

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
 Data File : BF104942.D
 Acq On : 30 Apr 2018 19:27
 Operator : JU/SJ
 Sample : J2613-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-018-AMSD

Quant Time: May 01 04:36:07 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 15:20:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	116480	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	474456	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	210907	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	352630	20.00	ng	0.00
75) Chrysene-d12	13.97	240	219183	20.00	ng	0.00
86) Perylene-d12	15.43	264	198018	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	725852	95.28	ng	0.01
7) Phenol-d6	6.44	99	884775	94.53	ng	0.00
23) Nitrobenzene-d5	7.36	82	548339	75.47	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	209699	95.85	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	977071	73.19	ng	0.00
78) Terphenyl-d14	12.91	244	767774	79.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	88681	24.984	ng	87
3) Pyridine	3.29	79	236219	23.670	ng	85
4) n-Nitrosodimethylamine	3.25	42	102508	29.384	ng	# 77
6) Aniline	6.46	93	226995	17.456	ng	# 63
8) 2-Chlorophenol	6.58	128	270913	33.694	ng	93
9) Benzaldehyde	6.34	77	101371	17.584	ng	98
10) Phenol	6.45	94	330273	33.257	ng	84
11) bis(2-Chloroethyl)ether	6.53	93	248787	31.392	ng	94
12) 1,3-Dichlorobenzene	6.73	146	283258	31.097	ng	99
13) 1,4-Dichlorobenzene	6.81	146	288171	31.737	ng	99
14) 1,2-Dichlorobenzene	6.96	146	268934	31.961	ng	98
15) Benzyl Alcohol	6.94	79	212240	29.855	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	282543	26.547	ng	76
17) 2-Methylphenol	7.06	107	220359	31.529	ng	# 93
18) Hexachloroethane	7.30	117	97695	30.177	ng	99
19) n-Nitroso-di-n-propylamine	7.21	70	170609	27.894	ng	91
20) 3+4-Methylphenols	7.21	107	275035	31.730	ng	# 78
22) Acetophenone	7.20	105	359355	30.764	ng	99
24) Nitrobenzene	7.38	77	267242	33.313	ng	95
25) Isophorone	7.62	82	482764	31.420	ng	99
26) 2-Nitrophenol	7.69	139	139266	42.643	ng	97
27) 2,4-Dimethylphenol	7.73	122	233610	34.450	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	311787	33.189	ng	99
29) 2,4-Dichlorophenol	7.94	162	223098	34.481	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	229069	32.260	ng	99
31) Naphthalene	8.10	128	750606	31.771	ng	100
32) Benzoic acid	7.83	122	41309	7.635	ng	98
33) 4-Chloroaniline	8.15	127	135641	13.401	ng	96
34) Hexachlorobutadiene	8.21	225	124344	31.970	ng	99
35) Caprolactam	8.52	113	68295	30.258	ng	# 76
36) 4-Chloro-3-methylphenol	8.65	107	230191	33.180	ng	98
37) 2-Methylnaphthalene	8.79	142	495481	32.422	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	214381	35.509	ng	99
40) Hexachlorocyclopentadiene	8.93	237	53692	15.886	ng	93

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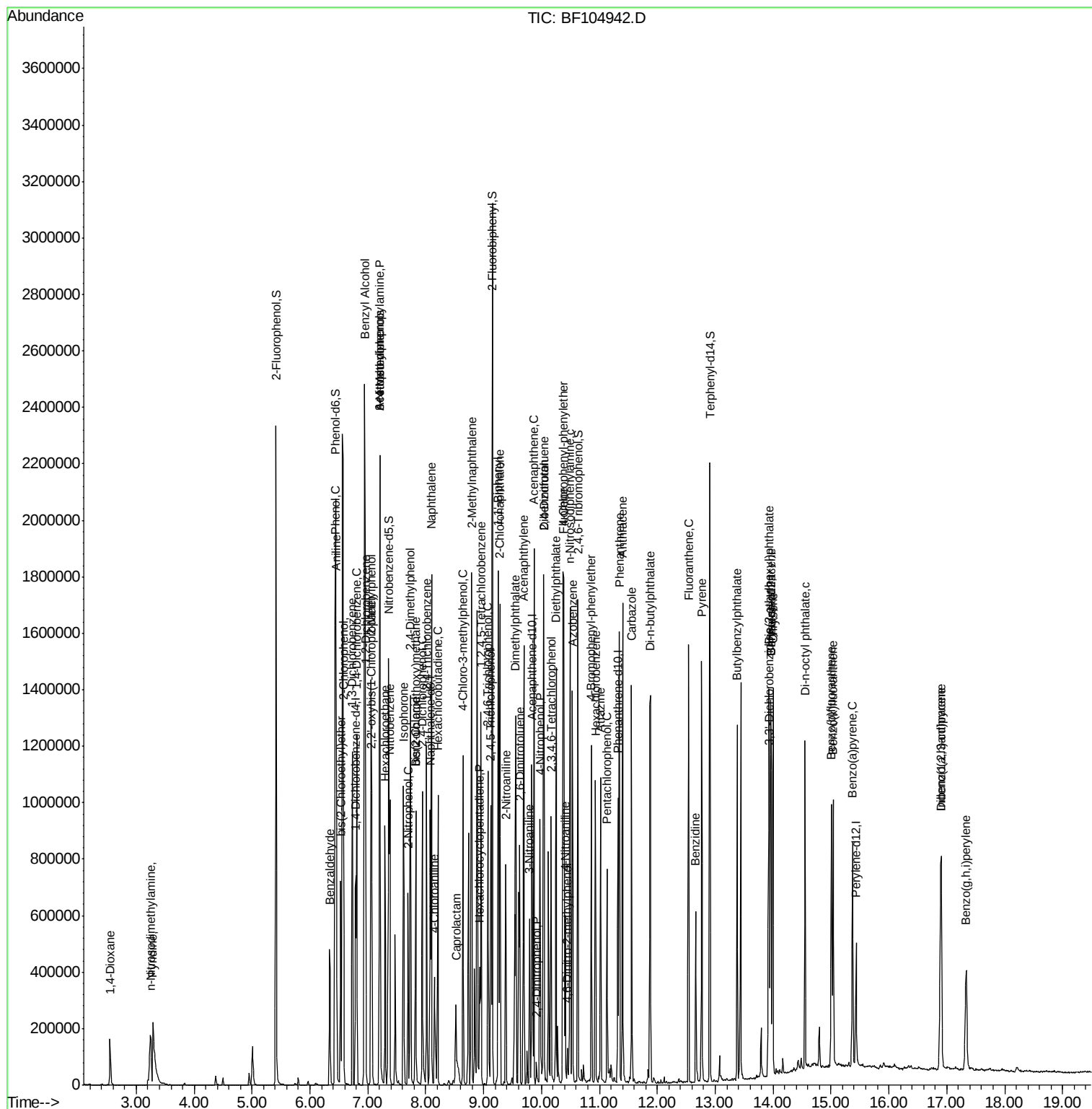
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42) 2,4,6-Trichlorophenol	9.07	196	144158	34.397	nq	98
43) 2,4,5-Trichlorophenol	9.12	196	152962	32.615	nq	96
45) 1,1'-Biphenyl	9.25	154	590811	33.346	nq	99
46) 2-Chloronaphthalene	9.28	162	461433	32.972	nq	99
47) 2-Nitroaniline	9.38	65	134644	38.904	nq	98
48) Acenaphthylene	9.70	152	675225	30.752	nq	99
49) Dimethylphthalate	9.55	163	631175	37.950	nq	100
50) 2,6-Dinitrotoluene	9.63	165	119862	38.948	nq #	84
51) Acenaphthene	9.87	154	396411	29.590	nq	99
52) 3-Nitroaniline	9.80	138	97394	27.033	nq	90
53) 2,4-Dinitrophenol	9.91	184	12657	18.752	nq #	25
54) Dibenzofuran	10.04	168	590376	31.622	nq	97
55) 4-Nitrophenol	9.97	139	149207	52.721	nq	97
56) 2,4-Dinitrotoluene	10.03	165	141235	34.987	nq #	96
57) Fluorene	10.39	166	471860	34.723	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	109831	31.390	nq	94
59) Diethylphthalate	10.25	149	523854	31.626	nq	99
60) 4-Chlorophenyl-phenylether	10.37	204	220173	36.380	nq	95
61) 4-Nitroaniline	10.41	138	113675	32.269	nq	95
62) Azobenzene	10.53	77	460345	29.090	nq	94
64) 4,6-Dinitro-2-methylphenol	10.45	198	17655	16.054	nq #	74
65) n-Nitrosodiphenylamine	10.49	169	419974	34.349	nq	100
66) 4-Bromophenyl-phenylether	10.86	248	131092	34.950	nq	93
67) Hexachlorobenzene	10.93	284	142862	33.850	nq #	87
68) Atrazine	11.02	200	130302	35.307	nq	99
69) Pentachlorophenol	11.13	266	96871	37.101	nq	97
70) Phenanthrene	11.35	178	640539	32.618	nq	99
71) Anthracene	11.40	178	653898	32.757	nq	99
72) Carbazole	11.56	167	568080	29.123	nq	100
73) Di-n-butylphthalate	11.88	149	766448	32.166	nq	98
74) Fluoranthene	12.54	202	593765	28.939	nq	97
76) Benzidine	12.66	184	237663	29.530	nq	98
77) Pyrene	12.77	202	579731	35.683	nq	99
79) Butylbenzylphthalate	13.38	149	273631	35.750	nq	95
80) Benzo(a)anthracene	13.96	228	463501	35.397	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	147000	30.109	nq	98
82) Chrysene	14.00	228	432187	32.133	nq	99
83) Bis(2-ethylhexyl)phthalate	13.93	149	378001	38.395	nq	99
84) Di-n-octyl phthalate	14.55	149	592137	35.996	nq #	93
85) Indeno(1,2,3-cd)pyrene	16.90	276	373396	32.681	nq	95
87) Benzo(b)fluoranthene	15.01	252	409835	32.770	nq	99
88) Benzo(k)fluoranthene	15.04	252	393902	33.361	nq	97
89) Benzo(a)pyrene	15.37	252	376465	33.642	nq	99
90) Dibenzo(a,h)anthracene	16.90	278	312709	34.025	nq	97
91) Benzo(g,h,i)perylene	17.33	276	299929	33.685	nq	95

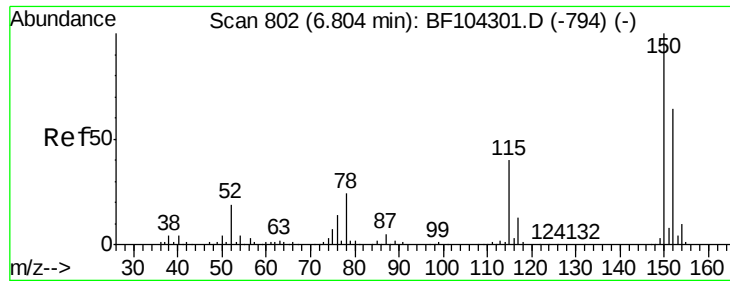
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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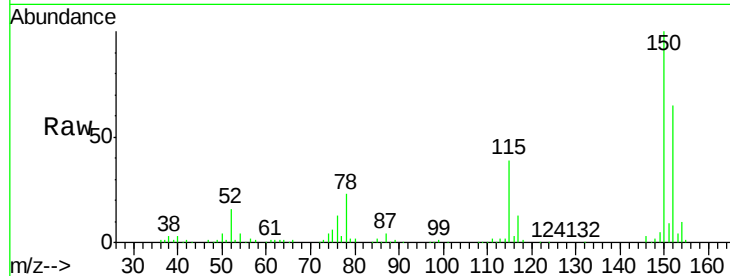


