ul
RT: 15.07 min Scan# 2054
Delta R.T. -0.00 min
Lab File: BM013936.D
Acq: 28 Jan 2018 23:26

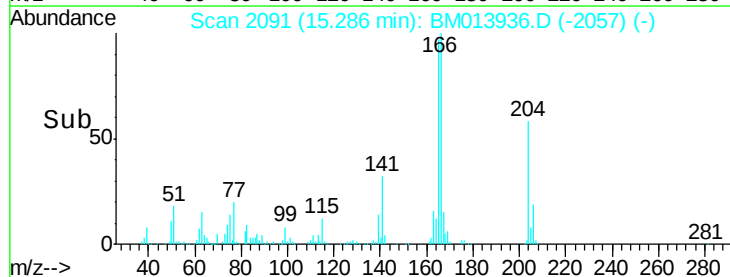
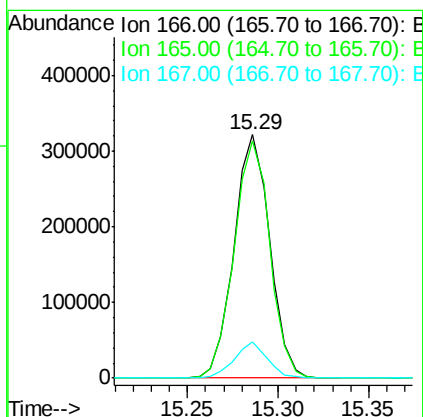
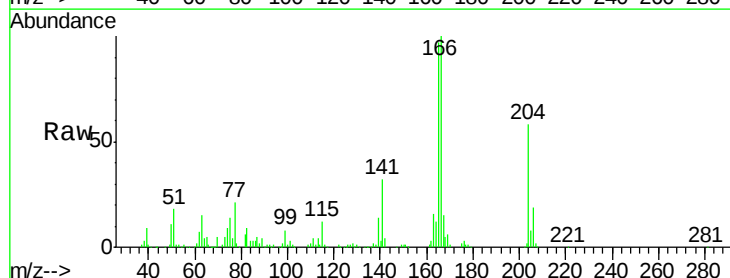
Instrument :
BNA_M
ClientSampleId :
SSTD02004

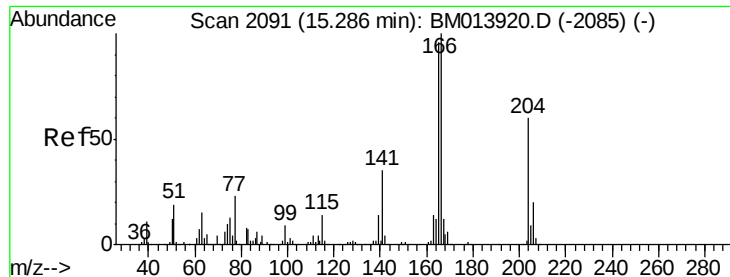
Tgt Ion:149 Resp: 435377
Ion Ratio Lower Upper
149 100
177 22.2 20.5 30.7
150 13.3 10.6 15.8



#58
Fluorene
Concen: 19.26 ng/ul
RT: 15.29 min Scan# 2091
Delta R.T. -0.00 min
Lab File: BM013936.D
Acq: 28 Jan 2018 23:26

Tgt Ion:166 Resp: 439534
Ion Ratio Lower Upper
166 100
165 97.5 77.9 116.9
167 14.7 10.6 16.0

