

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012018\
 Data File : BM013683.D
 Acq On : 20 Jan 2018 15:54
 Operator : SJ/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 22 02:15:13 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 22 02:14:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	134347	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	551676	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	322290	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	724245	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	788228	20.00	ng/ul	0.00
83) Perylene-d12	23.42	264	750846	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	19535	5.75	ng/uL	0.00
5) Phenol-d5	6.79	99	207863	20.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	119838	19.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	177310	21.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	163013	20.56	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	86850	20.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	93456	20.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	173879	19.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	189327	24.97	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	511470	19.26	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	661544	19.53	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	81109	18.79	ng/ul	0.00
57) Fluorene-d10	15.26	176	454930	19.48	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	85059	19.51	ng/ul	0.00
70) Anthracene-d10	17.12	188	714381	20.25	ng/ul	0.00
76) Pyrene-d10	19.42	212	784095	21.37	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	701314	20.32	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.19	88	22318	5.994	ng/uL#	63
4) Benzaldehyde	6.76	77	143647	20.125	ng/ul	94
6) Phenol	6.82	94	208224	20.129	ng/ul#	85
8) Bis(2-Chloroethyl)ether	7.05	93	158011	19.520	ng/ul	99
10) 2-Chlorophenol	7.18	128	168074	20.066	ng/ul	94
11) 2-Methylphenol	8.06	108	156451	20.517	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.15	45	160898	19.535	ng/ul#	85
14) Acetophenone	8.43	105	259945	19.812	ng/ul	88
15) N-Nitroso-di-n-propylamine	8.42	70	128140	20.019	ng/ul#	71
16) 4-Methylphenol	8.39	108	172618	21.171	ng/ul	99
17) Hexachloroethane	8.68	117	72550	17.795	ng/ul	84
20) Nitrobenzene	8.81	77	207197	18.737	ng/ul	94
21) Isophorone	9.33	82	350048	19.592	ng/ul#	93
23) 2-Nitrophenol	9.52	139	93572	19.850	ng/ul#	82
24) 2,4-Dimethylphenol	9.58	107	202252	20.350	ng/ul	86
25) Bis(2-Chloroethoxy)methane	9.82	93	204208	18.748	ng/ul	98
27) 2,4-Dichlorophenol	10.05	162	169079	20.078	ng/ul	95
28) Naphthalene	10.44	128	553689	20.174	ng/ul	97
30) 4-Chloroaniline	10.56	127	191018	25.410	ng/ul	98
31) Hexachlorobutadiene	10.72	225	125474	18.152	ng/ul	95
32) Caprolactam	11.33	113	52952	22.603	ng/ul#	35
33) 4-Chloro-3-methylphenol	11.70	107	177868	20.835	ng/ul	96
34) 2-Methylnaphthalene	12.06	142	409211	19.998	ng/ul	95

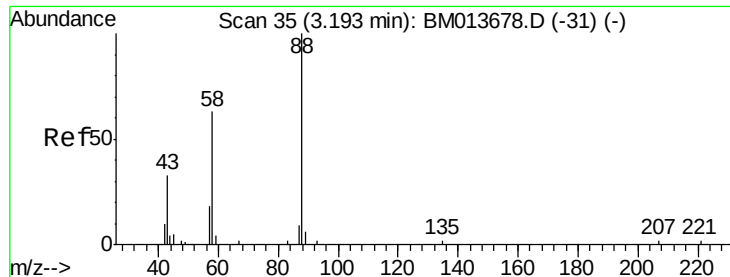
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012018\
 Data File : BM013683.D
 Acq On : 20 Jan 2018 15:54
 Operator : SJ/JU
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 22 02:15:13 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 22 02:14:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.43	216	228270	19.115	ng/ul	98
37) Hexachlorocyclopentadiene	12.41	237	67559	13.627	ng/ul	95
38) 2,4,6-Trichlorophenol	12.69	196	145615	21.065	ng/ul	93
39) 2,4,5-Trichlorophenol	12.76	196	144072	20.030	ng/ul	93
40) 1,1'-Biphenyl	13.09	154	524361	19.546	ng/ul	98
41) 2-Chloronaphthalene	13.13	162	419110	19.985	ng/ul	99
42) 2-Nitroaniline	13.35	65	115278	19.927	ng/ul	92
44) Dimethylphthalate	13.73	163	499596	19.129	ng/ul	98
45) 2,6-Dinitrotoluene	13.85	165	104315	20.611	ng/ul	93
47) Acenaphthylene	13.98	152	613269	19.788	ng/ul	99
48) 3-Nitroaniline	14.19	138	89459	22.476	ng/ul	88
49) Acenaphthene	14.33	153	412452	19.216	ng/ul	98
50) 2,4-Dinitrophenol	14.40	184	48536	16.730	ng/ul	91
52) 4-Nitrophenol	14.50	109	81532	18.593	ng/ul#	77
53) Dibenzofuran	14.67	168	620287	19.210	ng/ul	98
54) 2,4-Dinitrotoluene	14.65	165	148829	20.173	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.90	232	135691	20.056	ng/ul	91
56) Diethylphthalate	15.10	149	493575	18.779	ng/ul	94
58) Fluorene	15.32	166	506575	19.152	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.32	204	264482	18.505	ng/ul	97
60) 4-Nitroaniline	15.35	138	98540	21.159	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.42	198	87870	19.096	ng/ul	99
64) N-Nitrosodiphenylamine	15.53	169	436508	20.492	ng/ul	97
65) 4-Bromophenyl-phenylether	16.21	248	165082	19.299	ng/ul	94
66) Hexachlorobenzene	16.32	284	180663	19.621	ng/ul#	89
67) Atrazine	16.49	200	170101	20.008	ng/ul	95
68) Pentachlorophenol	16.67	266	96146	19.650	ng/ul	97
69) Phenanthrene	17.06	178	814317	20.228	ng/ul	99
71) Anthracene	17.15	178	831185	20.017	ng/ul	98
72) Carbazole	17.43	167	703500	20.525	ng/ul	97
73) Di-n-butylphthalate	17.99	149	772763	19.169	ng/ul	98
74) Fluoranthene	19.08	202	950993	19.790	ng/ul#	91
77) Pyrene	19.44	202	1012360	21.127	ng/ul#	93
78) Butylbenzylphthalate	20.36	149	357221	21.163	ng/ul	93
79) 3,3'-Dichlorobenzidine	21.14	252	294918	22.617	ng/ul	95
80) Benzo(a)anthracene	21.20	228	958986	20.135	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.14	149	504748	19.930	ng/ul#	98
82) Chrysene	21.25	228	863684	19.767	ng/ul	99
84) Di-n-octyl phthalate	22.01	149	805443	17.800	ng/ul	100
85) Benzo(b)fluoranthene	22.76	252	942010	20.429	ng/ul#	98
86) Benzo(k)fluoranthene	22.80	252	881727	19.783	ng/ul#	98
88) Benzo(a)pyrene	23.32	252	880233	20.207	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.62	276	1003750	19.520	ng/ul#	95
90) Dibenzo(a,h)anthracene	25.63	278	847766	19.524	ng/ul#	97
91) Benzo(g,h,i)perylene	26.29	276	839263	19.831	ng/ul#	96

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



#2

1,4-Dioxane

Concen: 5.994 ng/uL

RT: 3.19 min Scan# 35

Delta R.T. 0.00 min

Lab File: BM013683.D

Acq: 20 Jan 2018 15:54

Instrument :

BNA_M

ClientSampleId :

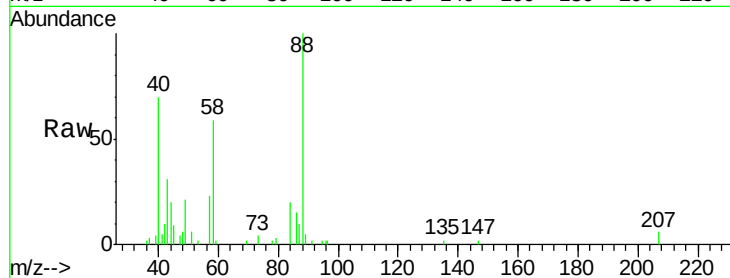
Tot Ion: 88 Resp: 22318

Ion Ratio Lower Upper

88 100

43 36.0 48.0 72.0#

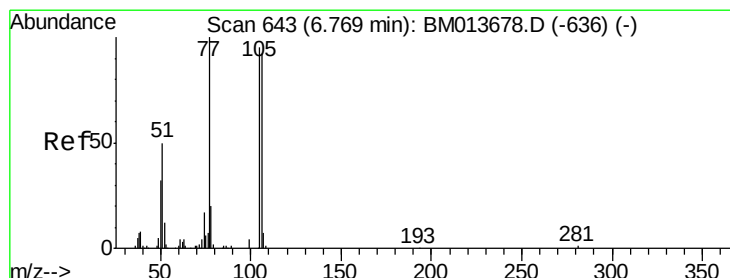
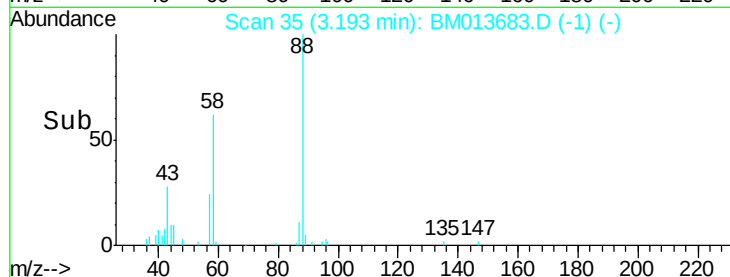
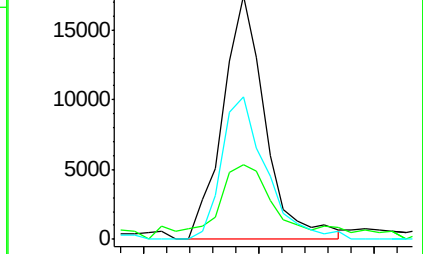
58 60.5 80.0 120.0#



Abundance Ion 88.00 (87.70 to 88.70): BM013683.D (-1) (-)

Ion 43.00 (42.70 to 43.70): BM013683.D (-1) (-)

Ion 58.00 (57.70 to 58.70): BM013683.D (-1) (-)



#4

Benzaldehyde

Concen: 20.125 ng/uL

RT: 6.76 min Scan# 642

Delta R.T. -0.01 min

Lab File: BM013683.D

Acq: 20 Jan 2018 15:54

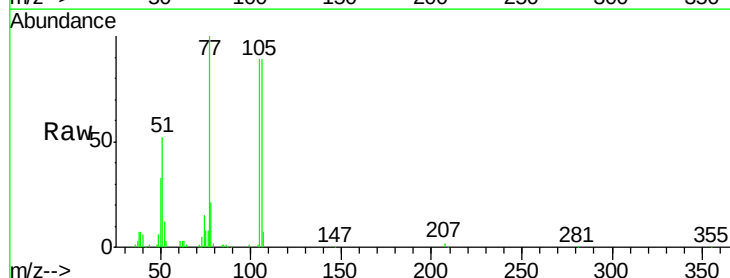
Tgt Ion: 77 Resp: 143647

Ion Ratio Lower Upper

77 100

105 88.9 66.1 99.1

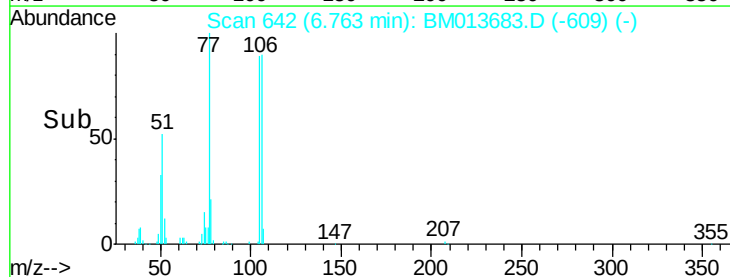
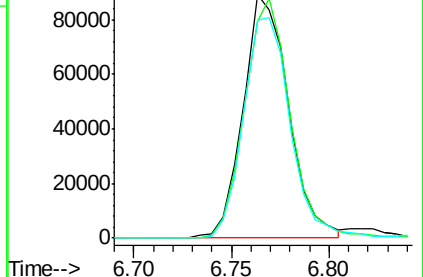
106 89.5 67.8 101.6

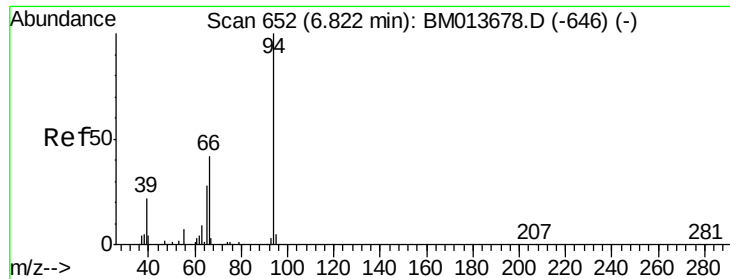


Abundance Ion 77.00 (76.70 to 77.70): BM013683.D (-609) (-)

Ion 105.00 (104.70 to 105.70): BM013683.D (-609) (-)

Ion 106.00 (105.70 to 106.70): BM013683.D (-609) (-)





#6

Phenol

Concen: 20.129 ng/ul

RT: 6.82 min Scan# 652

Delta R.T. 0.00 min

Lab File: BM013683.D

Acq: 20 Jan 2018 15:54

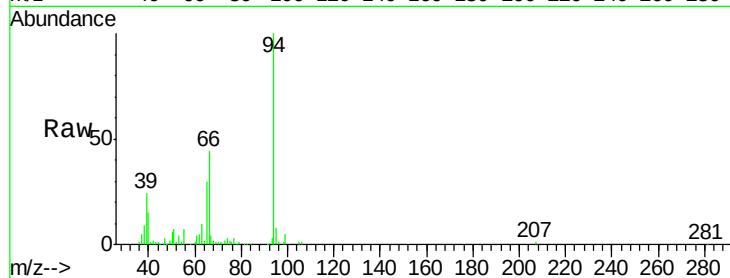
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 94 Resp: 208224

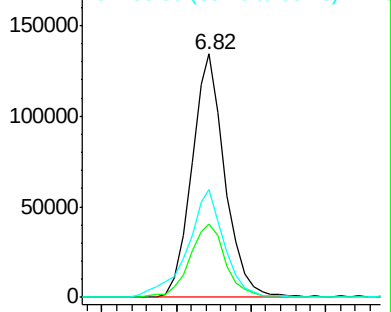
Ion	Ratio	Lower	Upper
94	100		
65	30.3	28.2	42.4
66	44.4	47.2	70.8#



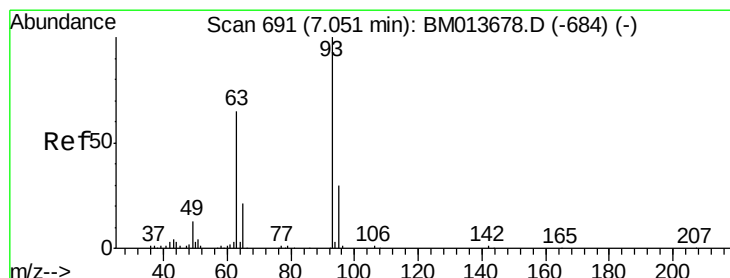
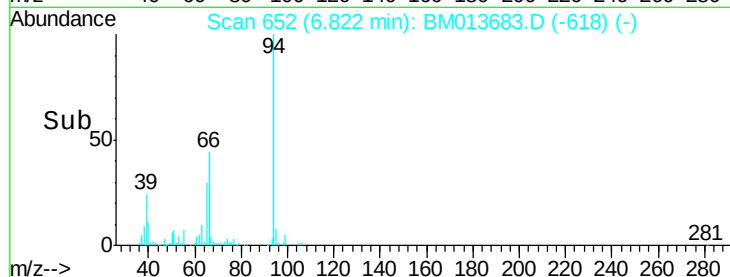
Abundance Ion 94.00 (93.70 to 94.70): BM013683.D (-618) (-)

Ion 65.00 (64.70 to 65.70): BM013683.D (-618) (-)

Ion 66.00 (65.70 to 66.70): BM013683.D (-618) (-)



Time-->



#8

Bis(2-Chloroethyl)ether

Concen: 19.520 ng/ul

RT: 7.05 min Scan# 690

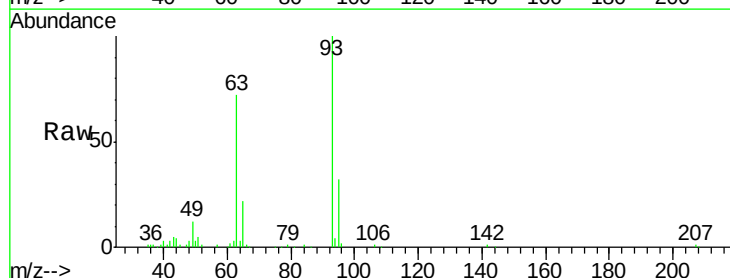
Delta R.T. -0.01 min

Lab File: BM013683.D

Acq: 20 Jan 2018 15:54

Tgt Ion: 93 Resp: 158011

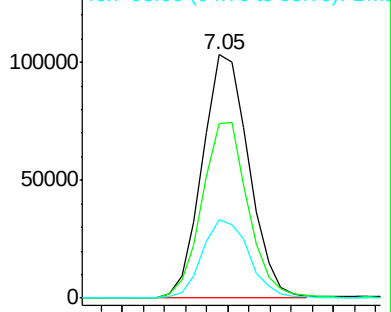
Ion	Ratio	Lower	Upper
93	100		
63	71.7	57.3	85.9
95	32.3	26.6	39.8



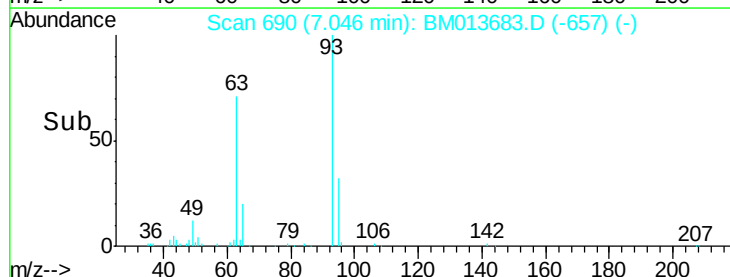
Abundance Ion 93.00 (92.70 to 93.70): BM013683.D (-657) (-)

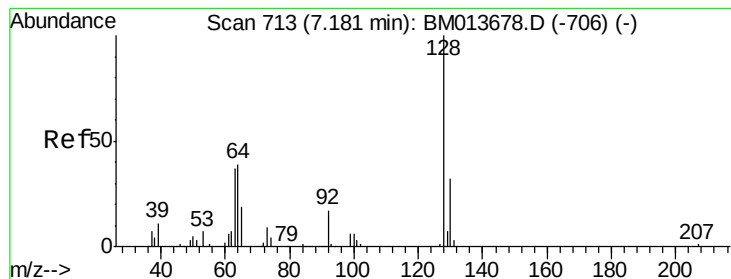
Ion 63.00 (62.70 to 63.70): BM013683.D (-657) (-)

Ion 95.00 (94.70 to 95.70): BM013683.D (-657) (-)



Time-->





#10

2-Chlorophenol

Concen: 20.066 ng/ul

RT: 7.18 min Scan# 713

Delta R.T. 0.00 min

Lab File: BM013683.D

Acq: 20 Jan 2018 15:54

Instrument :

BNA_M

ClientSampleId :

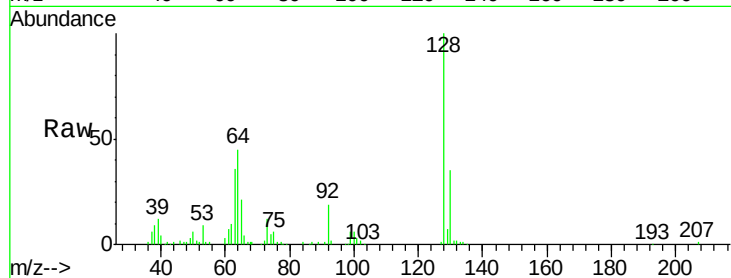
Tot Ion:128 Resp: 168074

Ion Ratio Lower Upper

128 100

64 45.1 38.0 57.0

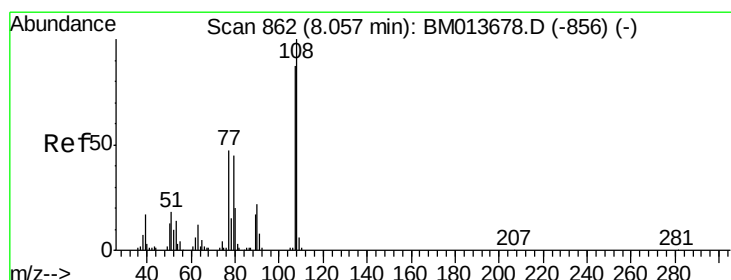
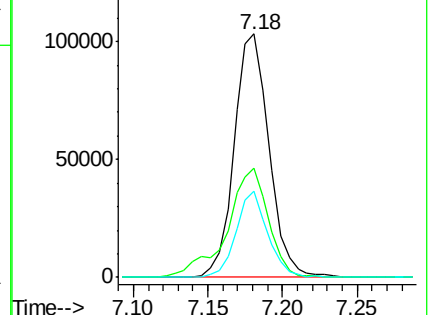
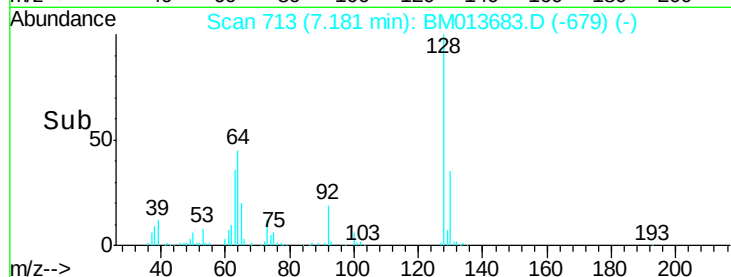
130 35.3 24.4 36.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM013683.D (-828) (-)

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 20.517 ng/ul

RT: 8.06 min Scan# 862

Delta R.T. 0.00 min

Lab File: BM013683.D

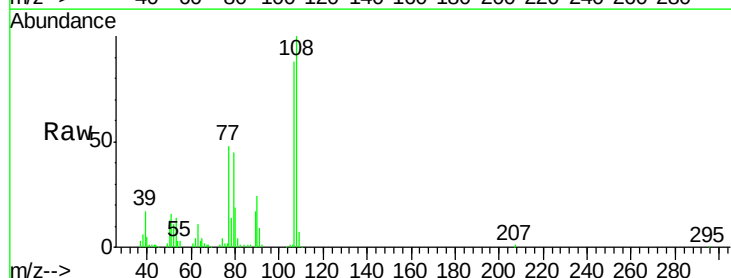
Acq: 20 Jan 2018 15:54

Tgt Ion:108 Resp: 156451

Ion Ratio Lower Upper

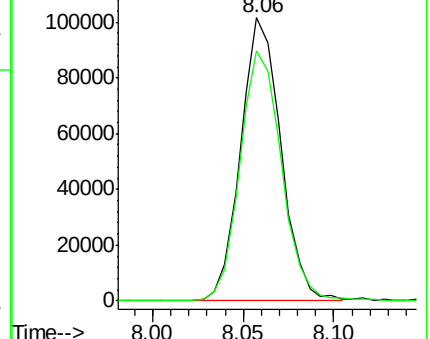
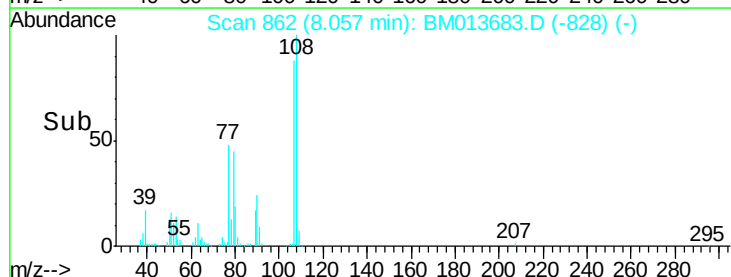
108 100

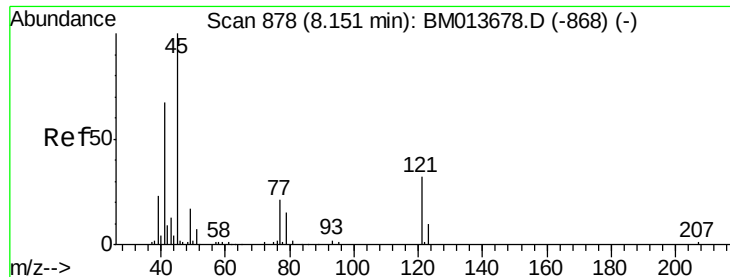
107 88.2 72.6 108.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

