

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM070618\
 Data File : BM015814.D
 Acq On : 06 Jul 2018 22:35
 Operator : SJ/JU
 Sample : J3845-04MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GF-02MSD

Quant Time: Jul 07 01:32:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 05 17:39:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	133154	20.00	ng	-0.01
21) Naphthalene-d8	11.13	136	534586	20.00	ng	-0.01
38) Acenaphthene-d10	14.93	164	294812	20.00	ng	0.00
63) Phenanthrene-d10	17.65	188	586627	20.00	ng	0.00
75) Chrysene-d12	21.76	240	430880	20.00	ng	0.00
86) Perylene-d12	24.16	264	358811	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.81	112	1268609	163.39	ng	0.00
7) Phenol-d6	7.47	99	1679039	157.96	ng	0.00
23) Nitrobenzene-d5	9.50	82	1128821	103.03	ng	0.00
41) 2,4,6-Tribromophenol	16.41	330	632151	164.11	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	2310574	97.30	ng	0.00
78) Terphenyl-d14	20.22	244	2749756	118.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.56	88	116378	36.243	ng	# 100
3) Pyridine	4.00	79	268907	31.735	ng	# 80
4) n-Nitrosodimethylamine	3.92	42	287559	43.583	ng	# 43
6) Aniline	7.63	93	410657	31.867	ng	90
8) 2-Chlorophenol	7.87	128	462647	49.649	ng	97
9) Benzaldehyde	7.44	77	215546	32.174	ng	90
10) Phenol	7.49	94	583805	54.661	ng	92
11) bis(2-Chloroethyl)ether	7.72	93	385851	44.411	ng	88
12) 1,3-Dichlorobenzene	8.19	146	463490	44.861	ng	# 92
13) 1,4-Dichlorobenzene	8.34	146	473456	44.315	ng	94
14) 1,2-Dichlorobenzene	8.66	146	464660	44.970	ng	94
15) Benzyl Alcohol	8.56	79	423295	45.871	ng	88
16) 2,2'-oxybis(1-Chloropropan	8.83	45	606559	63.925	ng	97
17) 2-Methylphenol	8.76	107	366056	49.471	ng	# 87
18) Hexachloroethane	9.39	117	192699	45.614	ng	95
19) n-Nitroso-di-n-propylamine	9.13	70	360783	42.234	ng	# 79
20) 3+4-Methylphenols	9.09	107	496787	48.334	ng	90
22) Acetophenone	9.15	105	668432	47.998	ng	# 88
24) Nitrobenzene	9.54	77	547012	51.289	ng	98
25) Isophorone	10.06	82	919743	54.998	ng	# 95
26) 2-Nitrophenol	10.25	139	243098	52.933	ng	# 64
27) 2,4-Dimethylphenol	10.30	122	403673	57.859	ng	86
28) bis(2-Chloroethoxy)methane	10.53	93	535231	49.125	ng	97
29) 2,4-Dichlorophenol	10.78	162	426311	55.171	ng	97
30) 1,2,4-Trichlorobenzene	10.99	180	441816	49.228	ng	97
31) Naphthalene	11.19	128	1360764	49.096	ng	100
32) Benzoic acid	10.45	122	126186	20.428	ng	86
33) 4-Chloroaniline	11.30	127	272959	24.155	ng	# 89
34) Hexachlorobutadiene	11.45	225	281535	47.003	ng	96
35) Caprolactam	12.11	113	105742	41.263	ng	90
36) 4-Chloro-3-methylphenol	12.41	107	458687	51.734	ng	89
37) 2-Methylnaphthalene	12.77	142	1004068	50.926	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	13.13	216	490327	51.820	ng	# 100
40) Hexachlorocyclopentadiene	13.10	237	533926	116.013	ng	98

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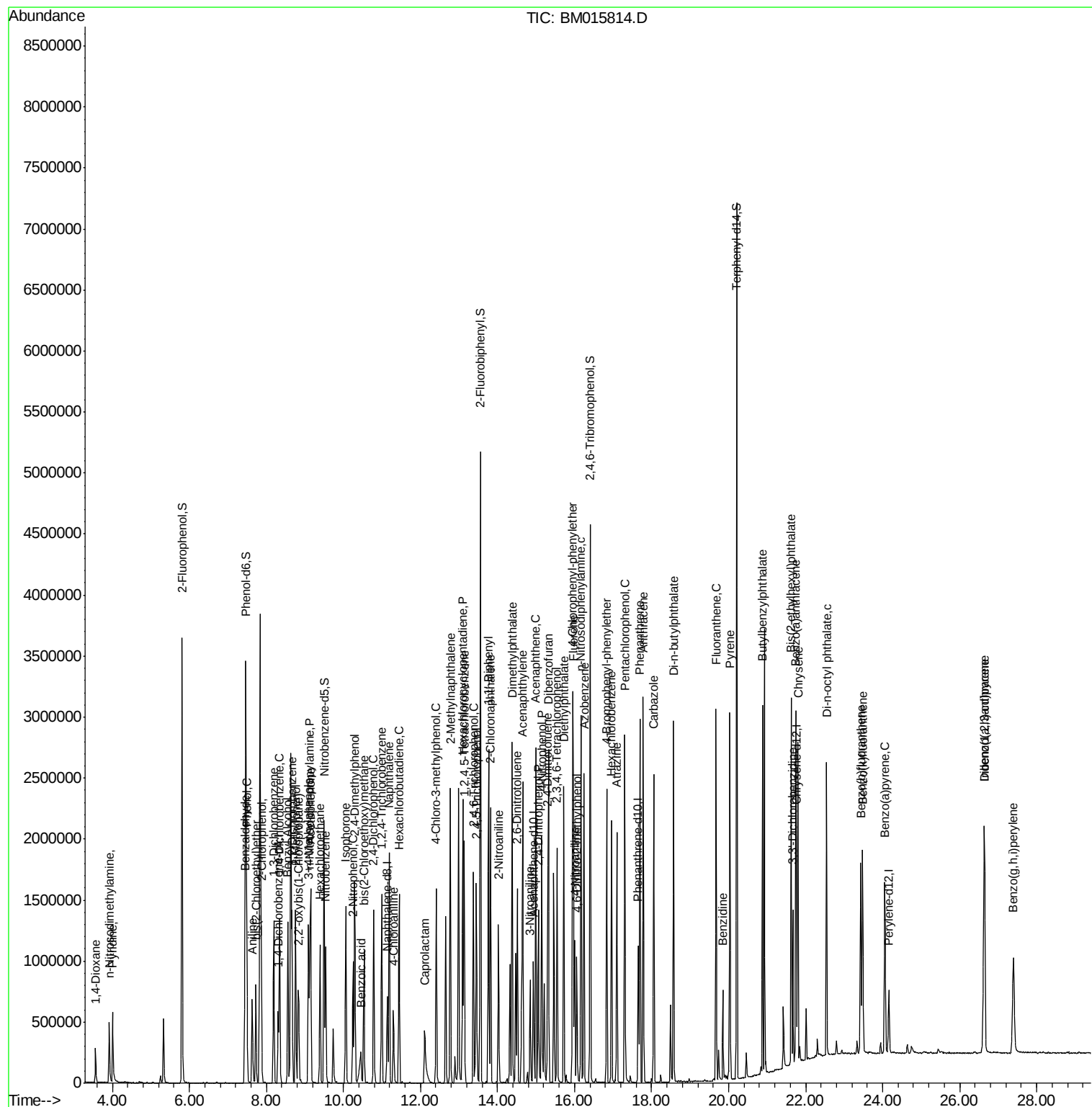
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42) 2,4,6-Trichlorophenol	13.37	196	326929	54.660	ng	98
43) 2,4,5-Trichlorophenol	13.45	196	343162	53.112	ng	# 85
45) 1,1'-Biphenyl	13.77	154	1252913	49.154	ng	99
46) 2-Chloronaphthalene	13.82	162	963437	50.554	ng	# 92
47) 2-Nitroaniline	14.03	65	327304	49.249	ng	82
48) Acenaphthylene	14.66	152	1544179	49.808	ng	99
49) Dimethylphthalate	14.39	163	1653668	63.602	ng	99
50) 2,6-Dinitrotoluene	14.52	165	257934	50.880	ng	# 73
51) Acenaphthene	14.99	154	888342	46.048	ng	98
52) 3-Nitroaniline	14.85	138	168899	30.439	ng	# 78
53) 2,4-Dinitrophenol	15.06	184	232516	90.634	ng	# 88
54) Dibenzofuran	15.32	168	1423002	47.870	ng	# 88
55) 4-Nitrophenol	15.15	139	401210	97.972	ng	# 70
56) 2,4-Dinitrotoluene	15.30	165	355125	48.521	ng	93
57) Fluorene	15.97	166	1148612	46.856	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.55	232	290246	53.235	ng	# 100
59) Diethylphthalate	15.72	149	1264969	45.400	ng	96
60) 4-Chlorophenyl-phenylether	15.95	204	575315	45.610	ng	91
61) 4-Nitroaniline	16.01	138	228041	39.616	ng	# 40
62) Azobenzene	16.24	77	1298298	49.710	ng	83
64) 4,6-Dinitro-2-methylphenol	16.06	198	174308	48.877	ng	89
65) n-Nitrosodiphenylamine	16.17	169	974562	48.483	ng	98
66) 4-Bromophenyl-phenylether	16.84	248	337798	51.574	ng	# 84
67) Hexachlorobenzene	16.96	284	367654	50.233	ng	# 81
68) Atrazine	17.10	200	343045	51.884	ng	99
69) Pentachlorophenol	17.30	266	398700	88.035	ng	99
70) Phenanthrene	17.70	178	1617264	48.188	ng	100
71) Anthracene	17.79	178	1649173	50.037	ng	99
72) Carbazole	18.06	167	1429719	46.551	ng	98
73) Di-n-butylphthalate	18.57	149	1930511	46.634	ng	# 98
74) Fluoranthene	19.67	202	1613390	41.817	ng	99
76) Benzidine	19.85	184	357291	28.302	ng	99
77) Pyrene	20.03	202	1583565	58.999	ng	99
79) Butylbenzylphthalate	20.88	149	712917	54.949	ng	# 84
80) Benzo(a)anthracene	21.74	228	1297840	47.507	ng	99
81) 3,3'-Dichlorobenzidine	21.67	252	315284	32.121	ng	99
82) Chrysene	21.80	228	1198923	47.111	ng	100
83) Bis(2-ethylhexyl)phthalate	21.63	149	958598	50.004	ng	96
84) Di-n-octyl phthalate	22.54	149	1384071	44.278	ng	# 91
85) Indeno(1,2,3-cd)pyrene	26.64	276	1213957	51.343	ng	# 93
87) Benzo(b)fluoranthene	23.43	252	1123146	46.884	ng	# 96
88) Benzo(k)fluoranthene	23.48	252	1035526	44.499	ng	98
89) Benzo(a)pyrene	24.06	252	1024205	48.569	ng	99
90) Dibenzo(a,h)anthracene	26.64	278	1037942	54.706	ng	98
91) Benzo(g,h,i)perylene	27.40	276	976370	58.568	ng	95

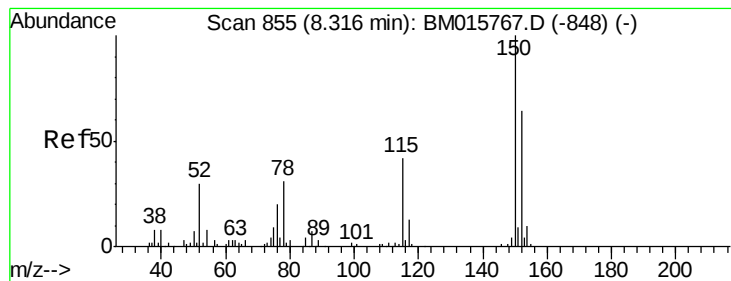
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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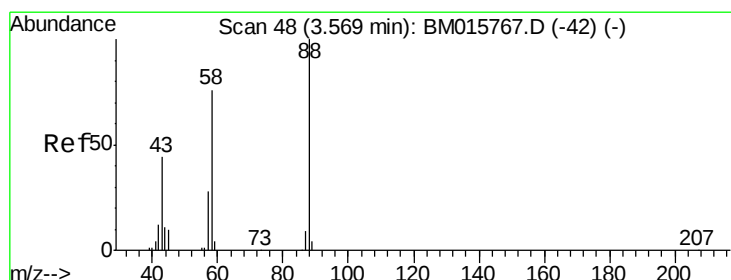
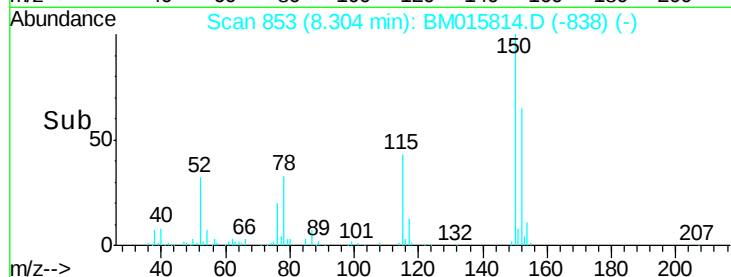
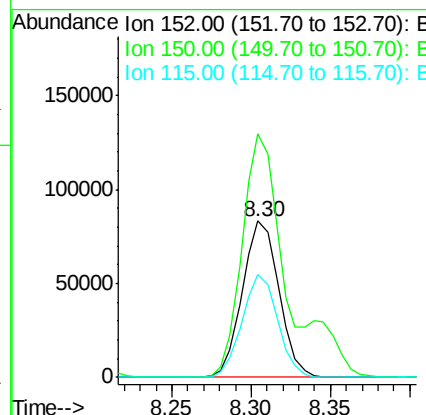
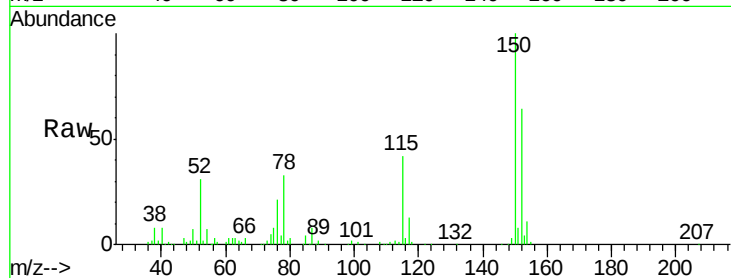


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.30 min Scan# 853
 Delta R.T. -0.01 min
 Lab File: BM015814.D
 Acq: 06 Jul 2018 22:35

Instrument :
 BNA_M
 ClientSampleId :
 GF-02MSD

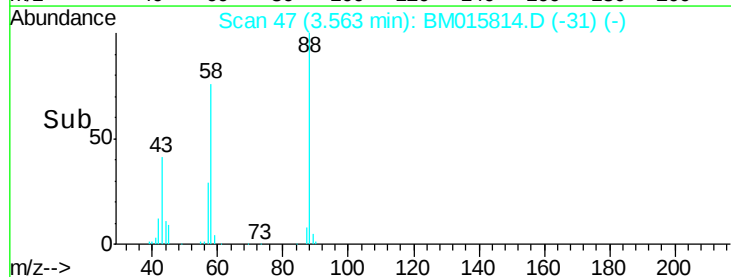
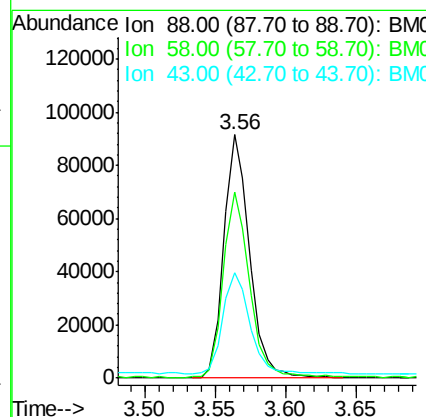
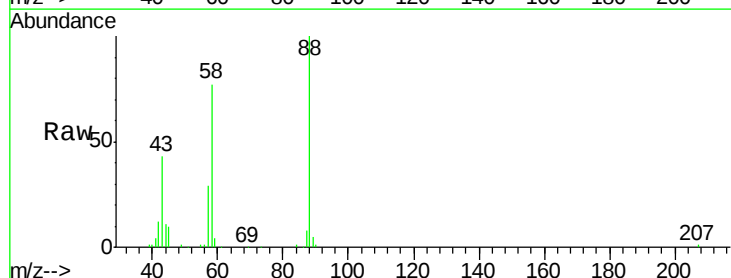
Tgt Ion:152 Resp: 133154
 Ion Ratio Lower Upper
 152 100
 150 155.6 119.5 179.3
 115 65.8 43.0 64.4#

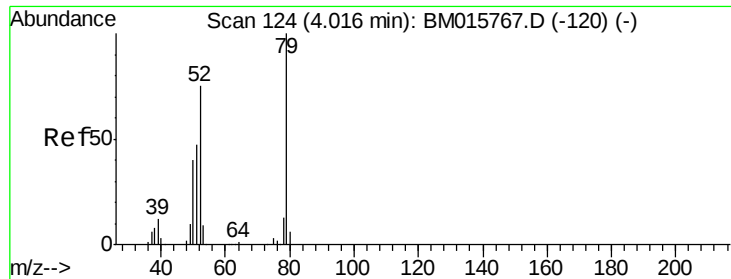


#2

1,4-Dioxane
 Concen: 36.243 ng
 RT: 3.56 min Scan# 47
 Delta R.T. -0.01 min
 Lab File: BM015814.D
 Acq: 06 Jul 2018 22:35

Tgt Ion: 88 Resp: 116378
 Ion Ratio Lower Upper
 88 100
 58 78.8 0.0 0.0#
 43 44.1 0.0 0.0#

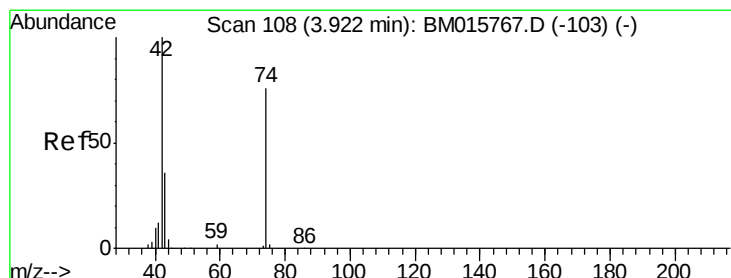
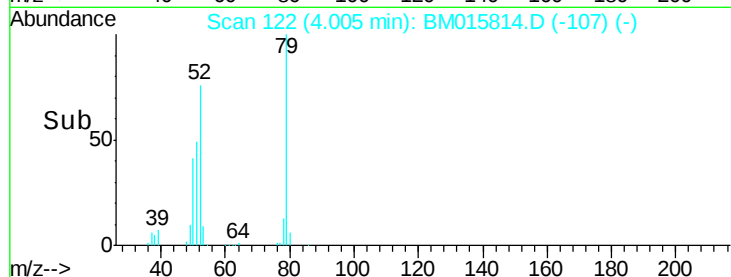
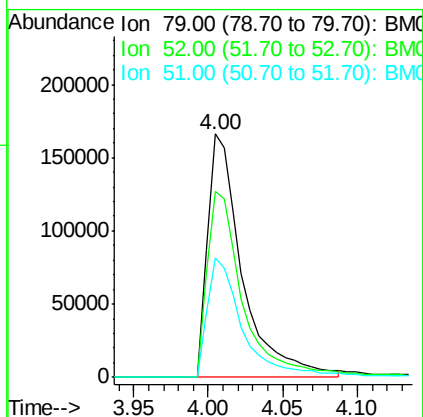
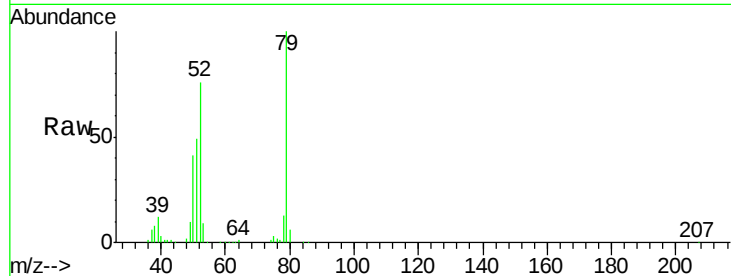




#3
 Pyridine
 Concen: 31.735 ng
 RT: 4.00 min Scan# 122
 Delta R.T. -0.01 min
 Lab File: BM015814.D
 Acq: 06 Jul 2018 22:35

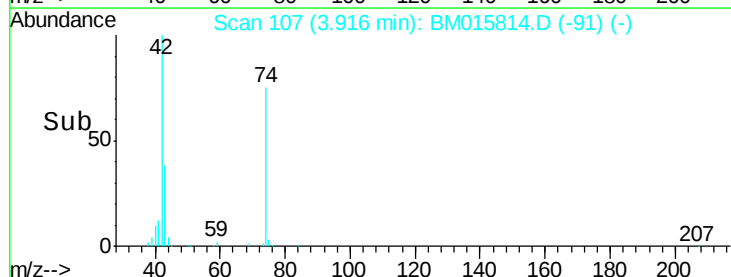
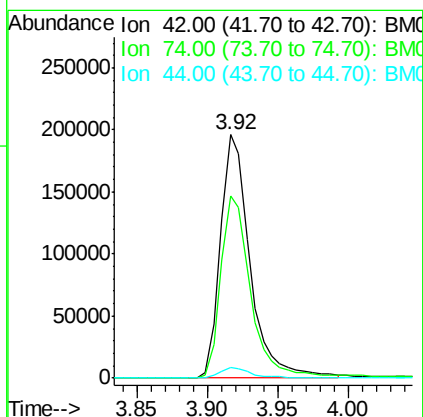
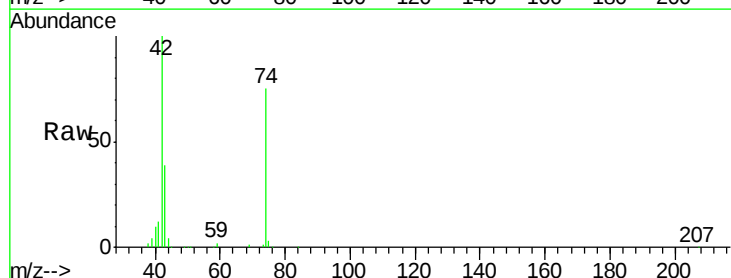
Instrument :
 BNA_M
 ClientSampleId :
 GF-02MSD

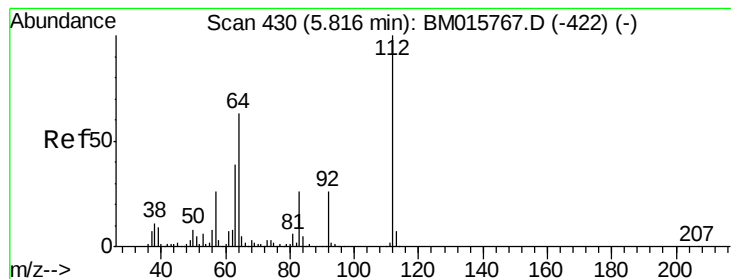
Tgt Ion: 79 Resp: 268907
 Ion Ratio Lower Upper
 79 100
 52 76.2 51.1 76.7
 51 48.9 26.1 39.1#



#4
 n-Nitrosodimethylamine
 Concen: 43.583 ng
 RT: 3.92 min Scan# 107
 Delta R.T. -0.01 min
 Lab File: BM015814.D
 Acq: 06 Jul 2018 22:35

Tgt Ion: 42 Resp: 287559
 Ion Ratio Lower Upper
 42 100
 74 74.7 119.3 178.9#
 44 4.3 5.4 8.2#





#5

2-Fluorophenol

Concen: 43.583 ng

RT: 5.81 min Scan# 429

Delta R.T. -0.01 min

Lab File: BM015814.D

Acq: 06 Jul 2018 22:35

Instrument :

BNA_M

ClientSampleId :

GF-02MSD

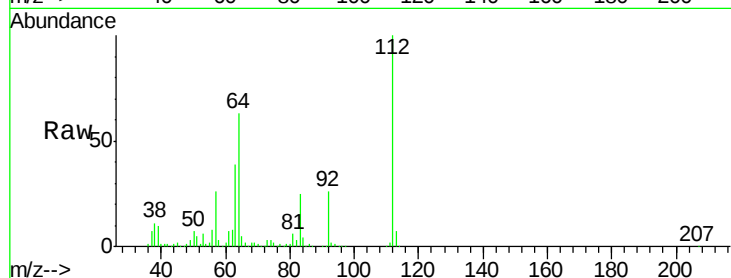
Tgt Ion: 112 Resp: 1268609

Ion Ratio Lower Upper

112 100

64 63.2 38.6 57.8#

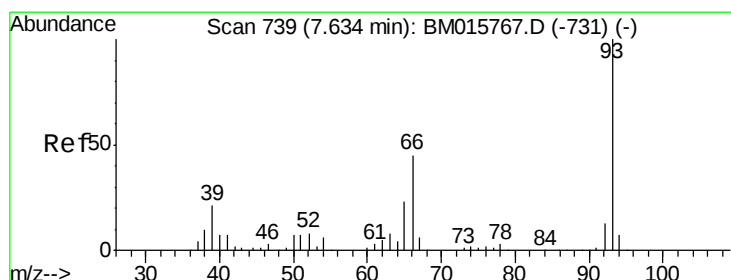
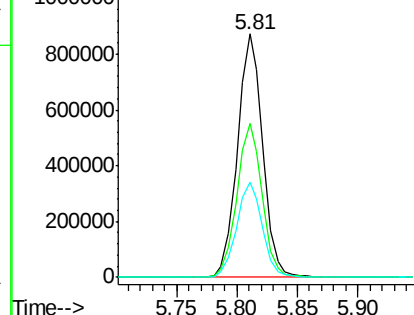
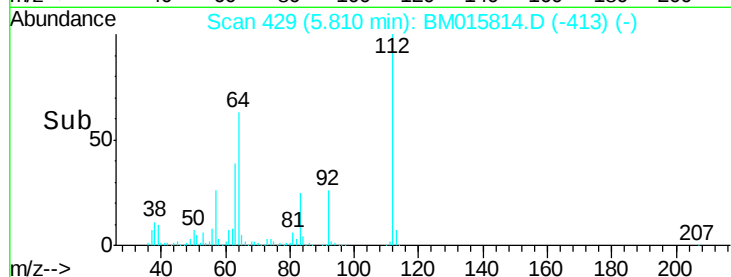
63 39.3 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 31.867 ng

RT: 7.63 min Scan# 738

Delta R.T. -0.01 min

Lab File: BM015814.D

Acq: 06 Jul 2018 22:35

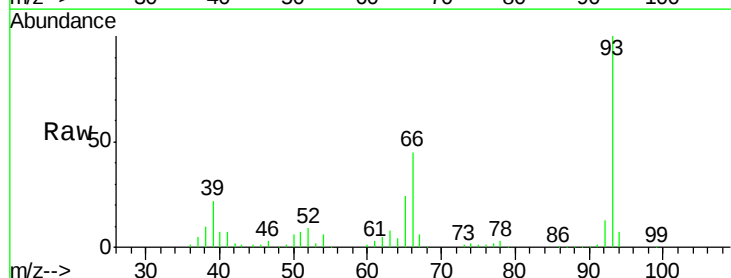
Tgt Ion: 93 Resp: 410657

Ion Ratio Lower Upper

93 100

66 45.1 30.8 46.2

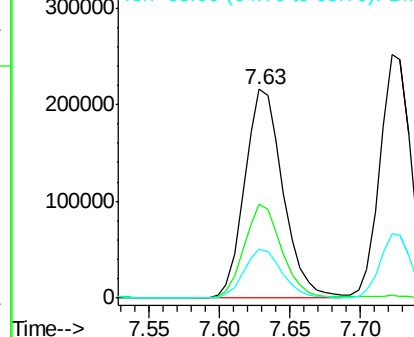
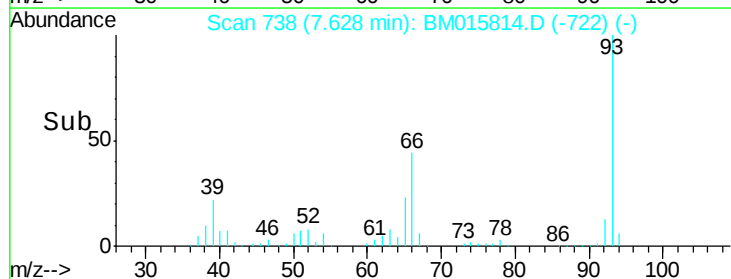
65 23.6 16.0 24.0

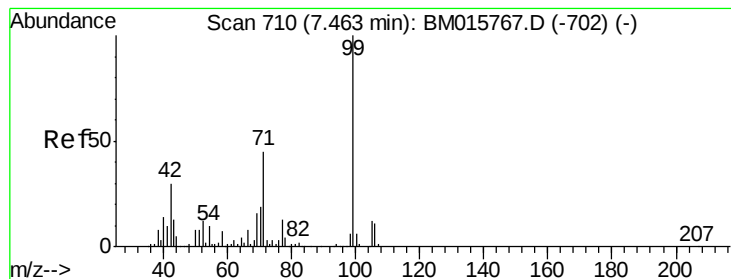


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 31.867 ng

RT: 7.47 min Scan# 711

Delta R.T. 0.01 min

Lab File: BM015814.D

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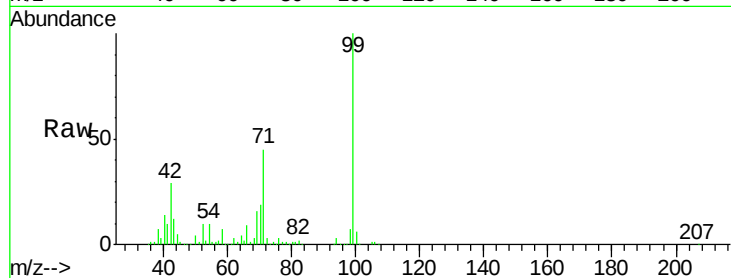
Tgt Ion: 99 Resp: 1679039

Ion Ratio Lower Upper

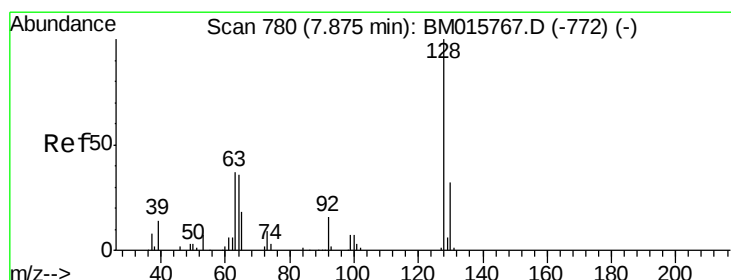
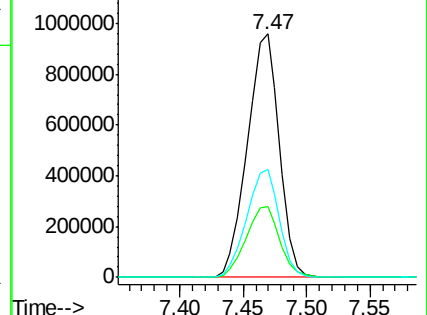
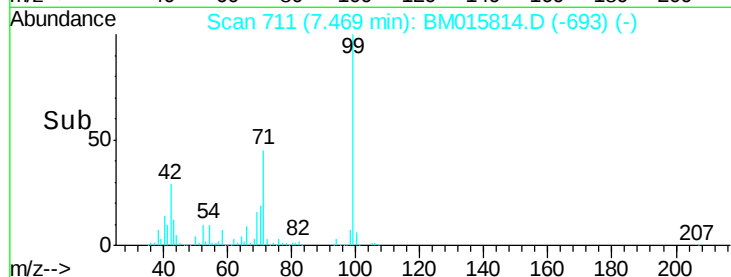
99 100

42 29.3 11.0 16.4#

71 44.5 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM015814.D (-693) (-)



#8

2-Chlorophenol

Concen: 49.649 ng

RT: 7.87 min Scan# 779

Delta R.T. -0.01 min

Lab File: BM015814.D

Acq: 06 Jul 2018 22:35

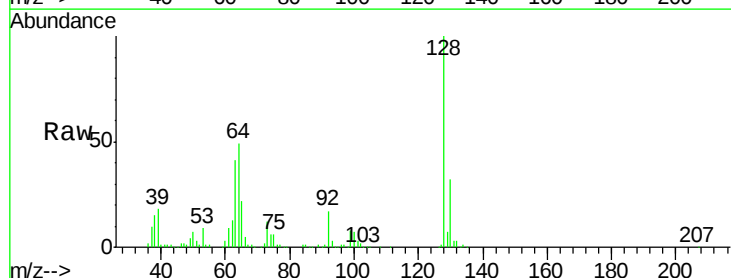
Tgt Ion: 128 Resp: 462647

Ion Ratio Lower Upper

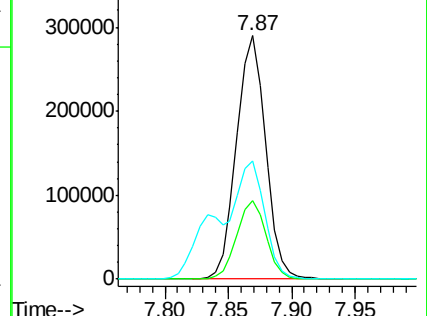
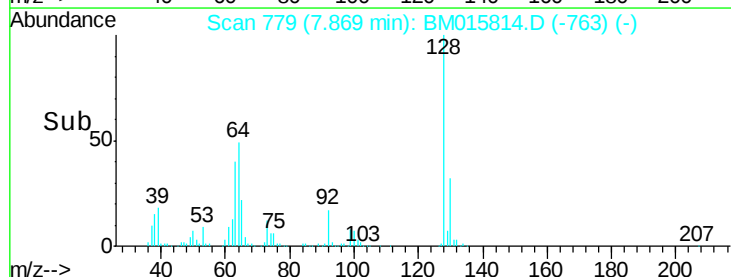
128 100