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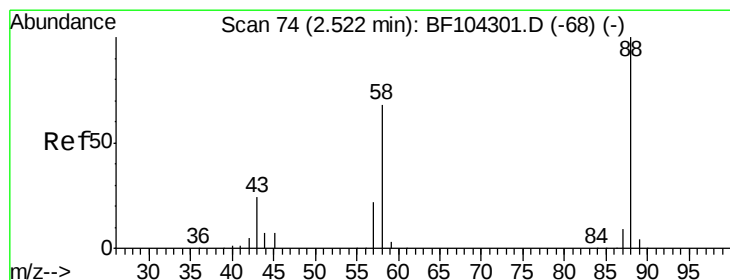
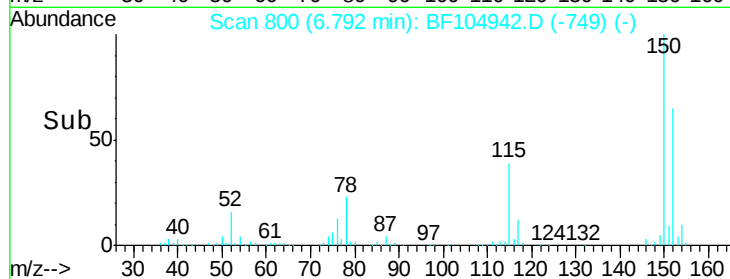
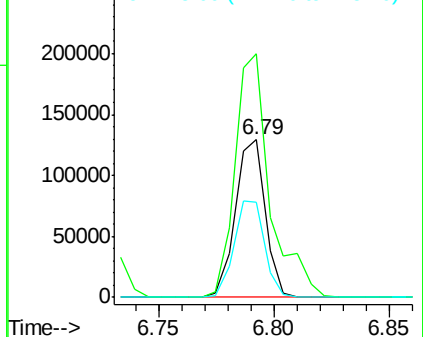
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF104942.D
 Acq: 30 Apr 2018 19:27

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-018-AMSD

Tot Ion:152 Resp: 116480
 Ion Ratio Lower Upper
 152 100
 150 154.7 124.6 186.8
 115 60.4 50.1 75.1



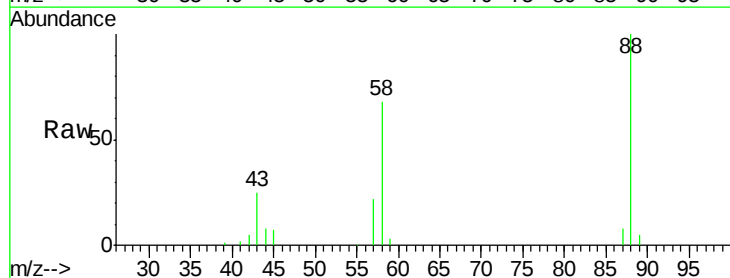
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



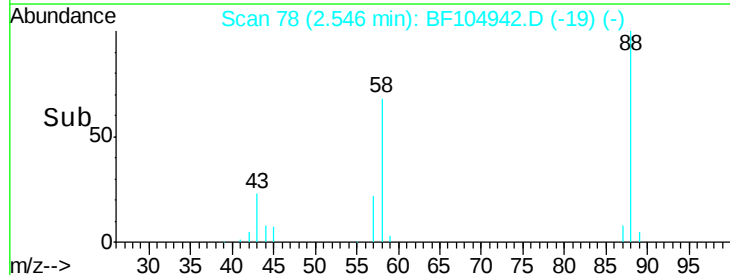
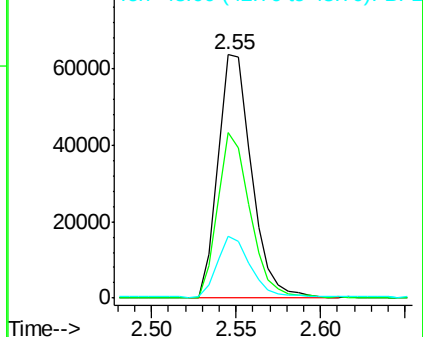
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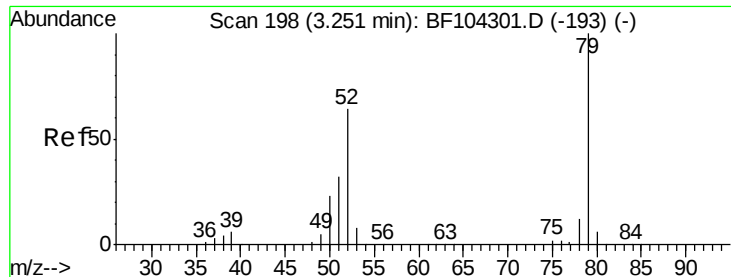
1,4-Dioxane
 Concen: 24.984 ng
 RT: 2.55 min Scan# 78
 Delta R.T. 0.05 min
 Lab File: BF104942.D
 Acq: 30 Apr 2018 19:27

Tgt Ion: 88 Resp: 88681
 Ion Ratio Lower Upper
 88 100
 58 65.9 62.6 93.8
 43 26.0 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
 Ion 58.00 (57.70 to 58.70): BF1
 Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 23.670 ng

RT: 3.29 min Scan# 205

Delta R.T. 0.06 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-018-AMSD

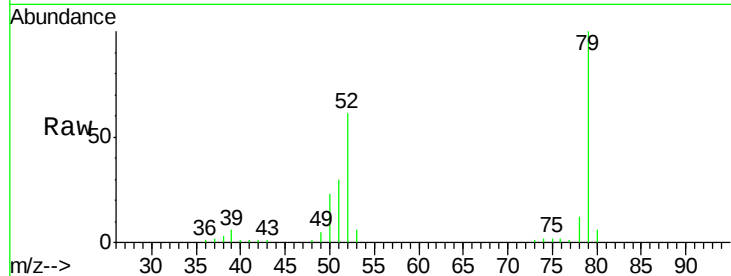
Tot Ion: 79 Resp: 236219

Ion Ratio Lower Upper

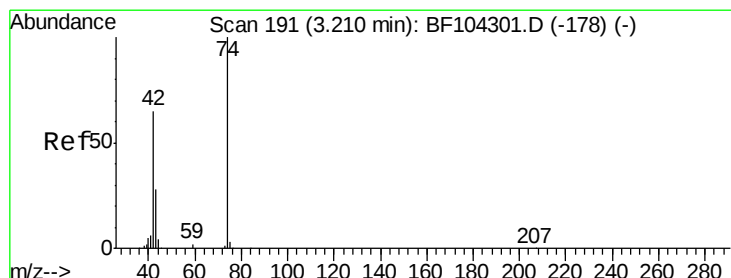
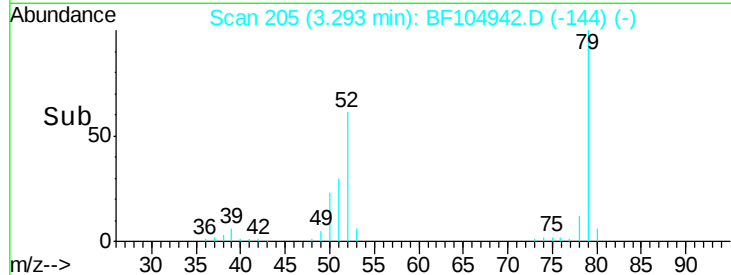
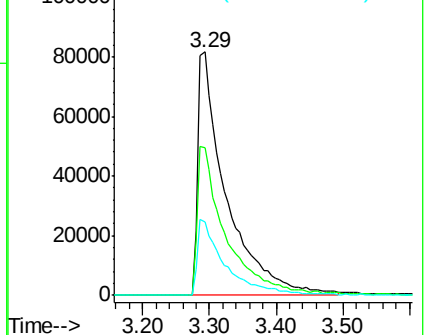
79 100

52 60.7 59.8 89.6

51 30.3 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 29.384 ng

RT: 3.25 min Scan# 197

Delta R.T. 0.04 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

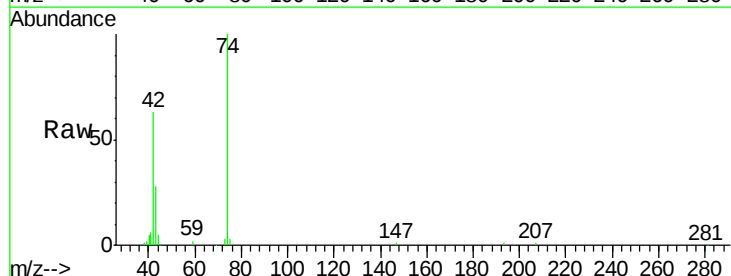
Tgt Ion: 42 Resp: 102508

Ion Ratio Lower Upper

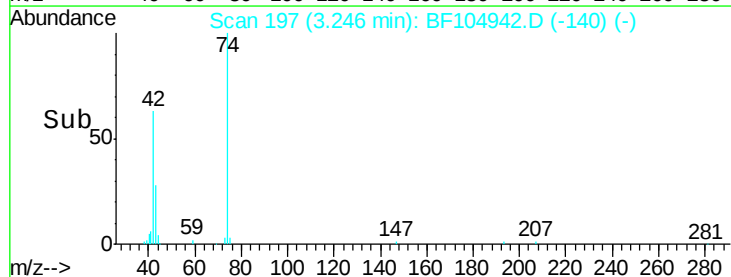
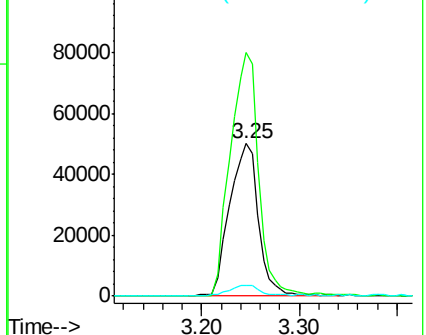
42 100

74 159.5 104.9 157.3#

44 7.2 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 95.284 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

Instrument :

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ClientSampleId :

FK-GF-02-018-AMSD

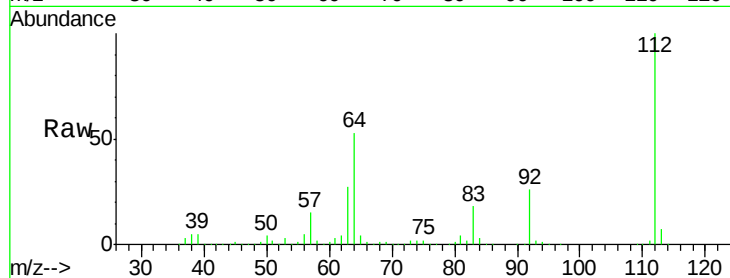
Tot Ion:112 Resp: 725852

Ion Ratio Lower Upper

112 100

64 53.0 47.9 71.9

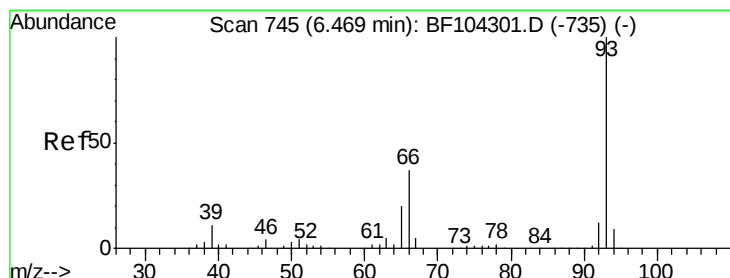
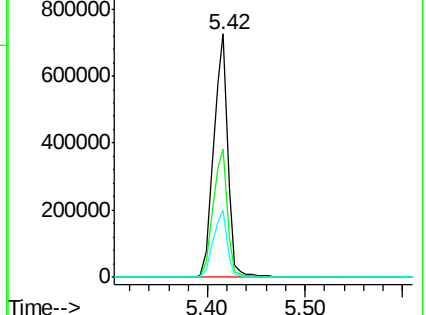
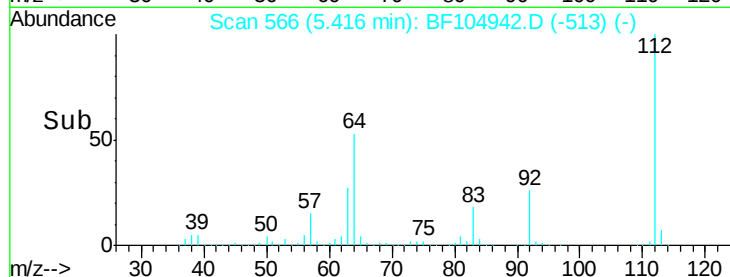
63 27.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 17.456 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