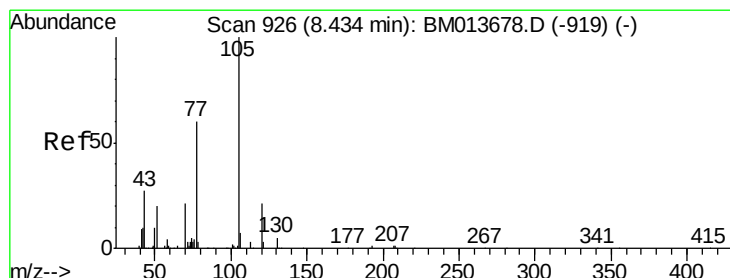
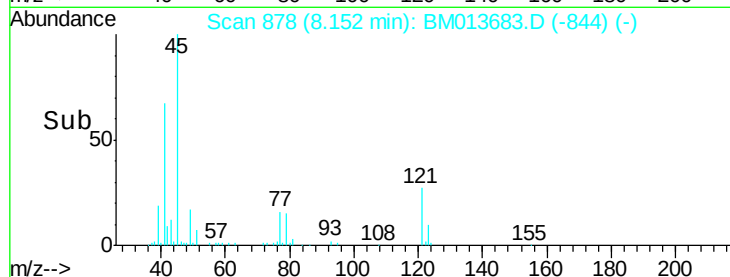
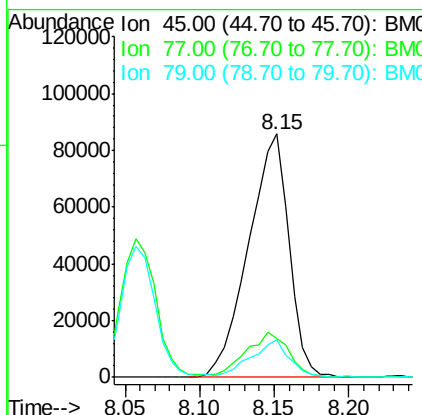
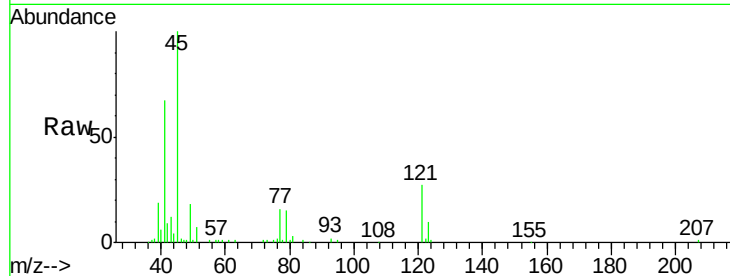




#12
2,2'-oxybis(1-Chloropropane)
Concen: 19.535 ng/ul
RT: 8.15 min Scan# 878
Delta R.T. 0.00 min
Lab File: BM013683.D
Acq: 20 Jan 2018 15:54

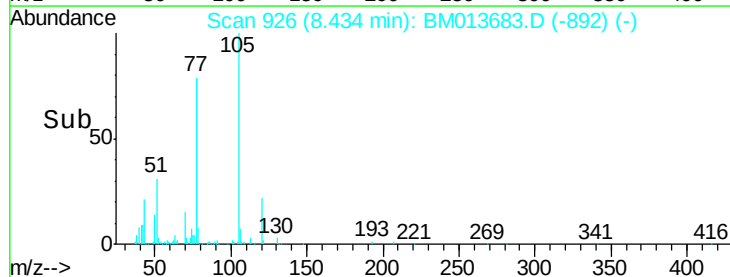
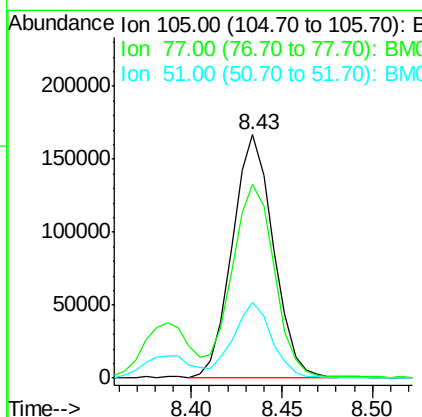
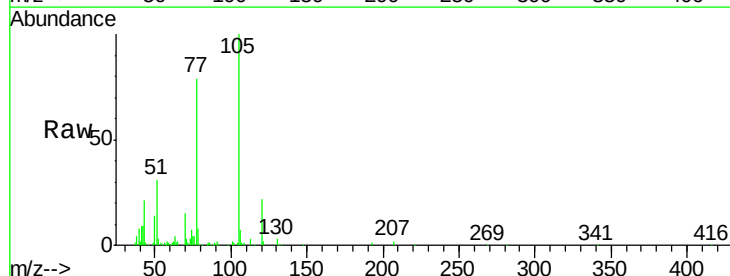
Instrument :
BNA_M
ClientSampled :

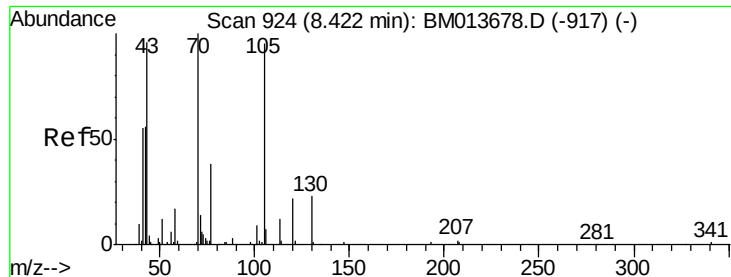
Tot Ion: 45 Resp: 160898
Ion Ratio Lower Upper
45 100
77 16.0 8.0 12.0#
79 15.4 8.0 12.0#



#14
Acetophenone
Concen: 19.812 ng/ul
RT: 8.43 min Scan# 926
Delta R.T. 0.00 min
Lab File: BM013683.D
Acq: 20 Jan 2018 15:54

Tgt Ion: 105 Resp: 259945
Ion Ratio Lower Upper
105 100
77 79.4 74.2 111.4
51 31.4 23.4 35.2





#15

N-Nitroso-di-n-propylamine

Concen: 20.019 ng/ul

RT: 8.42 min Scan# 923

Delta R.T. -0.01 min

Lab File: BM013683.D

Acq: 20 Jan 2018 15:54

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 128140

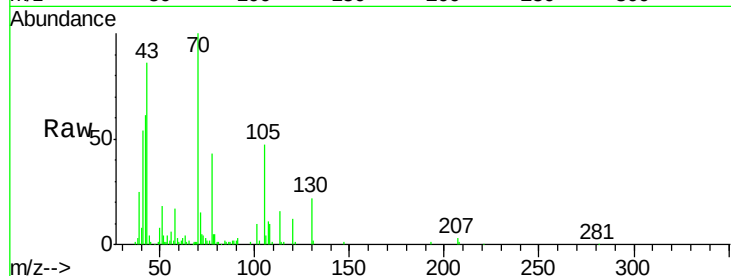
Ion Ratio Lower Upper

70 100

42 61.2 76.0 114.0#

101 10.3 6.7 10.1#

130 22.1 14.6 22.0#



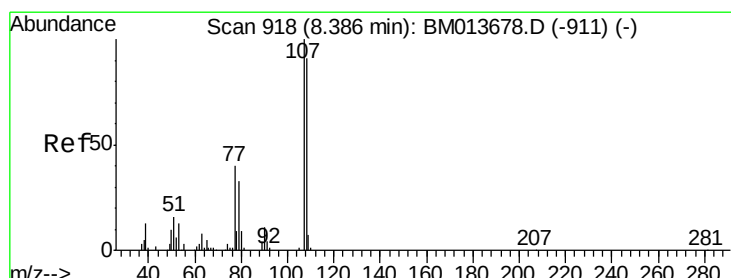
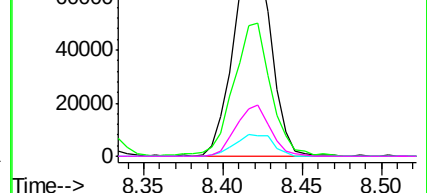
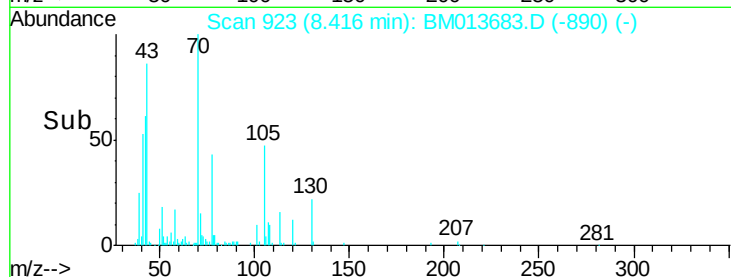
Abundance Ion 70.00 (69.70 to 70.70): BM013683.D (-890) (-)

Ion 42.00 (41.70 to 42.70): BM013683.D (-890) (-)

Ion 101.00 (100.70 to 101.70): BM013683.D (-890) (-)

Ion 130.00 (129.70 to 130.70): BM013683.D (-890) (-)

Time-->



#16

4-Methylphenol

Concen: 21.171 ng/ul

RT: 8.39 min Scan# 918

Delta R.T. 0.00 min

Lab File: BM013683.D

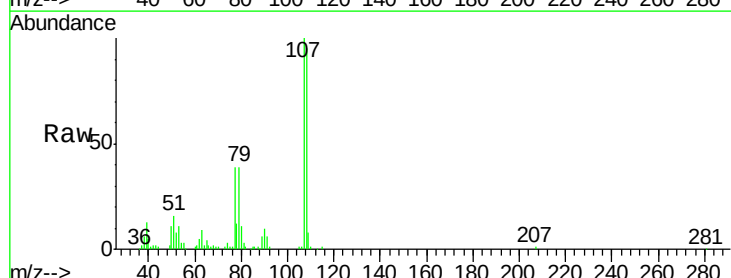
Acq: 20 Jan 2018 15:54

Tgt Ion: 108 Resp: 172618

Ion Ratio Lower Upper

108 100

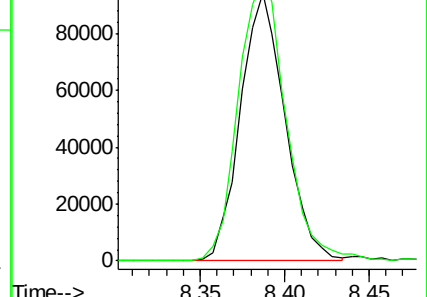
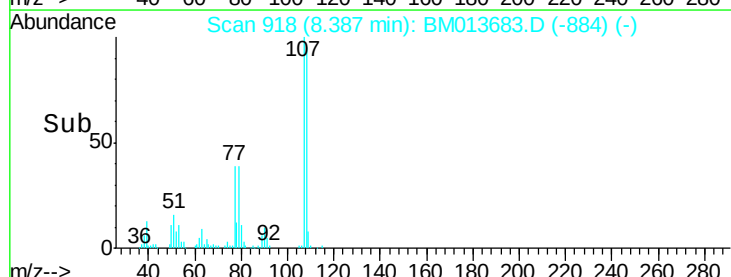
107 105.4 84.9 127.3

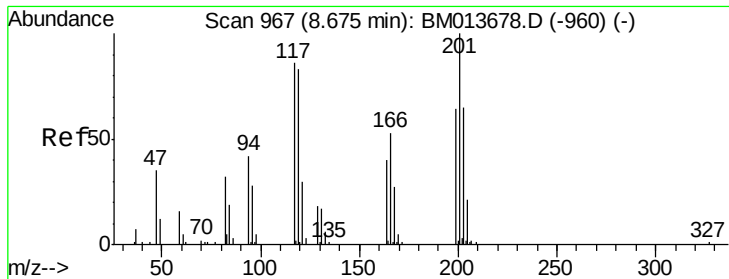


Abundance Ion 108.00 (107.70 to 108.70): BM013683.D (-884) (-)

Ion 107.00 (106.70 to 107.70): BM013683.D (-884) (-)

Time-->

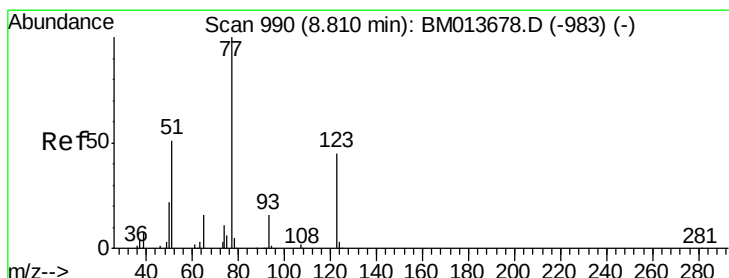
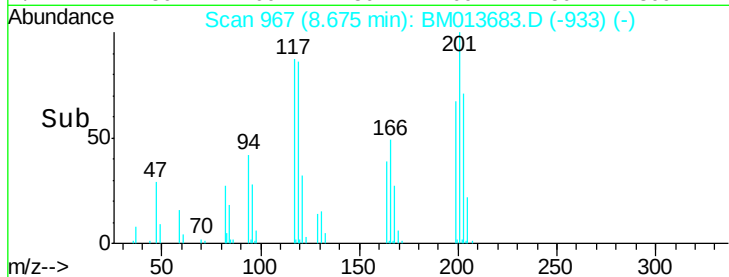
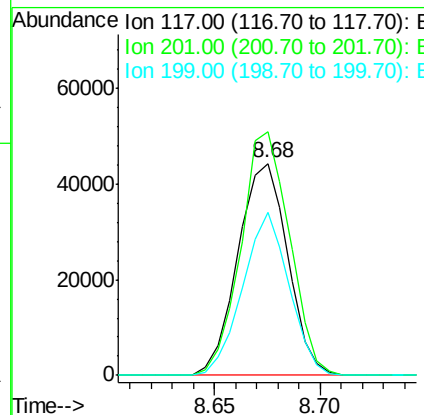
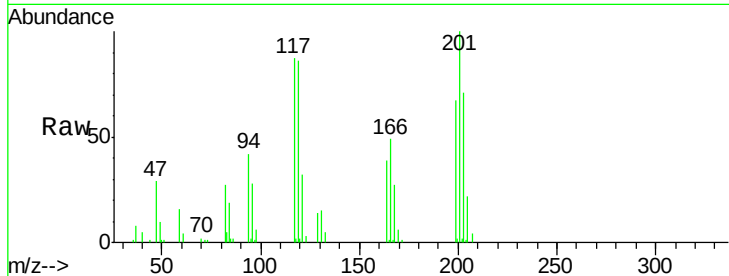




#17
Hexachloroethane
Concen: 17.795 ng/ul
RT: 8.68 min Scan# 967
Delta R.T. 0.00 min
Lab File: BM013683.D
Acq: 20 Jan 2018 15:54

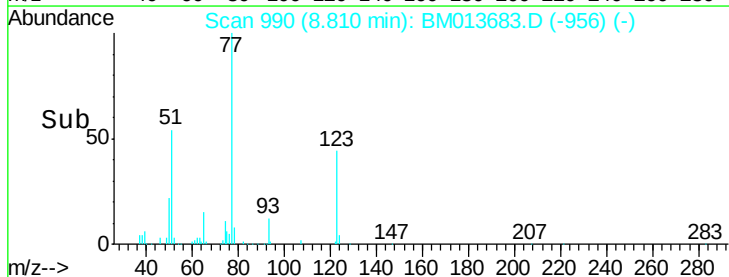
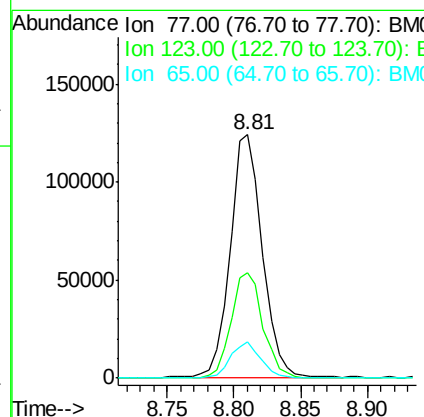
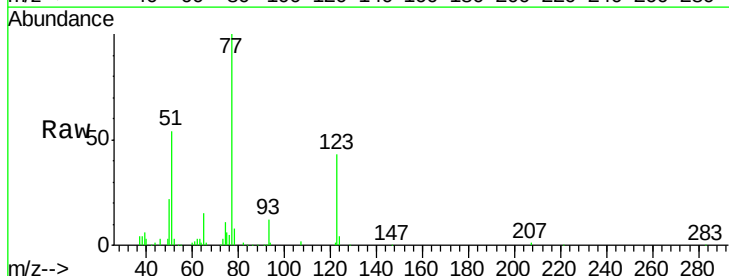
Instrument :
BNA_M
ClientSampleId :

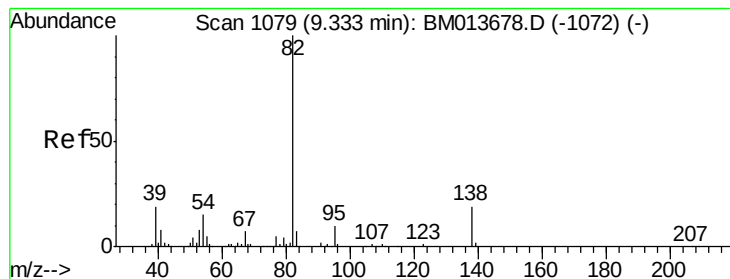
Tot Ion:117 Resp: 72550
Ion Ratio Lower Upper
117 100
201 115.0 111.6 167.4
199 77.0 67.8 101.6



#20
Nitrobenzene
Concen: 18.737 ng/ul
RT: 8.81 min Scan# 990
Delta R.T. 0.00 min
Lab File: BM013683.D
Acq: 20 Jan 2018 15:54

Tgt Ion: 77 Resp: 207197
Ion Ratio Lower Upper
77 100
123 43.5 31.0 46.6
65 14.7 12.2 18.2





#21

Isophorone

Concen: 19.592 ng/ul

RT: 9.33 min Scan# 1079

Delta R.T. 0.00 min

Lab File: BM013683.D

Acq: 20 Jan 2018 15:54

Instrument :

BNA_M

ClientSampled :

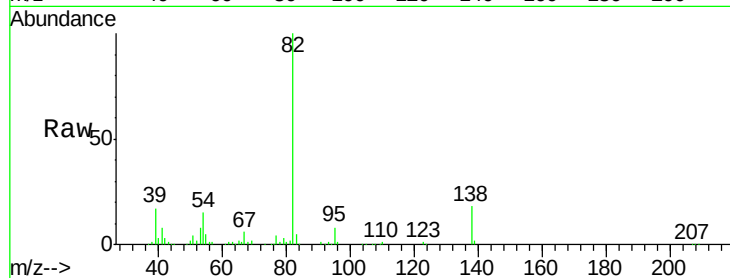
Tot Ion: 82 Resp: 350048

Ion Ratio Lower Upper

82 100

95 8.1 7.8 11.8

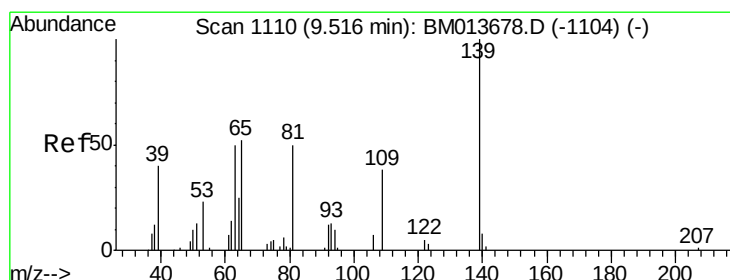
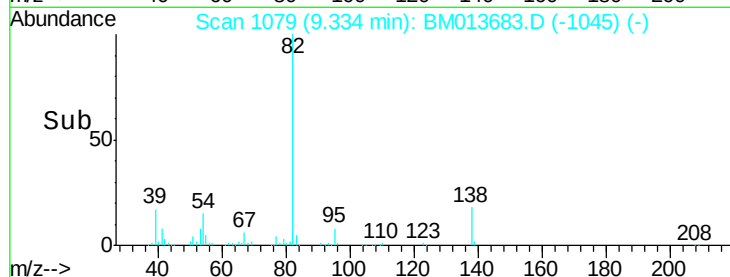
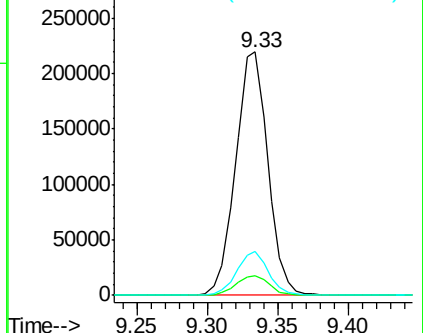
138 18.2 11.9 17.9#



Abundance Ion 82.00 (81.70 to 82.70): BM013678.D (-1072) (-)

Ion 95.00 (94.70 to 95.70): BM013678.D (-1072) (-)

Ion 138.00 (137.70 to 138.70): BM013678.D (-1072) (-)



#23

2-Nitrophenol

Concen: 19.850 ng/ul

RT: 9.52 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BM013683.D

Acq: 20 Jan 2018 15:54

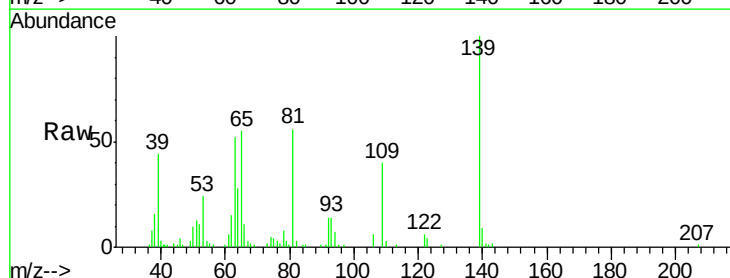
Tgt Ion: 139 Resp: 93572

Ion Ratio Lower Upper

139 100

65 55.4 55.4 83.0

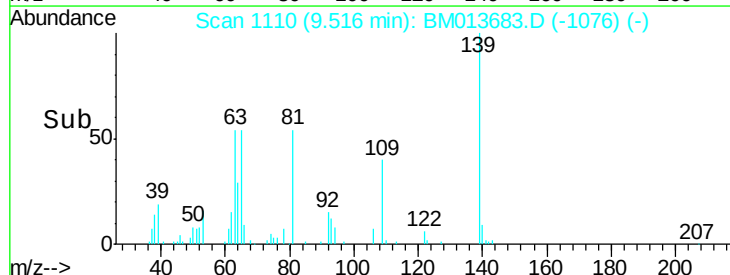
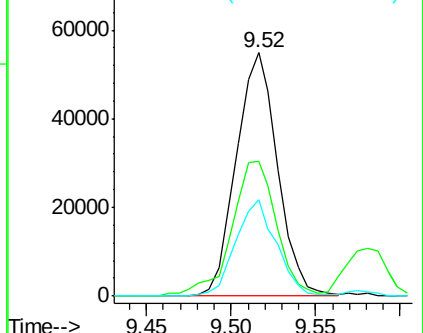
109 39.7 42.2 63.2#

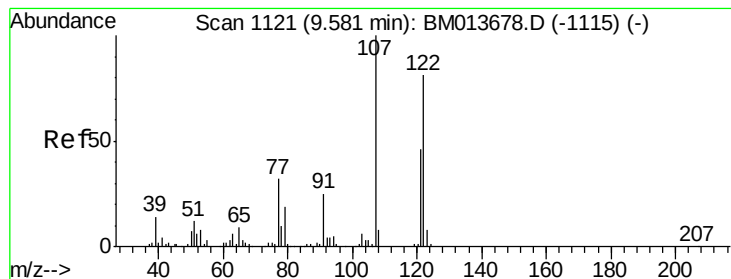


Abundance Ion 139.00 (138.70 to 139.70): BM013678.D (-1104) (-)

Ion 65.00 (64.70 to 65.70): BM013678.D (-1104) (-)

Ion 109.00 (108.70 to 109.70): BM013678.D (-1104) (-)

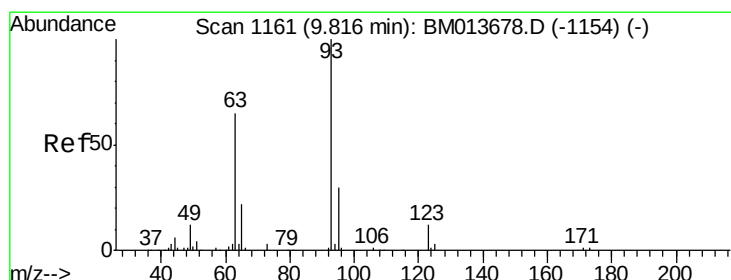
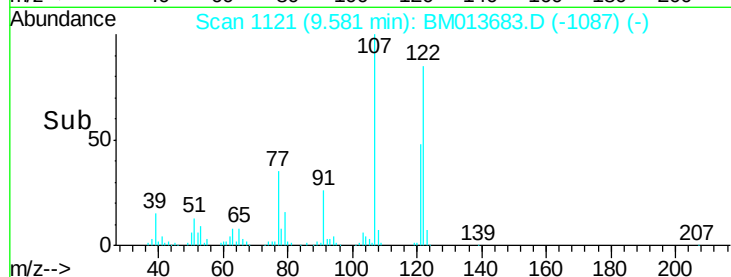
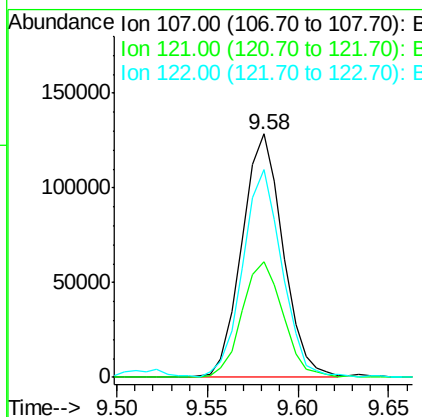
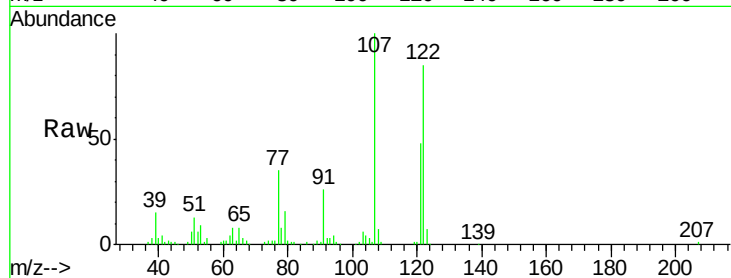




