

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091217\
 Data File : BF098452.D
 Acq On : 12 Sep 2017 16:07
 Operator : SJ/JU
 Sample : I5156-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-011-AMSD

Quant Time: Sep 13 00:55:37 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	215104	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	914049	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	399310	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	649078	20.00	ng	0.00
75) Chrysene-d12	13.81	240	385079	20.00	ng	0.00
86) Perylene-d12	15.21	264	385418	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	1531282	105.25	ng	0.00
7) Phenol-d6	6.32	99	1880628	101.81	ng	0.00
23) Nitrobenzene-d5	7.23	82	1193484	72.79	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	312993	117.44	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	1811964	76.91	ng	-0.01
78) Terphenyl-d14	12.76	244	1216824	68.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	215150	28.652	ng	87
3) Pyridine	3.03	79	546594	27.410	ng	# 80
4) n-Nitrosodimethylamine	2.99	42	308705	31.576	ng	99
6) Aniline	6.33	93	538699	23.246	ng	# 6
8) 2-Chlorophenol	6.45	128	563389	35.217	ng	93
9) Benzaldehyde	6.21	77	418017	34.618	ng	92
10) Phenol	6.33	94	756131	35.242	ng	87
11) bis(2-Chloroethyl)ether	6.40	93	558591	34.531	ng	91
12) 1,3-Dichlorobenzene	6.60	146	556469	34.559	ng	97
13) 1,4-Dichlorobenzene	6.68	146	560410	33.977	ng	95
14) 1,2-Dichlorobenzene	6.83	146	521180	34.684	ng	98
15) Benzyl Alcohol	6.82	79	461151	37.512	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.95	45	903198	33.934	ng	72
17) 2-Methylphenol	6.94	107	474697	36.389	ng	# 90
18) Hexachloroethane	7.17	117	210763	33.367	ng	# 82
19) n-Nitroso-di-n-propylamine	7.09	70	406831	35.014	ng	97
20) 3+4-Methylphenols	7.09	107	618652	37.579	ng	# 67
22) Acetophenone	7.08	105	806475	34.138	ng	# 91
24) Nitrobenzene	7.25	77	624350	33.431	ng	98
25) Isophorone	7.49	82	1112467	33.536	ng	100
26) 2-Nitrophenol	7.57	139	294352	39.036	ng	# 83
27) 2,4-Dimethylphenol	7.62	122	505824	35.189	ng	97
28) bis(2-Chloroethoxy)methane	7.70	93	710811	35.116	ng	99
29) 2,4-Dichlorophenol	7.82	162	441838	36.959	ng	96
30) 1,2,4-Trichlorobenzene	7.89	180	468385	36.017	ng	99
31) Naphthalene	7.97	128	1580802	34.984	ng	100
32) Benzoic acid	7.62	122	505824	51.717	ng	# 14
33) 4-Chloroaniline	8.02	127	369977	20.146	ng	99
34) Hexachlorobutadiene	8.09	225	232236	34.786	ng	98
35) Caprolactam	8.40	113	74526	18.078	ng	# 65
36) 4-Chloro-3-methylphenol	8.52	107	505912	34.123	ng	# 83
37) 2-Methylnaphthalene	8.66	142	1027460	37.538	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	419628	33.737	ng	99
40) Hexachlorocyclopentadiene	8.81	237	118190	38.291	ng	99

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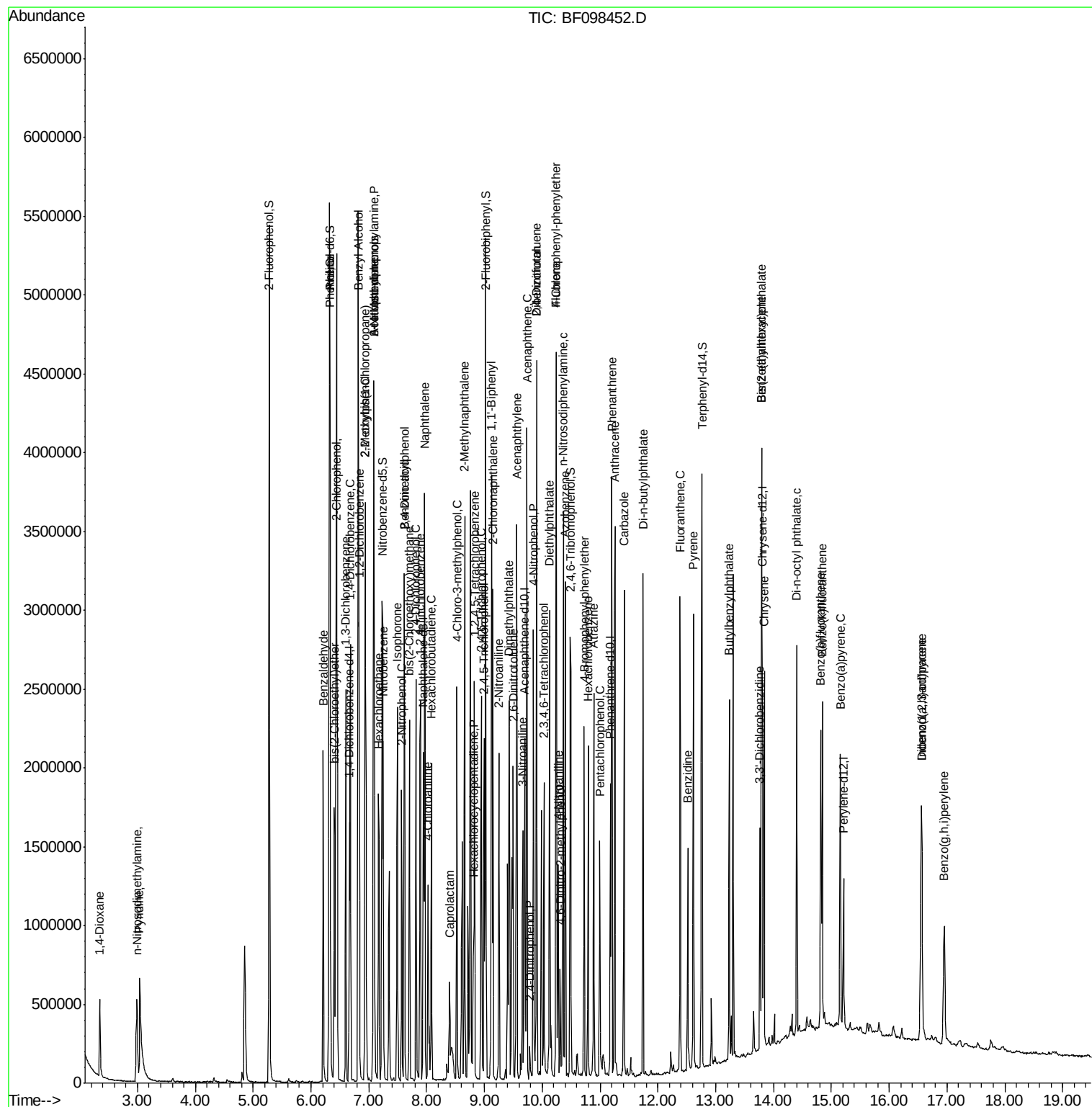
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	278439	38.111	ng	92
43) 2,4,5-Trichlorophenol	8.99	196	289490	37.909	ng	93
45) 1,1'-Biphenyl	9.12	154	1213936	33.965	ng	97
46) 2-Chloronaphthalene	9.15	162	914941	35.845	ng	# 92
47) 2-Nitroaniline	9.25	65	354481	36.183	ng	95
48) Acenaphthylene	9.56	152	1331348	35.080	ng	99
49) Dimethylphthalate	9.43	163	1206153	39.022	ng	99
50) 2,6-Dinitrotoluene	9.50	165	240151	37.824	ng	# 85
51) Acenaphthene	9.73	154	841834	34.895	ng	99
52) 3-Nitroaniline	9.66	138	202743	26.453	ng	100
53) 2,4-Dinitrophenol	9.78	184	28384	16.974	ng	# 79
54) Dibenzofuran	9.90	168	1146003	36.058	ng	99
55) 4-Nitrophenol	9.85	139	301846	68.548	ng	# 44
56) 2,4-Dinitrotoluene	9.90	165	281034	36.408	ng	# 57
57) Fluorene	10.25	166	898900	34.171	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.03	232	200568	39.082	ng	99
59) Diethylphthalate	10.13	149	1031269	35.082	ng	98
60) 4-Chlorophenyl-phenylether	10.24	204	432122	35.564	ng	# 87
61) 4-Nitroaniline	10.28	138	243076	31.404	ng	91
62) Azobenzene	10.40	77	1083073	34.185	ng	97
64) 4,6-Dinitro-2-methylphenol	10.31	198	78384	22.617	ng	86
65) n-Nitrosodiphenylamine	10.36	169	830212	39.392	ng	98
66) 4-Bromophenyl-phenylether	10.73	248	251370	40.805	ng	94
67) Hexachlorobenzene	10.79	284	231858	37.105	ng	# 86
68) Atrazine	10.89	200	255987	39.453	ng	98
69) Pentachlorophenol	10.99	266	157121	58.815	ng	96
70) Phenanthrene	11.20	178	1283815	37.310	ng	99
71) Anthracene	11.26	178	1293046	36.601	ng	99
72) Carbazole	11.42	167	1102430	33.484	ng	99
73) Di-n-butylphthalate	11.74	149	1456072	36.911	ng	99
74) Fluoranthene	12.39	202	1113512	32.326	ng	98
76) Benzidine	12.52	184	519986	30.511	ng	# 93
77) Pyrene	12.62	202	1111032	36.574	ng	99
79) Butylbenzylphthalate	13.23	149	502889	38.160	ng	# 75
80) Benzo(a)anthracene	13.80	228	802435	35.543	ng	98
81) 3,3'-Dichlorobenzidine	13.76	252	265469	30.257	ng	98
82) Chrysene	13.84	228	816676	35.786	ng	99
83) Bis(2-ethylhexyl)phthalate	13.79	149	633686	38.314	ng	99
84) Di-n-octyl phthalate	14.40	149	1100339	38.776	ng	97
85) Indeno(1,2,3-cd)pyrene	16.56	276	669305	41.803	ng	98
87) Benzo(b)fluoranthene	14.82	252	799433	32.988	ng	97
88) Benzo(k)fluoranthene	14.84	252	794643	35.124	ng	96
89) Benzo(a)pyrene	15.16	252	770979	35.710	ng	99
90) Dibenzo(a,h)anthracene	16.56	278	567631	36.142	ng	96
91) Benzo(g,h,i)perylene	16.96	276	540760	34.233	ng	99

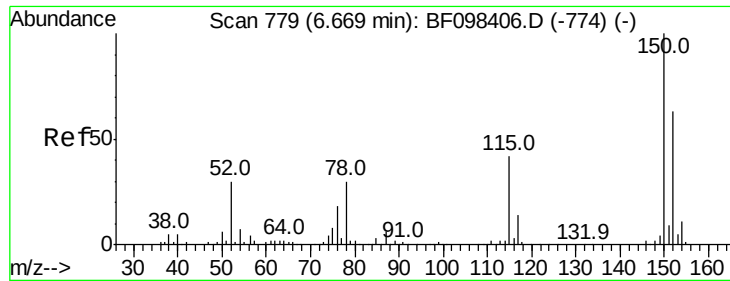
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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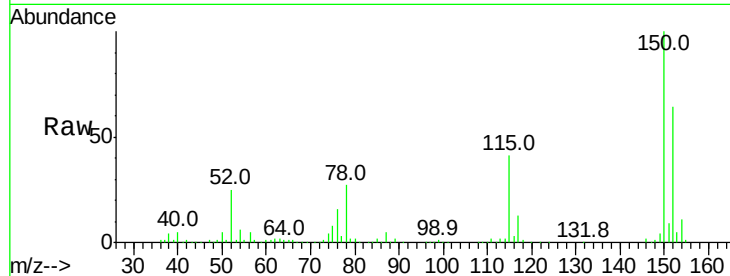


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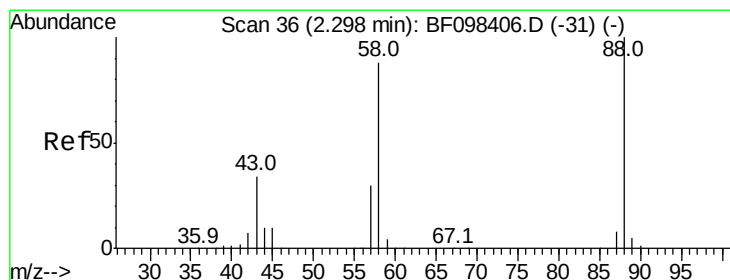
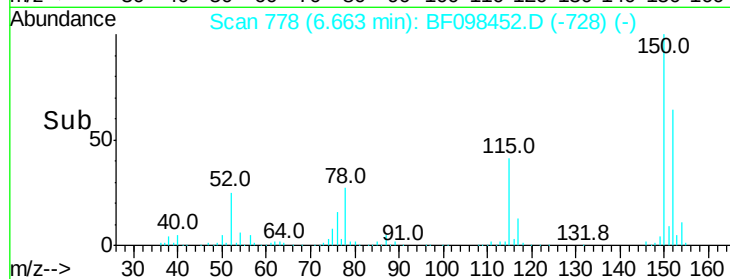
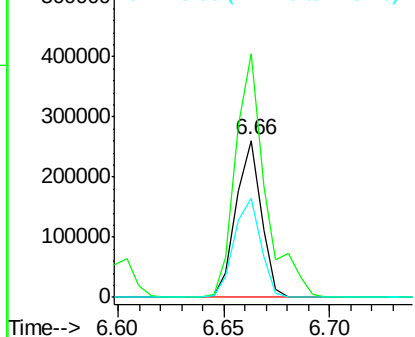
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF098452.D
Acq: 12 Sep 2017 16:07

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-011-AMSD

Tot Ion:152 Resp: 215104
Ion Ratio Lower Upper
152 100
150 155.4 126.2 189.2
115 63.6 52.2 78.2



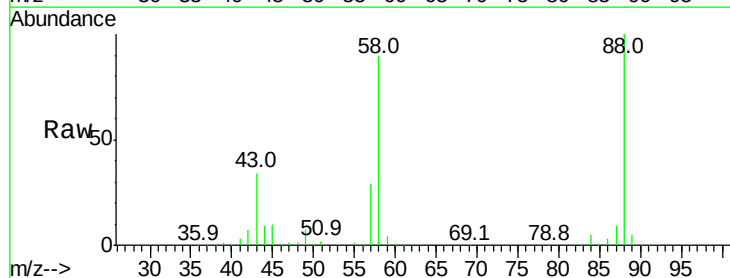
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



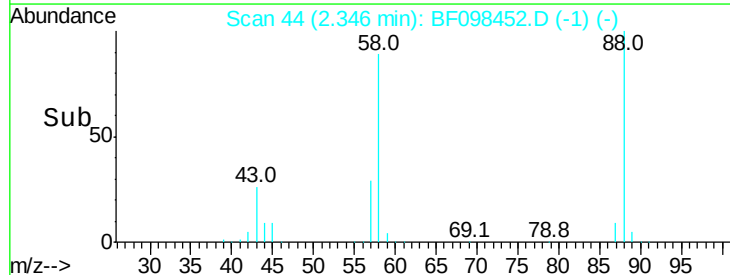
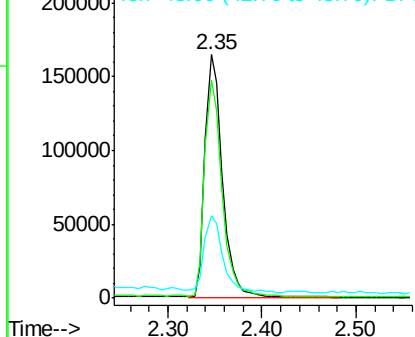
#2

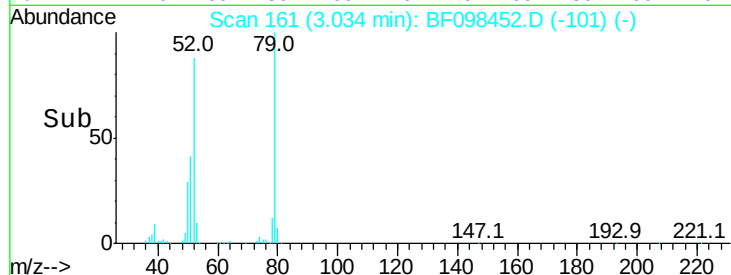
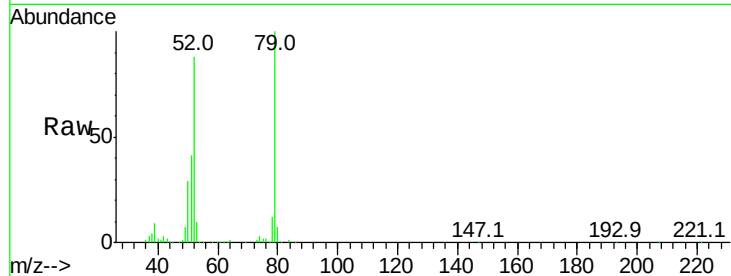
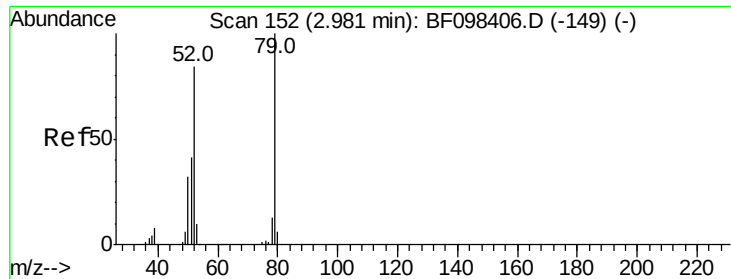
1,4-Dioxane
Concen: 28.652 ng
RT: 2.35 min Scan# 44
Delta R.T. 0.05 min
Lab File: BF098452.D
Acq: 12 Sep 2017 16:07

Tgt Ion: 88 Resp: 215150
Ion Ratio Lower Upper
88 100
58 89.9 61.4 92.0
43 33.4 23.4 35.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0

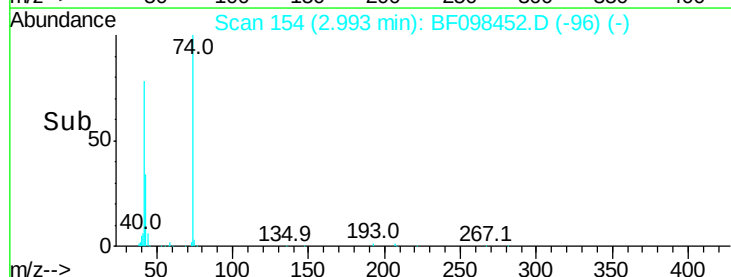
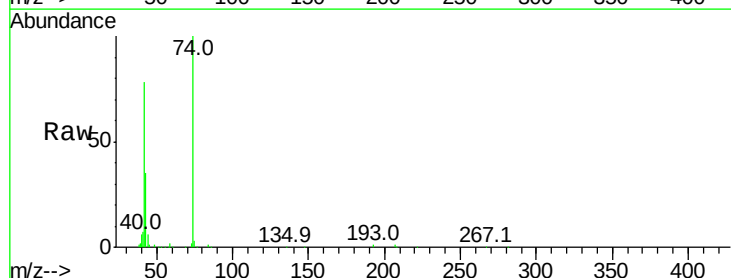
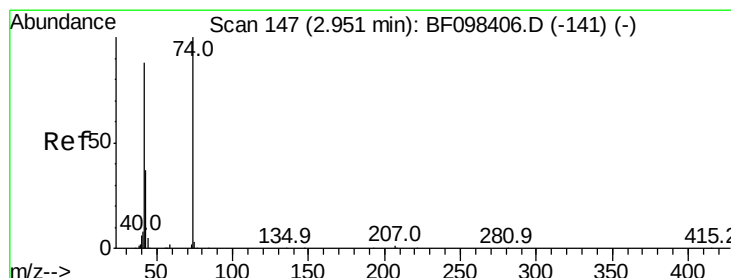
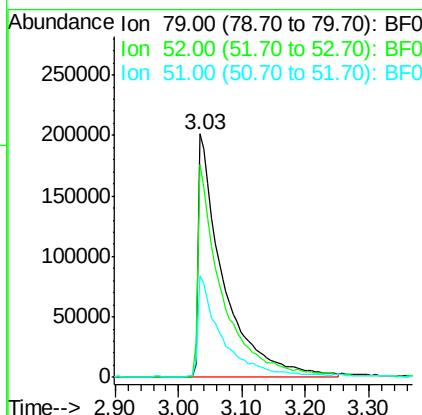




#3
 Pvridine
 Concen: 27.410 ng
 RT: 3.03 min Scan# 161
 Delta R.T. 0.05 min
 Lab File: BF098452.D
 Acq: 12 Sep 2017 16:07

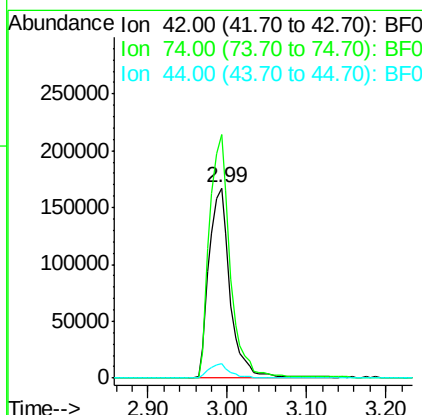
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-011-AMSD

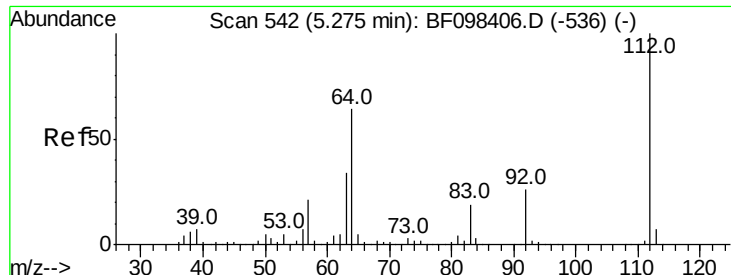
Tot Ion: 79 Resp: 546594
 Ion Ratio Lower Upper
 79 100
 52 87.6 54.8 82.2#
 51 41.4 27.0 40.4#



#4
 n-Nitrosodimethylamine
 Concen: 31.576 ng
 RT: 2.99 min Scan# 154
 Delta R.T. 0.04 min
 Lab File: BF098452.D
 Acq: 12 Sep 2017 16:07

Tgt Ion: 42 Resp: 308705
 Ion Ratio Lower Upper
 42 100
 74 128.2 103.9 155.9
 44 7.7 5.7 8.5





#5

2-Fluorophenol

Concen: 105.253 ng

RT: 5.28 min Scan# 543

Delta R.T. 0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-011-AMSD

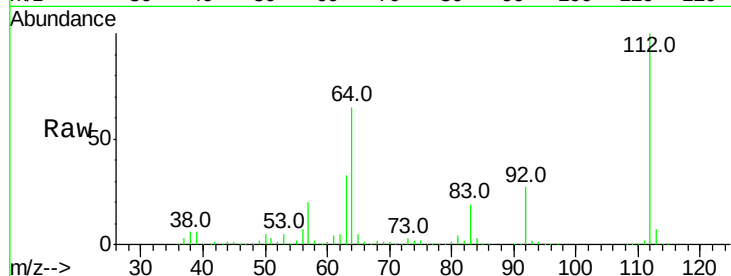
Tot Ion:112 Resp: 1531282

Ion Ratio Lower Upper

112 100

64 64.7 46.0 69.0

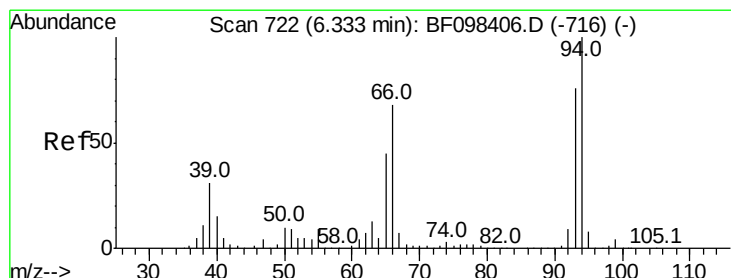
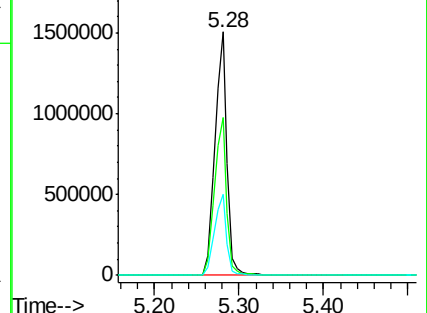
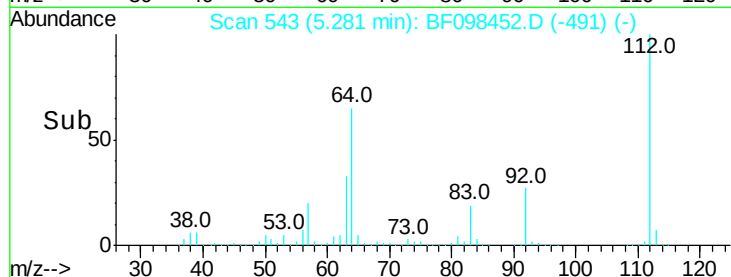
63 33.1 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 23.246 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

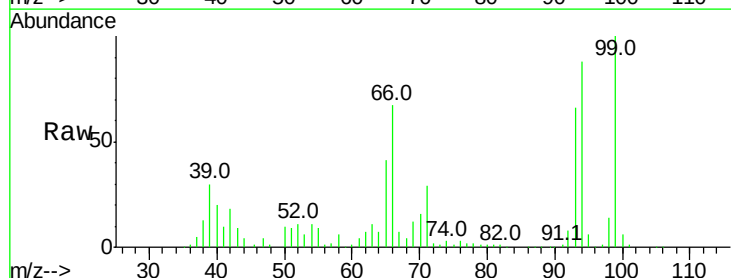
Tgt Ion: 93 Resp: 538699

Ion Ratio Lower Upper

93 100

66 101.0 32.9 49.3#

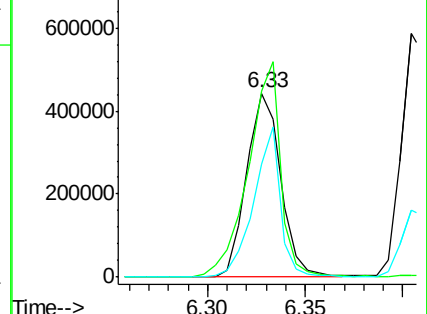
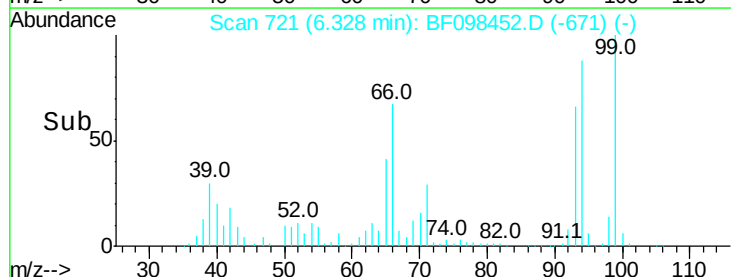
65 61.2 16.0 24.0#

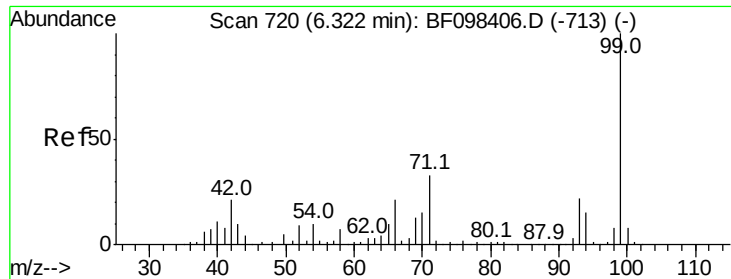


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 101.811 ng

RT: 6.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF098452.D

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Instrument :

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ClientSampleId :

FK-GF-02-011-AMSD

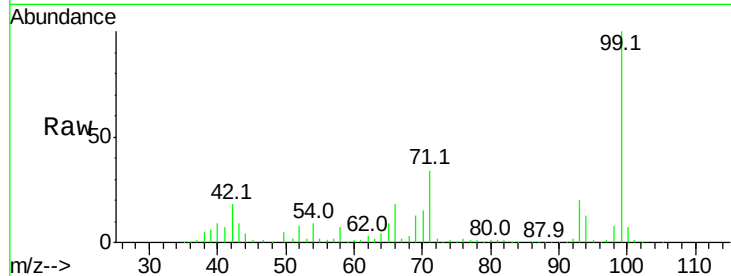
Tot Ion: 99 Resp: 1880628

Ion Ratio Lower Upper

99 100

42 18.5 13.5 20.3

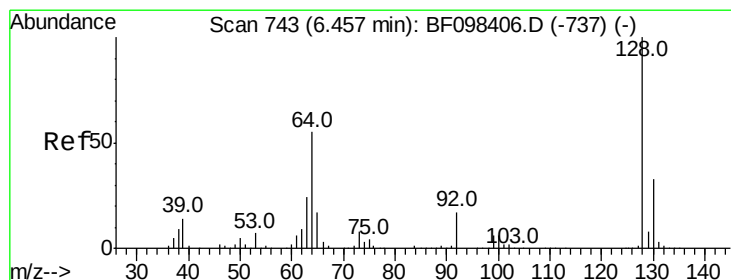
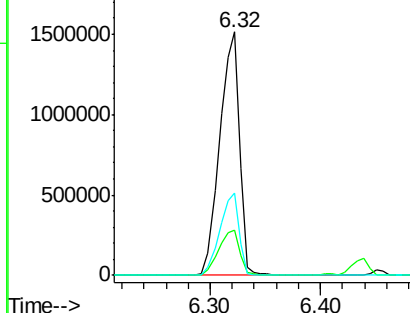
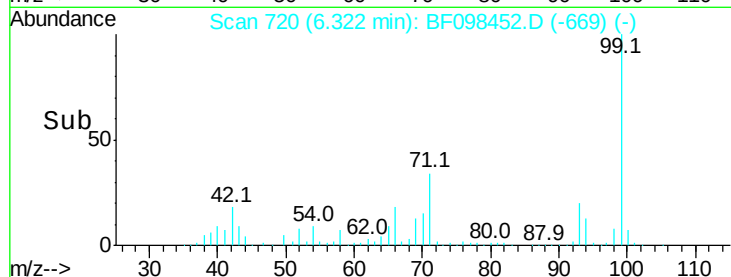
71 33.6 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 35.217 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

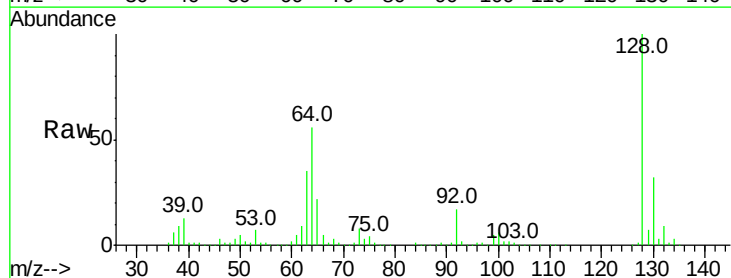
Tgt Ion:128 Resp: 563389

Ion Ratio Lower Upper

128 100

130 32.0 12.9 52.9

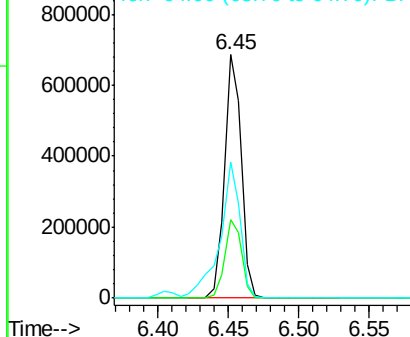
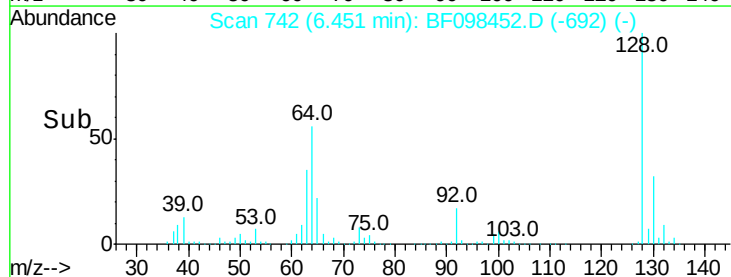
64 55.9 28.4 68.4