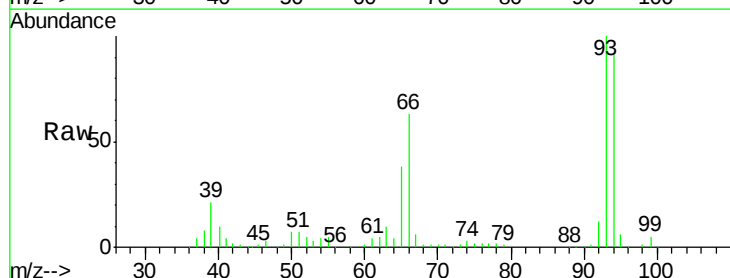
Tgt Ion: 93 Resp: 226995

Ion Ratio Lower Upper

93 100

66 62.6 32.2 48.2#

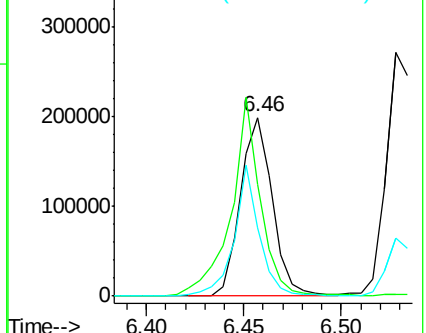
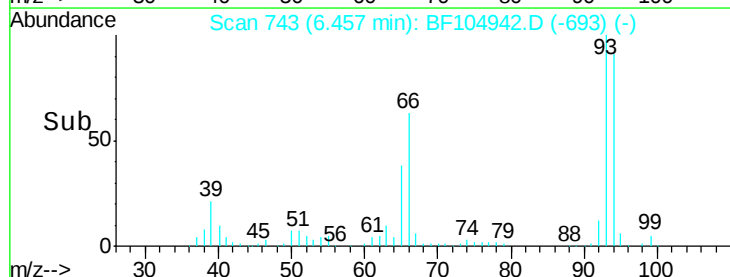
65 38.3 16.4 24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 94.530 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF104942.D

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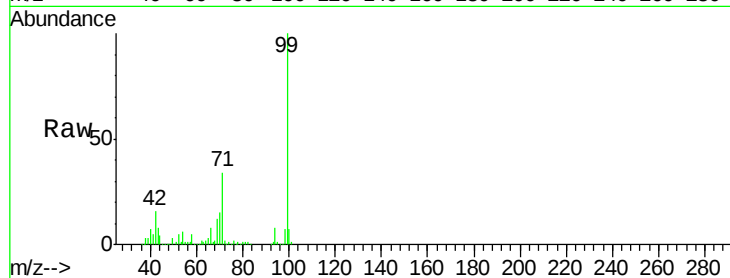
Tot Ion: 99 Resp: 884775

Ion Ratio Lower Upper

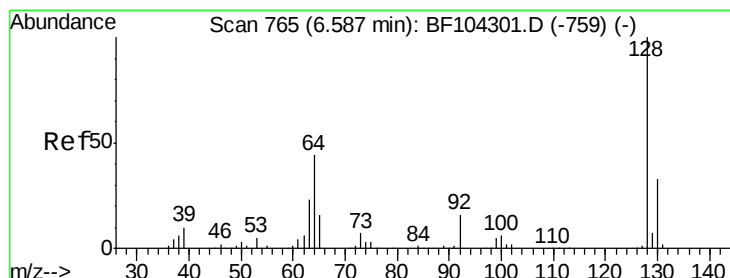
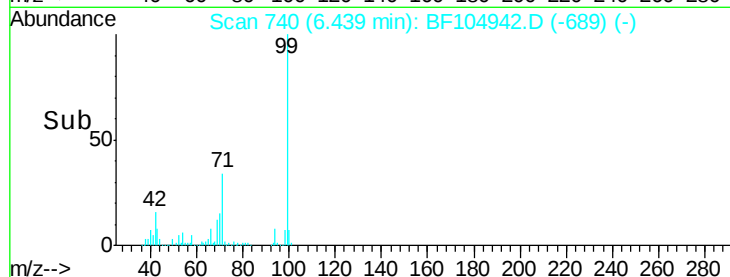
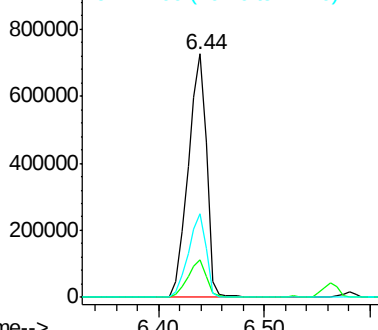
99 100

42 15.5 14.5 21.7

71 34.2 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 33.694 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

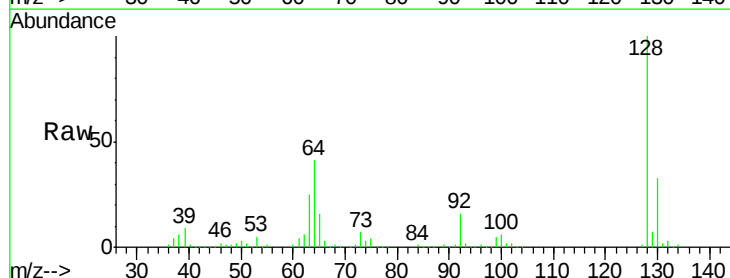
Tgt Ion: 128 Resp: 270913

Ion Ratio Lower Upper

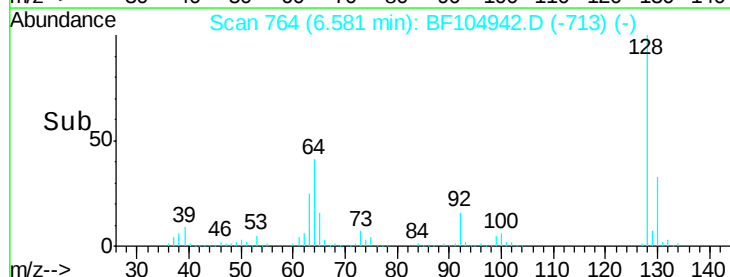
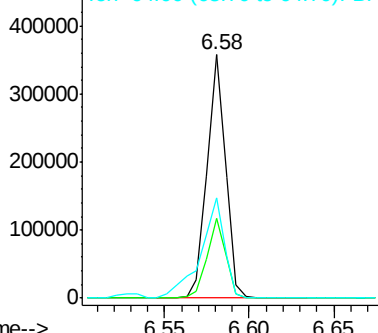
128 100

130 32.9 13.0 53.0

64 41.3 29.4 69.4



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): BF1

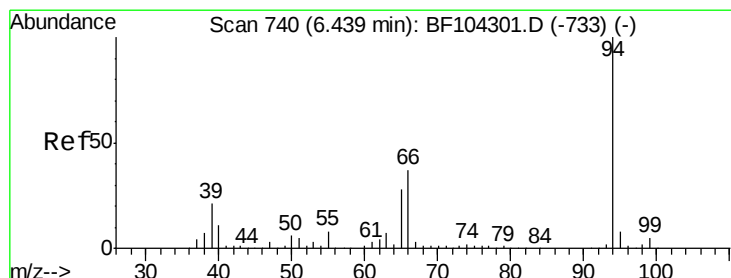
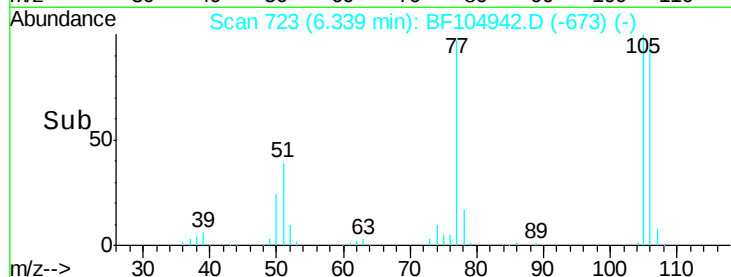
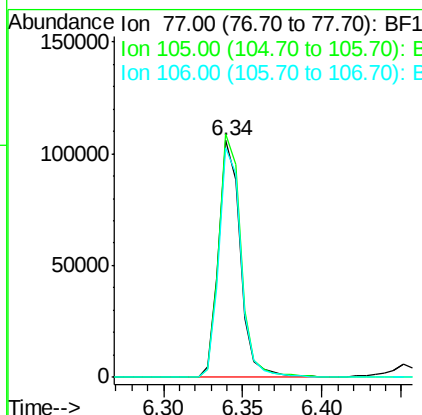
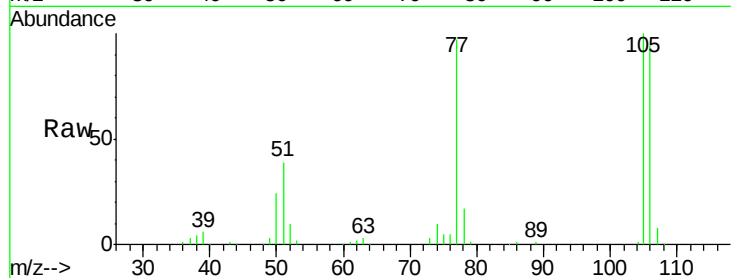




#9
Benzaldehyde
Concen: 17.584 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF104942.D
Acq: 30 Apr 2018 19:27

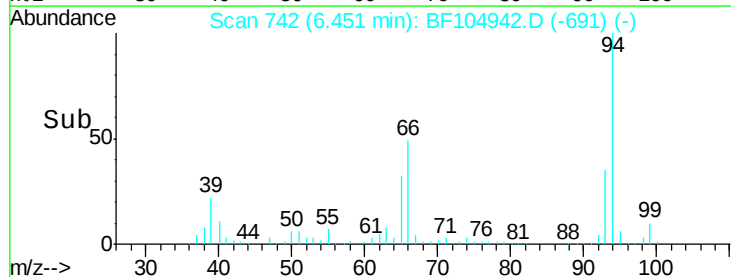
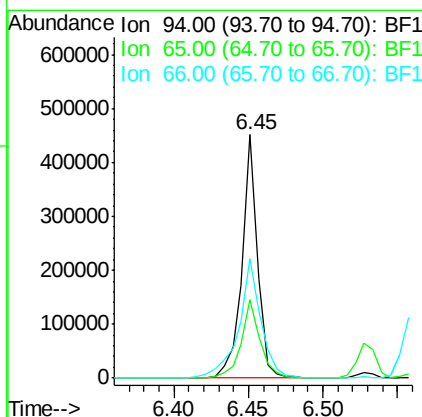
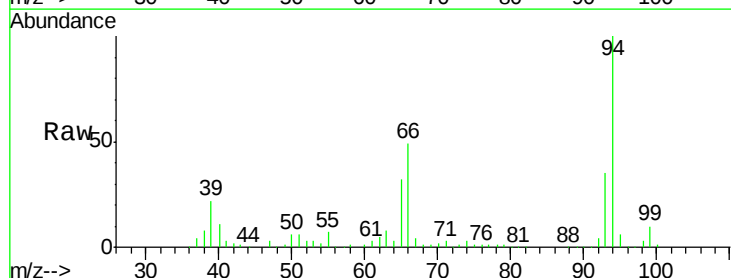
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-018-AMSD

Tot Ion: 77 Resp: 101371
Ion Ratio Lower Upper
77 100
105 102.7 81.1 121.1
106 96.8 74.5 114.5



#10
Phenol
Concen: 33.257 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.00 min
Lab File: BF104942.D
Acq: 30 Apr 2018 19:27

Tgt Ion: 94 Resp: 330273
Ion Ratio Lower Upper
94 100
65 32.3 7.9 47.9
66 49.2 16.2 56.2

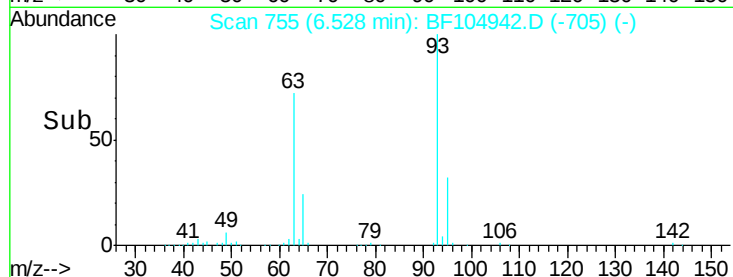
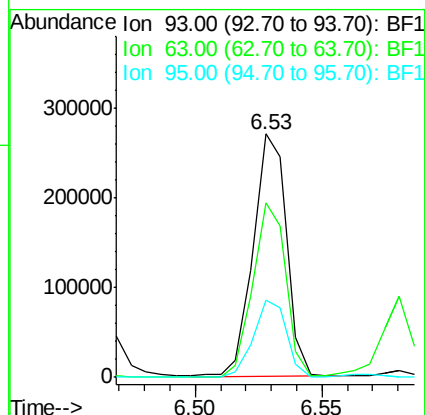
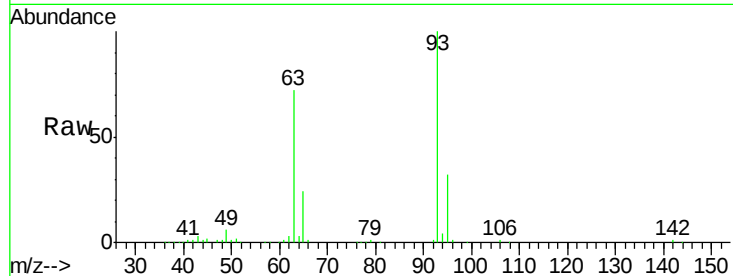