#24
 2,4-Dimethylphenol
 Concen: 20.350 ng/ul
 RT: 9.58 min Scan# 1121
 Delta R.T. 0.00 min
 Lab File: BM013683.D
 Acq: 20 Jan 2018 15:54

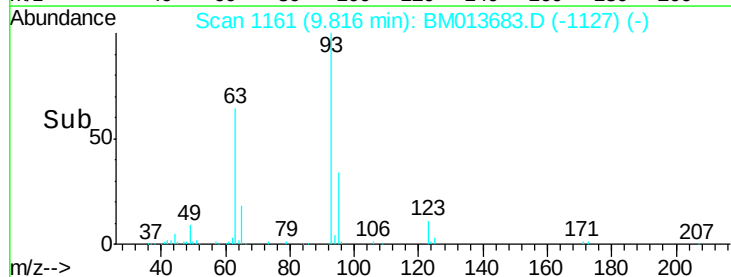
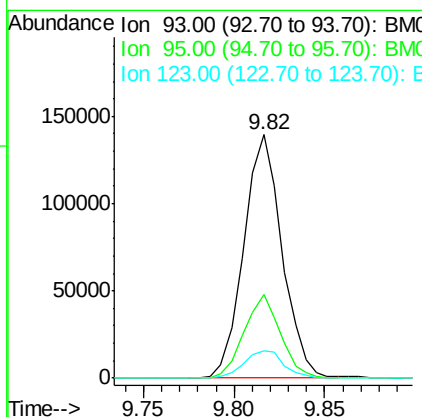
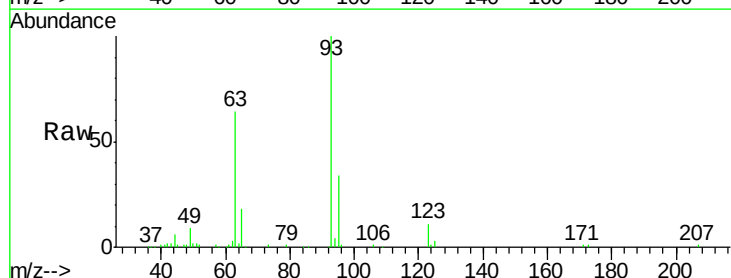
Instrument :
 BNA_M
 ClientSampleId :

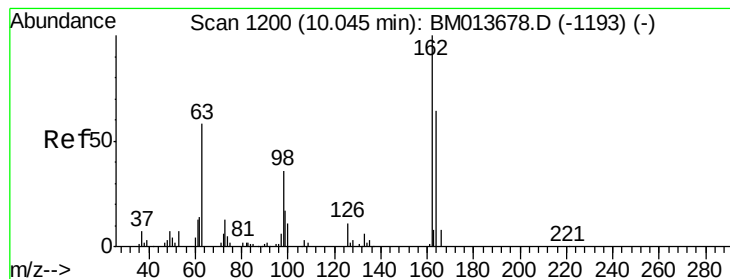
Tot Ion	Ratio	Lower	Upper
107	100		
121	47.6	31.9	47.9
122	85.1	57.8	86.6



#25
 Bis(2-Chloroethoxy)methane
 Concen: 18.748 ng/ul
 RT: 9.82 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BM013683.D
 Acq: 20 Jan 2018 15:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.1	28.5	42.7
123	11.0	8.9	13.3





#27

2,4-Dichlorophenol

Concen: 20.078 ng/ul

RT: 10.05 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BM013683.D

Acq: 20 Jan 2018 15:54

Instrument :

BNA_M

ClientSampleId :

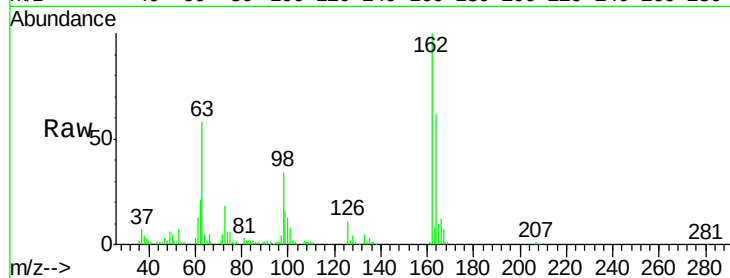
Tot Ion:162 Resp: 169079

Ion Ratio Lower Upper

162 100

164 61.8 47.8 71.6

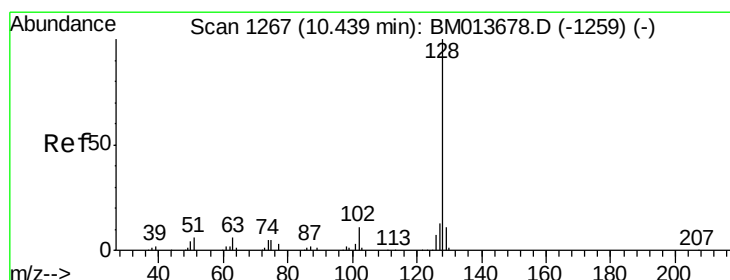
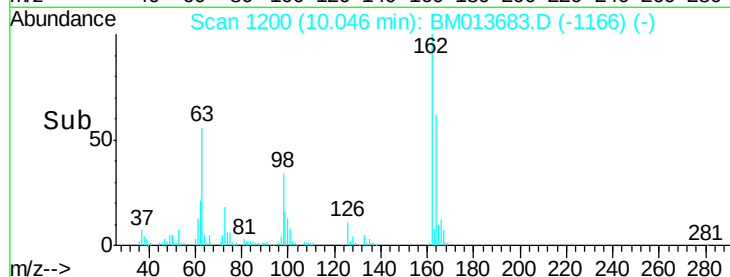
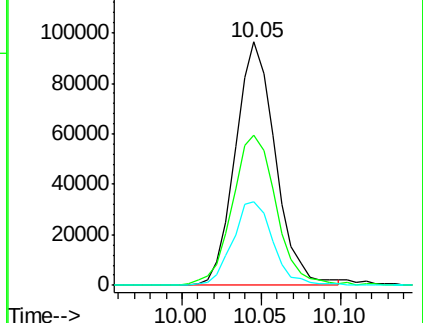
98 34.2 23.0 34.4



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): BM



#28

Naphthalene

Concen: 20.174 ng/ul

RT: 10.44 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BM013683.D

Acq: 20 Jan 2018 15:54

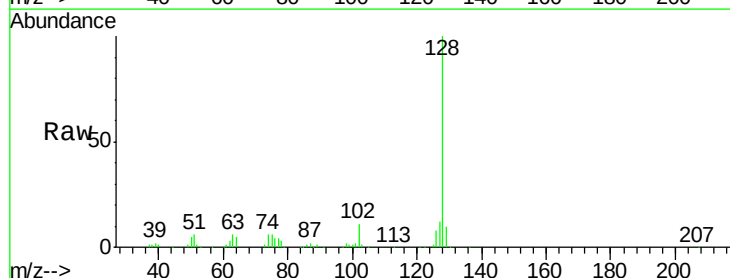
Tgt Ion:128 Resp: 553689

Ion Ratio Lower Upper

128 100

129 10.2 8.8 13.2

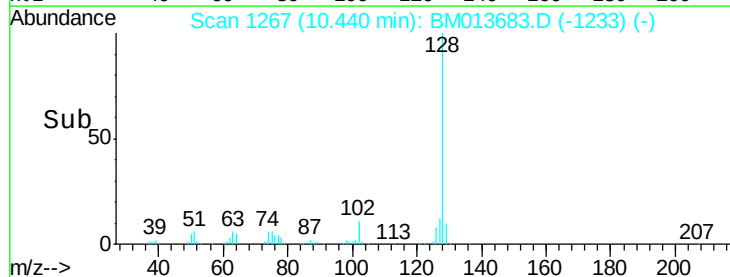
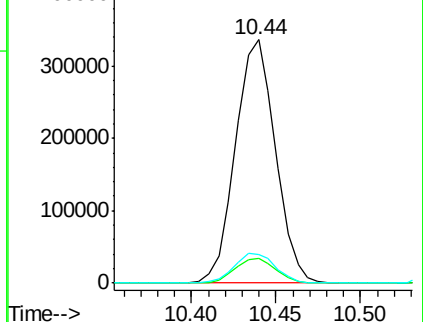
127 12.0 10.6 16.0

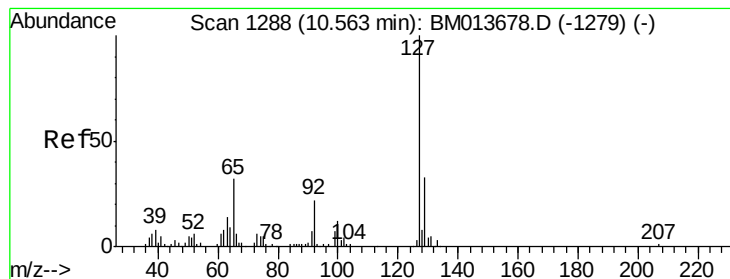


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#30

4-Chloroaniline

Concen: 25.410 ng/ul

RT: 10.56 min Scan# 1288

Delta R.T. 0.00 min

Lab File: BM013683.D

Acq: 20 Jan 2018 15:54

Instrument :

BNA_M

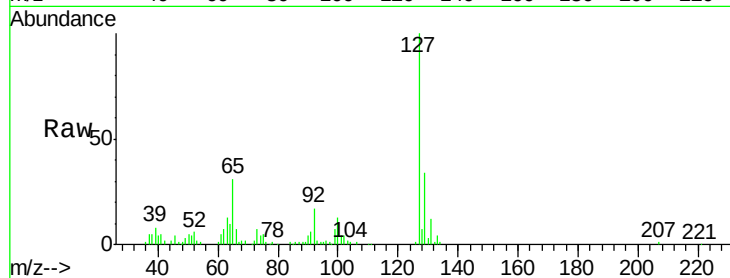
ClientSampled :

Tot Ion:127 Resp: 191018

Ion Ratio Lower Upper

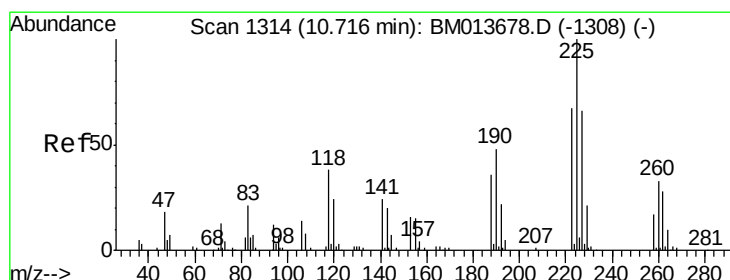
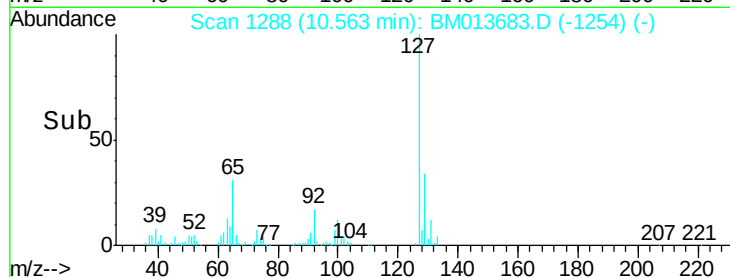
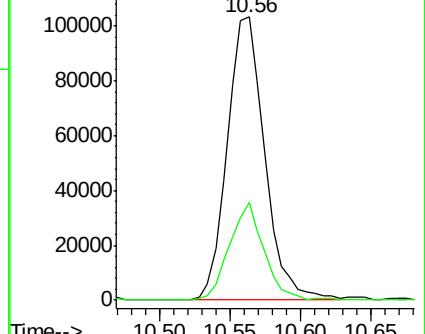
127 100

129 34.4 28.4 42.6



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E



#31

Hexachlorobutadiene

Concen: 18.152 ng/ul

RT: 10.72 min Scan# 1314

Delta R.T. 0.00 min

Lab File: BM013683.D

Acq: 20 Jan 2018 15:54

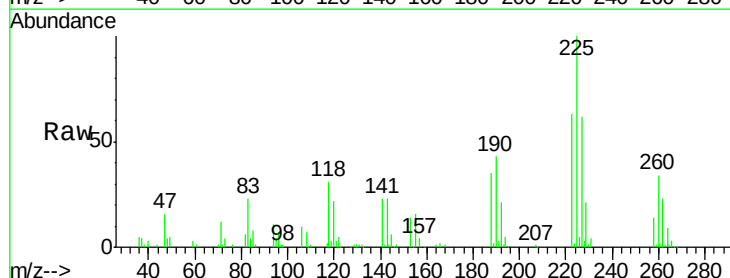
Tgt Ion:225 Resp: 125474

Ion Ratio Lower Upper

225 100

223 65.1 49.4 74.2

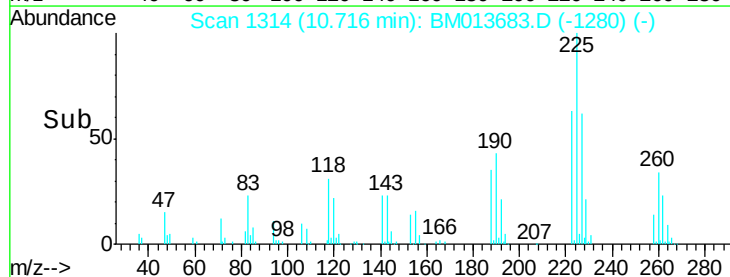
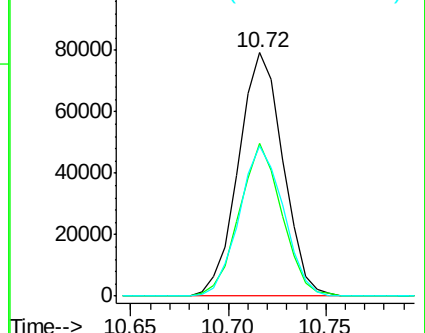
227 61.7 45.4 68.2

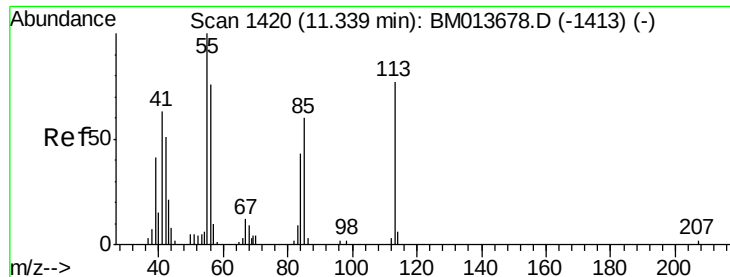


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#32

Caprolactam

Concen: 22.603 ng/ul

RT: 11.33 min Scan# 1419

Delta R.T. -0.01 min

Lab File: BM013683.D

Acq: 20 Jan 2018 15:54

Instrument :

BNA_M

ClientSampleId :

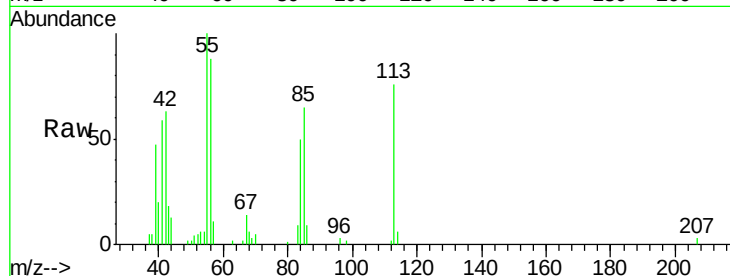
Tot Ion:113 Resp: 52952

Ion Ratio Lower Upper

113 100

55 131.7 208.0 312.0#

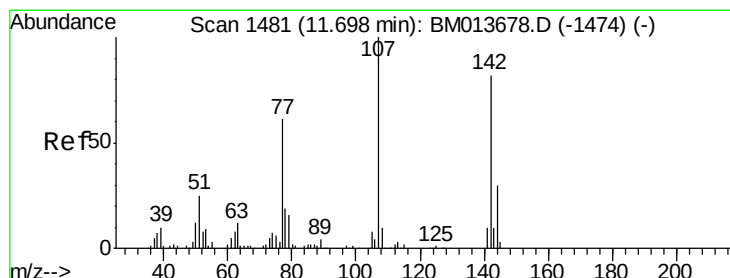
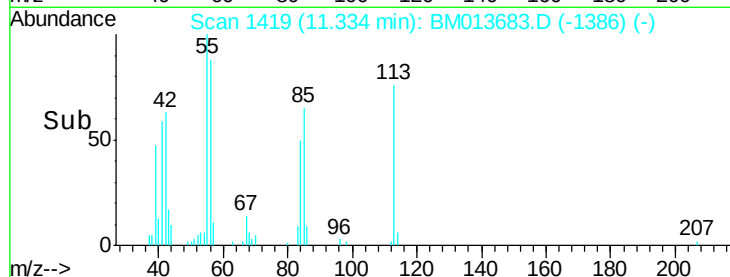
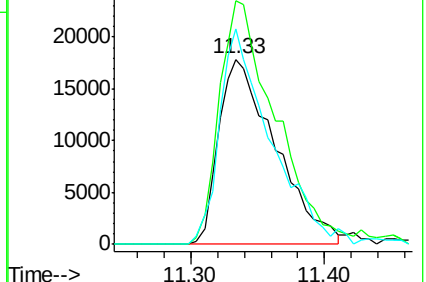
56 116.5 160.0 240.0#



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: 20.835 ng/ul

RT: 11.70 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BM013683.D

Acq: 20 Jan 2018 15:54

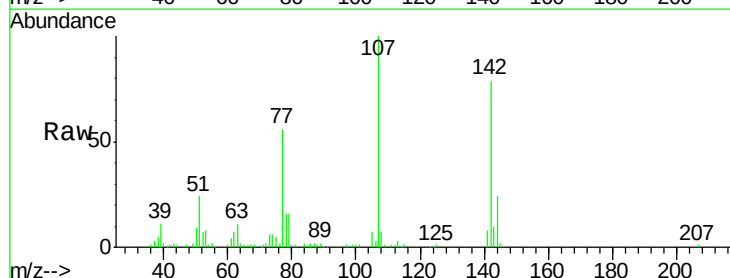
Tgt Ion:107 Resp: 177868

Ion Ratio Lower Upper

107 100

144 24.0 20.4 30.6

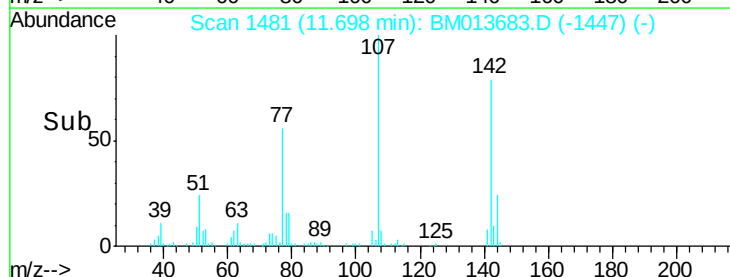
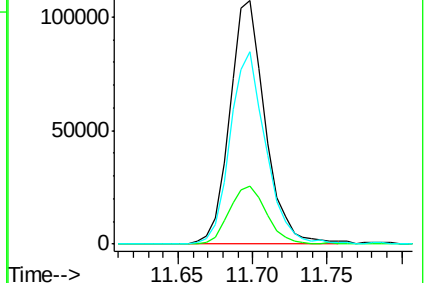
142 79.2 60.5 90.7

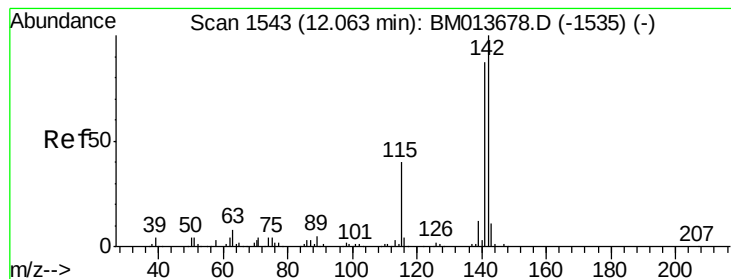


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 19.998 ng/ul

RT: 12.06 min Scan# 1542

Delta R.T. -0.01 min

Lab File: BM013683.D

Acq: 20 Jan 2018 15:54

Instrument :

BNA_M

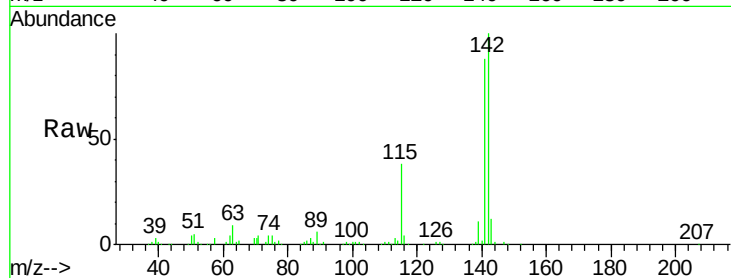
ClientSampled :

Tot Ion:142 Resp: 409211

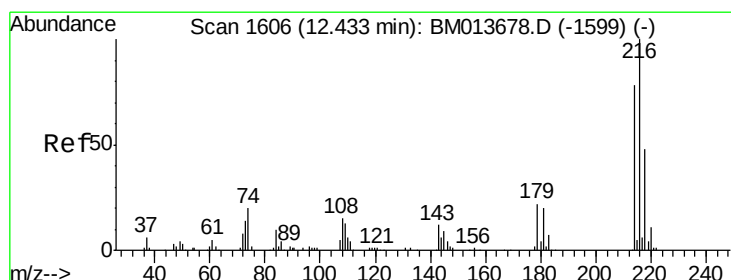
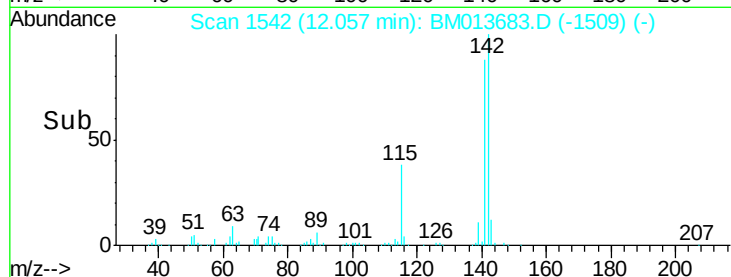
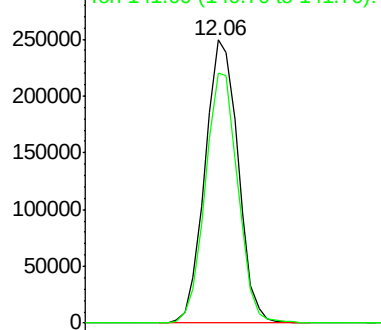
Ion Ratio Lower Upper

142 100

141 88.1 74.1 111.1



Abundance Ion 142.00 (141.70 to 142.70): E



#36

1,2,4,5-Tetrachlorobenzene

Concen: 19.115 ng/ul

RT: 12.43 min Scan# 1606

Delta R.T. 0.00 min

Lab File: BM013683.D

Acq: 20 Jan 2018 15:54

Tgt Ion:216 Resp: 228270

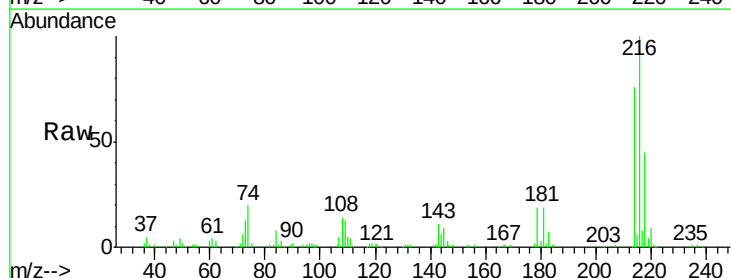
Ion Ratio Lower Upper

216 100

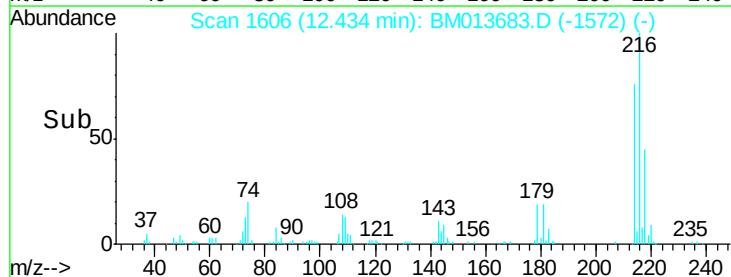
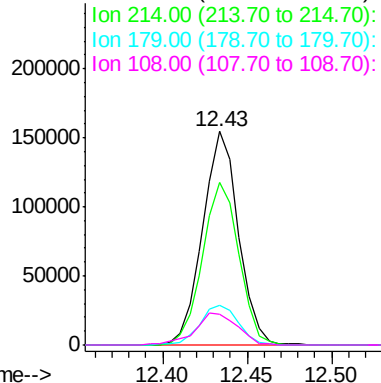
214 76.3 60.6 90.8