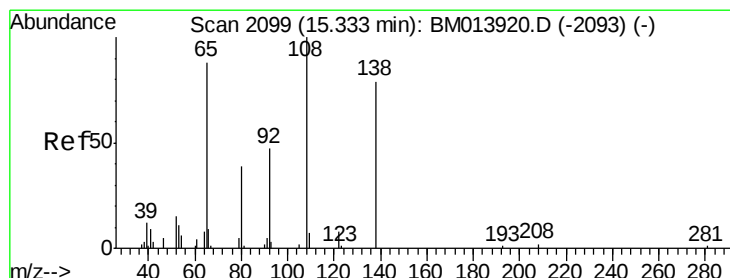
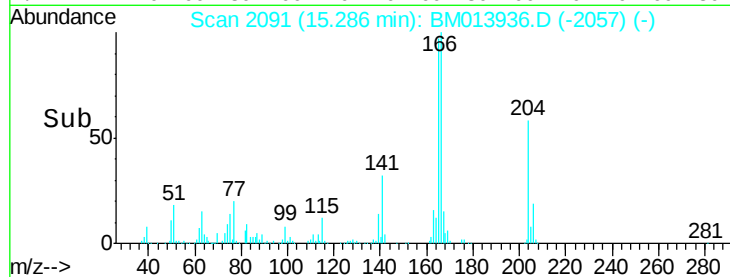
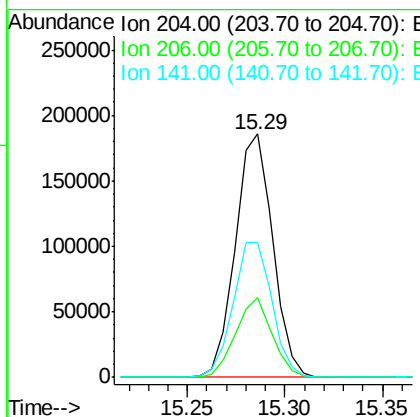
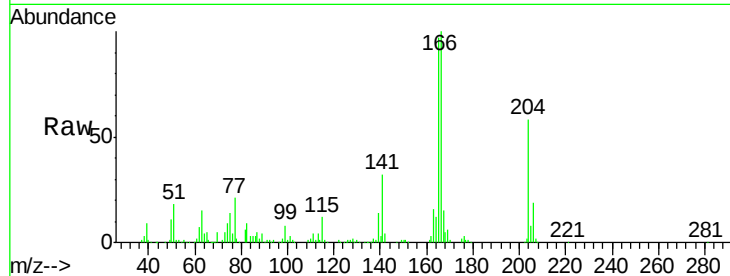




#59
 4-Chlorophenyl-phenylether
 Concen: 20.07 ng/ul
 RT: 15.29 min Scan# 2091
 Delta R.T. -0.00 min
 Lab File: BM013936.D
 Acq: 28 Jan 2018 23:26

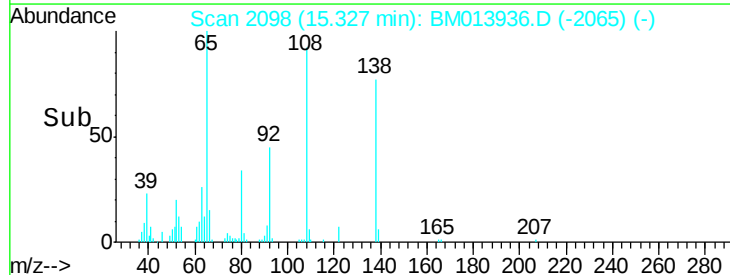
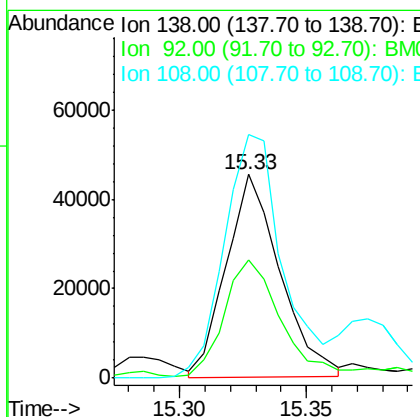
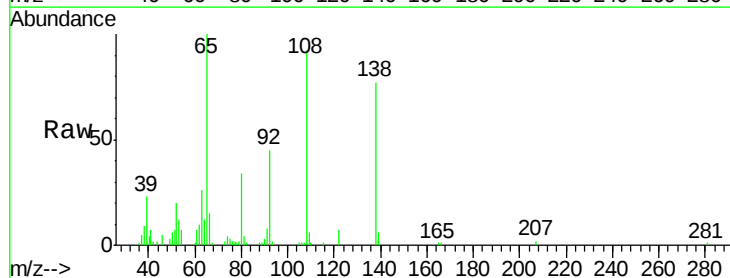
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02004

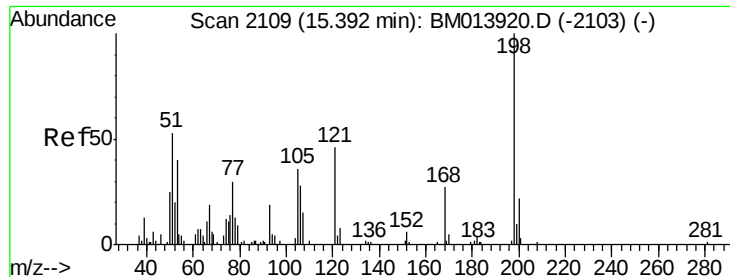
Tgt Ion:204 Resp: 247472
 Ion Ratio Lower Upper
 204 100
 206 32.5 24.8 37.2
 141 55.4 44.3 66.5



#60
 4-Nitroaniline
 Concen: 16.64 ng/ul
 RT: 15.33 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BM013936.D
 Acq: 28 Jan 2018 23:26

Tgt Ion:138 Resp: 66852
 Ion Ratio Lower Upper
 138 100
 92 58.2 40.0 60.0
 108 119.5 80.0 120.0