#11
 bis(2-Chloroethyl)ether
 Concen: 31.392 ng
 RT: 6.53 min Scan# 755
 Delta R.T. -0.01 min
 Lab File: BF104942.D
 Acq: 30 Apr 2018 19:27

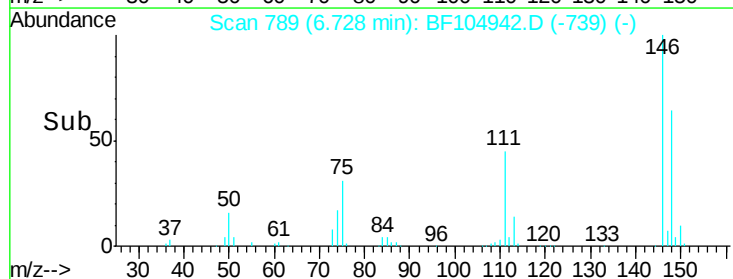
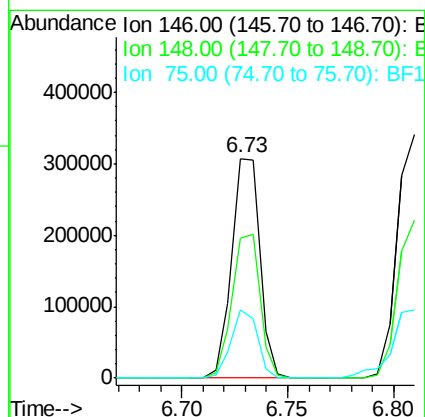
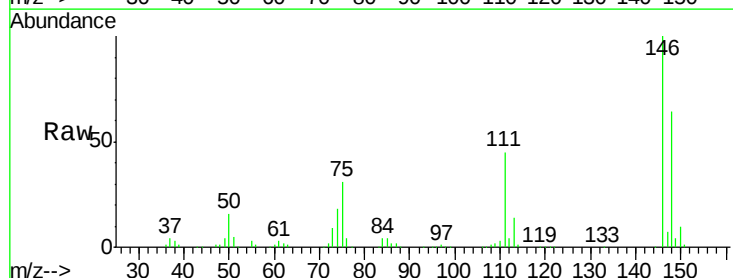
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-018-AMSD

Tot Ion: 93 Resp: 248787
 Ion Ratio Lower Upper
 93 100
 63 71.7 58.6 98.6
 95 32.0 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 31.097 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF104942.D
 Acq: 30 Apr 2018 19:27

Tgt Ion: 146 Resp: 283258
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.8 77.8
 75 31.2 24.2 36.4

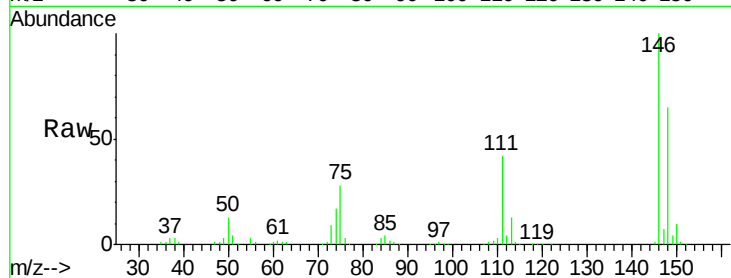




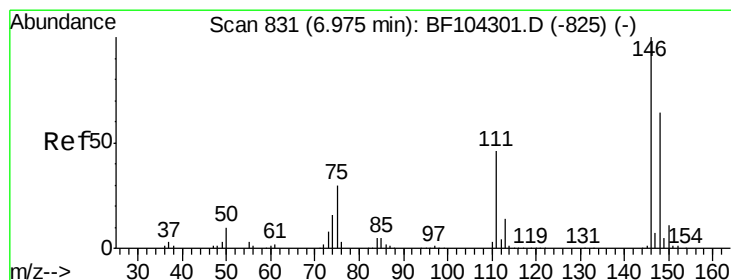
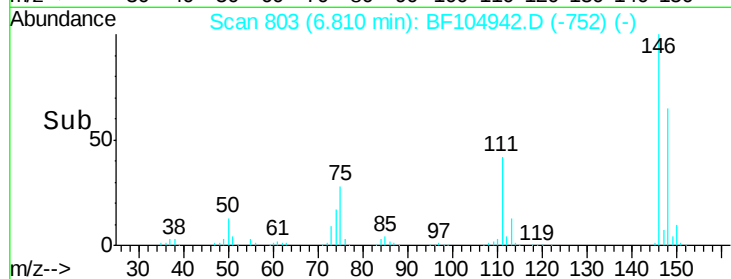
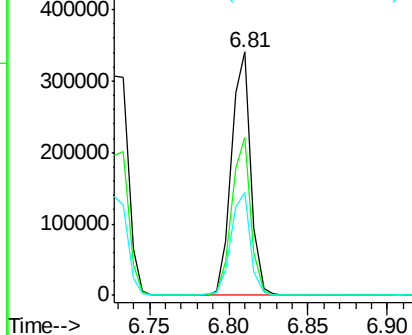
#13
 1,4-Dichlorobenzene
 Concen: 31.737 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF104942.D
 Acq: 30 Apr 2018 19:27

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-018-AMSD

Tot Ion:146 Resp: 288171
 Ion Ratio Lower Upper
 146 100
 148 64.8 50.8 76.2
 111 42.1 34.2 51.2

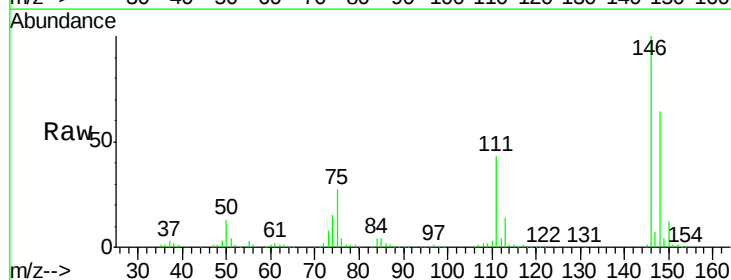


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

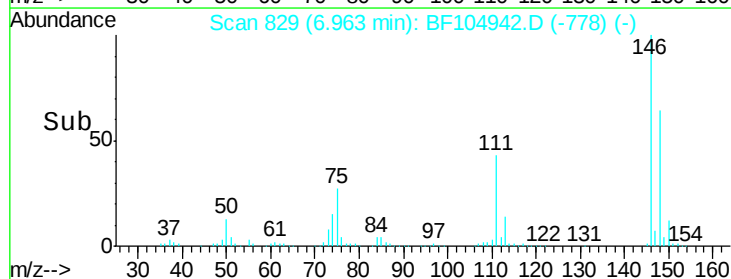
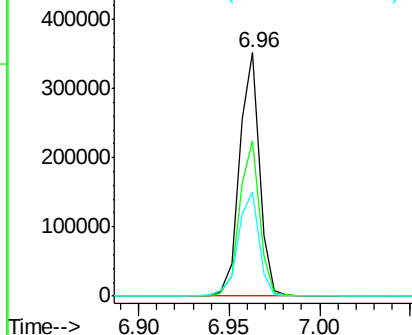


#14
 1,2-Dichlorobenzene
 Concen: 31.961 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF104942.D
 Acq: 30 Apr 2018 19:27

Tgt Ion:146 Resp: 268934
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.6 75.8
 111 42.9 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 29.855 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-018-AMSD

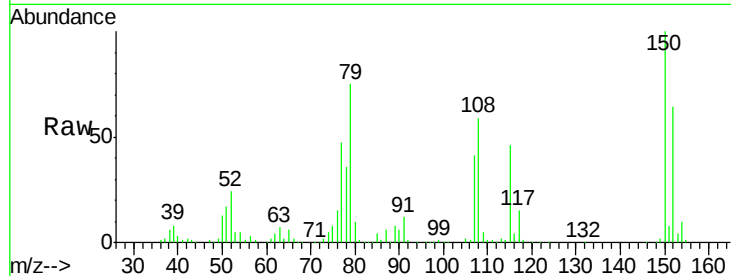
Tot Ion: 79 Resp: 212240

Ion Ratio Lower Upper

79 100

108 77.9 65.1 97.7

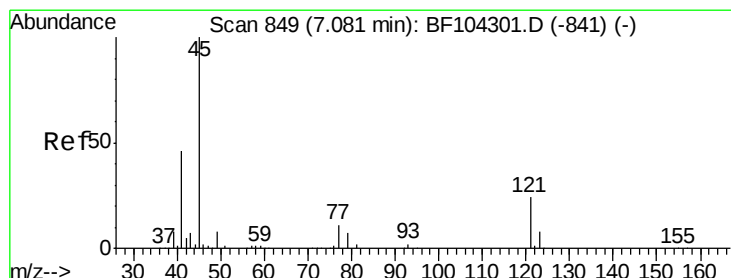
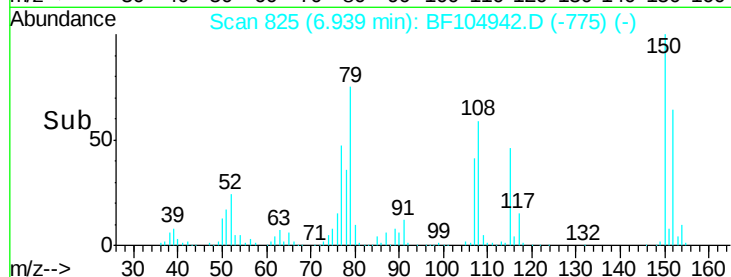
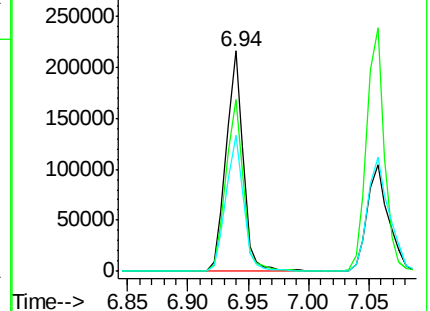
77 61.9 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 26.547 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.00 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

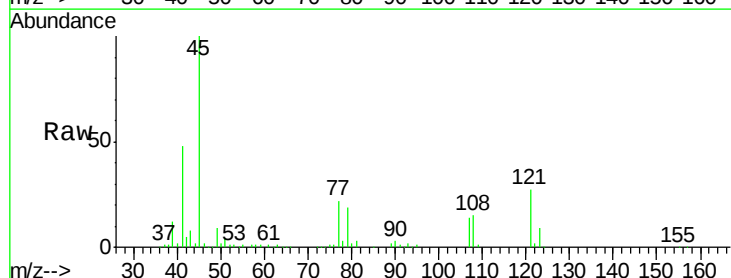
Tgt Ion: 45 Resp: 282543

Ion Ratio Lower Upper

45 100

77 22.0 0.0 32.9

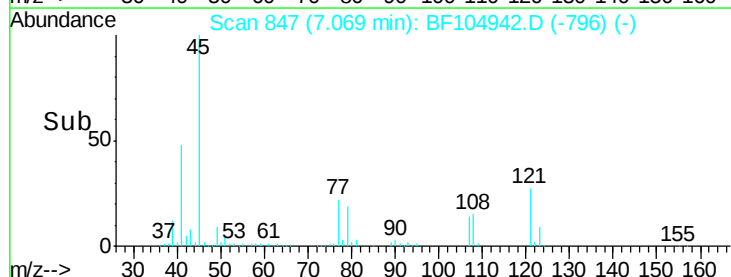
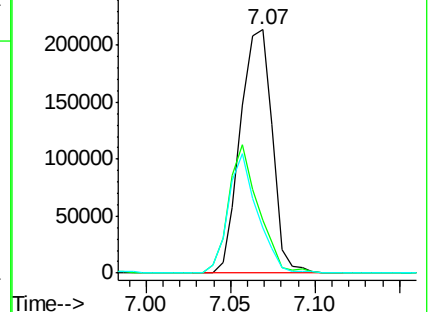
79 18.7 0.0 29.6