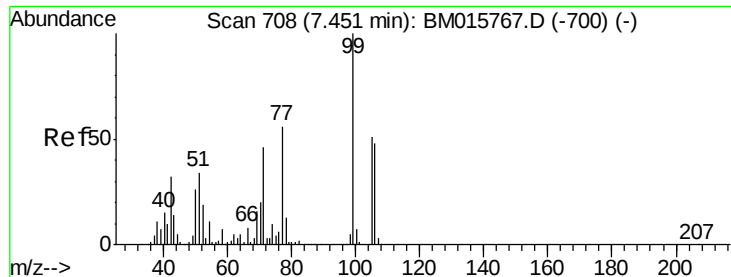
130 32.2 12.0 52.0

64 48.6 24.9 64.9



Abundance Ion 128.00 (127.70 to 128.70): BM015814.D (-763) (-)





#9

Benzaldehyde

Concen: 32.174 ng

RT: 7.44 min Scan# 706

Delta R.T. -0.01 min

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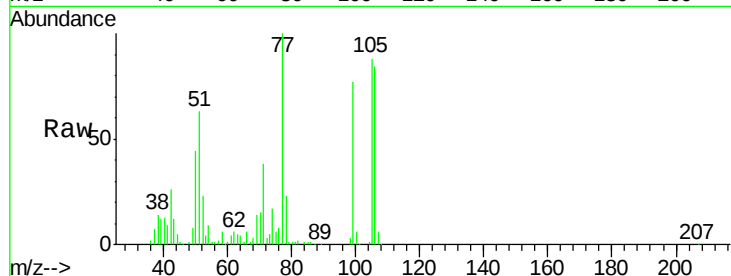
Tgt Ion: 77 Resp: 215546

Ion Ratio Lower Upper

77 100

105 88.0 78.8 118.8

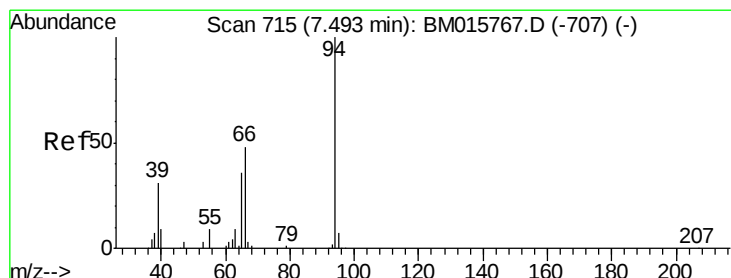
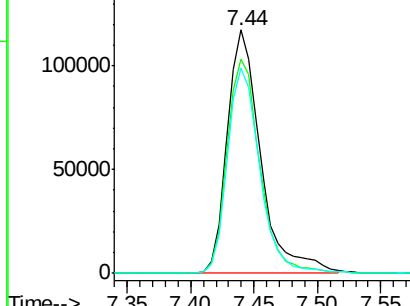
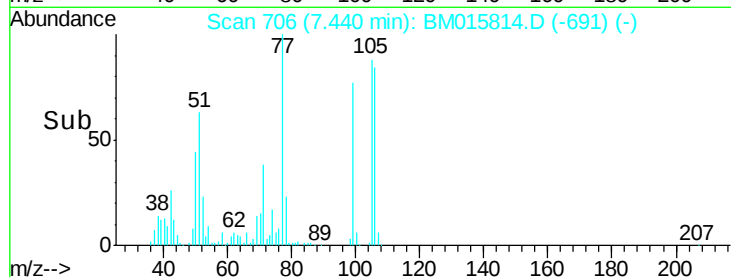
106 84.4 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BM015814.D (-691) (-)

Ion 105.00 (104.70 to 105.70): BM015814.D (-691) (-)

Ion 106.00 (105.70 to 106.70): BM015814.D (-691) (-)



#10

Phenol

Concen: 54.661 ng

RT: 7.49 min Scan# 715

Delta R.T. -0.00 min

Lab File: BM015814.D

Acq: 06 Jul 2018 22:35

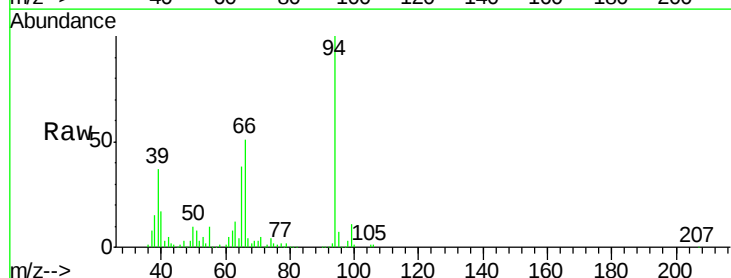
Tgt Ion: 94 Resp: 583805

Ion Ratio Lower Upper

94 100

65 37.5 18.8 58.8

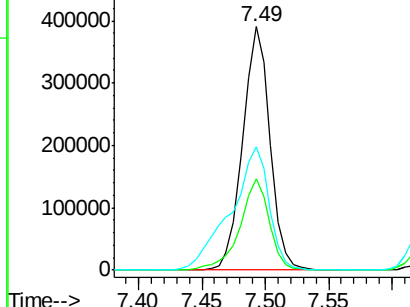
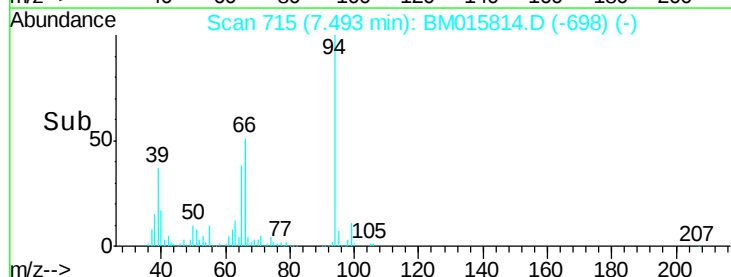
66 50.7 39.9 79.9

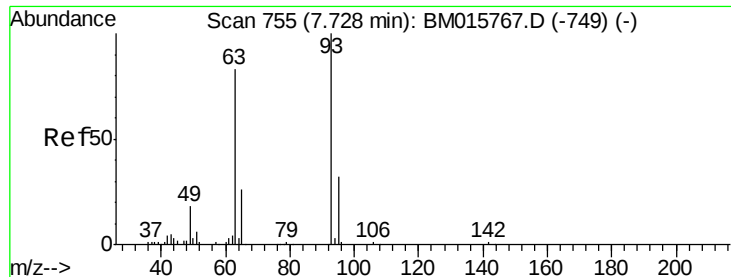


Abundance Ion 94.00 (93.70 to 94.70): BM015814.D (-698) (-)

Ion 65.00 (64.70 to 65.70): BM015814.D (-698) (-)

Ion 66.00 (65.70 to 66.70): BM015814.D (-698) (-)



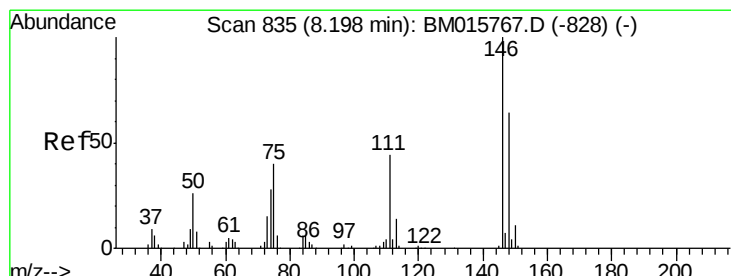
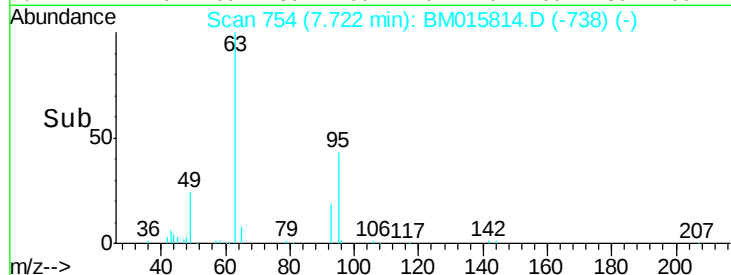
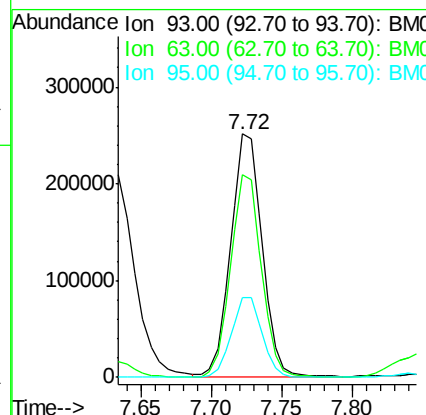
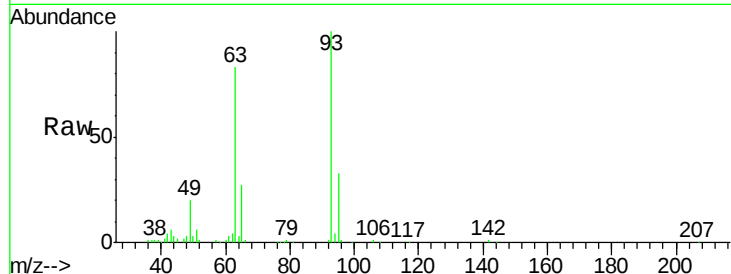


#11
bis(2-Chloroethyl)ether
Concen: 44.411 ng
RT: 7.72 min Scan# 754
Delta R.T. -0.01 min
Lab File: BM015814.D
Acq: 06 Jul 2018 22:35

Instrument :
BNA_M
ClientSampleId :
GF-02MSD

Tgt Ion: 93 Resp: 385851

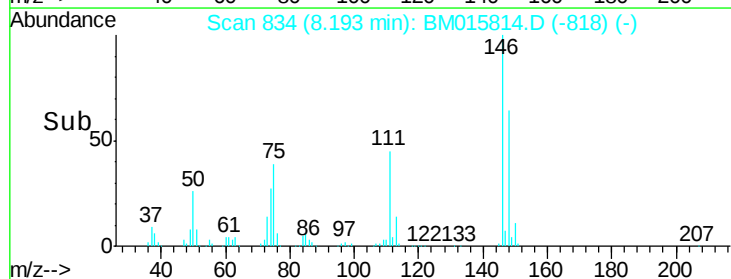
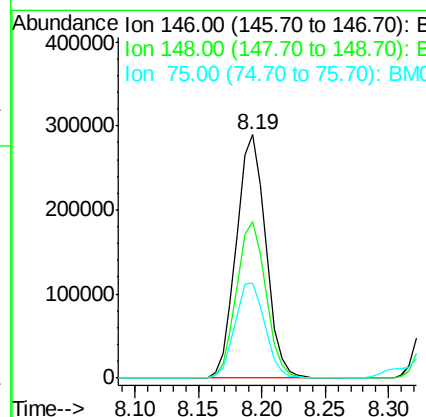
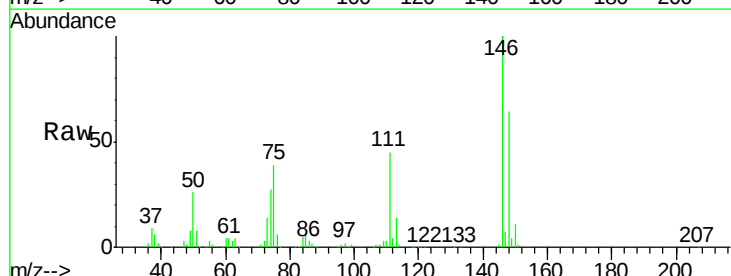
Ion	Ratio	Lower	Upper
93	100		
63	83.5	49.5	89.5
95	32.6	13.5	53.5

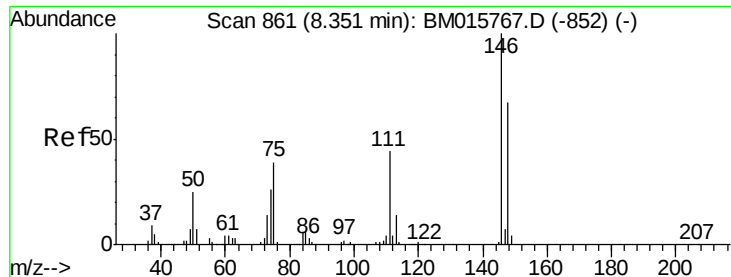


#12
1,3-Dichlorobenzene
Concen: 44.861 ng
RT: 8.19 min Scan# 834
Delta R.T. -0.01 min
Lab File: BM015814.D
Acq: 06 Jul 2018 22:35

Tgt Ion: 146 Resp: 463490

Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.9	76.3
75	38.9	21.4	32.2

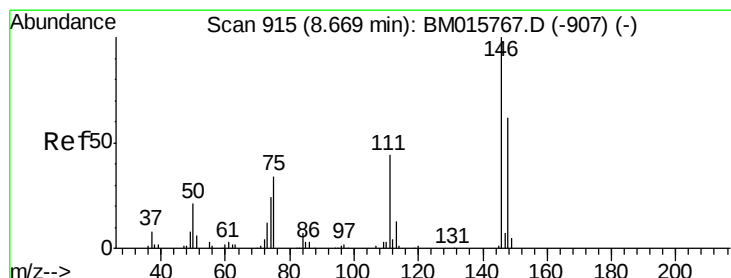
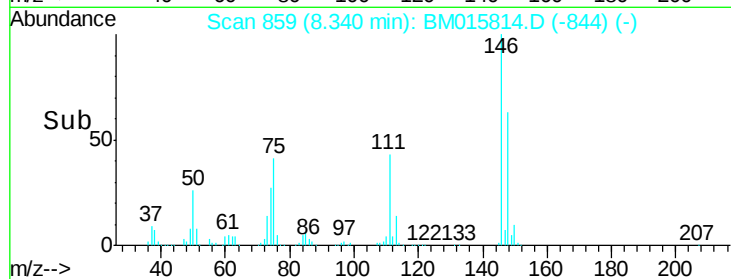
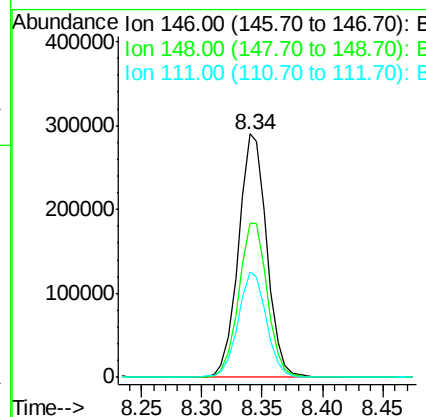
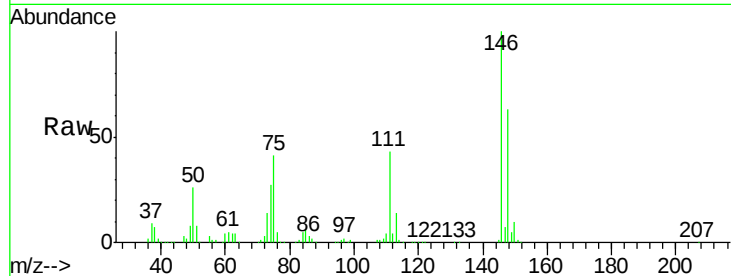




#13
 1,4-Dichlorobenzene
 Concen: 44.315 ng
 RT: 8.34 min Scan# 859
 Delta R.T. -0.01 min
 Lab File: BM015814.D
 Acq: 06 Jul 2018 22:35

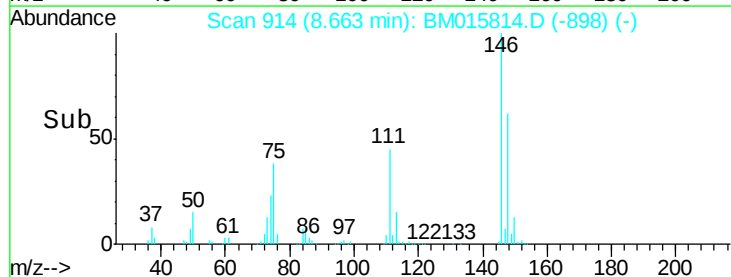
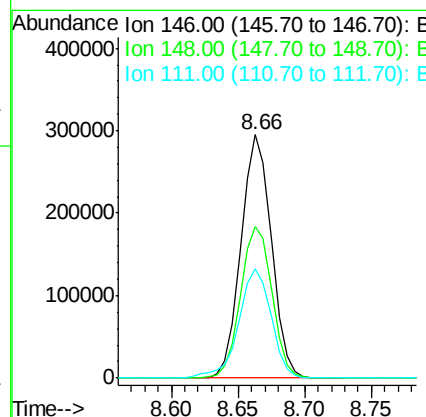
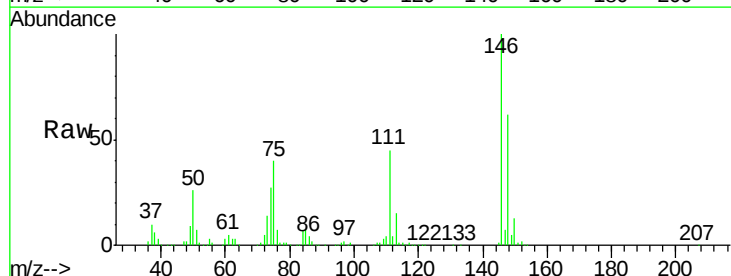
Instrument :
 BNA_M
 ClientSampleId :
 GF-02MSD

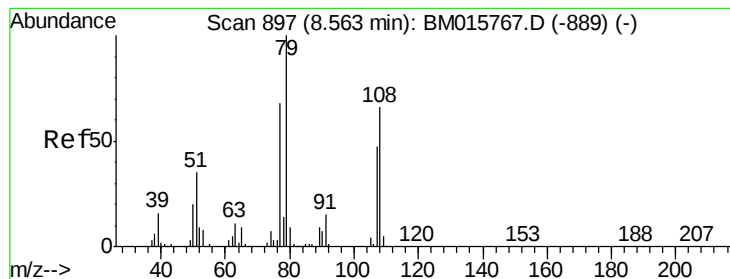
Tgt Ion:146 Resp: 473456
 Ion Ratio Lower Upper
 146 100
 148 63.1 51.9 77.9
 111 43.4 29.2 43.8



#14
 1,2-Dichlorobenzene
 Concen: 44.970 ng
 RT: 8.66 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BM015814.D
 Acq: 06 Jul 2018 22:35

Tgt Ion:146 Resp: 464660
 Ion Ratio Lower Upper
 146 100
 148 62.3 52.3 78.5
 111 44.6 30.6 45.8





#15

Benzyl Alcohol

Concen: 45.871 ng

RT: 8.56 min Scan# 896

Delta R.T. -0.01 min

Lab File: BM015814.D

Acq: 06 Jul 2018 22:35

Instrument :

BNA_M

ClientSampleId :

GF-02MSD

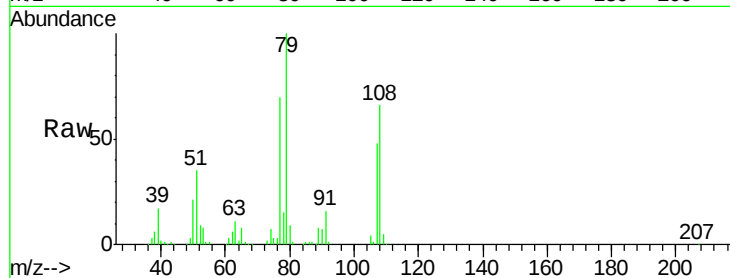
Tgt Ion: 79 Resp: 423295

Ion Ratio Lower Upper

79 100

108 65.9 65.0 97.4

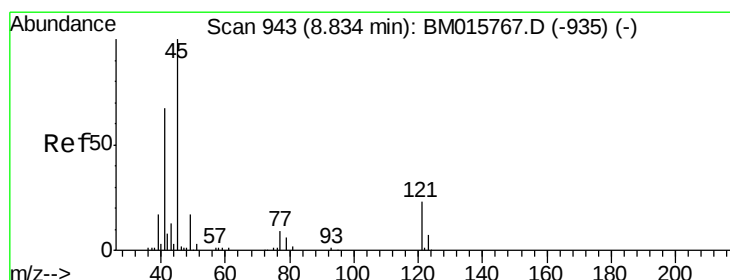
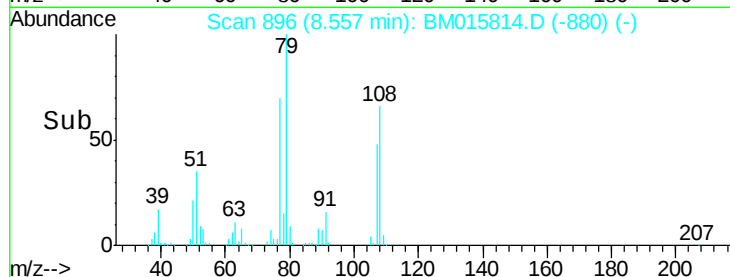
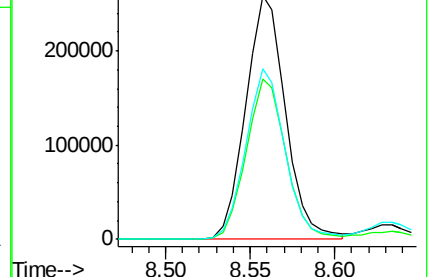
77 70.2 53.0 79.6



Abundance Ion 79.00 (78.70 to 79.70): BM015767.D (-889) (-)

Ion 108.00 (107.70 to 108.70): BM015767.D (-889) (-)

Ion 77.00 (76.70 to 77.70): BM015767.D (-889) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 63.925 ng

RT: 8.83 min Scan# 943

Delta R.T. -0.00 min

Lab File: BM015814.D

Acq: 06 Jul 2018 22:35

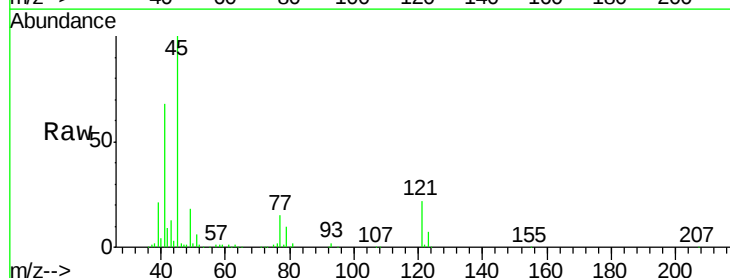
Tgt Ion: 45 Resp: 606559

Ion Ratio Lower Upper

45 100

77 14.6 0.0 35.2

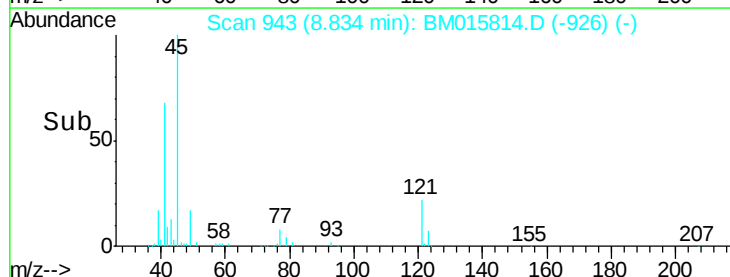
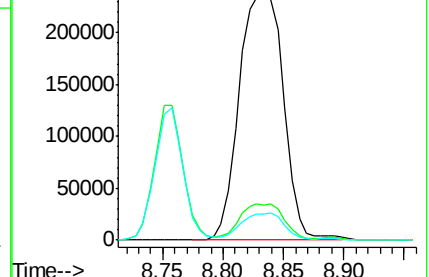
79 10.5 0.0 32.0

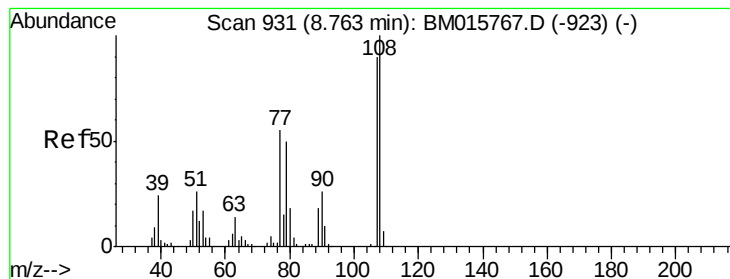


Abundance Ion 45.00 (44.70 to 45.70): BM015767.D (-935) (-)

Ion 77.00 (76.70 to 77.70): BM015767.D (-935) (-)

Ion 79.00 (78.70 to 79.70): BM015767.D (-935) (-)

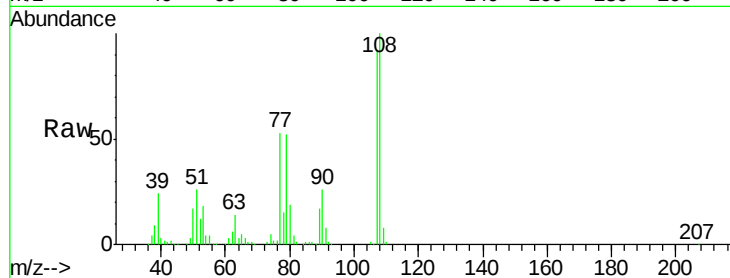




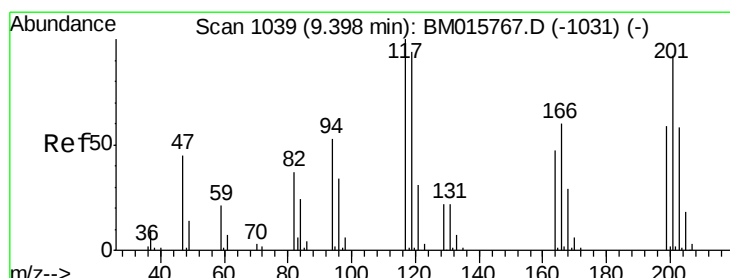
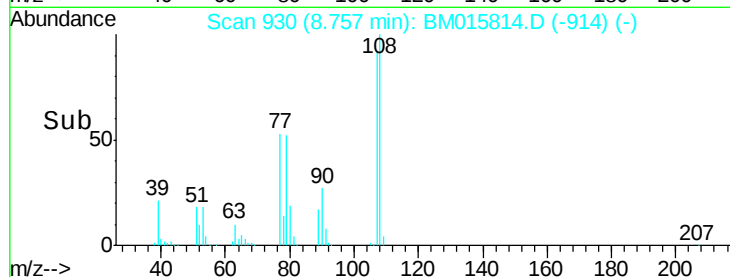
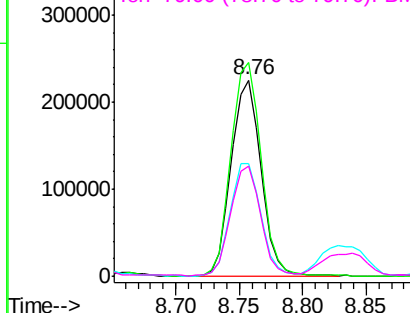
#17
2-Methylphenol
Concen: 49.471 ng
RT: 8.76 min Scan# 930
Delta R.T. -0.01 min
Lab File: BM015814.D
Acq: 06 Jul 2018 22:35

Instrument :
BNA_M
ClientSampleId :
GF-02MSD

Tgt Ion	Ratio	Lower	Upper
107	100		
108	108.7	89.8	134.8
77	57.5	32.6	48.8
79	56.4	32.8	49.2

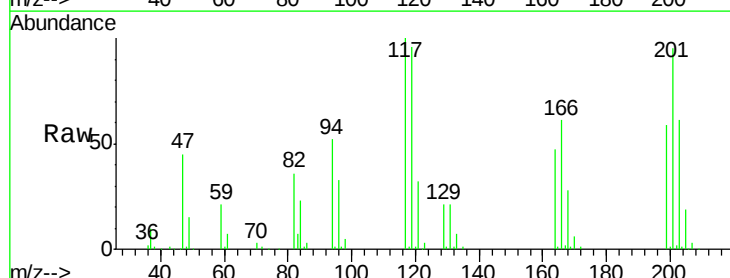


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

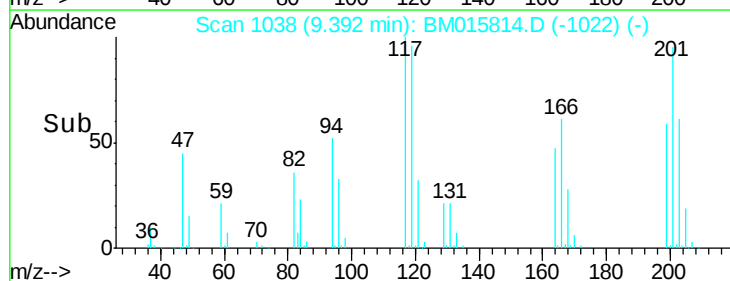
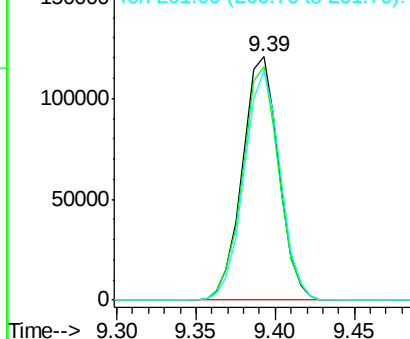


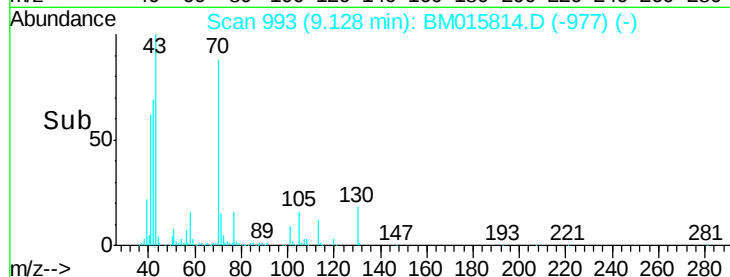
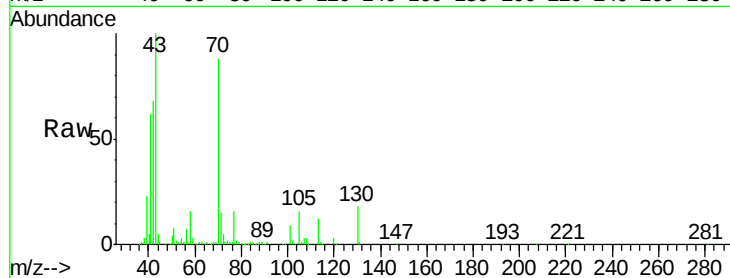
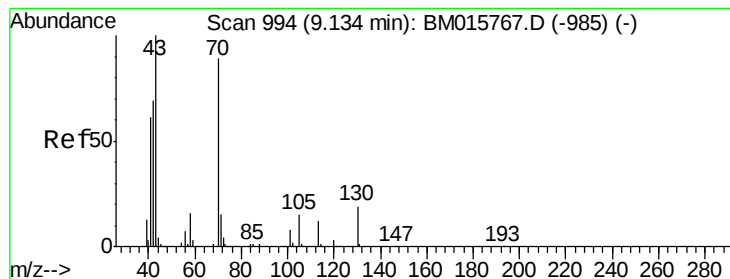
#18
Hexachloroethane
Concen: 45.614 ng
RT: 9.39 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BM015814.D
Acq: 06 Jul 2018 22:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	79.2	118.8
201	94.5	69.8	104.6



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 42.234 ng

RT: 9.13 min Scan# 993

Delta R.T. -0.01 min

Lab File: BM015814.D

Acq: 06 Jul 2018 22:35

Instrument :

BNA_M

ClientSampleId :

GF-02MSD

Tgt Ion: 70 Resp: 360783

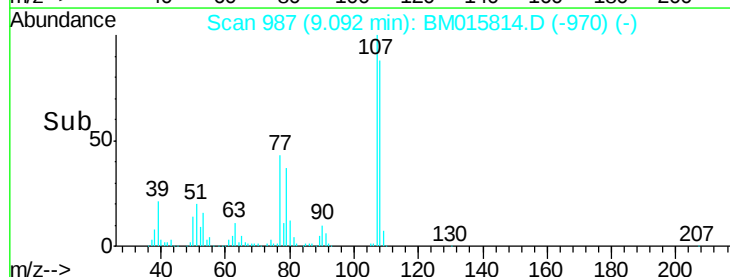
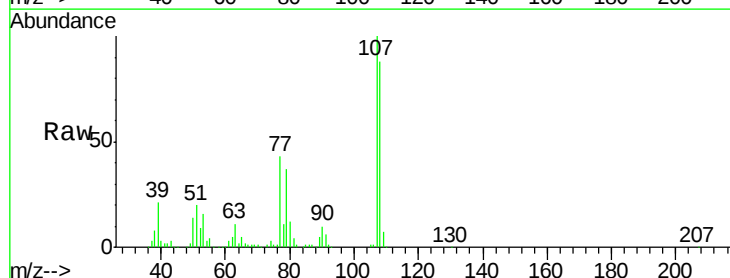
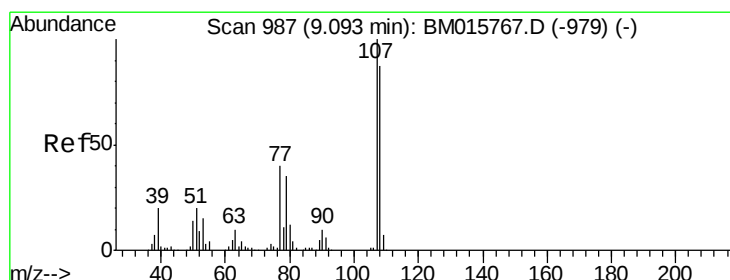
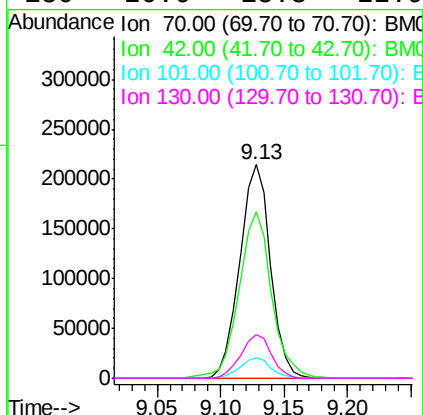
Ion Ratio Lower Upper