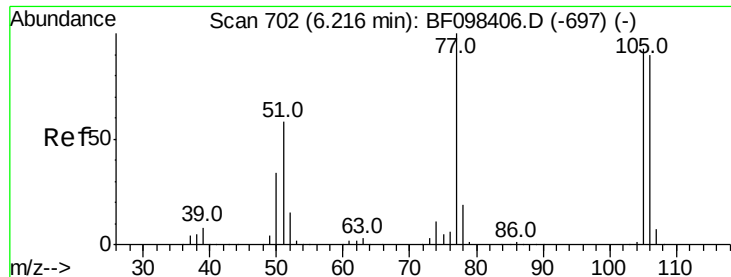


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 34.618 ng

RT: 6.21 min Scan# 701

Delta R.T. -0.01 min

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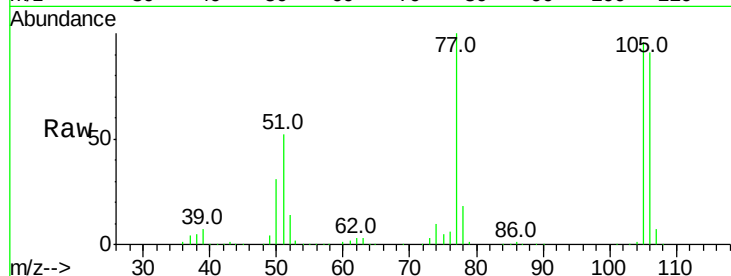
Tot Ion: 77 Resp: 418017

Ion Ratio Lower Upper

77 100

105 96.5 83.8 123.8

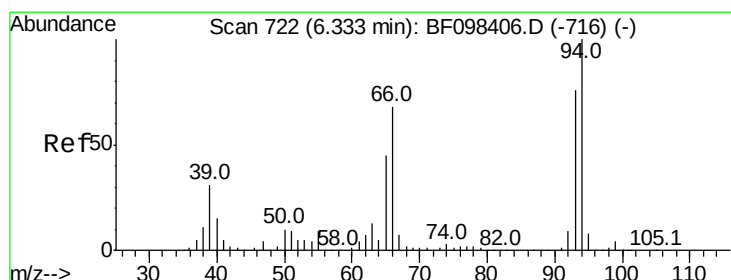
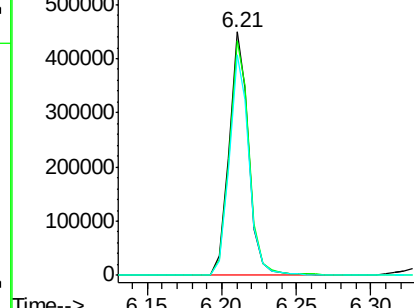
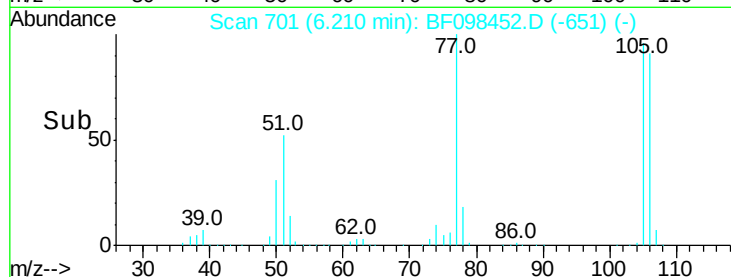
106 90.7 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 35.242 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

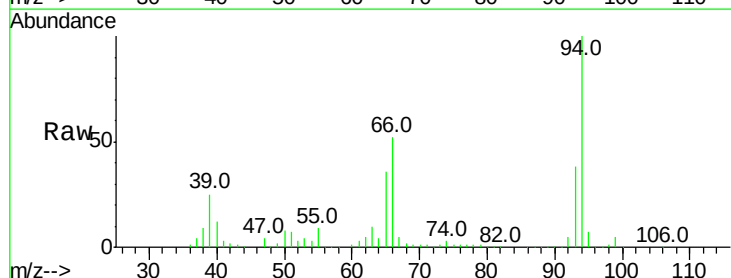
Tgt Ion: 94 Resp: 756131

Ion Ratio Lower Upper

94 100

65 36.1 9.9 49.9

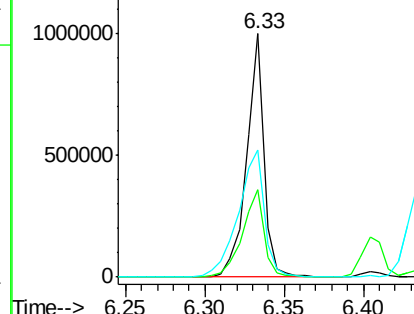
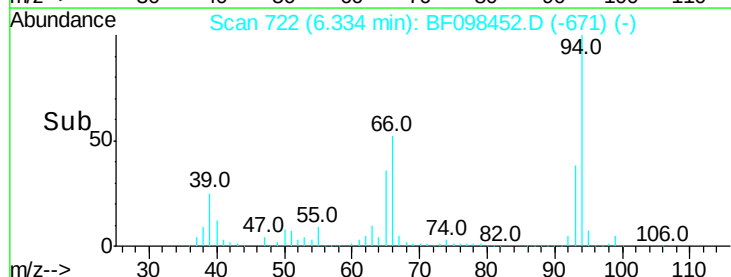
66 52.0 23.1 63.1

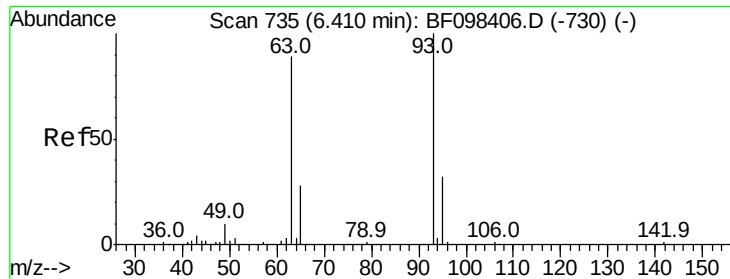


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 34.531 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-011-AMSD

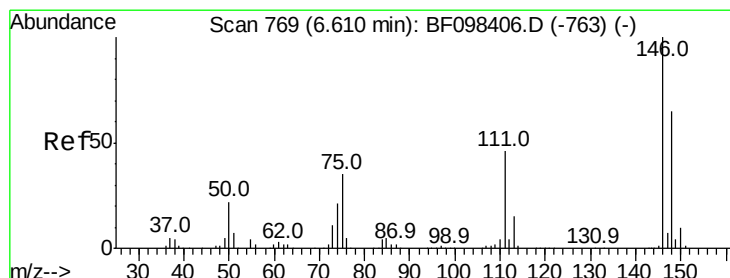
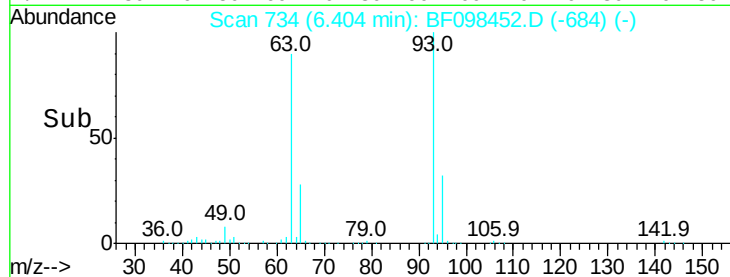
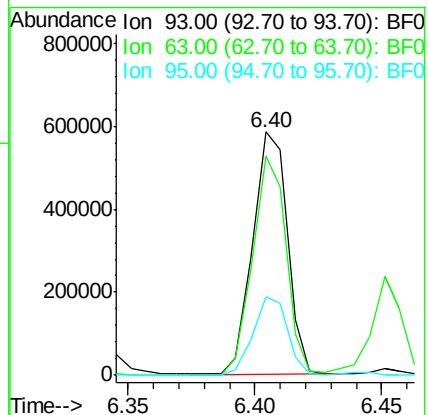
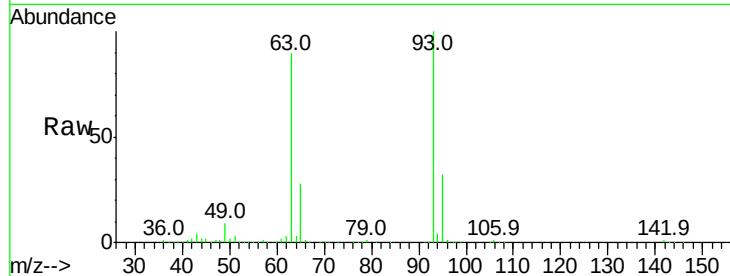
Tot Ion: 93 Resp: 558591

Ion Ratio Lower Upper

93 100

63 90.0 59.2 99.2

95 32.2 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 34.559 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

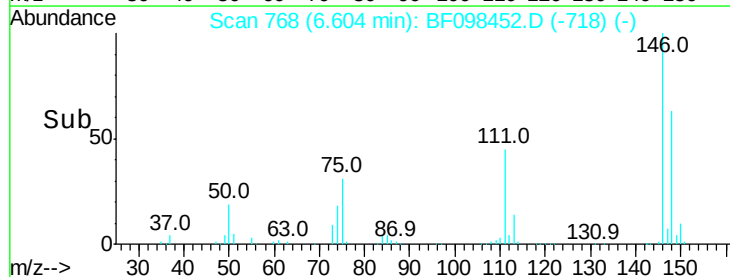
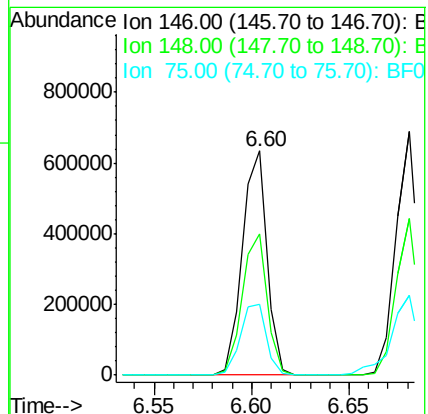
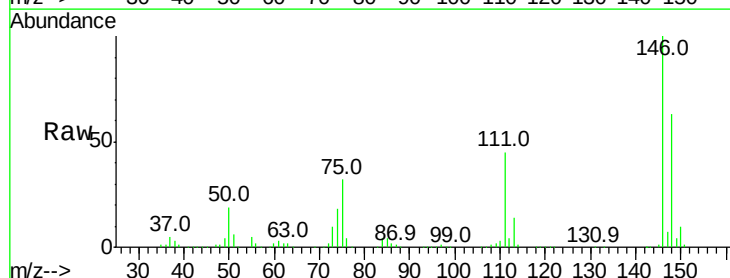
Tgt Ion: 146 Resp: 556469

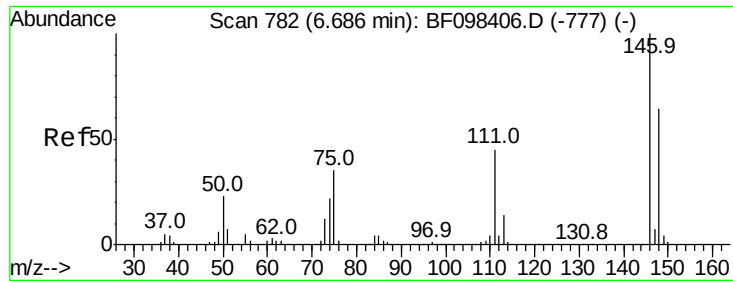
Ion Ratio Lower Upper

146 100

148 63.0 51.8 77.6

75 31.6 23.1 34.7

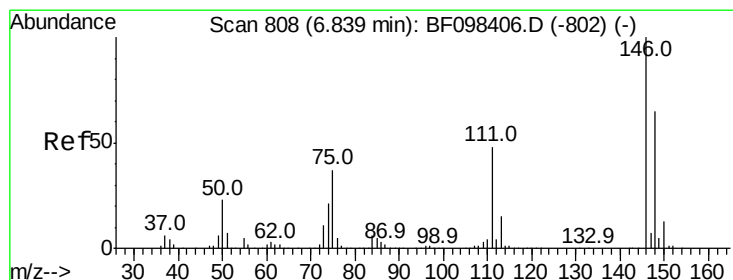
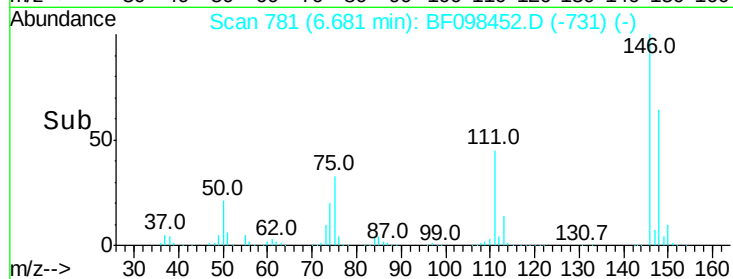
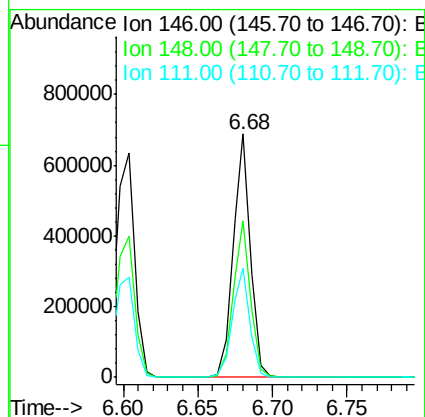
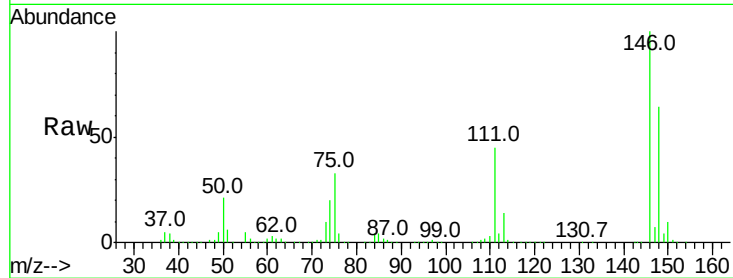




#13
 1,4-Dichlorobenzene
 Concen: 33.977 ng
 RT: 6.68 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF098452.D
 Acq: 12 Sep 2017 16:07

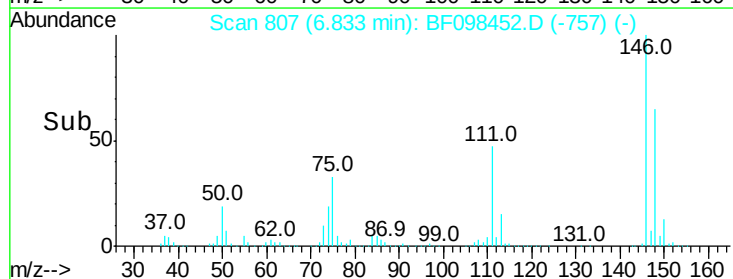
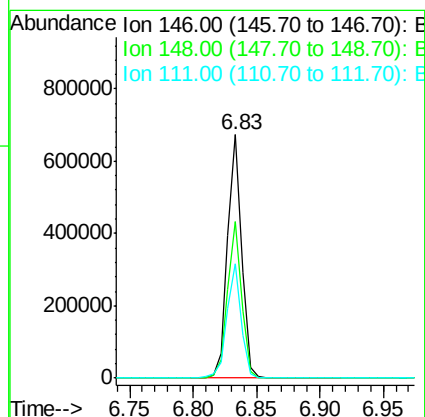
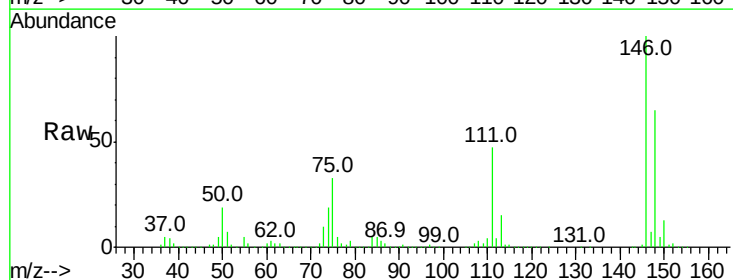
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-011-AMSD

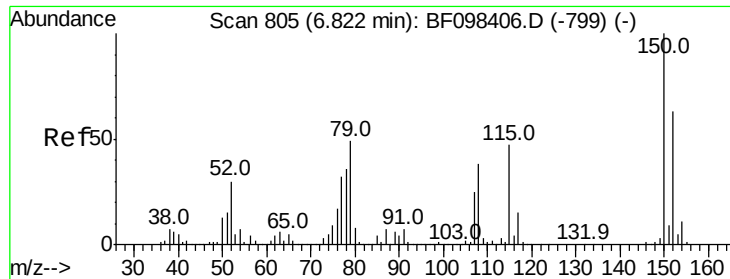
Tot Ion:146 Resp: 560410
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.2 78.2
 111 44.8 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 34.684 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF098452.D
 Acq: 12 Sep 2017 16:07

Tgt Ion:146 Resp: 521180
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.4 75.6
 111 46.8 38.2 57.4

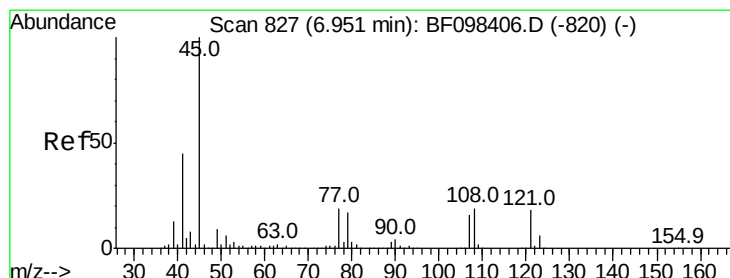
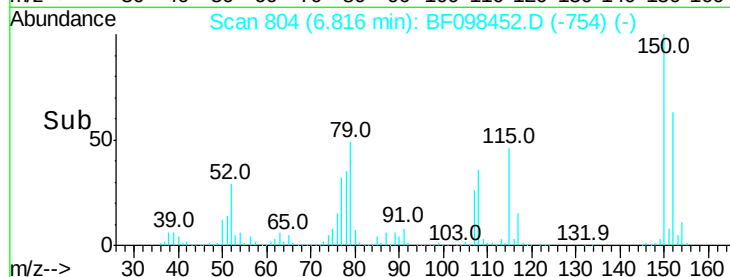
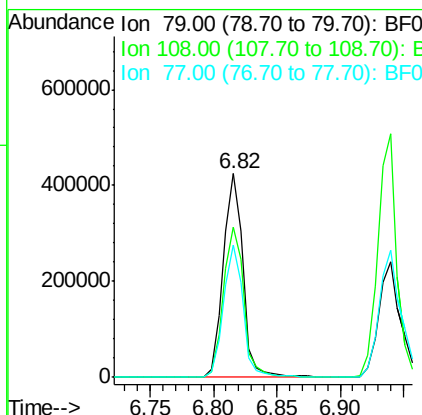
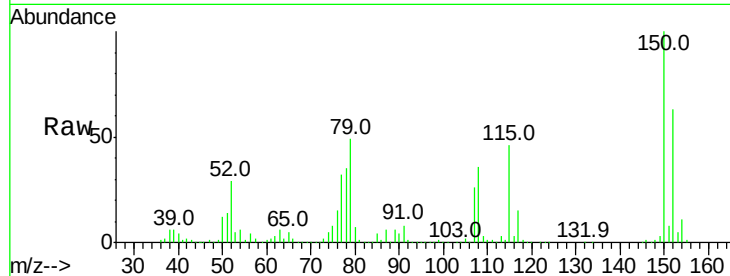




#15
Benzyl Alcohol
Concen: 37.512 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF098452.D
Acq: 12 Sep 2017 16:07

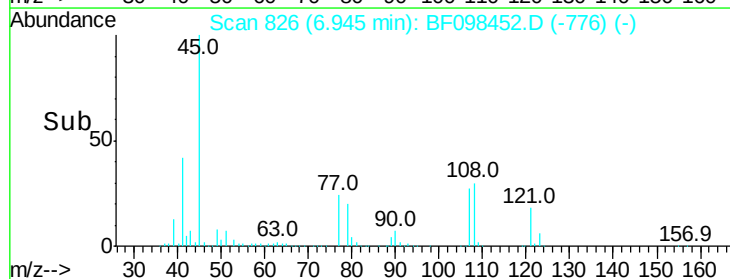
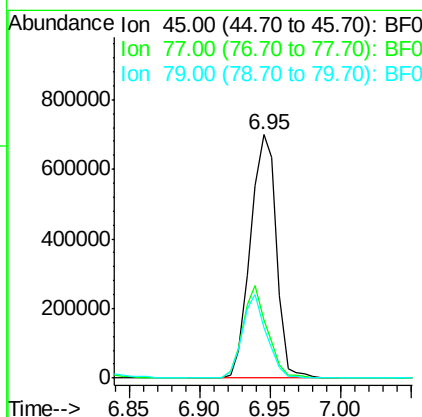
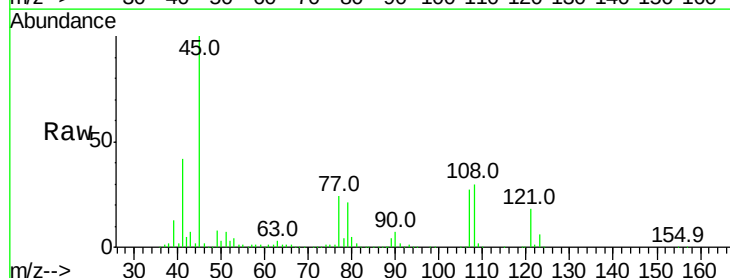
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-011-AMSD

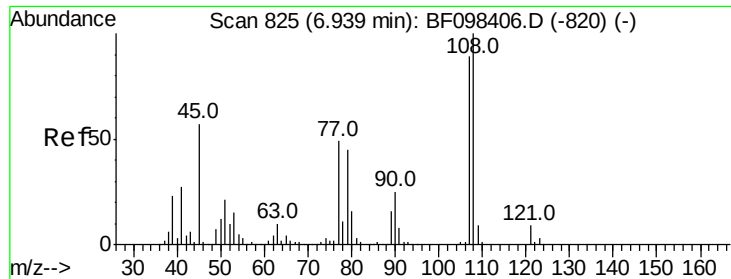
Tot Ion: 79 Resp: 461151
Ion Ratio Lower Upper
79 100
108 74.0 63.4 95.0
77 64.7 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.934 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.01 min
Lab File: BF098452.D
Acq: 12 Sep 2017 16:07

Tgt Ion: 45 Resp: 903198
Ion Ratio Lower Upper
45 100
77 24.0 0.0 33.2
79 20.6 0.0 30.0

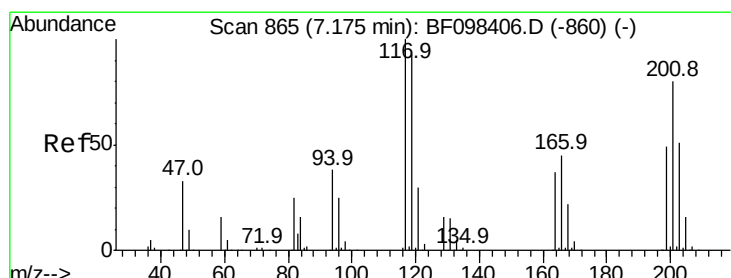
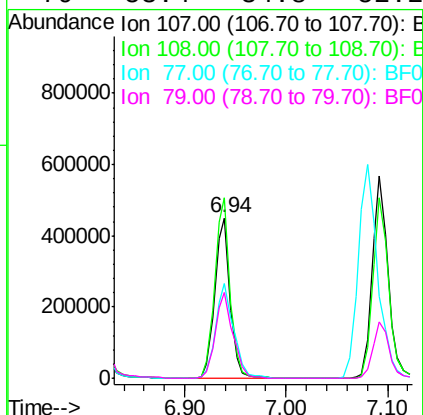
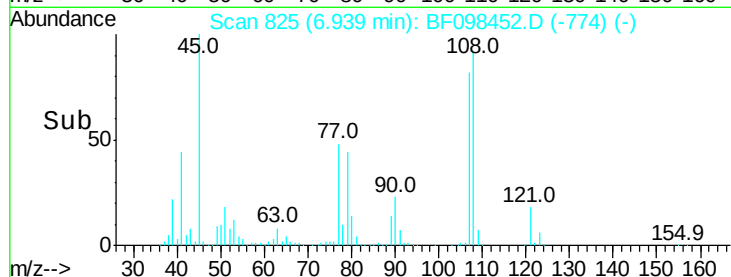
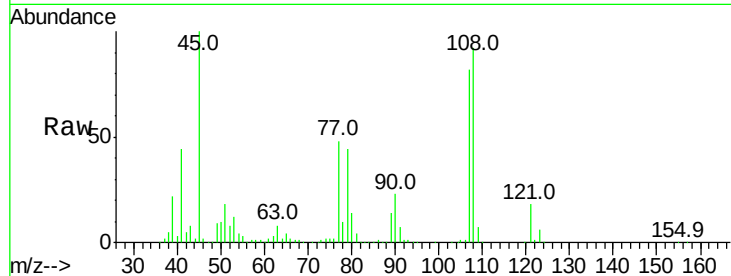




#17
2-Methylphenol
Concen: 36.389 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF098452.D
Acq: 12 Sep 2017 16:07

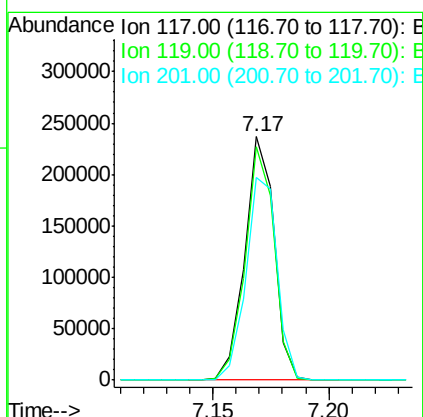
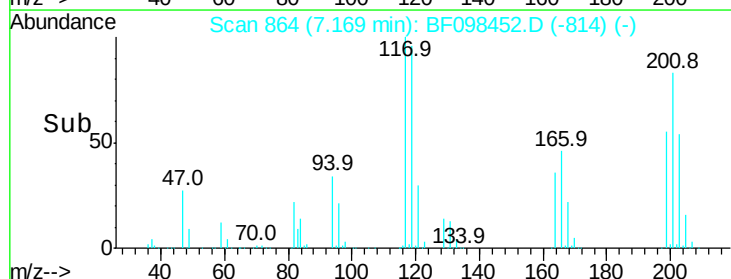
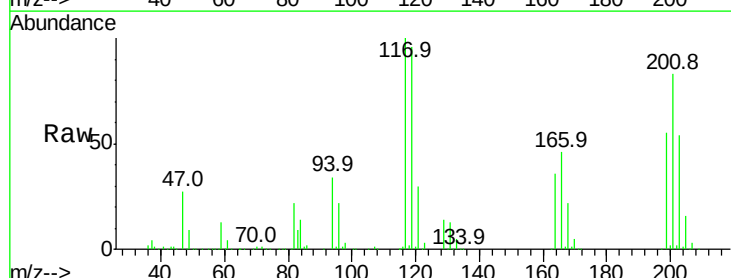
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-011-AMSD

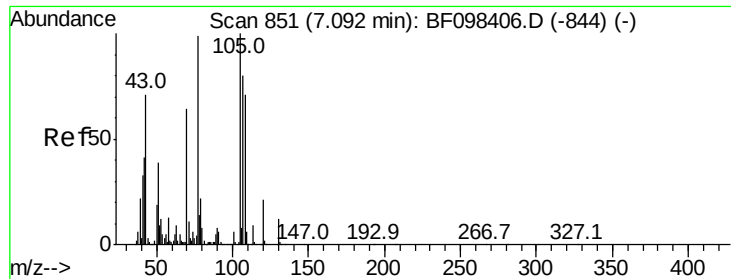
Tot Ion:107 Resp: 474697
Ion Ratio Lower Upper
107 100
108 112.6 93.4 140.0
77 58.8 35.8 53.6#
79 53.4 34.8 52.2#



#18
Hexachloroethane
Concen: 33.367 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF098452.D
Acq: 12 Sep 2017 16:07

Tgt Ion:117 Resp: 210763
Ion Ratio Lower Upper
117 100
119 95.9 77.4 116.0
201 83.5 94.6 141.8#

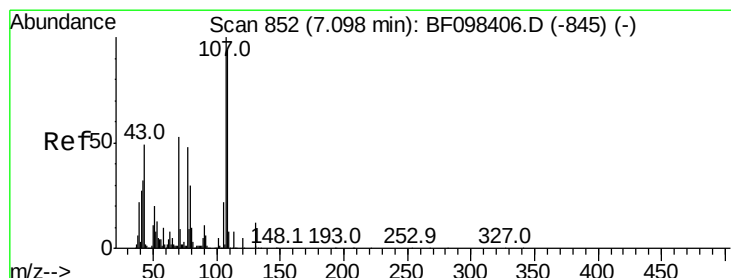
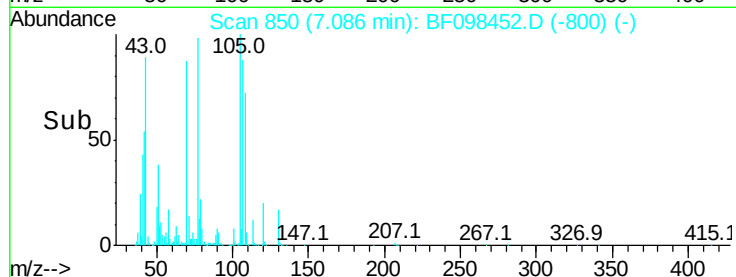
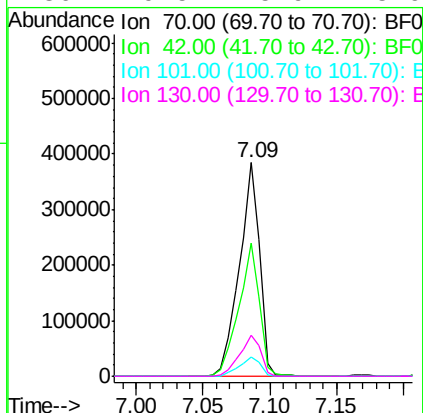
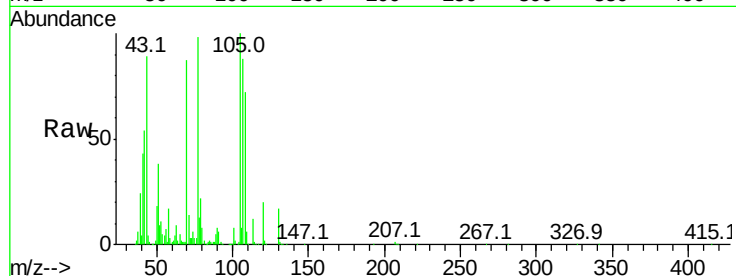




#19
n-Nitroso-di-n-propylamine
Concen: 35.014 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF098452.D
Acq: 12 Sep 2017 16:07