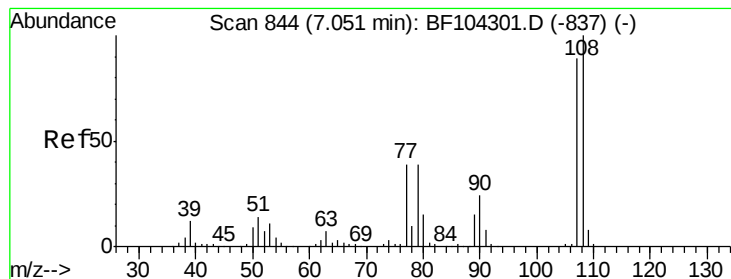


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 31.529 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.00 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-018-AMSD

Tot Ion:107 Resp: 220359

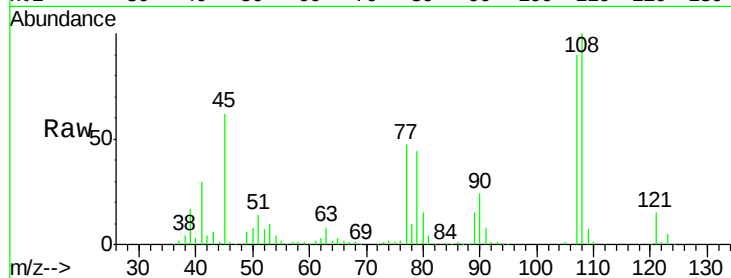
Ion Ratio Lower Upper

107 100

108 111.7 91.7 137.5

77 52.7 33.8 50.8#

79 49.2 33.8 50.8

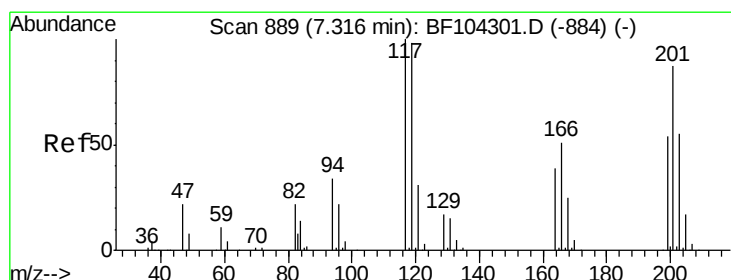
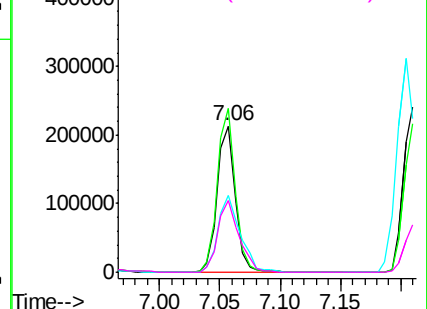
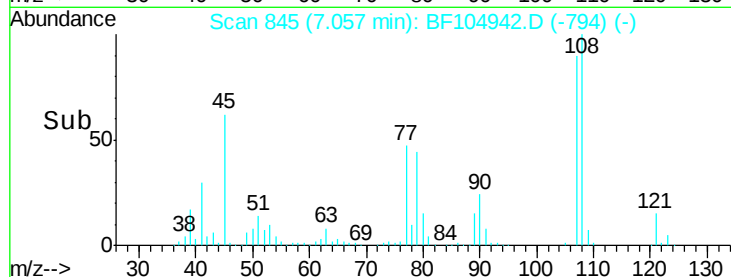


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 30.177 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.00 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

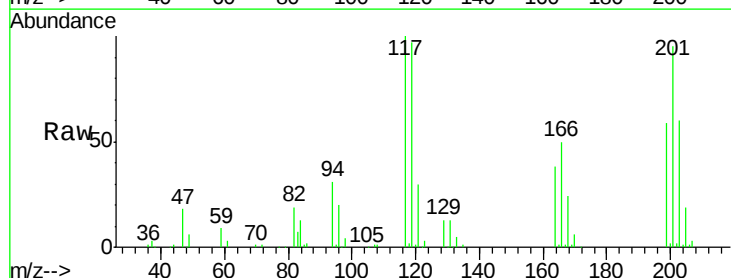
Tgt Ion:117 Resp: 97695

Ion Ratio Lower Upper

117 100

119 97.1 75.8 113.8

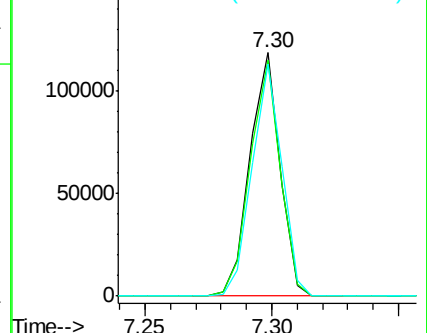
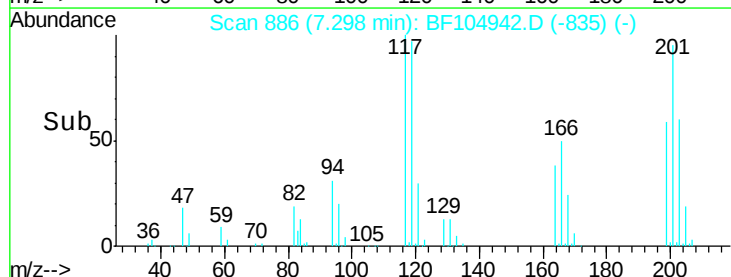
201 95.1 75.7 113.5

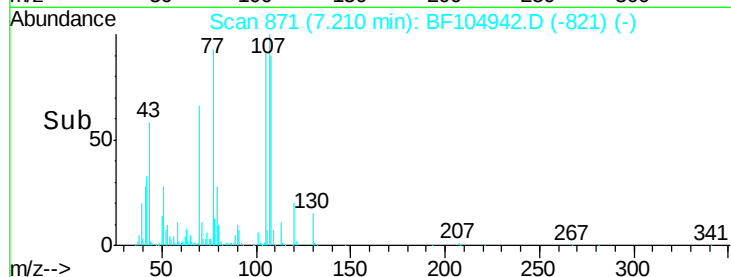
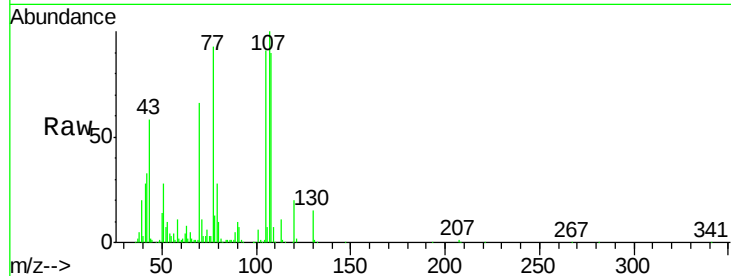
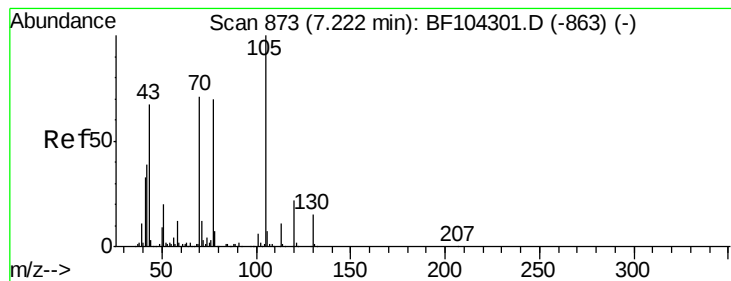


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 27.894 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-018-AMSD

Tot Ion: 70 Resp: 170609

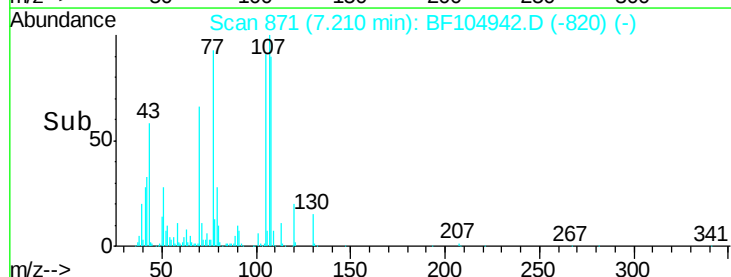
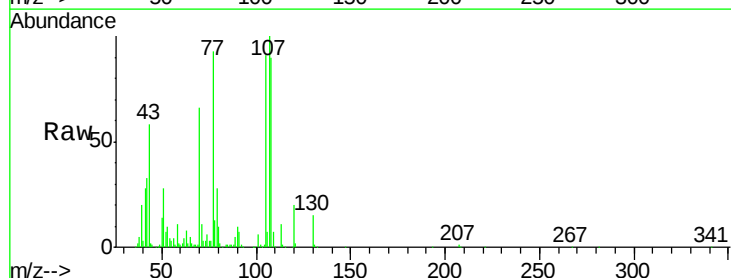
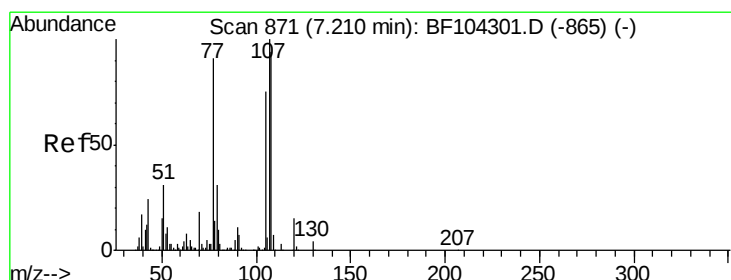
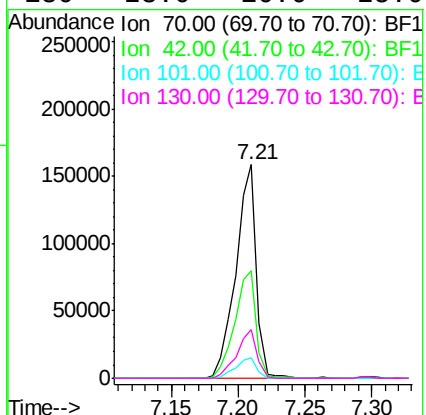
Ion Ratio Lower Upper

70 100

42 50.2 47.5 71.3

101 9.6 7.4 11.2

130 23.0 16.6 25.0



#20

3+4-Methylphenols

Concen: 31.730 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

Tgt Ion: 107 Resp: 275035

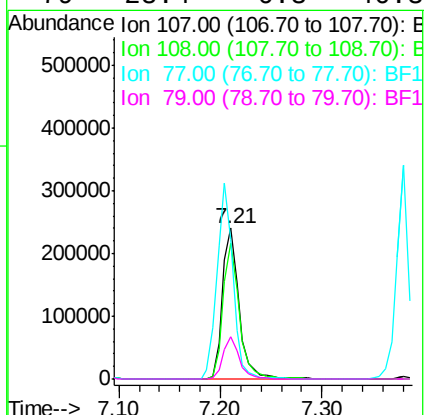
Ion Ratio Lower Upper

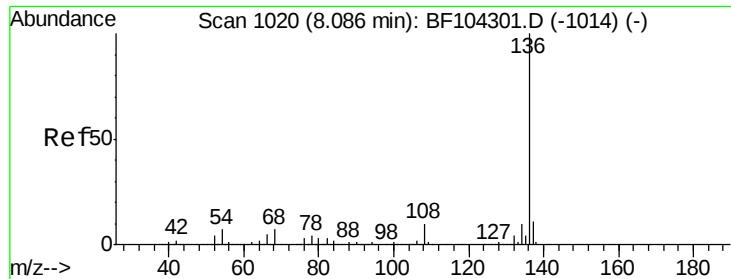
107 100

108 89.7 68.2 108.2

77 92.9 26.7 66.7#

79 28.4 6.3 46.3

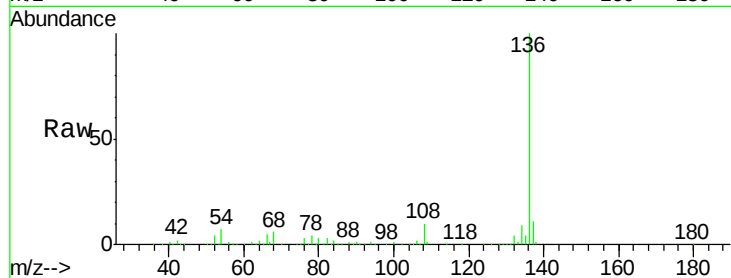




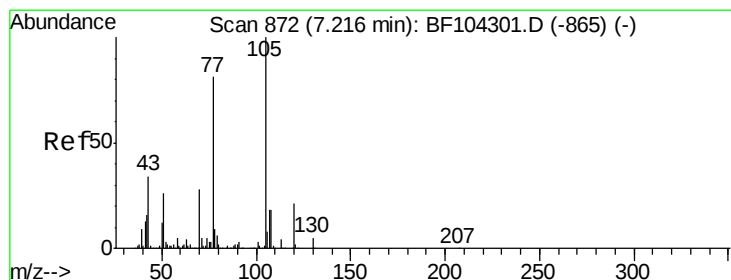
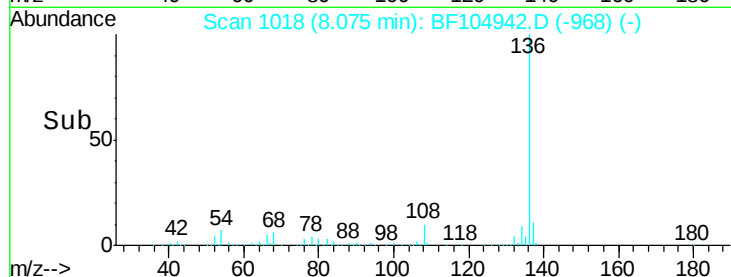
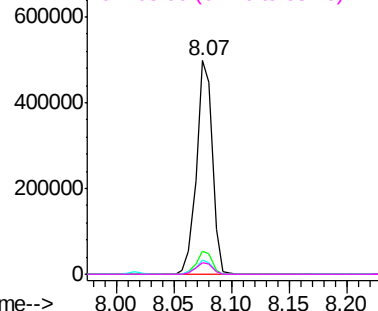
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF104942.D
Acq: 30 Apr 2018 19:27