70 100

42 78.1 44.5 66.7#

101 9.9 7.4 11.2

130 20.6 15.3 22.9



#20

3+4-Methylphenols

Concen: 48.334 ng

RT: 9.09 min Scan# 987

Delta R.T. -0.00 min

Lab File: BM015814.D

Acq: 06 Jul 2018 22:35

Tgt Ion: 107 Resp: 496787

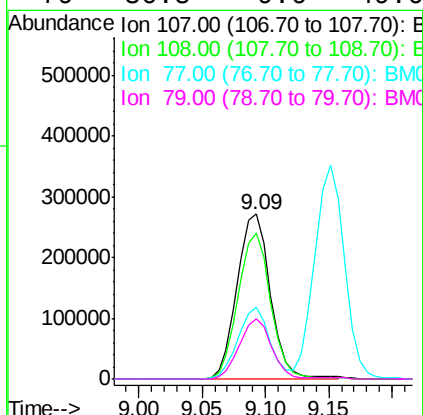
Ion Ratio Lower Upper

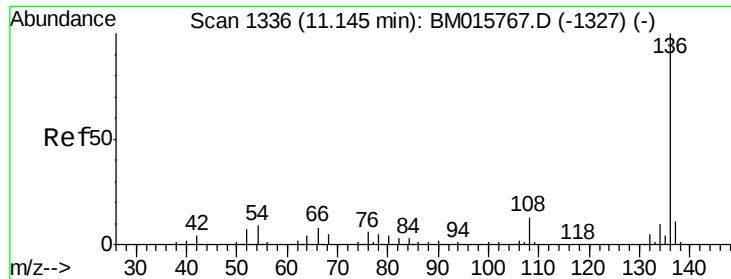
107 100

108 88.3 73.2 113.2

77 43.1 10.7 50.7

79 36.8 9.6 49.6

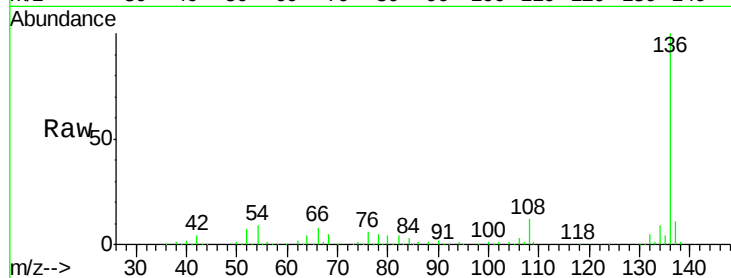




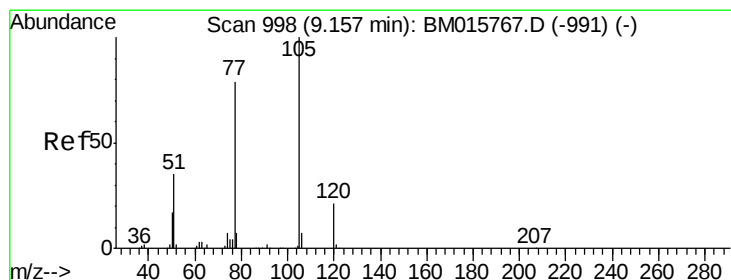
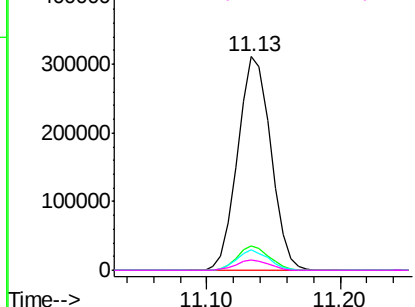
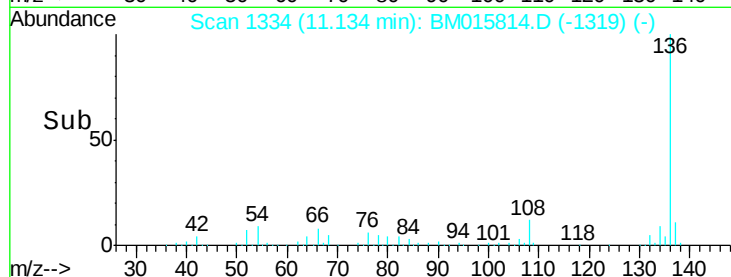
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.13 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BM015814.D
Acq: 06 Jul 2018 22:35

Instrument :
BNA_M
ClientSampleId :
GF-02MSD

Tgt Ion:	136	Resp:	534586
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	9.3	4.6	6.8#
68	4.9	3.7	5.5

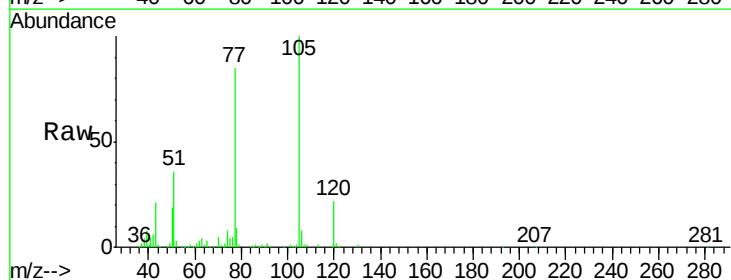


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

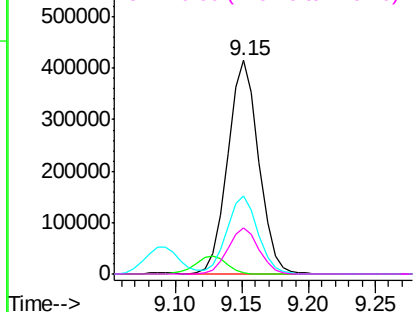
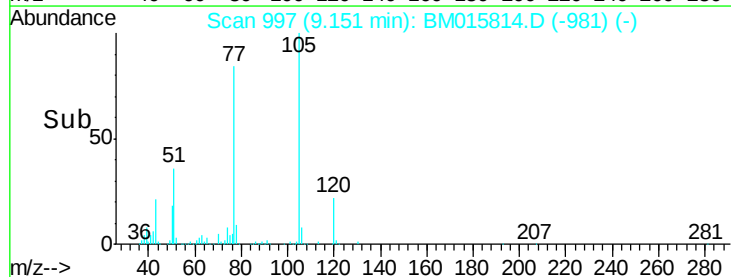


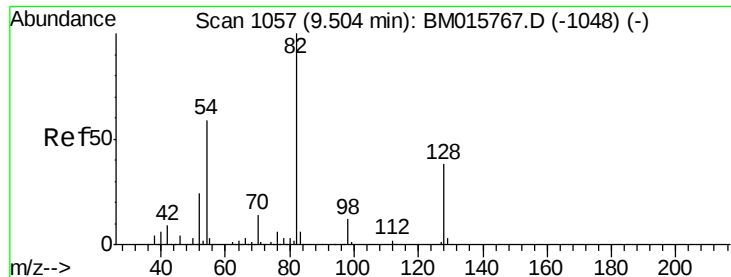
#22
Acetophenone
Concen: 47.998 ng
RT: 9.15 min Scan# 997
Delta R.T. -0.01 min
Lab File: BM015814.D
Acq: 06 Jul 2018 22:35

Tgt Ion:	105	Resp:	668432
Ion	Ratio	Lower	Upper
105	100		
71	0.9	0.6	1.0
51	36.3	21.6	32.4#
120	21.8	16.1	24.1



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM0
Ion 51.00 (50.70 to 51.70): BM0
Ion 120.00 (119.70 to 120.70): E

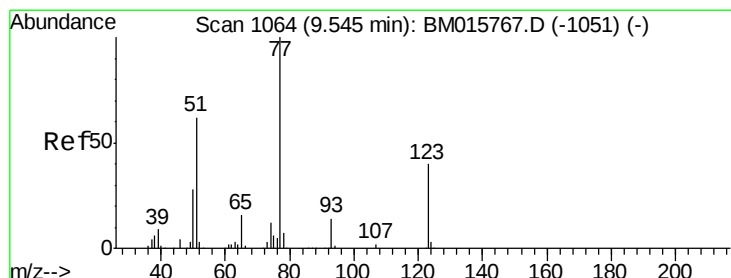
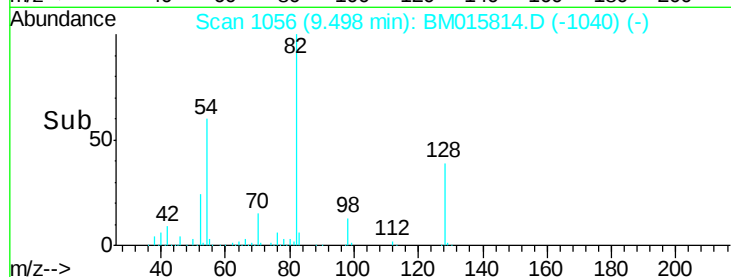
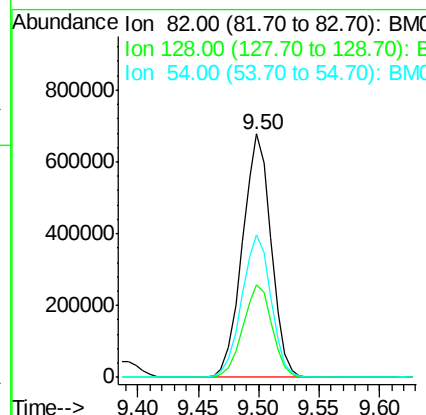
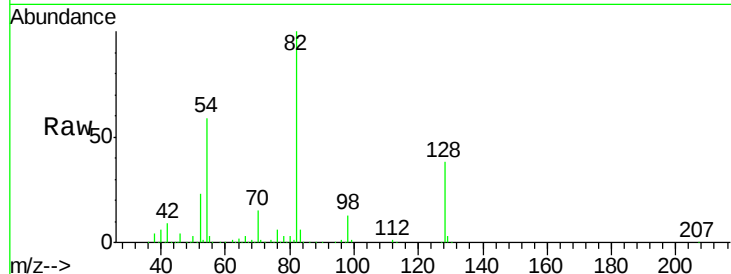




#23
 Nitrobenzene-d5
 Concen: 47.998 ng
 RT: 9.50 min Scan# 1056
 Delta R.T. -0.01 min
 Lab File: BM015814.D
 Acq: 06 Jul 2018 22:35

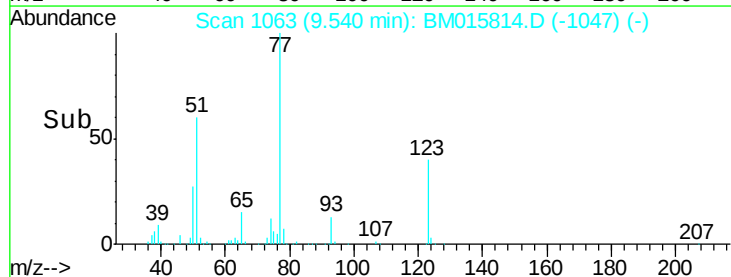
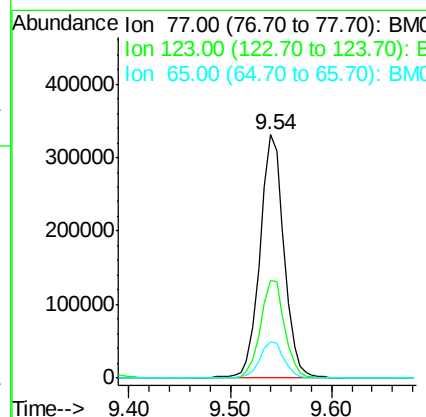
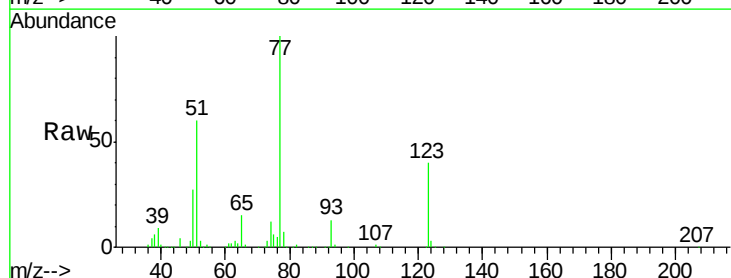
Instrument :
 BNA_M
 ClientSampleId :
 GF-02MSD

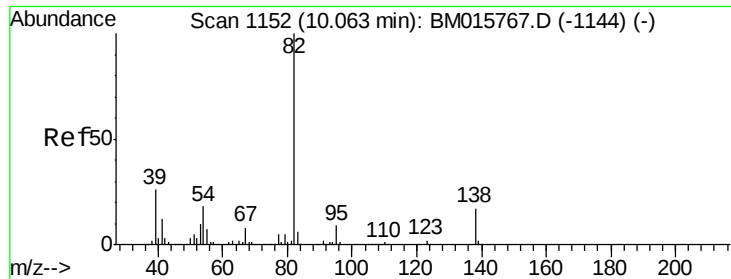
Tgt Ion: 82 Resp: 1128821
 Ion Ratio Lower Upper
 82 100
 128 37.8 32.8 49.2
 54 58.5 40.6 60.8



#24
 Nitrobenzene
 Concen: 51.289 ng
 RT: 9.54 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BM015814.D
 Acq: 06 Jul 2018 22:35

Tgt Ion: 77 Resp: 547012
 Ion Ratio Lower Upper
 77 100
 123 40.1 32.6 49.0
 65 15.0 10.9 16.3





#25

Isophorone

Concen: 54.998 ng

RT: 10.06 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BM015814.D

Acq: 06 Jul 2018 22:35

Instrument :

BNA_M

ClientSampleId :

GF-02MSD

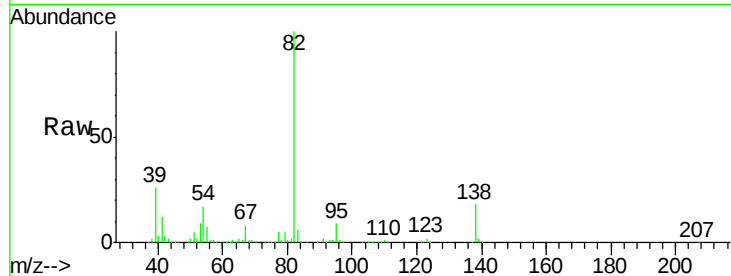
Tgt Ion: 82 Resp: 919743

Ion Ratio Lower Upper

82 100

95 9.2 5.8 8.6#

138 18.0 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BM015767.D (-1144) (-)

Ion 95.00 (94.70 to 95.70): BM015767.D (-1144) (-)

Ion 138.00 (137.70 to 138.70): BM015767.D (-1144) (-)

600000

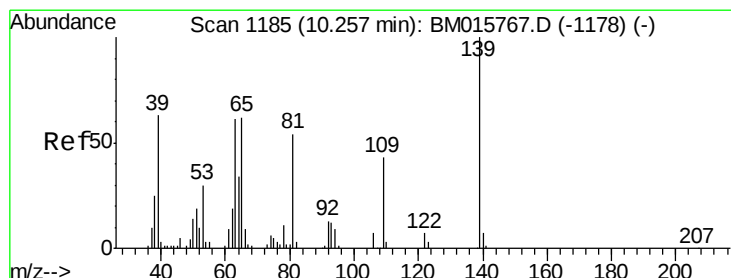
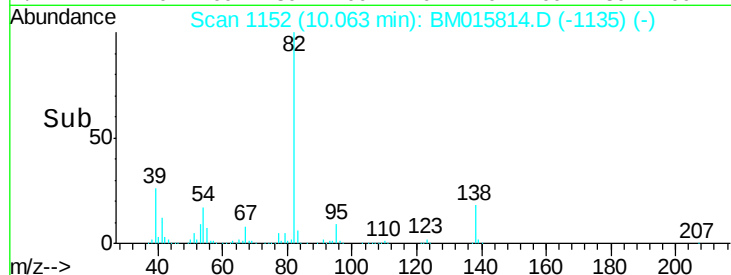
400000

200000

0

10.00 10.10

Time-->



#26

2-Nitrophenol

Concen: 52.933 ng

RT: 10.25 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BM015814.D

Acq: 06 Jul 2018 22:35

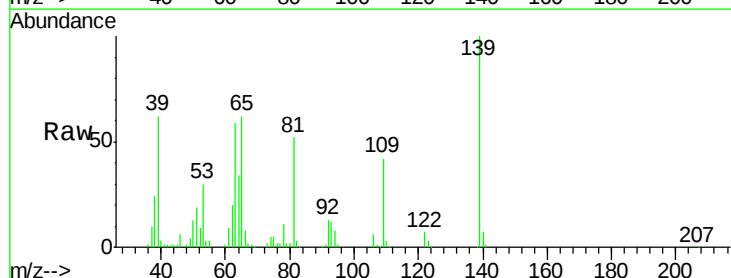
Tgt Ion: 139 Resp: 243098

Ion Ratio Lower Upper

139 100

109 41.9 20.1 30.1#

65 62.3 31.5 47.3#



Abundance Ion 139.00 (138.70 to 139.70): BM015767.D (-1178) (-)

Ion 109.00 (108.70 to 109.70): BM015767.D (-1178) (-)

Ion 65.00 (64.70 to 65.70): BM015767.D (-1178) (-)

200000

150000

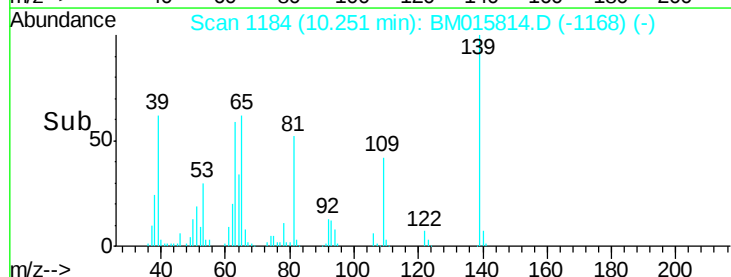
100000

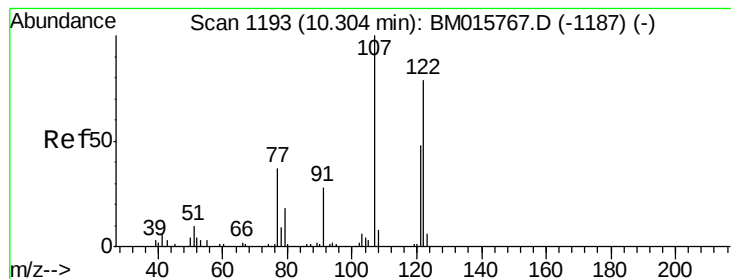
50000

0

10.20 10.30

Time-->





#27

2,4-Dimethylphenol

Concen: 57.859 ng

RT: 10.30 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BM015814.D

Acq: 06 Jul 2018 22:35

Instrument :

BNA_M

ClientSampleId :

GF-02MSD

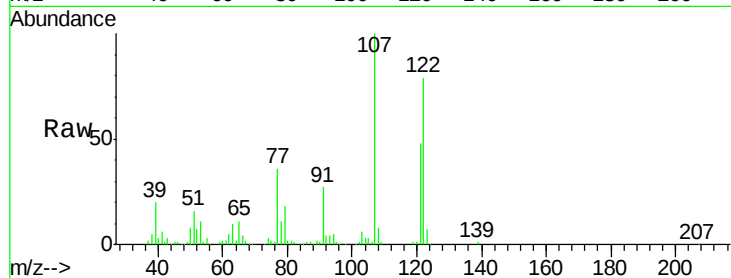
Tgt Ion:122 Resp: 403673

Ion Ratio Lower Upper

122 100

107 126.9 84.7 127.1

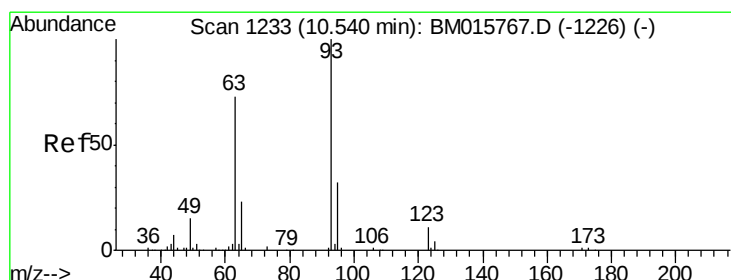
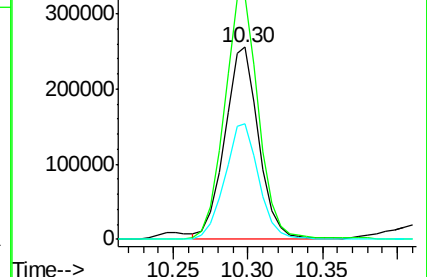
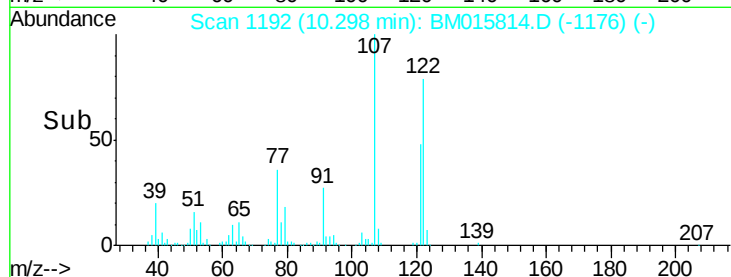
121 60.4 46.6 69.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 49.125 ng

RT: 10.53 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BM015814.D

Acq: 06 Jul 2018 22:35

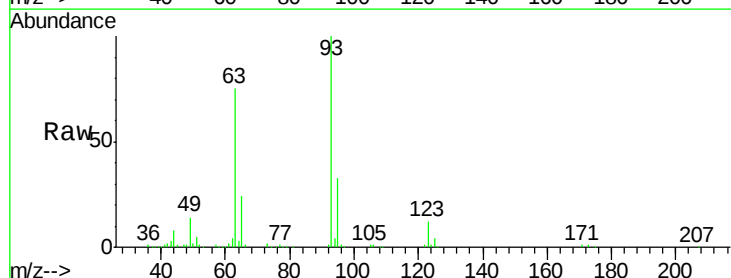
Tgt Ion: 93 Resp: 535231

Ion Ratio Lower Upper

93 100

95 33.4 25.5 38.3

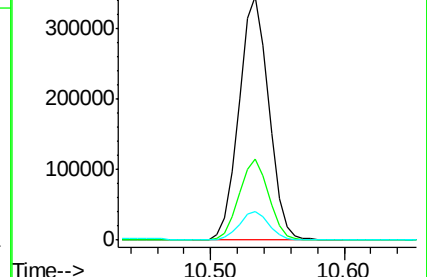
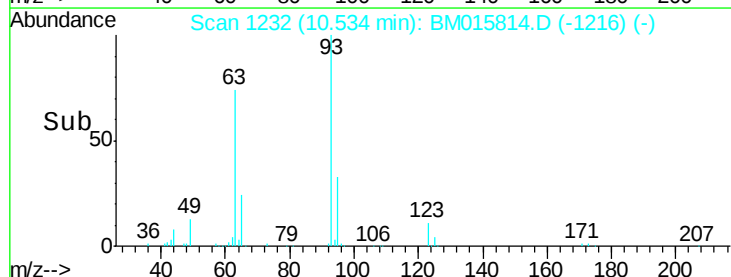
123 11.8 8.6 13.0

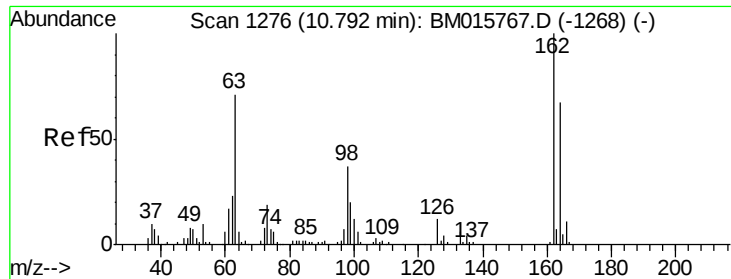


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

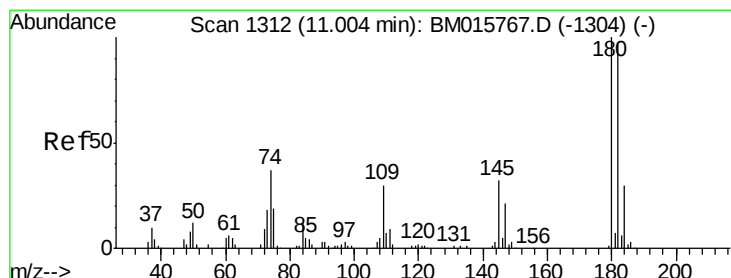
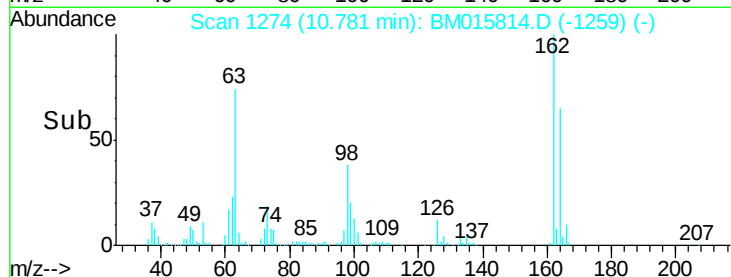
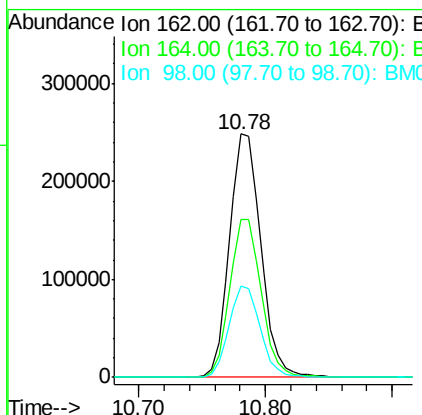
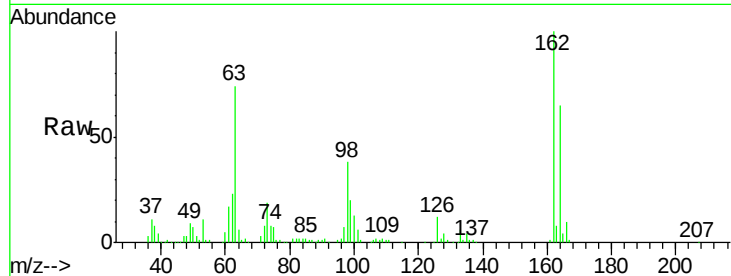




#29
 2,4-Dichlorophenol
 Concen: 55.171 ng
 RT: 10.78 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: BM015814.D
 Acq: 06 Jul 2018 22:35

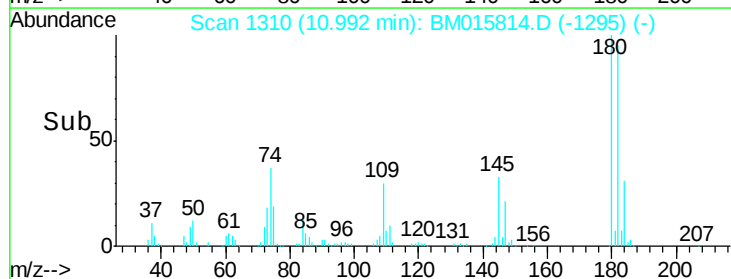
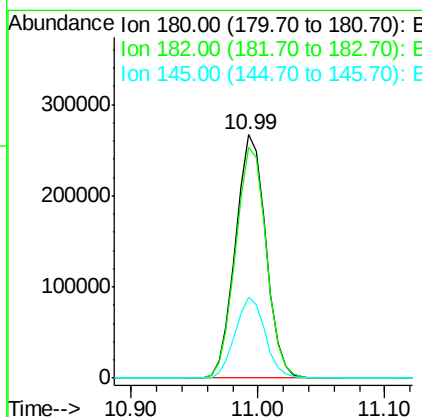
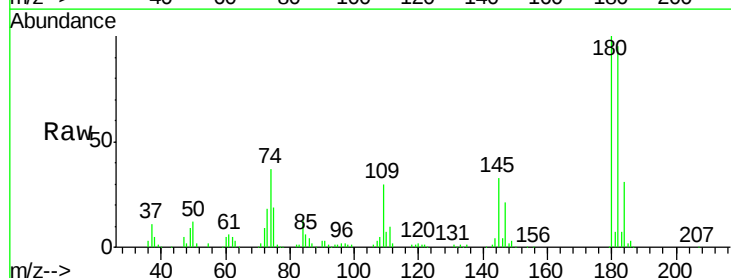
Instrument :
 BNA_M
 ClientSampleId :
 GF-02MSD

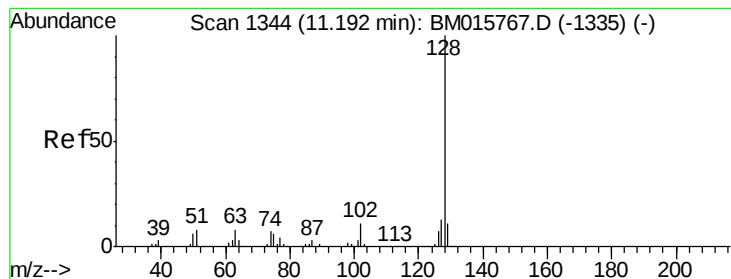
Tgt Ion:162 Resp: 426311
 Ion Ratio Lower Upper
 162 100
 164 64.6 42.8 82.8
 98 37.5 14.5 54.5



#30
 1,2,4-Trichlorobenzene
 Concen: 49.228 ng
 RT: 10.99 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BM015814.D
 Acq: 06 Jul 2018 22:35

Tgt Ion:180 Resp: 441816
 Ion Ratio Lower Upper
 180 100
 182 95.0 77.6 116.4
 145 33.3 23.4 35.2





#31

Naphthalene

Concen: 49.096 ng

RT: 11.19 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BM015814.D

Acq: 06 Jul 2018 22:35

Instrument :

BNA_M

ClientSampleId :

GF-02MSD

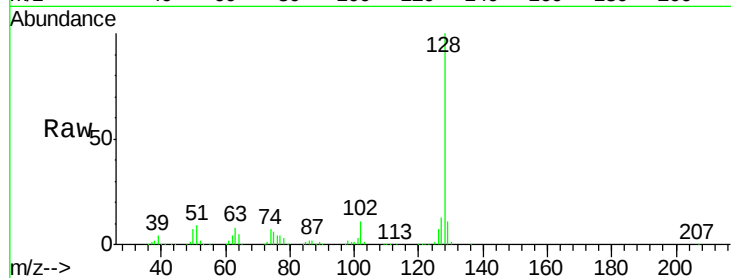
Tgt Ion:128 Resp: 1360764

Ion Ratio Lower Upper

128 100

129 10.9 8.9 13.3

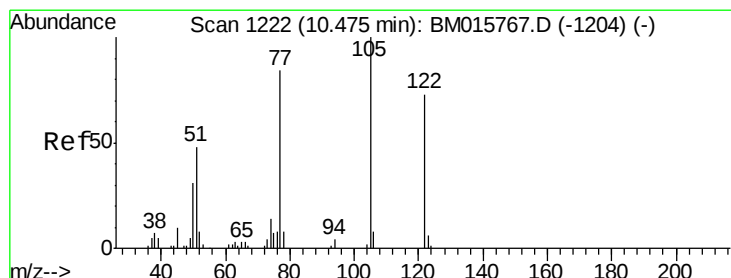
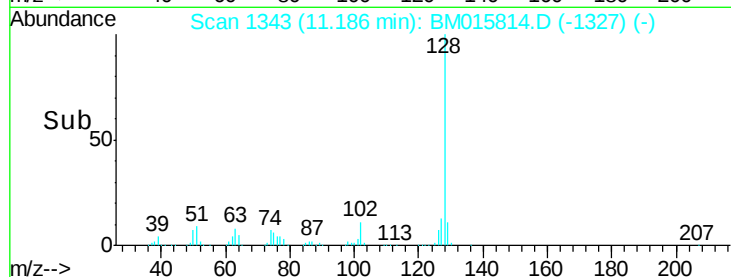
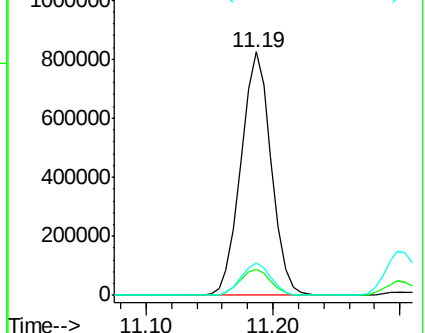
127 13.2 10.4 15.6