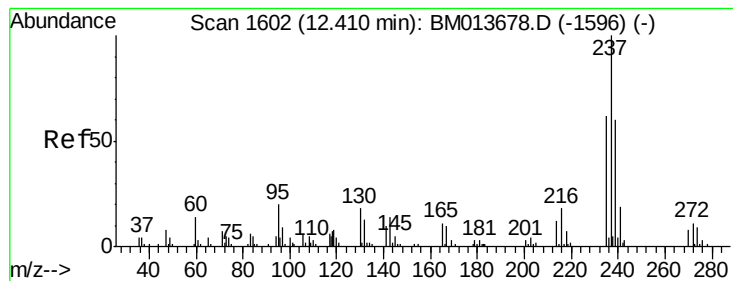
179 18.8 17.5 26.3

108 14.4 11.3 16.9



Abundance Ion 216.00 (215.70 to 216.70): E





#37

Hexachlorocyclopentadiene

Concen: 13.627 ng/ul

RT: 12.41 min Scan# 1602

Delta R.T. 0.00 min

Lab File: BM013683.D

Acq: 20 Jan 2018 15:54

Instrument :

BNA_M

ClientSampleId :

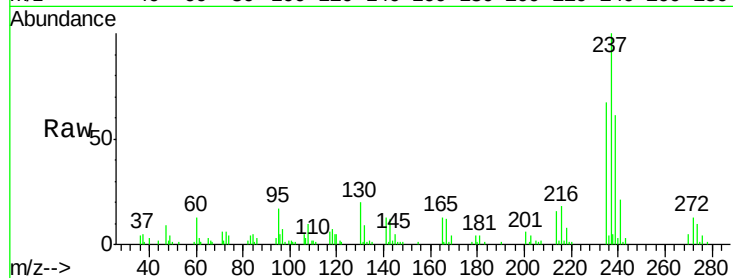
Tot Ion:237 Resp: 67559

Ion Ratio Lower Upper

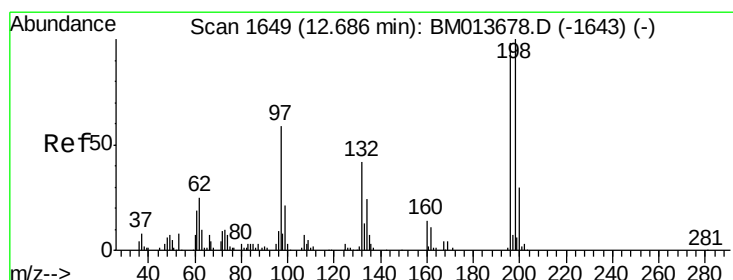
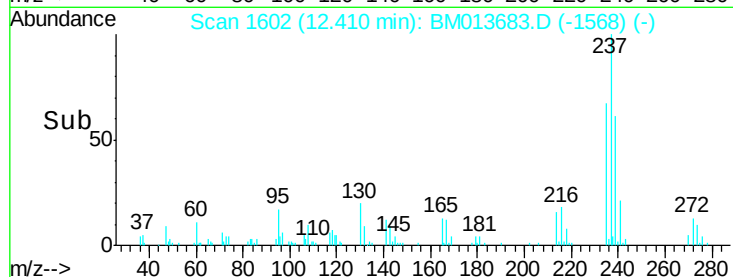
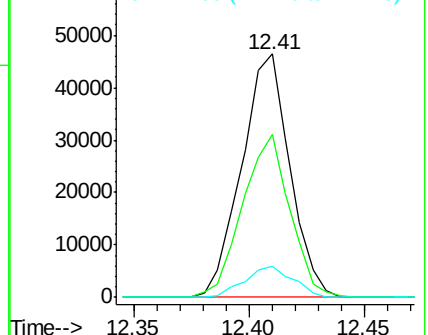
237 100

235 66.8 50.2 75.4

272 12.6 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: 21.065 ng/ul

RT: 12.69 min Scan# 1649

Delta R.T. 0.00 min

Lab File: BM013683.D

Acq: 20 Jan 2018 15:54

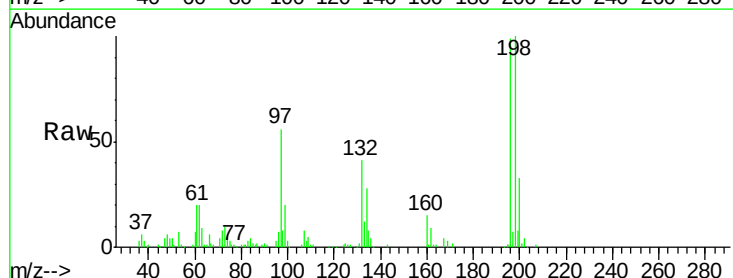
Tgt Ion:196 Resp: 145615

Ion Ratio Lower Upper

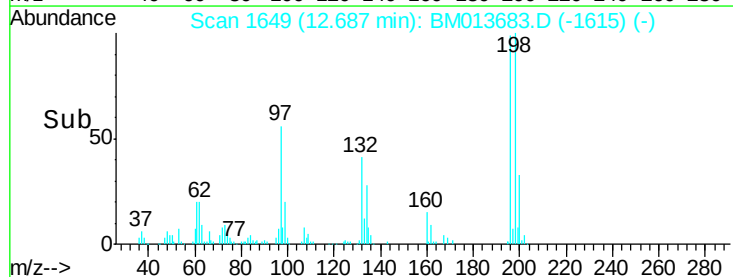
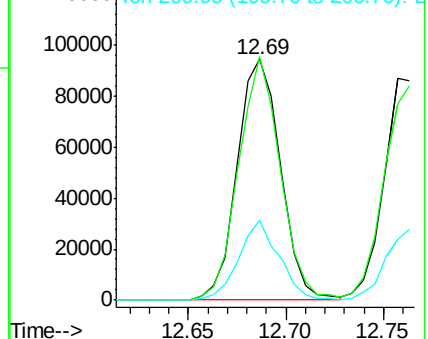
196 100

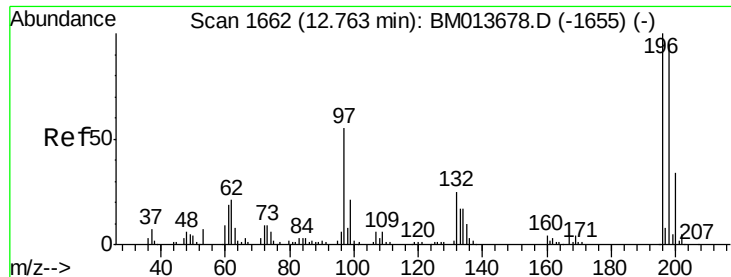
198 101.3 74.1 111.1

200 33.1 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

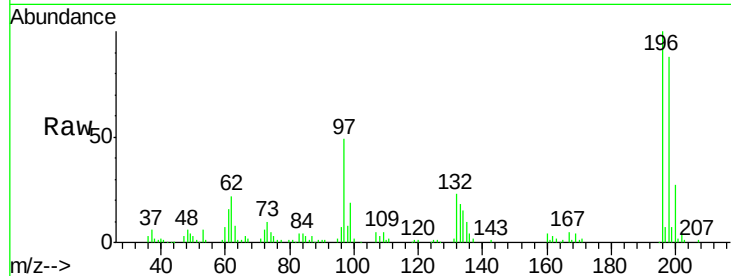




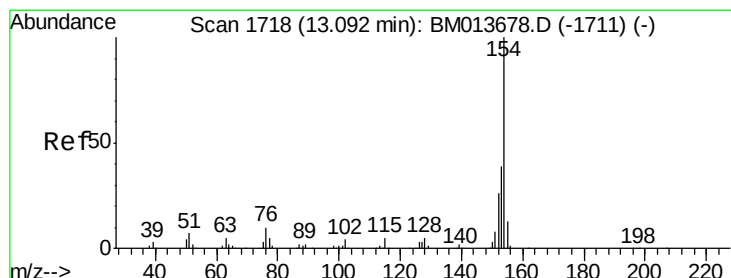
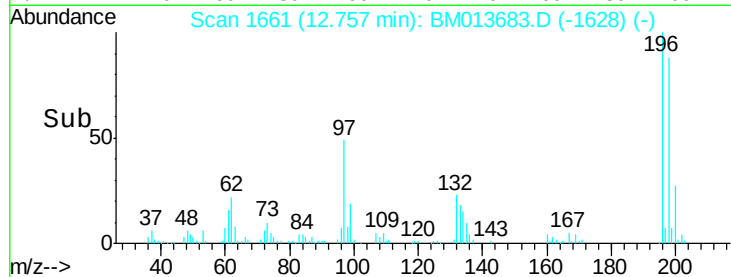
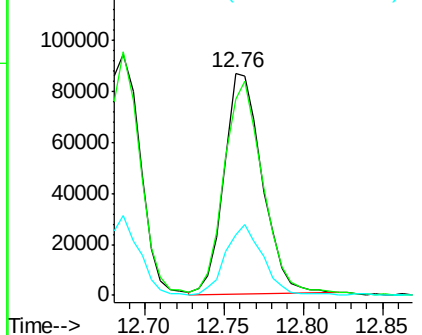
#39
 2,4,5-Trichlorophenol
 Concen: 20.030 ng/ul
 RT: 12.76 min Scan# 1661
 Delta R.T. -0.01 min
 Lab File: BM013683.D
 Acq: 20 Jan 2018 15:54

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:196 Resp: 144072
 Ion Ratio Lower Upper
 196 100
 198 88.3 75.6 113.4
 200 27.4 25.5 38.3

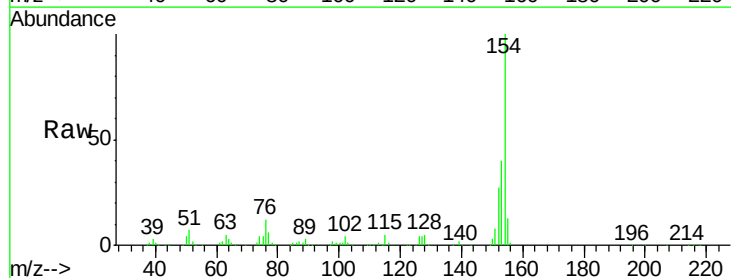


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

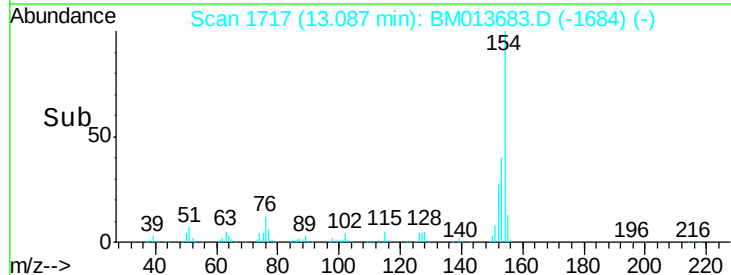
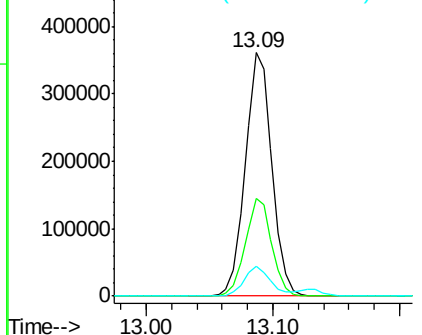


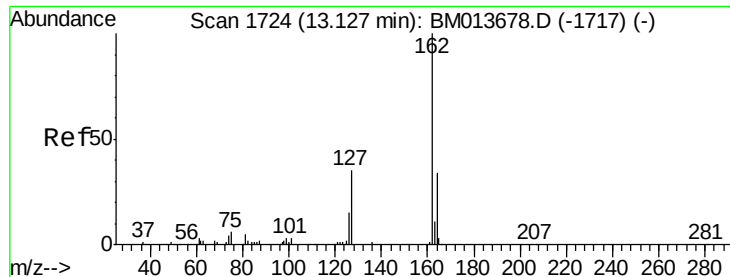
#40
 1,1'-Biphenyl
 Concen: 19.546 ng/ul
 RT: 13.09 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BM013683.D
 Acq: 20 Jan 2018 15:54

Tgt Ion:154 Resp: 524361
 Ion Ratio Lower Upper
 154 100
 153 39.9 32.6 48.8
 76 12.3 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

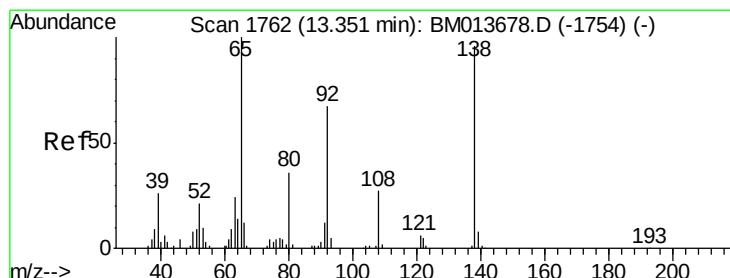
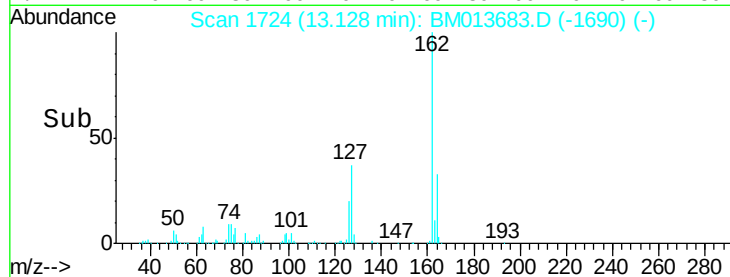
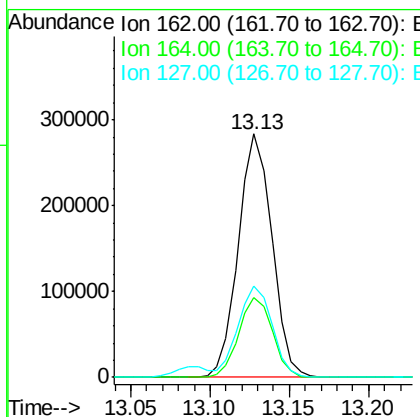
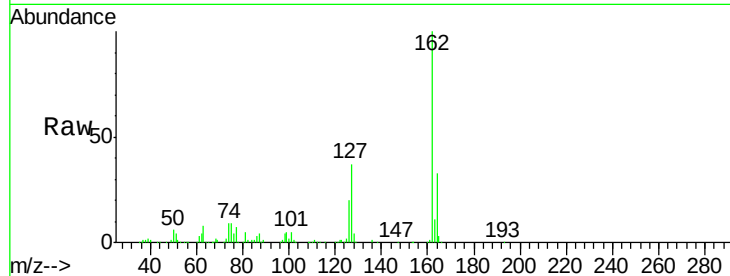




#41
 2-Chloronaphthalene
 Concen: 19.985 ng/ul
 RT: 13.13 min Scan# 1724
 Delta R.T. 0.00 min
 Lab File: BM013683.D
 Acq: 20 Jan 2018 15:54

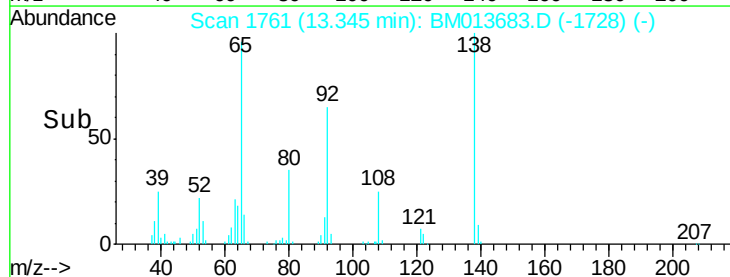
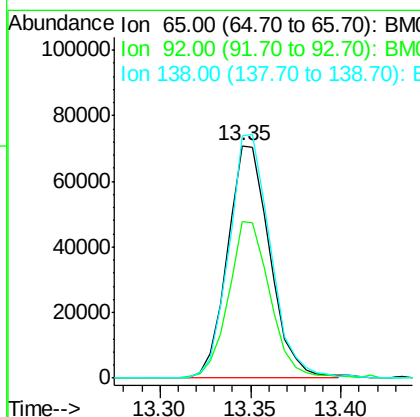
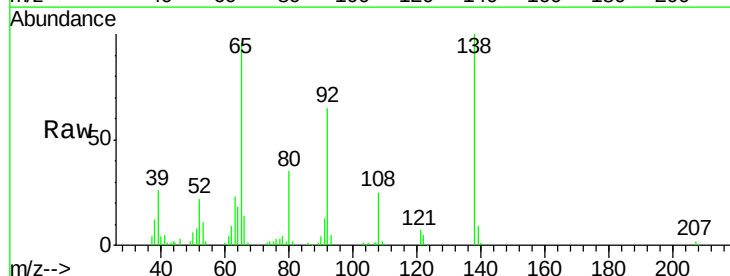
Instrument :
 BNA_M
 ClientSampleId :

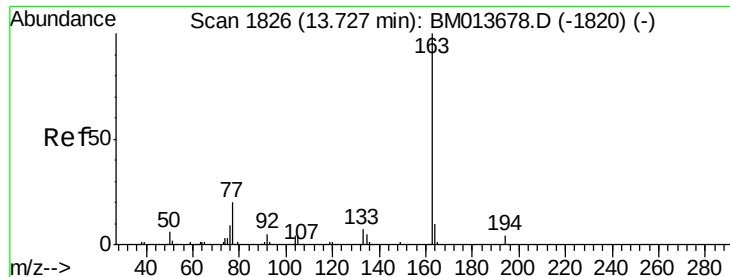
Tot Ion	Ratio	Lower	Upper
162	100		
164	32.8	25.9	38.9
127	37.4	29.4	44.2



#42
 2-Nitroaniline
 Concen: 19.927 ng/ul
 RT: 13.35 min Scan# 1761
 Delta R.T. -0.01 min
 Lab File: BM013683.D
 Acq: 20 Jan 2018 15:54

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.4	51.8	77.6
138	104.3	74.2	111.4

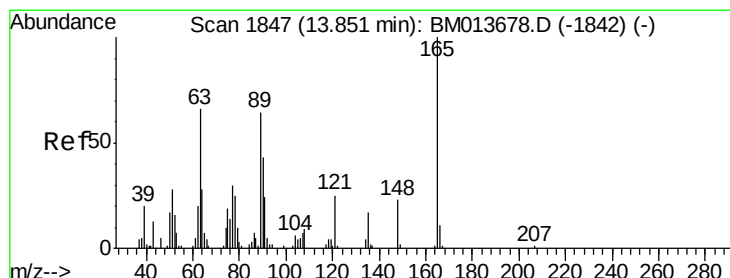
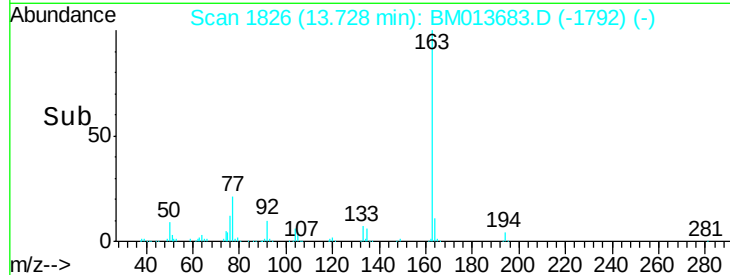
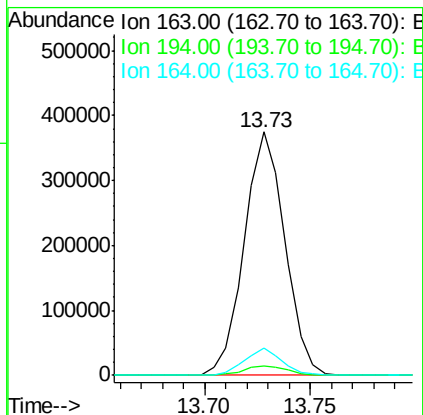
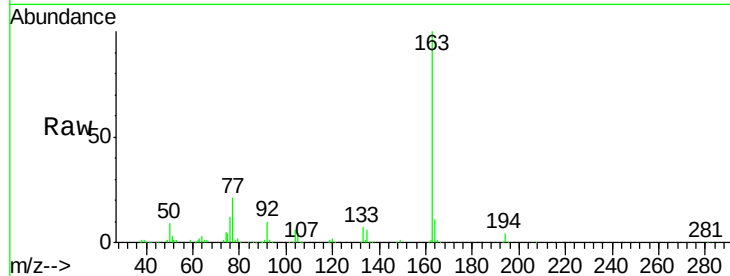




#44
Dimethylphthalate
Concen: 19.129 ng/ul
RT: 13.73 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BM013683.D
Acq: 20 Jan 2018 15:54

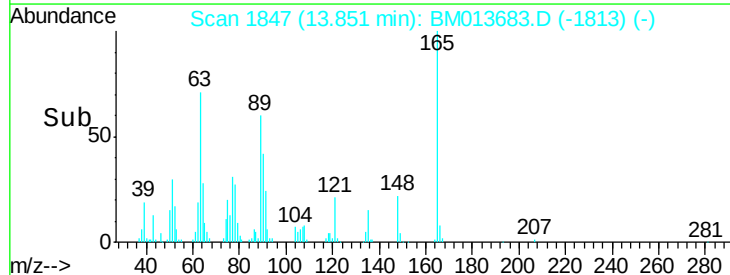
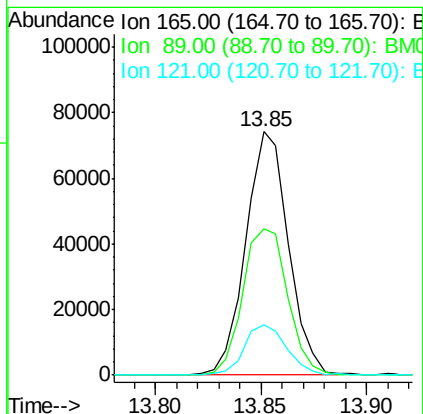
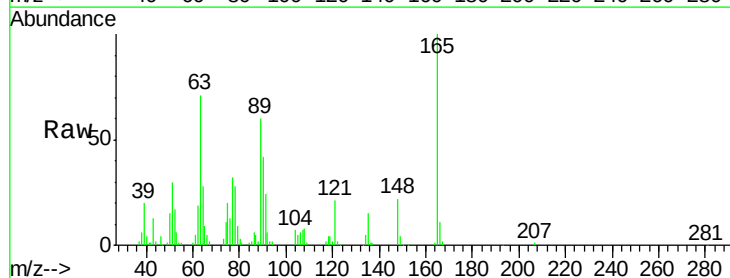
Instrument :
BNA_M
ClientSampled :

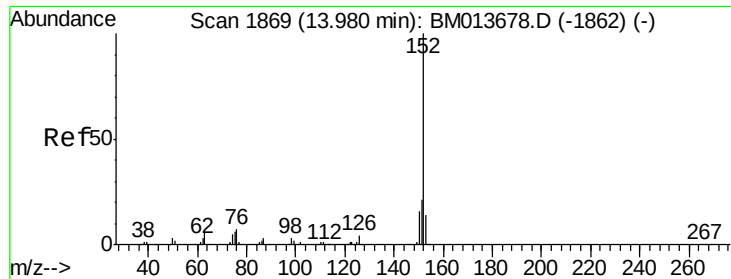
Tot Ion:163 Resp: 499596
Ion Ratio Lower Upper
163 100
194 3.9 3.5 5.3
164 11.0 8.2 12.4



#45
2,6-Dinitrotoluene
Concen: 20.611 ng/ul
RT: 13.85 min Scan# 1847
Delta R.T. 0.00 min
Lab File: BM013683.D
Acq: 20 Jan 2018 15:54

Tgt Ion:165 Resp: 104315
Ion Ratio Lower Upper
165 100
89 59.9 52.6 79.0
121 20.7 14.6 22.0





#47

Acenaphthylene

Concen: 19.788 ng/ul

RT: 13.98 min Scan# 1869

Delta R.T. 0.00 min

Lab File: BM013683.D

Acq: 20 Jan 2018 15:54

Instrument :

BNA_M

ClientSampled :