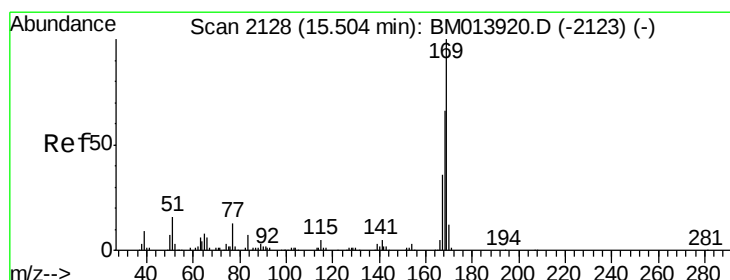
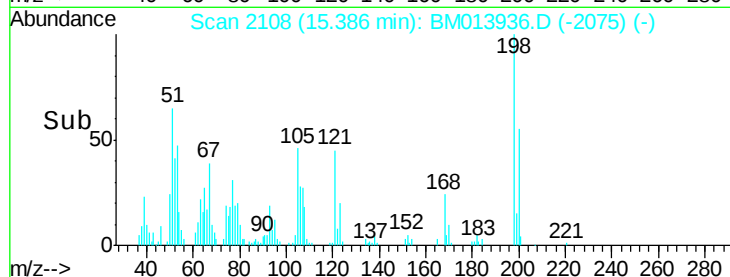
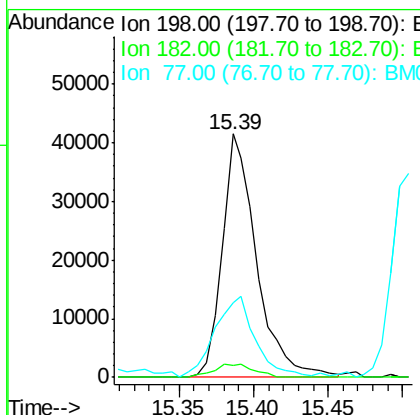
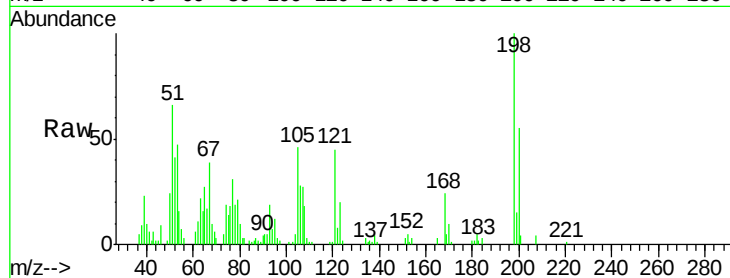




#63
 4,6-Dinitro-2-methylphenol
 Concen: 16.51 ng/ul
 RT: 15.39 min Scan# 2108
 Delta R.T. -0.01 min
 Lab File: BM013936.D
 Acq: 28 Jan 2018 23:26

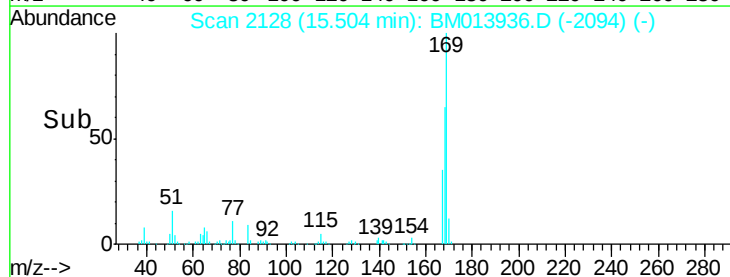
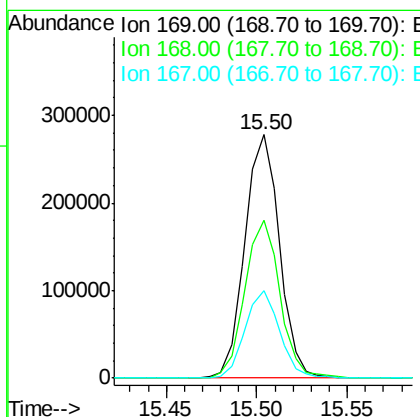
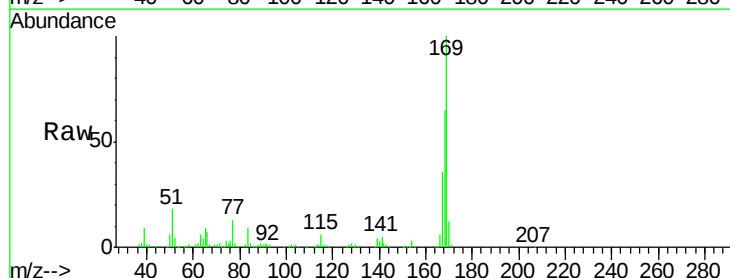
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02004