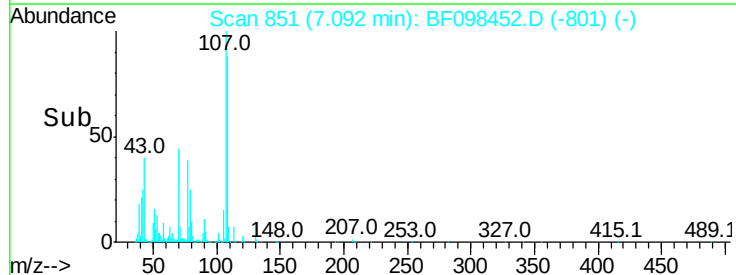
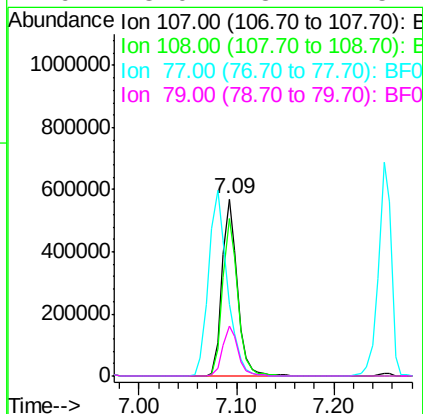
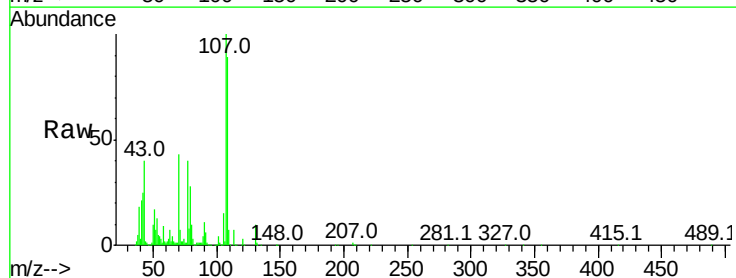
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-011-AMSD

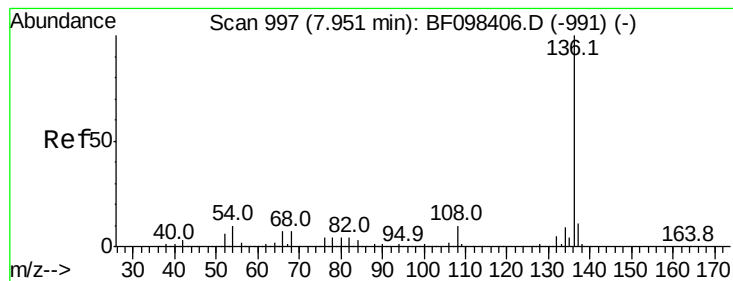
Tot Ion: 70 Resp: 406831
Ion Ratio Lower Upper
70 100
42 62.5 47.2 70.8
101 9.1 7.2 10.8
130 19.5 15.9 23.9



#20
3+4-Methylphenols
Concen: 37.579 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF098452.D
Acq: 12 Sep 2017 16:07

Tgt Ion: 107 Resp: 618652
Ion Ratio Lower Upper
107 100
108 88.9 71.0 111.0
77 40.4 90.5 130.5#
79 28.0 8.4 48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-011-AMSD

Tot Ion:136 Resp: 914049

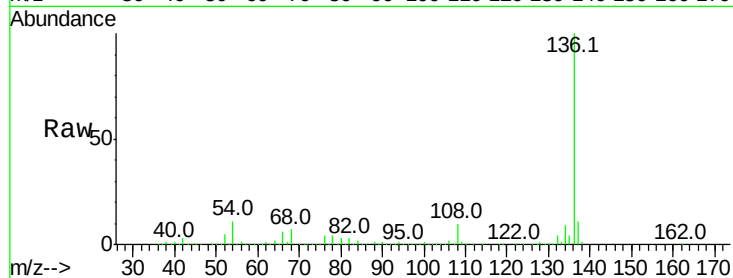
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 10.6 4.9 7.3#

68 7.2 4.1 6.1#

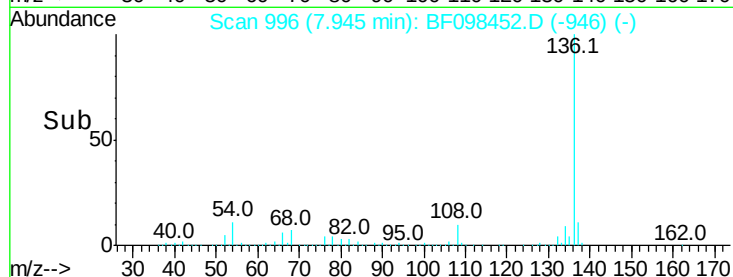


Abundance Ion 136.00 (135.70 to 136.70): E

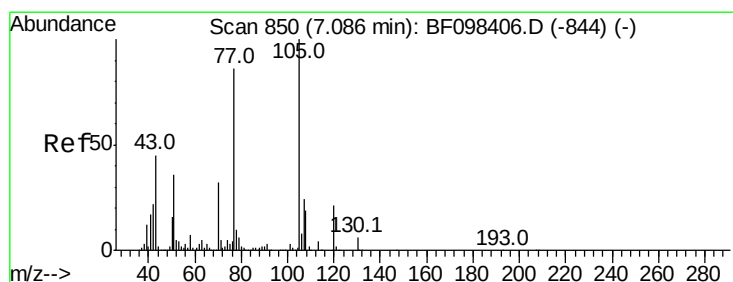
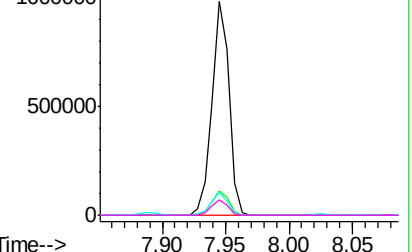
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 34.138 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

Tgt Ion:105 Resp: 806475

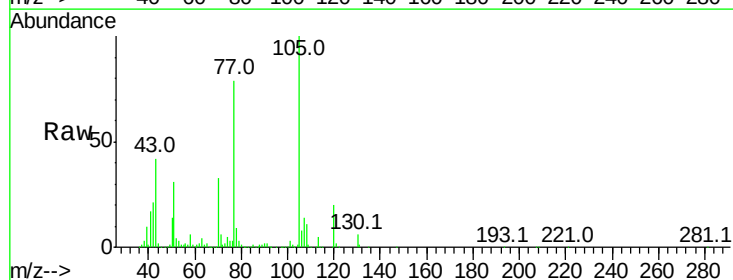
Ion Ratio Lower Upper

105 100

71 5.7 2.8 4.2#

51 31.1 30.7 46.1

120 20.4 17.4 26.0

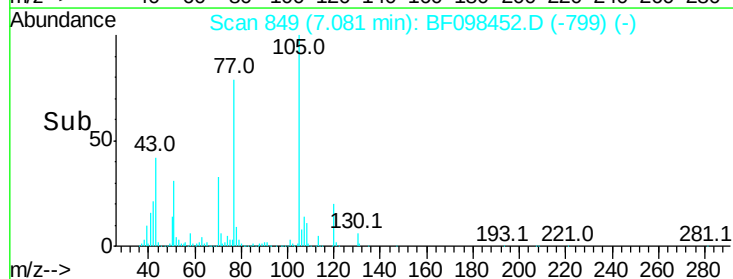


Abundance Ion 105.00 (104.70 to 105.70): E

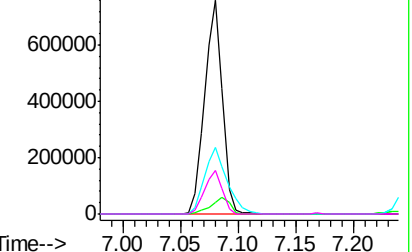
Ion 71.00 (70.70 to 71.70): BF0

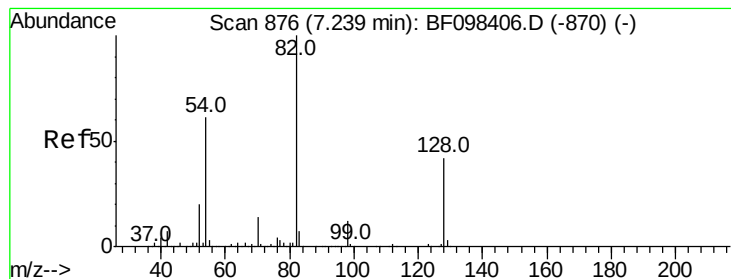
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->





#23

Nitrobenzene-d5

Concen: 72.793 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-011-AMSD

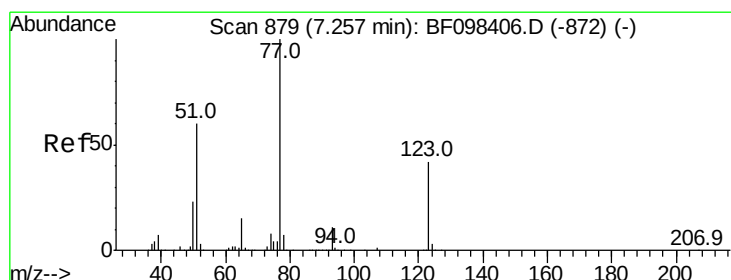
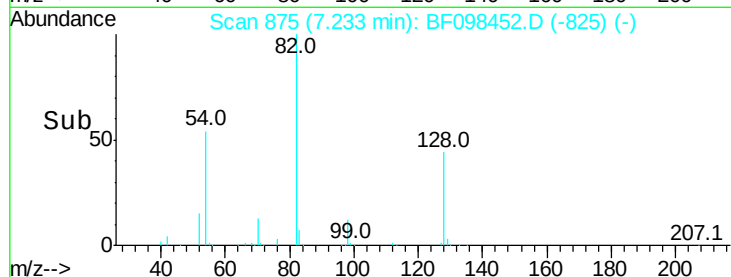
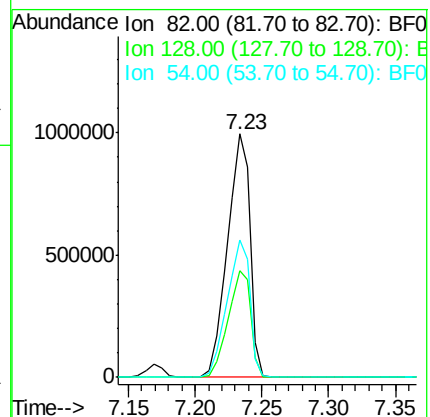
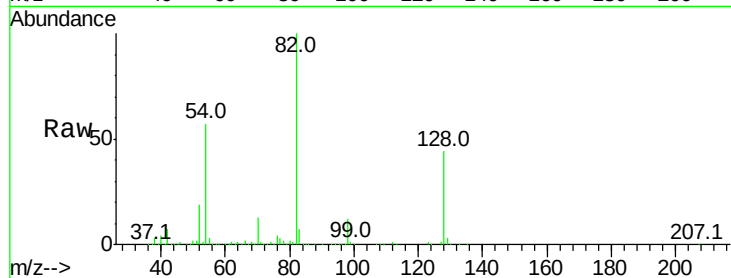
Tot Ion: 82 Resp: 1193484

Ion Ratio Lower Upper

82 100

128 43.7 34.0 51.0

54 56.5 42.2 63.2



#24

Nitrobenzene

Concen: 33.431 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

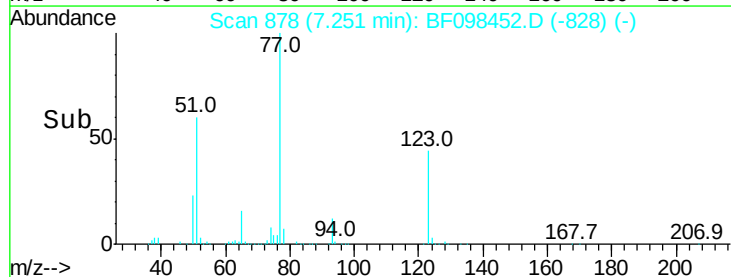
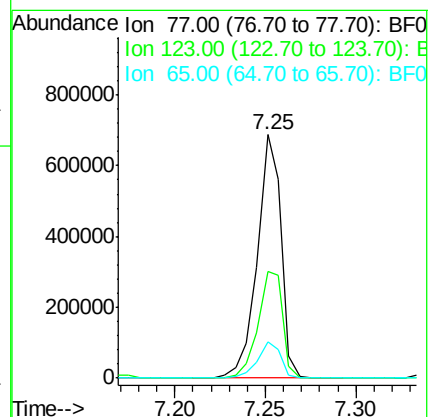
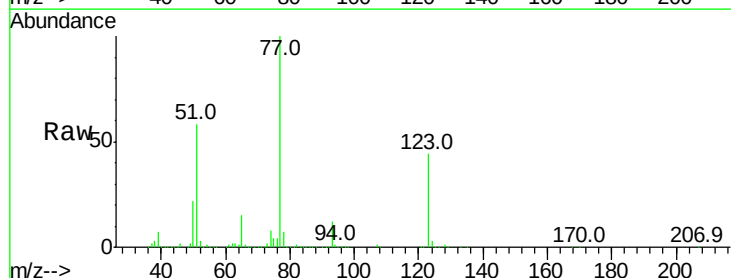
Tgt Ion: 77 Resp: 624350

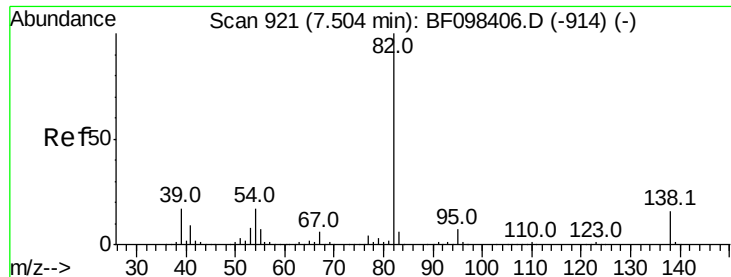
Ion Ratio Lower Upper

77 100

123 43.6 35.8 53.8

65 14.9 10.6 15.8





#25

Isophorone

Concen: 33.536 ng

RT: 7.49 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-011-AMSD

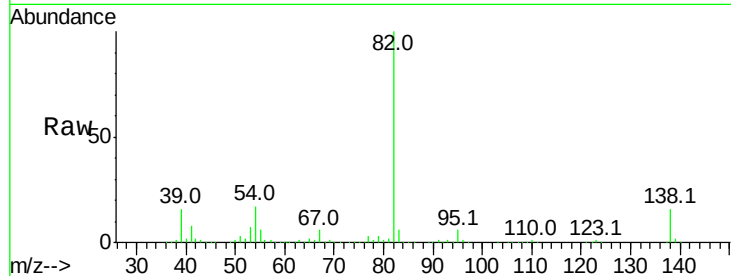
Tot Ion: 82 Resp: 1112467

Ion Ratio Lower Upper

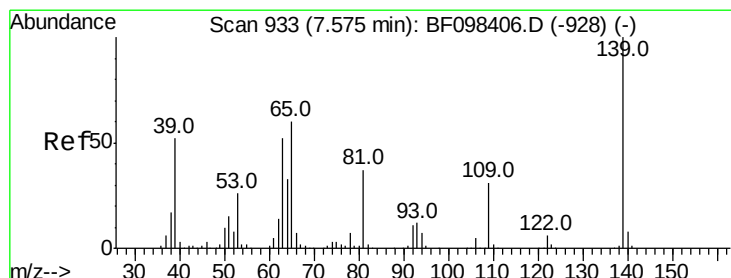
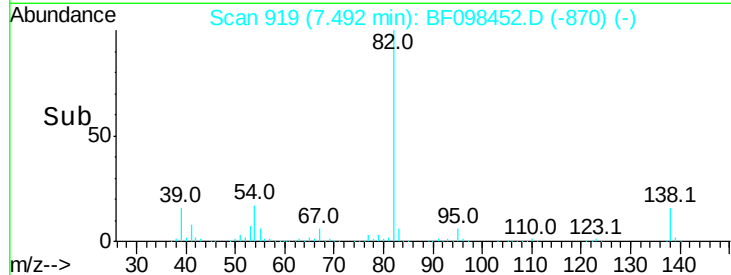
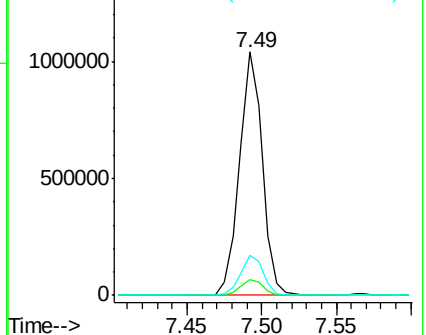
82 100

95 6.5 5.3 7.9

138 16.3 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 39.036 ng

RT: 7.57 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

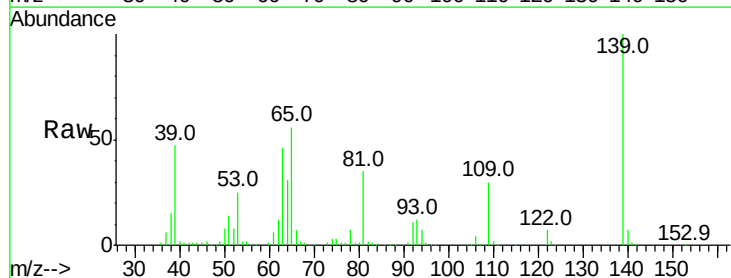
Tgt Ion:139 Resp: 294352

Ion Ratio Lower Upper

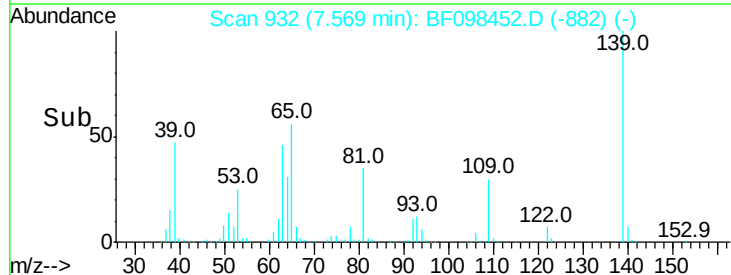
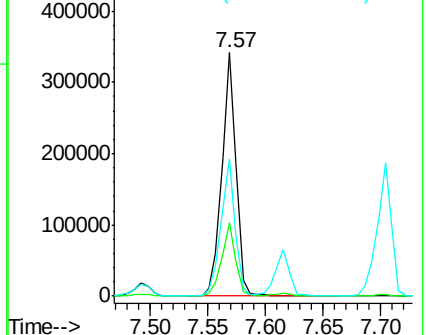
139 100

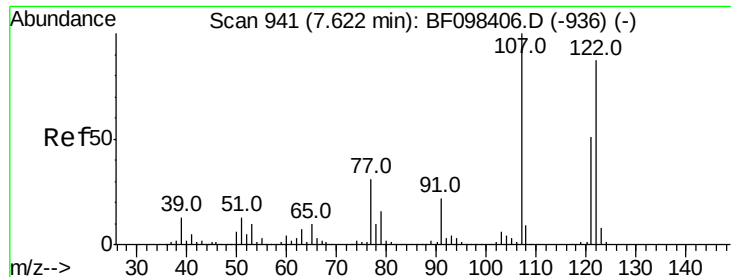
109 30.0 21.0 31.6

65 56.2 33.0 49.6#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

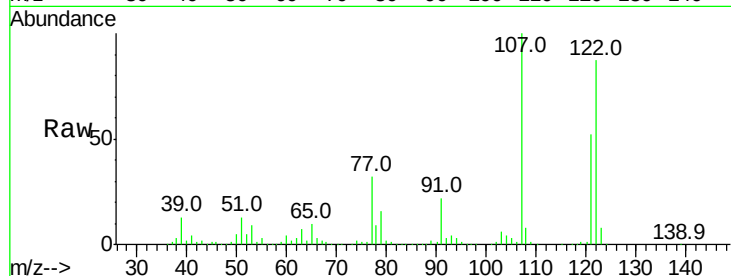




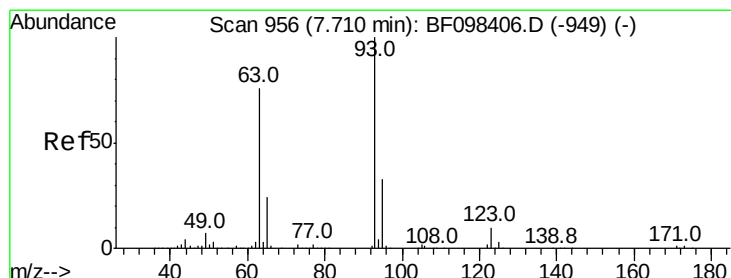
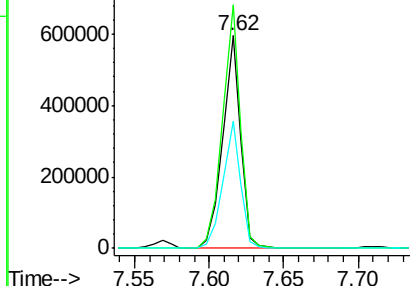
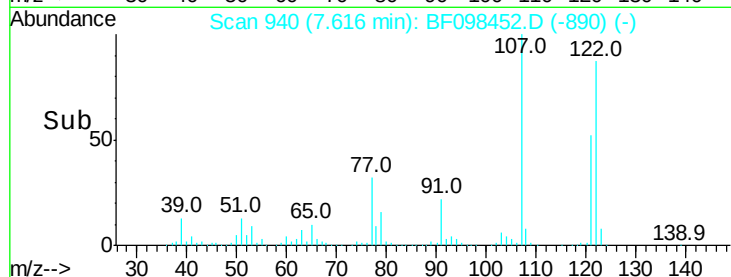
#27
 2,4-Dimethylphenol
 Concen: 35.189 ng
 RT: 7.62 min Scan# 940
 Delta R.T. -0.01 min
 Lab File: BF098452.D
 Acq: 12 Sep 2017 16:07

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-011-AMSD

Tot Ion:122 Resp: 505824
 Ion Ratio Lower Upper
 122 100
 107 114.4 89.2 133.8
 121 59.7 45.2 67.8

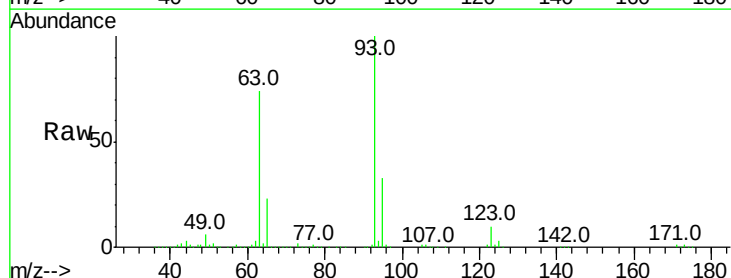


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

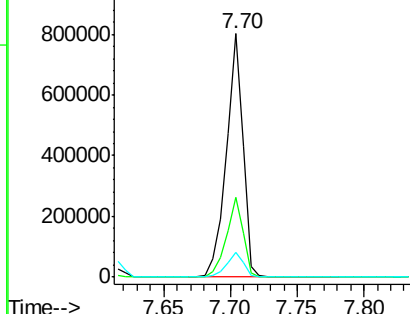
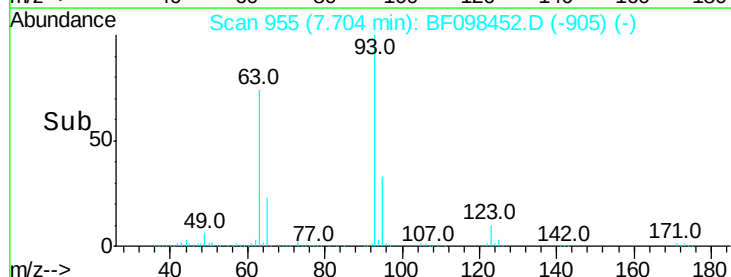


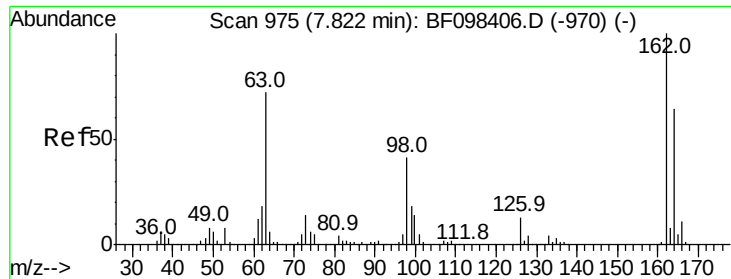
#28
 bis(2-Chloroethoxy)methane
 Concen: 35.116 ng
 RT: 7.70 min Scan# 955
 Delta R.T. -0.01 min
 Lab File: BF098452.D
 Acq: 12 Sep 2017 16:07

Tgt Ion: 93 Resp: 710811
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.5 39.7
 123 10.3 9.0 13.4



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

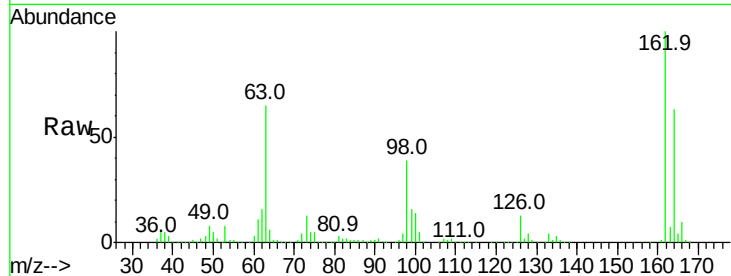




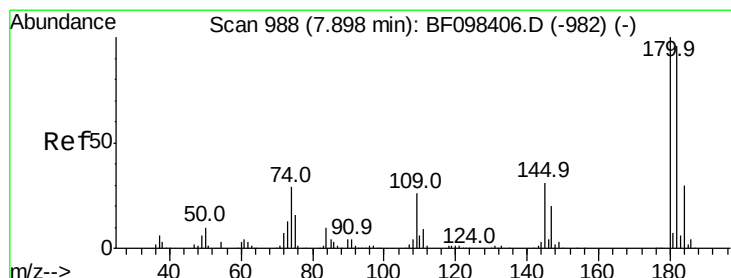
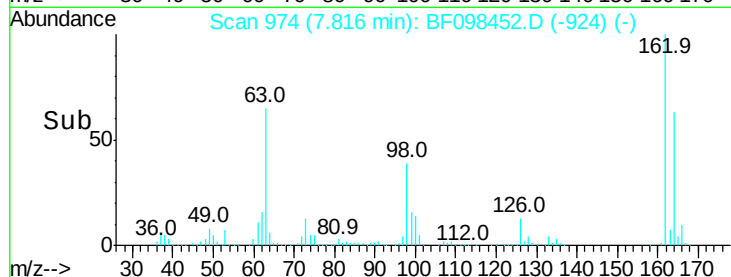
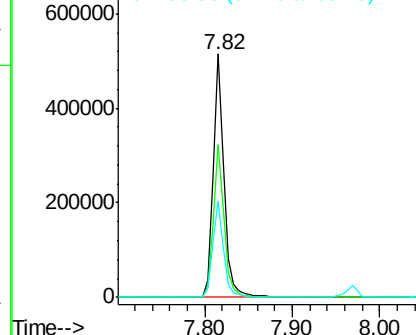
#29
 2,4-Dichlorophenol
 Concen: 36.959 ng
 RT: 7.82 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: BF098452.D
 Acq: 12 Sep 2017 16:07

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-011-AMSD

Tot Ion:162 Resp: 441838
 Ion Ratio Lower Upper
 162 100
 164 62.6 44.6 84.6
 98 39.4 14.8 54.8

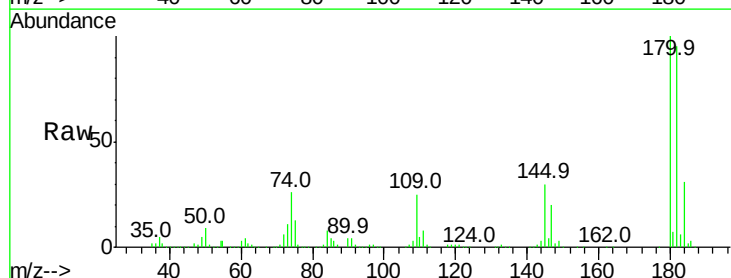


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

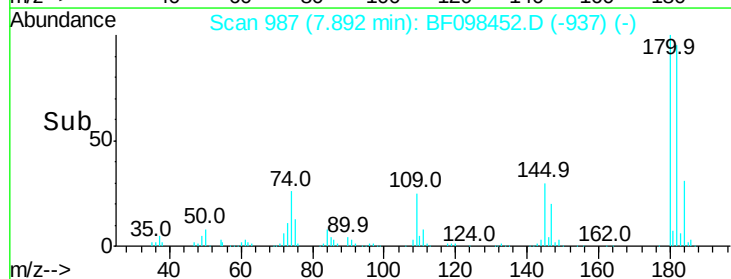
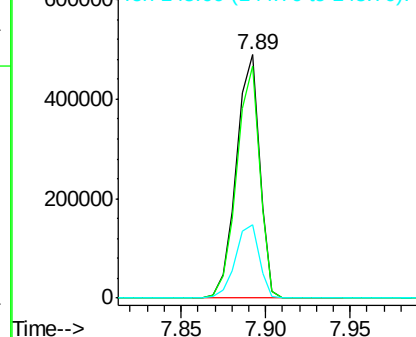


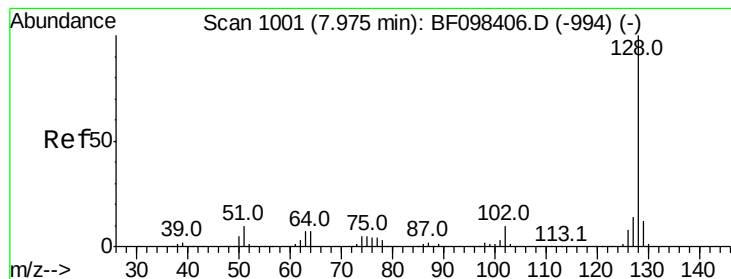
#30
 1,2,4-Trichlorobenzene
 Concen: 36.017 ng
 RT: 7.89 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BF098452.D
 Acq: 12 Sep 2017 16:07

Tgt Ion:180 Resp: 468385
 Ion Ratio Lower Upper
 180 100
 182 95.1 75.8 113.6
 145 30.4 25.3 37.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 34.984 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-011-AMSD

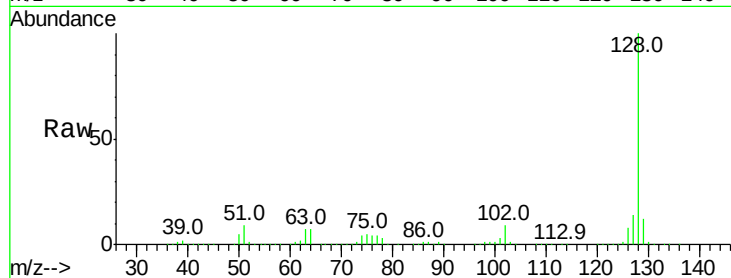
Tot Ion:128 Resp: 1580802

Ion Ratio Lower Upper

128 100

129 11.5 9.0 13.6

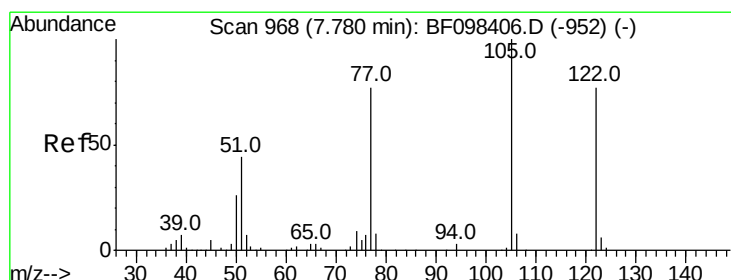
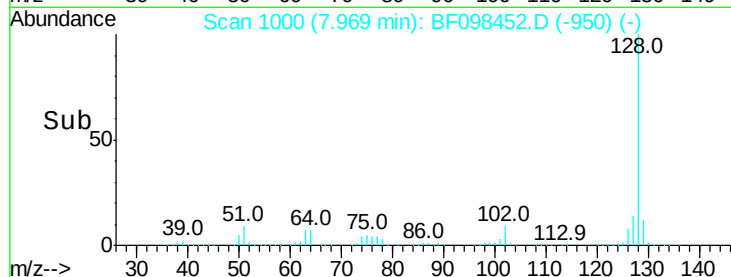
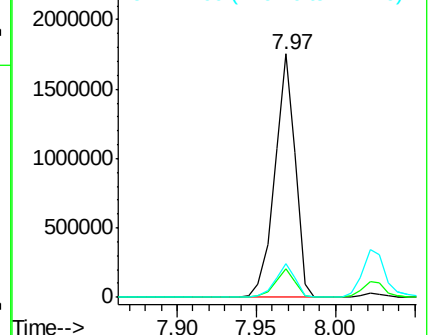
127 13.7 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 51.717 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.16 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