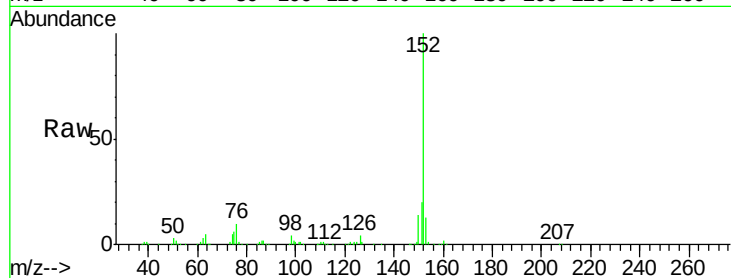
Tot Ion:152 Resp: 613269

Ion Ratio Lower Upper

152 100

151 20.1 16.3 24.5

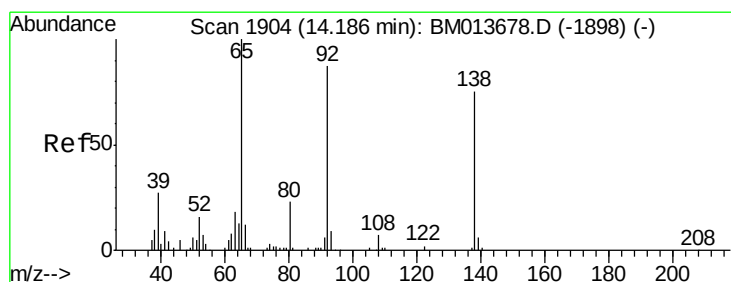
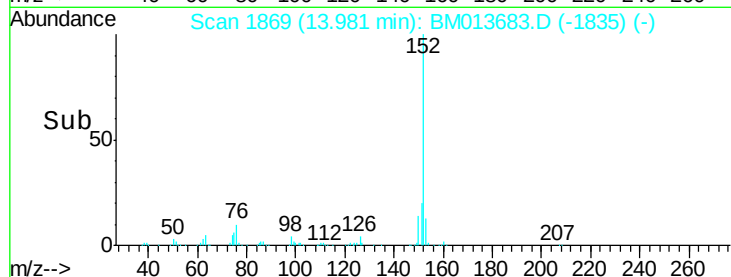
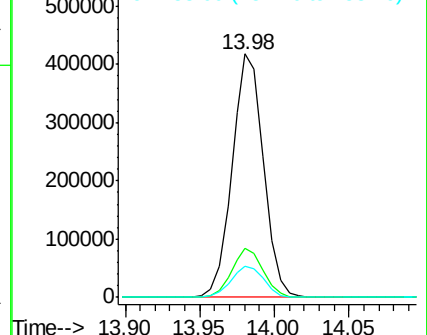
153 12.6 10.2 15.4



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: 22.476 ng/ul

RT: 14.19 min Scan# 1904

Delta R.T. 0.00 min

Lab File: BM013683.D

Acq: 20 Jan 2018 15:54

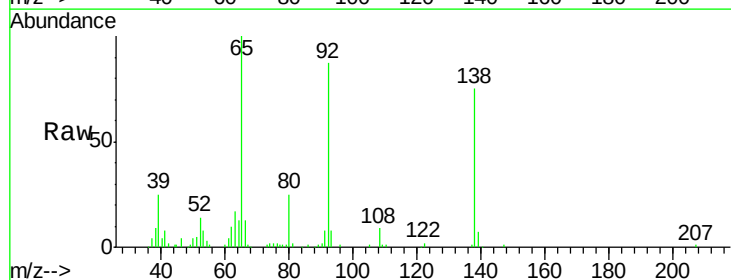
Tgt Ion:138 Resp: 89459

Ion Ratio Lower Upper

138 100

108 12.0 9.9 14.9

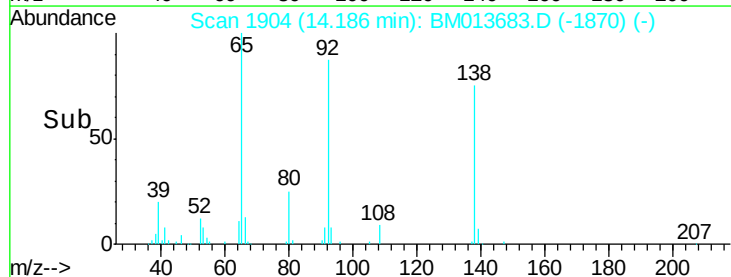
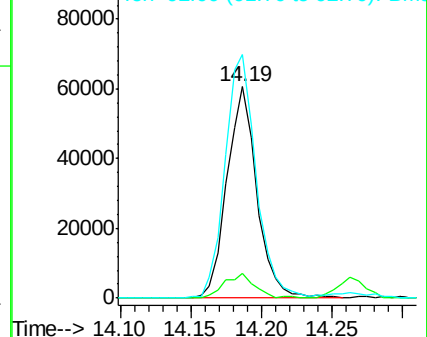
92 115.3 105.0 157.4

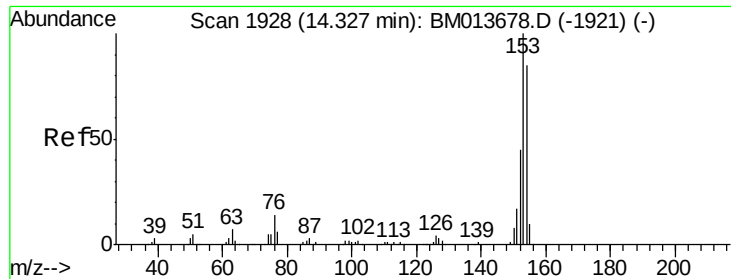


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 19.216 ng/ul

RT: 14.33 min Scan# 1928

Delta R.T. 0.00 min

Lab File: BM013683.D

Acq: 20 Jan 2018 15:54

Instrument :

BNA_M

ClientSampleId :

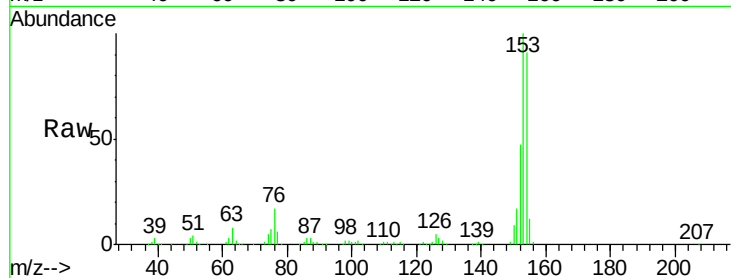
Tot Ion:153 Resp: 412452

Ion Ratio Lower Upper

153 100

152 47.3 37.6 56.4

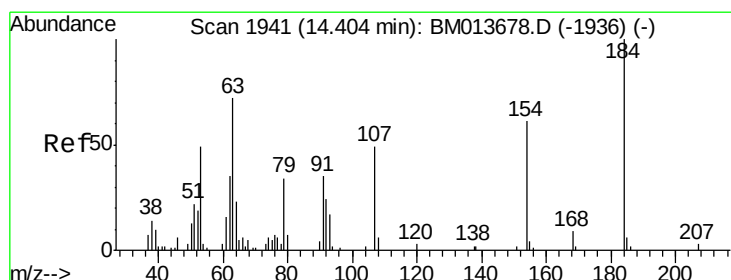
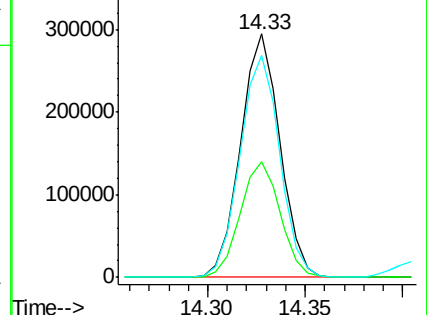
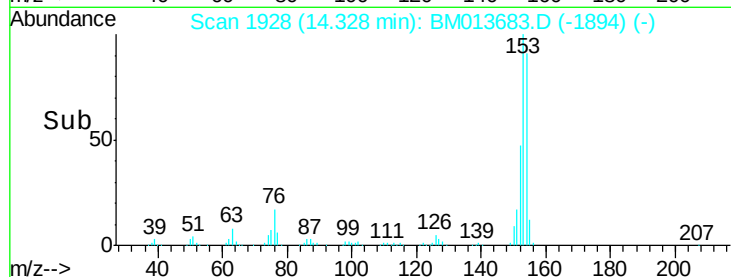
154 91.1 70.4 105.6



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: 16.730 ng/ul

RT: 14.40 min Scan# 1941

Delta R.T. 0.00 min

Lab File: BM013683.D

Acq: 20 Jan 2018 15:54

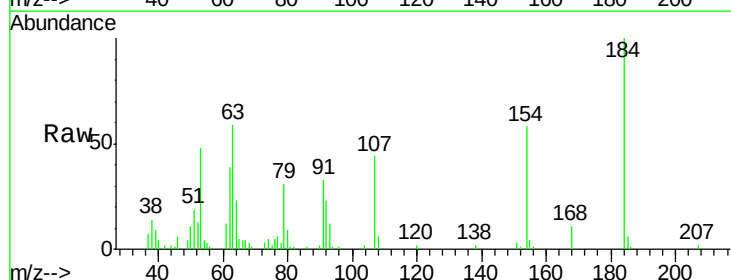
Tgt Ion:184 Resp: 48536

Ion Ratio Lower Upper

184 100

63 58.6 50.1 75.1

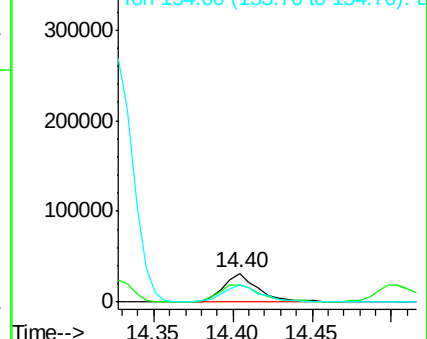
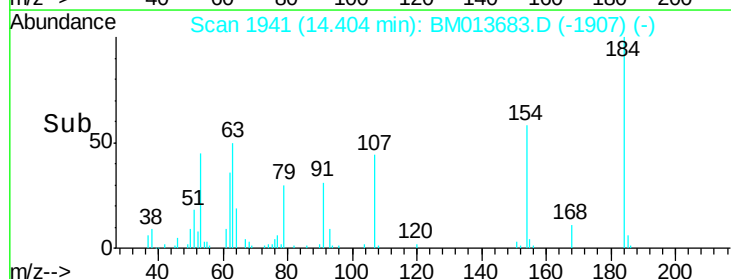
154 57.7 54.5 81.7

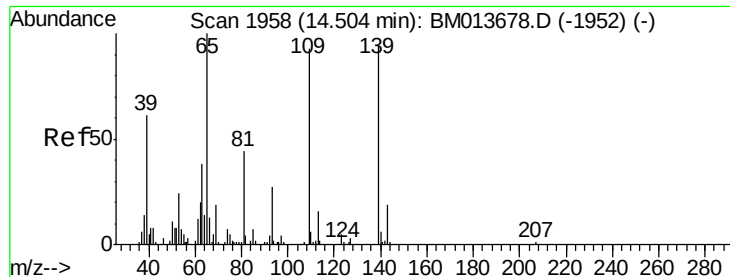


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 18.593 ng/ul

RT: 14.50 min Scan# 1958

Delta R.T. 0.00 min

Lab File: BM013683.D

Acq: 20 Jan 2018 15:54

Instrument :

BNA_M

ClientSampleId :

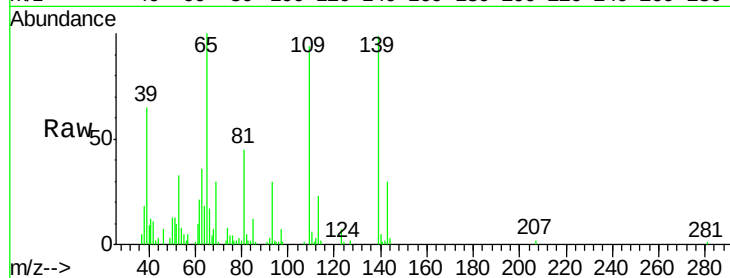
Tot Ion:109 Resp: 81532

Ion Ratio Lower Upper

109 100

139 105.7 80.0 120.0

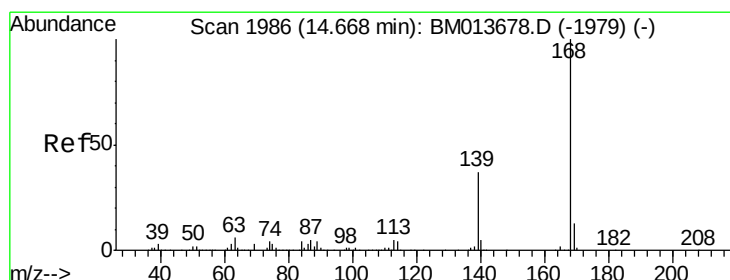
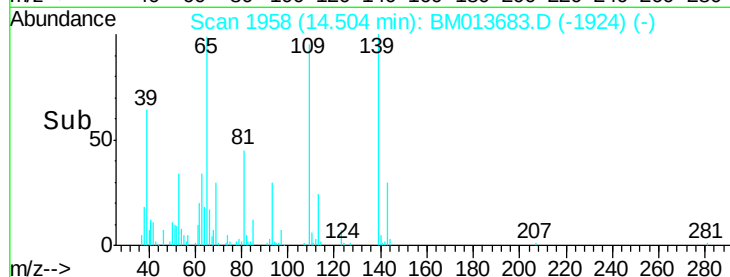
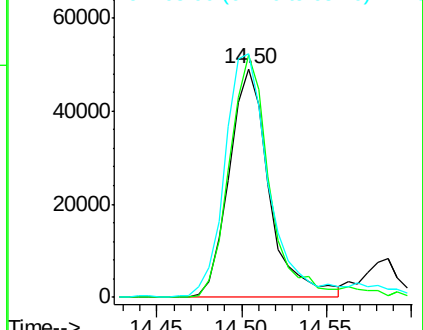
65 106.4 120.0 180.0#



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: 19.210 ng/ul

RT: 14.67 min Scan# 1986

Delta R.T. 0.00 min

Lab File: BM013683.D

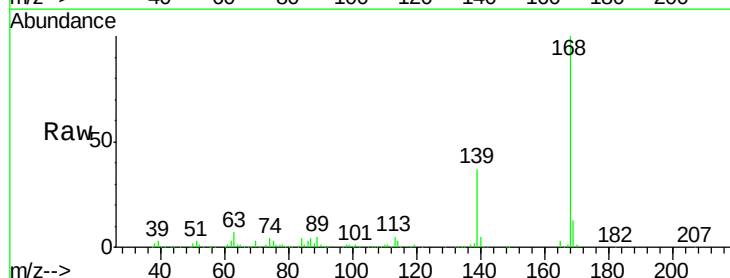
Acq: 20 Jan 2018 15:54

Tgt Ion:168 Resp: 620287

Ion Ratio Lower Upper

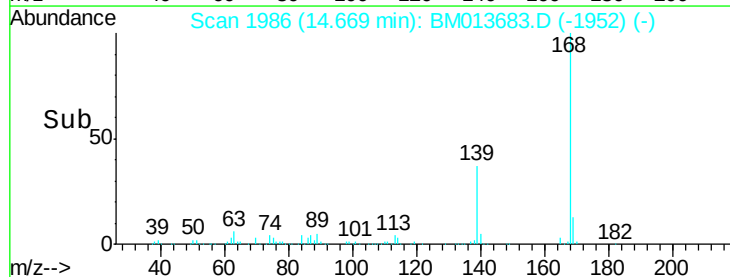
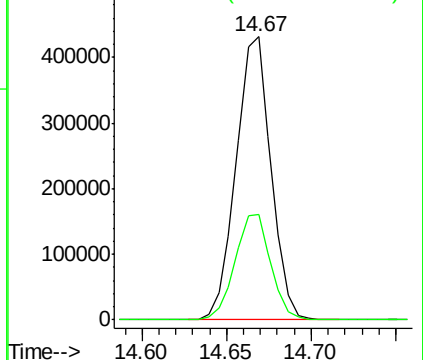
168 100

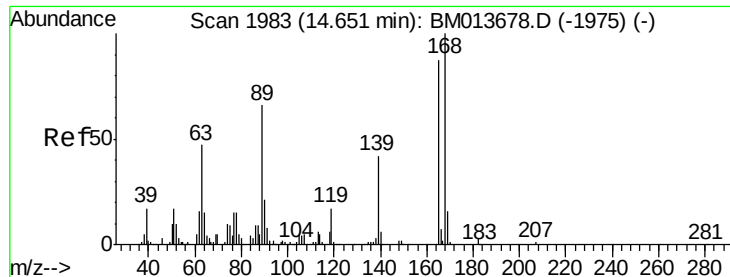
139 37.3 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

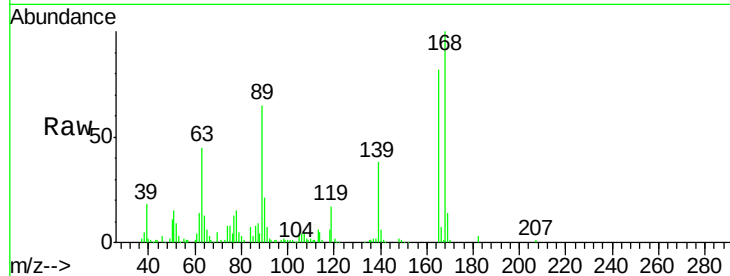




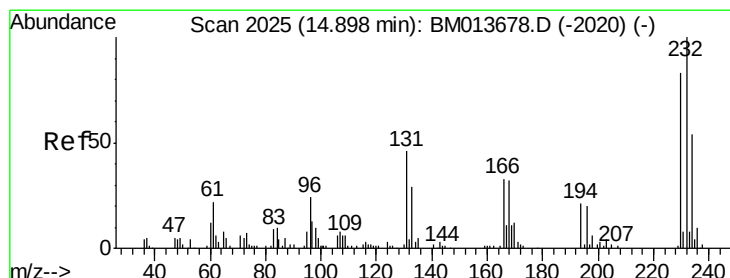
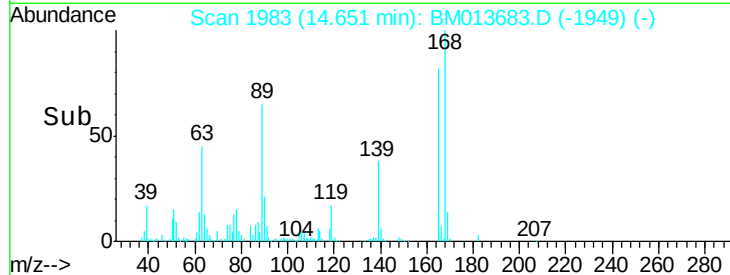
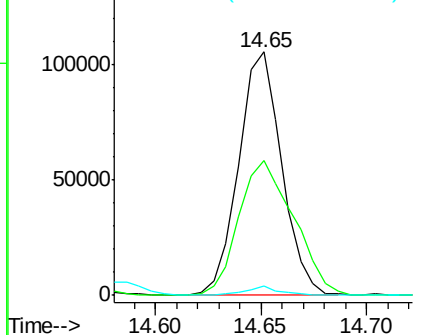
#54
2,4-Dinitrotoluene
Concen: 20.173 ng/ul
RT: 14.65 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BM013683.D
Acq: 20 Jan 2018 15:54

Instrument :
BNA_M
ClientSampleId :

Tot Ion:165 Resp: 148829
Ion Ratio Lower Upper
165 100
63 55.3 45.8 68.8
182 3.6 2.6 4.0

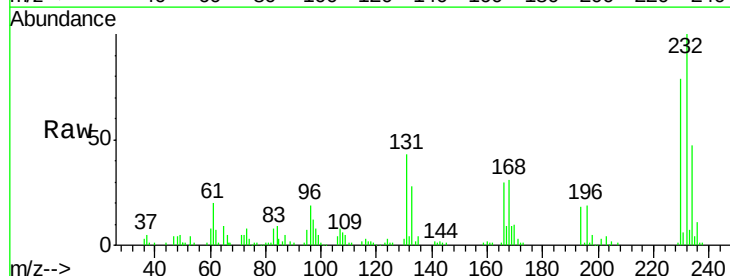


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM013683.D (-1949) (-)
Ion 182.00 (181.70 to 182.70): E

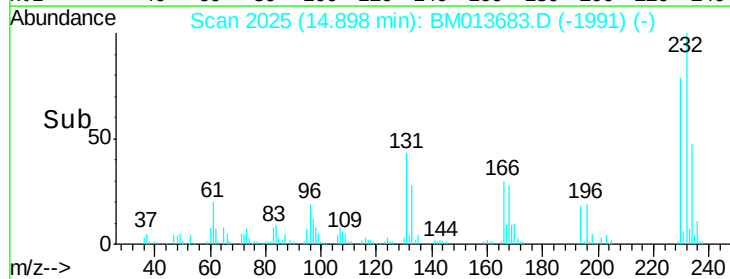
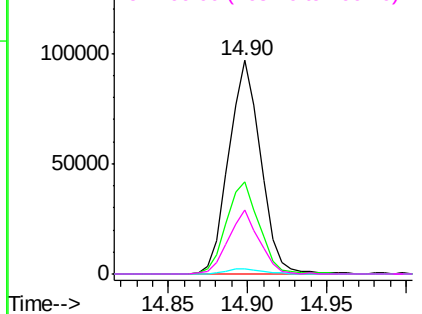


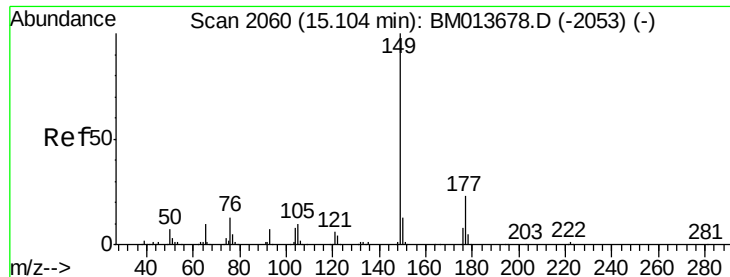
#55
2,3,4,6-Tetrachlorophenol
Concen: 20.056 ng/ul
RT: 14.90 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BM013683.D
Acq: 20 Jan 2018 15:54

Tgt Ion:232 Resp: 135691
Ion Ratio Lower Upper
232 100
131 43.0 29.0 43.4
130 2.6 2.0 3.0
166 30.2 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

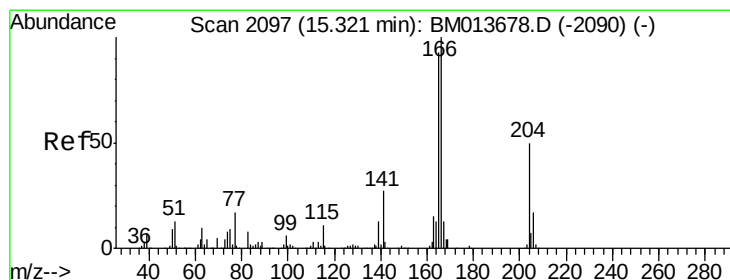
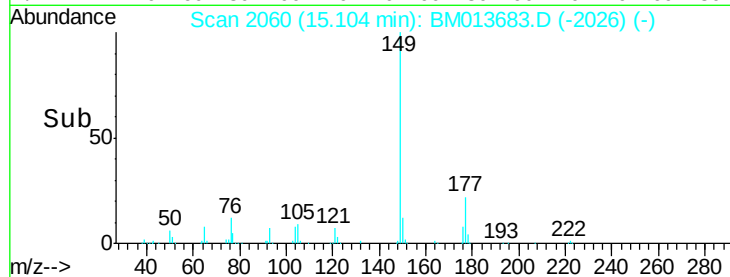
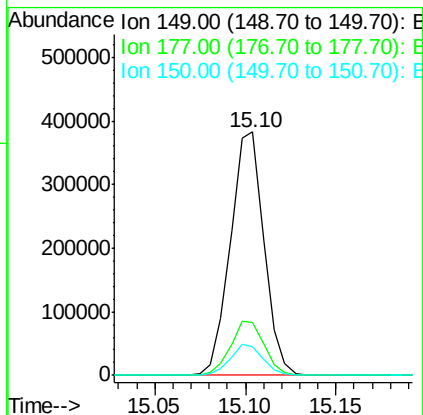
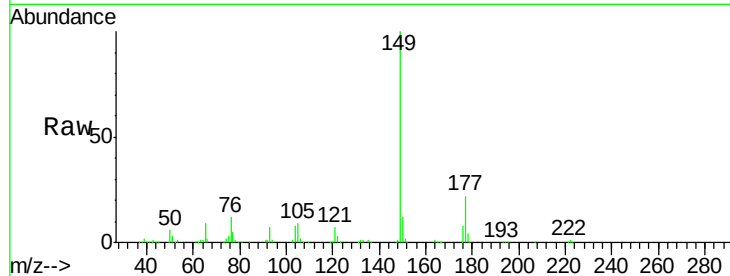




#56
Diethylphthalate
Concen: 18.779 ng/ul
RT: 15.10 min Scan# 2060
Delta R.T. 0.00 min
Lab File: BM013683.D
Acq: 20 Jan 2018 15:54