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-018-AMSD

Tot Ion:136	Resp:	474456
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	6.6	6.6 9.8
68	5.6	5.0 7.4

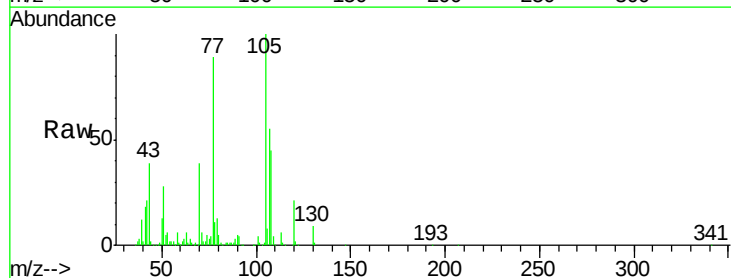


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

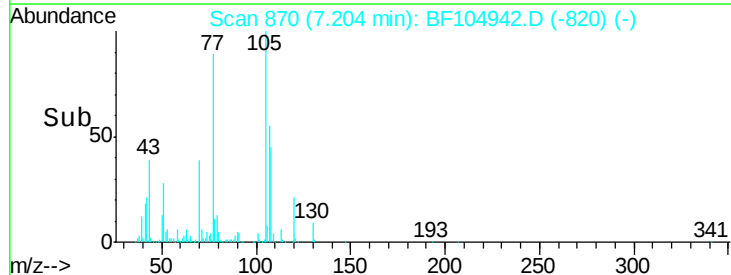
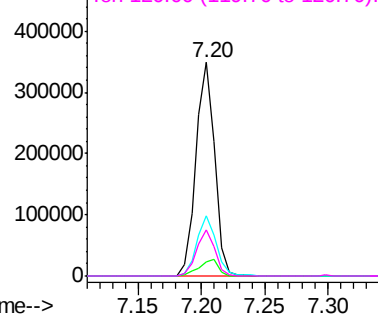


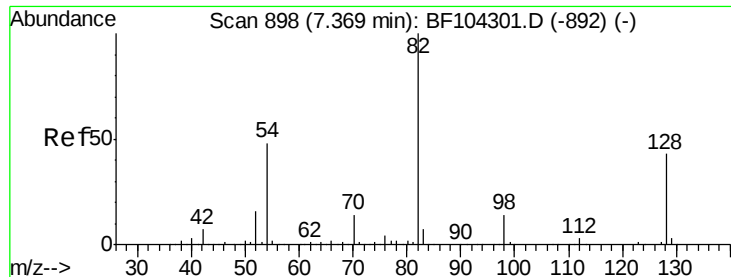
#22
Acetophenone
Concen: 30.764 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF104942.D
Acq: 30 Apr 2018 19:27

Tgt Ion:105	Resp:	359355
Ion Ratio	Lower	Upper
105	100	
71	6.5	4.4 6.6
51	28.0	22.3 33.5
120	21.3	16.9 25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

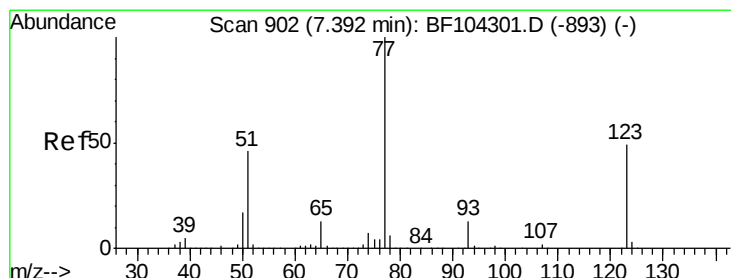
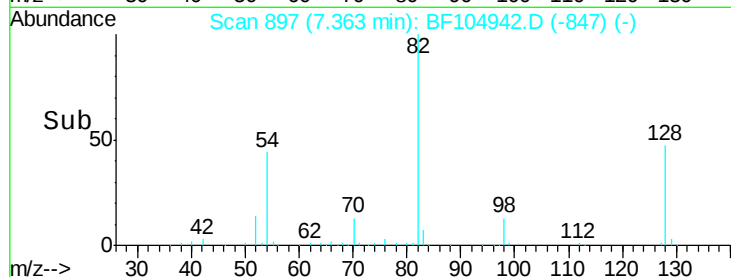
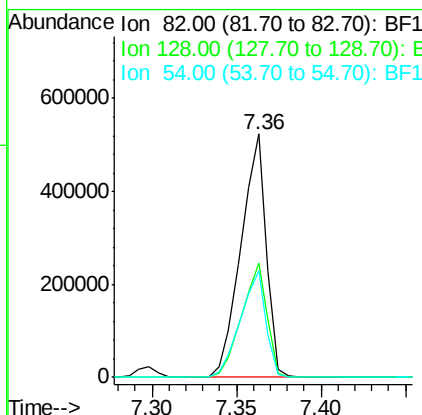
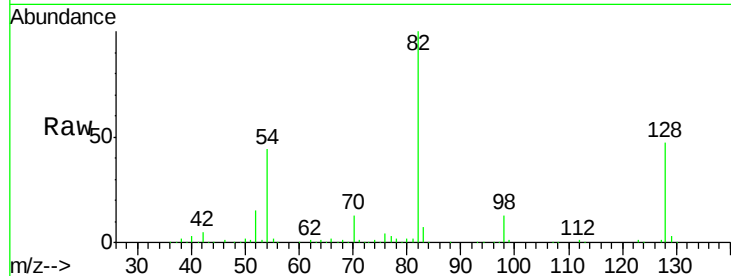




#23
 Nitrobenzene-d5
 Concen: 75.466 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF104942.D
 Acq: 30 Apr 2018 19:27

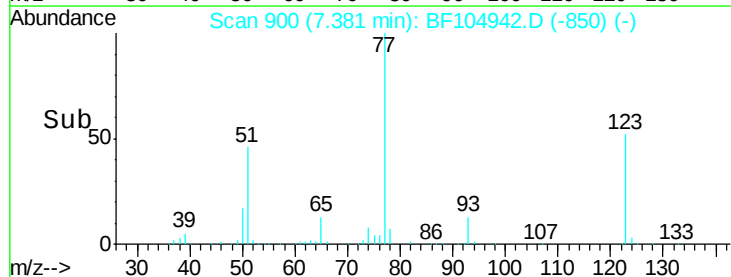
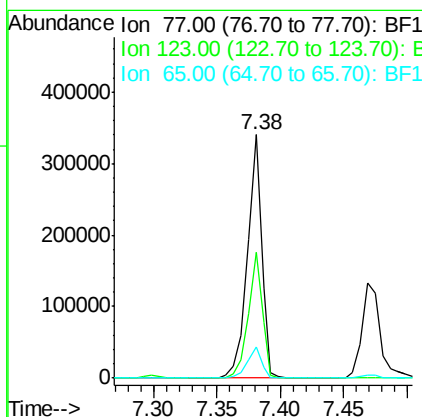
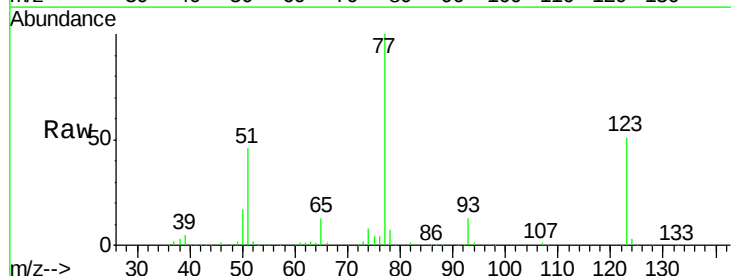
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-018-AMSD

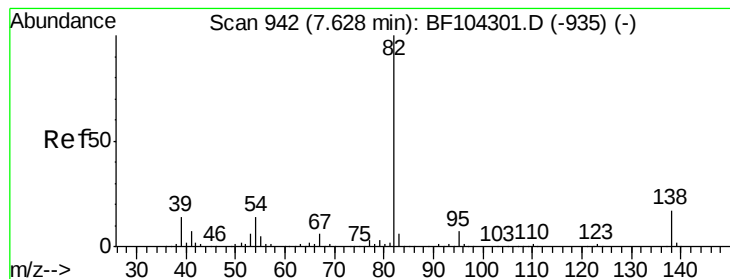
Tot Ion	82	Resp	548339
Ion Ratio	Lower	Upper	
82	100		
128	46.8	36.1	54.1
54	44.1	41.4	62.2



#24
 Nitrobenzene
 Concen: 33.313 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF104942.D
 Acq: 30 Apr 2018 19:27

Tgt Ion	77	Resp	267242
Ion Ratio	Lower	Upper	
77	100		
123	51.5	37.9	56.9
65	13.0	11.0	16.4





#25

Isophorone

Concen: 31.420 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-018-AMSD

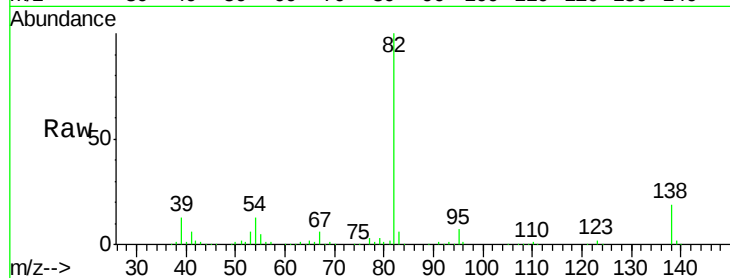
Tot Ion: 82 Resp: 482764

Ion Ratio Lower Upper

82 100

95 7.5 5.2 7.8

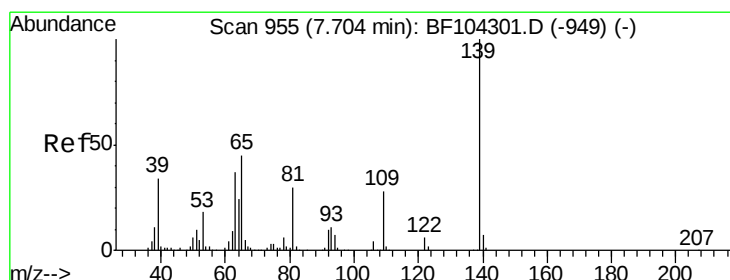
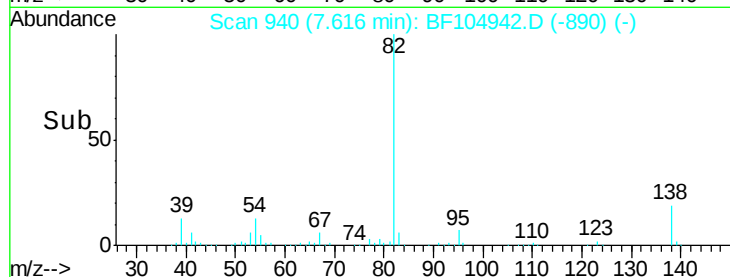
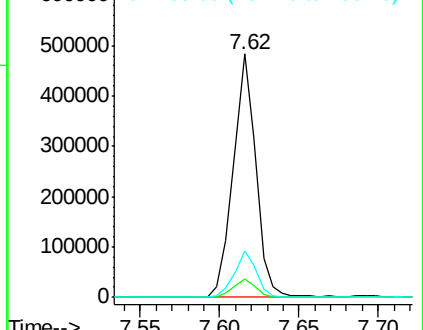
138 18.9 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 42.643 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