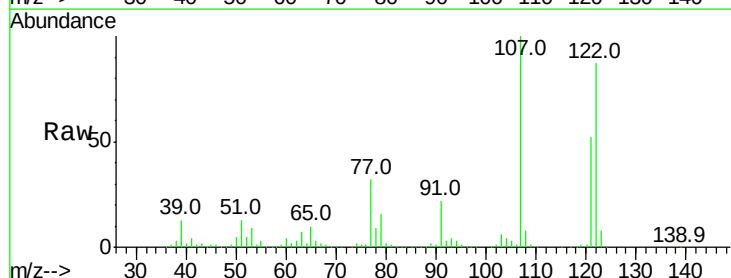
Tgt Ion:122 Resp: 505824

Ion Ratio Lower Upper

122 100

105 3.8 103.3 143.3#

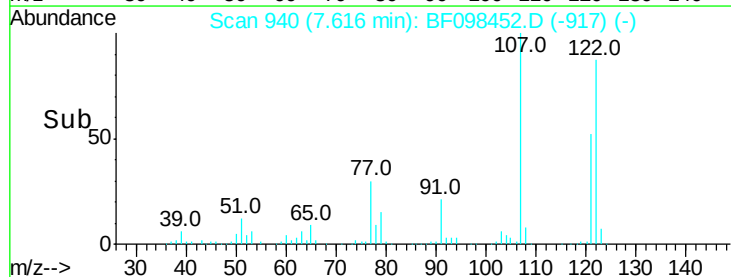
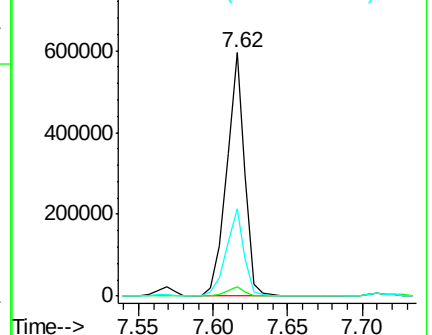
77 36.1 73.7 113.7#

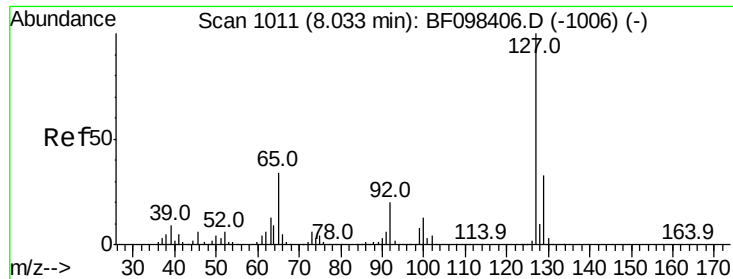


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

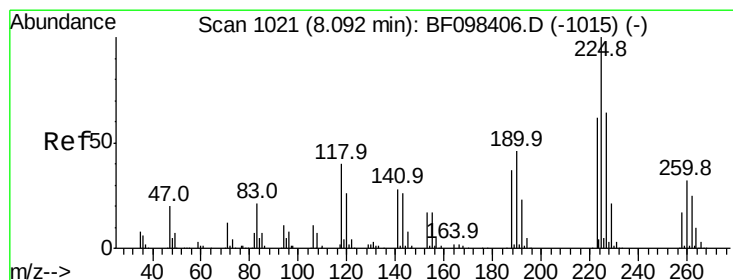
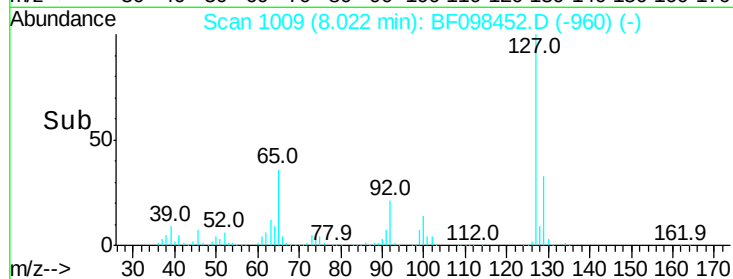
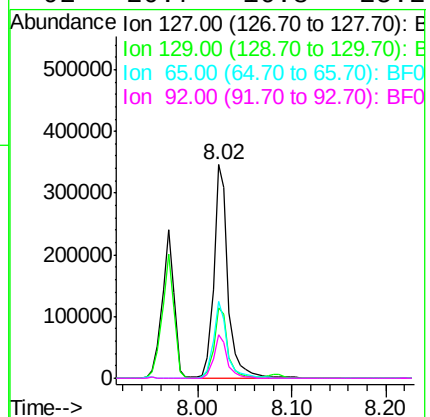
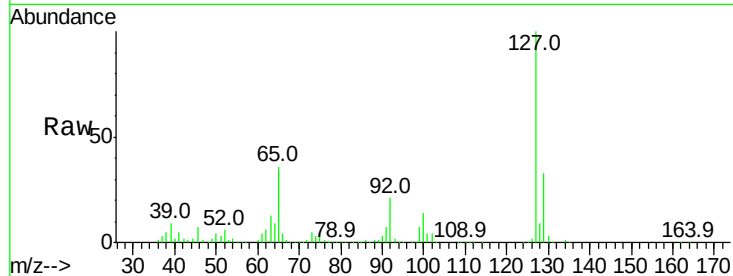




#33
4-Chloroaniline
Concen: 20.146 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF098452.D
Acq: 12 Sep 2017 16:07

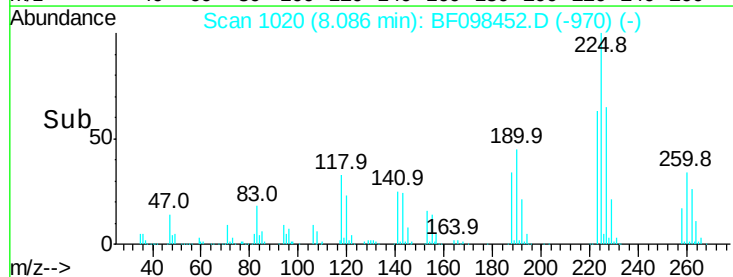
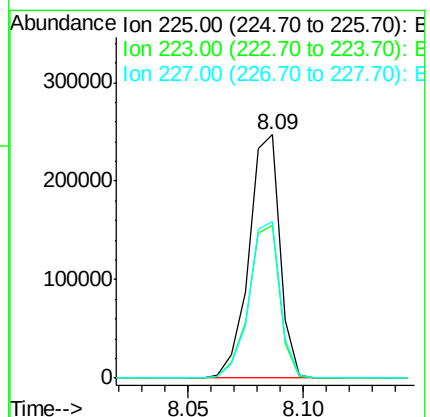
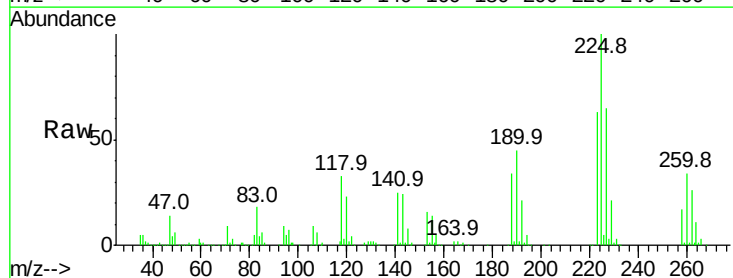
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-011-AMSD

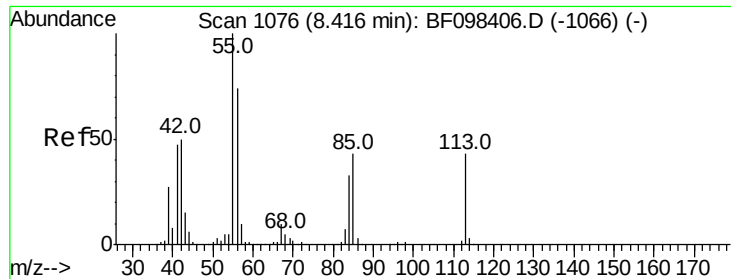
Tot Ion:	127	Resp:	369977
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.2	39.2
65	36.0	27.8	41.8
92	20.7	16.8	25.2



#34
Hexachlorobutadiene
Concen: 34.786 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF098452.D
Acq: 12 Sep 2017 16:07

Tgt Ion:	225	Resp:	232236
Ion	Ratio	Lower	Upper
225	100		
223	62.9	48.8	73.2
227	64.6	51.1	76.7





#35

Caprolactam

Concen: 18.078 ng

RT: 8.40 min Scan# 1073

Delta R.T. -0.02 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-011-AMSD

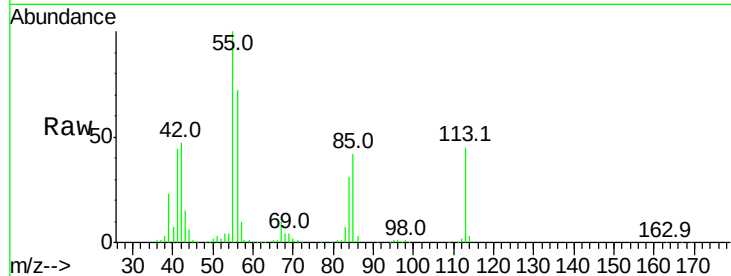
Tot Ion:113 Resp: 74526

Ion Ratio Lower Upper

113 100

55 224.0 150.2 190.2#

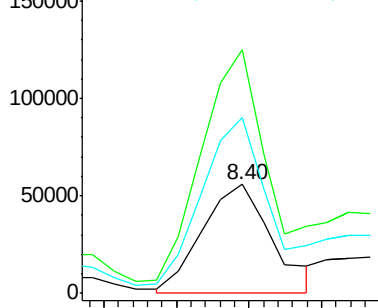
56 161.8 107.8 147.8#



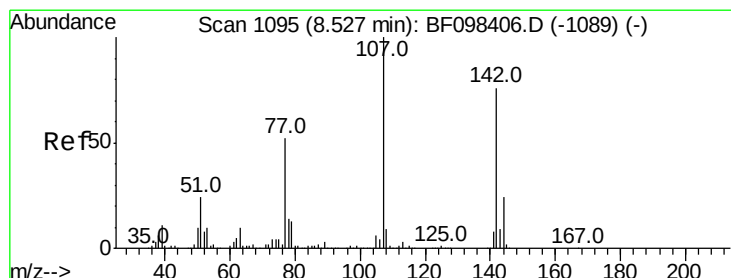
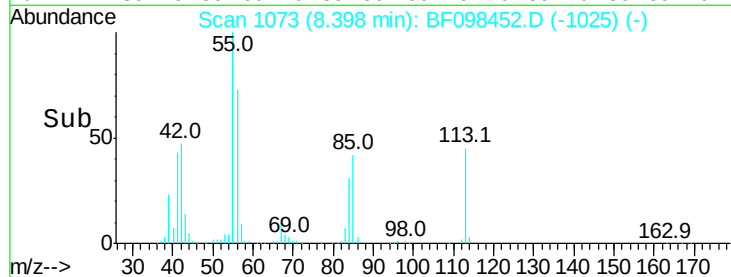
Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



Time-->



#36

4-Chloro-3-methylphenol

Concen: 34.123 ng

RT: 8.52 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

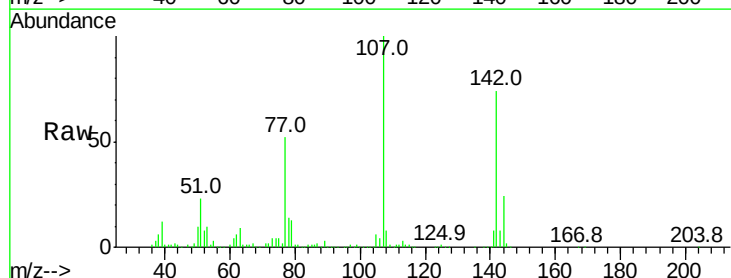
Tgt Ion:107 Resp: 505912

Ion Ratio Lower Upper

107 100

144 24.0 24.2 36.4#

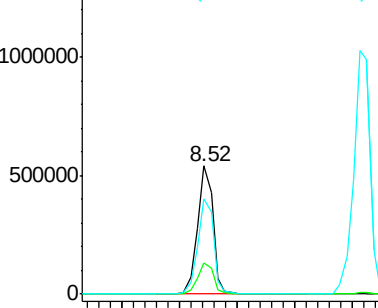
142 74.2 73.4 110.0



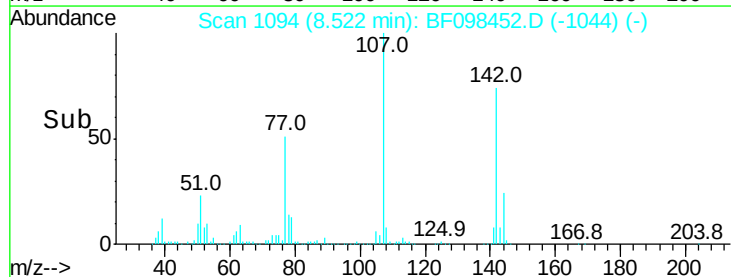
Abundance Ion 107.00 (106.70 to 107.70): E

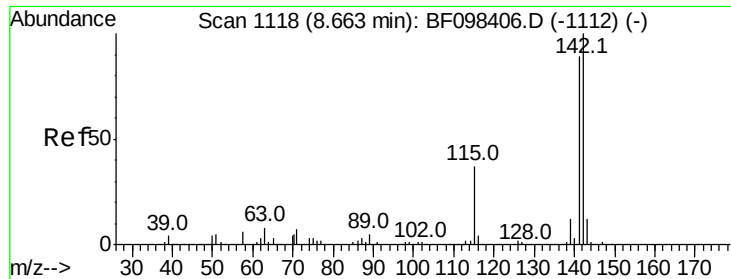
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



Time-->





#37

2-Methylnaphthalene

Concen: 37.538 ng

RT: 8.66 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-011-AMSD

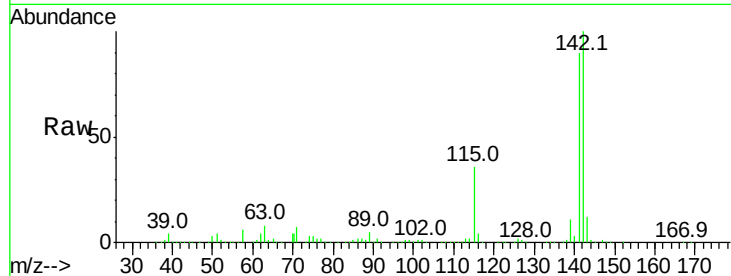
Tot Ion:142 Resp: 1027460

Ion Ratio Lower Upper

142 100

141 89.7 71.3 106.9

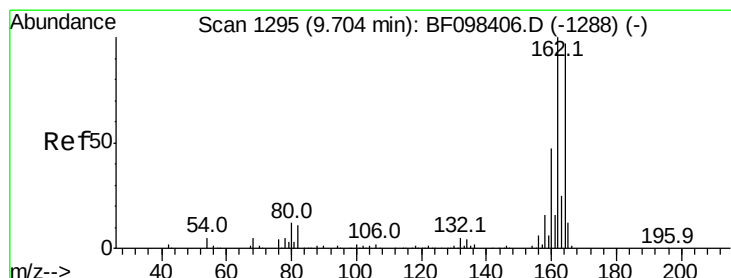
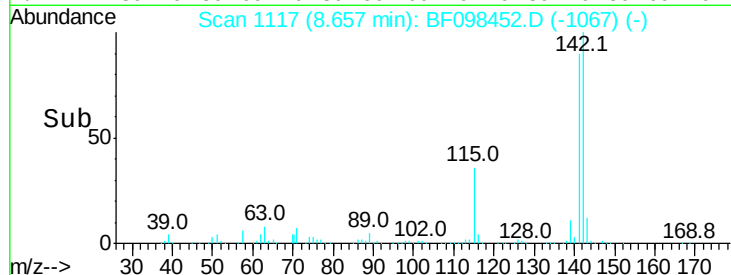
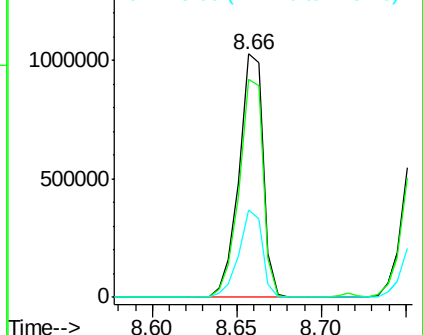
115 35.8 27.1 40.7



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: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

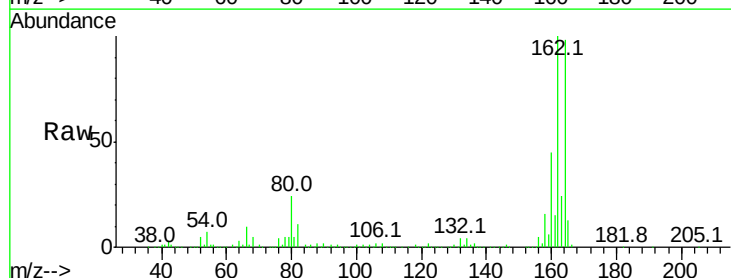
Tgt Ion:164 Resp: 399310

Ion Ratio Lower Upper

164 100

162 102.0 82.6 123.8

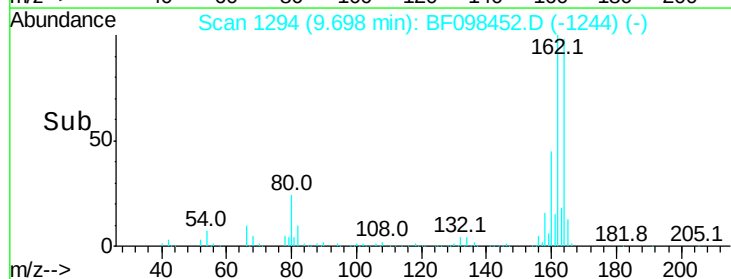
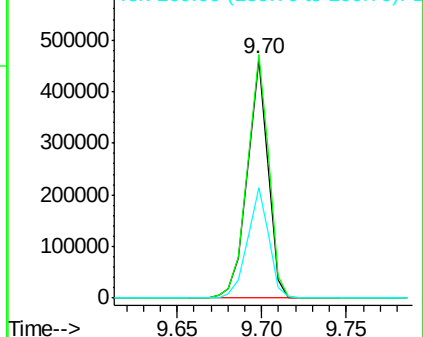
160 46.3 36.2 54.2

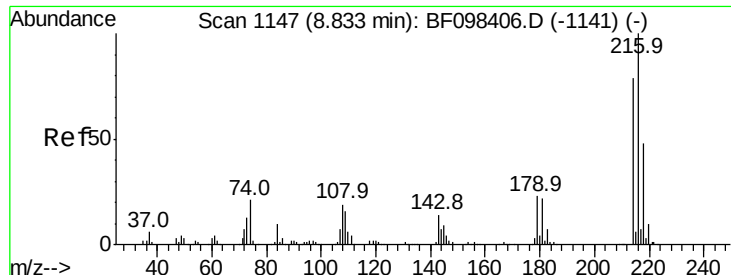


Abundance Ion 164.00 (163.70 to 164.70): E

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: 33.737 ng

RT: 8.83 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-011-AMSD

Tot Ion:216 Resp: 419628

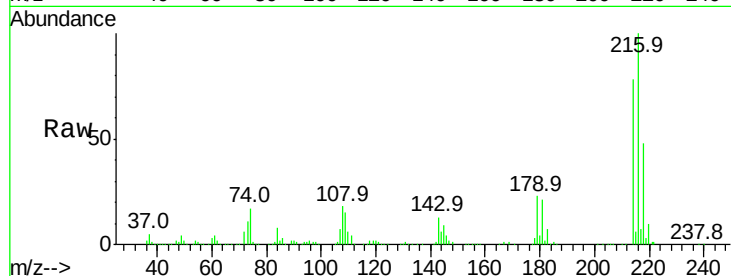
Ion Ratio Lower Upper

216 100

214 78.8 63.4 95.2

179 23.2 17.9 26.9

108 21.2 16.5 24.7

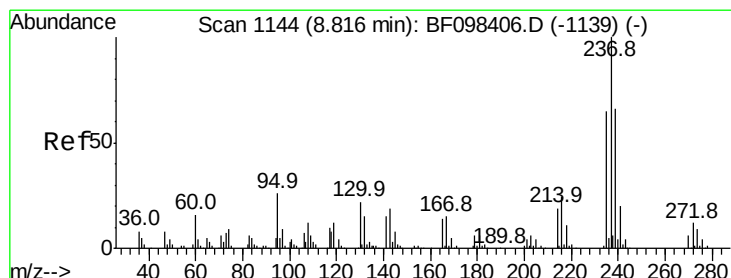
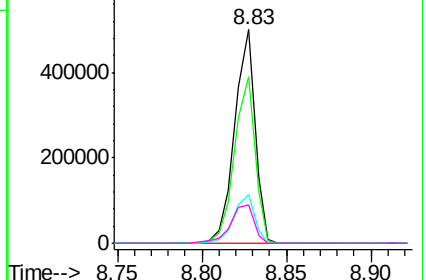
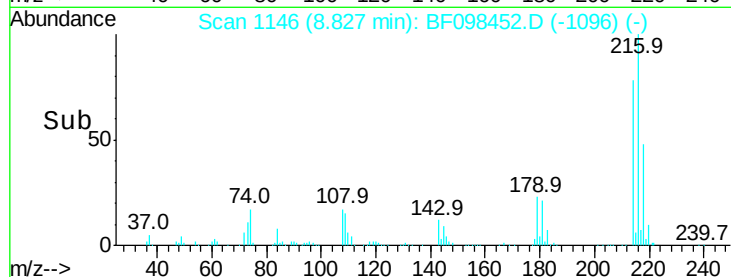


Abundance Ion 216.00 (215.70 to 216.70): E

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: 38.291 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

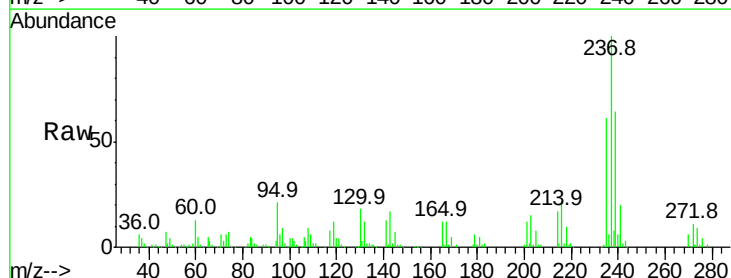
Tgt Ion:237 Resp: 118190

Ion Ratio Lower Upper

237 100

235 61.4 42.6 82.6

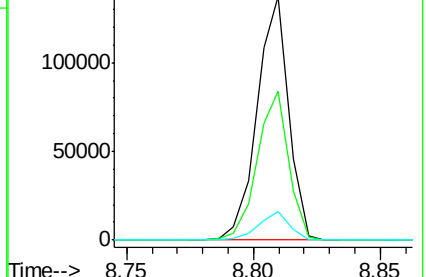
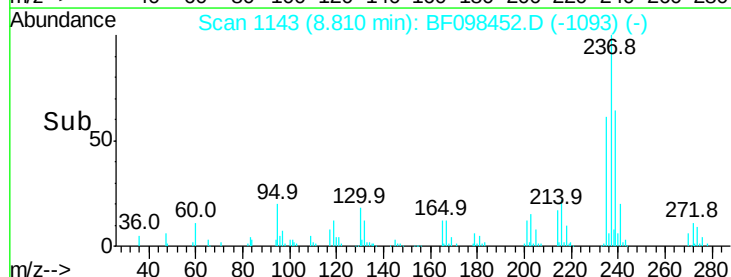
272 11.5 0.0 31.9

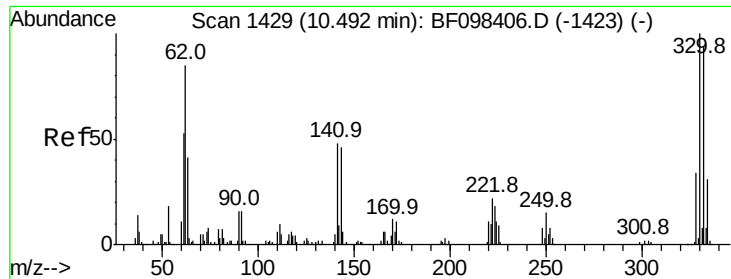


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

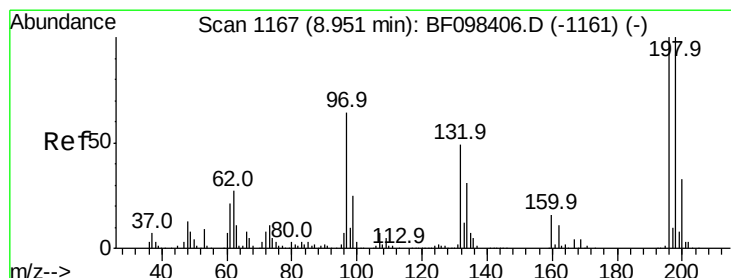
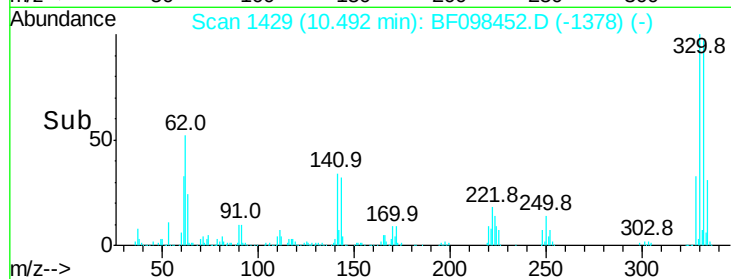
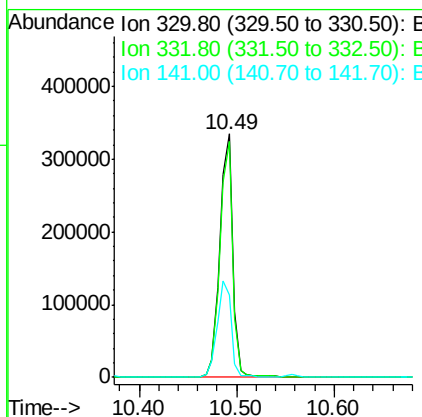
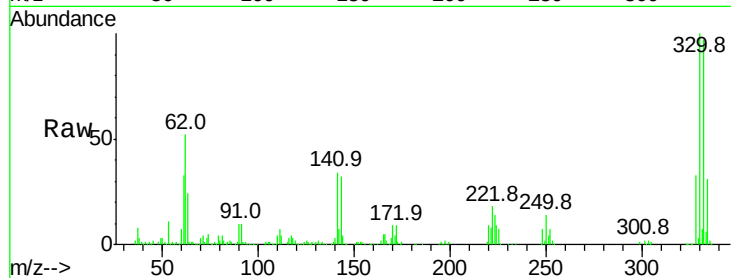




#41
 2,4,6-Tribromophenol
 Concen: 117.443 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF098452.D
 Acq: 12 Sep 2017 16:07

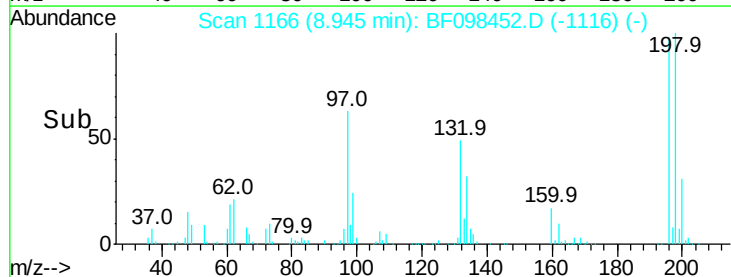
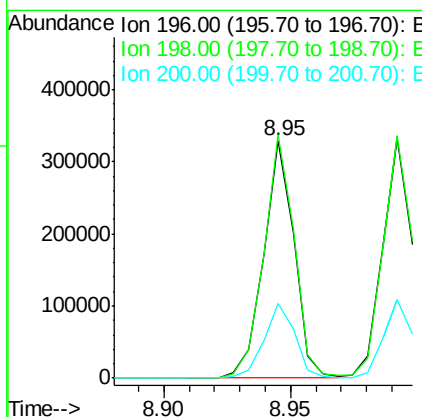
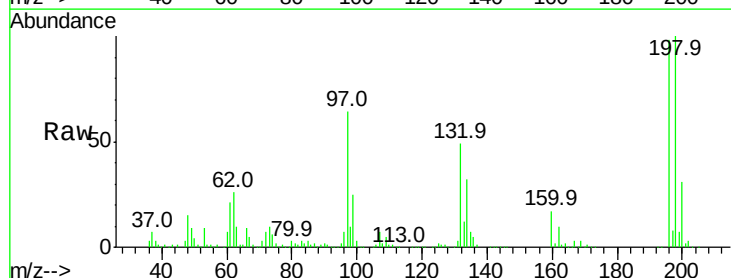
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-011-AMSD

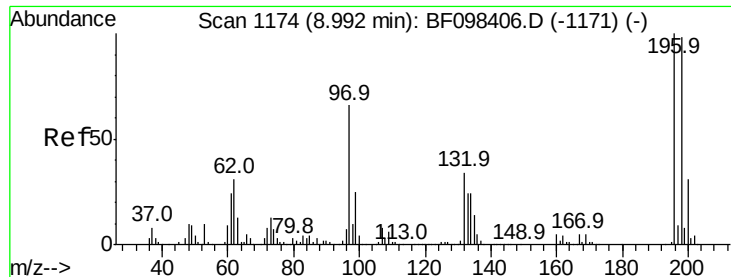
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	115.0
141	42.5	31.4	47.2



#42
 2,4,6-Trichlorophenol
 Concen: 38.111 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BF098452.D
 Acq: 12 Sep 2017 16:07

Tgt Ion	Ratio	Lower	Upper
196	100		
198	102.4	74.2	111.4
200	31.4	24.0	36.0

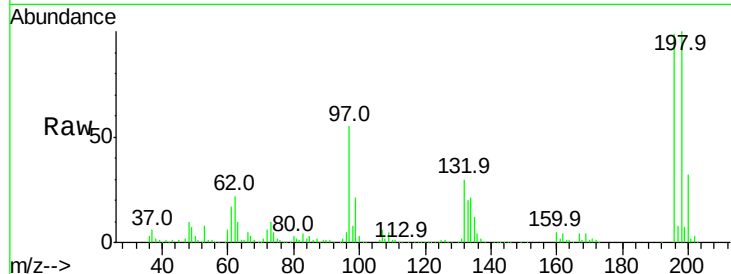




#43
 2,4,5-Trichlorophenol
 Concen: 37.909 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF098452.D
 Acq: 12 Sep 2017 16:07

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-011-AMSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	101.4	75.7	113.5
97	55.5	47.7	71.5
132	30.9	28.0	42.0



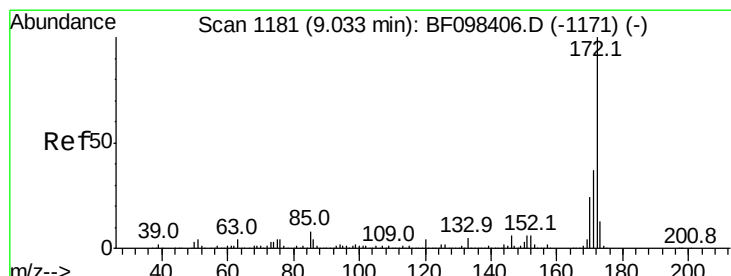
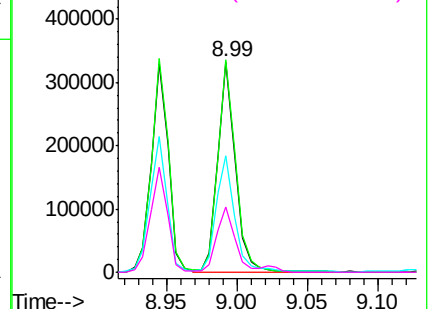
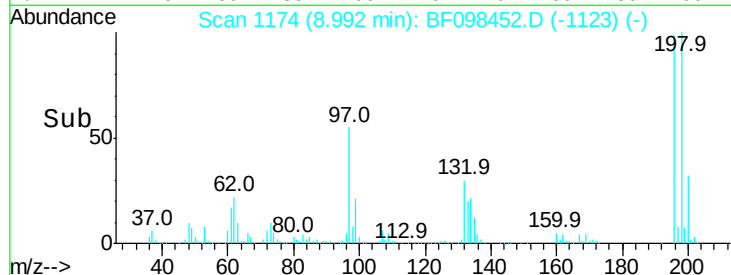
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