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



#32

Benzoic acid

Concen: 20.428 ng

RT: 10.45 min Scan# 1218

Delta R.T. -0.02 min

Lab File: BM015814.D

Acq: 06 Jul 2018 22:35

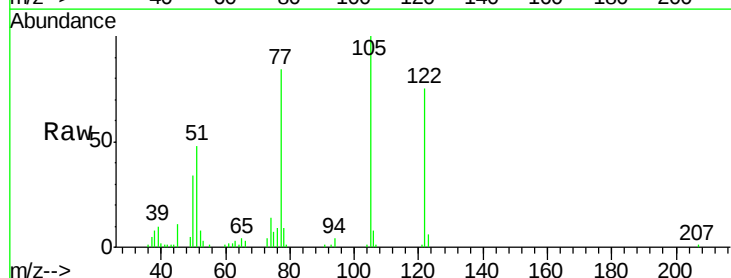
Tgt Ion:122 Resp: 126186

Ion Ratio Lower Upper

122 100

105 132.7 99.9 139.9

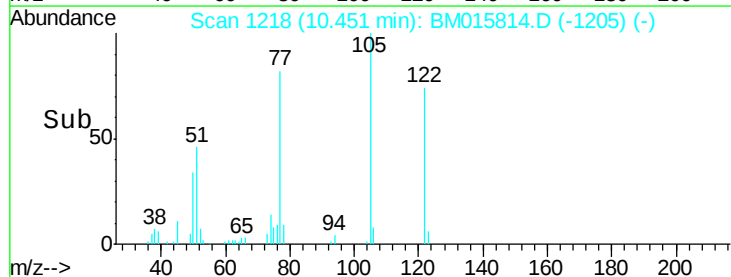
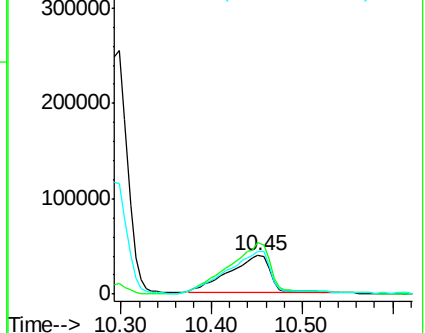
77 110.8 73.7 113.7

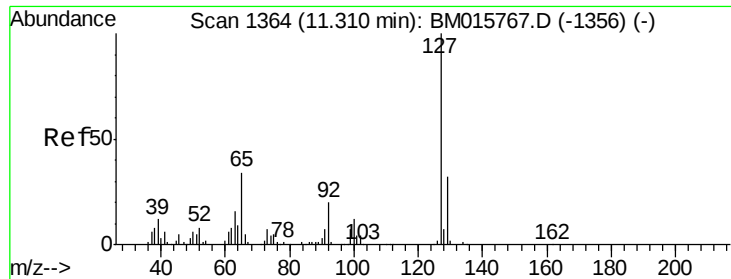


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

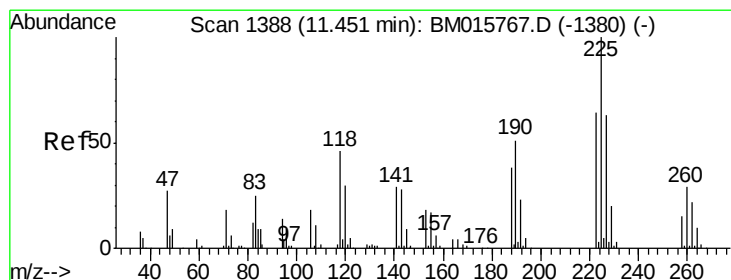
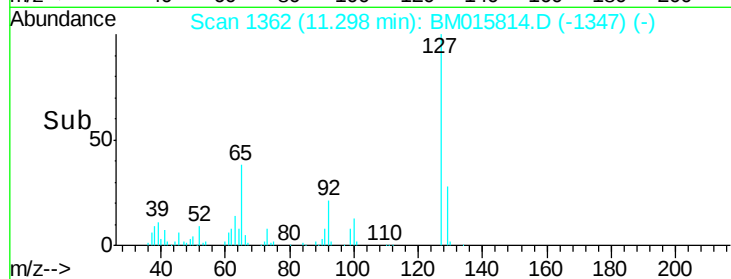
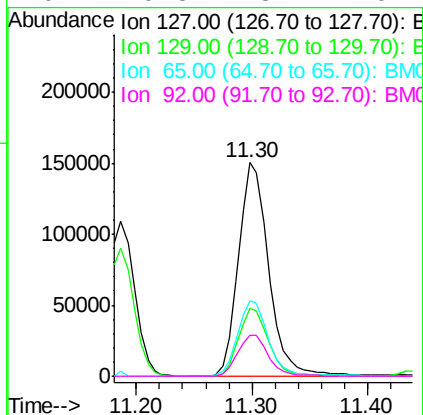
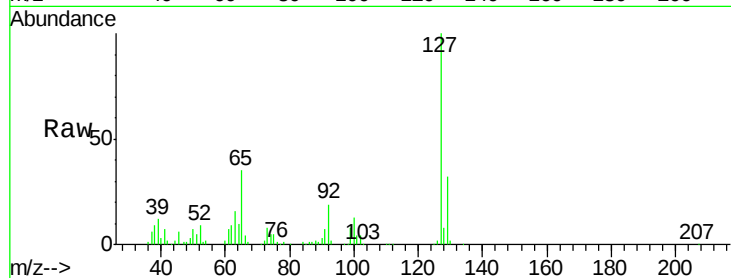




#33
4-Chloroaniline
Concen: 24.155 ng
RT: 11.30 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BM015814.D
Acq: 06 Jul 2018 22:35

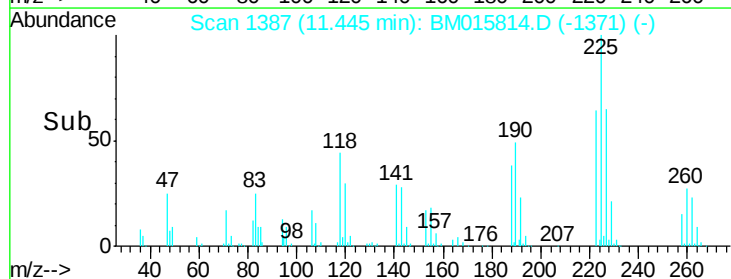
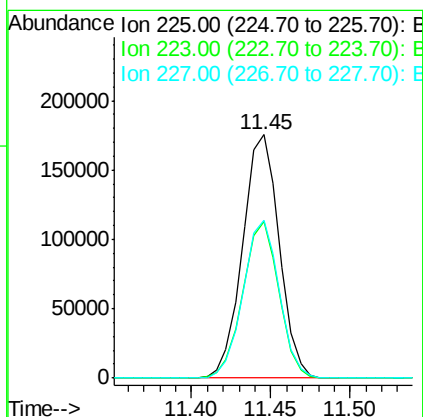
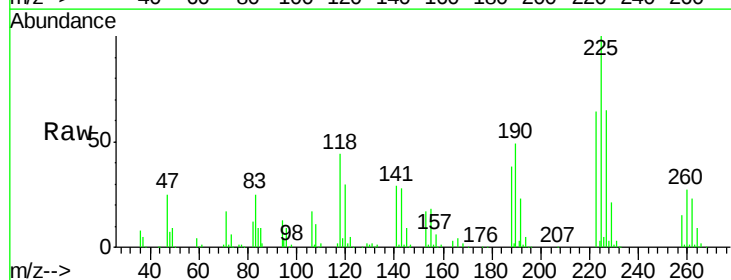
Instrument :
BNA_M
ClientSampleId :
GF-02MSD

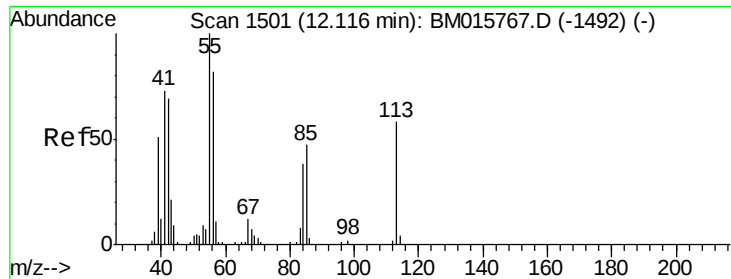
Tgt Ion:	127	Resp:	272959
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.3	37.9
65	35.2	17.6	26.4
92	19.3	13.1	19.7



#34
Hexachlorobutadiene
Concen: 47.003 ng
RT: 11.45 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BM015814.D
Acq: 06 Jul 2018 22:35

Tgt Ion:	225	Resp:	281535
Ion	Ratio	Lower	Upper
225	100		
223	64.2	47.9	71.9
227	64.7	50.1	75.1

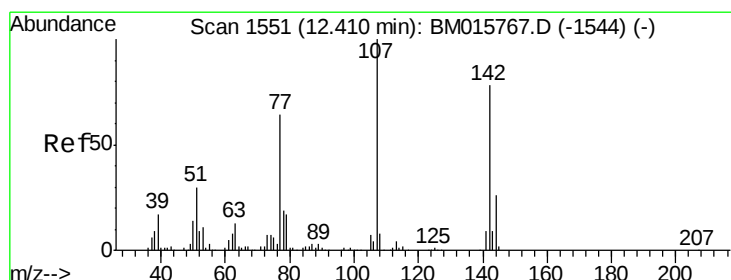
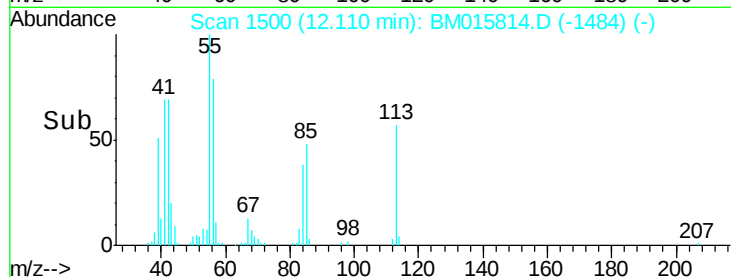
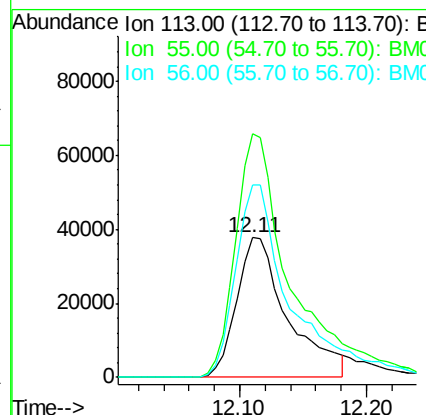
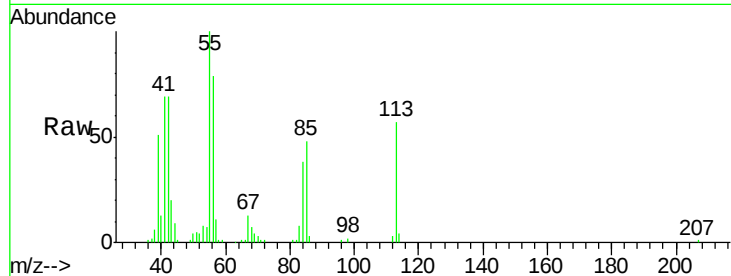




#35
 Caprolactam
 Concen: 41.263 ng
 RT: 12.11 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: BM015814.D
 Acq: 06 Jul 2018 22:35

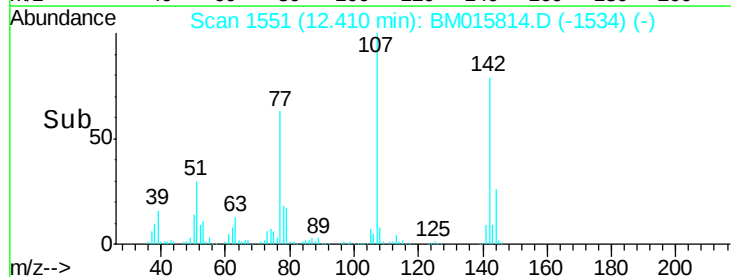
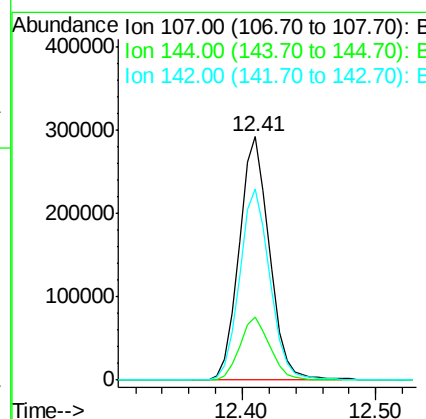
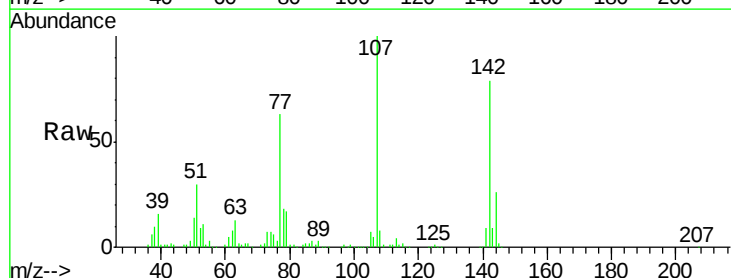
Instrument :
 BNA_M
 ClientSampleId :
 GF-02MSD

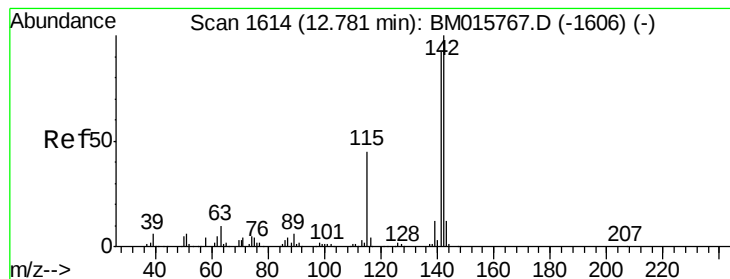
Tgt Ion:113 Resp: 105742
 Ion Ratio Lower Upper
 113 100
 55 174.7 145.9 185.9
 56 138.4 101.0 141.0



#36
 4-Chloro-3-methylphenol
 Concen: 51.734 ng
 RT: 12.41 min Scan# 1551
 Delta R.T. -0.00 min
 Lab File: BM015814.D
 Acq: 06 Jul 2018 22:35

Tgt Ion:107 Resp: 458687
 Ion Ratio Lower Upper
 107 100
 144 26.0 23.3 34.9
 142 78.7 72.6 109.0





#37

2-Methylnaphthalene

Concen: 50.926 ng

RT: 12.77 min Scan# 1613

Delta R.T. -0.01 min

Lab File: BM015814.D

Acq: 06 Jul 2018 22:35

Instrument :

BNA_M

ClientSampleId :

GF-02MSD

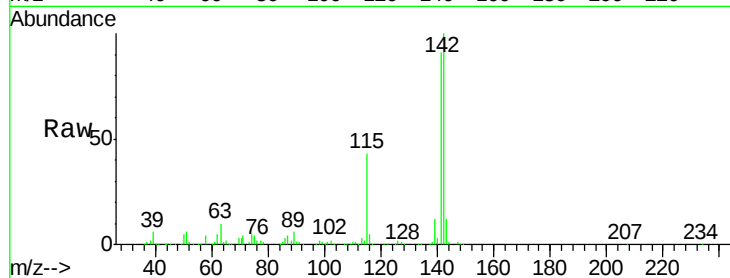
Tgt Ion:142 Resp: 1004068

Ion Ratio Lower Upper

142 100

141 91.3 71.9 107.9

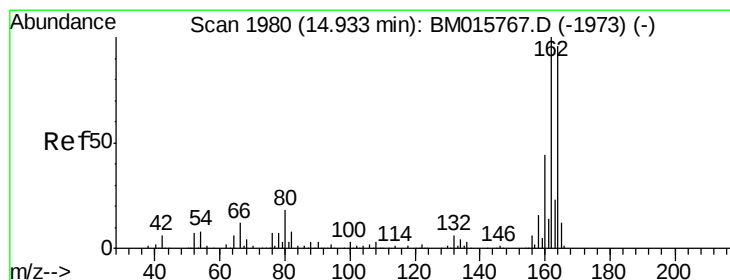
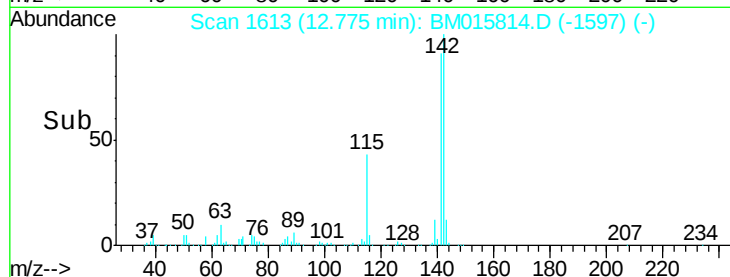
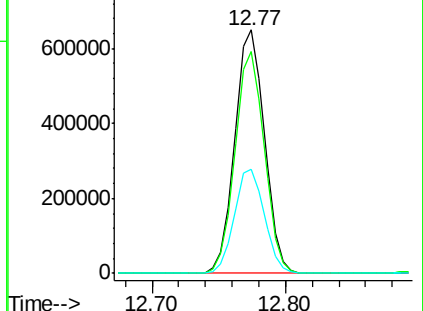
115 42.7 25.4 38.0#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.93 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BM015814.D

Acq: 06 Jul 2018 22:35

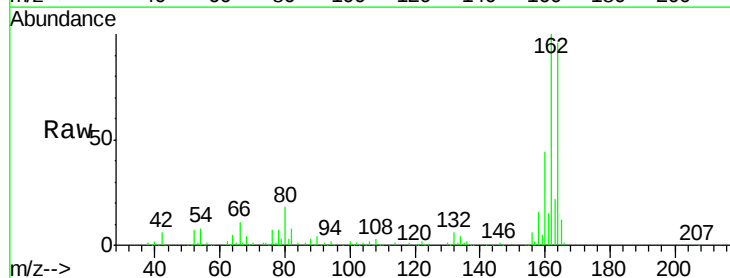
Tgt Ion:164 Resp: 294812

Ion Ratio Lower Upper

164 100

162 104.1 82.4 123.6

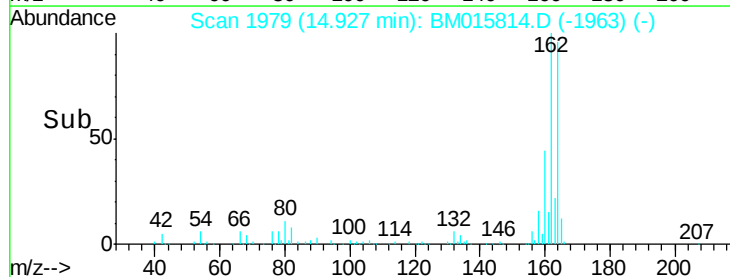
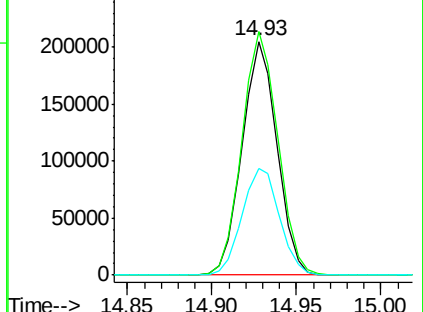
160 45.7 35.8 53.6

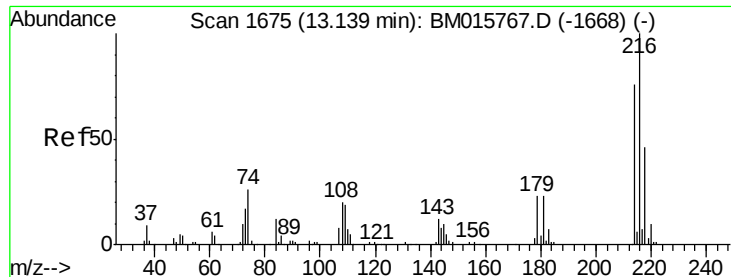


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

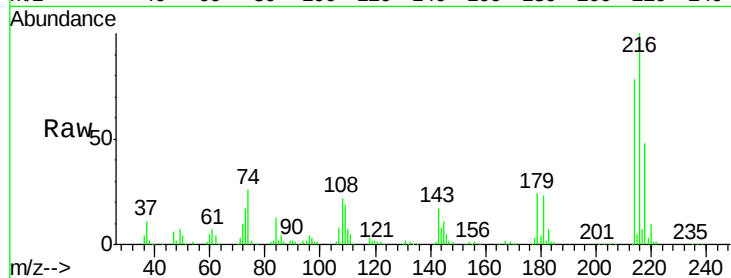




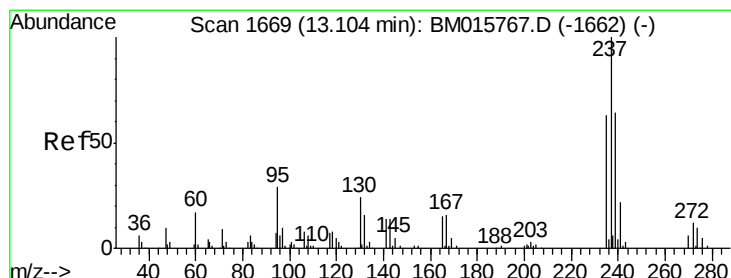
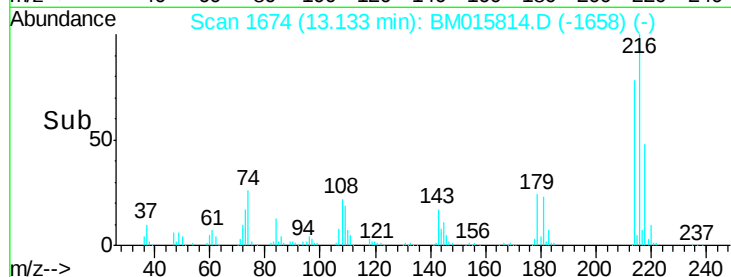
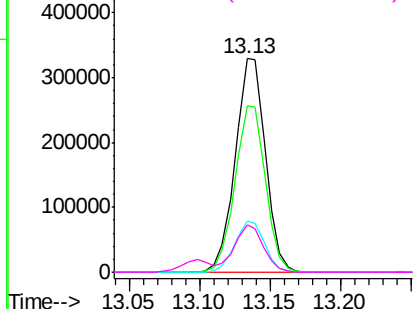
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 51.820 ng
 RT: 13.13 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BM015814.D
 Acq: 06 Jul 2018 22:35

Instrument :
 BNA_M
 ClientSampleId :
 GF-02MSD

Tgt Ion:	216	Resp:	490327
Ion	Ratio	Lower	Upper
216	100		
214	78.5	0.0	0.0#
179	23.5	0.0	0.0#
108	21.4	0.0	0.0#

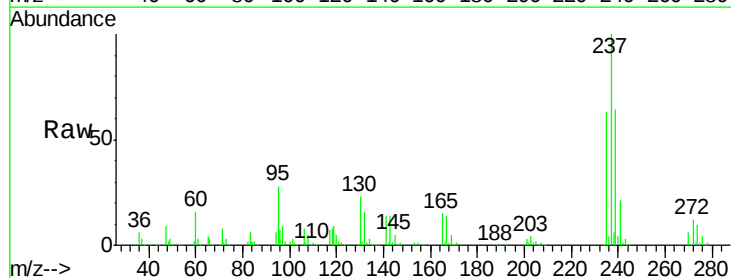


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

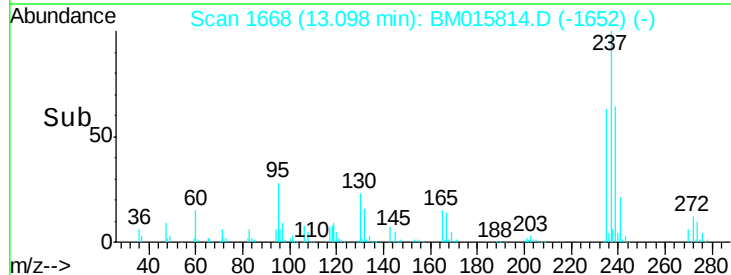
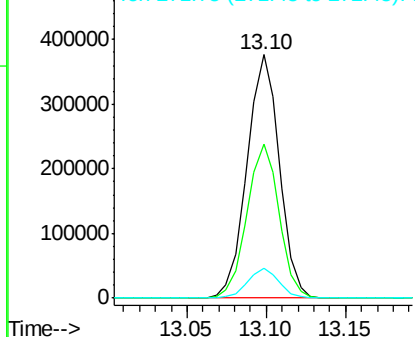


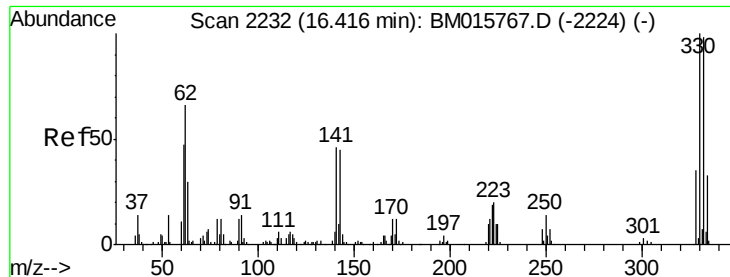
#40
 Hexachlorocyclopentadiene
 Concen: 116.013 ng
 RT: 13.10 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM015814.D
 Acq: 06 Jul 2018 22:35

Tgt Ion:	237	Resp:	533926
Ion	Ratio	Lower	Upper
237	100		
235	63.0	42.0	82.0
272	12.1	0.0	33.4



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

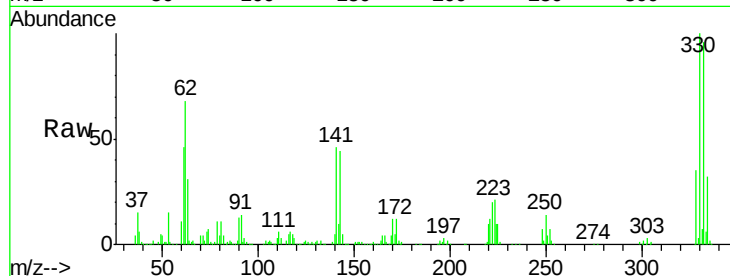




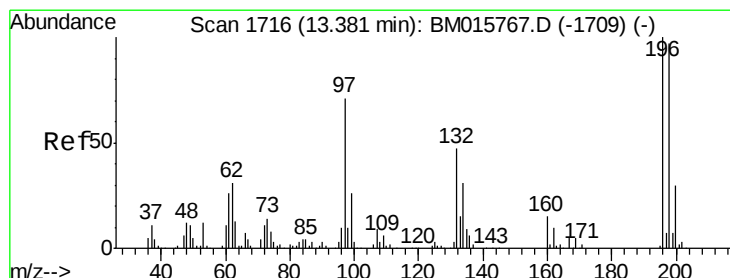
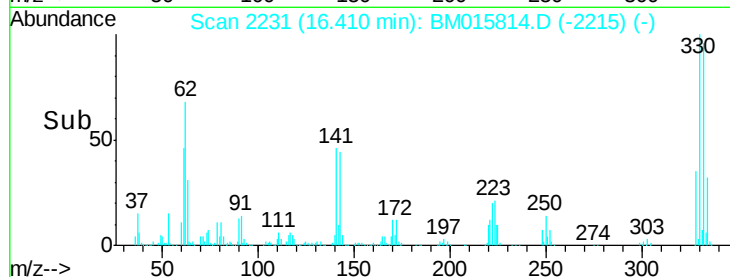
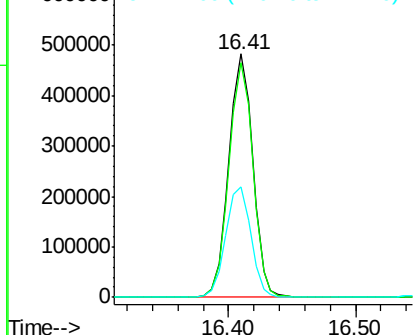
#41
 2,4,6-Tribromophenol
 Concen: 116.013 ng
 RT: 16.41 min Scan# 2231
 Delta R.T. -0.01 min
 Lab File: BM015814.D
 Acq: 06 Jul 2018 22:35

Instrument :
 BNA_M
 ClientSampleId :
 GF-02MSD

Tgt Ion:330 Resp: 632151
 Ion Ratio Lower Upper
 330 100
 332 96.5 0.0 0.0#
 141 47.8 0.0 0.0#

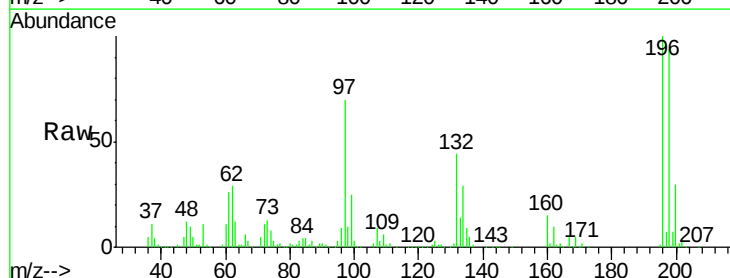


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

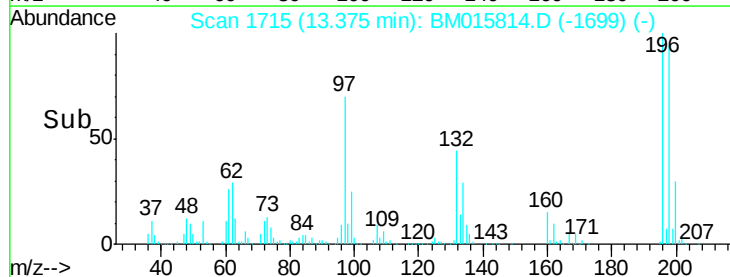
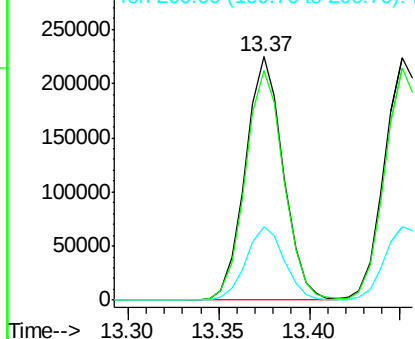


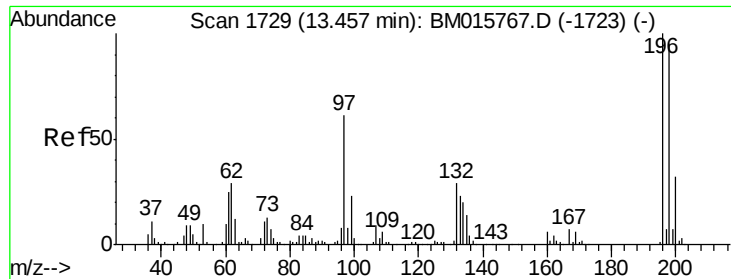
#42
 2,4,6-Trichlorophenol
 Concen: 54.660 ng
 RT: 13.37 min Scan# 1715
 Delta R.T. -0.01 min
 Lab File: BM015814.D
 Acq: 06 Jul 2018 22:35

Tgt Ion:196 Resp: 326929
 Ion Ratio Lower Upper
 196 100
 198 94.4 76.3 114.5
 200 30.3 25.6 38.4



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

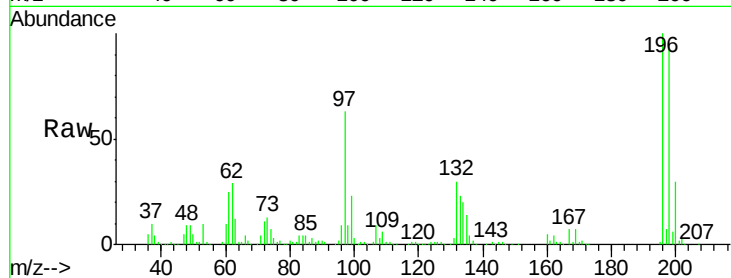




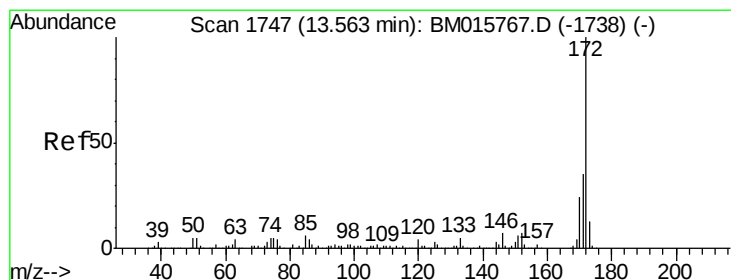
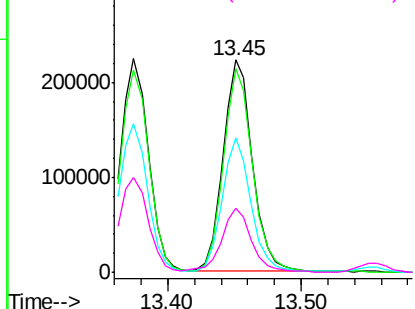
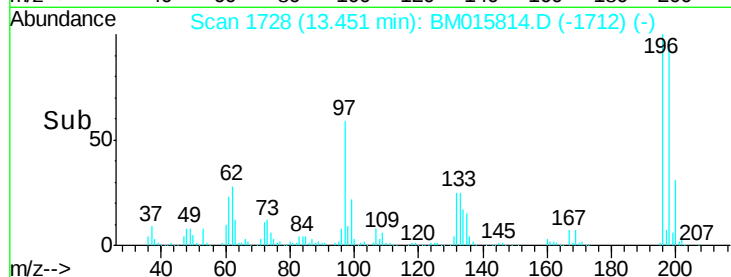
#43
 2,4,5-Trichlorophenol
 Concen: 53.112 ng
 RT: 13.45 min Scan# 1728
 Delta R.T. -0.01 min
 Lab File: BM015814.D
 Acq: 06 Jul 2018 22:35