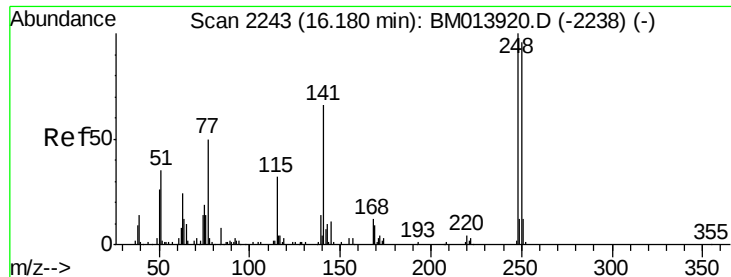
Tgt Ion:198 Resp: 66657
 Ion Ratio Lower Upper
 198 100
 182 4.7 3.8 5.6
 77 30.7 25.2 37.8



#64
 N-Nitrosodiphenylamine
 Concen: 19.78 ng/ul
 RT: 15.50 min Scan# 2128
 Delta R.T. -0.00 min
 Lab File: BM013936.D
 Acq: 28 Jan 2018 23:26

Tgt Ion:169 Resp: 369666
 Ion Ratio Lower Upper
 169 100
 168 64.9 54.0 81.0
 167 36.0 29.1 43.7

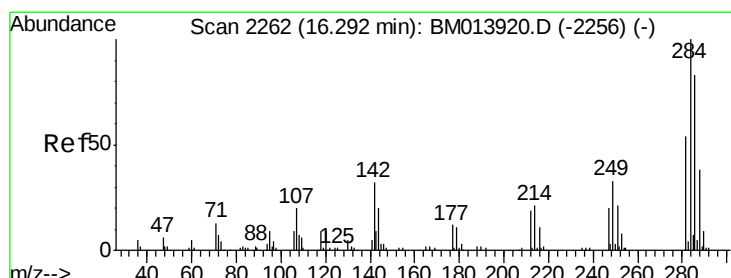
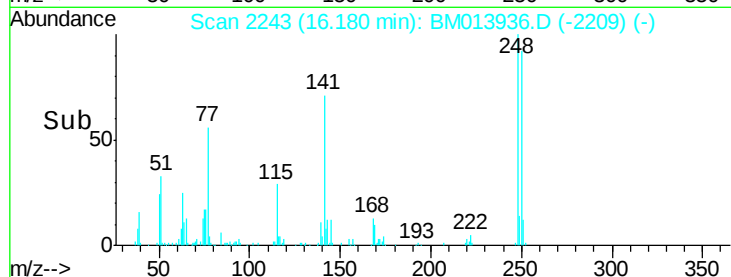
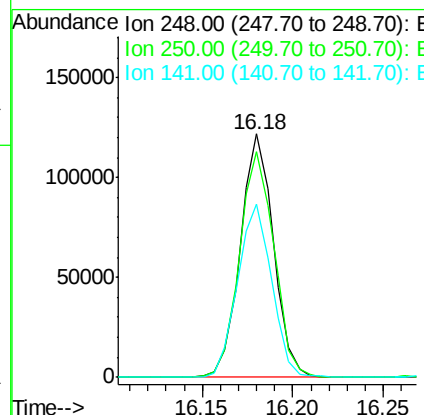
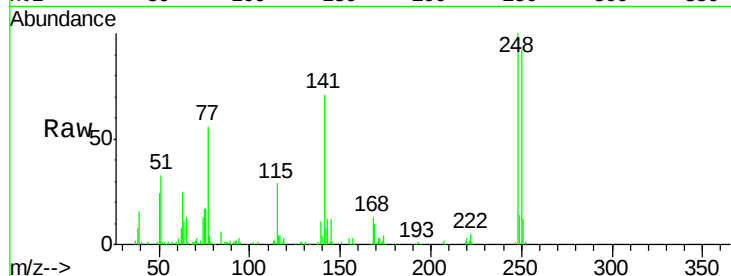




#65
4-Bromophenyl-phenylether
Concen: 20.65 ng/ul
RT: 16.18 min Scan# 2243
Delta R.T. -0.00 min
Lab File: BM013936.D
Acq: 28 Jan 2018 23:26