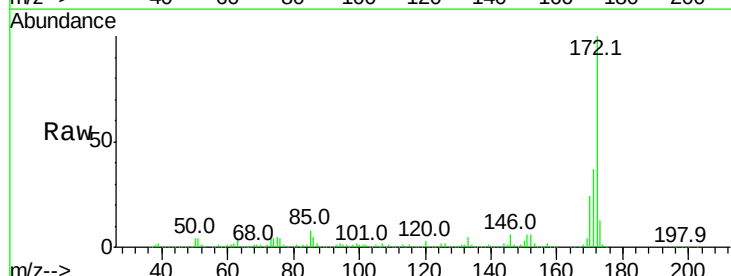
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 76.911 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF098452.D
 Acq: 12 Sep 2017 16:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.1	19.8	29.8

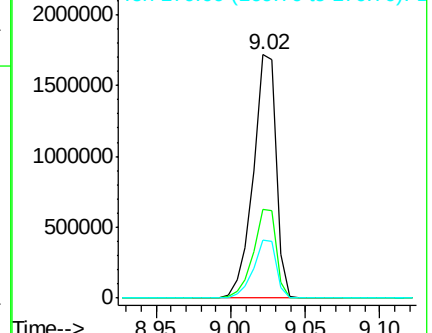
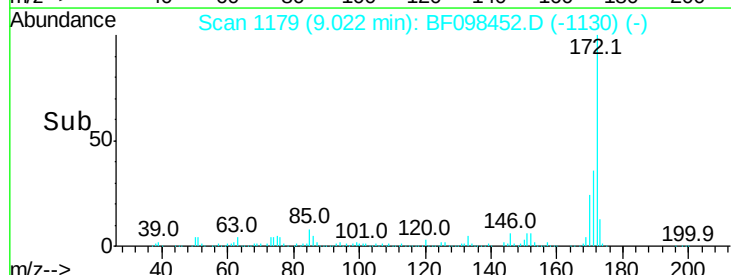


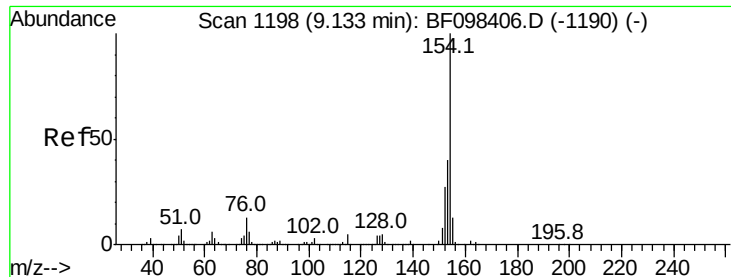
Abundance

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: 33.965 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-011-AMSD

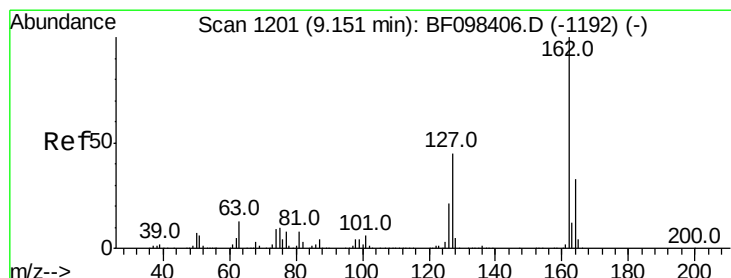
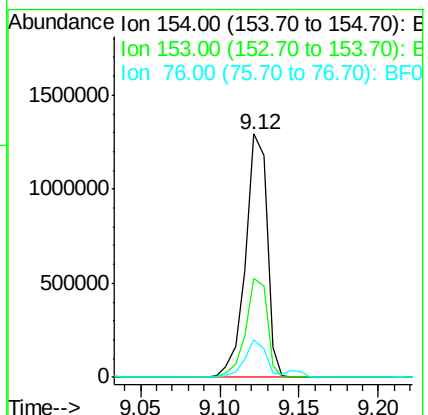
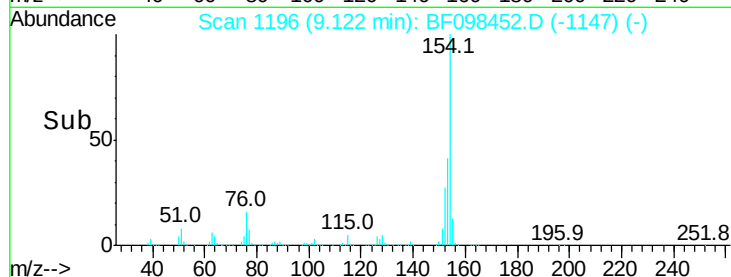
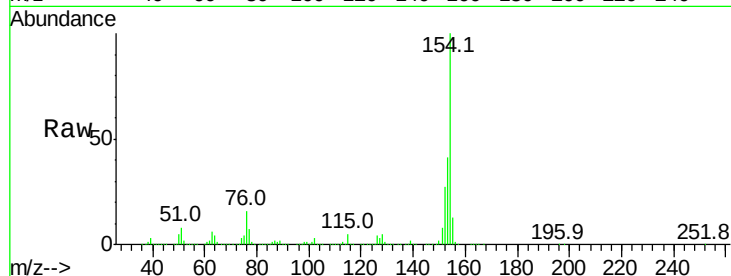
Tot Ion:154 Resp: 1213936

Ion Ratio Lower Upper

154 100

153 40.8 21.2 61.2

76 15.5 0.0 29.9



#46

2-Chloronaphthalene

Concen: 35.845 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

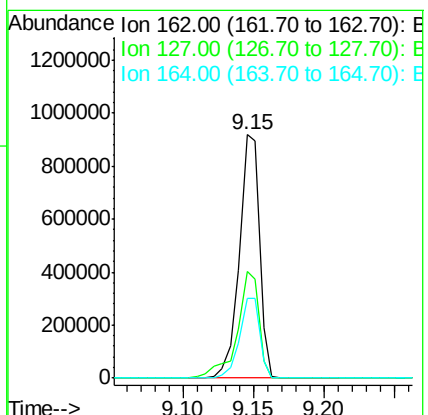
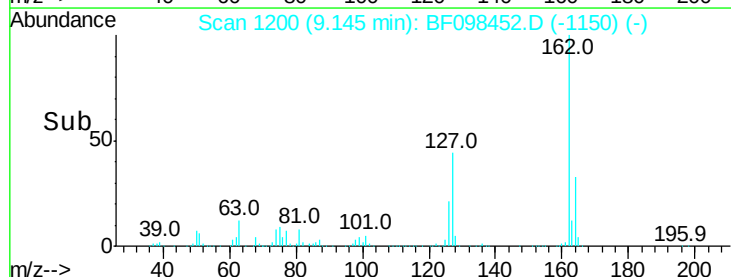
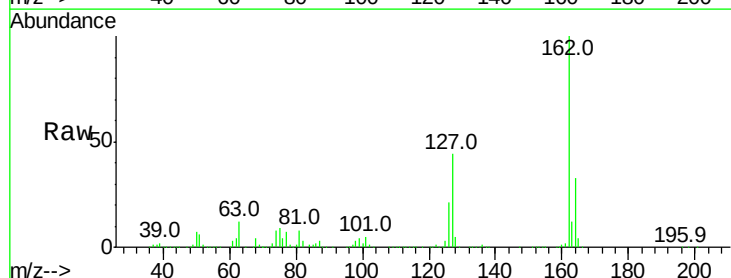
Tgt Ion:162 Resp: 914941

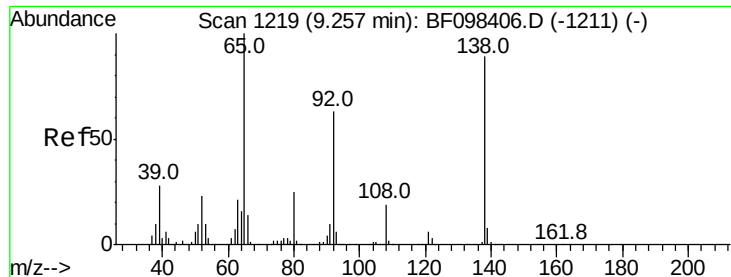
Ion Ratio Lower Upper

162 100

127 43.8 28.3 42.5#

164 32.7 27.0 40.4





#47

2-Nitroaniline

Concen: 36.183 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-011-AMSD

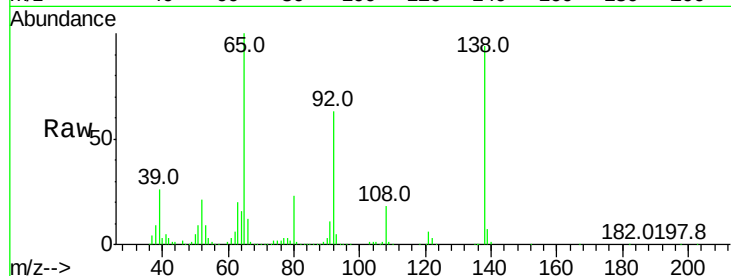
Tot Ion: 65 Resp: 354481

Ion Ratio Lower Upper

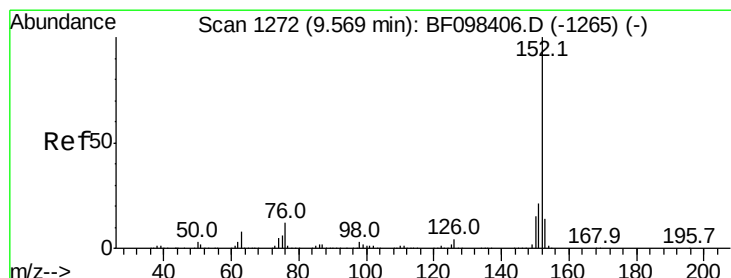
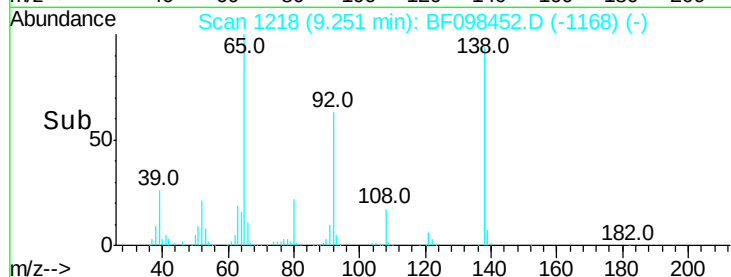
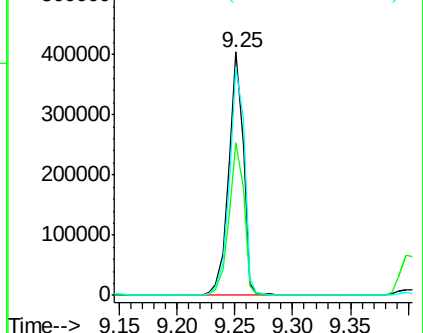
65 100

92 62.9 53.9 80.9

138 93.7 78.8 118.2



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 35.080 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

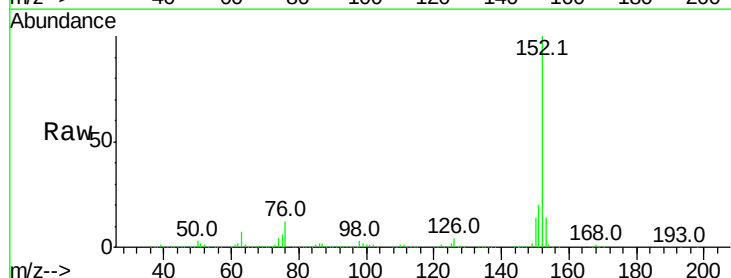
Tgt Ion: 152 Resp: 1331348

Ion Ratio Lower Upper

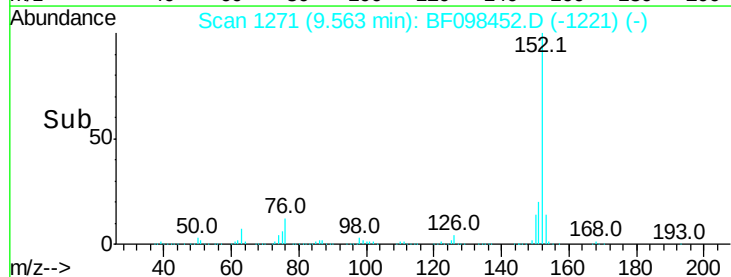
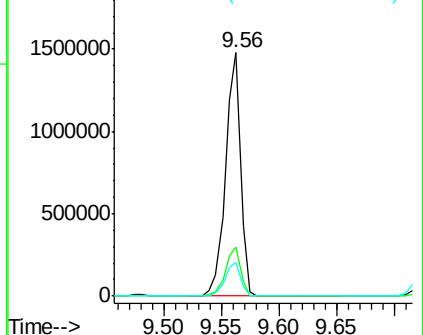
152 100

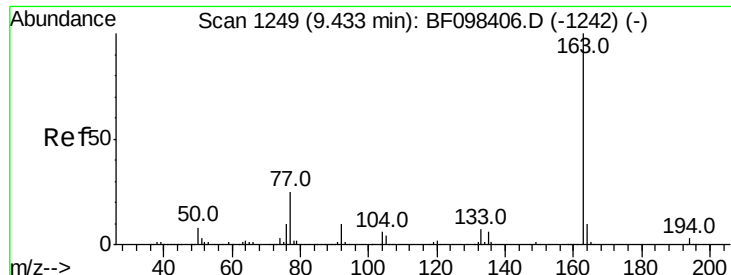
151 20.4 16.8 25.2

153 14.0 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 39.022 ng

RT: 9.43 min Scan# 1249

Delta R.T. 0.00 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-011-AMSD

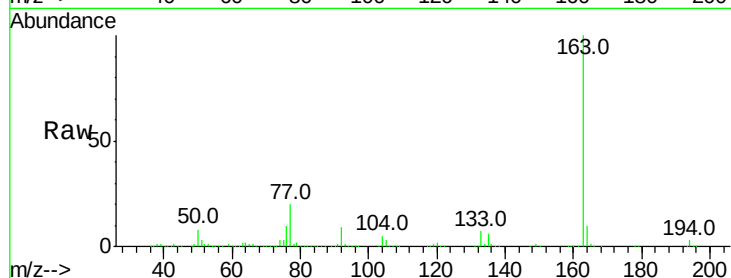
Tot Ion:163 Resp: 1206153

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

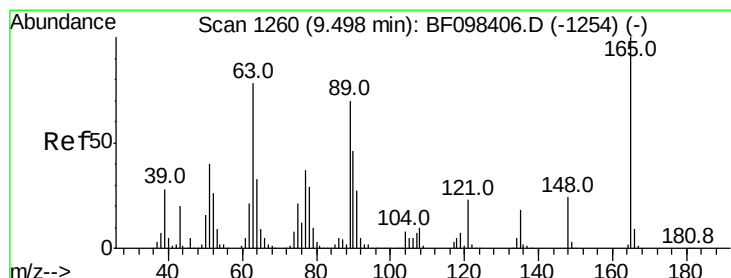
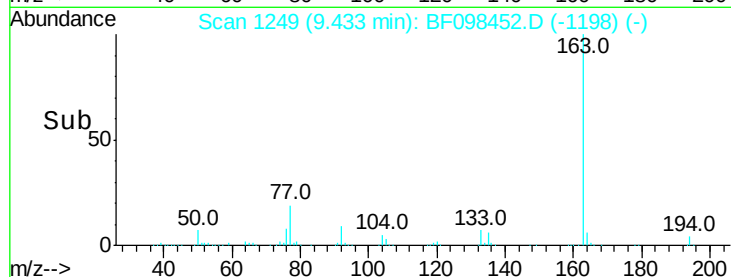
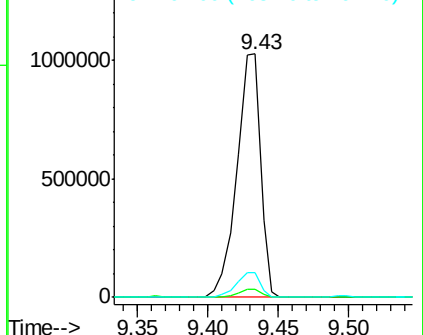
164 9.9 8.4 12.6



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: 37.824 ng

RT: 9.50 min Scan# 1260

Delta R.T. 0.00 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

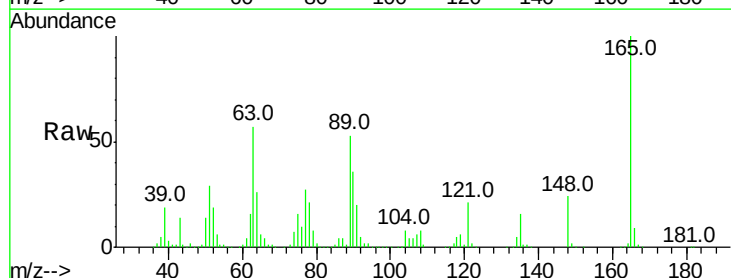
Tgt Ion:165 Resp: 240151

Ion Ratio Lower Upper

165 100

63 56.8 34.3 51.5#

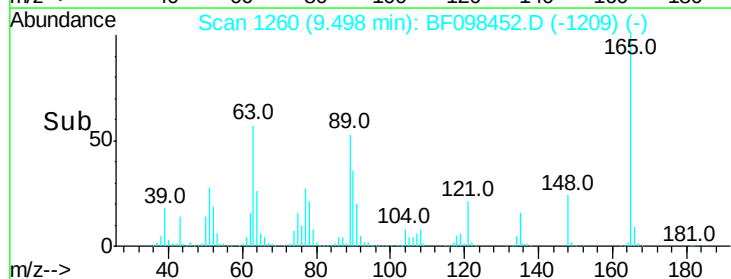
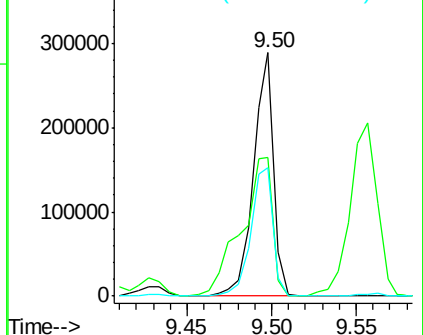
89 52.8 37.1 55.7

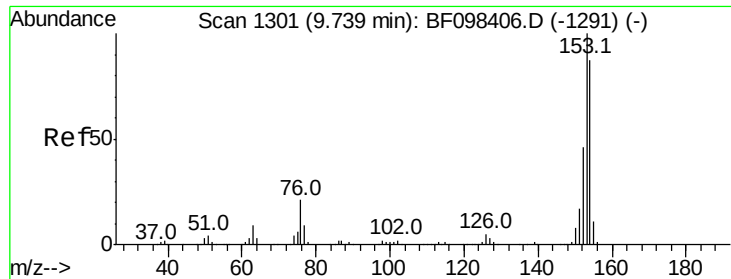


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 34.895 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-011-AMSD

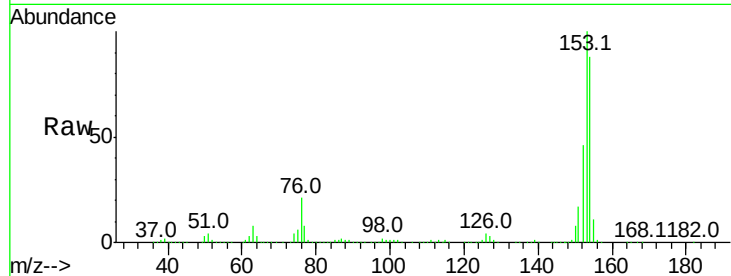
Tot Ion:154 Resp: 841834

Ion Ratio Lower Upper

154 100

153 113.4 90.5 135.7

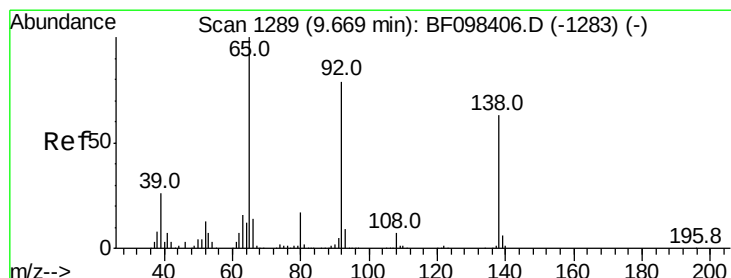
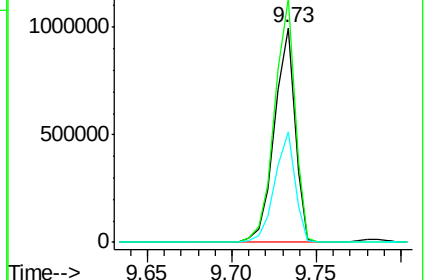
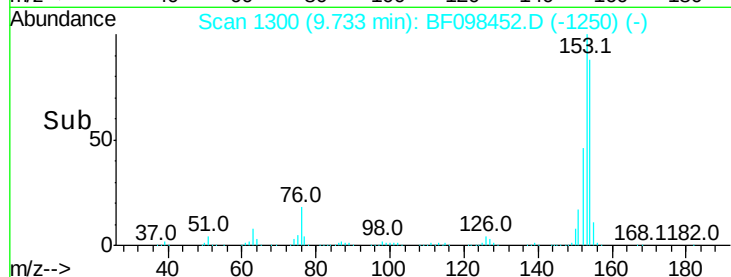
152 51.7 43.6 65.4



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: 26.453 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

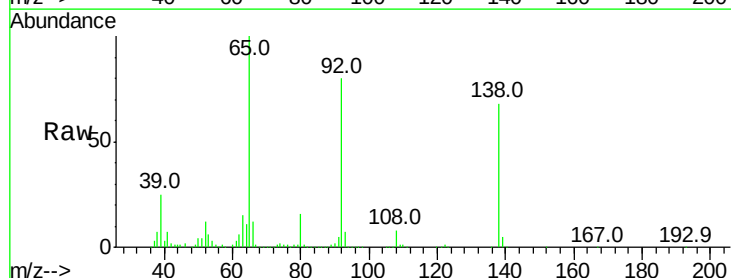
Tgt Ion:138 Resp: 202743

Ion Ratio Lower Upper

138 100

108 11.2 9.1 13.7

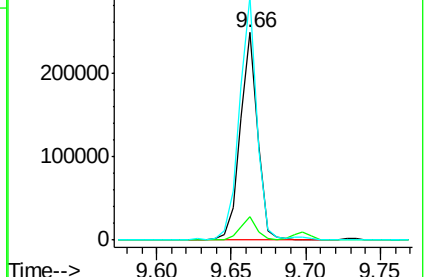
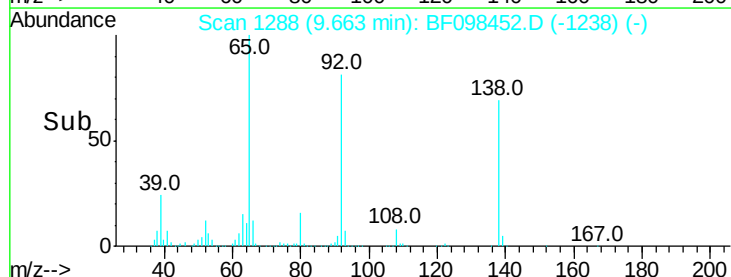
92 117.5 93.8 140.6

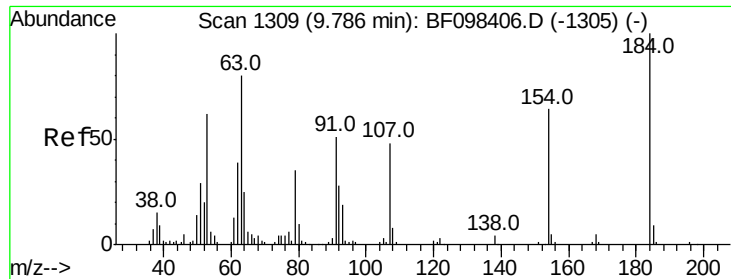


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

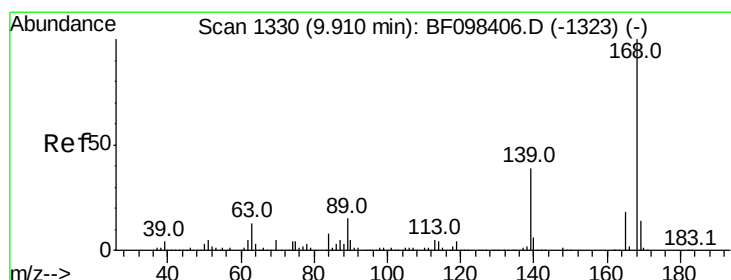
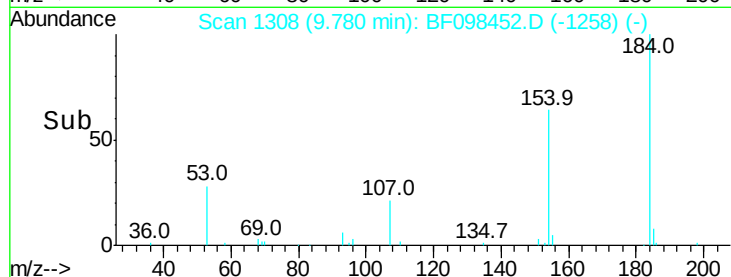
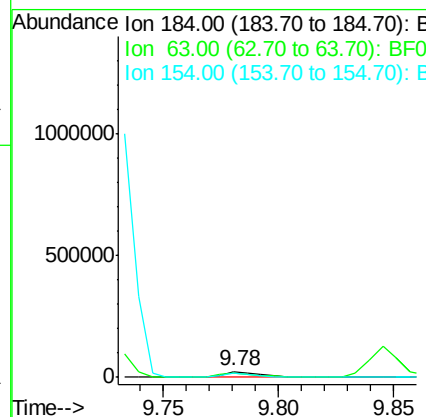
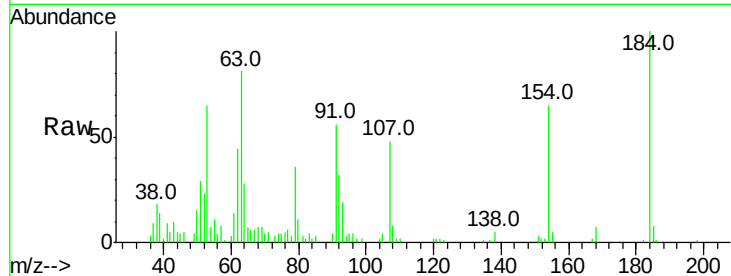




#53
 2,4-Dinitrophenol
 Concen: 16.974 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF098452.D
 Acq: 12 Sep 2017 16:07

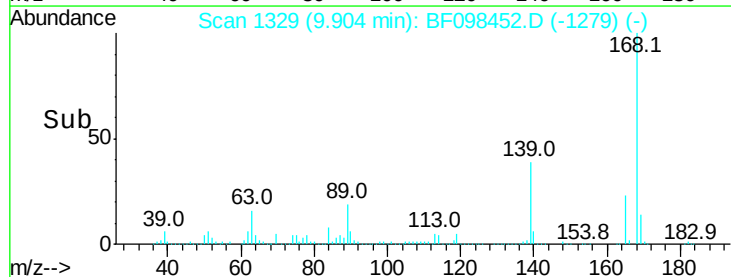
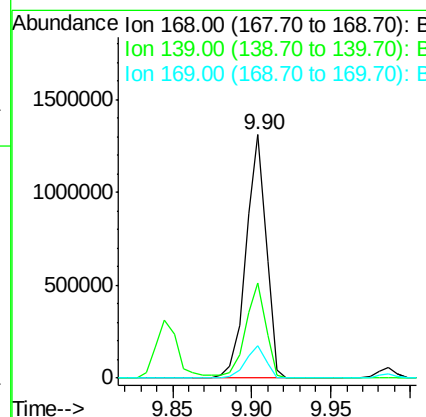
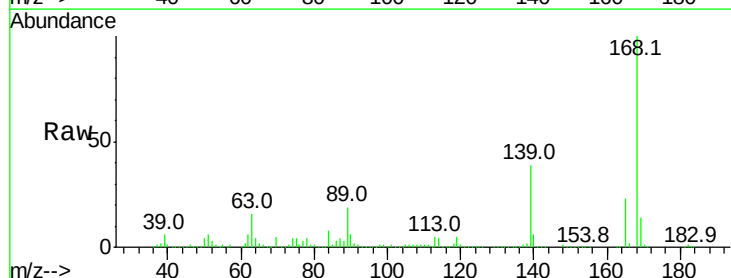
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-011-AMSD

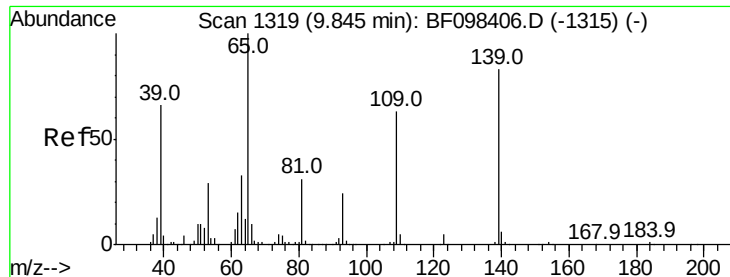
Tot Ion:184 Resp: 28384
 Ion Ratio Lower Upper
 184 100
 63 80.6 62.7 94.1
 154 65.3 81.1 121.7#



#54
 Dibenzofuran
 Concen: 36.058 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF098452.D
 Acq: 12 Sep 2017 16:07

Tgt Ion:168 Resp: 1146003
 Ion Ratio Lower Upper
 168 100
 139 39.1 30.6 45.8
 169 13.5 10.8 16.2





#55

4-Nitrophenol

Concen: 68.548 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-011-AMSD

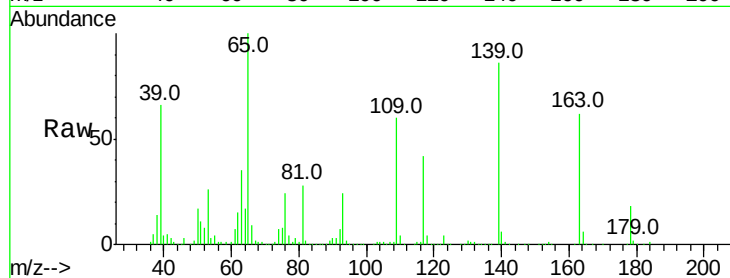
Tot Ion:139 Resp: 301846

Ion Ratio Lower Upper

139 100

109 69.4 34.1 74.1

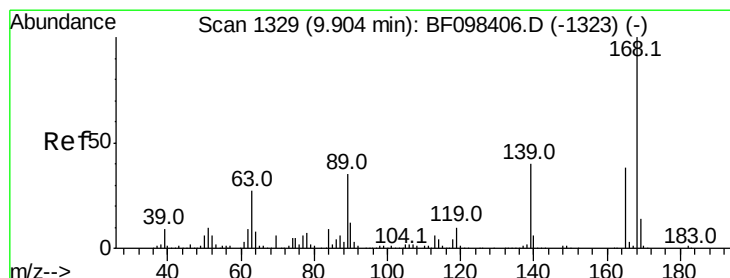
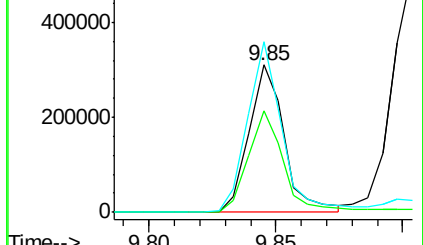
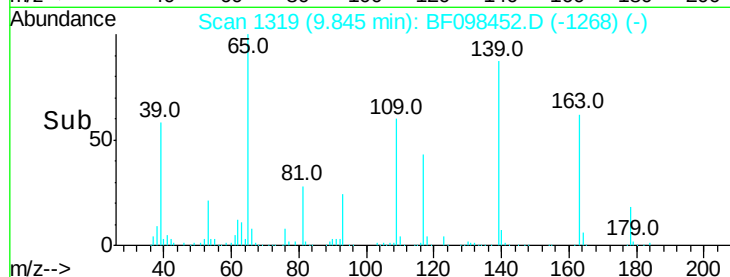
65 116.1 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 36.408 ng