Instrument :
 BNA_M
 ClientSampleId :
 GF-02MSD

Tgt Ion:196 Resp: 343162
 Ion Ratio Lower Upper
 196 100
 198 96.1 79.4 119.0
 97 63.1 26.8 40.2#
 132 30.0 18.6 28.0#

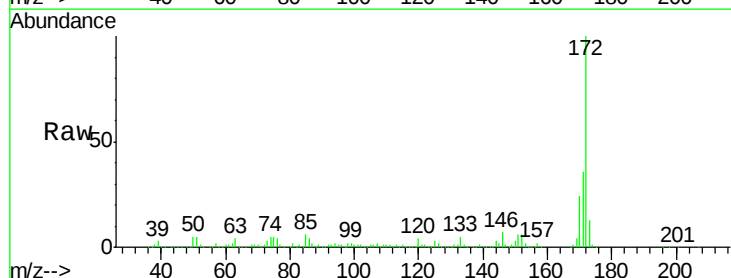


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BMO
 Ion 132.00 (131.70 to 132.70): E

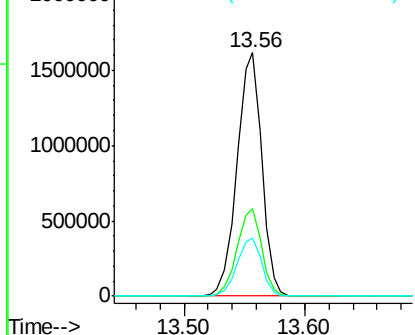
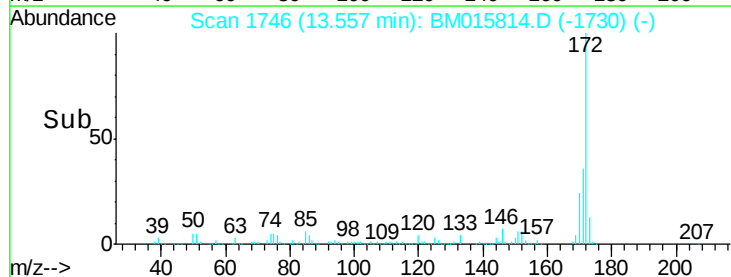


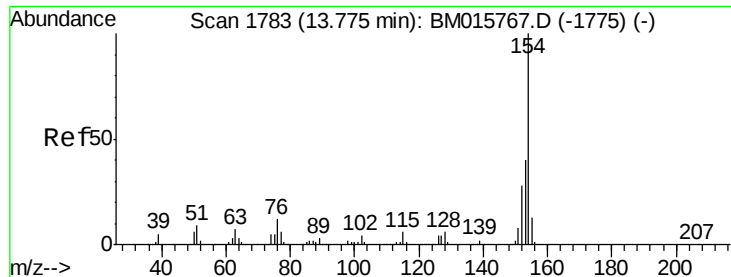
#44
 2-Fluorobiphenyl
 Concen: 53.112 ng
 RT: 13.56 min Scan# 1746
 Delta R.T. -0.01 min
 Lab File: BM015814.D
 Acq: 06 Jul 2018 22:35

Tgt Ion:172 Resp: 2310574
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.5 42.7
 170 23.8 18.8 28.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

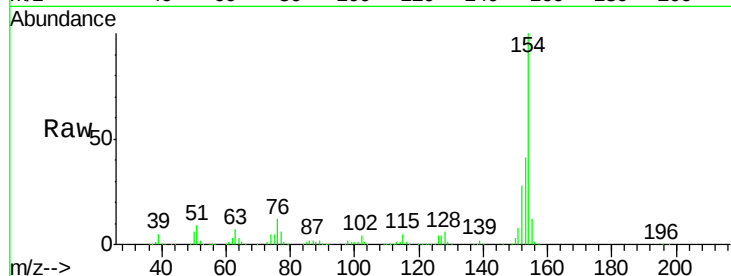




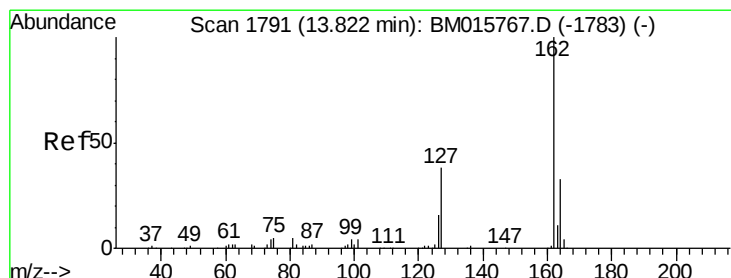
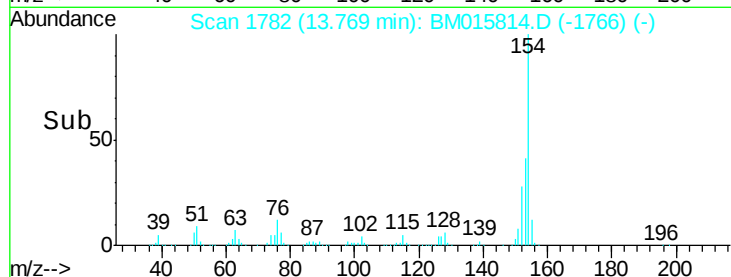
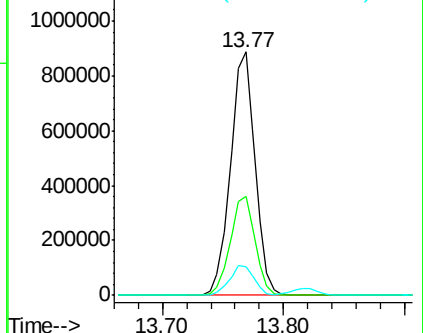
#45
 1,1'-Biphenyl
 Concen: 49.154 ng
 RT: 13.77 min Scan# 1782
 Delta R.T. -0.01 min
 Lab File: BM015814.D
 Acq: 06 Jul 2018 22:35

Instrument :
 BNA_M
 ClientSampleId :
 GF-02MSD

Tgt Ion:154 Resp: 1252913
 Ion Ratio Lower Upper
 154 100
 153 40.7 20.7 60.7
 76 11.9 0.0 30.9

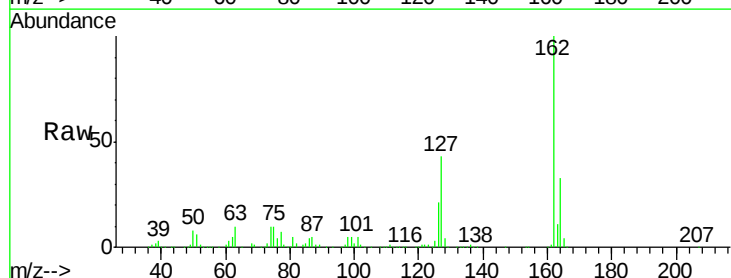


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

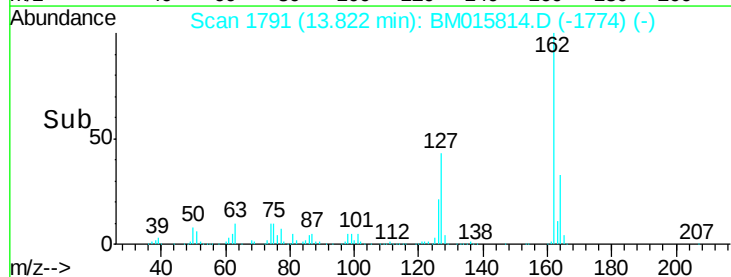
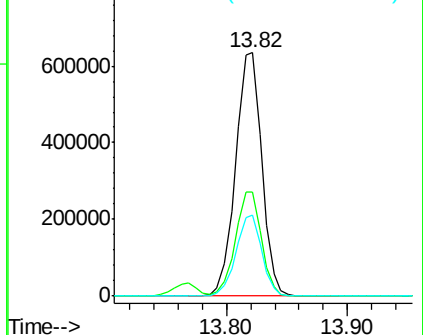


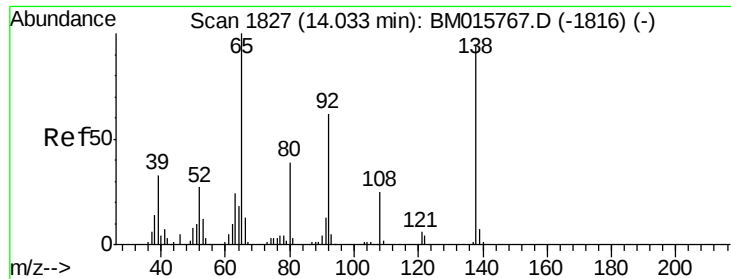
#46
 2-Chloronaphthalene
 Concen: 50.554 ng
 RT: 13.82 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: BM015814.D
 Acq: 06 Jul 2018 22:35

Tgt Ion:162 Resp: 963437
 Ion Ratio Lower Upper
 162 100
 127 42.5 26.9 40.3#
 164 33.1 26.8 40.2



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

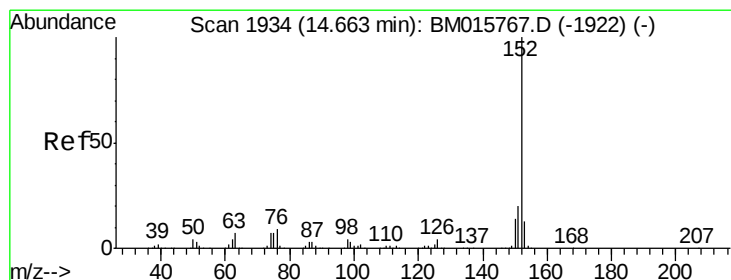
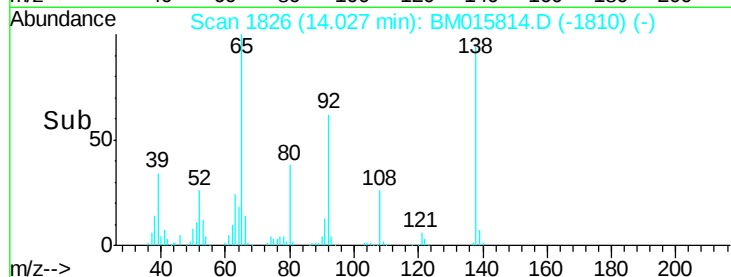
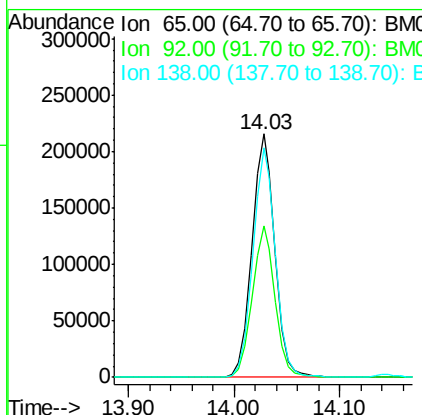
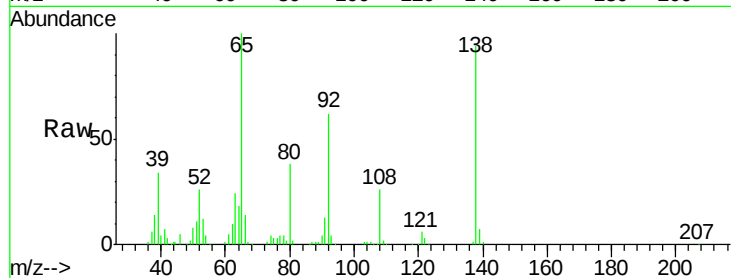




#47
2-Nitroaniline
Concen: 49.249 ng
RT: 14.03 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BM015814.D
Acq: 06 Jul 2018 22:35

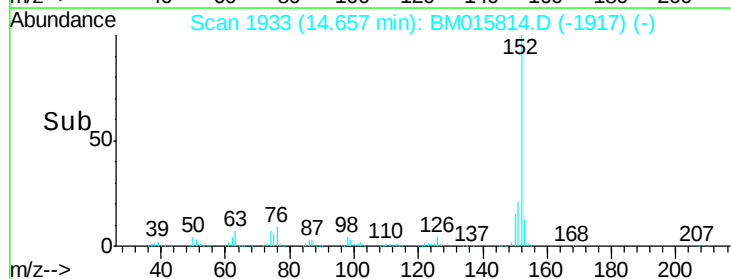
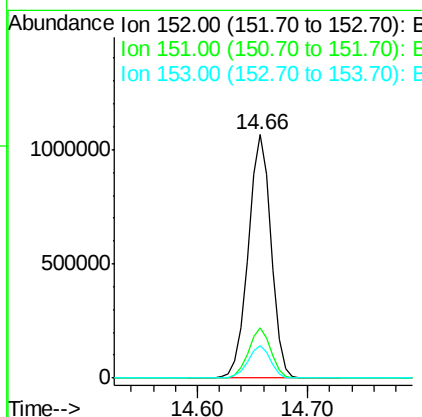
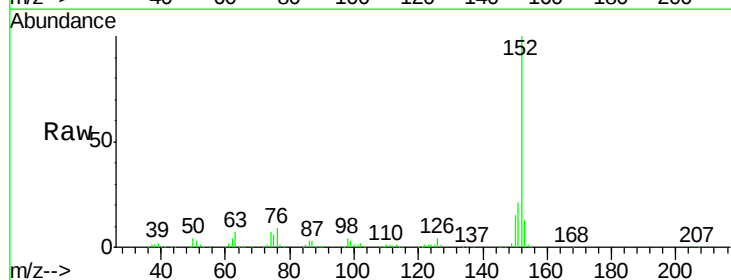
Instrument :
BNA_M
ClientSampleId :
GF-02MSD

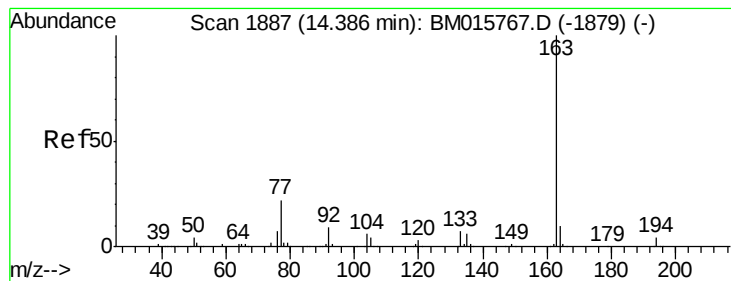
Tgt Ion: 65 Resp: 327304
Ion Ratio Lower Upper
65 100
92 62.2 59.1 88.7
138 94.4 93.9 140.9



#48
Acenaphthylene
Concen: 49.808 ng
RT: 14.66 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BM015814.D
Acq: 06 Jul 2018 22:35

Tgt Ion: 152 Resp: 1544179
Ion Ratio Lower Upper
152 100
151 20.7 15.9 23.9
153 13.3 10.6 16.0





#49

Dimethylphthalate

Concen: 63.602 ng

RT: 14.39 min Scan# 1887

Delta R.T. -0.00 min

Lab File: BM015814.D

Acq: 06 Jul 2018 22:35

Instrument :

BNA_M

ClientSampleId :

GF-02MSD

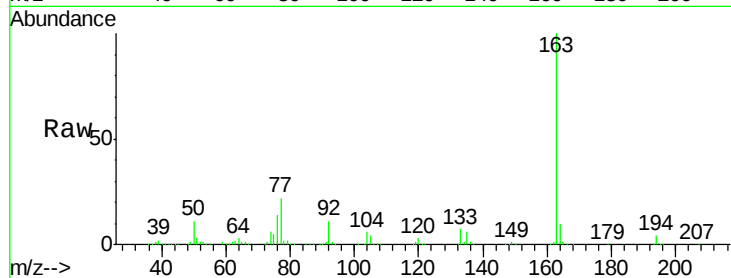
Tgt Ion:163 Resp: 1653668

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

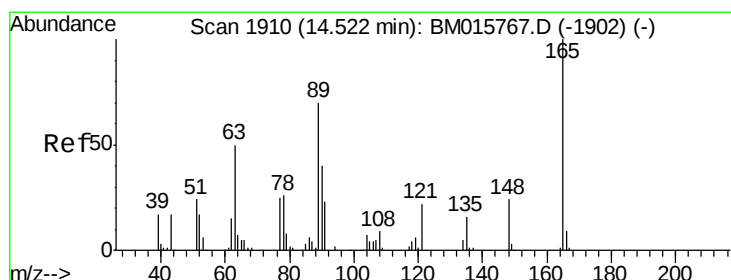
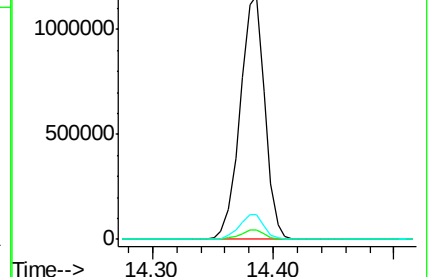
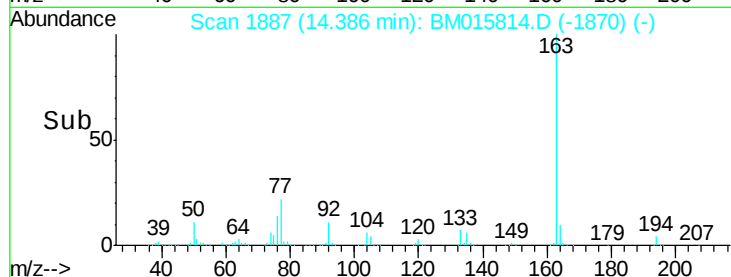
164 9.9 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 50.880 ng

RT: 14.52 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BM015814.D

Acq: 06 Jul 2018 22:35

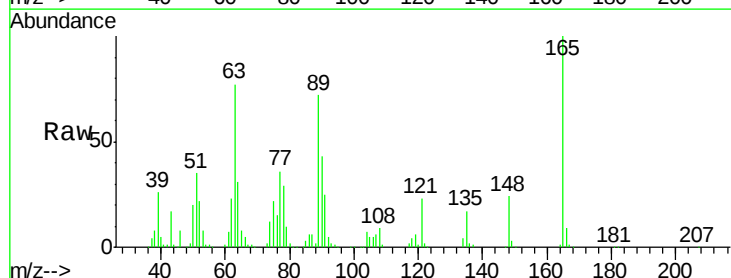
Tgt Ion:165 Resp: 257934

Ion Ratio Lower Upper

165 100

63 77.0 44.1 66.1#

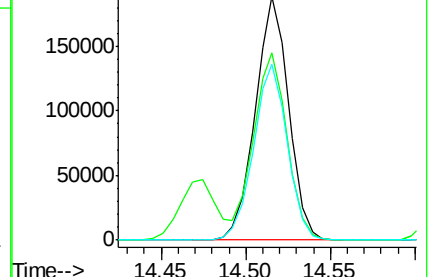
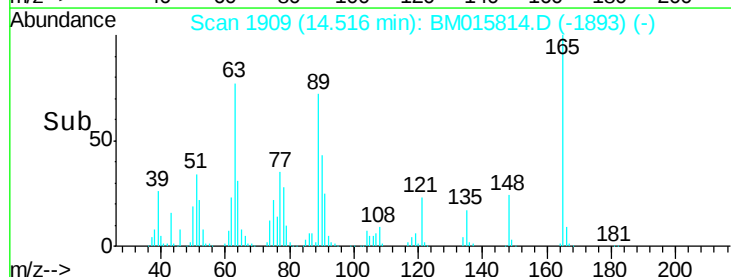
89 71.9 44.3 66.5#

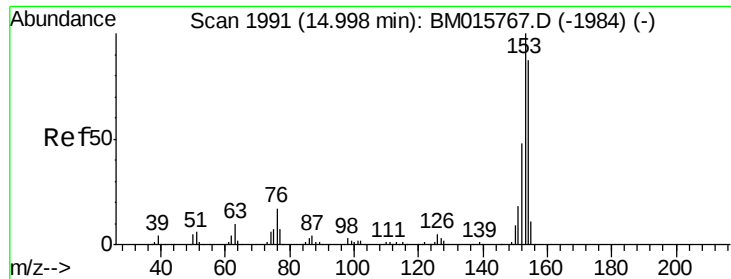


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 46.048 ng

RT: 14.99 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BM015814.D

Acq: 06 Jul 2018 22:35

Instrument :

BNA_M

ClientSampleId :

GF-02MSD

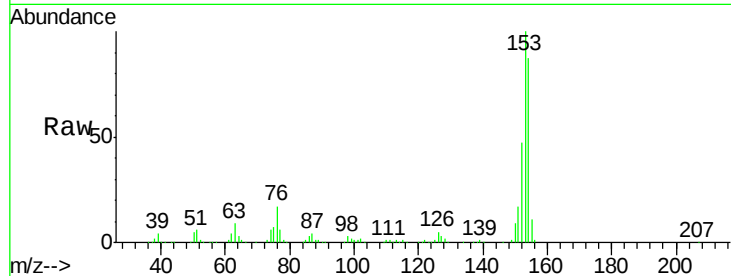
Tgt Ion:154 Resp: 888342

Ion Ratio Lower Upper

154 100

153 115.5 90.0 135.0

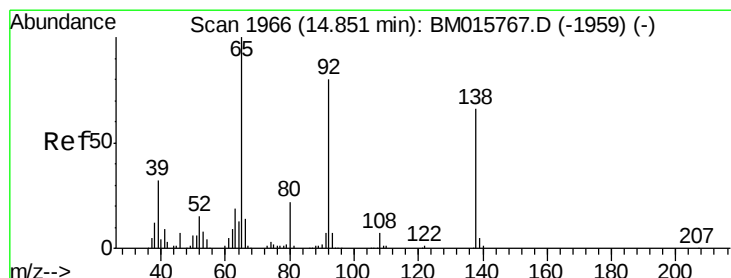
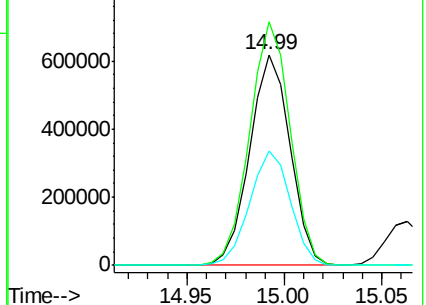
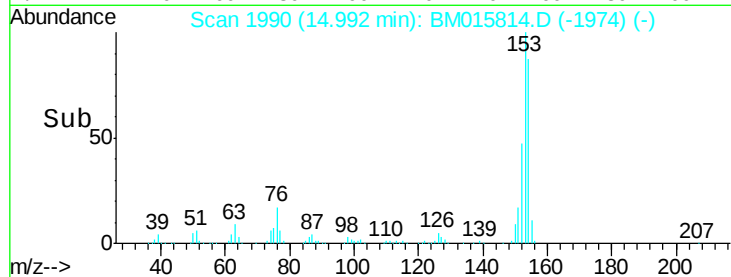
152 54.3 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 30.439 ng

RT: 14.85 min Scan# 1965

Delta R.T. -0.01 min

Lab File: BM015814.D

Acq: 06 Jul 2018 22:35

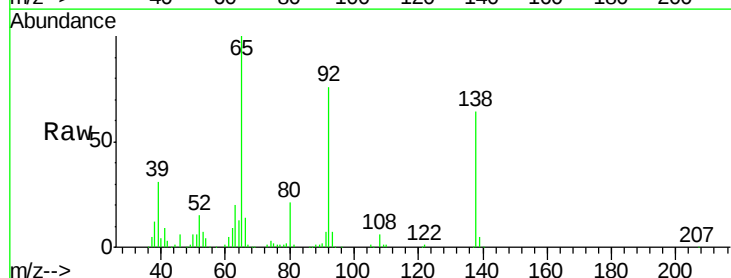
Tgt Ion:138 Resp: 168899

Ion Ratio Lower Upper

138 100

108 10.0 7.3 10.9

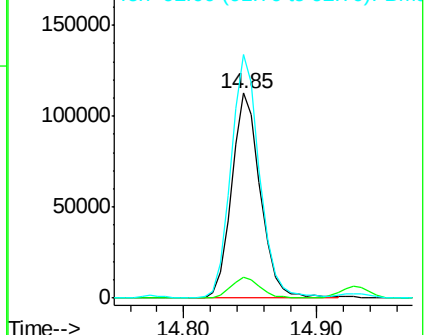
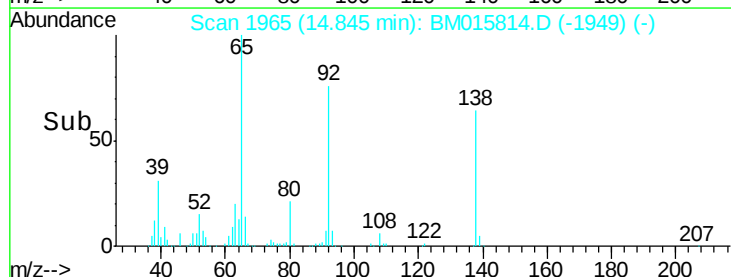
92 119.0 76.6 114.8#

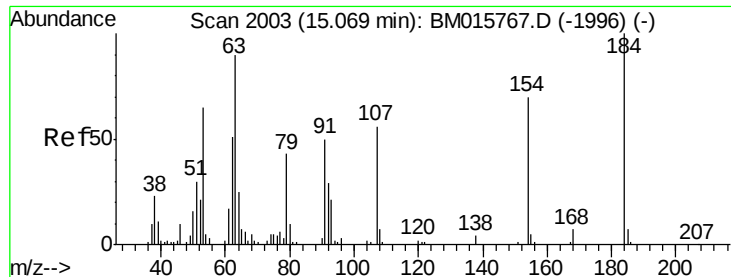


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

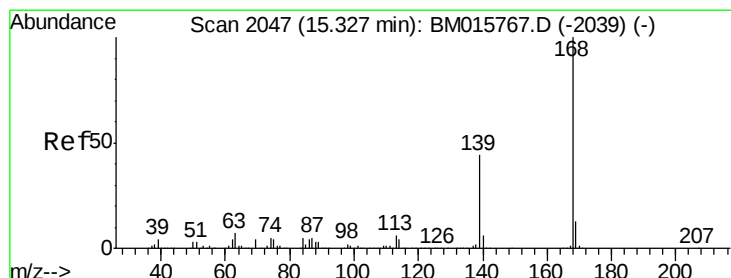
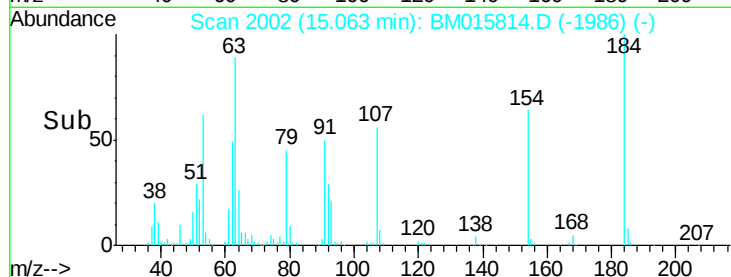
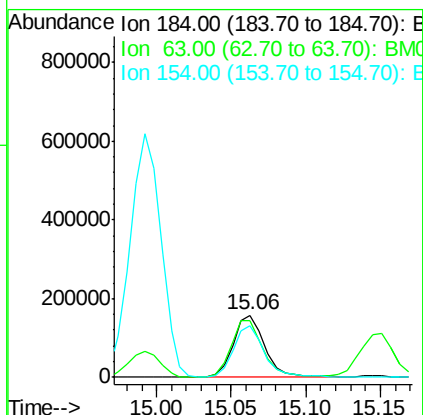
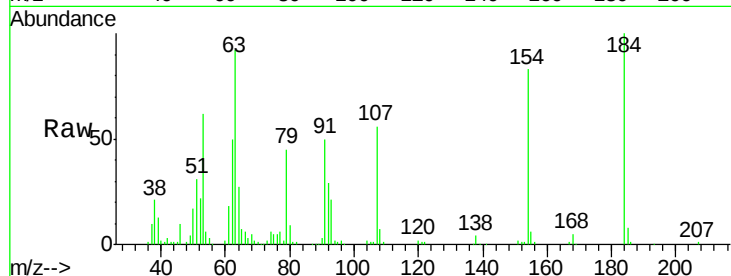




#53
2,4-Dinitrophenol
Concen: 90.634 ng
RT: 15.06 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BM015814.D
Acq: 06 Jul 2018 22:35

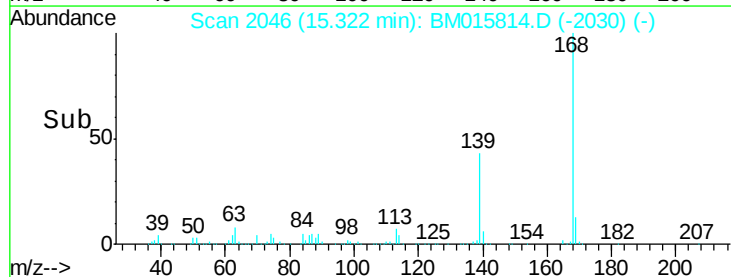
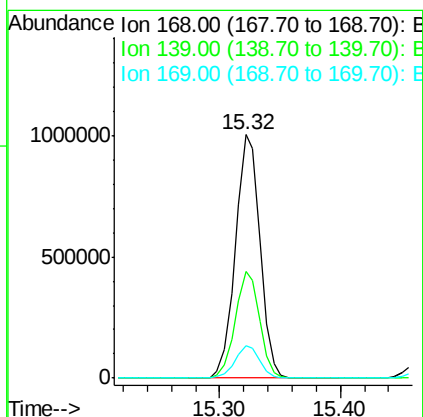
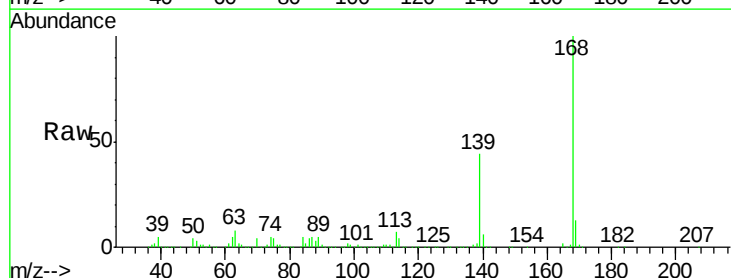
Instrument :
BNA_M
ClientSampleId :
GF-02MSD

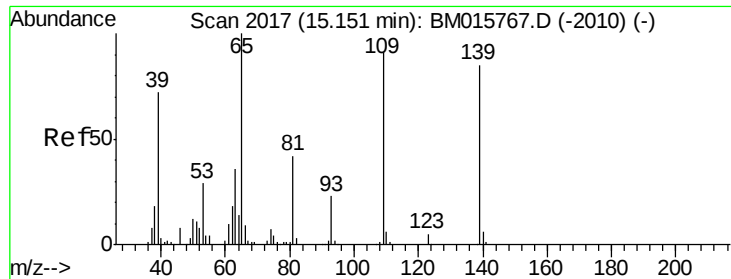
Tgt Ion:184 Resp: 232516
Ion Ratio Lower Upper
184 100
63 91.7 69.2 103.8
154 82.7 53.3 79.9#



#54
Dibenzofuran
Concen: 47.870 ng
RT: 15.32 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BM015814.D
Acq: 06 Jul 2018 22:35

Tgt Ion:168 Resp: 1423002
Ion Ratio Lower Upper
168 100
139 43.7 27.3 40.9#
169 13.4 10.6 16.0





#55

4-Nitrophenol

Concen: 97.972 ng

RT: 15.15 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BM015814.D

Acq: 06 Jul 2018 22:35

Instrument :

BNA_M

ClientSampleId :

GF-02MSD

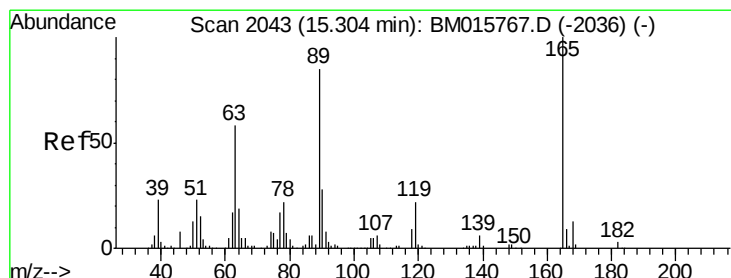
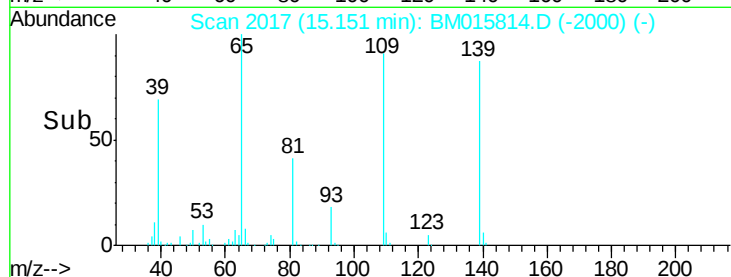
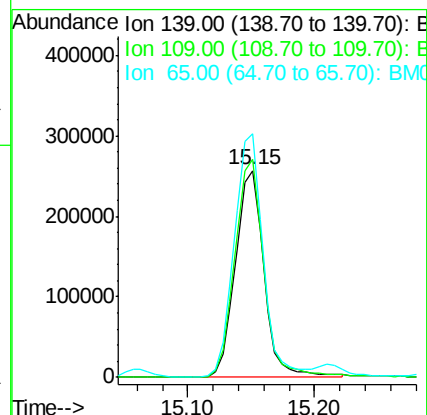
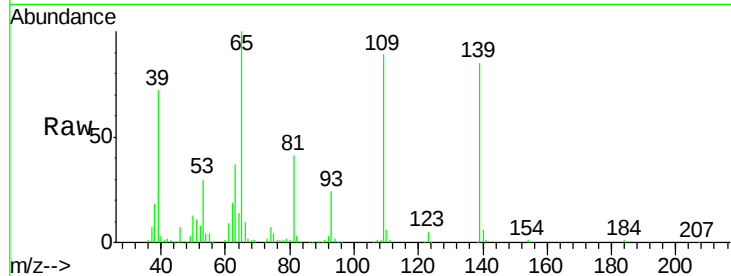
Tgt Ion:139 Resp: 401210