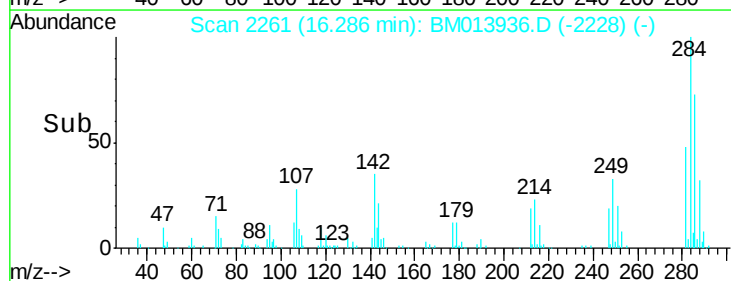
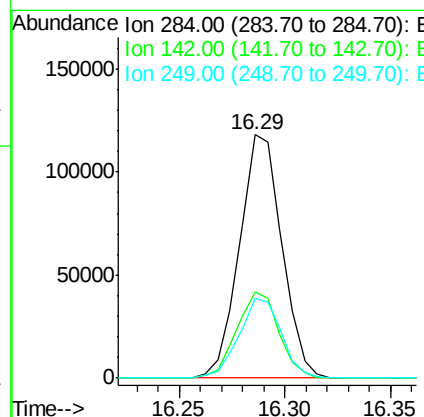
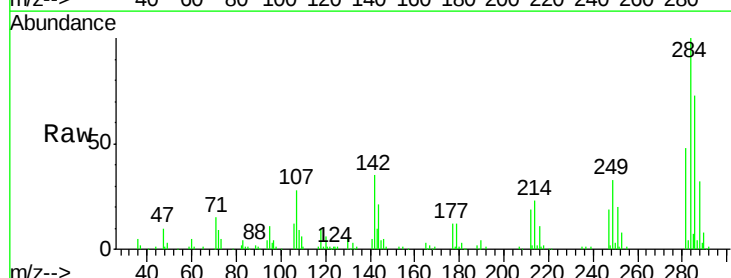
Instrument :
BNA_M
ClientSampleId :
SSTD02004

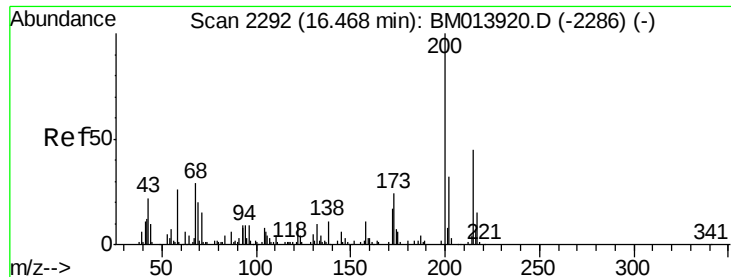
Tgt Ion:248 Resp: 154998
Ion Ratio Lower Upper
248 100
250 92.5 80.5 120.7
141 71.3 53.6 80.4



#66
Hexachlorobenzene
Concen: 20.34 ng/ul
RT: 16.29 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BM013936.D
Acq: 28 Jan 2018 23:26

Tgt Ion:284 Resp: 164351
Ion Ratio Lower Upper
284 100
142 35.4 21.2 31.8#
249 35.7 24.5 36.7

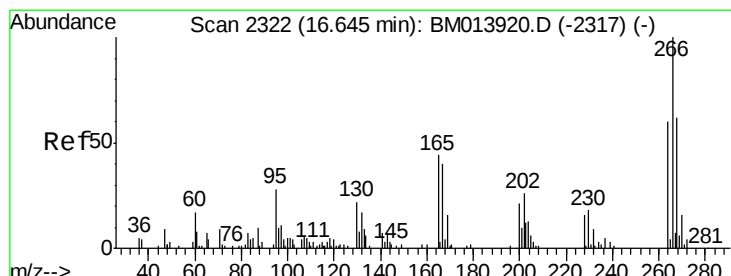
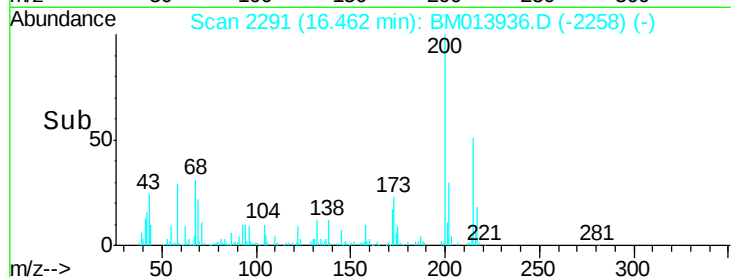
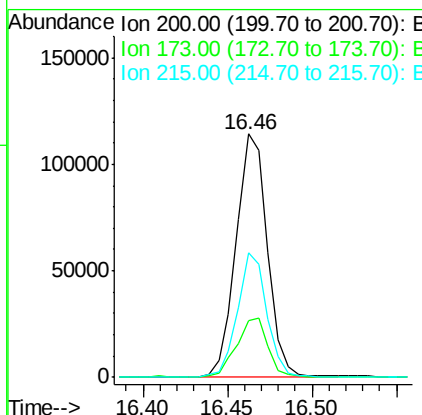
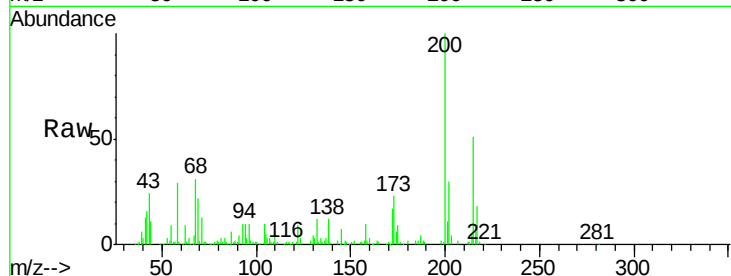