RT: 9.90 min Scan# 1329

Delta R.T. 0.00 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

Tgt Ion:165 Resp: 281034

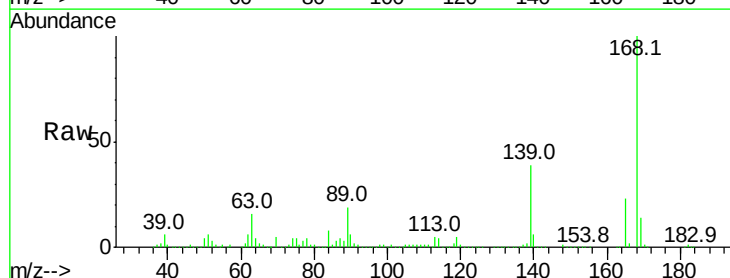
Ion Ratio Lower Upper

165 100

63 67.6 25.4 38.0#

89 82.6 46.4 69.6#

182 2.6 1.8 2.6

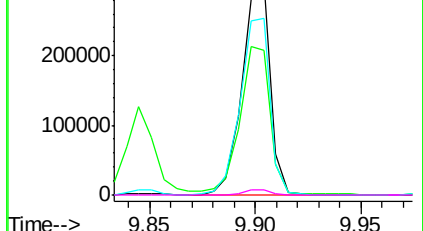
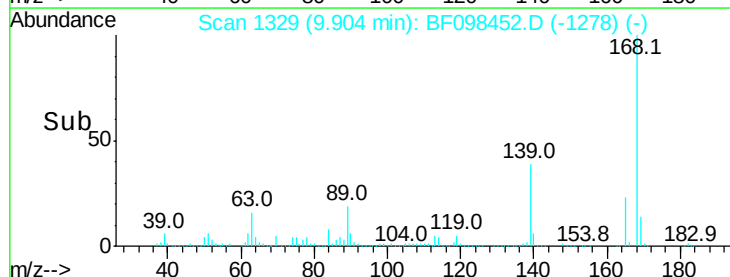


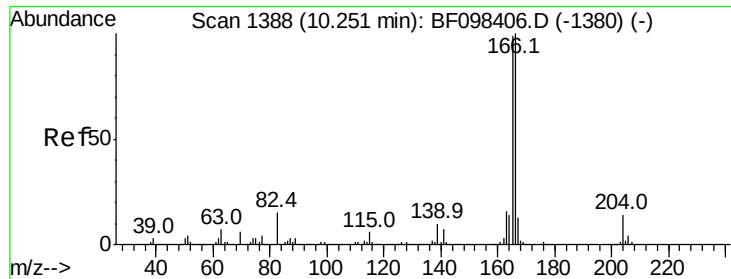
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 34.171 ng

RT: 10.25 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-011-AMSD

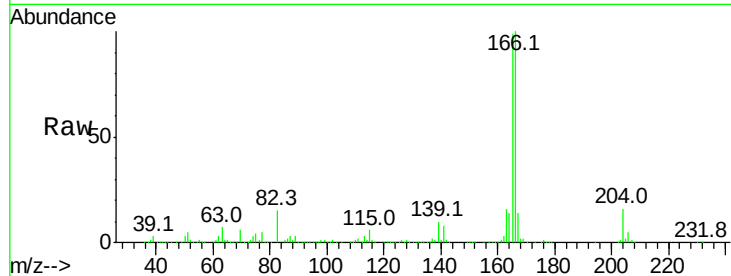
Tot Ion:166 Resp: 898900

Ion Ratio Lower Upper

166 100

165 98.8 78.8 118.2

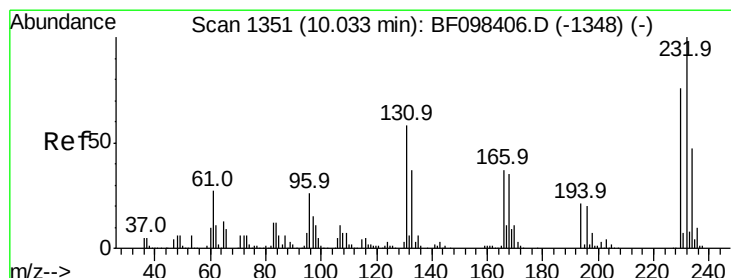
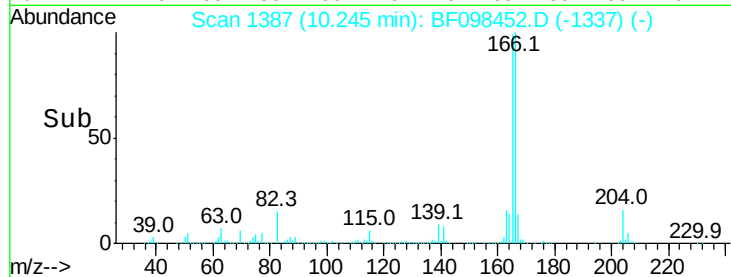
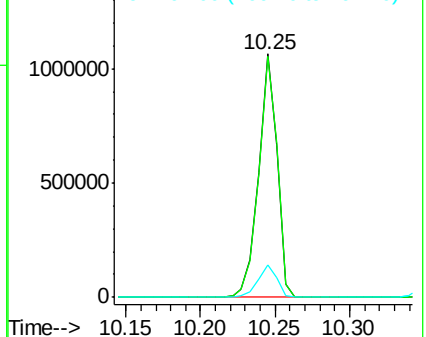
167 13.6 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.082 ng

RT: 10.03 min Scan# 1350

Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

Tgt Ion:232 Resp: 200568

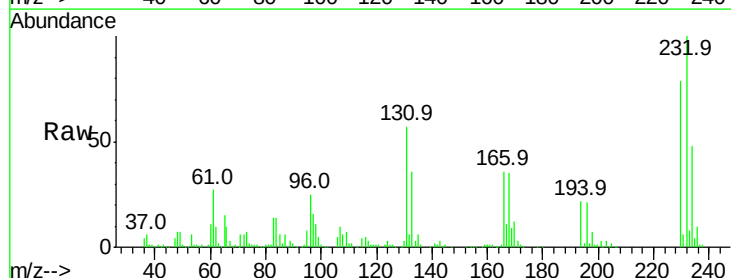
Ion Ratio Lower Upper

232 100

131 55.4 44.8 67.2

130 2.7 2.3 3.5

166 34.7 29.0 43.4

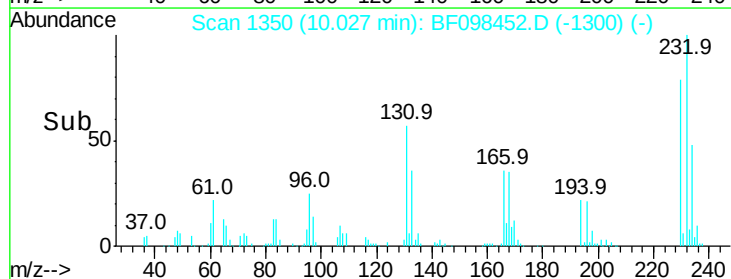
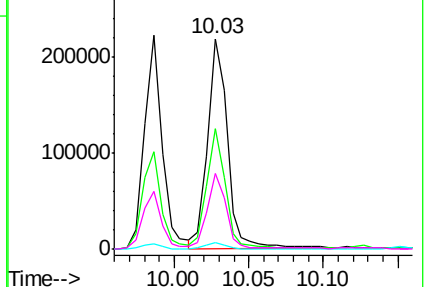


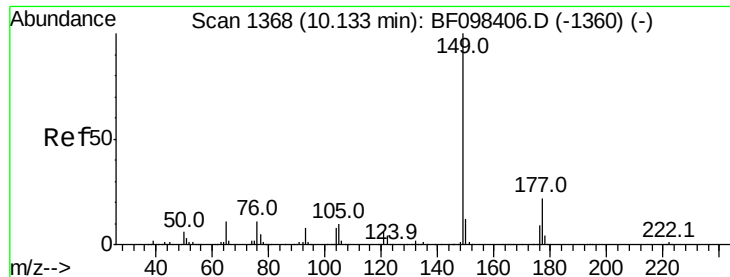
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

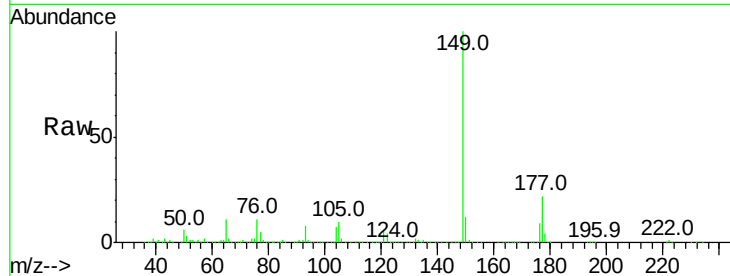




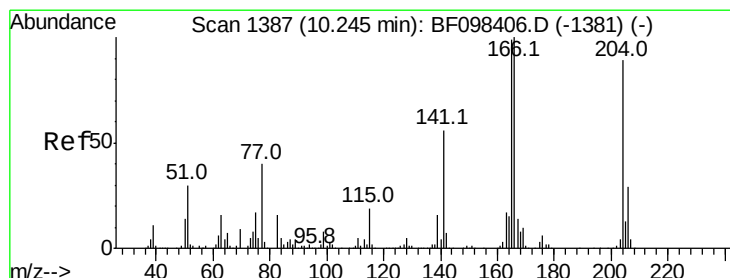
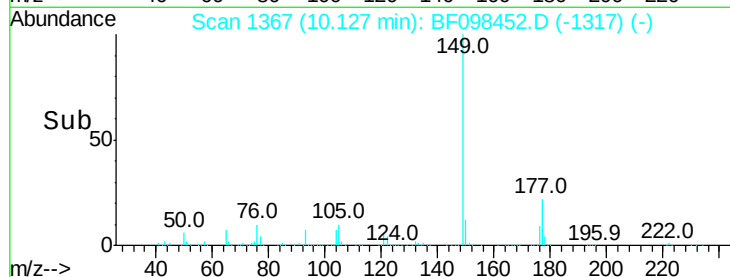
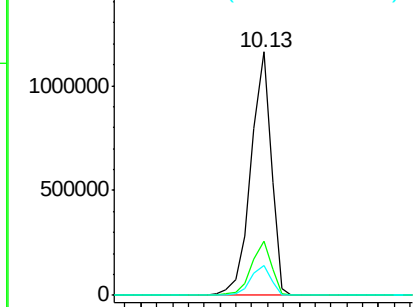
#59
Diethylphthalate
Concen: 35.082 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF098452.D
Acq: 12 Sep 2017 16:07

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-011-AMSD

Tot Ion:149 Resp: 1031269
Ion Ratio Lower Upper
149 100
177 22.0 16.7 25.1
150 12.5 10.2 15.2

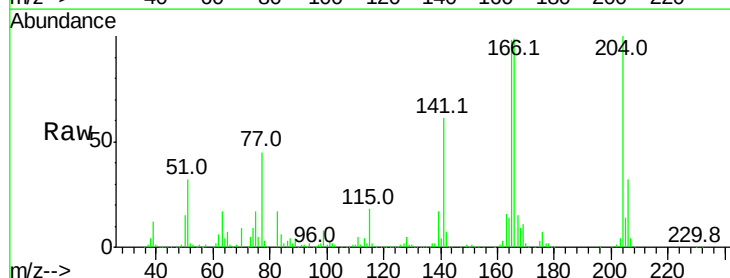


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

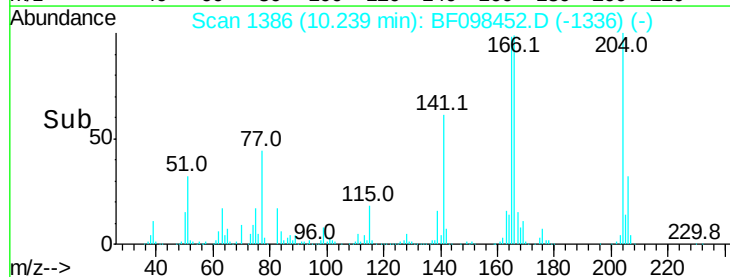
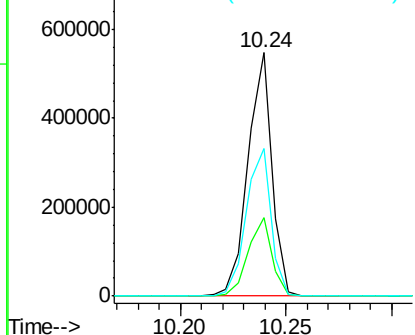


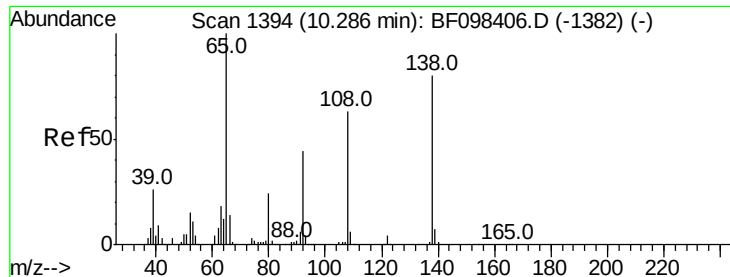
#60
4-Chlorophenyl-phenylether
Concen: 35.564 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BF098452.D
Acq: 12 Sep 2017 16:07

Tgt Ion:204 Resp: 432122
Ion Ratio Lower Upper
204 100
206 32.3 26.2 39.2
141 60.6 60.8 91.2#



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: 31.404 ng

RT: 10.28 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-011-AMSD

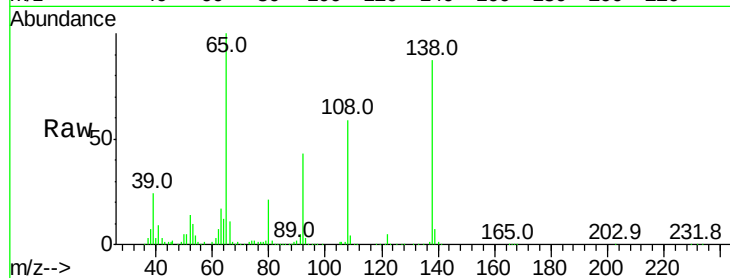
Tot Ion:138 Resp: 243076

Ion Ratio Lower Upper

138 100

92 49.4 21.8 61.8

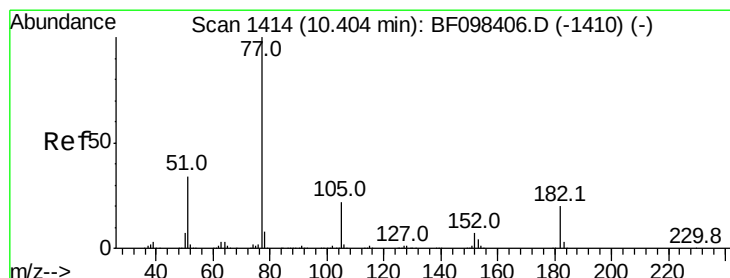
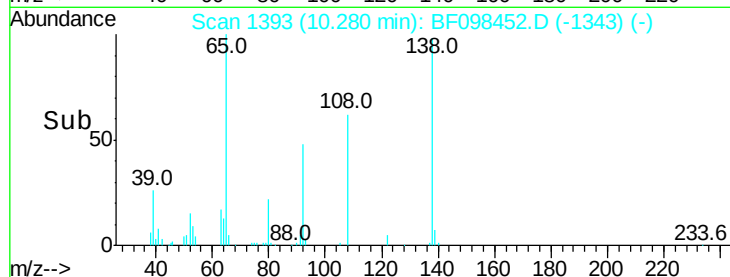
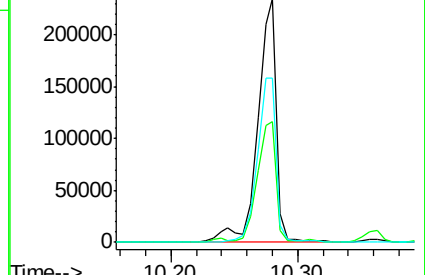
108 67.4 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 34.185 ng

RT: 10.40 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

Tgt Ion: 77 Resp: 1083073

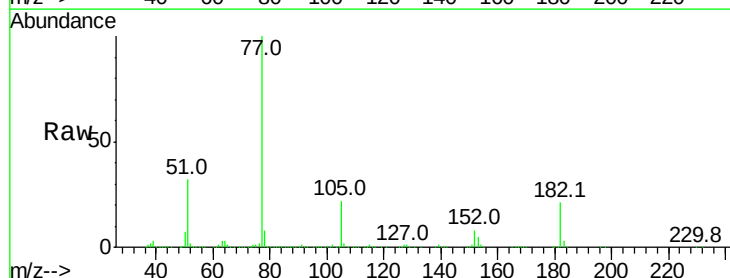
Ion Ratio Lower Upper

77 100

182 21.0 0.1 40.1

105 22.5 3.6 43.6

51 31.5 9.4 49.4

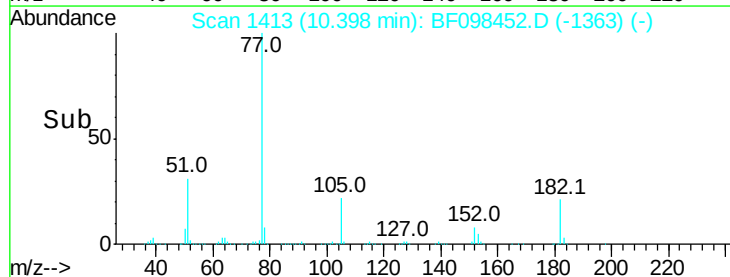
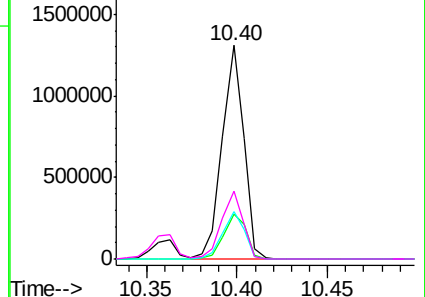


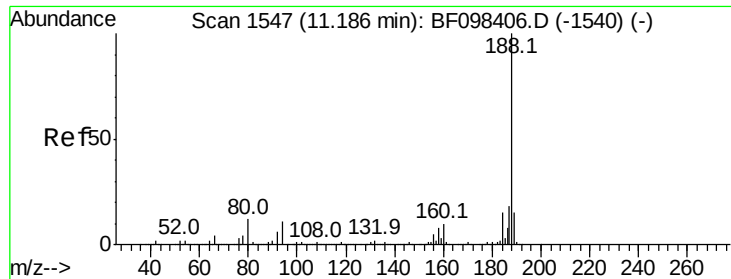
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

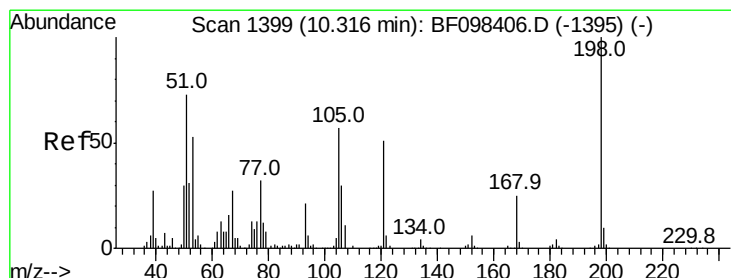
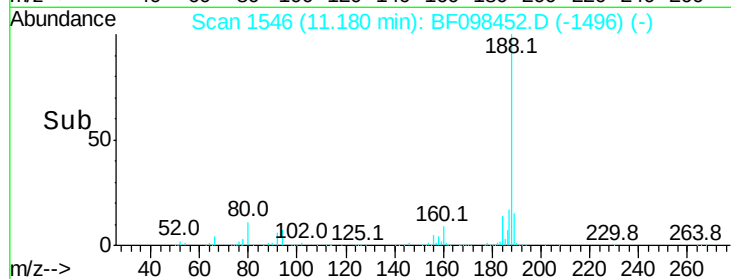
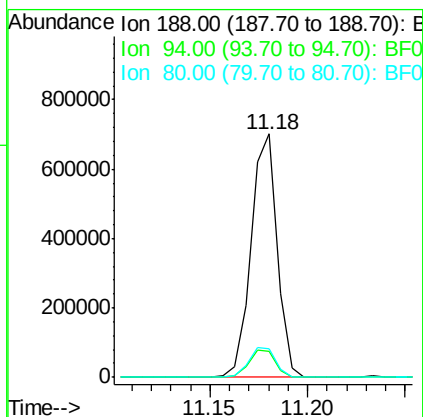
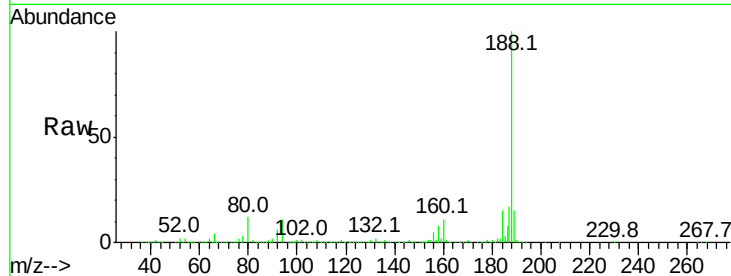




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF098452.D
Acq: 12 Sep 2017 16:07

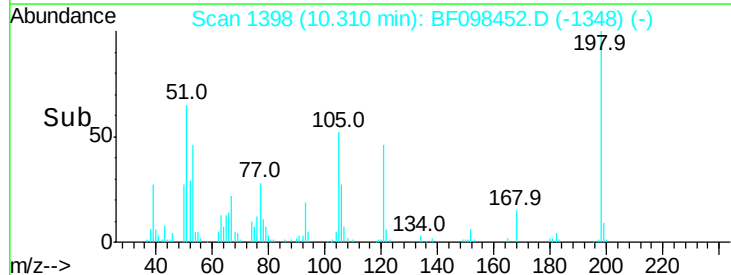
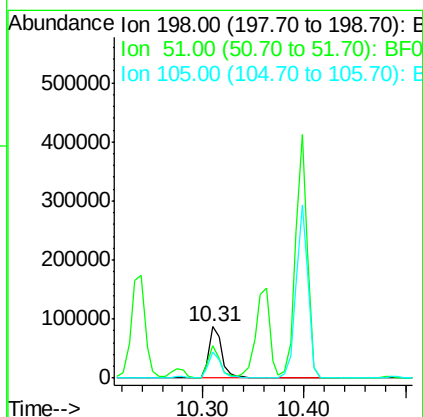
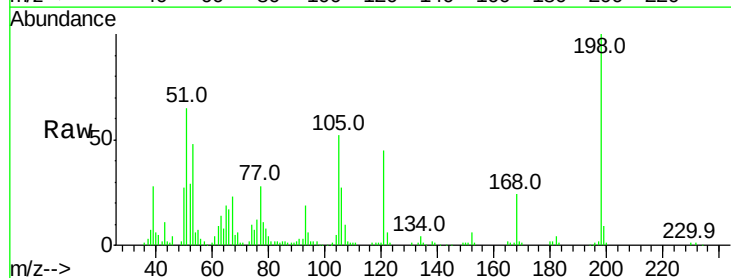
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-011-AMSD

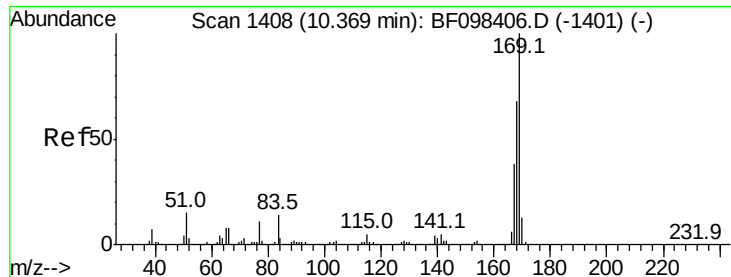
Tot Ion:188 Resp: 649078
Ion Ratio Lower Upper
188 100
94 10.8 9.4 14.2
80 11.7 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 22.617 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF098452.D
Acq: 12 Sep 2017 16:07

Tgt Ion:198 Resp: 78384
Ion Ratio Lower Upper
198 100
51 64.5 53.2 93.2
105 51.7 45.8 85.8

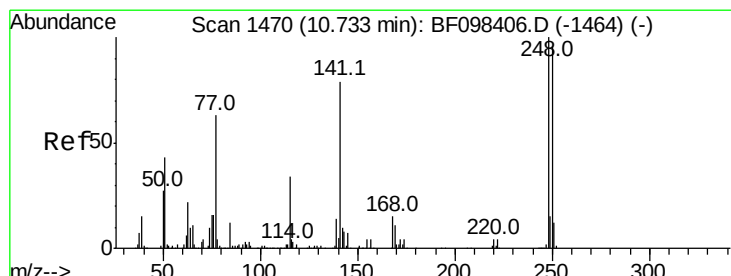
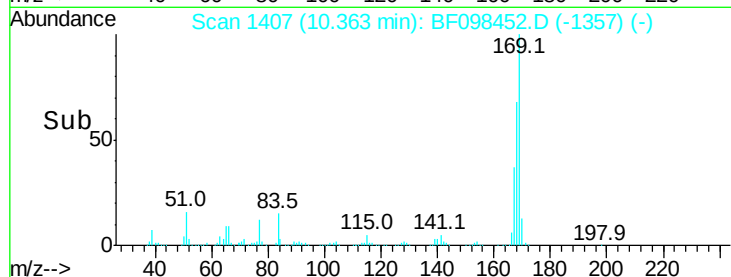
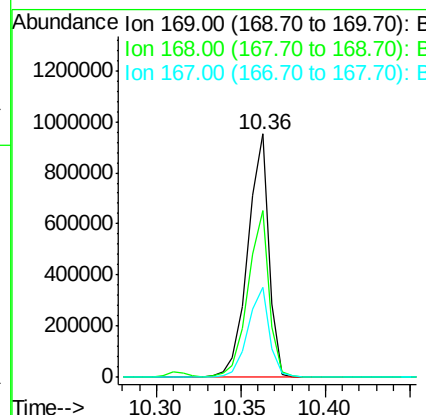
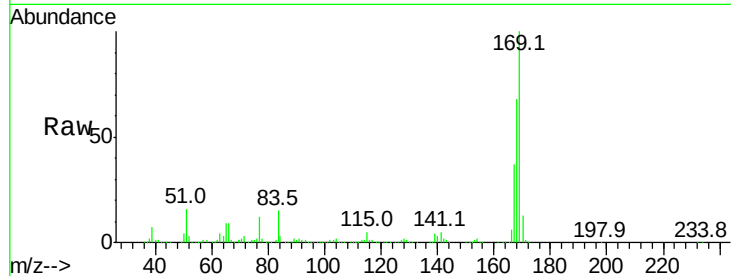




#65
n-Nitrosodiphenylamine
Concen: 39.392 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF098452.D
Acq: 12 Sep 2017 16:07

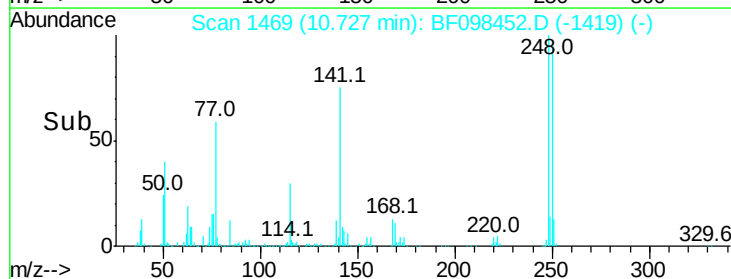
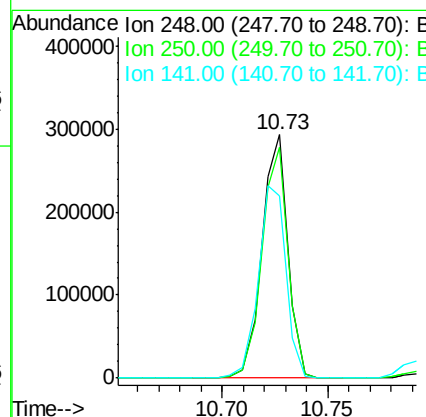
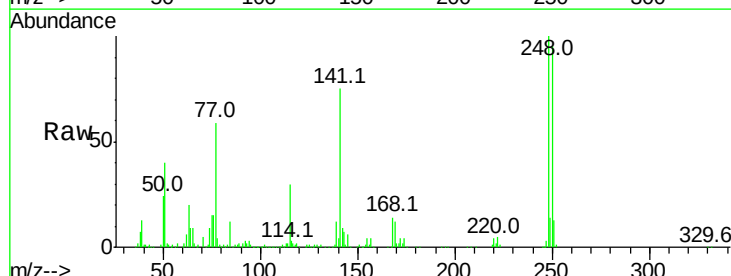
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-011-AMSD

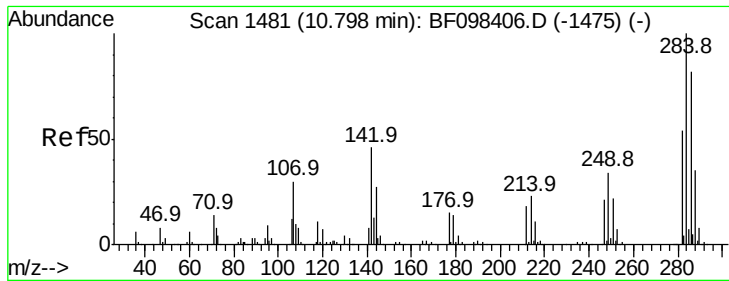
Tot Ion:169 Resp: 830212
Ion Ratio Lower Upper
169 100
168 68.5 53.2 79.8
167 36.9 29.5 44.3



#66
4-Bromophenyl-phenylether
Concen: 40.805 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BF098452.D
Acq: 12 Sep 2017 16:07

Tgt Ion:248 Resp: 251370
Ion Ratio Lower Upper
248 100
250 94.8 76.8 115.2
141 75.0 68.6 103.0

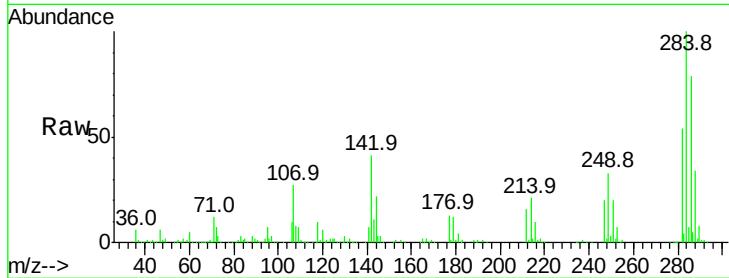




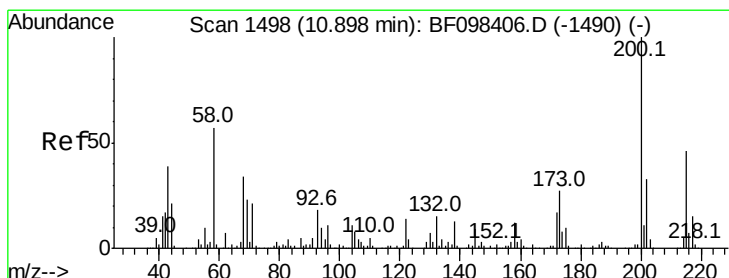
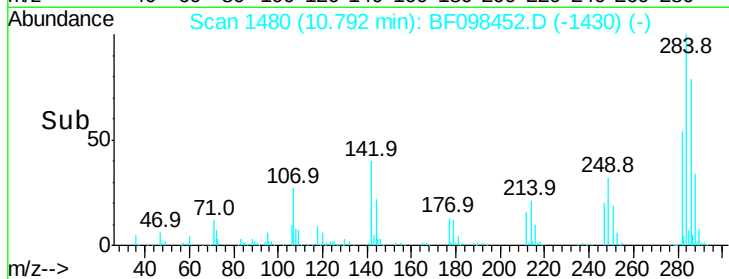
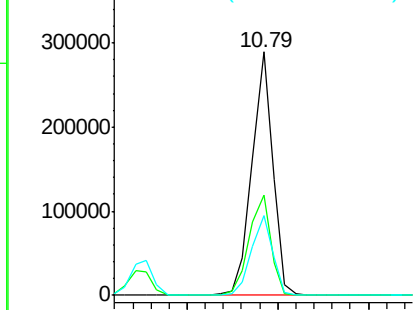
#67
 Hexachlorobenzene
 Concen: 37.105 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BF098452.D
 Acq: 12 Sep 2017 16:07