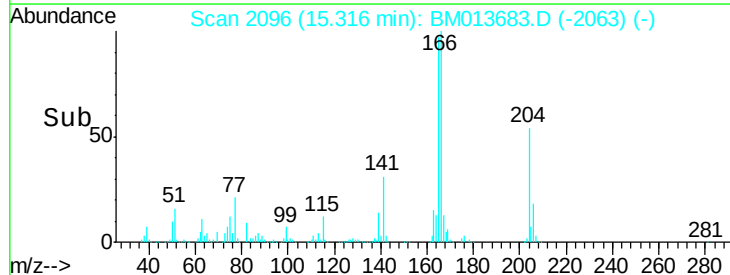
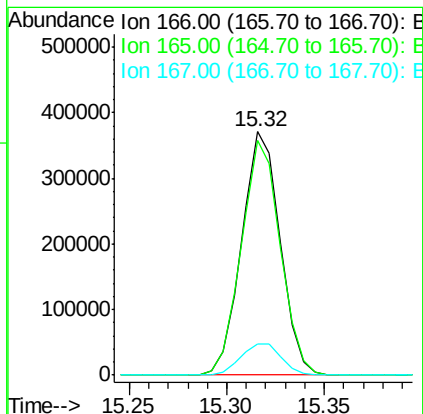
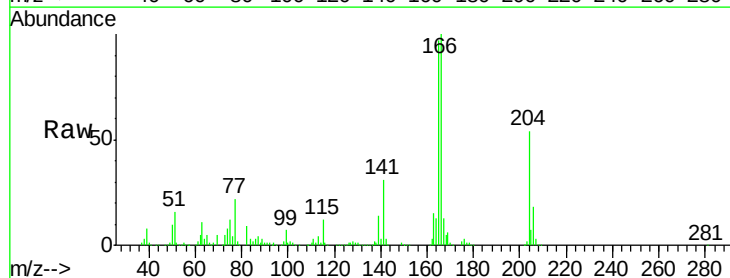
Instrument :
BNA_M
ClientSampled :

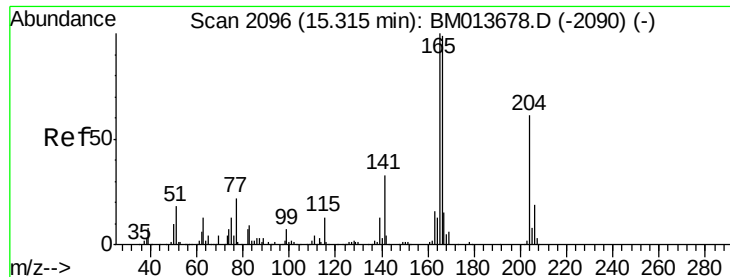
Tot Ion:149 Resp: 493575
Ion Ratio Lower Upper
149 100
177 21.9 20.5 30.7
150 11.5 10.6 15.8



#58
Fluorene
Concen: 19.152 ng/ul
RT: 15.32 min Scan# 2096
Delta R.T. -0.01 min
Lab File: BM013683.D
Acq: 20 Jan 2018 15:54

Tgt Ion:166 Resp: 506575
Ion Ratio Lower Upper
166 100
165 96.6 77.9 116.9
167 12.9 10.6 16.0

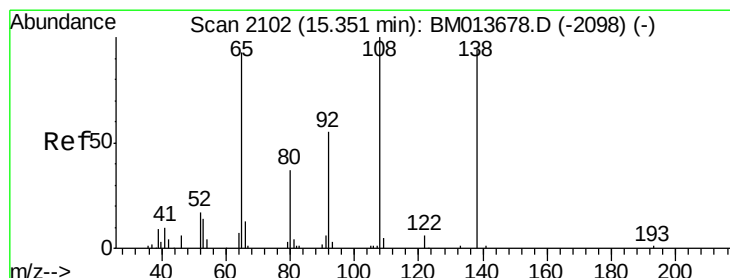
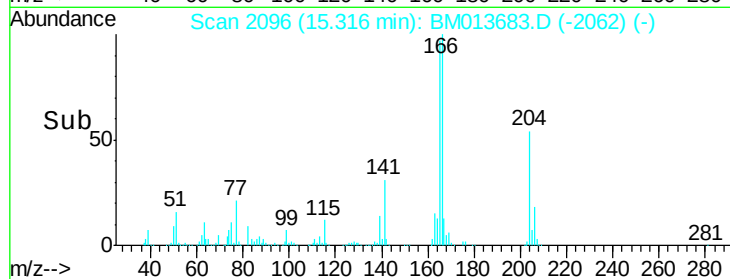
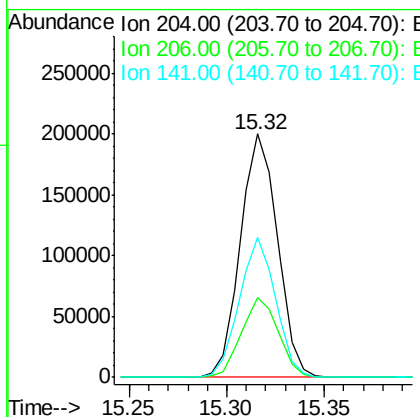
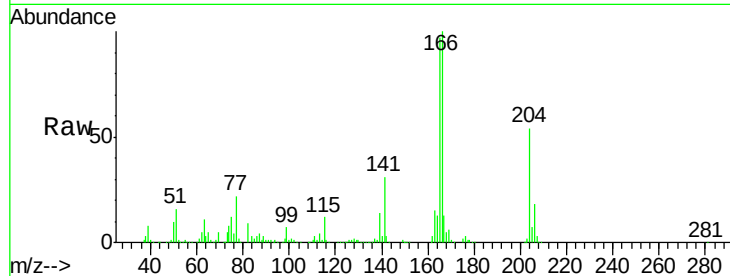




#59
4-Chlorophenyl-phenylether
Concen: 18.505 ng/ul
RT: 15.32 min Scan# 2096
Delta R.T. 0.00 min
Lab File: BM013683.D
Acq: 20 Jan 2018 15:54

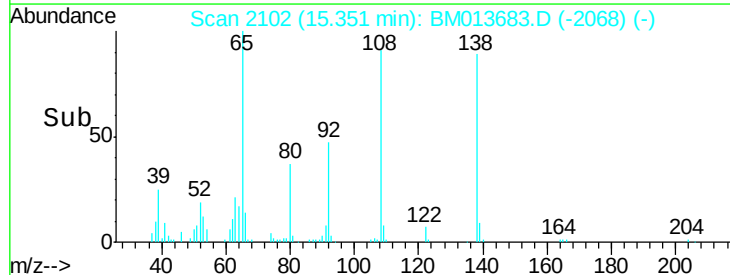
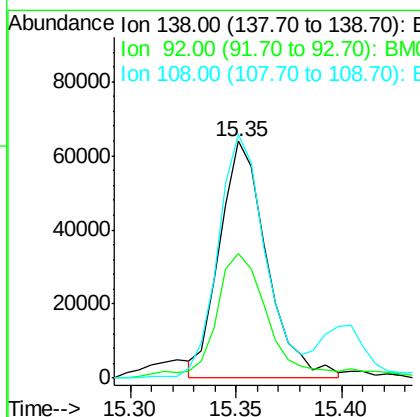
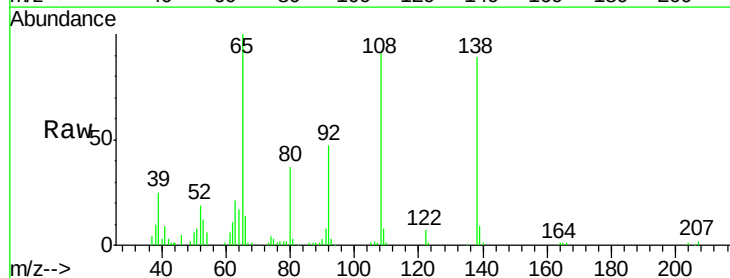
Instrument :
BNA_M
ClientSampleId :

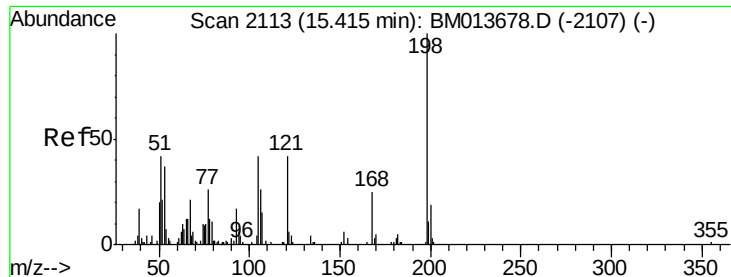
Tot Ion:204 Resp: 264482
Ion Ratio Lower Upper
204 100
206 32.8 24.8 37.2
141 57.5 44.3 66.5



#60
4-Nitroaniline
Concen: 21.159 ng/ul
RT: 15.35 min Scan# 2102
Delta R.T. 0.00 min
Lab File: BM013683.D
Acq: 20 Jan 2018 15:54

Tgt Ion:138 Resp: 98540
Ion Ratio Lower Upper
138 100
92 52.8 40.0 60.0
108 102.8 80.0 120.0

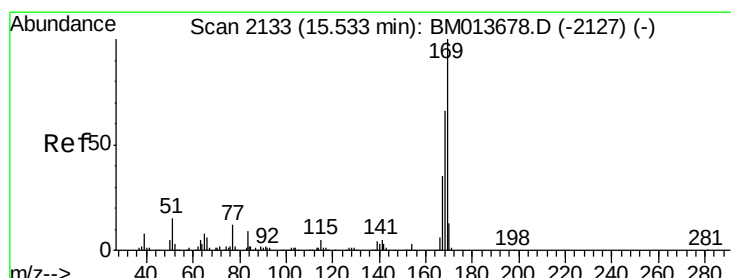
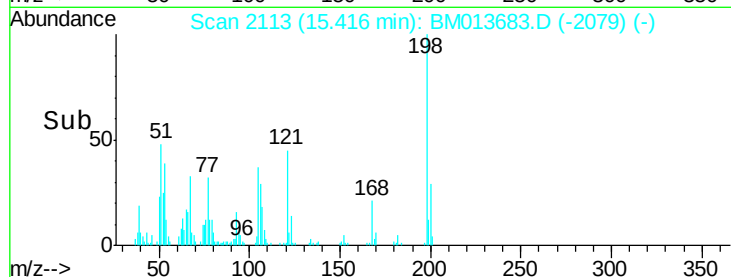
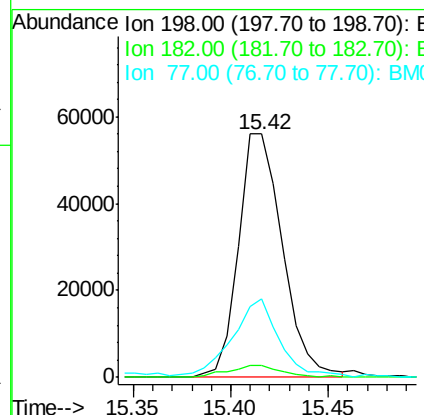
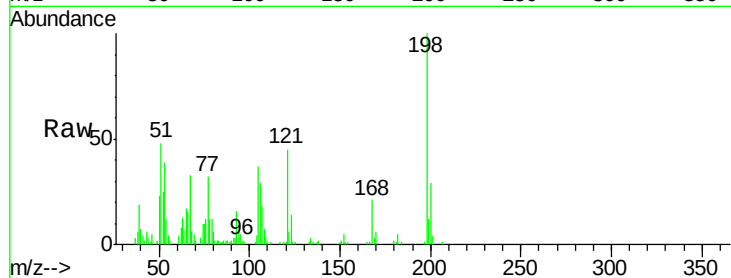




#63
 4,6-Dinitro-2-methylphenol
 Concen: 19.096 ng/ul
 RT: 15.42 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: BM013683.D
 Acq: 20 Jan 2018 15:54

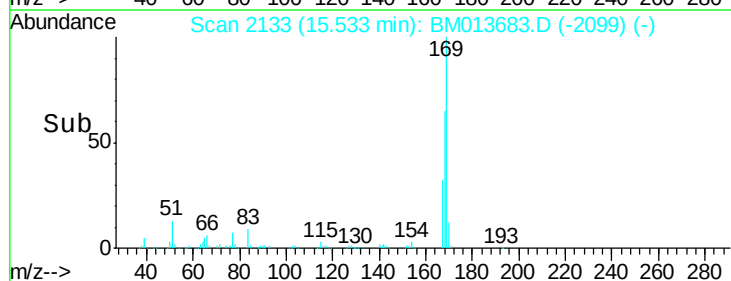
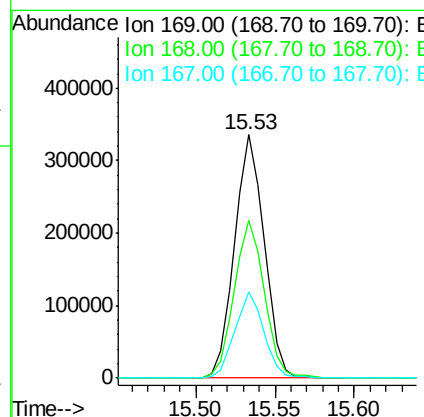
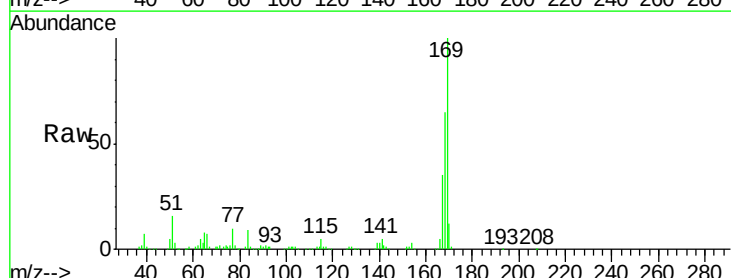
Instrument :
 BNA_M
 ClientSampleId :

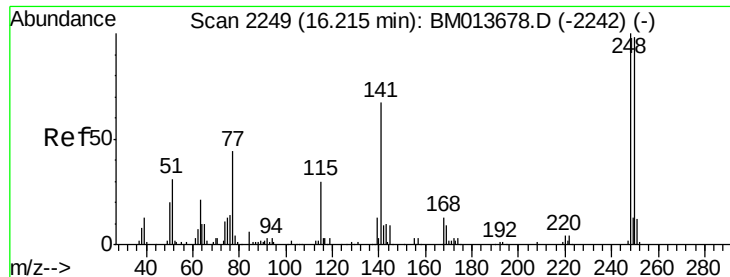
Tot Ion:198 Resp: 87870
 Ion Ratio Lower Upper
 198 100
 182 4.8 3.8 5.6
 77 32.1 25.2 37.8



#64
 N-Nitrosodiphenylamine
 Concen: 20.492 ng/ul
 RT: 15.53 min Scan# 2133
 Delta R.T. 0.00 min
 Lab File: BM013683.D
 Acq: 20 Jan 2018 15:54

Tgt Ion:169 Resp: 436508
 Ion Ratio Lower Upper
 169 100
 168 65.1 54.0 81.0
 167 35.3 29.1 43.7

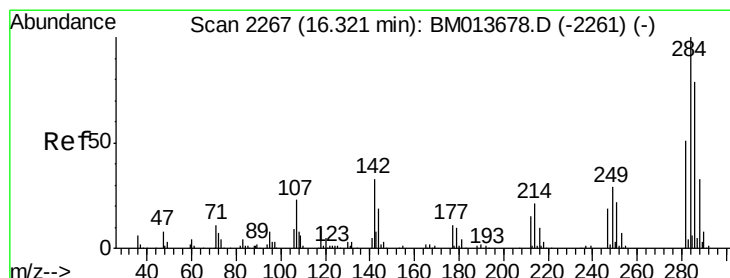
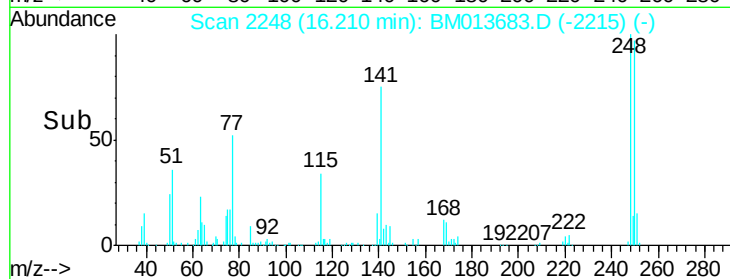
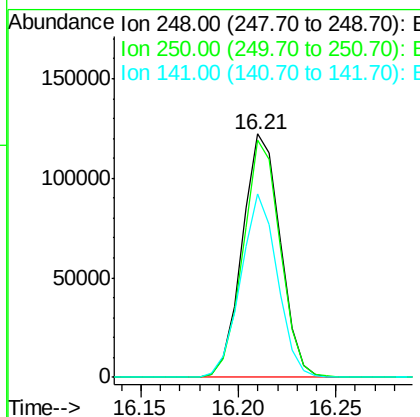
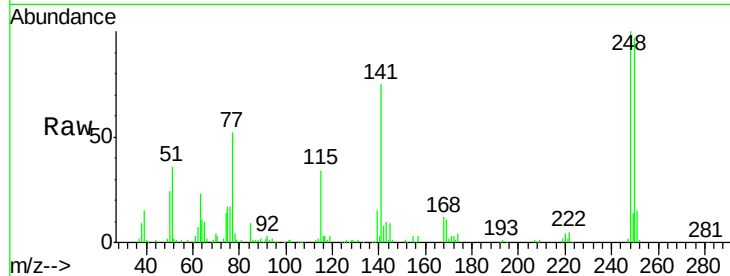




#65
4-Bromophenyl-phenylether
Concen: 19.299 ng/ul
RT: 16.21 min Scan# 2248
Delta R.T. -0.01 min
Lab File: BM013683.D
Acq: 20 Jan 2018 15:54

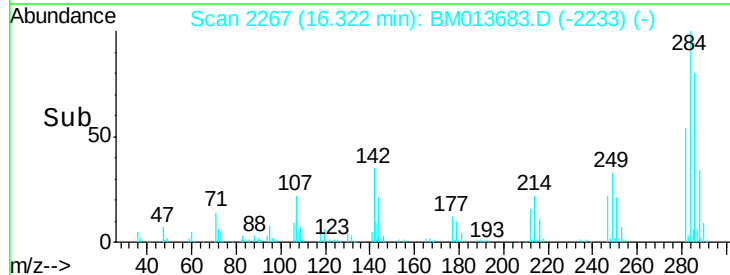
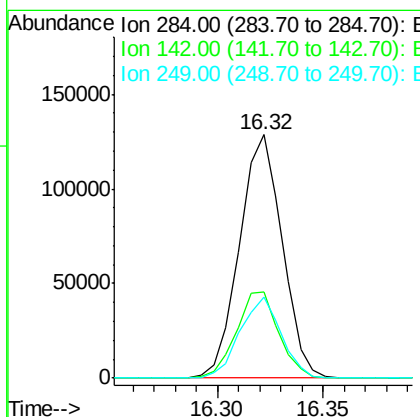
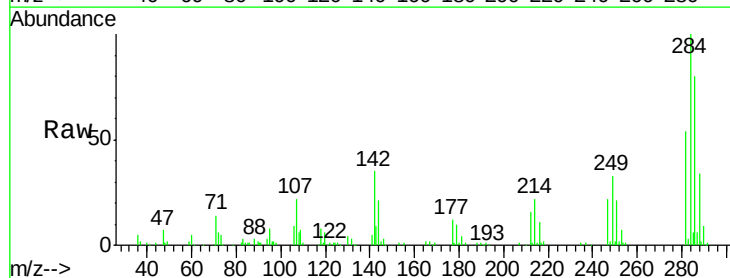
Instrument :
BNA_M
ClientSampleId :

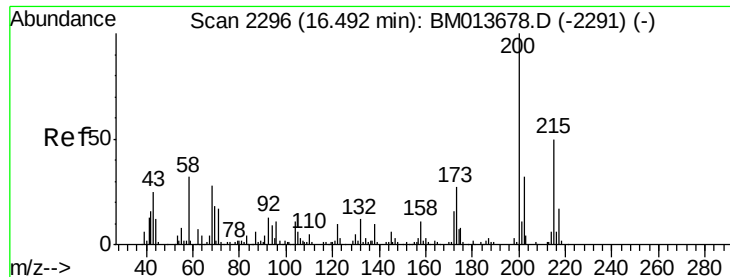
Tot Ion:248 Resp: 165082
Ion Ratio Lower Upper
248 100
250 97.3 80.5 120.7
141 75.3 53.6 80.4



#66
Hexachlorobenzene
Concen: 19.621 ng/ul
RT: 16.32 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BM013683.D
Acq: 20 Jan 2018 15:54

Tgt Ion:284 Resp: 180663
Ion Ratio Lower Upper
284 100
142 35.5 21.2 31.8#
249 33.3 24.5 36.7





#67

Atrazine

Concen: 20.008 ng/ul

RT: 16.49 min Scan# 2296

Delta R.T. 0.00 min

Lab File: BM013683.D

Acq: 20 Jan 2018 15:54

Instrument :

BNA_M

ClientSampleId :

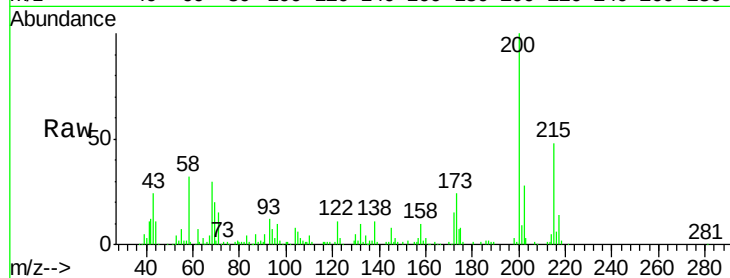
Tot Ion:200 Resp: 170101

Ion Ratio Lower Upper

200 100

173 23.9 18.2 27.2

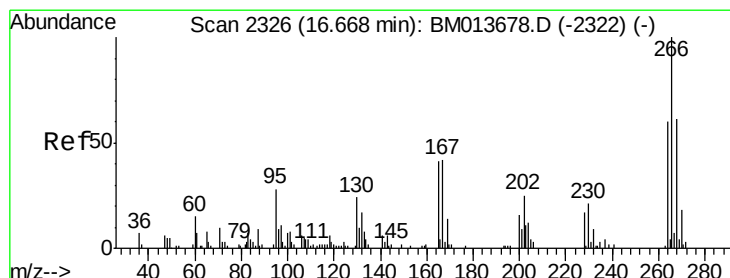
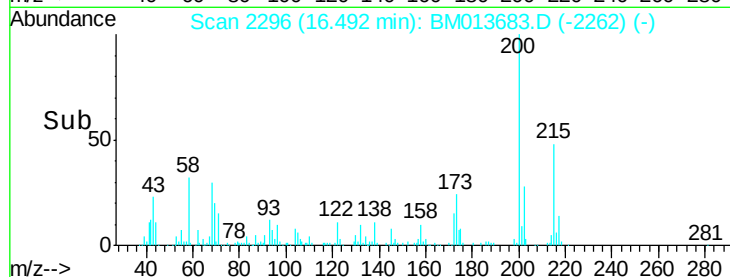
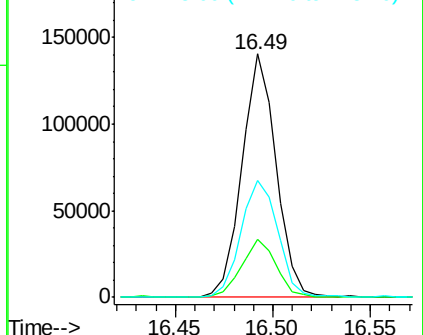
215 47.8 35.0 52.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#68

Pentachlorophenol

Concen: 19.650 ng/ul

RT: 16.67 min Scan# 2327

Delta R.T. 0.01 min

Lab File: BM013683.D

Acq: 20 Jan 2018 15:54

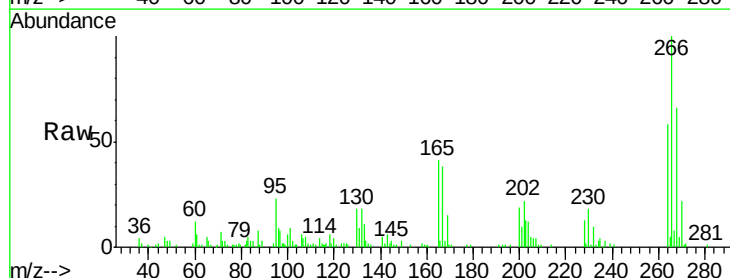
Tgt Ion:266 Resp: 96146

Ion Ratio Lower Upper

266 100

264 57.7 49.3 73.9

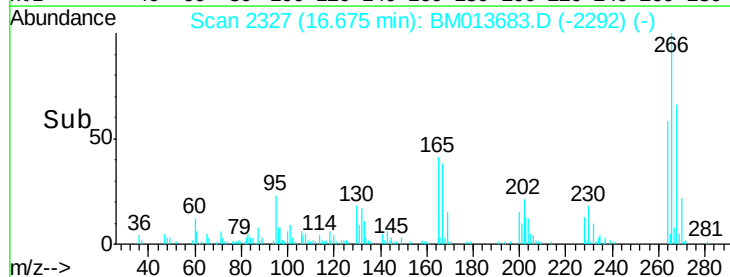
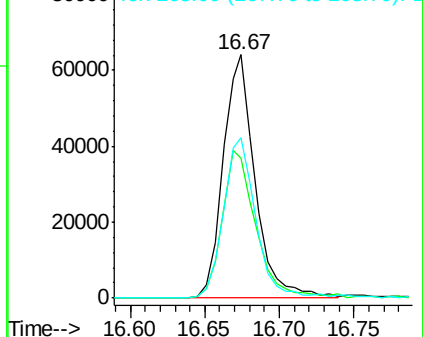
268 66.1 52.6 78.8