#67
Atrazine
Concen: 19.87 ng/ul
RT: 16.46 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BM013936.D
Acq: 28 Jan 2018 23:26

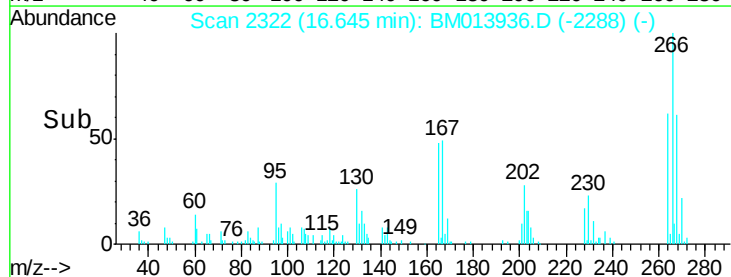
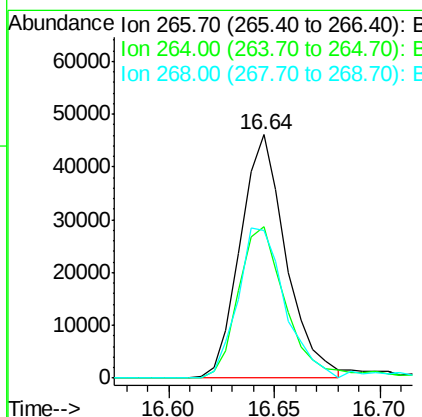
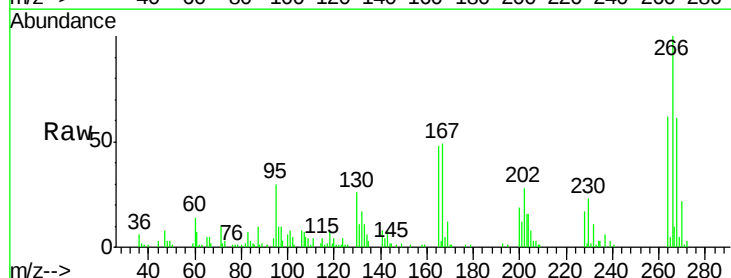
Instrument :
BNA_M
ClientSampleId :
SSTD02004

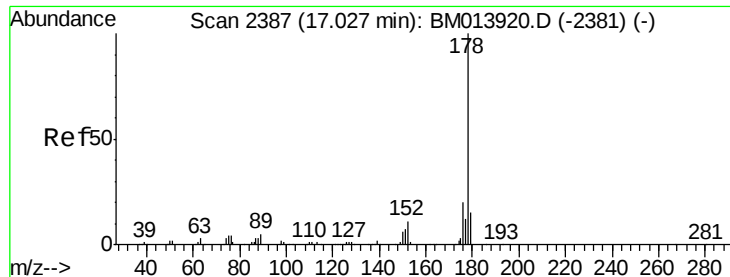
Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.3	18.2	27.2
215	51.4	35.0	52.4



#68
Pentachlorophenol
Concen: 16.21 ng/ul
RT: 16.64 min Scan# 2322
Delta R.T. -0.00 min
Lab File: BM013936.D
Acq: 28 Jan 2018 23:26

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.2	49.3	73.9
268	60.8	52.6	78.8





#69

Phenanthrene

Concen: 19.51 ng/ul

RT: 17.03 min Scan# 2387

Delta R.T. -0.00 min

Lab File: BM013936.D

Acq: 28 Jan 2018 23:26

Instrument :

BNA_M

ClientSampleId :