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-011-AMSD

Tot Ion	Ratio	Lower	Upper
284	100		
142	41.2	22.8	34.2#
249	32.9	24.0	36.0

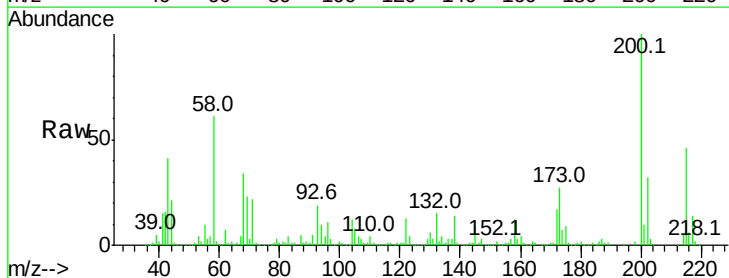


Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

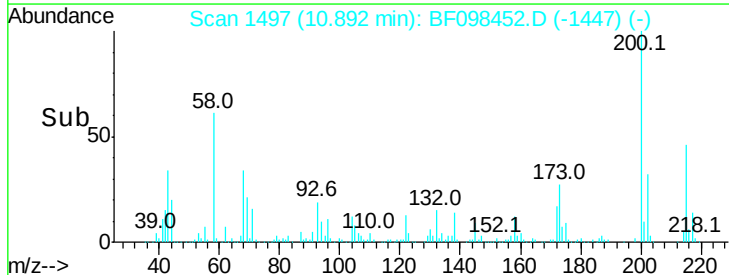
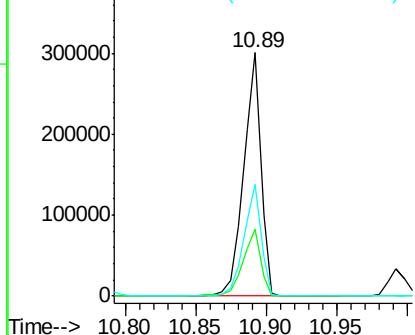


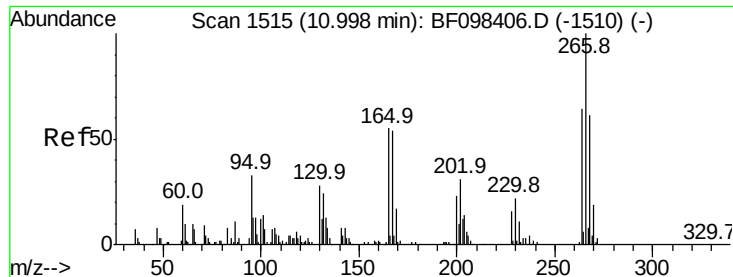
#68
 Atrazine
 Concen: 39.453 ng
 RT: 10.89 min Scan# 1497
 Delta R.T. -0.01 min
 Lab File: BF098452.D
 Acq: 12 Sep 2017 16:07

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.4	6.3	46.3
215	46.0	27.2	67.2



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

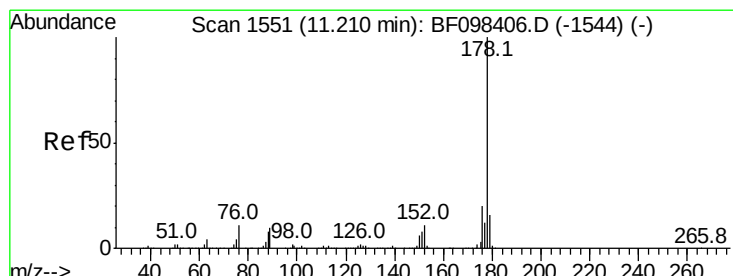
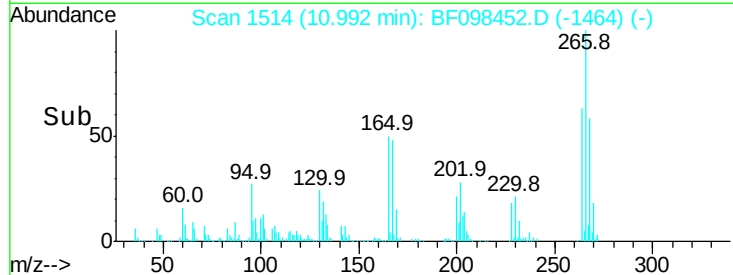
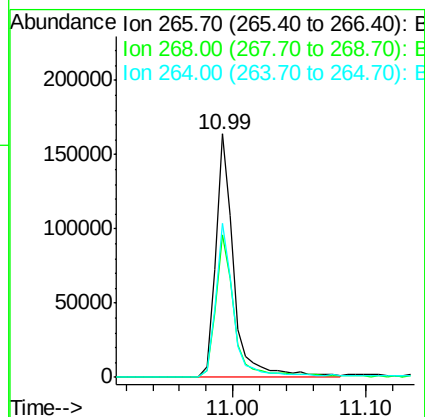
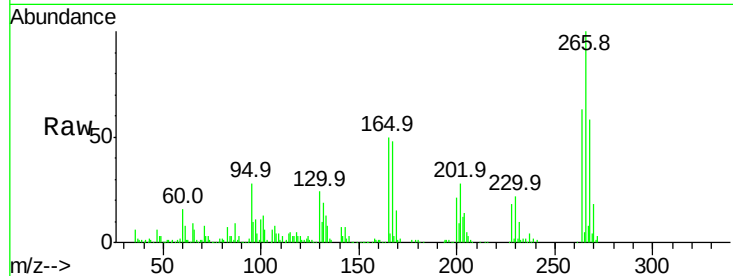




#69
 Pentachlorophenol
 Concen: 58.815 ng
 RT: 10.99 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: BF098452.D
 Acq: 12 Sep 2017 16:07

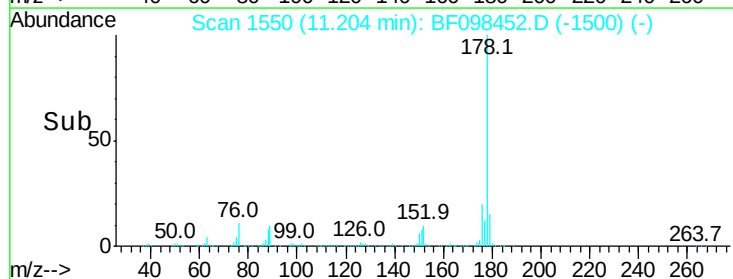
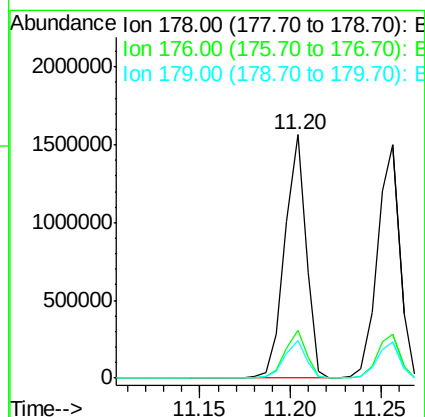
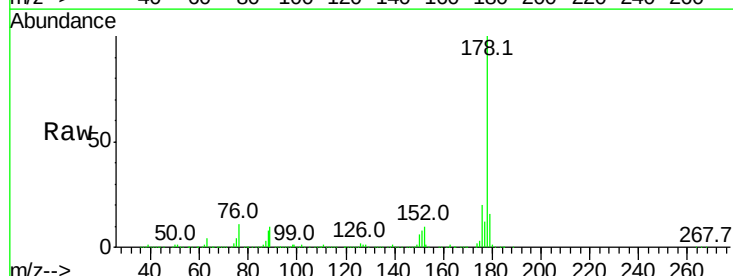
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-011-AMSD

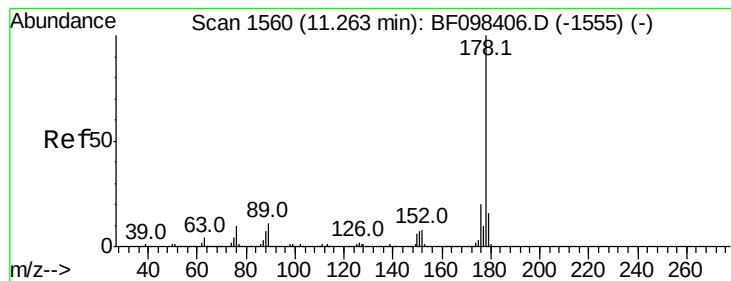
Tot Ion	Ratio	Lower	Upper
266	100		
268	58.4	51.1	76.7
264	63.2	51.7	77.5



#70
 Phenanthrene
 Concen: 37.310 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF098452.D
 Acq: 12 Sep 2017 16:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.2	24.4
179	15.5	12.6	19.0





#71

Anthracene

Concen: 36.601 ng

RT: 11.26 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-011-AMSD

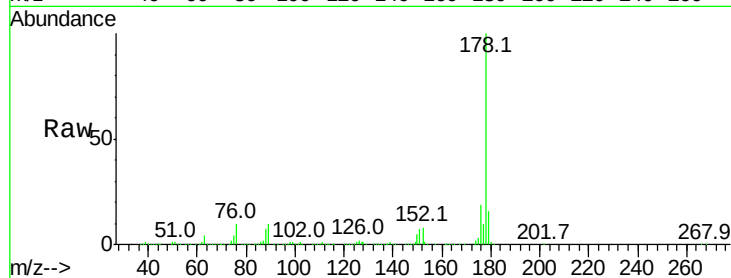
Tot Ion:178 Resp: 1293046

Ion Ratio Lower Upper

178 100

176 19.0 15.8 23.8

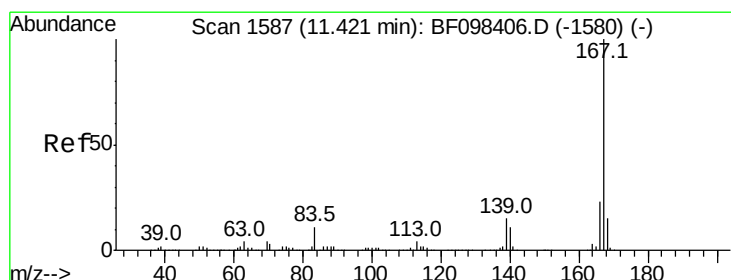
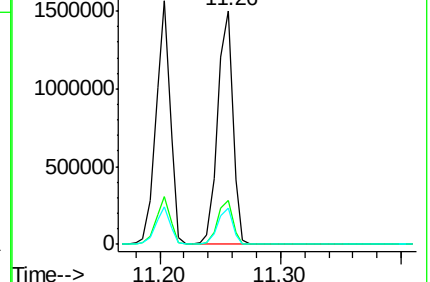
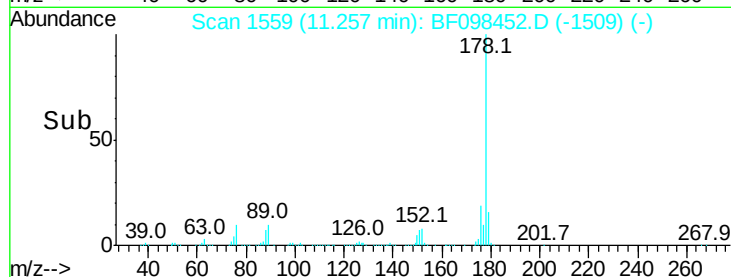
179 15.5 12.7 19.1



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



#72

Carbazole

Concen: 33.484 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

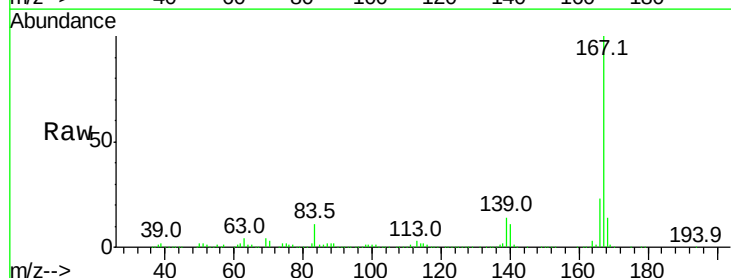
Tgt Ion:167 Resp: 1102430

Ion Ratio Lower Upper

167 100

166 22.7 18.1 27.1

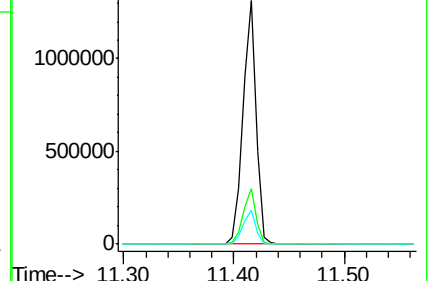
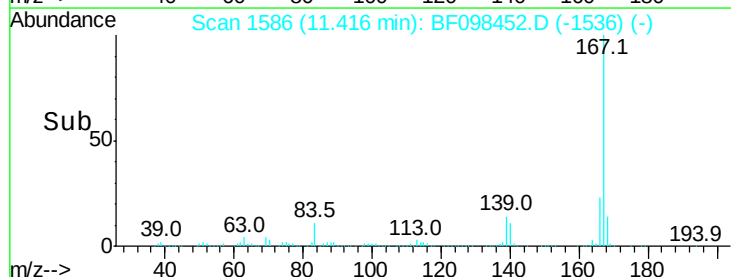
139 13.8 11.7 17.5

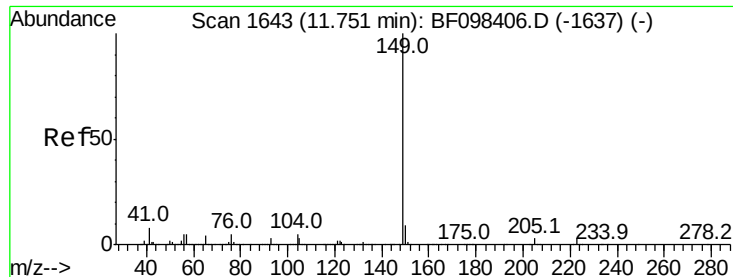


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 36.911 ng

RT: 11.74 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-011-AMSD

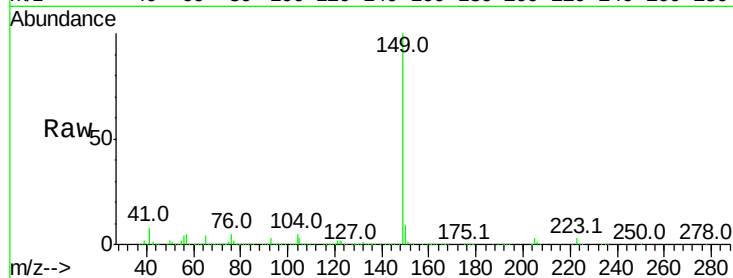
Tot Ion:149 Resp: 1456072

Ion Ratio Lower Upper

149 100

150 9.2 7.7 11.5

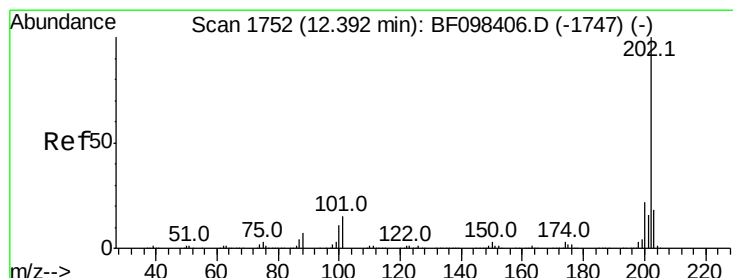
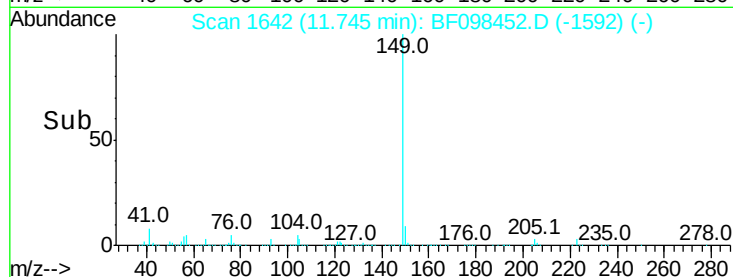
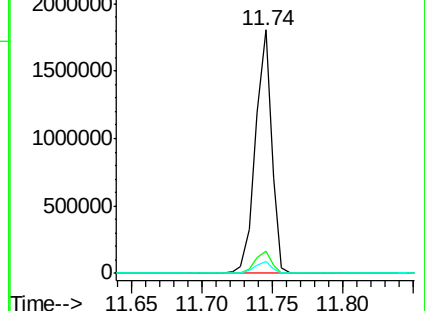
104 5.0 4.0 6.0



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: 32.326 ng

RT: 12.39 min Scan# 1751

Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

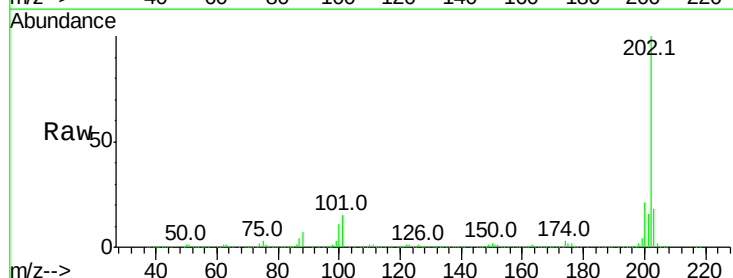
Tgt Ion:202 Resp: 1113512

Ion Ratio Lower Upper

202 100

101 14.6 0.0 33.2

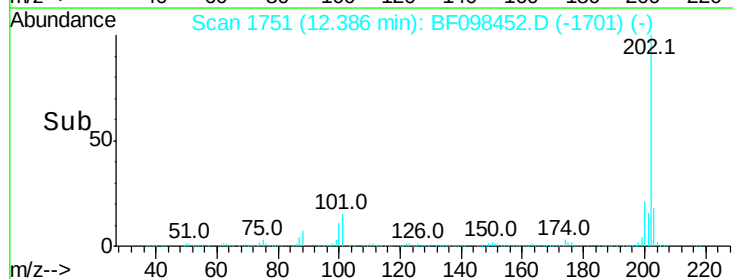
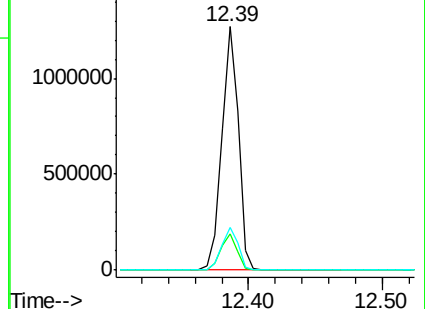
203 17.7 0.0 38.1

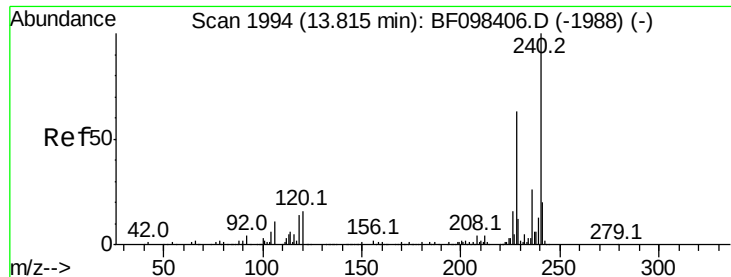


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-011-AMSD

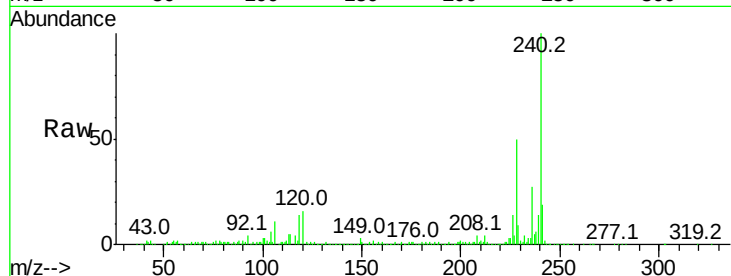
Tot Ion:240 Resp: 385079

Ion Ratio Lower Upper

240 100

120 15.9 5.8 8.8#

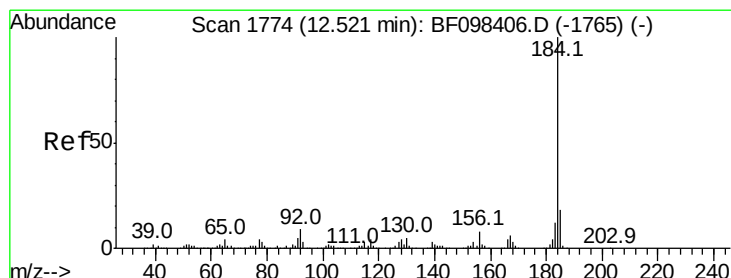
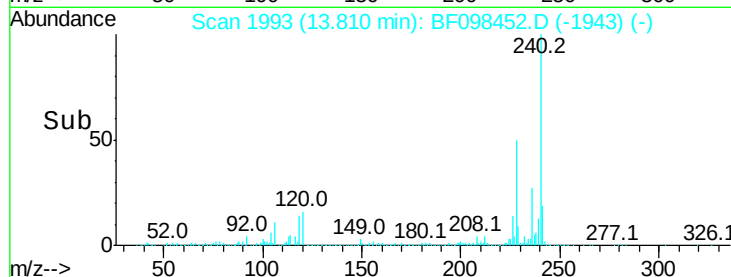
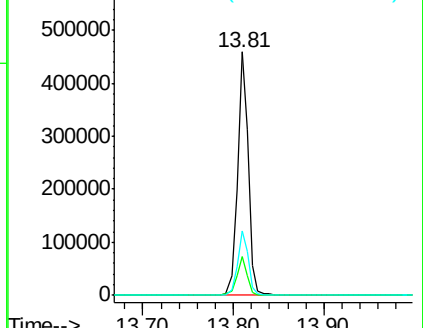
236 26.6 20.5 30.7



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: 30.511 ng

RT: 12.52 min Scan# 1773

Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

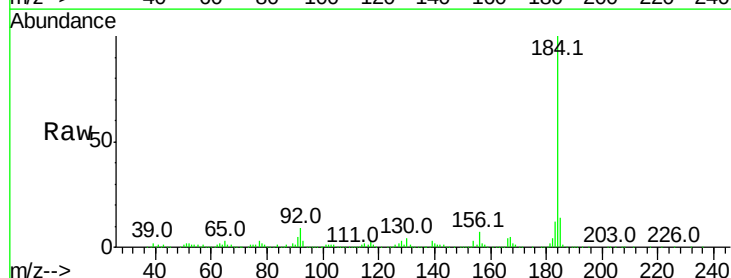
Tgt Ion:184 Resp: 519986

Ion Ratio Lower Upper

184 100

185 14.5 15.5 23.3#

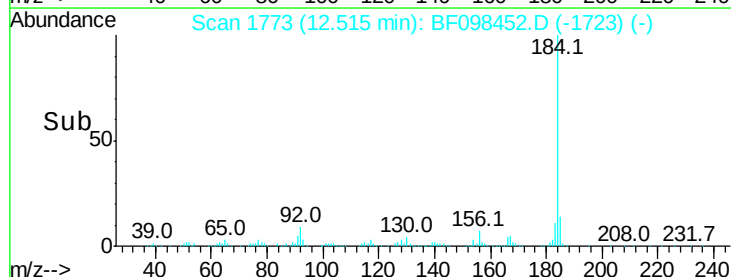
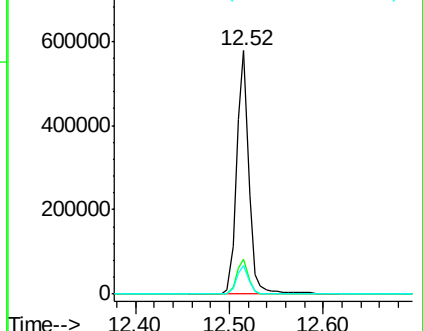
183 11.5 9.8 14.6

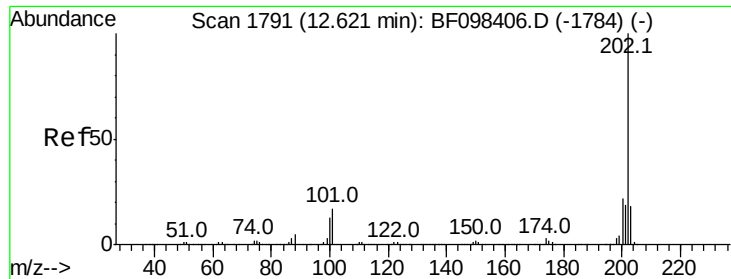


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

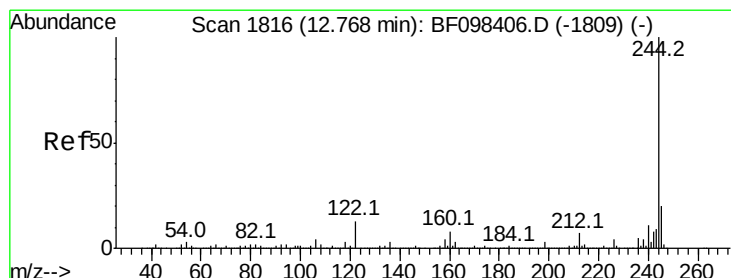
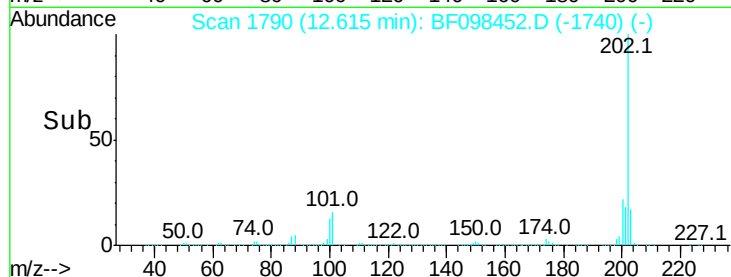
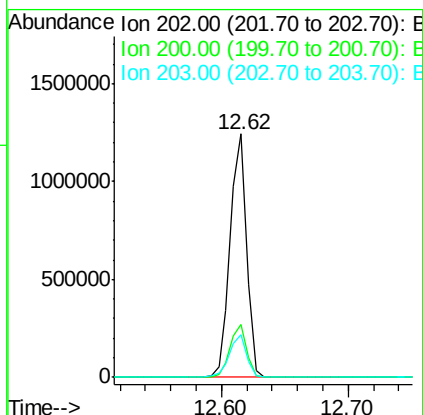
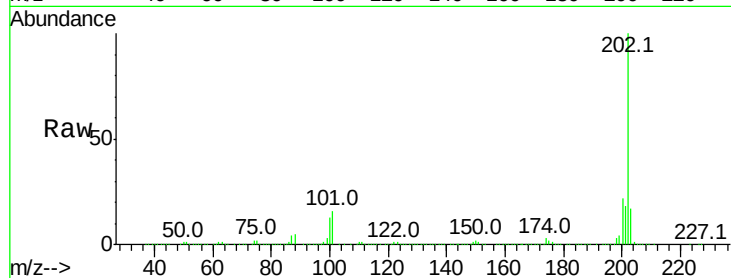




#77
Pvrene
Concen: 36.574 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF098452.D
Acq: 12 Sep 2017 16:07

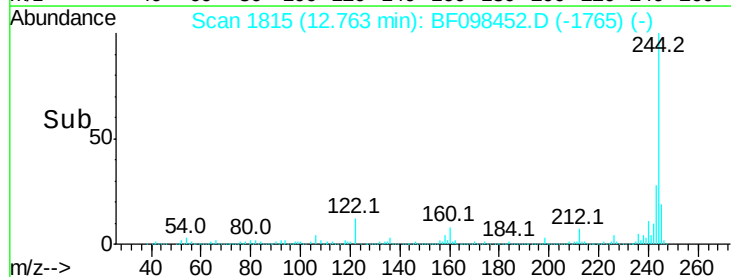
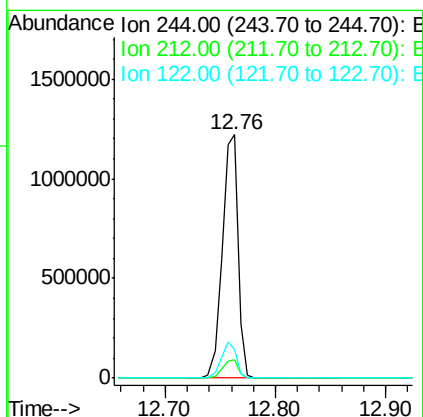
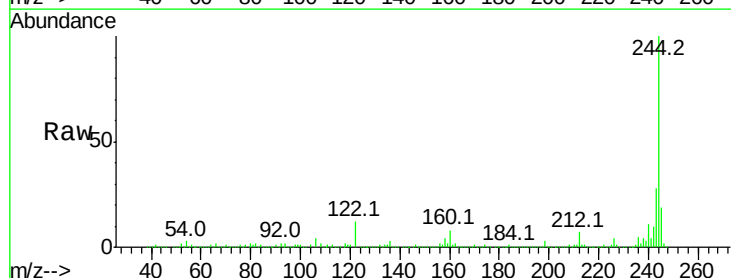
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-011-AMSD

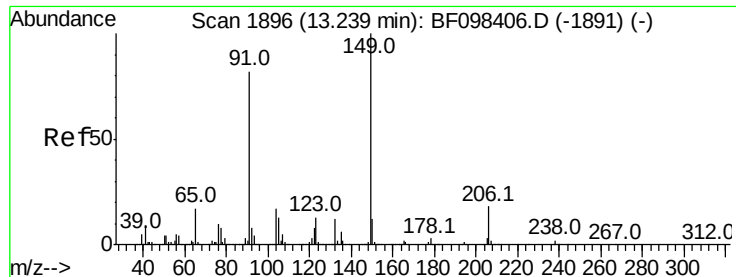
Tot Ion:202 Resp: 1111032
Ion Ratio Lower Upper
202 100
200 21.6 17.6 26.4
203 17.5 14.4 21.6



#78
Terphenyl-d14
Concen: 68.206 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF098452.D
Acq: 12 Sep 2017 16:07

Tgt Ion:244 Resp: 1216824
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 11.8 10.3 15.5

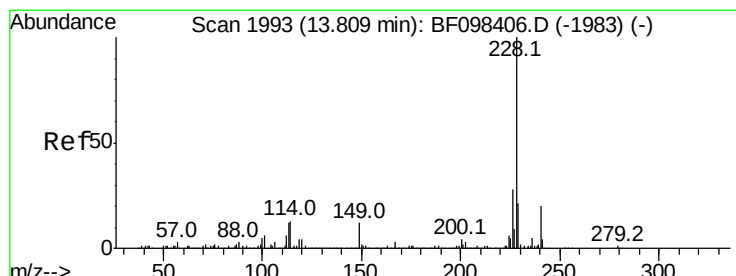
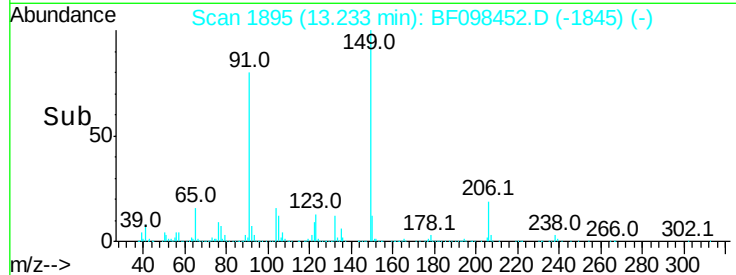
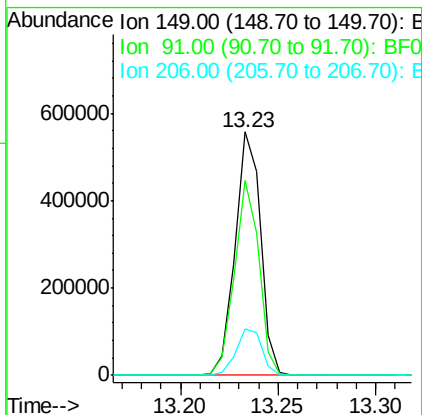
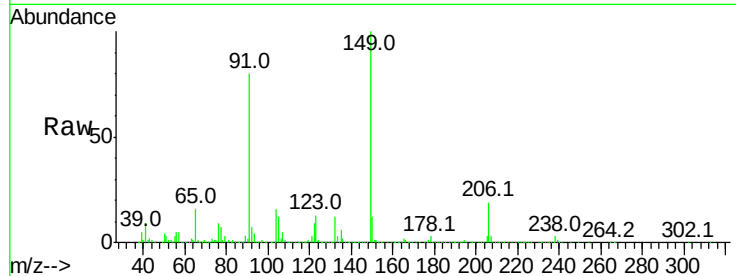