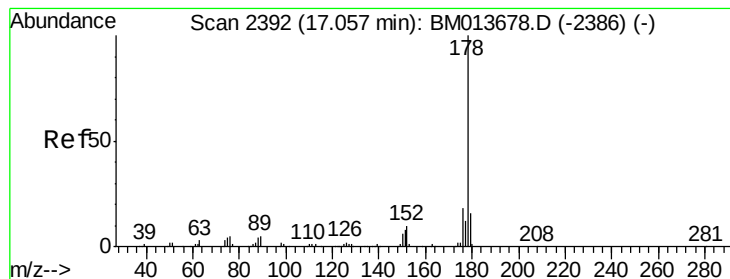


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#69

Phenanthrene

Concen: 20.228 ng/ul

RT: 17.06 min Scan# 2392

Delta R.T. 0.00 min

Lab File: BM013683.D

Acq: 20 Jan 2018 15:54

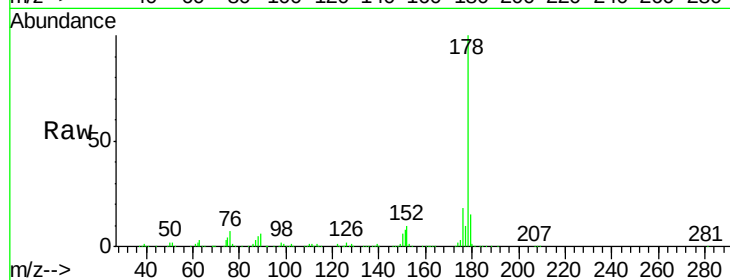
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 814317

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	19.0
176	18.0	14.9	22.3

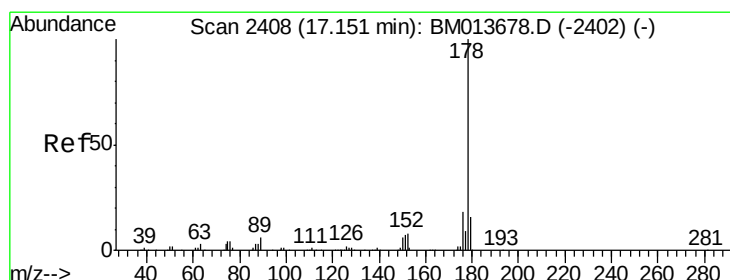
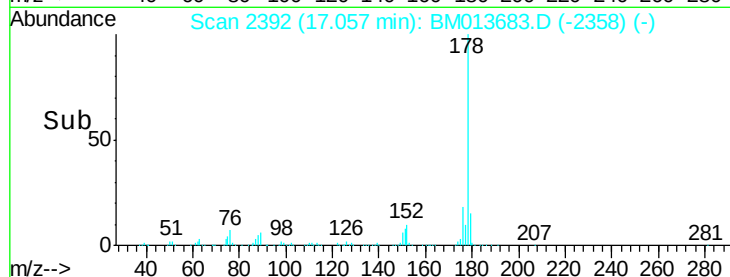
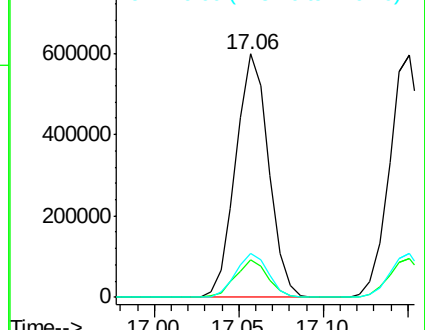


Abundance

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: 20.017 ng/ul

RT: 17.15 min Scan# 2408

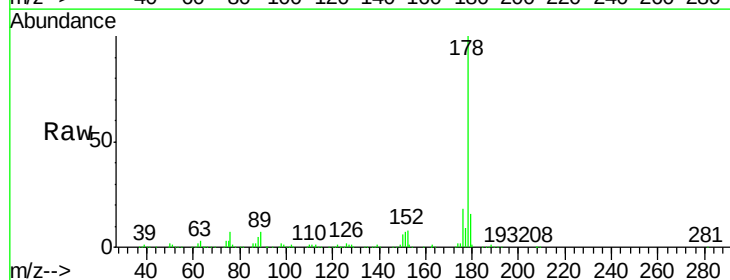
Delta R.T. 0.00 min

Lab File: BM013683.D

Acq: 20 Jan 2018 15:54

Tgt Ion:178 Resp: 831185

Ion	Ratio	Lower	Upper
178	100		
179	16.0	11.7	17.5
176	18.0	14.6	21.8

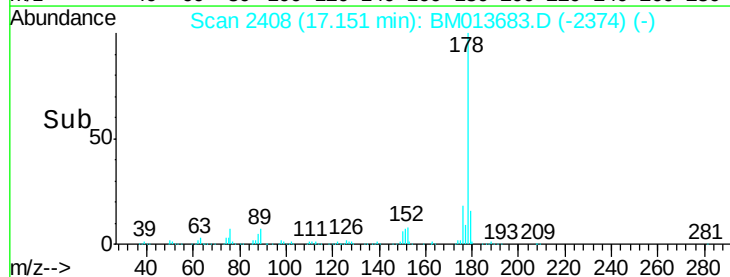
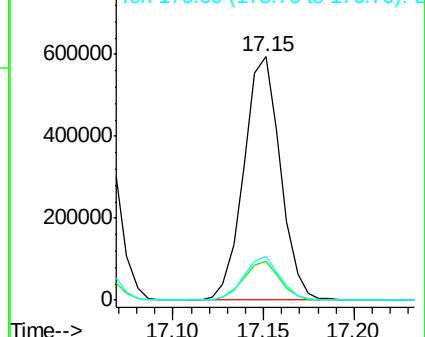


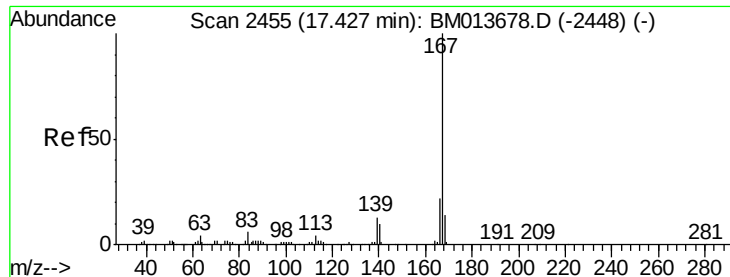
Abundance

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: 20.525 ng/ul

RT: 17.43 min Scan# 2455

Delta R.T. 0.00 min

Lab File: BM013683.D

Acq: 20 Jan 2018 15:54

Instrument :

BNA_M

ClientSampleId :

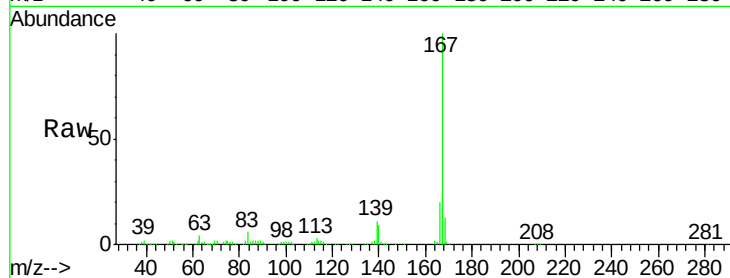
Tot Ion:167 Resp: 703500

Ion Ratio Lower Upper

167 100

166 20.0 17.1 25.7

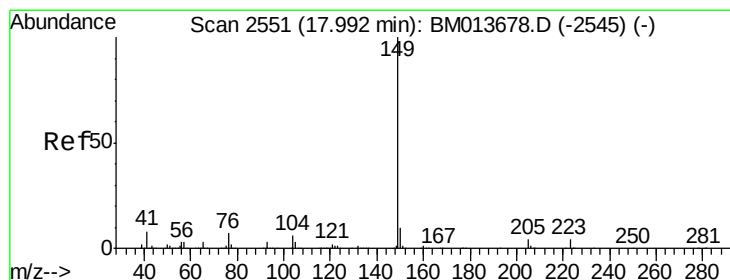
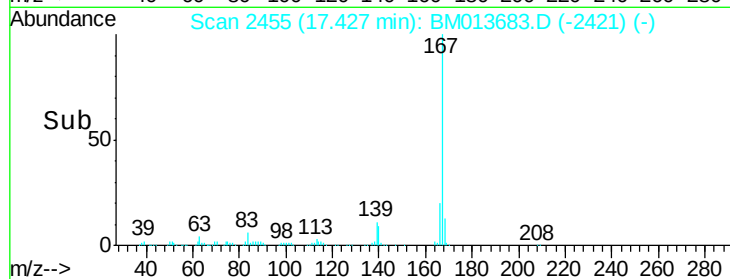
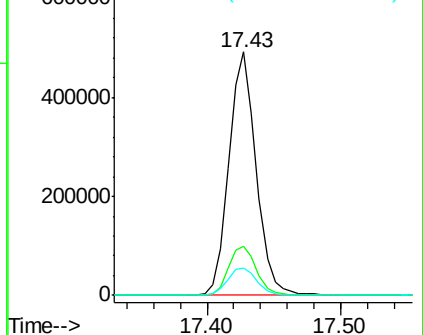
139 11.5 10.0 15.0



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



#73

Di-n-butylphthalate

Concen: 19.169 ng/ul

RT: 17.99 min Scan# 2551

Delta R.T. 0.00 min

Lab File: BM013683.D

Acq: 20 Jan 2018 15:54

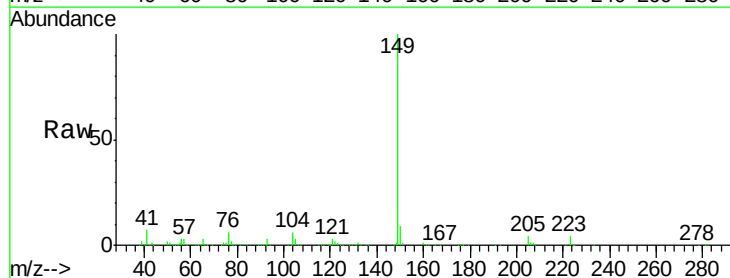
Tgt Ion:149 Resp: 772763

Ion Ratio Lower Upper

149 100

150 8.7 7.1 10.7

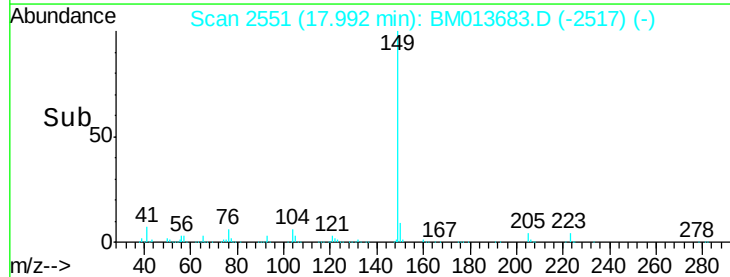
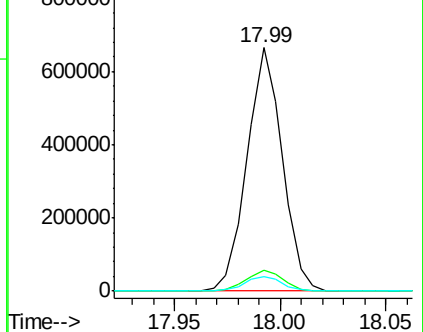
104 5.9 5.6 8.4

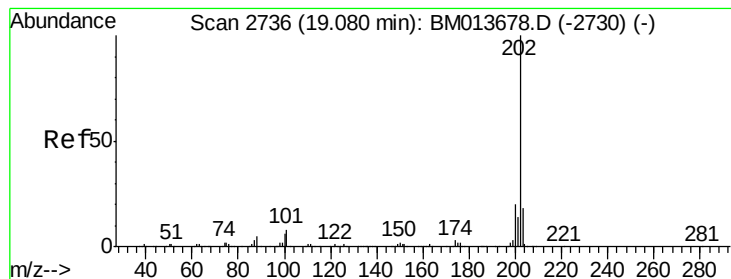


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 19.790 ng/ul

RT: 19.08 min Scan# 2736

Delta R.T. 0.00 min

Lab File: BM013683.D

Acq: 20 Jan 2018 15:54

Instrument :

BNA_M

ClientSampleId :

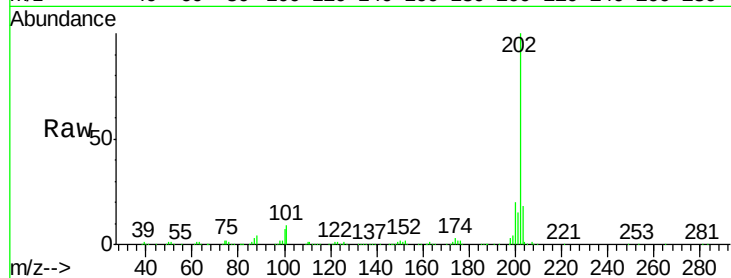
Tot Ion:202 Resp: 950993

Ion Ratio Lower Upper

202 100

101 9.1 4.6 7.0#

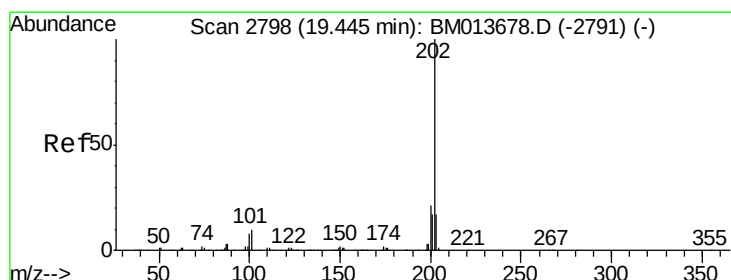
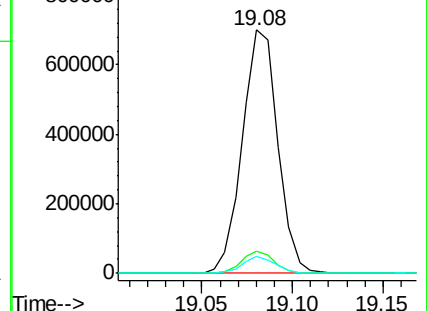
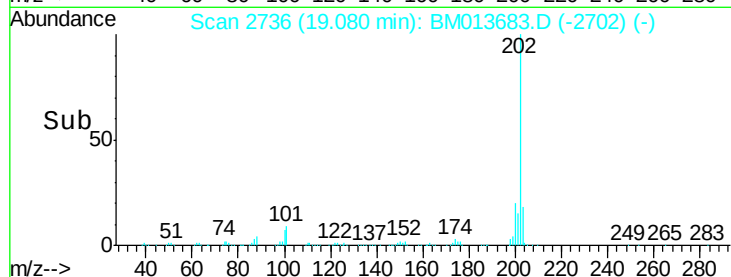
100 7.1 3.4 5.2#



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



#77

Pyrene

Concen: 21.127 ng/ul

RT: 19.44 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BM013683.D

Acq: 20 Jan 2018 15:54

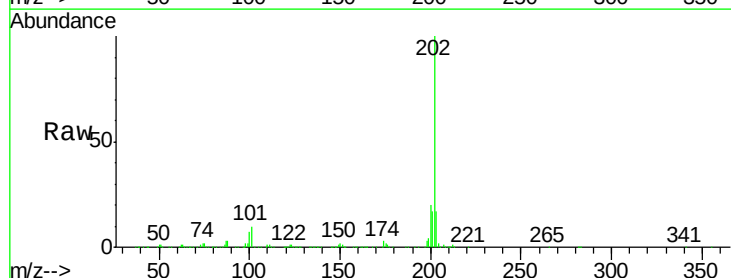
Tgt Ion:202 Resp: 1012360

Ion Ratio Lower Upper

202 100

101 9.8 5.1 7.7#

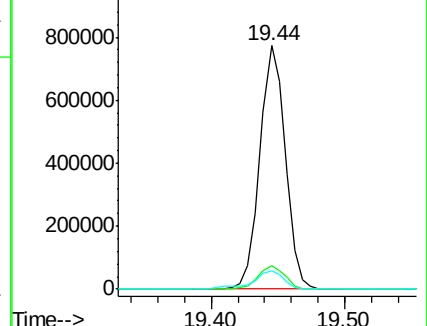
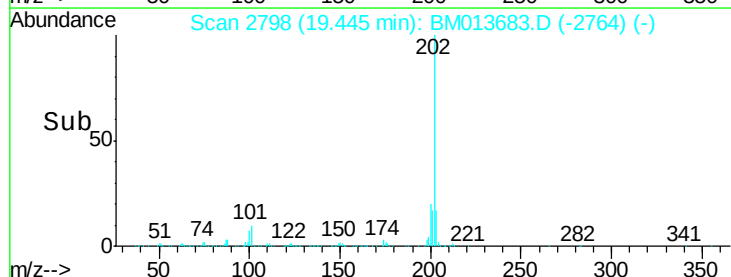
100 7.3 4.9 7.3#

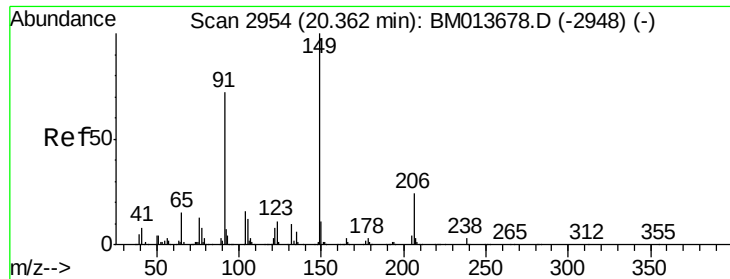


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

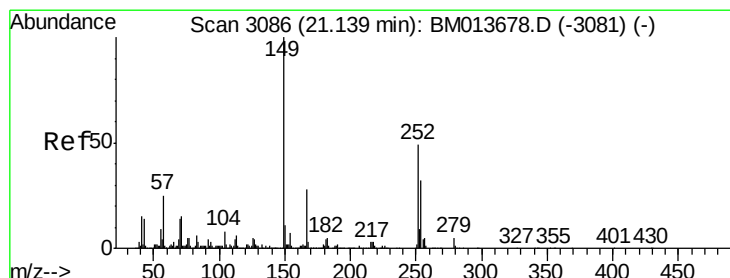
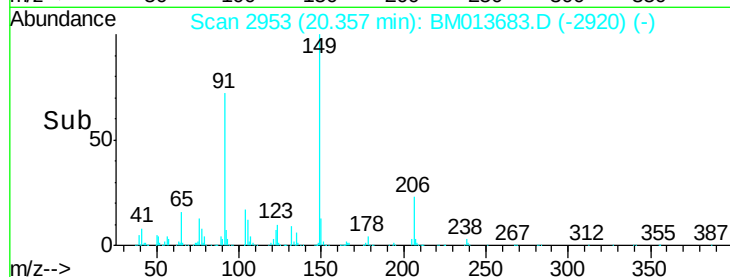
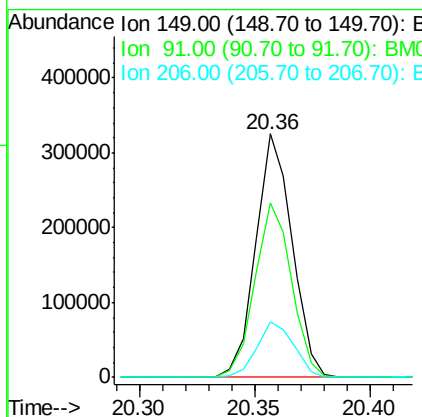
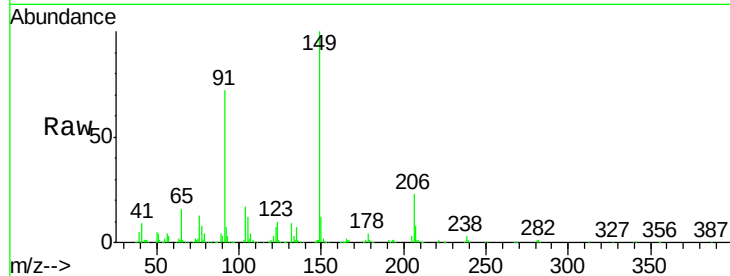




#78
Butylbenzylphthalate
Concen: 21.163 ng/ul
RT: 20.36 min Scan# 2953
Delta R.T. -0.01 min
Lab File: BM013683.D
Acq: 20 Jan 2018 15:54

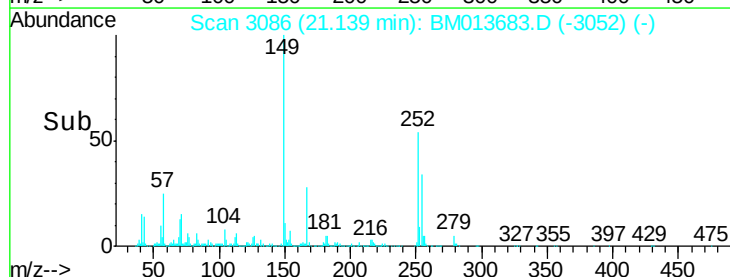
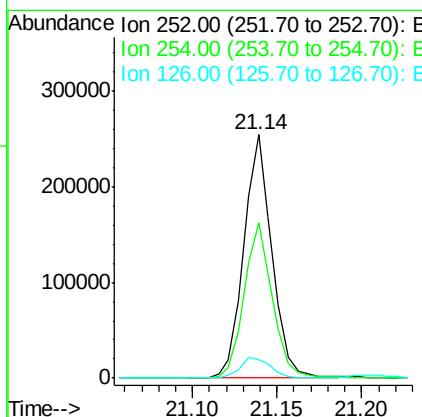
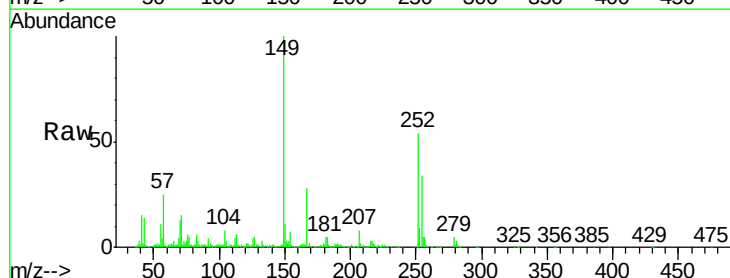
Instrument :
BNA_M
ClientSampleId :

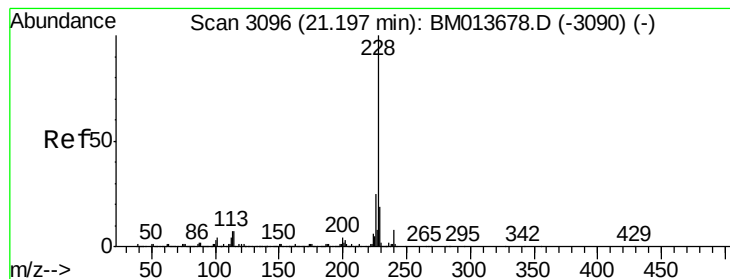
Tot Ion	Ratio	Lower	Upper
149	100		
91	71.9	62.7	94.1
206	22.9	20.8	31.2



#79
3,3'-Dichlorobenzidine
Concen: 22.617 ng/ul
RT: 21.14 min Scan# 3086
Delta R.T. 0.00 min
Lab File: BM013683.D
Acq: 20 Jan 2018 15:54

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.7	54.5	81.7
126	7.7	5.8	8.8





#80

Benzo(a)anthracene

Concen: 20.135 ng/ul

RT: 21.20 min Scan# 3096

Delta R.T. 0.00 min

Lab File: BM013683.D

Acq: 20 Jan 2018 15:54

Instrument :

BNA_M

ClientSampled :