SSTD02004

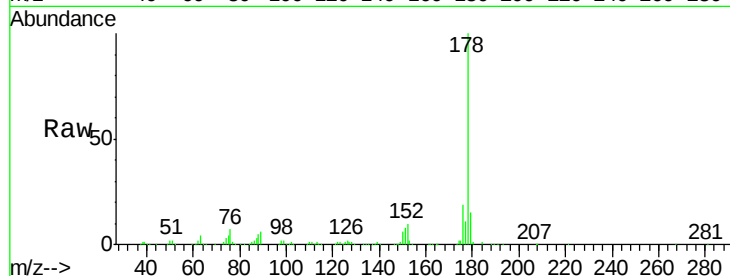
Tgt Ion:178 Resp: 689037

Ion Ratio Lower Upper

178 100

179 15.4 12.6 19.0

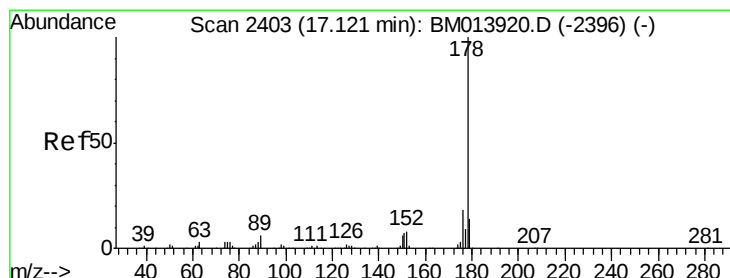
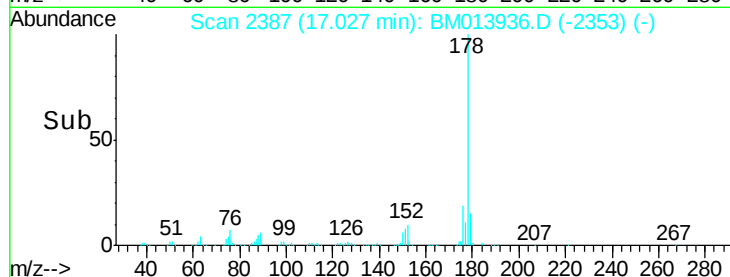
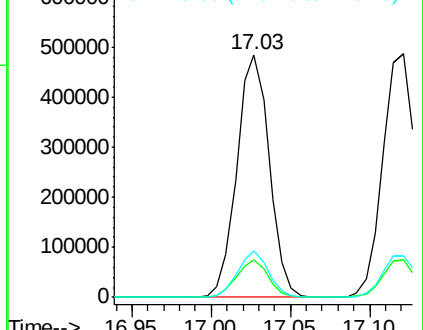
176 19.4 14.9 22.3



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: 19.45 ng/ul

RT: 17.12 min Scan# 2403

Delta R.T. -0.00 min

Lab File: BM013936.D

Acq: 28 Jan 2018 23:26

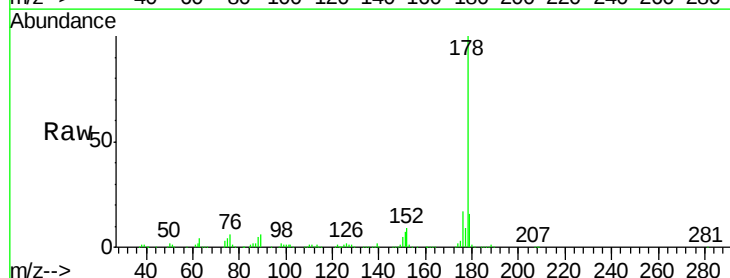
Tgt Ion:178 Resp: 708750

Ion Ratio Lower Upper

178 100

179 15.5 11.7 17.5

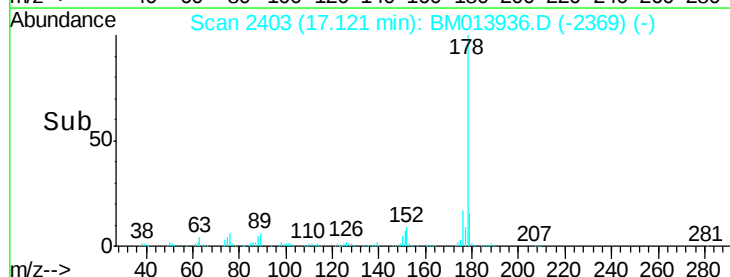
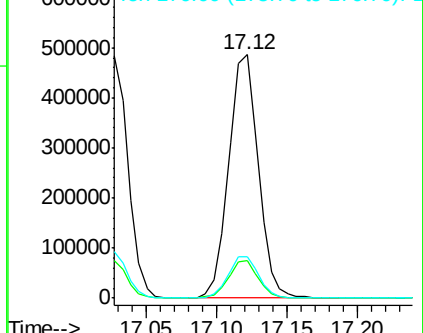
176 17.0 14.6 21.8