Ion Ratio Lower Upper

139 100

109 105.3 130.0 170.0#

65 117.7 130.0 170.0#



#56

2,4-Dinitrotoluene

Concen: 48.521 ng

RT: 15.30 min Scan# 2043

Delta R.T. -0.00 min

Lab File: BM015814.D

Acq: 06 Jul 2018 22:35

Tgt Ion:165 Resp: 355125

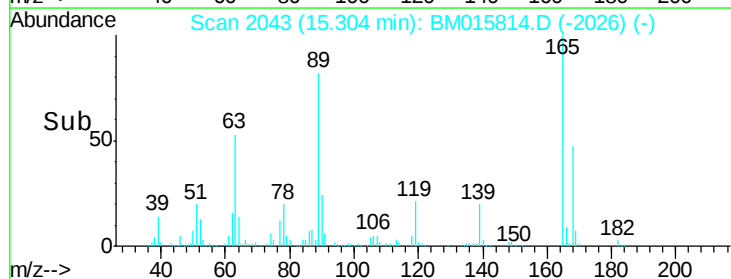
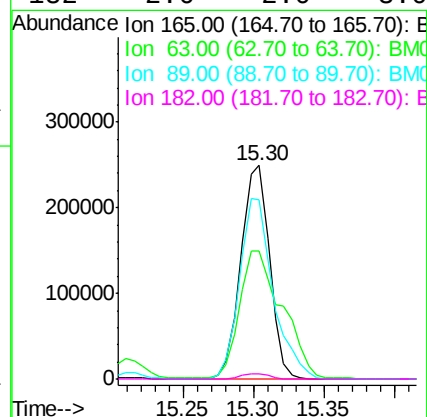
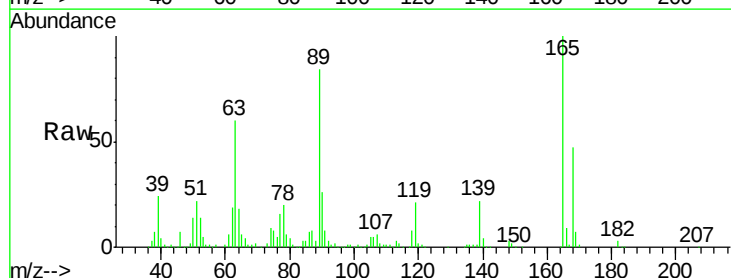
Ion Ratio Lower Upper

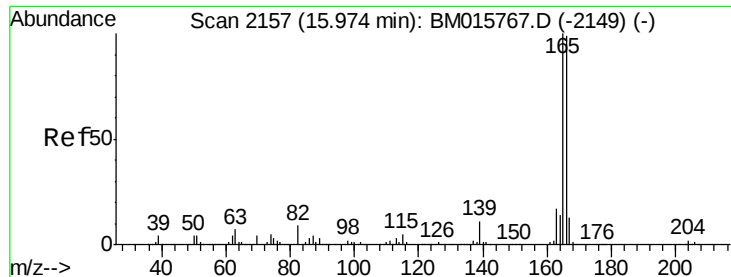
165 100

63 59.9 52.4 78.6

89 83.9 72.4 108.6

182 2.6 2.0 3.0

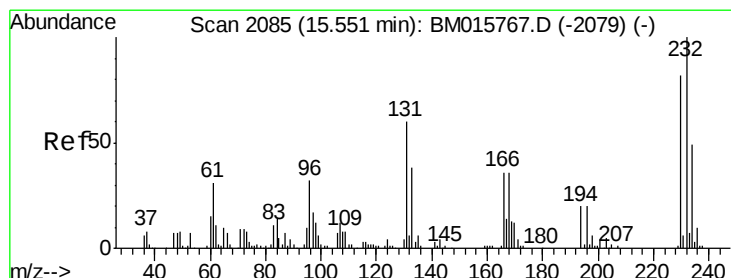
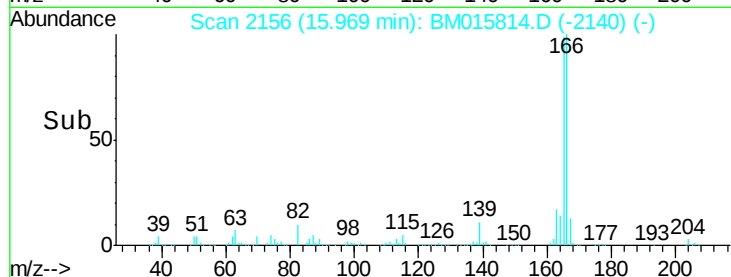
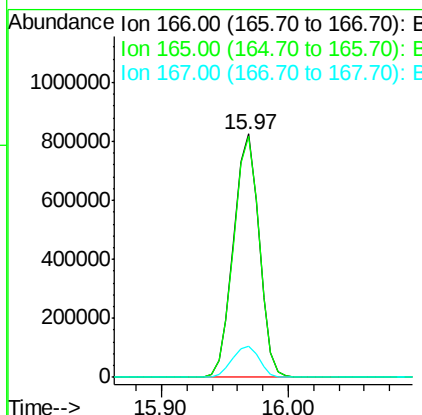
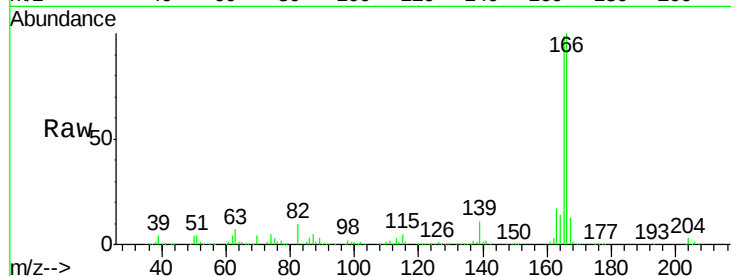




#57
 Fluorene
 Concen: 46.856 ng
 RT: 15.97 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BM015814.D
 Acq: 06 Jul 2018 22:35

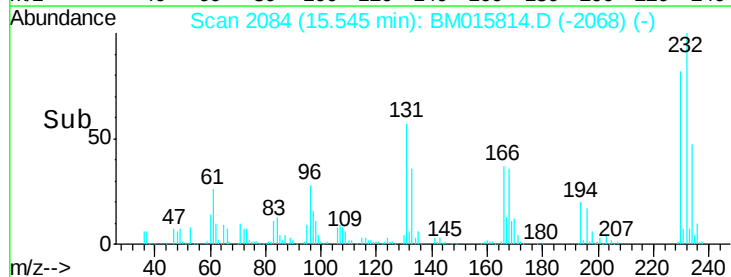
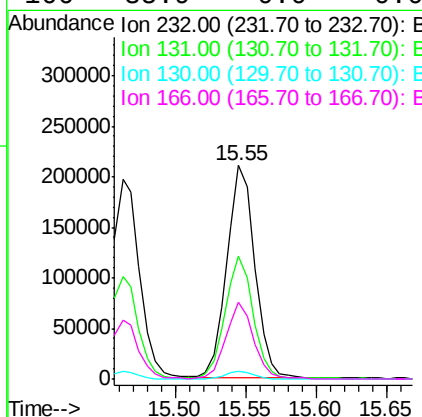
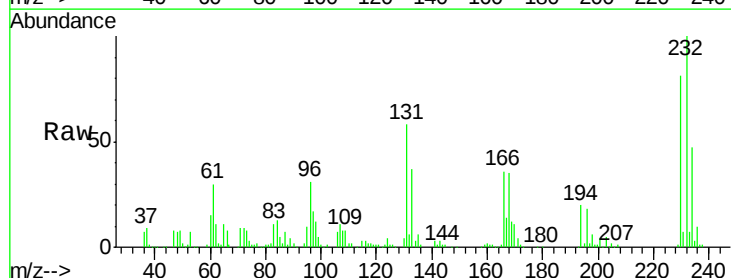
Instrument :
 BNA_M
 ClientSampleId :
 GF-02MSD

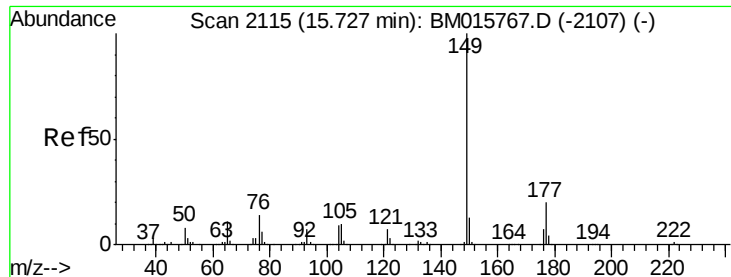
Tgt Ion:166 Resp: 1148612
 Ion Ratio Lower Upper
 166 100
 165 99.2 79.0 118.4
 167 12.8 10.3 15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 53.235 ng
 RT: 15.55 min Scan# 2084
 Delta R.T. -0.01 min
 Lab File: BM015814.D
 Acq: 06 Jul 2018 22:35

Tgt Ion:232 Resp: 290246
 Ion Ratio Lower Upper
 232 100
 131 57.0 0.0 0.0#
 130 3.6 0.0 0.0#
 166 35.9 0.0 0.0#

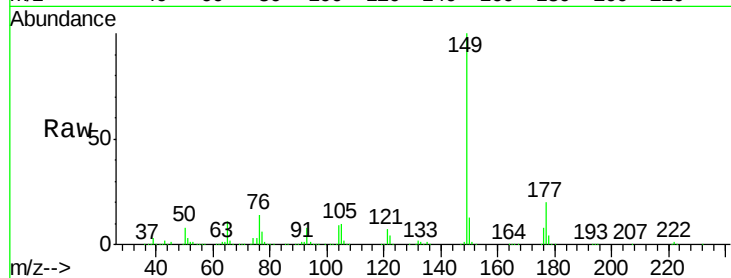




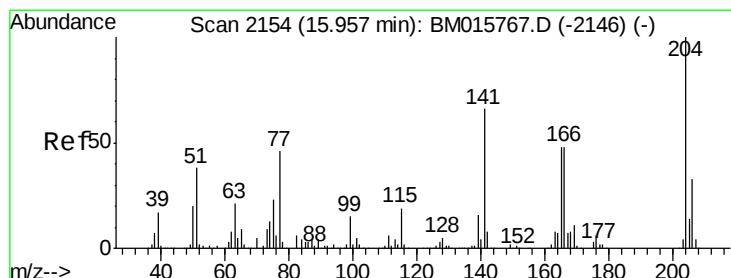
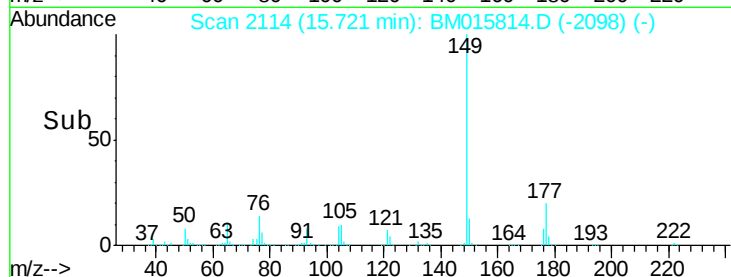
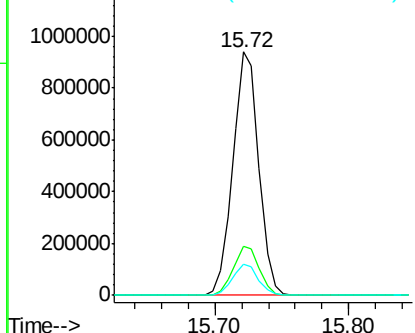
#59
Diethylphthalate
Concen: 45.400 ng
RT: 15.72 min Scan# 2114
Delta R.T. -0.01 min
Lab File: BM015814.D
Acq: 06 Jul 2018 22:35

Instrument :
BNA_M
ClientSampleId :
GF-02MSD

Tgt Ion:149 Resp: 1264969
Ion Ratio Lower Upper
149 100
177 20.2 18.3 27.5
150 12.5 9.8 14.8

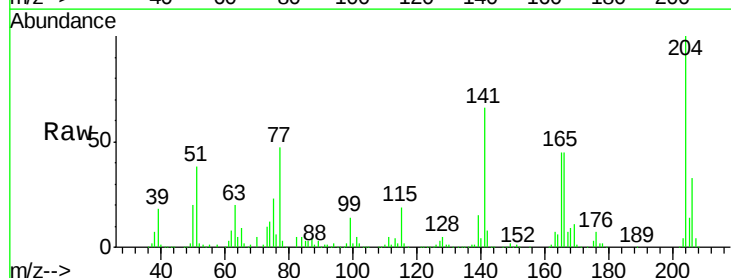


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

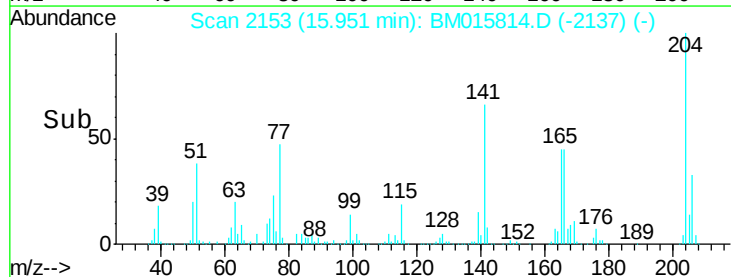
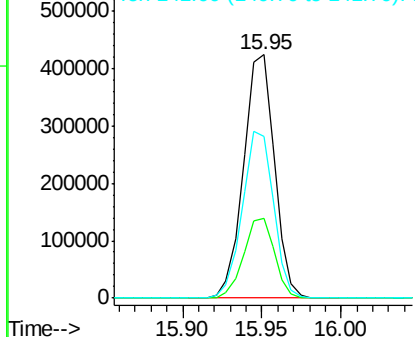


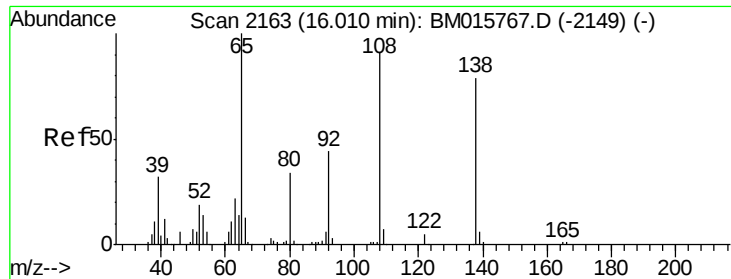
#60
4-Chlorophenyl-phenylether
Concen: 45.610 ng
RT: 15.95 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BM015814.D
Acq: 06 Jul 2018 22:35

Tgt Ion:204 Resp: 575315
Ion Ratio Lower Upper
204 100
206 32.9 26.6 39.8
141 66.4 45.2 67.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

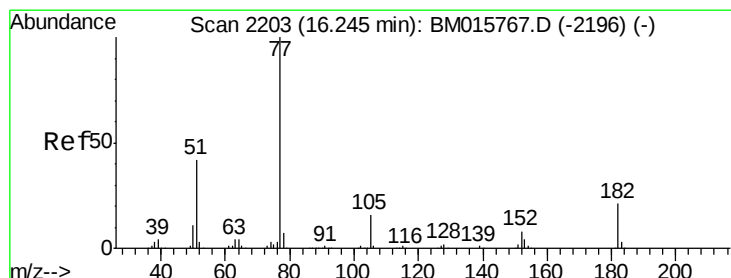
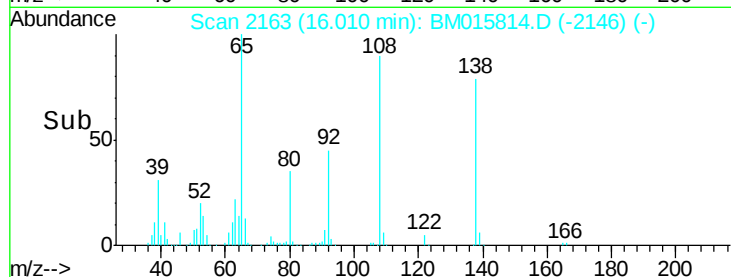
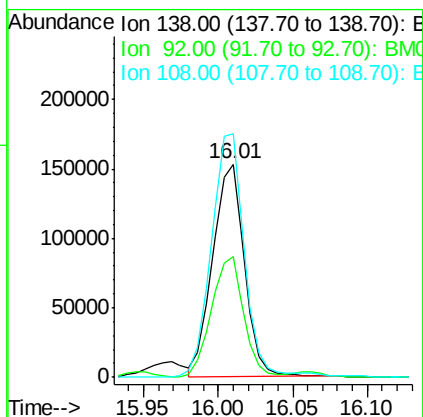
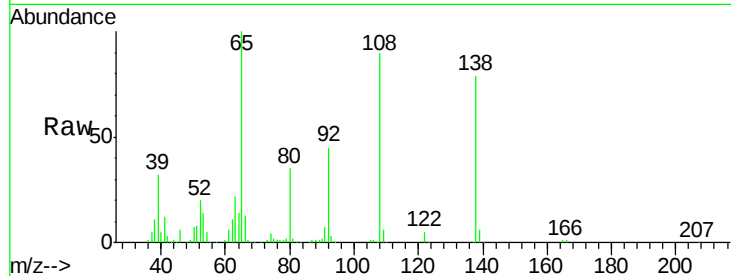




#61
4-Nitroaniline
Concen: 39.616 ng
RT: 16.01 min Scan# 2163
Delta R.T. -0.00 min
Lab File: BM015814.D
Acq: 06 Jul 2018 22:35

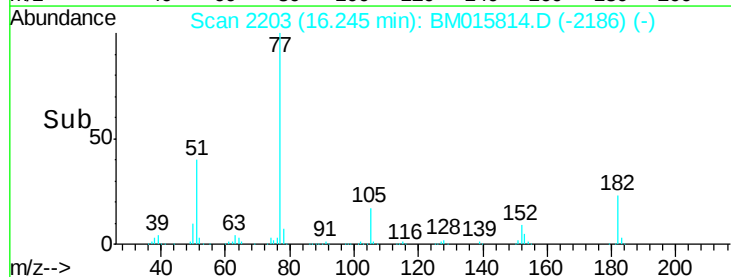
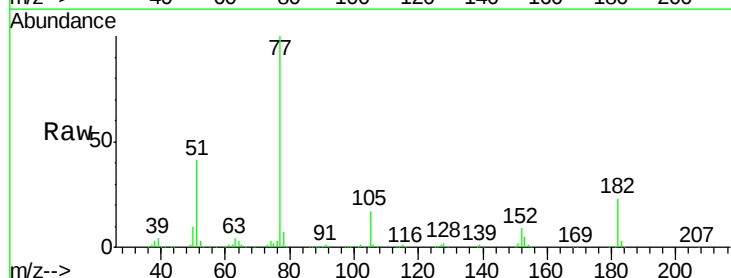
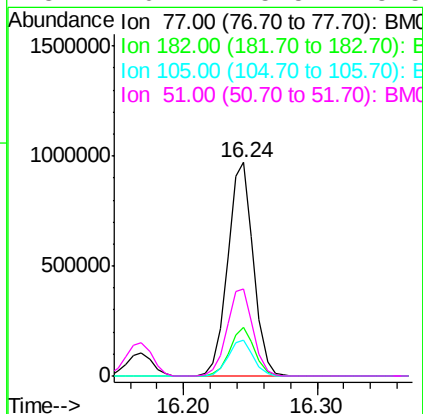
Instrument :
BNA_M
ClientSampleId :
GF-02MSD

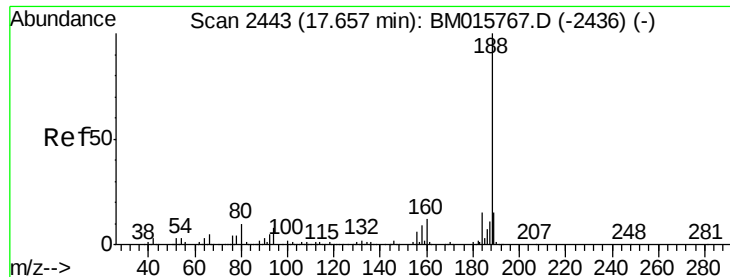
Tgt Ion:138 Resp: 228041
Ion Ratio Lower Upper
138 100
92 56.7 16.7 56.7#
108 114.3 37.6 77.6#



#62
Azobenzene
Concen: 49.710 ng
RT: 16.24 min Scan# 2203
Delta R.T. -0.00 min
Lab File: BM015814.D
Acq: 06 Jul 2018 22:35

Tgt Ion: 77 Resp: 1298298
Ion Ratio Lower Upper
77 100
182 22.9 6.5 46.5
105 16.7 3.8 43.8
51 40.7 5.5 45.5

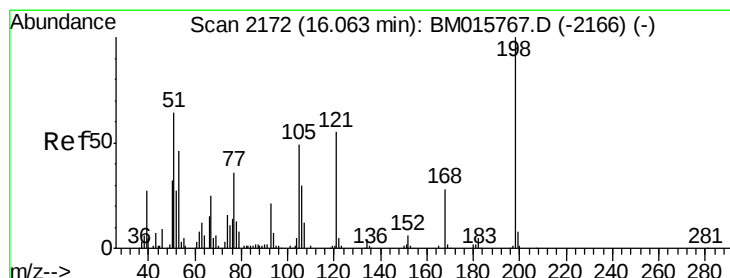
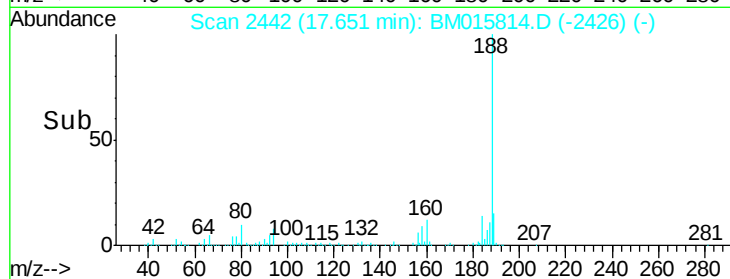
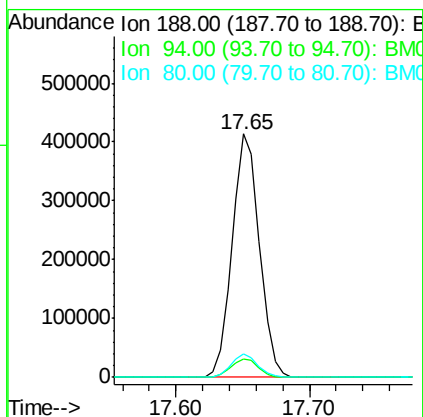
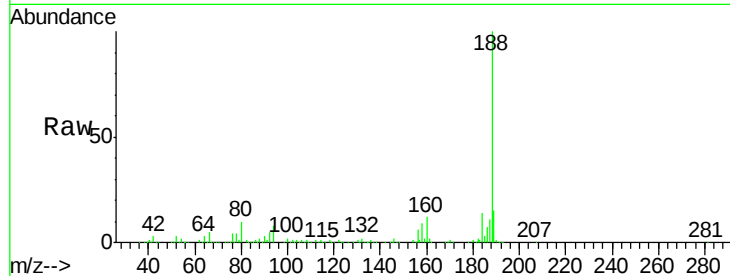




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.65 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BM015814.D
Acq: 06 Jul 2018 22:35

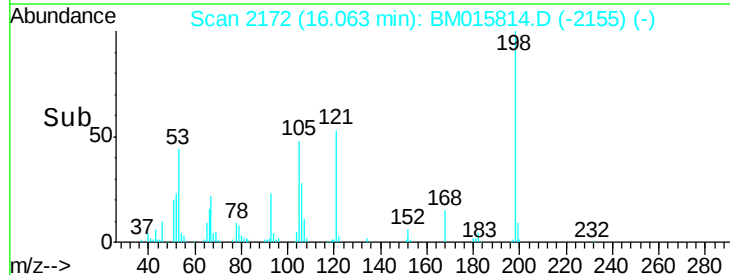
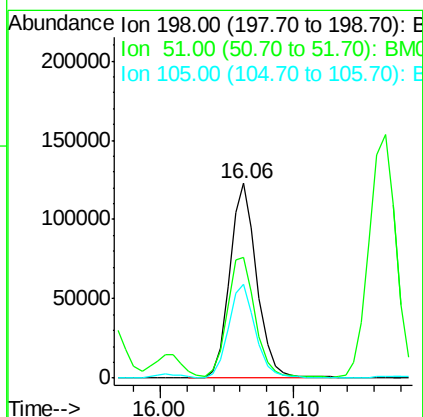
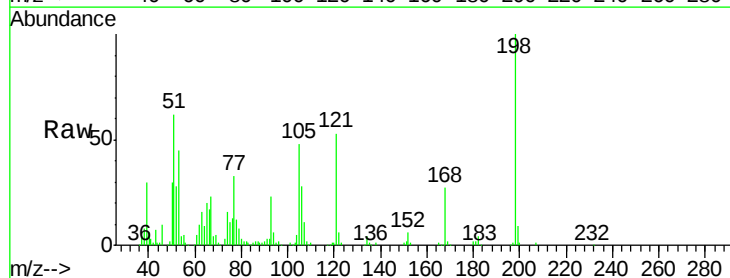
Instrument :
BNA_M
ClientSampled :
GF-02MSD

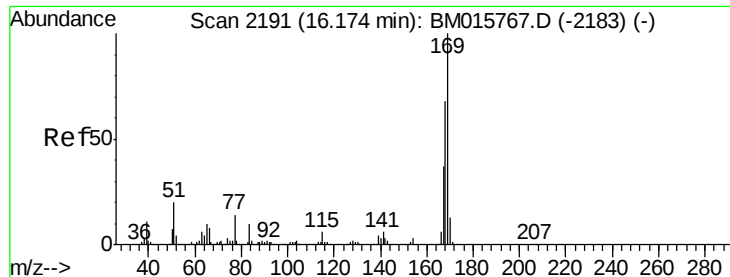
Tgt Ion:188 Resp: 586627
Ion Ratio Lower Upper
188 100
94 7.6 8.7 13.1#
80 9.6 9.3 13.9



#64
4,6-Dinitro-2-methylphenol
Concen: 48.877 ng
RT: 16.06 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BM015814.D
Acq: 06 Jul 2018 22:35

Tgt Ion:198 Resp: 174308
Ion Ratio Lower Upper
198 100
51 62.1 28.8 68.8
105 48.4 30.5 70.5

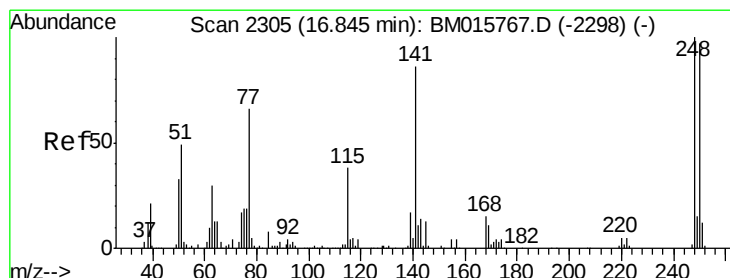
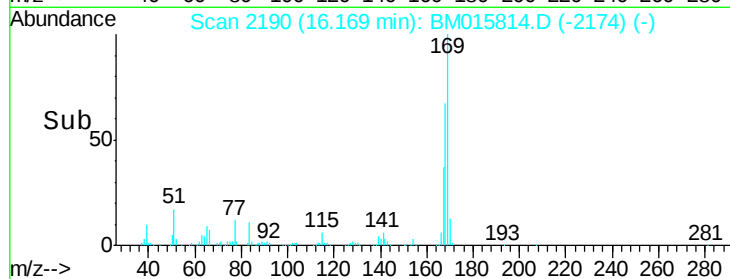
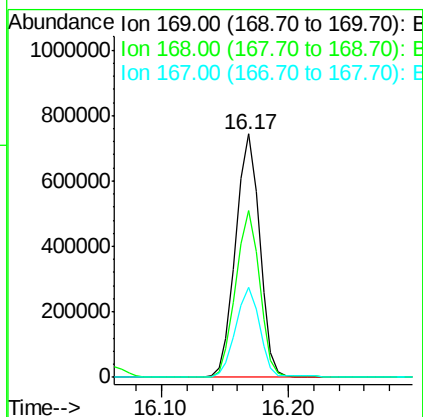
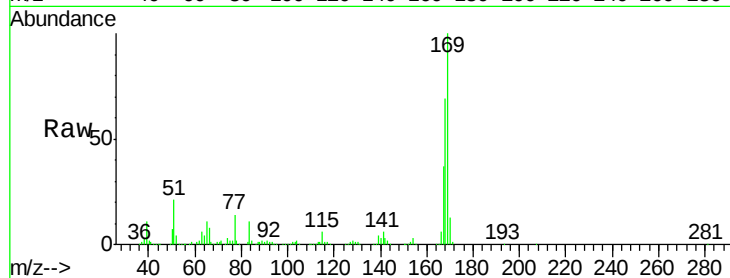




#65
 n-Nitrosodiphenylamine
 Concen: 48.483 ng
 RT: 16.17 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BM015814.D
 Acq: 06 Jul 2018 22:35

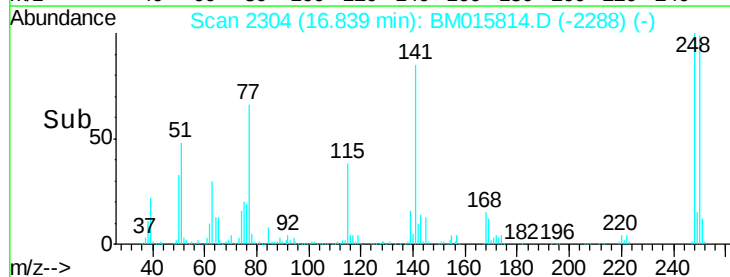
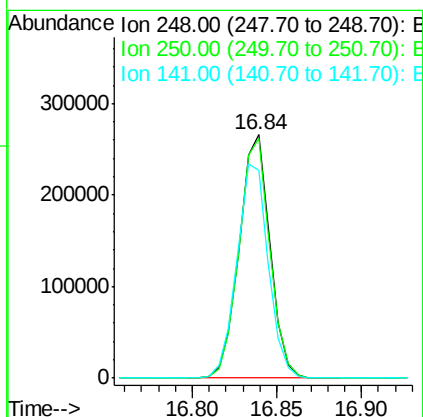
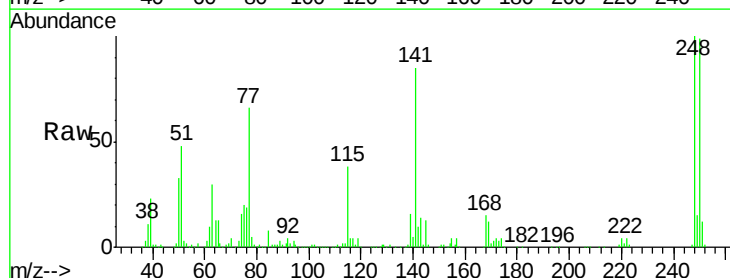
Instrument :
 BNA_M
 ClientSampleId :
 GF-02MSD

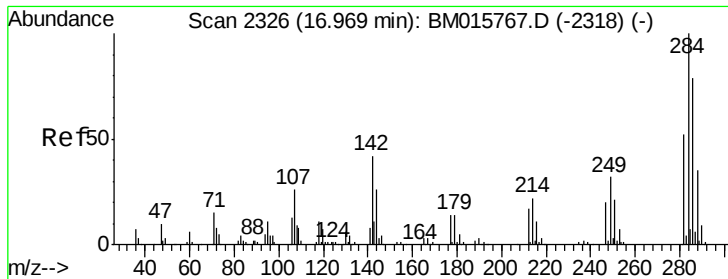
Tgt Ion:169 Resp: 974562
 Ion Ratio Lower Upper
 169 100
 168 68.8 53.9 80.9
 167 36.9 28.9 43.3



#66
 4-Bromophenyl-phenylether
 Concen: 51.574 ng
 RT: 16.84 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BM015814.D
 Acq: 06 Jul 2018 22:35

Tgt Ion:248 Resp: 337798
 Ion Ratio Lower Upper
 248 100
 250 98.6 77.4 116.0
 141 85.3 45.2 67.8#





#67

Hexachlorobenzene

Concen: 50.233 ng

RT: 16.96 min Scan# 2325

Delta R.T. -0.01 min

Lab File: BM015814.D

Acq: 06 Jul 2018 22:35

Instrument :

BNA_M

ClientSampleId :