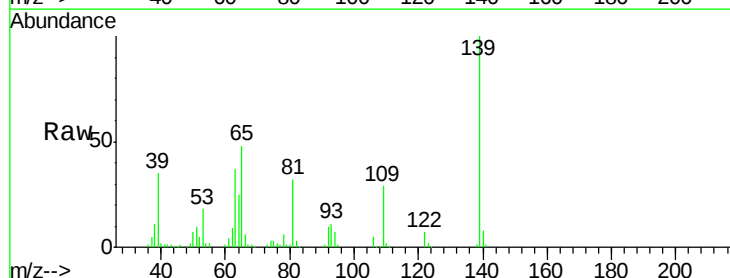
Tgt Ion: 139 Resp: 139266

Ion Ratio Lower Upper

139 100

109 28.5 22.7 34.1

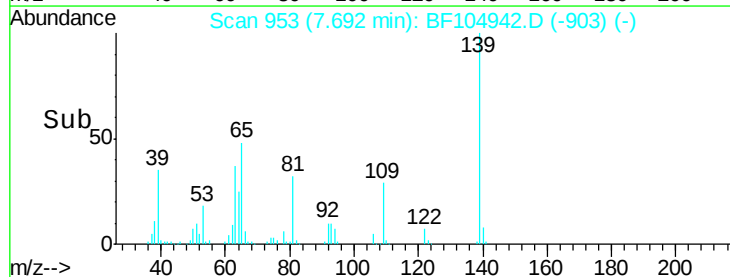
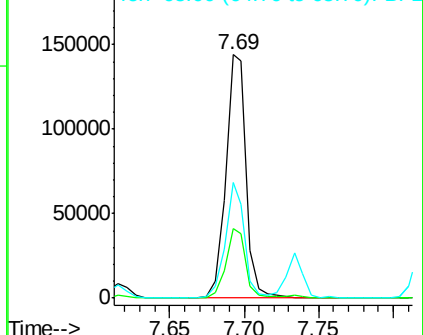
65 47.6 40.5 60.7

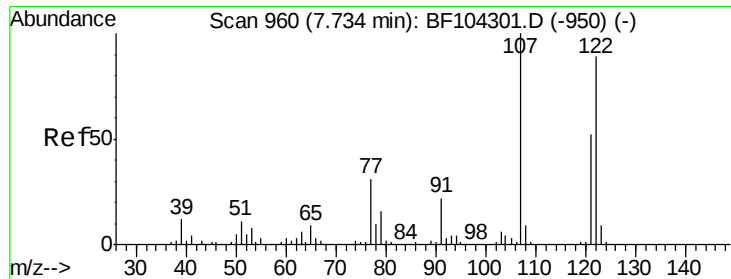


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 34.450 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-018-AMSD

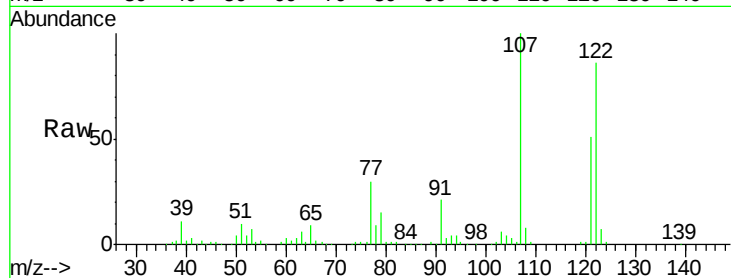
Tot Ion:122 Resp: 233610

Ion Ratio Lower Upper

122 100

107 116.2 91.2 136.8

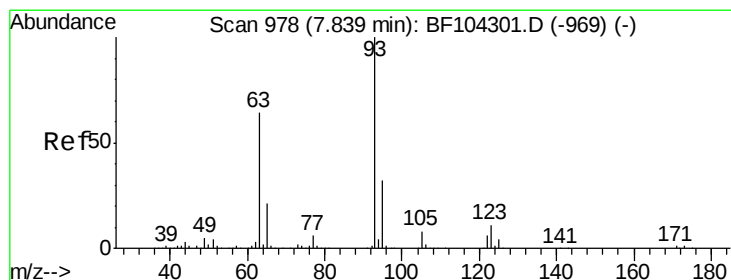
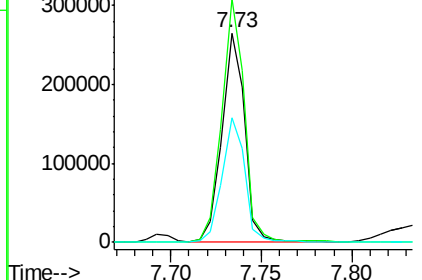
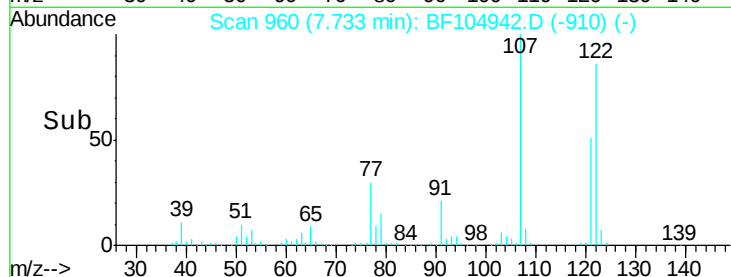
121 59.4 47.2 70.8



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: 33.189 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.00 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

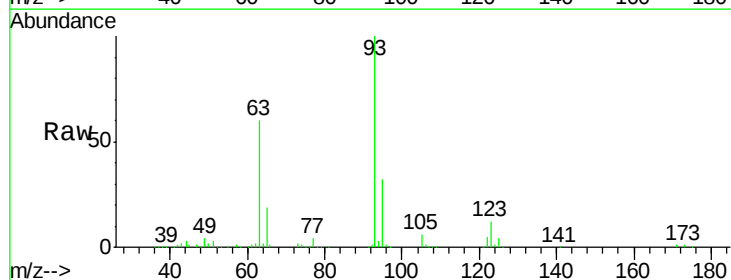
Tgt Ion: 93 Resp: 311787

Ion Ratio Lower Upper

93 100

95 32.4 26.3 39.5

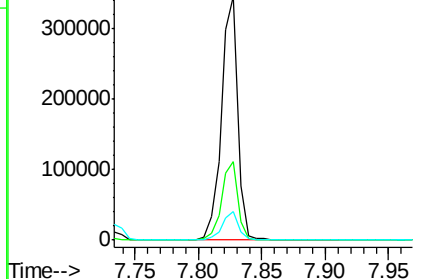
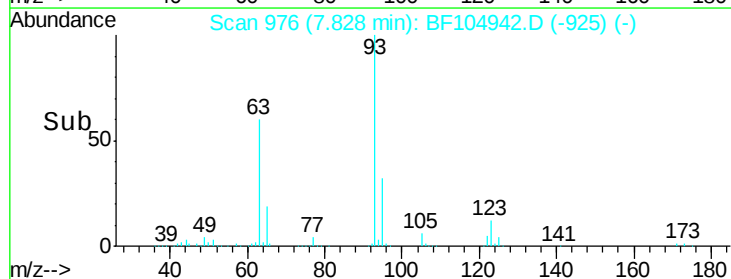
123 11.9 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

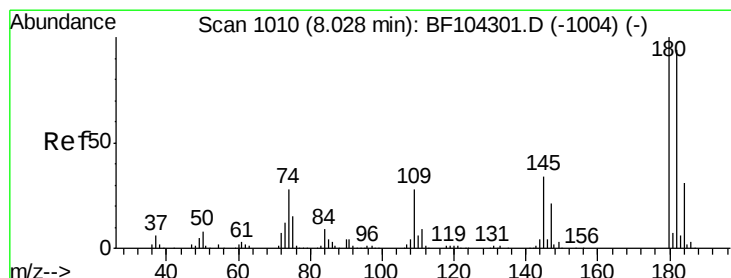
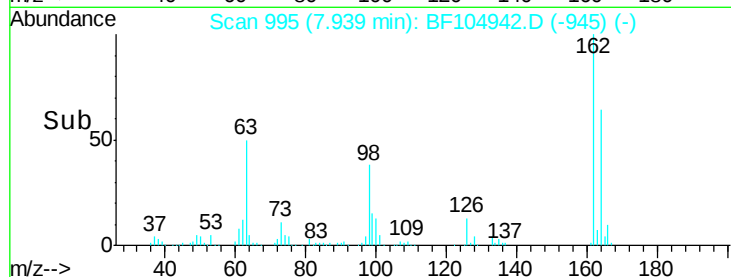
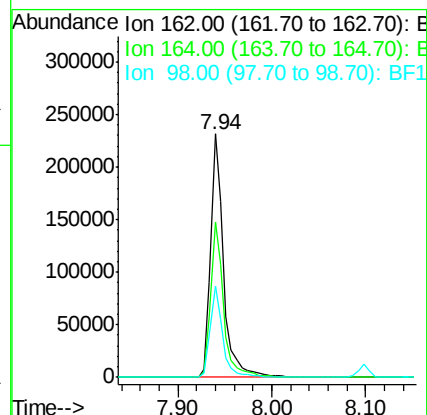
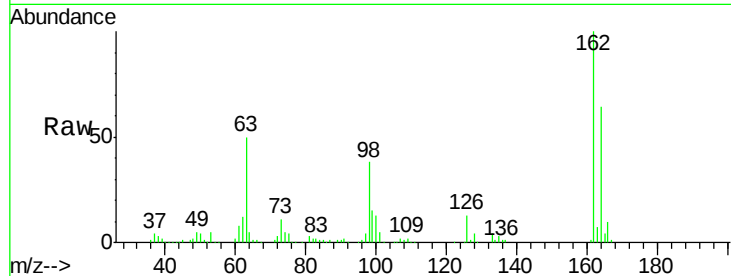




#29
 2,4-Dichlorophenol
 Concen: 34.481 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF104942.D
 Acq: 30 Apr 2018 19:27

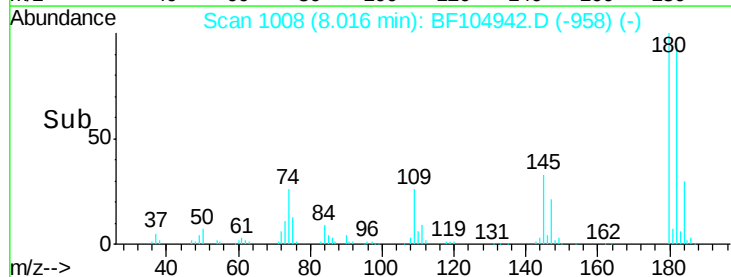
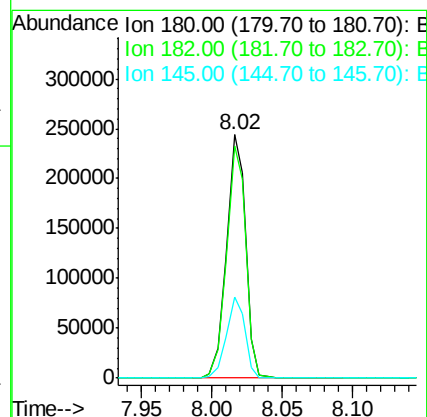
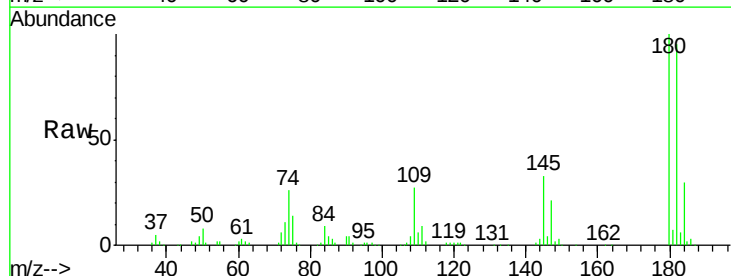
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-018-AMSD