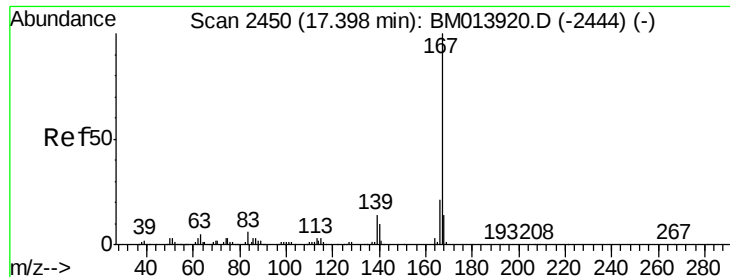


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 18.97 ng/ul

RT: 17.40 min Scan# 2450

Delta R.T. -0.00 min

Lab File: BM013936.D

Acq: 28 Jan 2018 23:26

Instrument :

BNA_M

ClientSampleId :

SSTD02004

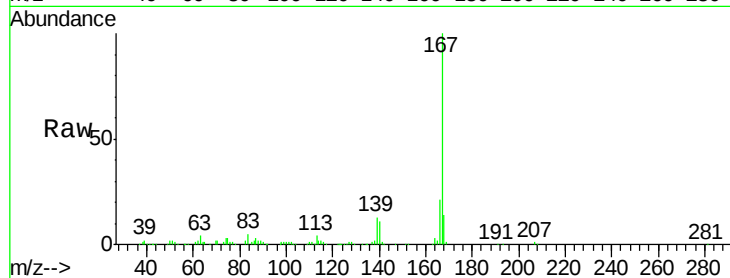
Tgt Ion:167 Resp: 570367

Ion Ratio Lower Upper

167 100

166 21.3 17.1 25.7

139 13.2 10.0 15.0

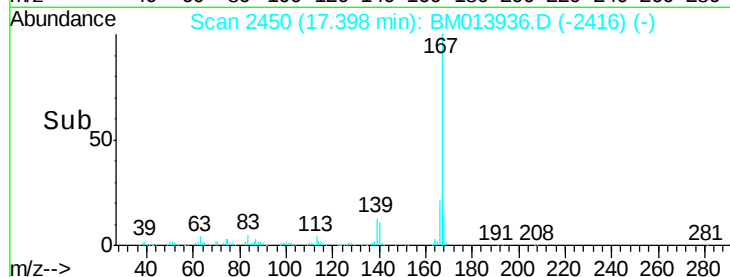


Abundance Ion 167.00 (166.70 to 167.70): E

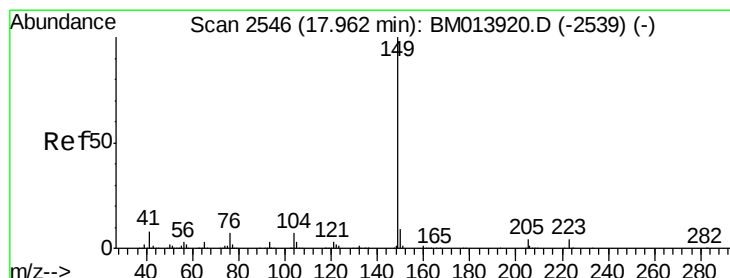
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

Time-->



Time-->



#73

Di-n-butylphthalate

Concen: 19.52 ng/ul

RT: 17.96 min Scan# 2546

Delta R.T. -0.00 min

Lab File: BM013936.D

Acq: 28 Jan 2018 23:26

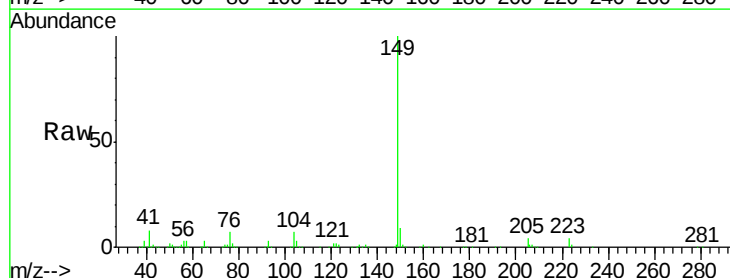
Tgt Ion:149 Resp: 690215

Ion Ratio Lower Upper

149 100

150 9.2 7.1 10.7

104 7.5 5.6 8.4

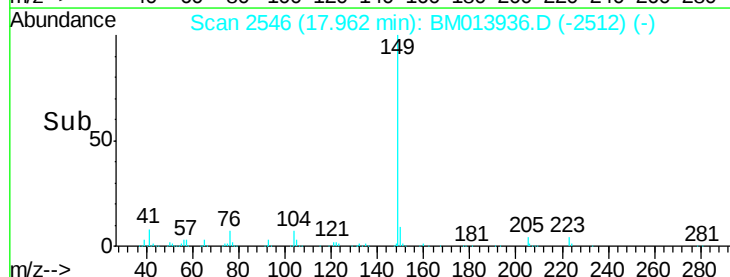


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

Time-->



Time-->