GF-02MSD

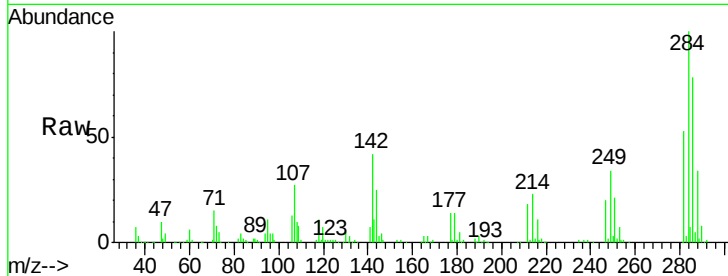
Tgt Ion:284 Resp: 367654

Ion Ratio Lower Upper

284 100

142 41.8 20.4 30.6#

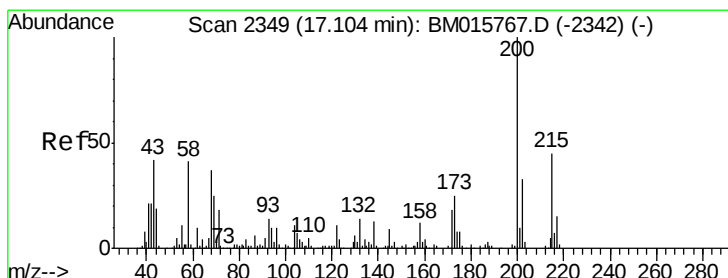
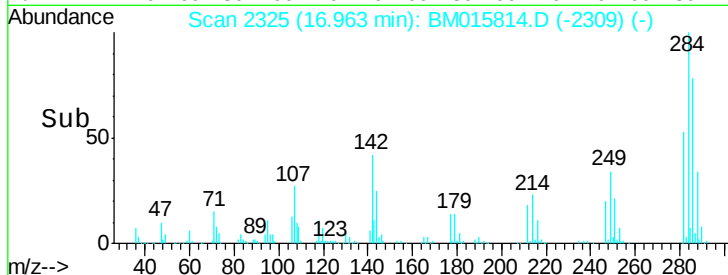
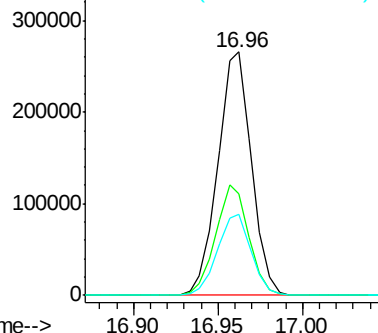
249 33.5 23.8 35.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 51.884 ng

RT: 17.10 min Scan# 2349

Delta R.T. -0.00 min

Lab File: BM015814.D

Acq: 06 Jul 2018 22:35

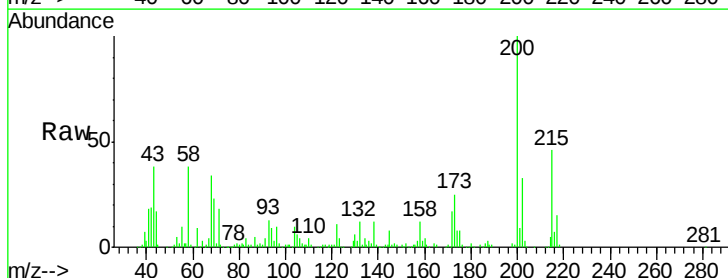
Tgt Ion:200 Resp: 343045

Ion Ratio Lower Upper

200 100

173 25.3 4.8 44.8

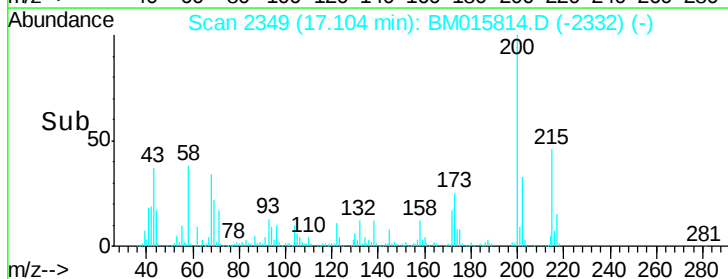
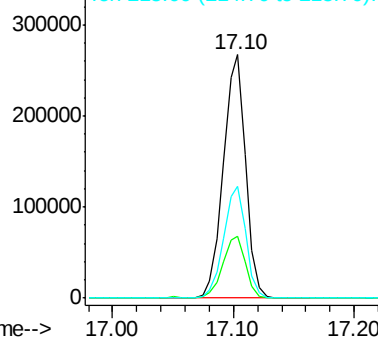
215 45.9 26.9 66.9

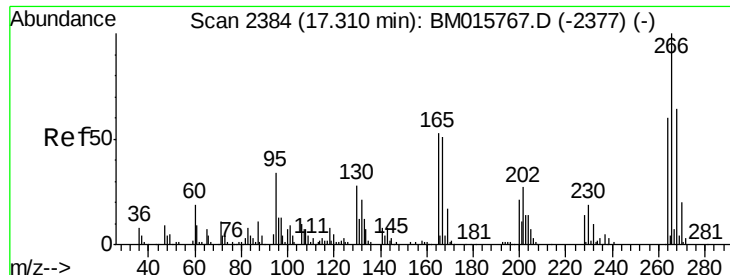


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

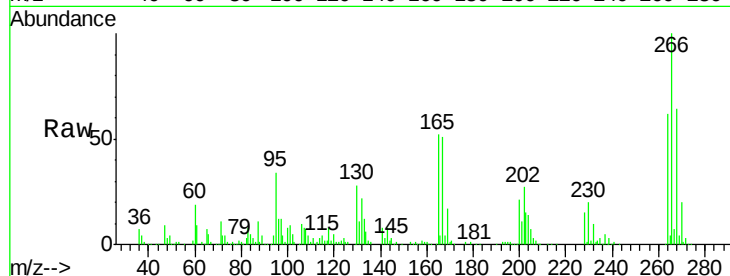




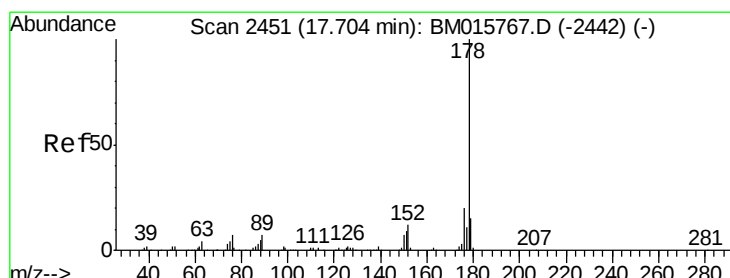
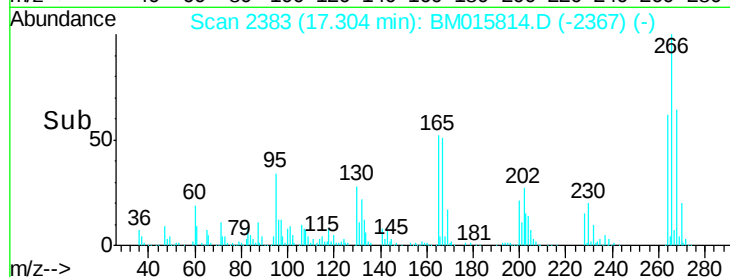
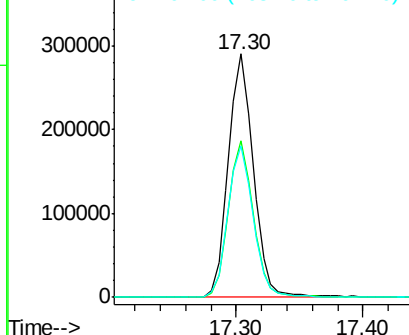
#69
 Pentachlorophenol
 Concen: 88.035 ng
 RT: 17.30 min Scan# 2383
 Delta R.T. -0.01 min
 Lab File: BM015814.D
 Acq: 06 Jul 2018 22:35

Instrument :
 BNA_M
 ClientSampleId :
 GF-02MSD

Tgt Ion: 266 Resp: 398700
 Ion Ratio Lower Upper
 266 100
 268 64.1 52.0 78.0
 264 62.1 49.0 73.4

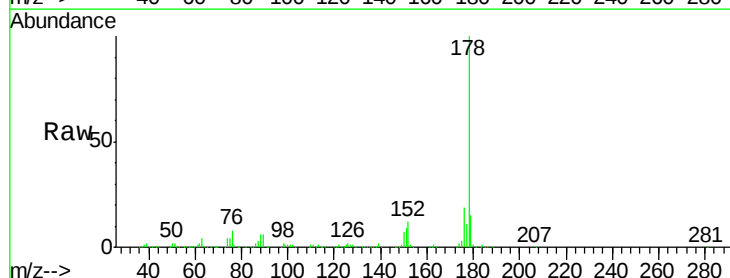


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

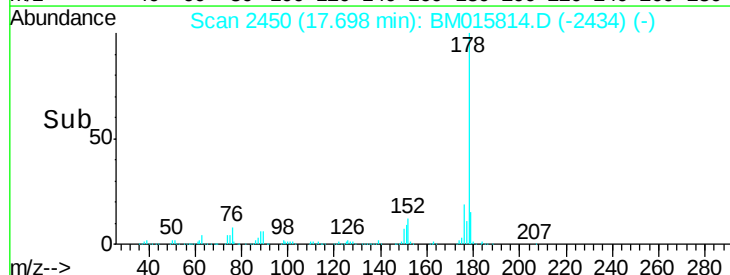
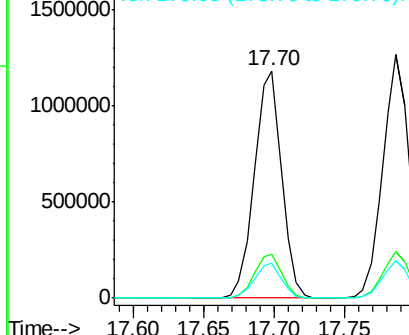


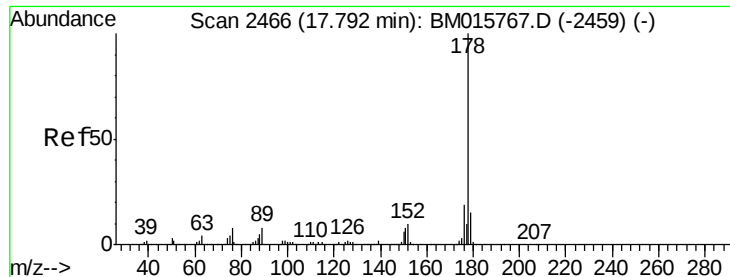
#70
 Phenanthrene
 Concen: 48.188 ng
 RT: 17.70 min Scan# 2450
 Delta R.T. -0.01 min
 Lab File: BM015814.D
 Acq: 06 Jul 2018 22:35

Tgt Ion: 178 Resp: 1617264
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.2 22.8
 179 15.2 12.1 18.1



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

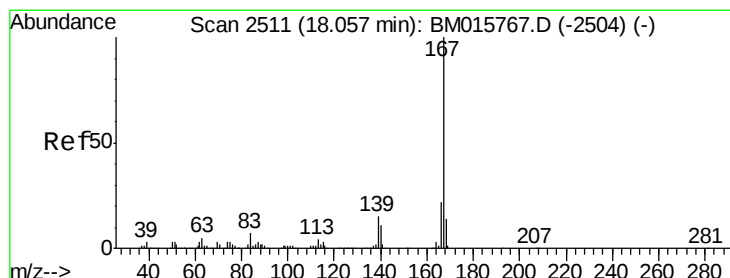
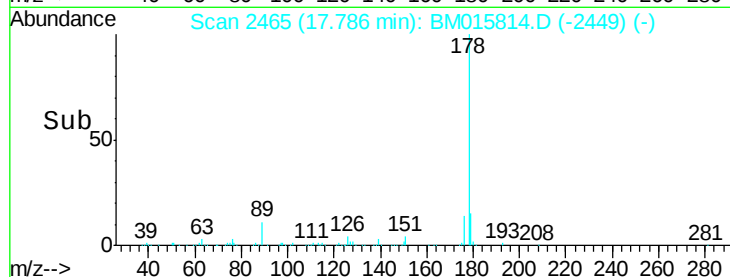
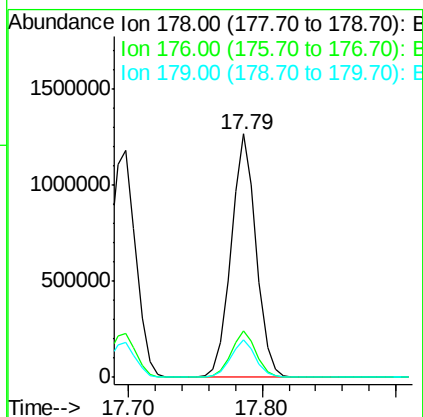
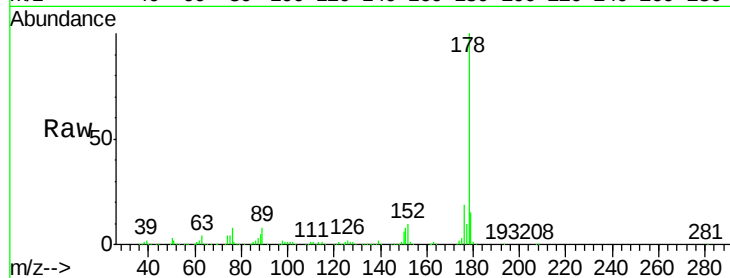




#71
 Anthracene
 Concen: 50.037 ng
 RT: 17.79 min Scan# 2465
 Delta R.T. -0.01 min
 Lab File: BM015814.D
 Acq: 06 Jul 2018 22:35

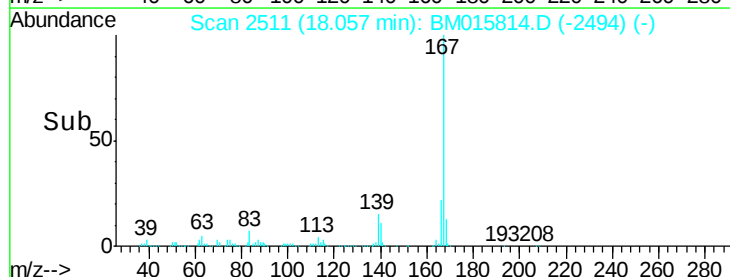
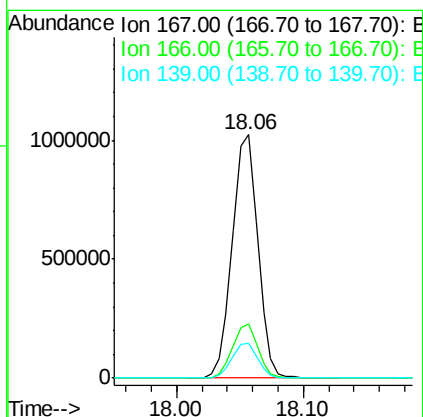
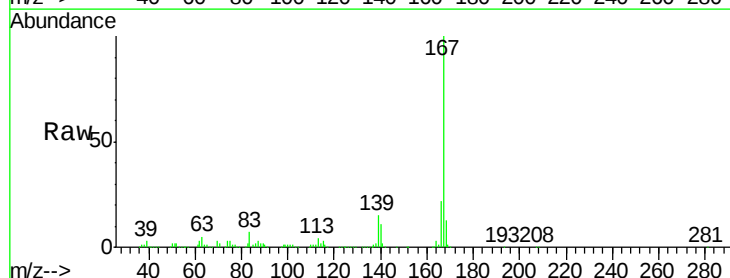
Instrument :
 BNA_M
 ClientSampleId :
 GF-02MSD

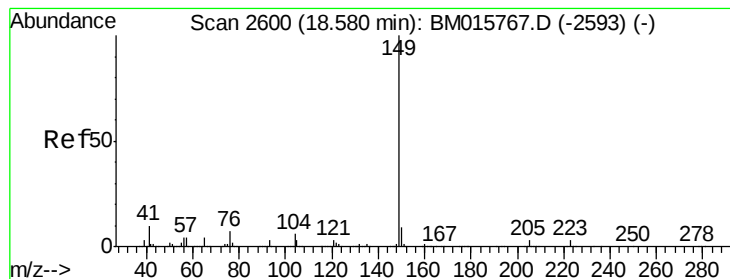
Tgt Ion:178 Resp: 1649173
 Ion Ratio Lower Upper
 178 100
 176 18.9 14.6 22.0
 179 15.4 12.6 19.0



#72
 Carbazole
 Concen: 46.551 ng
 RT: 18.06 min Scan# 2511
 Delta R.T. -0.00 min
 Lab File: BM015814.D
 Acq: 06 Jul 2018 22:35

Tgt Ion:167 Resp: 1429719
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.2 25.8
 139 14.6 10.8 16.2





#73

Di-n-butylphthalate

Concen: 46.634 ng

RT: 18.57 min Scan# 2599

Delta R.T. -0.01 min

Lab File: BM015814.D

Acq: 06 Jul 2018 22:35

Instrument :

BNA_M

ClientSampleId :

GF-02MSD

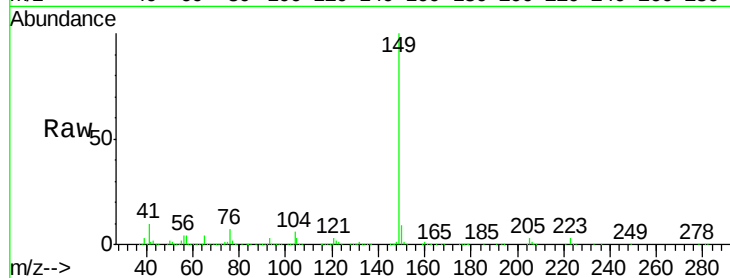
Tgt Ion:149 Resp: 1930511

Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

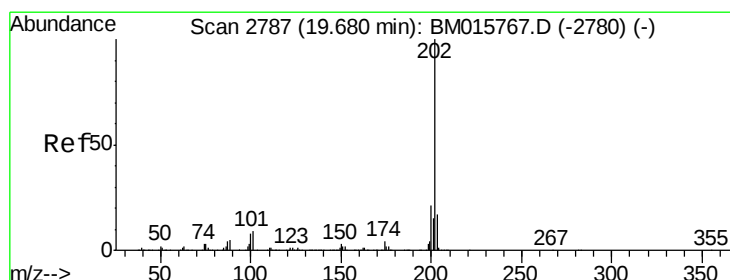
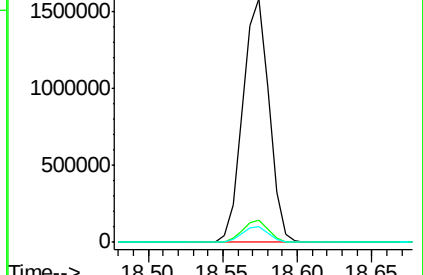
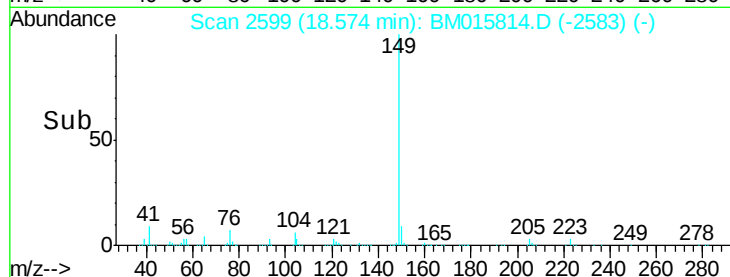
104 6.4 3.7 5.5#



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: 41.817 ng

RT: 19.67 min Scan# 2786

Delta R.T. -0.01 min

Lab File: BM015814.D

Acq: 06 Jul 2018 22:35

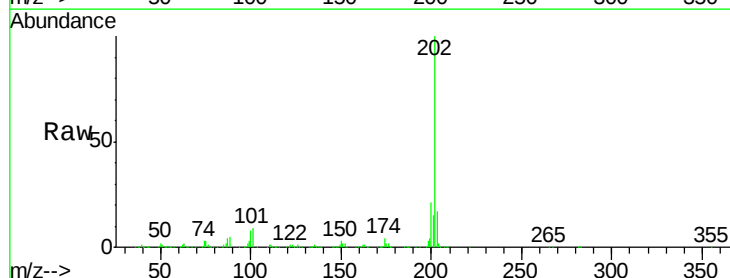
Tgt Ion:202 Resp: 1613390

Ion Ratio Lower Upper

202 100

101 9.5 0.0 28.7

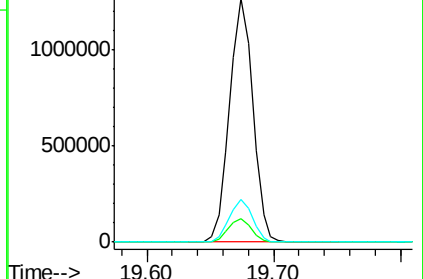
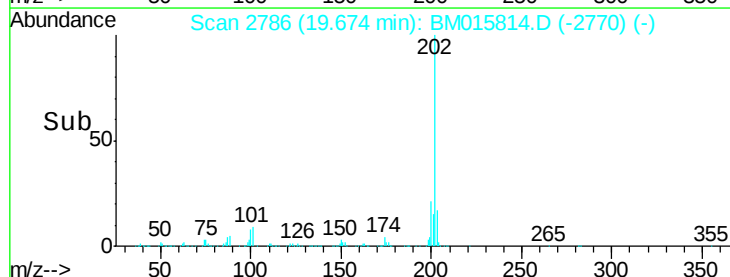
203 17.5 0.0 37.2

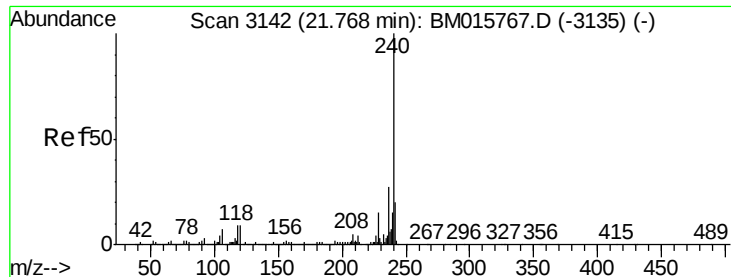


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BM015814.D

Acq: 06 Jul 2018 22:35

Instrument :

BNA_M

ClientSampleId :

GF-02MSD

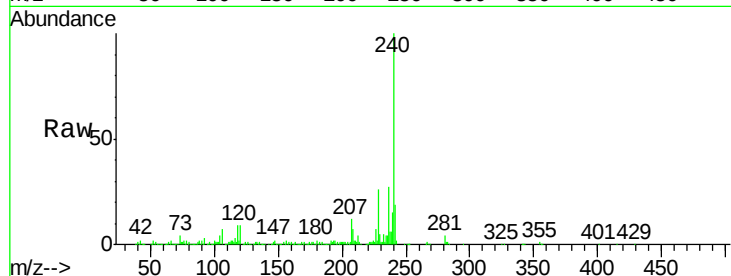
Tgt Ion:240 Resp: 430880

Ion Ratio Lower Upper

240 100

120 8.9 8.2 12.2

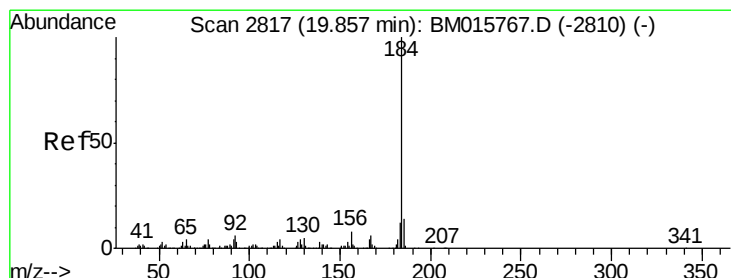
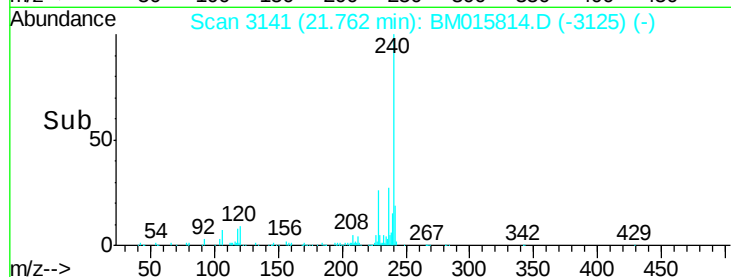
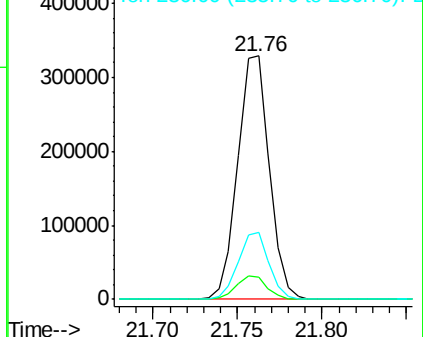
236 27.3 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 28.302 ng

RT: 19.85 min Scan# 2816

Delta R.T. -0.01 min

Lab File: BM015814.D

Acq: 06 Jul 2018 22:35

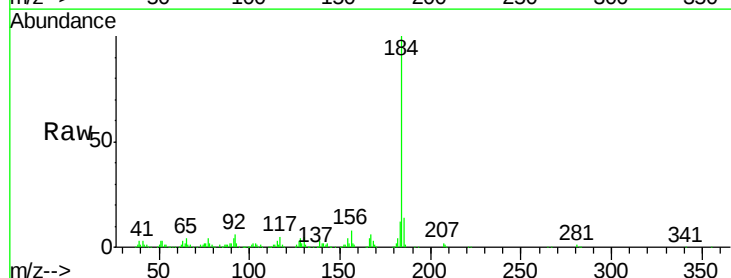
Tgt Ion:184 Resp: 357291

Ion Ratio Lower Upper

184 100

185 14.0 11.3 16.9

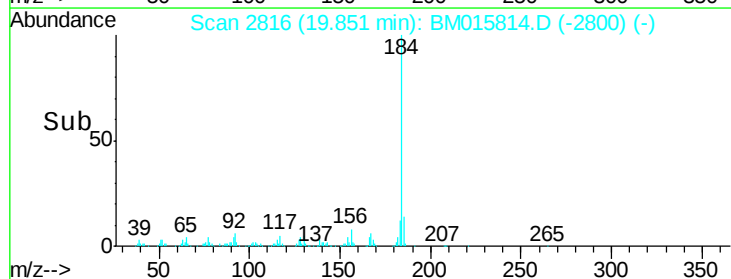
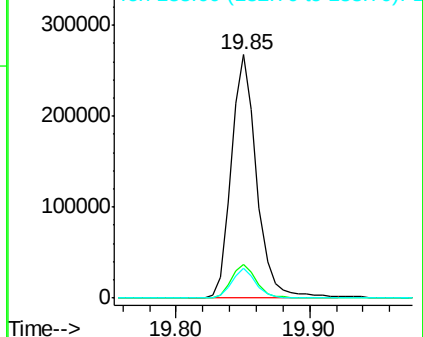
183 12.1 8.9 13.3

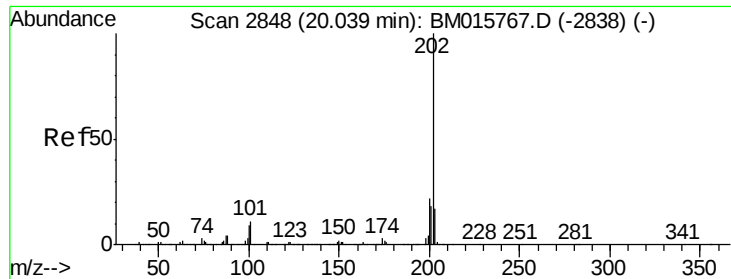


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

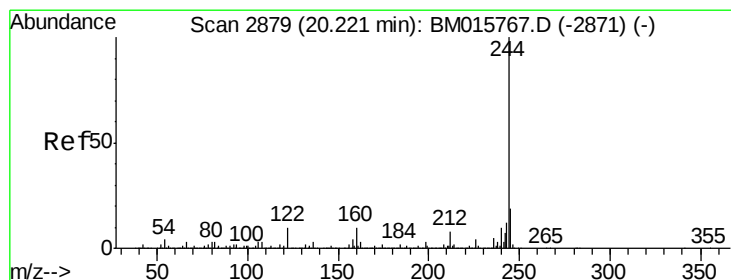
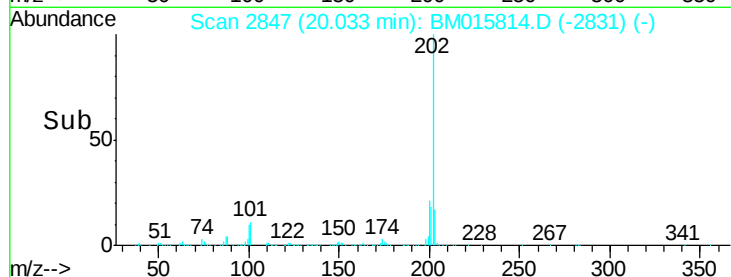
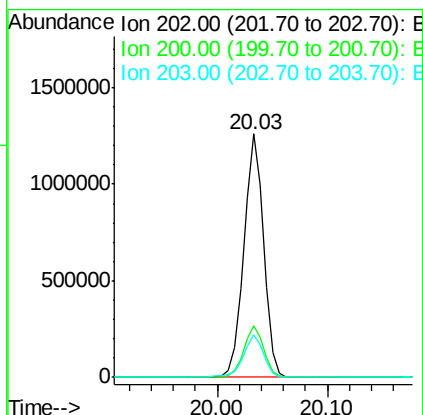
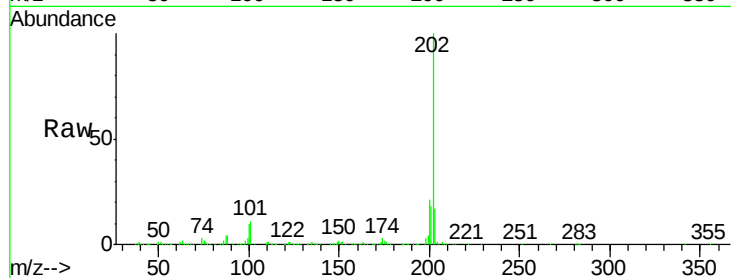




#77
 Pyrene
 Concen: 58.999 ng
 RT: 20.03 min Scan# 2847
 Delta R.T. -0.01 min
 Lab File: BM015814.D
 Acq: 06 Jul 2018 22:35

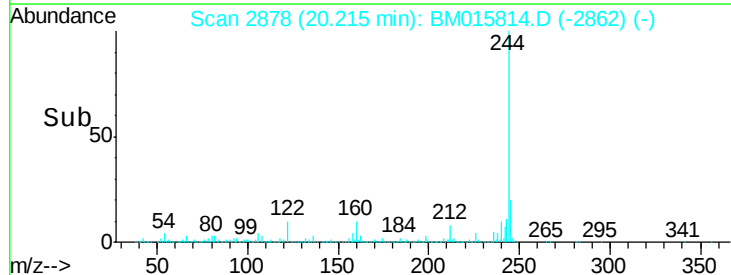
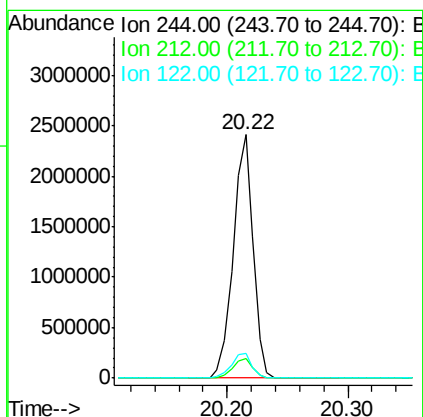
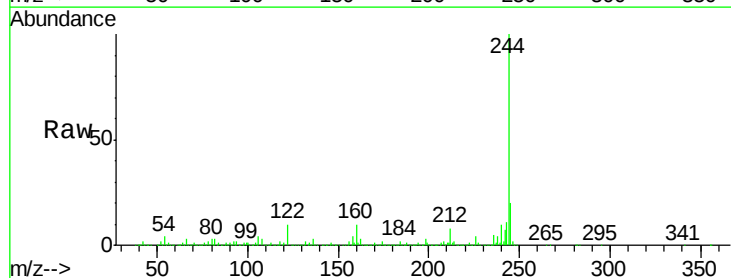
Instrument :
 BNA_M
 ClientSampleId :
 GF-02MSD

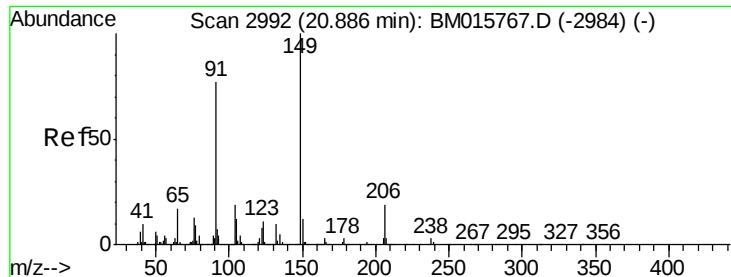
Tgt Ion:202 Resp: 1583565
 Ion Ratio Lower Upper
 202 100
 200 21.5 16.9 25.3
 203 17.5 14.1 21.1



#78
 Terphenyl-d14
 Concen: 58.999 ng
 RT: 20.22 min Scan# 2878
 Delta R.T. -0.01 min
 Lab File: BM015814.D
 Acq: 06 Jul 2018 22:35

Tgt Ion:244 Resp: 2749756
 Ion Ratio Lower Upper
 244 100
 212 7.9 4.9 7.3#
 122 9.9 6.2 9.4#