#79
 Butylbenzylphthalate
 Concen: 38.160 ng
 RT: 13.23 min Scan# 1895
 Delta R.T. -0.01 min
 Lab File: BF098452.D
 Acq: 12 Sep 2017 16:07

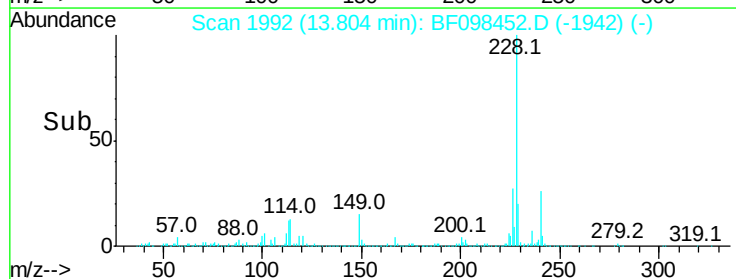
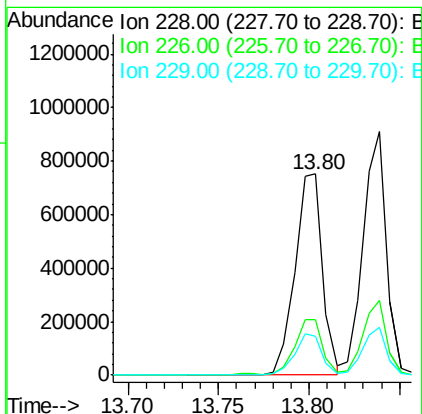
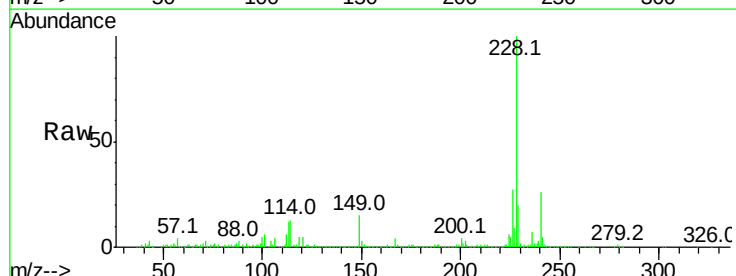
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-011-AMSD

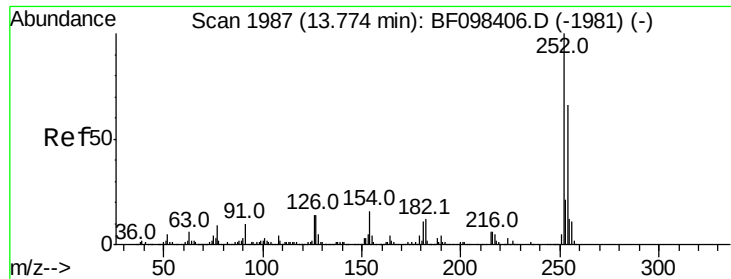
Tot Ion:	149	Resp:	502889
Ion	Ratio	Lower	Upper
149	100		
91	80.1	45.0	67.4#
206	18.9	17.0	25.6



#80
 Benzo(a)anthracene
 Concen: 35.543 ng
 RT: 13.80 min Scan# 1992
 Delta R.T. -0.01 min
 Lab File: BF098452.D
 Acq: 12 Sep 2017 16:07

Tgt Ion:	228	Resp:	802435
Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	19.6	16.3	24.5

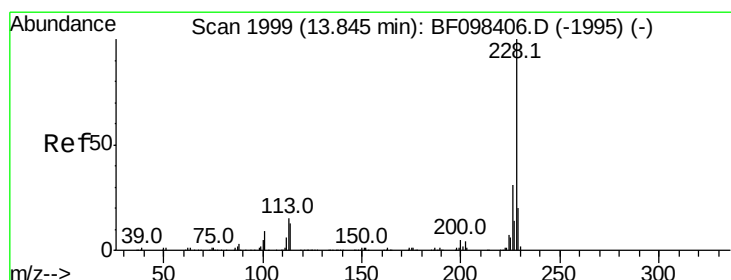
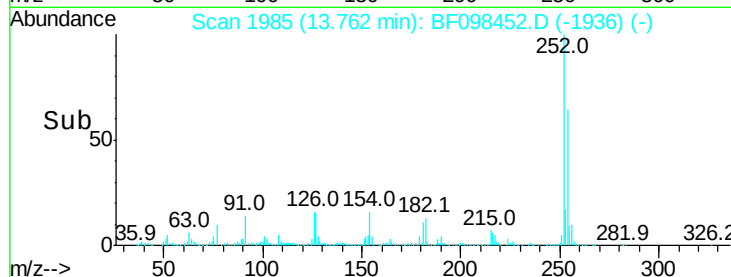
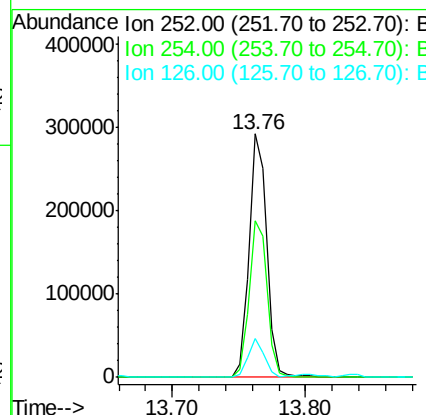
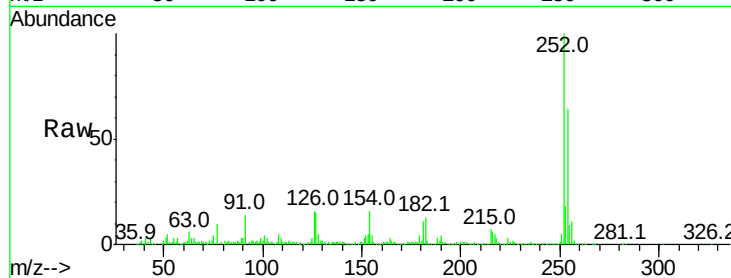




#81
 3,3'-Dichlorobenzidine
 Concen: 30.257 ng
 RT: 13.76 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: BF098452.D
 Acq: 12 Sep 2017 16:07

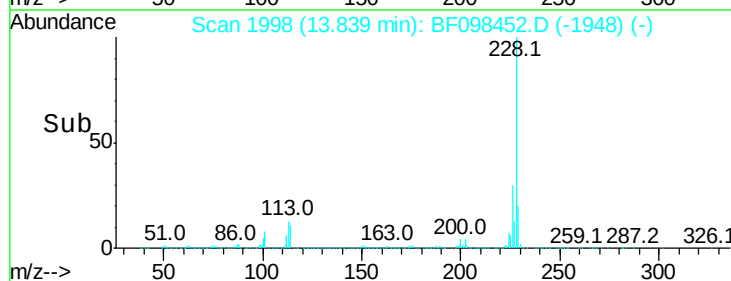
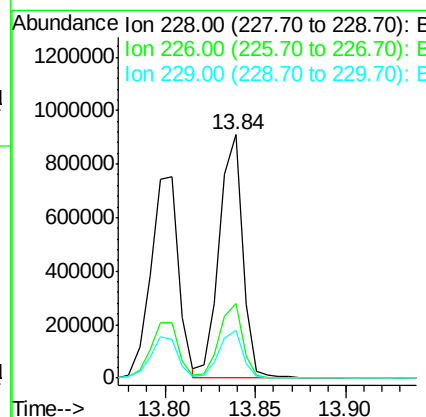
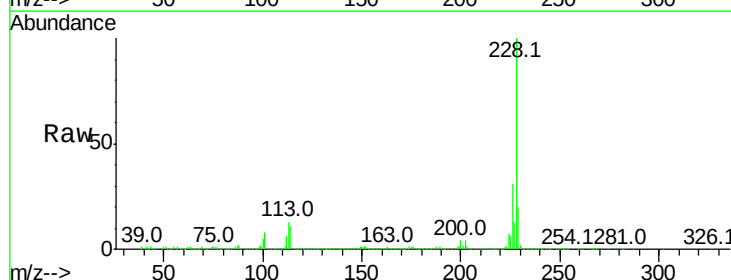
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-011-AMSD

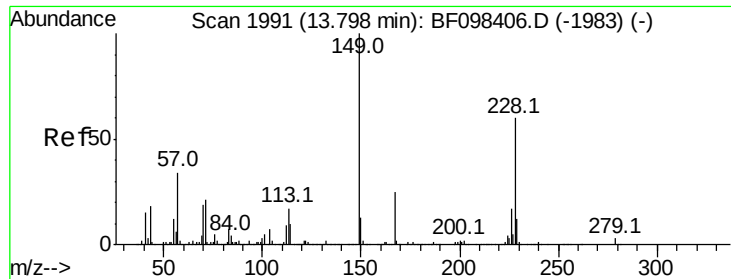
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.5	77.3
126	15.9	15.8	23.8



#82
 Chrysene
 Concen: 35.786 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF098452.D
 Acq: 12 Sep 2017 16:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	19.7	15.8	23.6

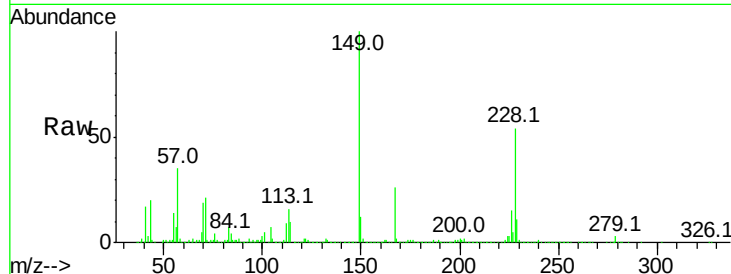




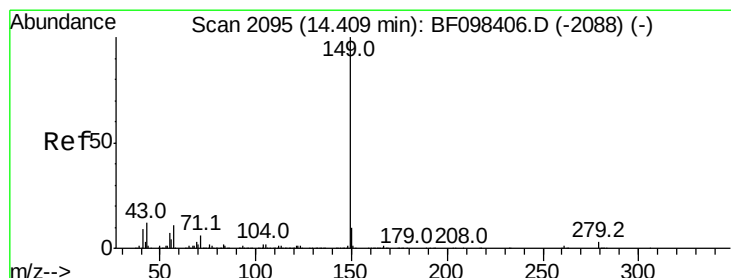
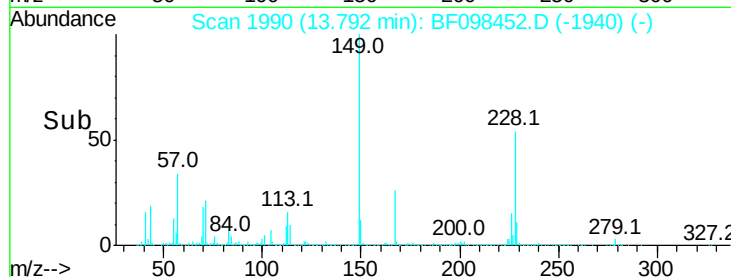
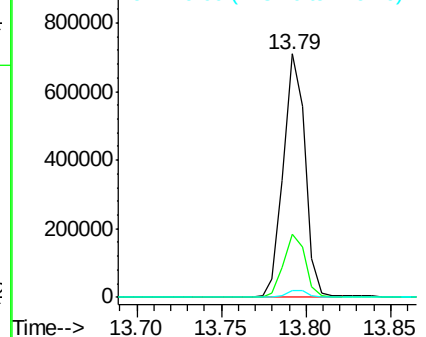
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.314 ng
 RT: 13.79 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BF098452.D
 Acq: 12 Sep 2017 16:07

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-011-AMSD

Tot Ion:149 Resp: 633686
 Ion Ratio Lower Upper
 149 100
 167 25.9 21.0 31.4
 279 2.6 1.9 2.9

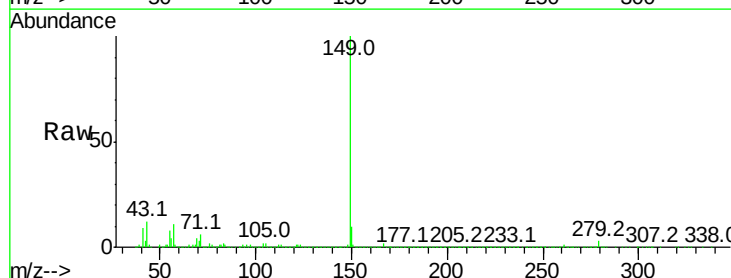


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

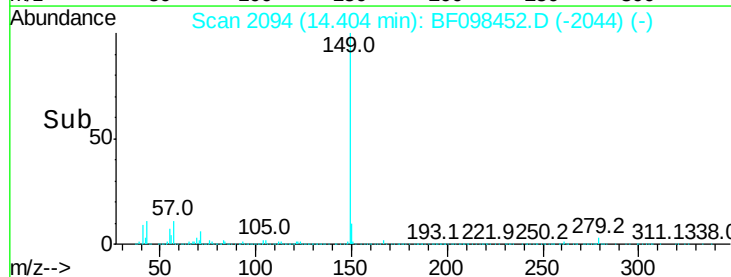
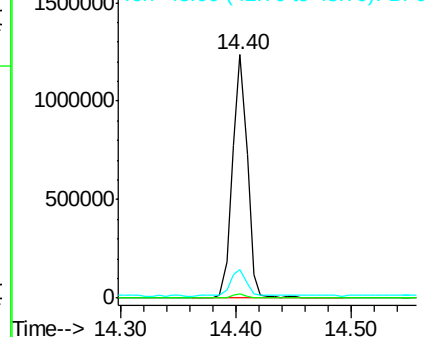


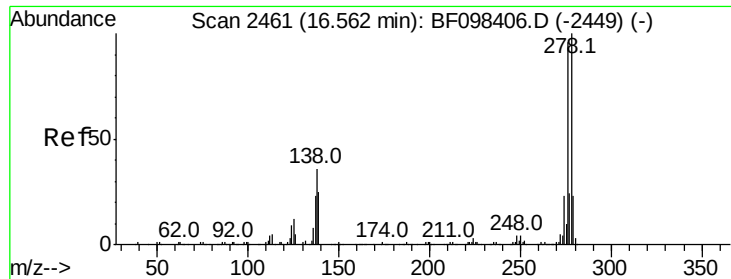
#84
 Di-n-octyl phthalate
 Concen: 38.776 ng
 RT: 14.40 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BF098452.D
 Acq: 12 Sep 2017 16:07

Tgt Ion:149 Resp: 1100339
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 11.7 8.5 12.7



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): BF0

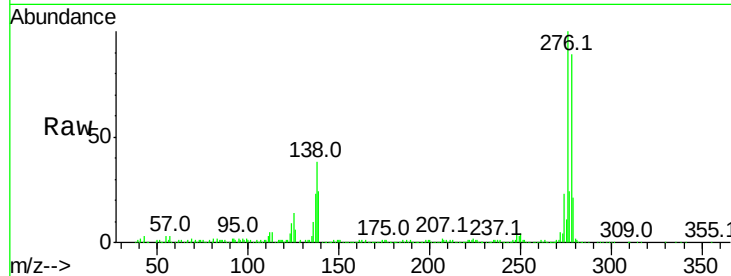




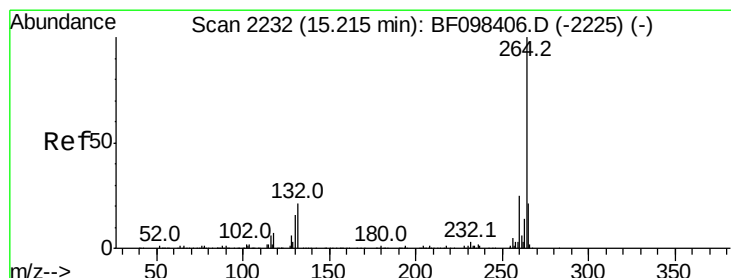
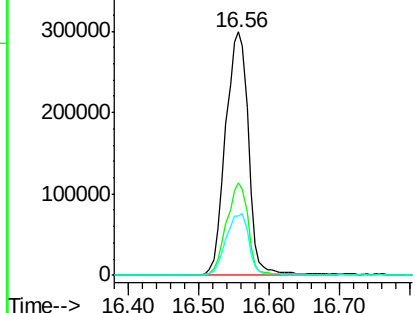
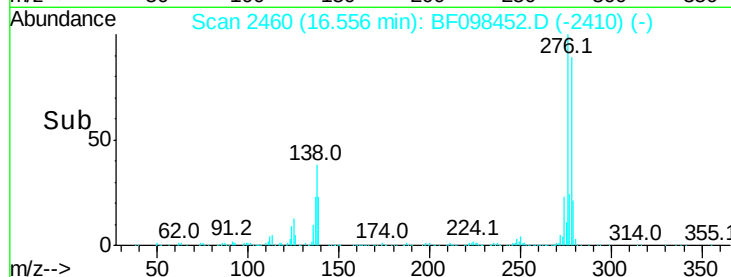
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.803 ng
 RT: 16.56 min Scan# 2460
 Delta R.T. -0.01 min
 Lab File: BF098452.D
 Acq: 12 Sep 2017 16:07

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-011-AMSD

Tot Ion:276 Resp: 669305
 Ion Ratio Lower Upper
 276 100
 138 36.0 27.8 41.6
 277 25.9 20.2 30.4

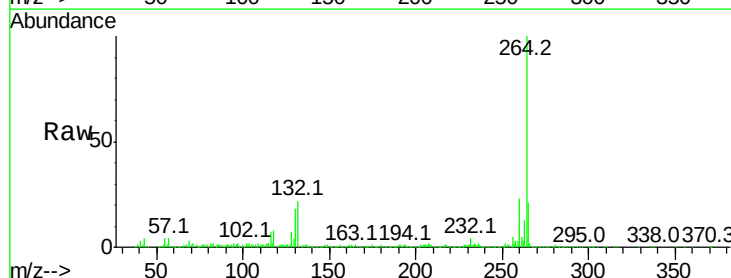


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

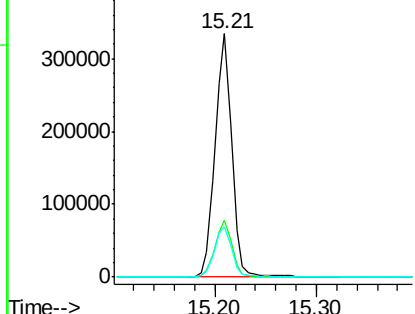
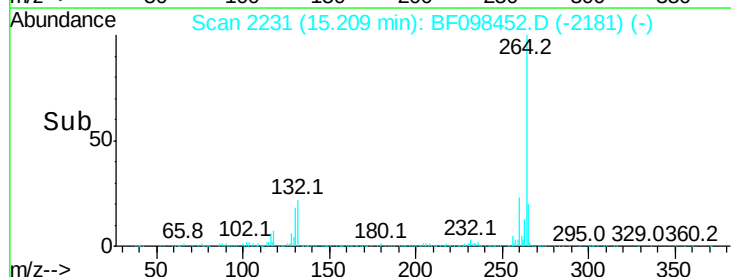


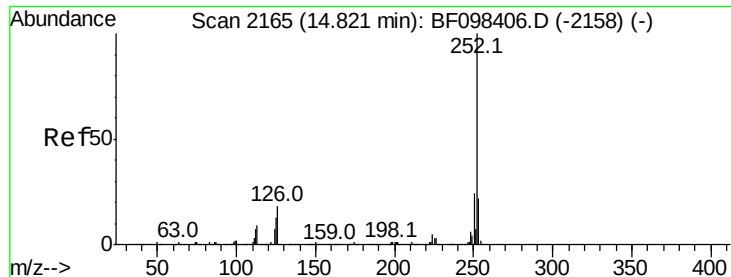
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.21 min Scan# 2231
 Delta R.T. -0.01 min
 Lab File: BF098452.D
 Acq: 12 Sep 2017 16:07

Tgt Ion:264 Resp: 385418
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.5 29.3
 265 20.7 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

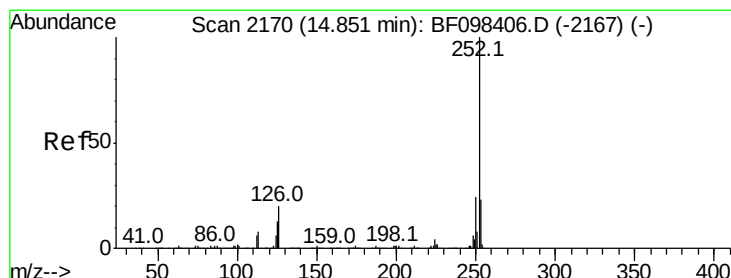
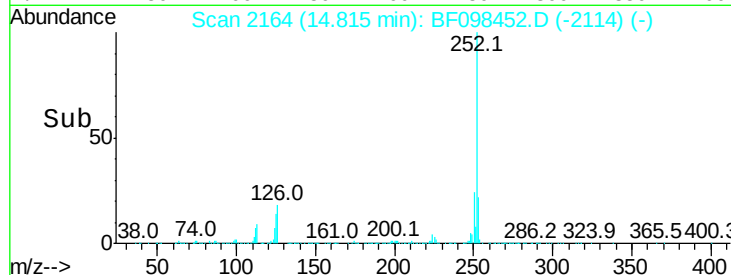
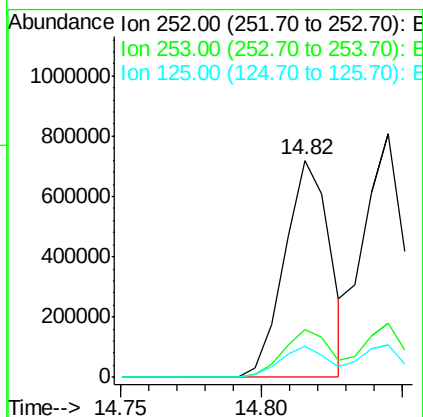
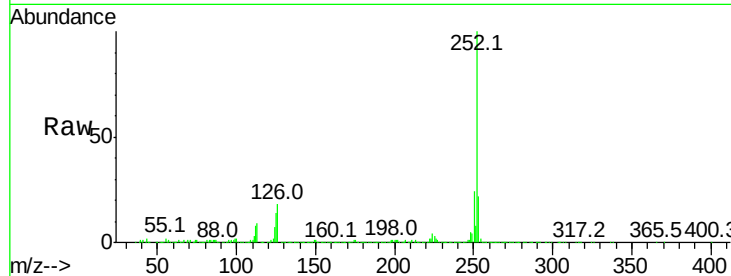




#87
Benzo(b)fluoranthene
Concen: 32.988 ng
RT: 14.82 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BF098452.D
Acq: 12 Sep 2017 16:07

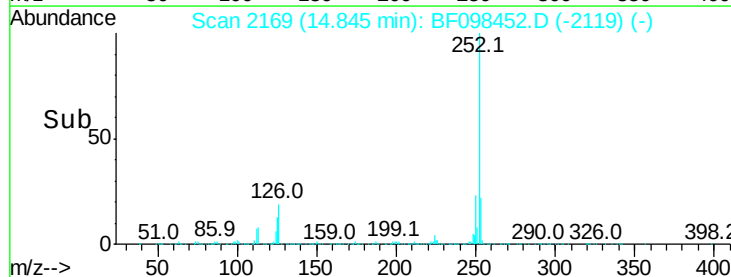
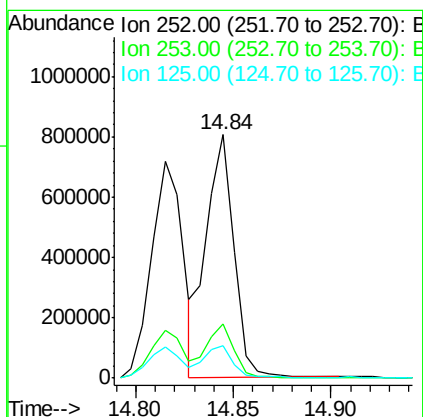
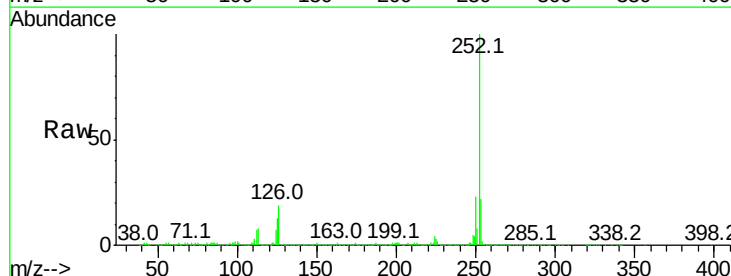
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-011-AMSD

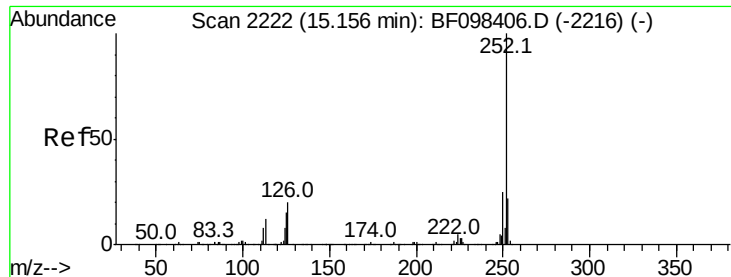
Tot Ion:252 Resp: 799433
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 14.4 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 35.124 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF098452.D
Acq: 12 Sep 2017 16:07

Tgt Ion:252 Resp: 794643
Ion Ratio Lower Upper
252 100
253 22.4 18.4 27.6
125 13.2 13.1 19.7





#89

Benzo(a)pyrene

Concen: 35.710 ng

RT: 15.16 min Scan# 2222

Delta R.T. 0.00 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-011-AMSD

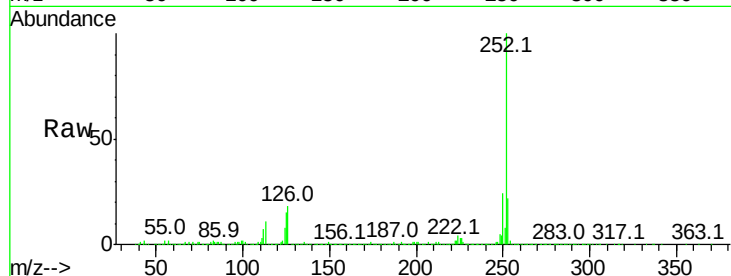
Tot Ion:252 Resp: 770979

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

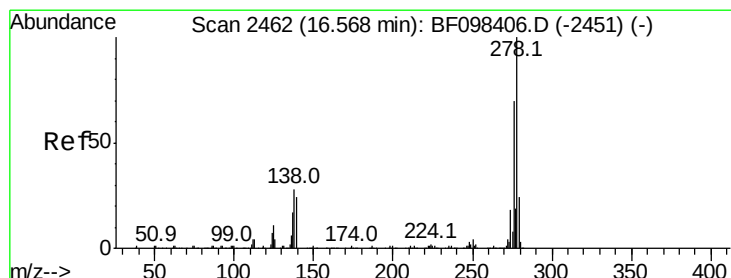
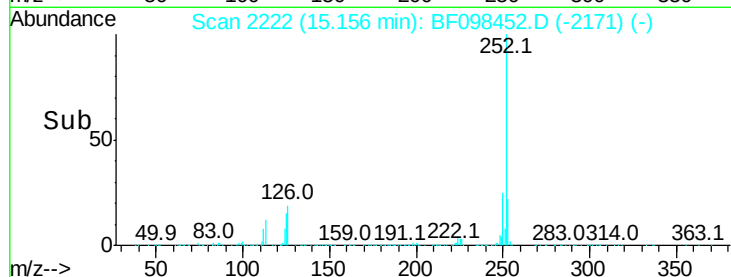
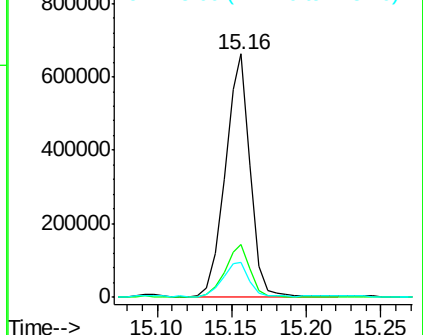
125 14.5 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 36.142 ng

RT: 16.56 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

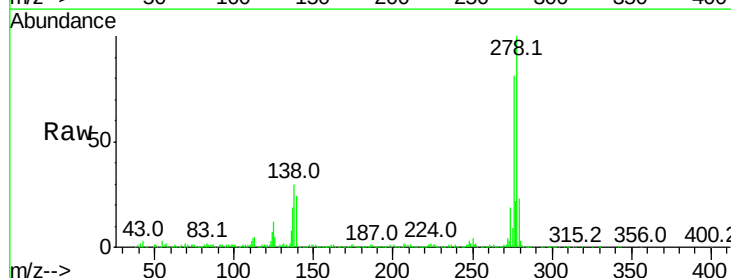
Tgt Ion:278 Resp: 567631

Ion Ratio Lower Upper

278 100

139 23.6 16.6 24.8

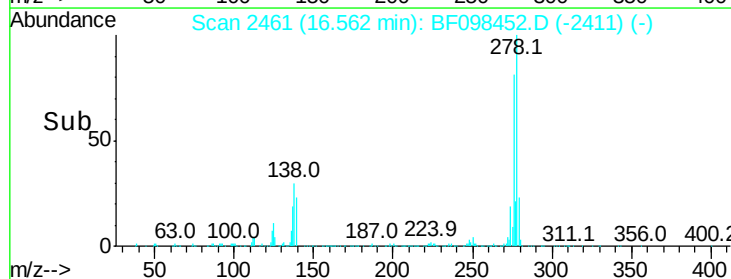
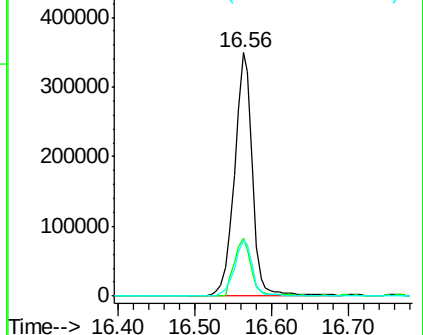
279 22.9 19.3 28.9

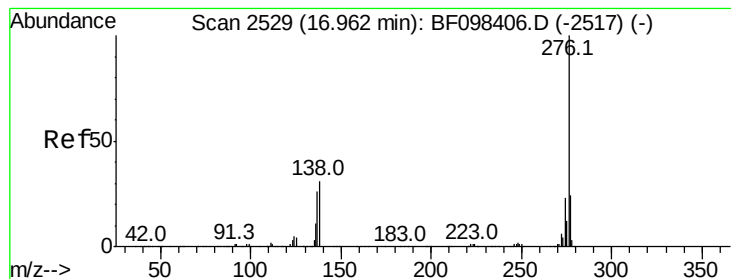


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 34.233 ng

RT: 16.96 min Scan# 2528

Delta R.T. -0.01 min

Lab File: BF098452.D

Acq: 12 Sep 2017 16:07

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-011-AMSD

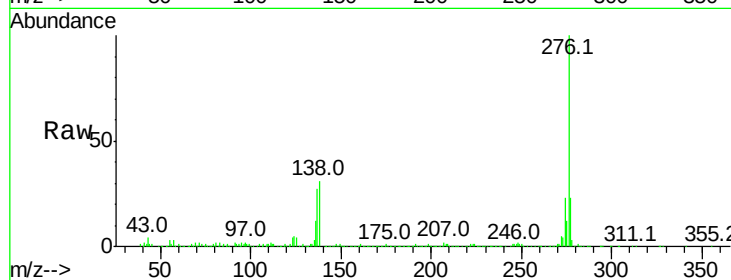
Tot Ion:276 Resp: 540760

Ion Ratio Lower Upper

276 100

277 23.4 18.6 28.0

138 30.7 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