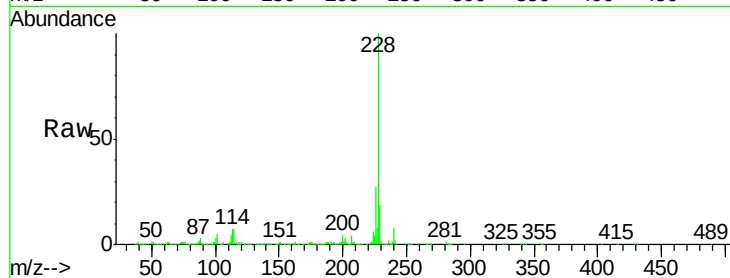
Tot Ion:228 Resp: 958986

Ion Ratio Lower Upper

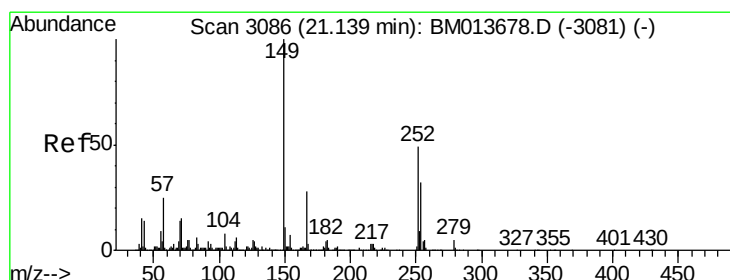
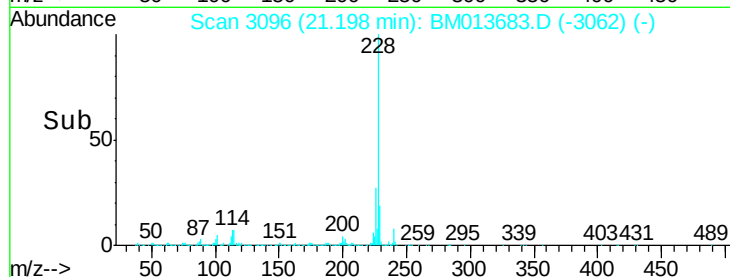
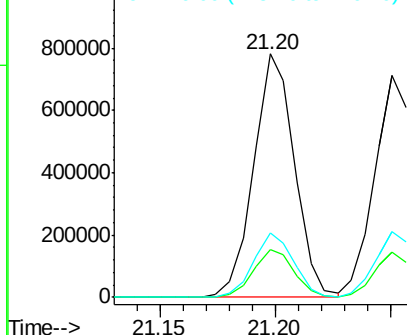
228 100

229 19.4 15.4 23.0

226 26.5 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: 19.930 ng/ul

RT: 21.14 min Scan# 3086

Delta R.T. 0.00 min

Lab File: BM013683.D

Acq: 20 Jan 2018 15:54

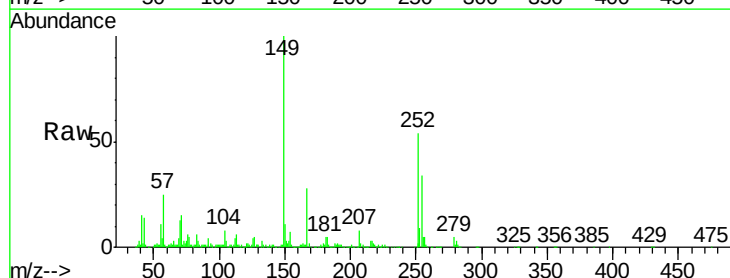
Tgt Ion:149 Resp: 504748

Ion Ratio Lower Upper

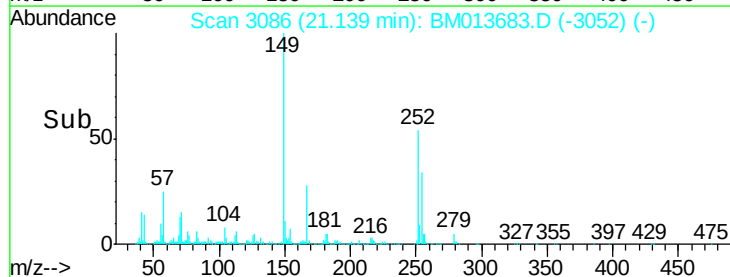
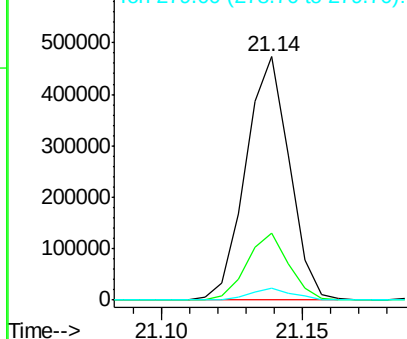
149 100

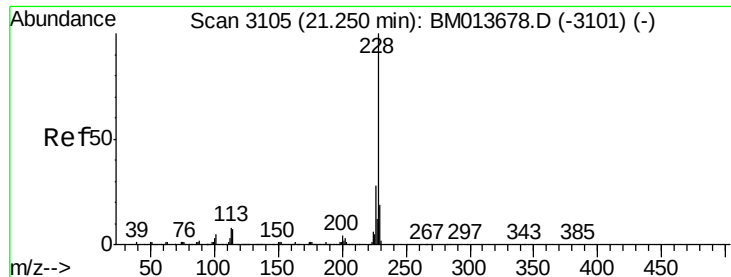
167 27.7 22.8 34.2

279 4.7 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: 19.767 ng/ul

RT: 21.25 min Scan# 3105

Delta R.T. 0.00 min

Lab File: BM013683.D

Acq: 20 Jan 2018 15:54

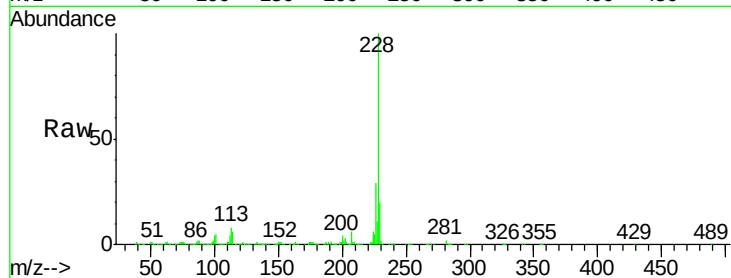
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 863684

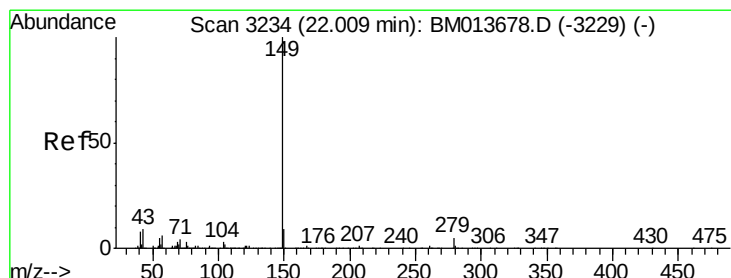
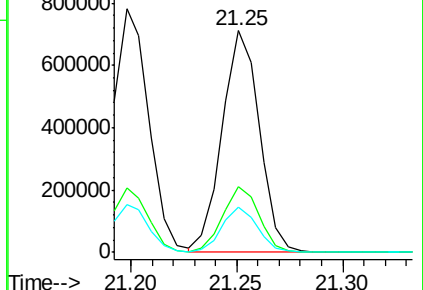
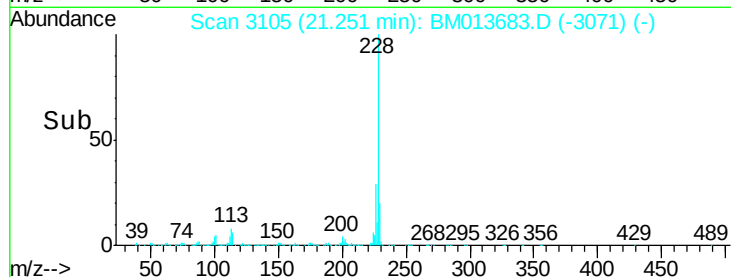
Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.4	35.2
229	20.1	15.5	23.3



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



#84

Di-n-octyl phthalate

Concen: 17.800 ng/ul

RT: 22.01 min Scan# 3234

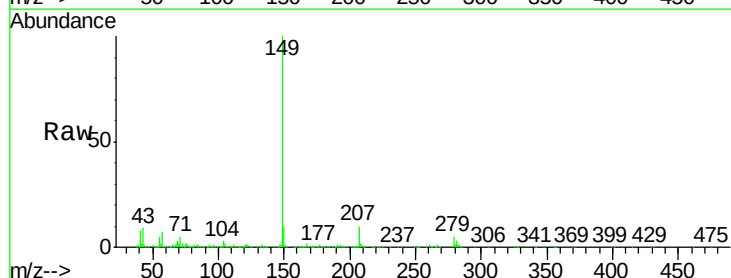
Delta R.T. 0.00 min

Lab File: BM013683.D

Acq: 20 Jan 2018 15:54

Tgt Ion:149 Resp: 805443

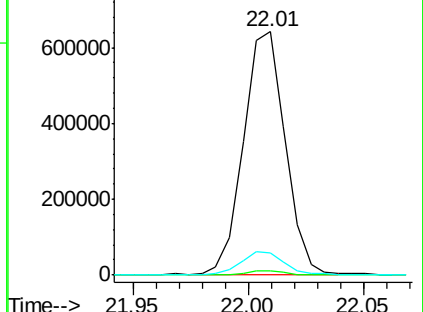
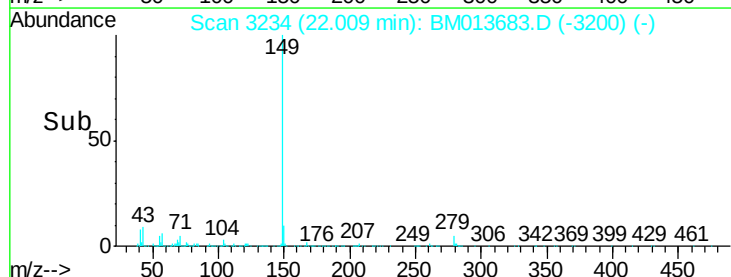
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.0	7.3	10.9

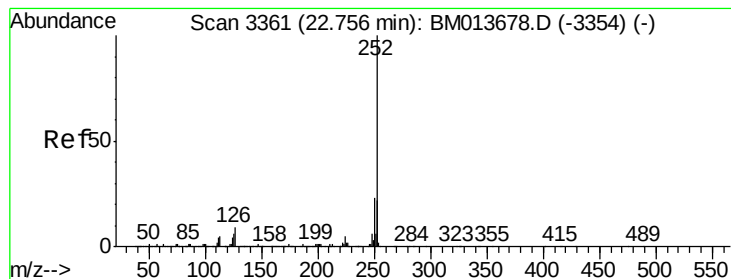


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM





#85

Benzo(b)fluoranthene

Concen: 20.429 ng/ul

RT: 22.76 min Scan# 3361

Delta R.T. 0.00 min

Lab File: BM013683.D

Acq: 20 Jan 2018 15:54

Instrument :

BNA_M

ClientSampleId :

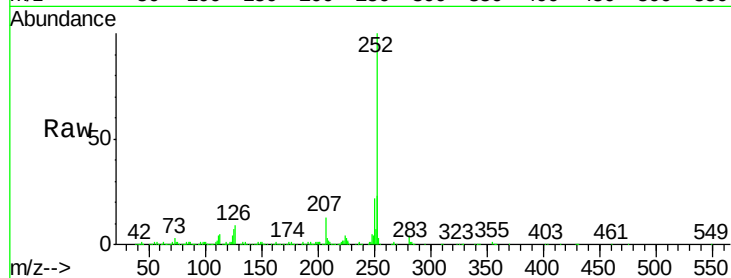
Tot Ion:252 Resp: 942010

Ion Ratio Lower Upper

252 100

253 22.6 17.9 26.9

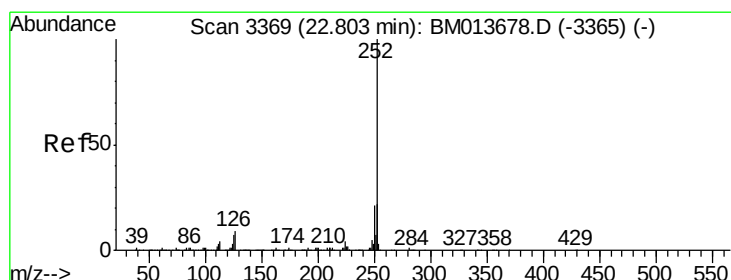
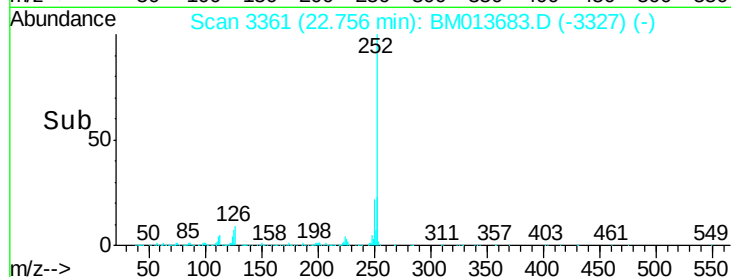
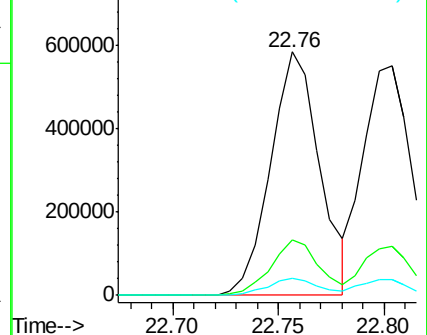
125 7.1 3.6 5.4#



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: 19.783 ng/ul

RT: 22.80 min Scan# 3369

Delta R.T. 0.00 min

Lab File: BM013683.D

Acq: 20 Jan 2018 15:54

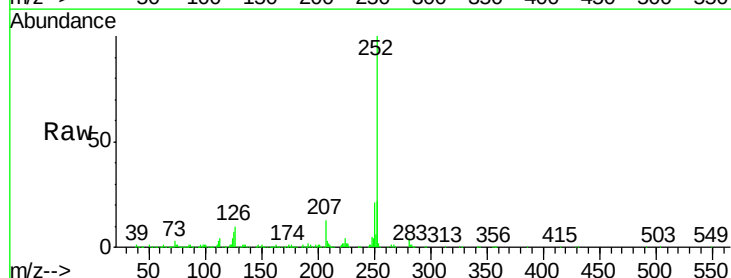
Tgt Ion:252 Resp: 881727

Ion Ratio Lower Upper

252 100

253 21.5 17.1 25.7

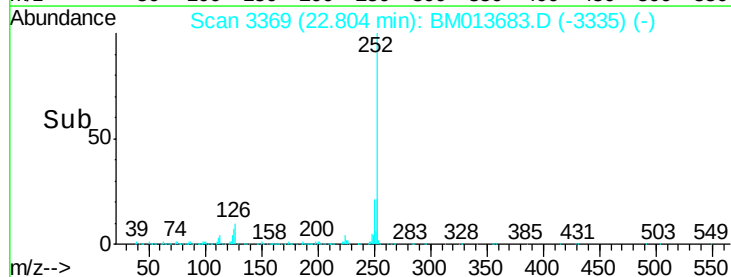
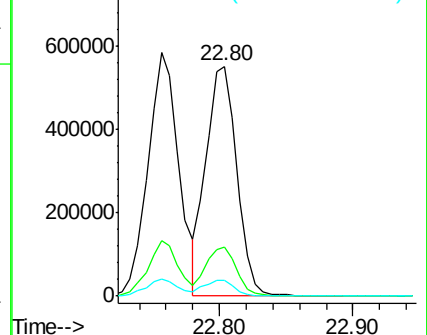
125 7.0 3.4 5.2#

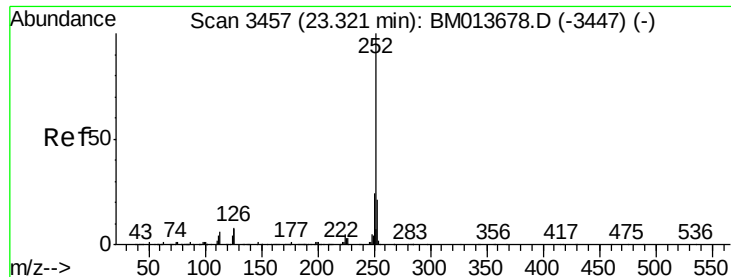


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 20.207 ng/ul

RT: 23.32 min Scan# 3457

Delta R.T. 0.00 min

Lab File: BM013683.D

Acq: 20 Jan 2018 15:54

Instrument :

BNA_M

ClientSampleId :

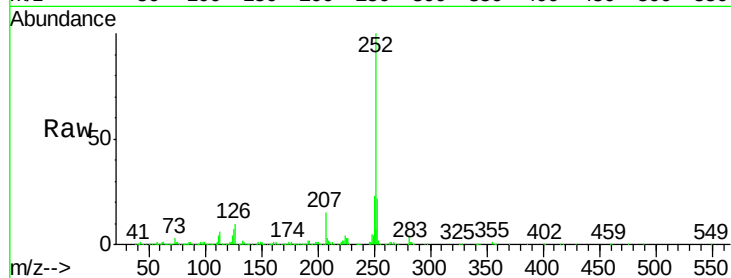
Tot Ion:252 Resp: 880233

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.2

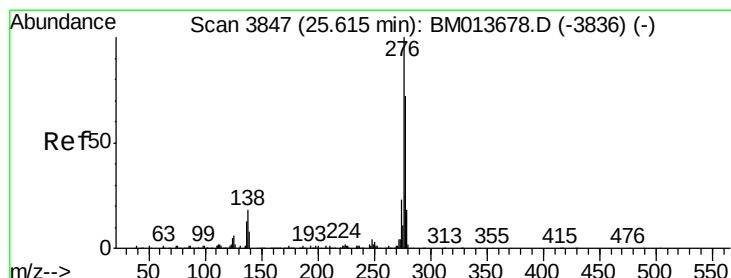
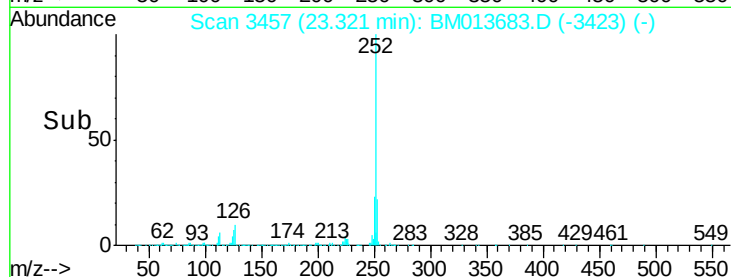
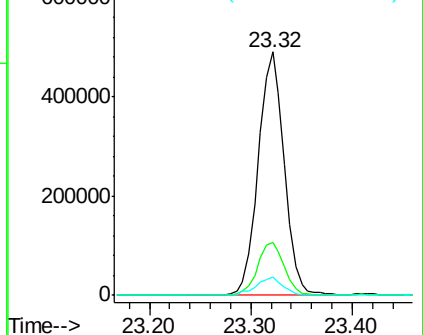
125 7.5 4.0 6.0#



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: 19.520 ng/ul

RT: 25.62 min Scan# 3848

Delta R.T. 0.01 min

Lab File: BM013683.D

Acq: 20 Jan 2018 15:54

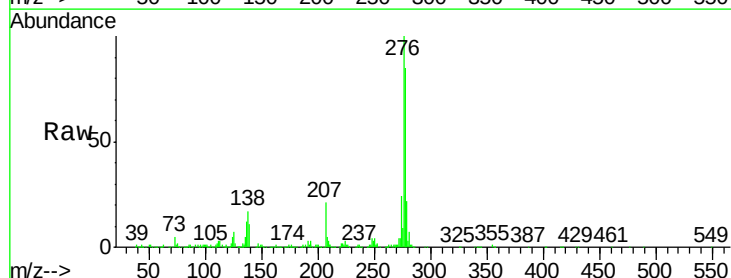
Tgt Ion:276 Resp: 1003750

Ion Ratio Lower Upper

276 100

138 17.0 9.3 13.9#

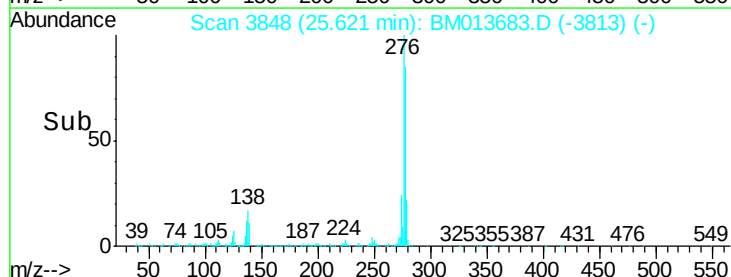
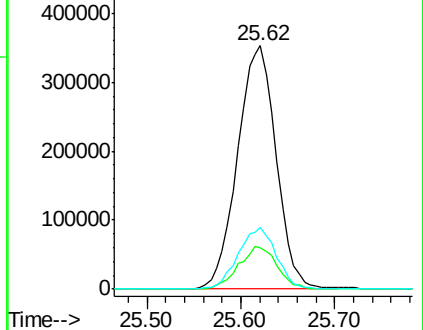
277 25.2 19.9 29.9

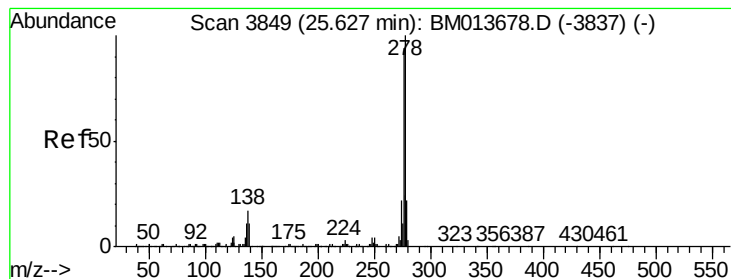


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 19.524 ng/ul

RT: 25.63 min Scan# 3849

Delta R.T. 0.00 min

Lab File: BM013683.D

Acq: 20 Jan 2018 15:54

Instrument :

BNA_M

ClientSampleId :

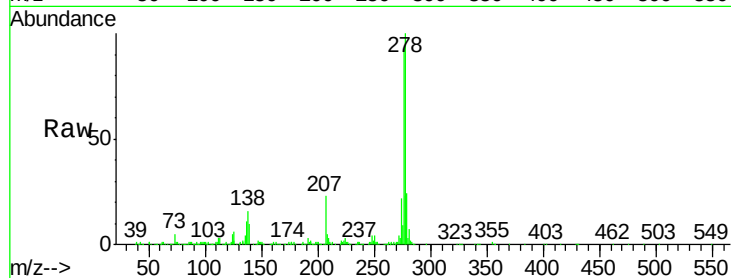
Tot Ion:278 Resp: 847766

Ion Ratio Lower Upper

278 100

139 9.5 5.8 8.8#

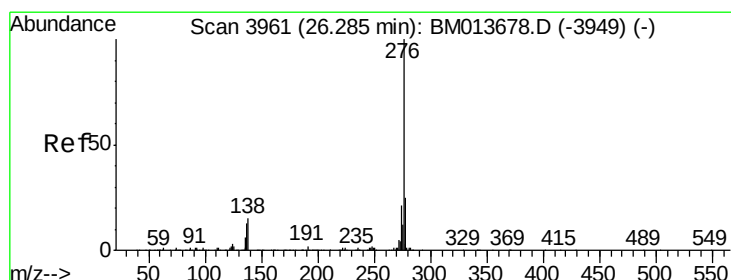
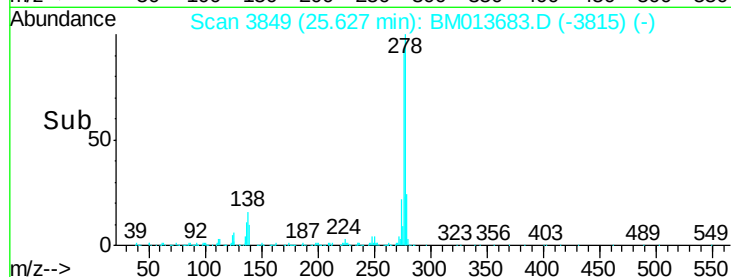
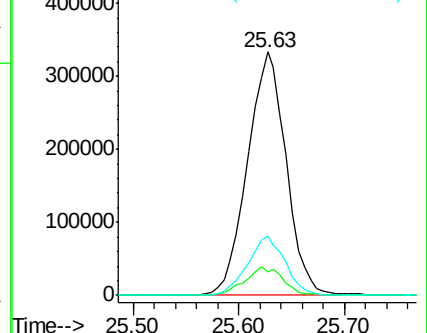
279 24.2 18.6 27.8



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: 19.831 ng/ul

RT: 26.29 min Scan# 3961

Delta R.T. 0.00 min

Lab File: BM013683.D

Acq: 20 Jan 2018 15:54

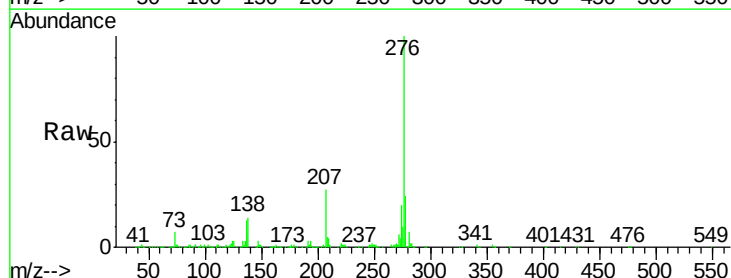
Tgt Ion:276 Resp: 839263

Ion Ratio Lower Upper

276 100

138 14.3 8.5 12.7#

277 24.2 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