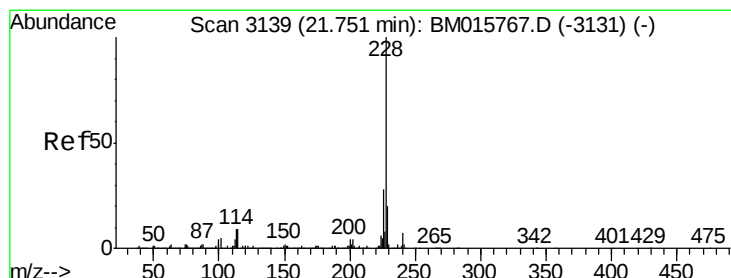
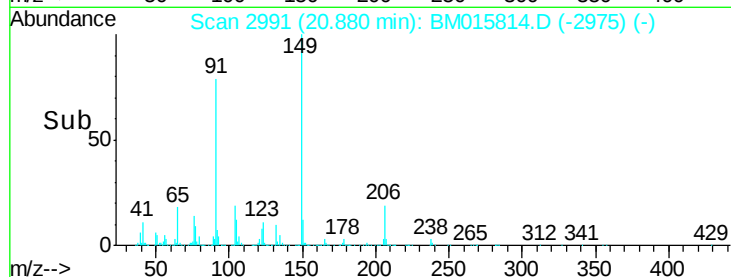
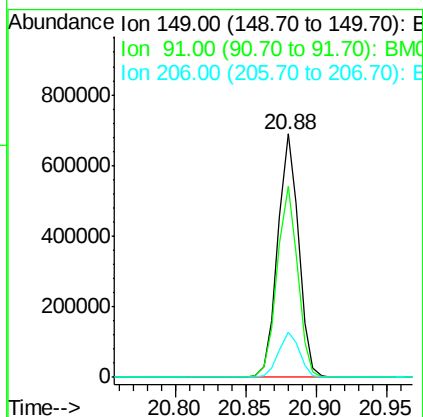
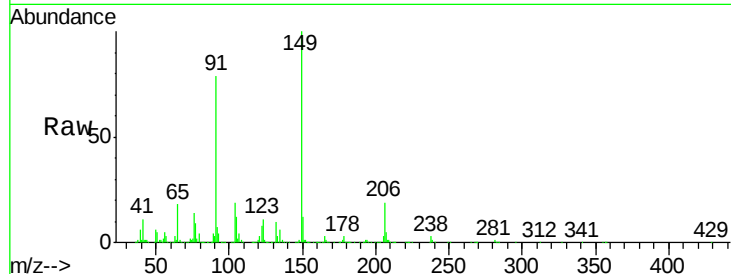




#79
Butylbenzylphthalate
Concen: 54.949 ng
RT: 20.88 min Scan# 2991
Delta R.T. -0.01 min
Lab File: BM015814.D
Acq: 06 Jul 2018 22:35

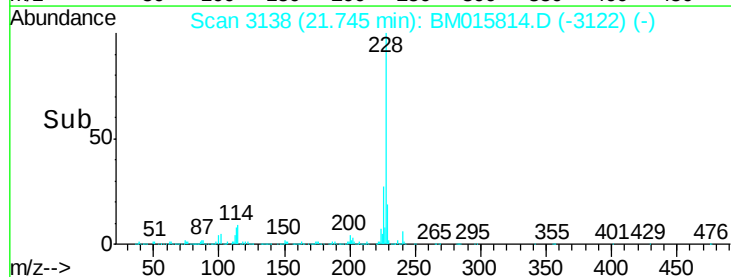
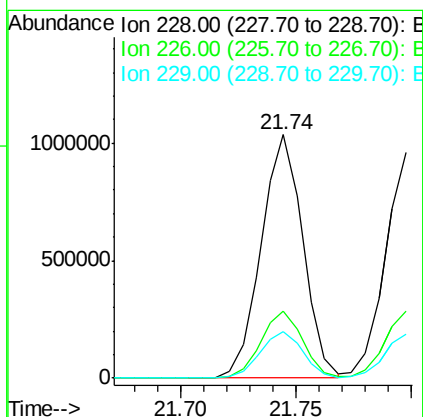
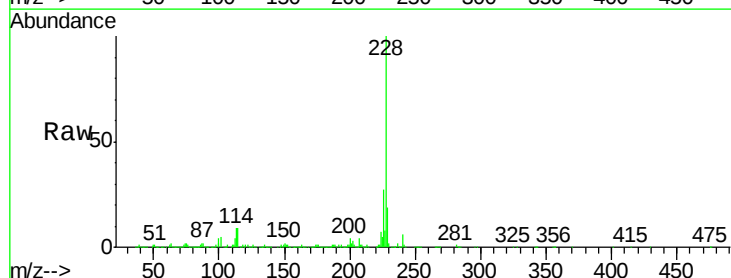
Instrument :
BNA_M
ClientSampleId :
GF-02MSD

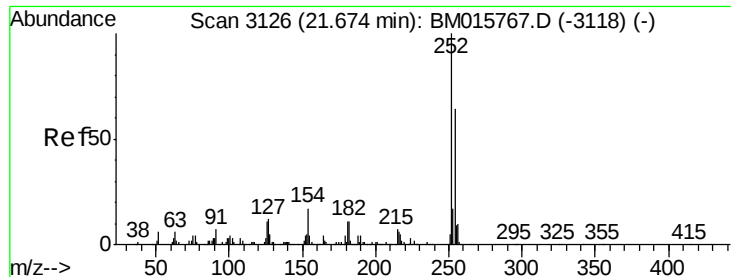
Tgt Ion:149 Resp: 712917
Ion Ratio Lower Upper
149 100
91 78.6 50.1 75.1#
206 18.8 16.2 24.2



#80
Benzo(a)anthracene
Concen: 47.507 ng
RT: 21.74 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BM015814.D
Acq: 06 Jul 2018 22:35

Tgt Ion:228 Resp: 1297840
Ion Ratio Lower Upper
228 100
226 27.3 21.7 32.5
229 19.3 16.0 24.0

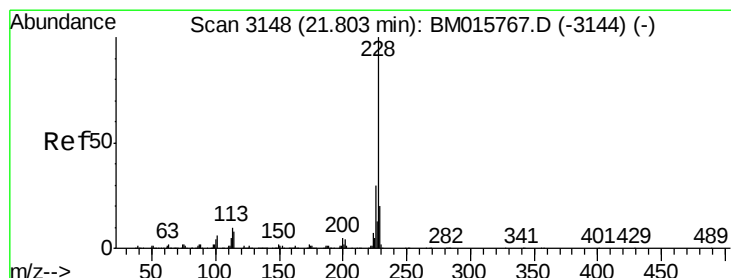
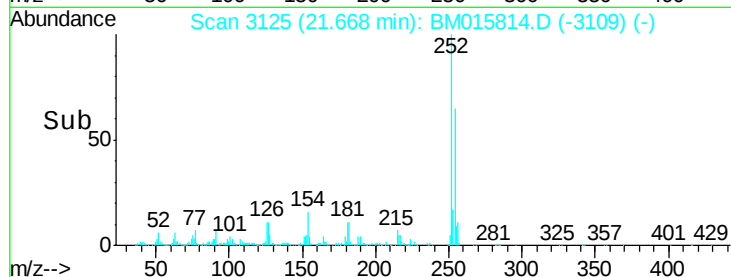
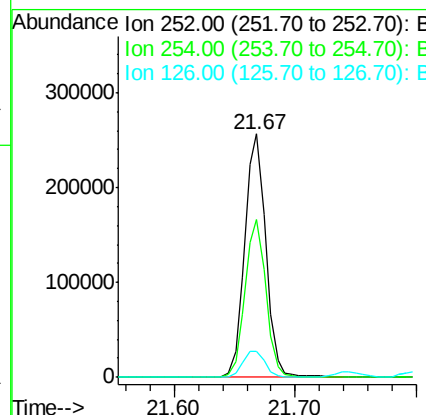
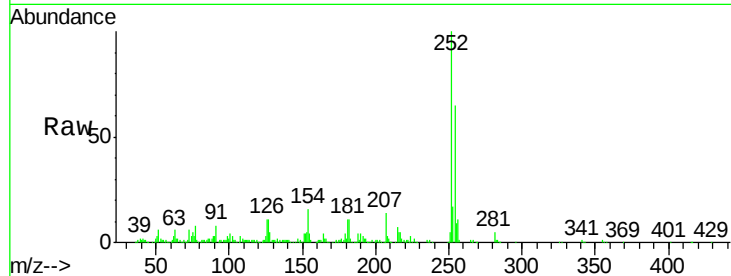




#81
 3,3'-Dichlorobenzidine
 Concen: 32.121 ng
 RT: 21.67 min Scan# 3125
 Delta R.T. -0.01 min
 Lab File: BM015814.D
 Acq: 06 Jul 2018 22:35

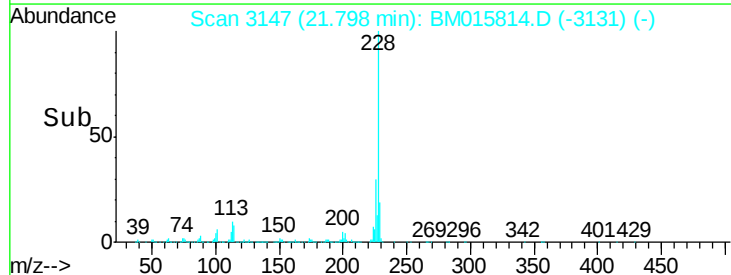
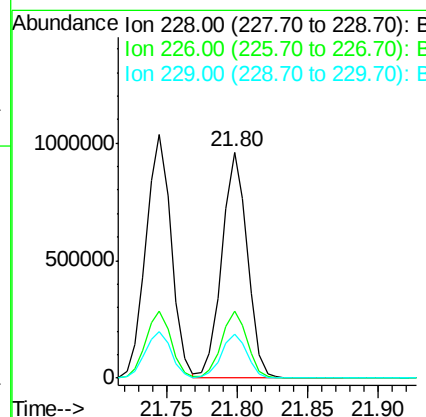
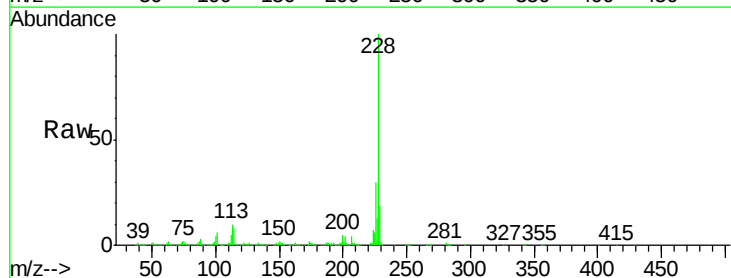
Instrument :
 BNA_M
 ClientSampleId :
 GF-02MSD

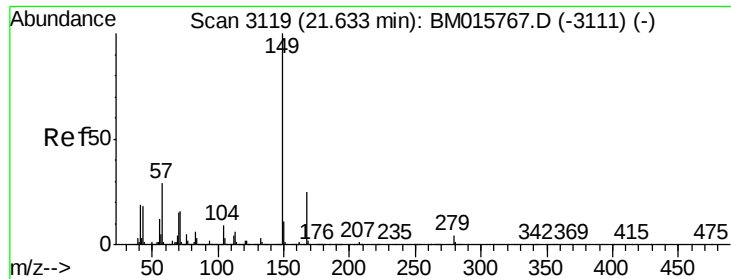
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.9	77.9
126	10.9	9.8	14.8



#82
 Chrysene
 Concen: 47.111 ng
 RT: 21.80 min Scan# 3147
 Delta R.T. -0.01 min
 Lab File: BM015814.D
 Acq: 06 Jul 2018 22:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.1	36.1
229	19.5	15.5	23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.004 ng

RT: 21.63 min Scan# 3118

Delta R.T. -0.01 min

Lab File: BM015814.D

Acq: 06 Jul 2018 22:35

Instrument :

BNA_M

ClientSampleId :

GF-02MSD

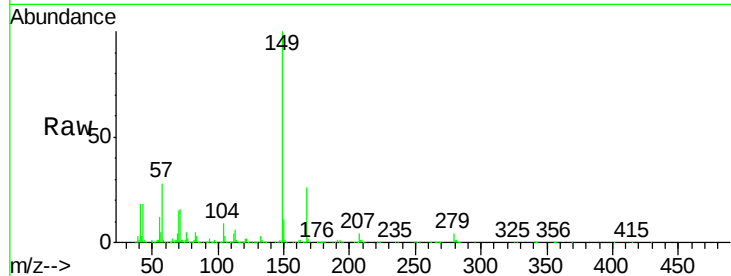
Tgt Ion:149 Resp: 958598

Ion Ratio Lower Upper

149 100

167 25.7 22.4 33.6

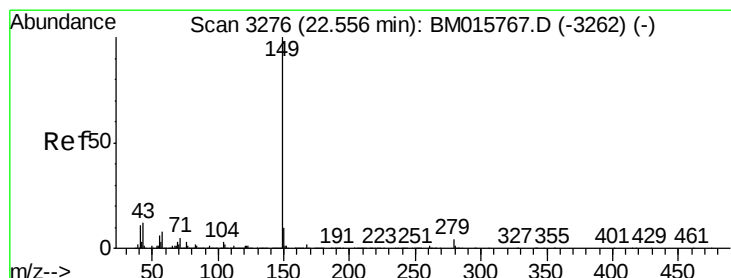
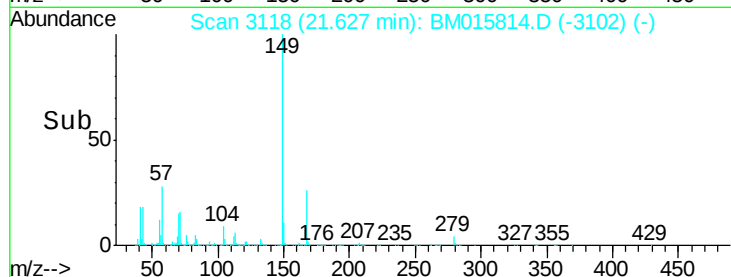
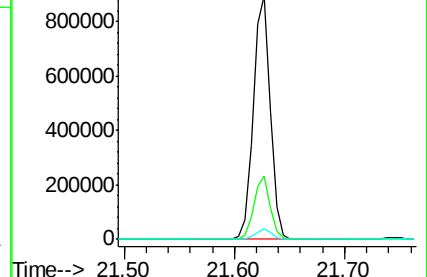
279 4.2 3.4 5.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 44.278 ng

RT: 22.54 min Scan# 3274

Delta R.T. -0.01 min

Lab File: BM015814.D

Acq: 06 Jul 2018 22:35

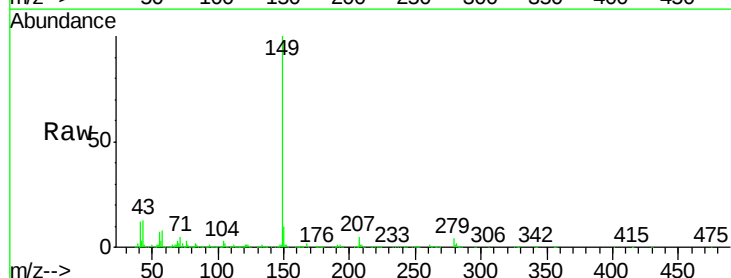
Tgt Ion:149 Resp: 1384071

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

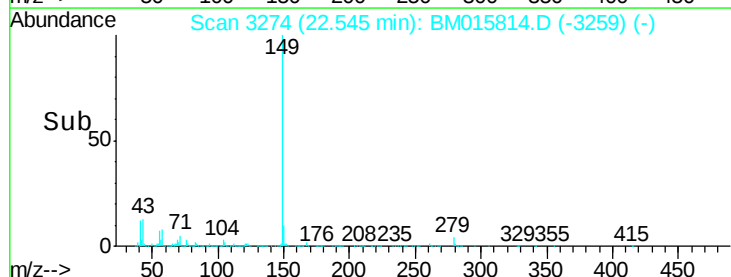
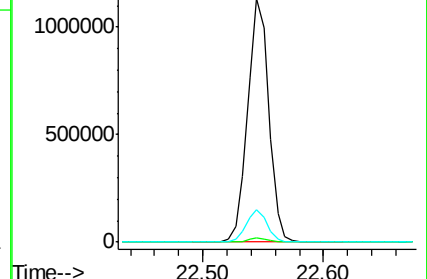
43 12.9 7.3 10.9#

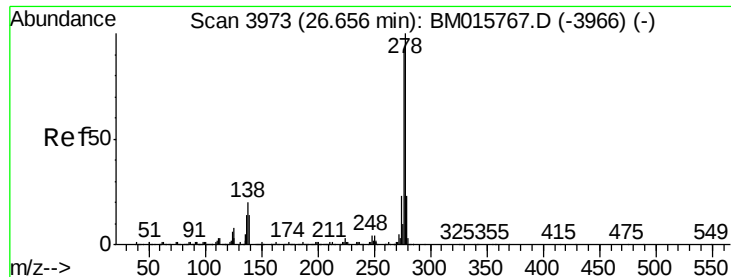


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM

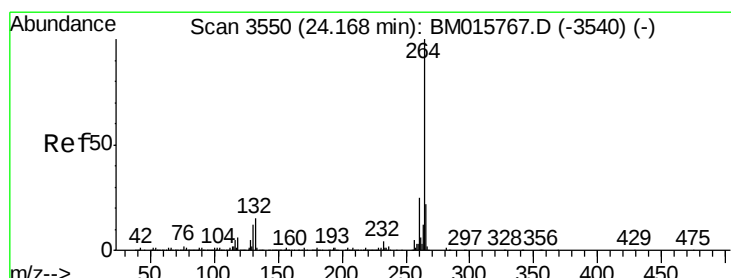
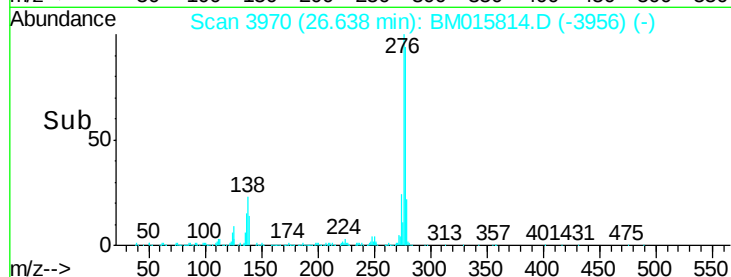
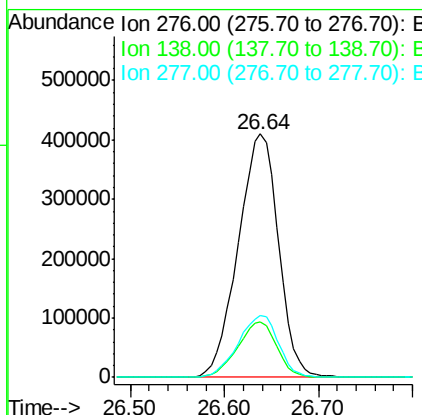
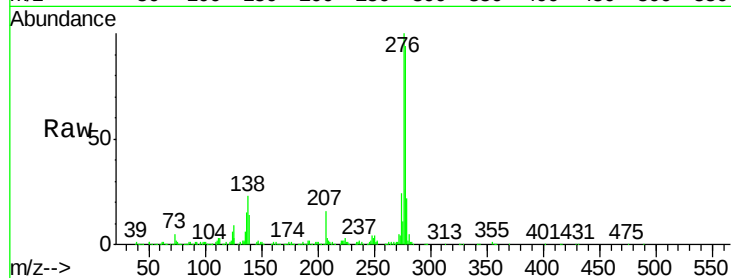




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.343 ng
 RT: 26.64 min Scan# 3970
 Delta R.T. -0.02 min
 Lab File: BM015814.D
 Acq: 06 Jul 2018 22:35

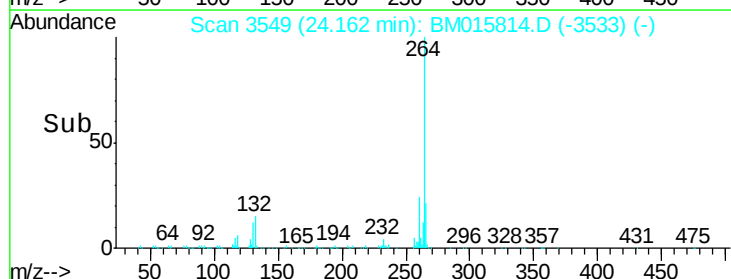
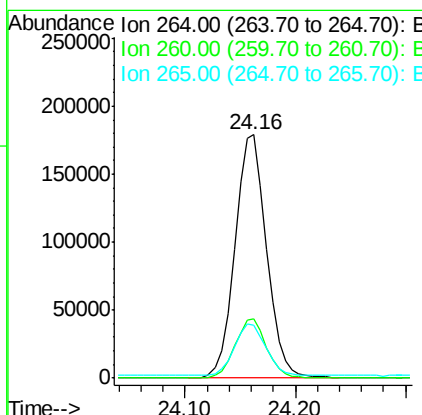
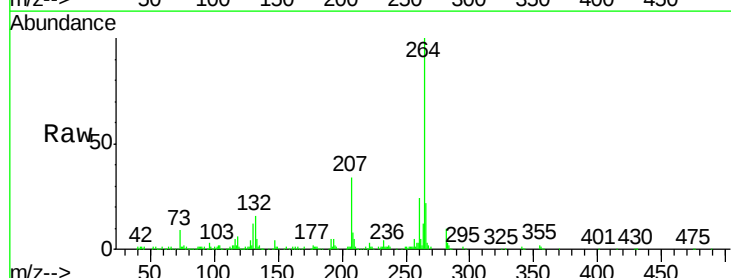
Instrument :
 BNA_M
 ClientSampleId :
 GF-02MSD

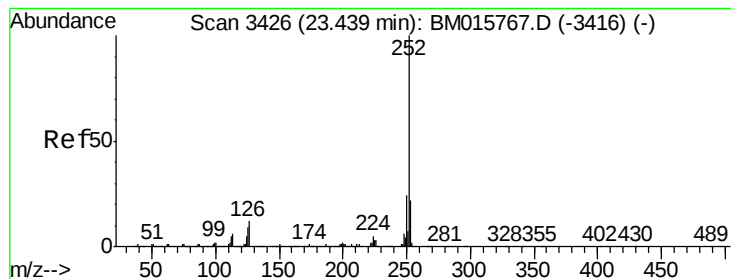
Tgt Ion:276 Resp: 1213957
 Ion Ratio Lower Upper
 276 100
 138 22.2 12.0 18.0#
 277 25.5 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.16 min Scan# 3549
 Delta R.T. -0.01 min
 Lab File: BM015814.D
 Acq: 06 Jul 2018 22:35

Tgt Ion:264 Resp: 358811
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.6 27.8
 265 21.9 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 46.884 ng

RT: 23.43 min Scan# 3425

Delta R.T. -0.01 min

Lab File: BM015814.D

Acq: 06 Jul 2018 22:35

Instrument :

BNA_M

ClientSampleId :

GF-02MSD

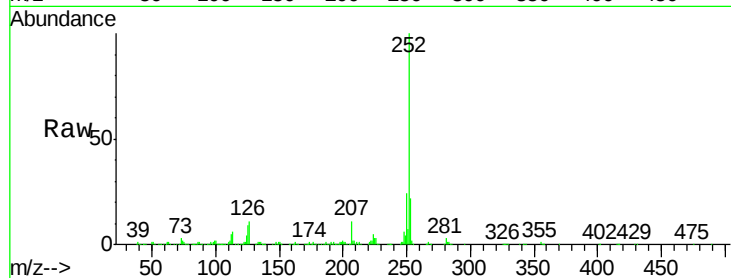
Tgt Ion:252 Resp: 1123146

Ion Ratio Lower Upper

252 100

253 21.9 18.0 27.0

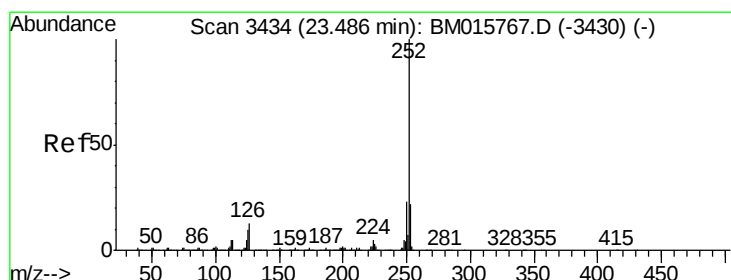
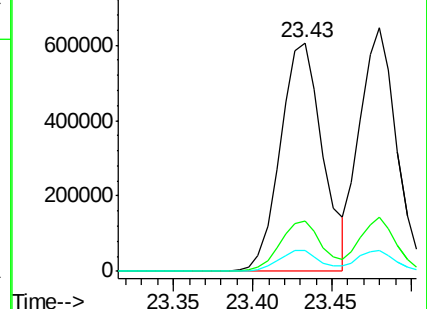
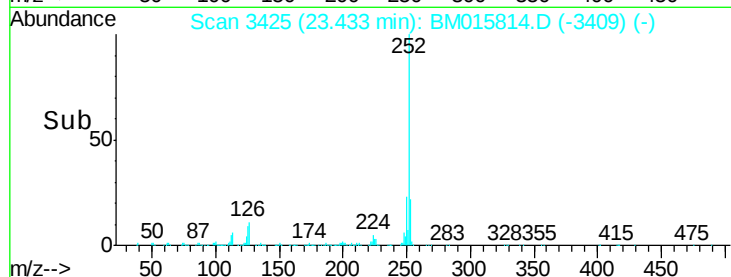
125 9.0 9.9 14.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 44.499 ng

RT: 23.48 min Scan# 3433

Delta R.T. -0.01 min

Lab File: BM015814.D

Acq: 06 Jul 2018 22:35

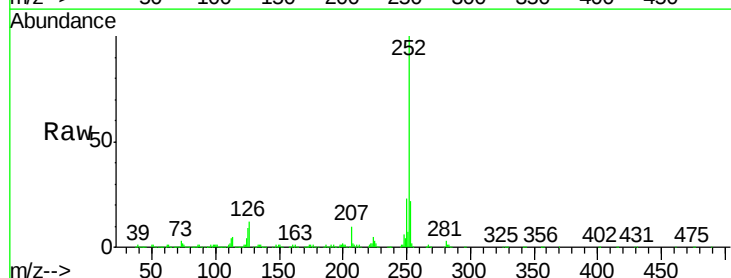
Tgt Ion:252 Resp: 1035526

Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

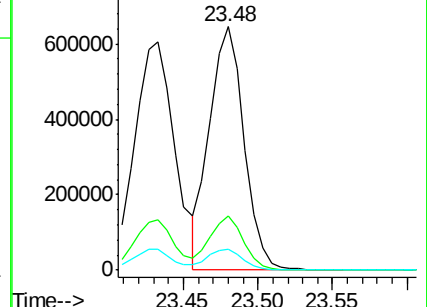
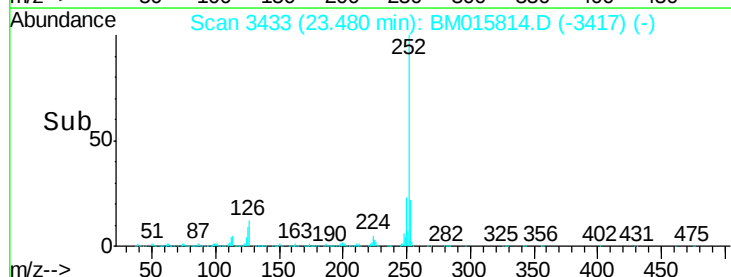
125 8.8 8.1 12.1

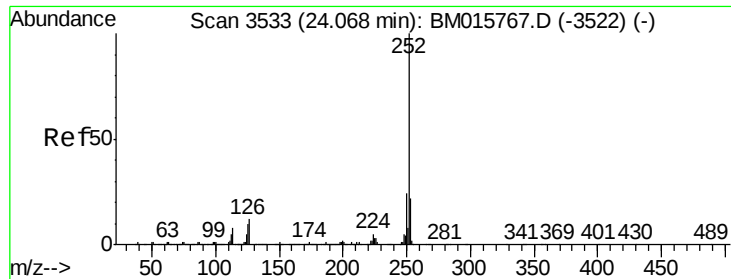


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 48.569 ng

RT: 24.06 min Scan# 3531

Delta R.T. -0.01 min

Lab File: BM015814.D

Acq: 06 Jul 2018 22:35

Instrument :

BNA_M

ClientSampleId :

GF-02MSD

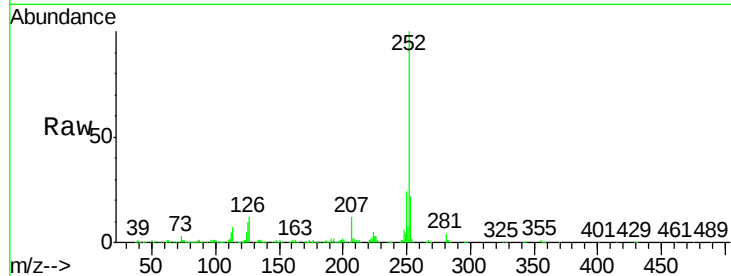
Tgt Ion:252 Resp: 1024205

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

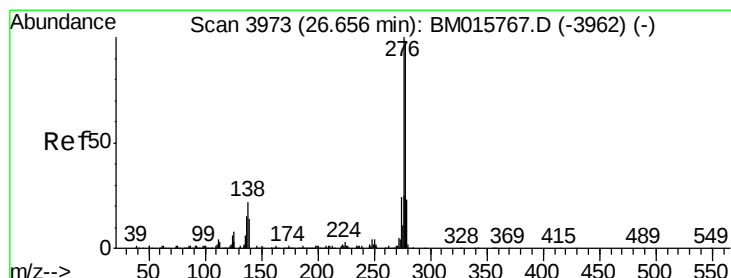
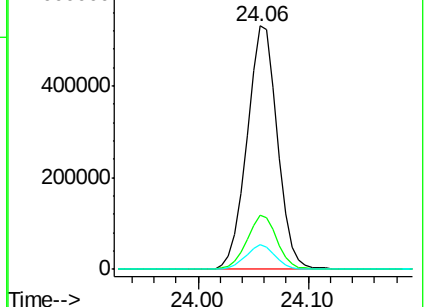
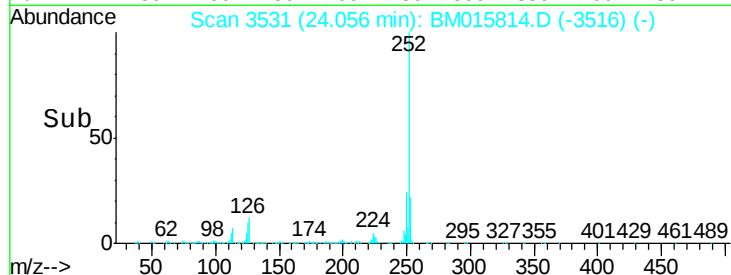
125 10.3 7.4 11.2



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



#90

Dibenzo(a,h)anthracene

Concen: 54.706 ng

RT: 26.64 min Scan# 3970

Delta R.T. -0.02 min

Lab File: BM015814.D

Acq: 06 Jul 2018 22:35

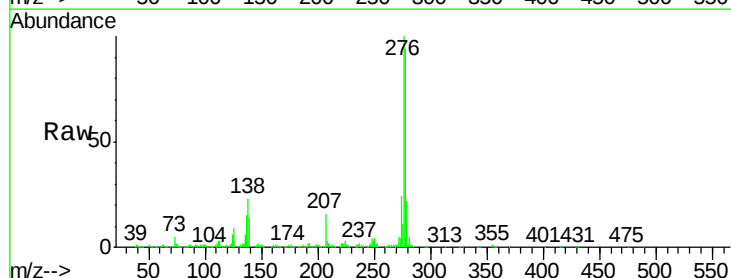
Tgt Ion:278 Resp: 1037942

Ion Ratio Lower Upper

278 100

139 14.5 13.4 20.0

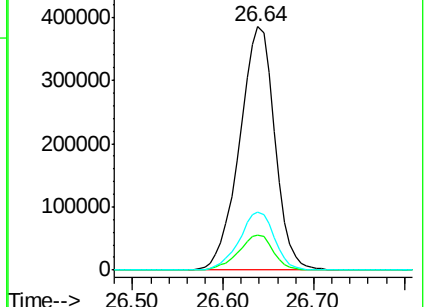
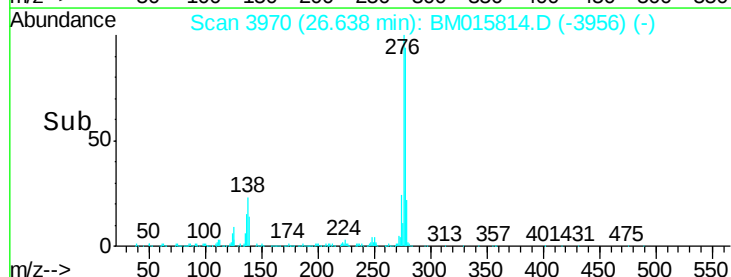
279 23.7 19.0 28.4

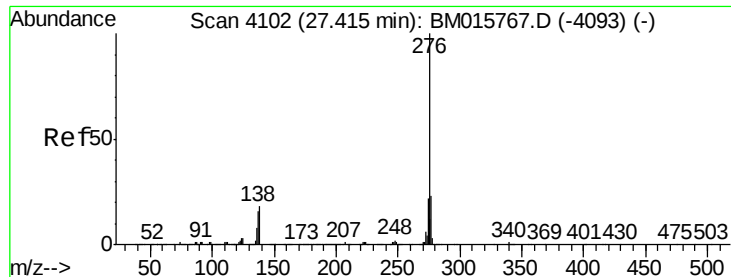


Abundance Ion 278.00 (277.70 to 278.70): E

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: 58.568 ng
 RT: 27.40 min Scan# 4099
 Delta R.T. -0.02 min
 Lab File: BM015814.D
 Acq: 06 Jul 2018 22:35

Instrument :
 BNA_M
 ClientSampleId :
 GF-02MSD

Tgt Ion:	276	Resp:	976370
Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.5	27.7
138	19.0	19.0	28.6