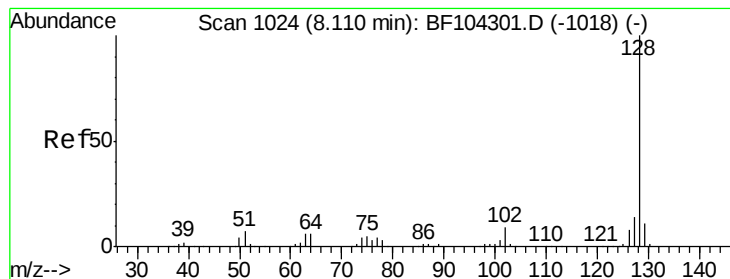
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	42.7	82.7
98	37.5	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 32.260 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BF104942.D
 Acq: 30 Apr 2018 19:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.8	115.2
145	33.0	26.5	39.7





#31

Naphthalene

Concen: 31.771 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-018-AMSD

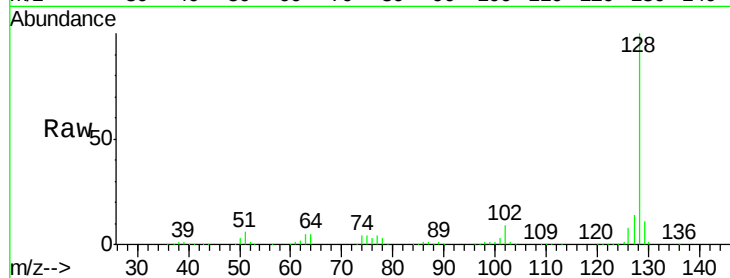
Tot Ion:128 Resp: 750606

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

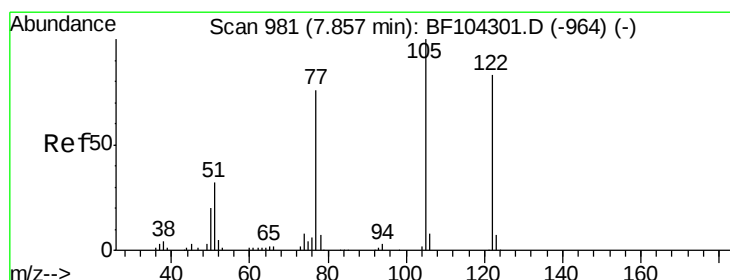
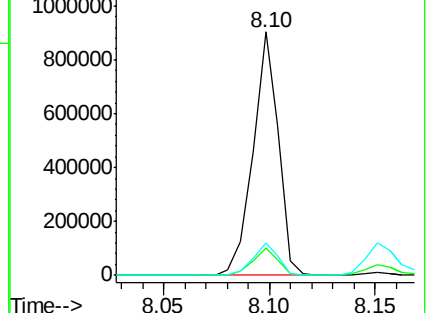
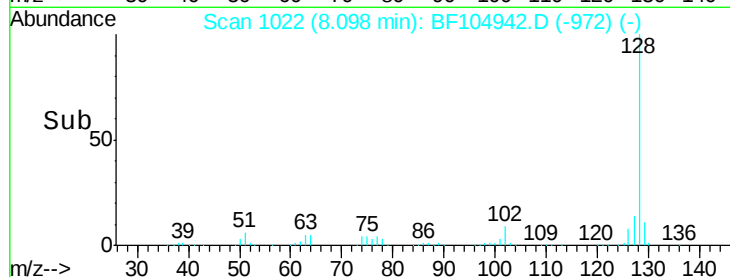
127 13.6 10.9 16.3



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: 7.635 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.06 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

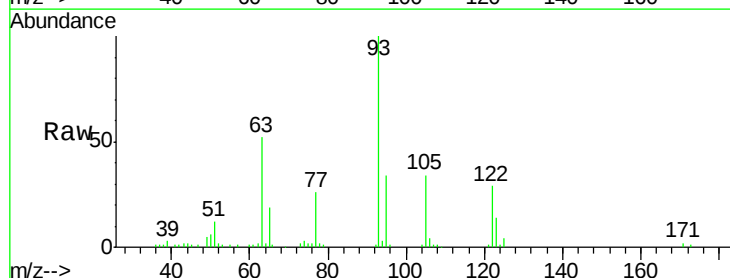
Tgt Ion:122 Resp: 41309

Ion Ratio Lower Upper

122 100

105 118.5 101.1 141.1

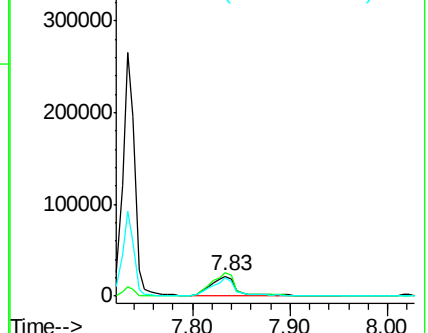
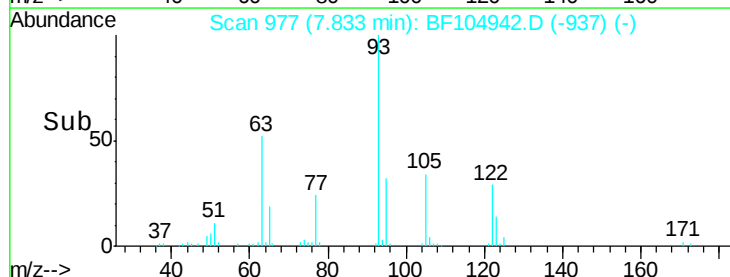
77 89.6 70.7 110.7

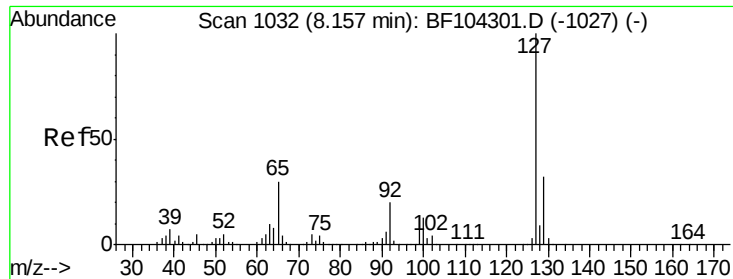


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

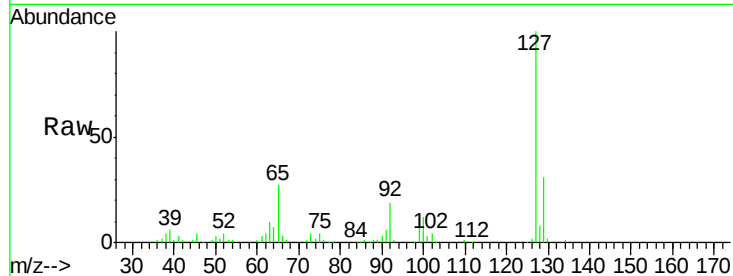




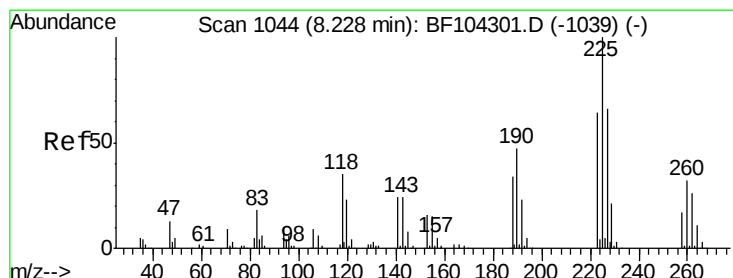
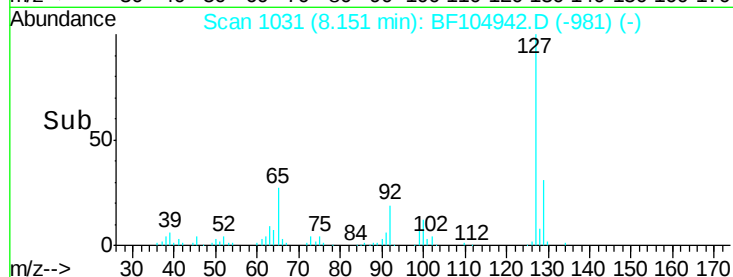
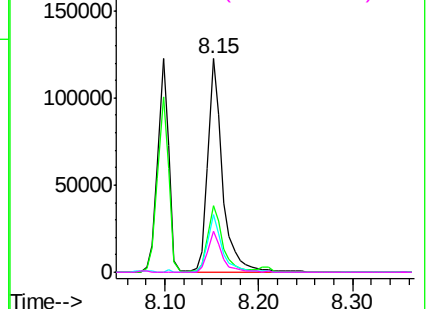
#33
4-Chloroaniline
Concen: 13.401 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF104942.D
Acq: 30 Apr 2018 19:27

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-018-AMSD

Tot Ion:	127	Resp:	135641
Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.9	38.9
65	27.1	25.0	37.4
92	19.1	15.2	22.8

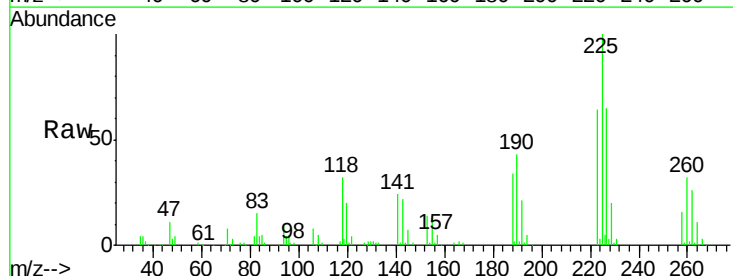


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

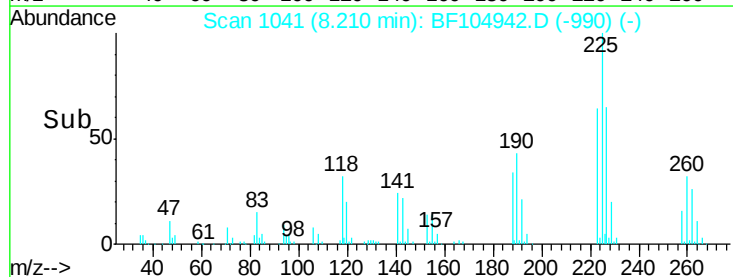
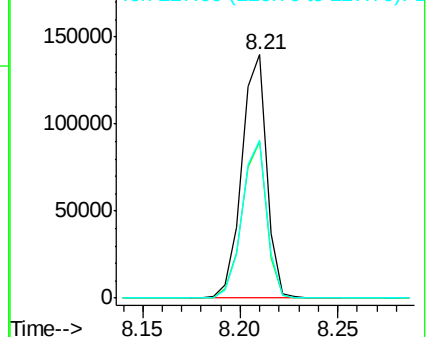


#34
Hexachlorobutadiene
Concen: 31.970 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF104942.D
Acq: 30 Apr 2018 19:27

Tgt Ion:	225	Resp:	124344
Ion	Ratio	Lower	Upper
225	100		
223	64.5	50.6	76.0
227	64.8	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 30.258 ng

RT: 8.52 min Scan# 1094

Delta R.T. -0.02 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-018-AMSD

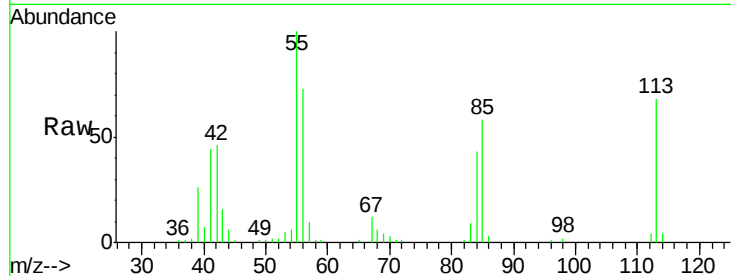
Tot Ion:113 Resp: 68295

Ion Ratio Lower Upper

113 100

55 147.9 163.3 203.3#

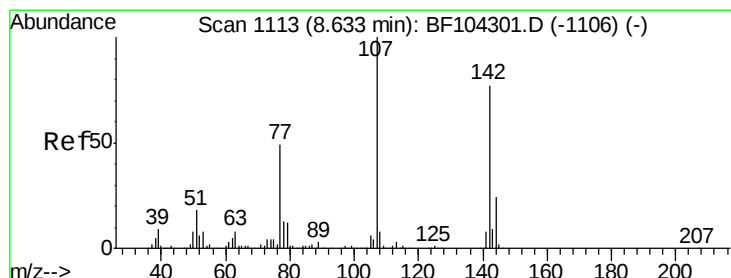
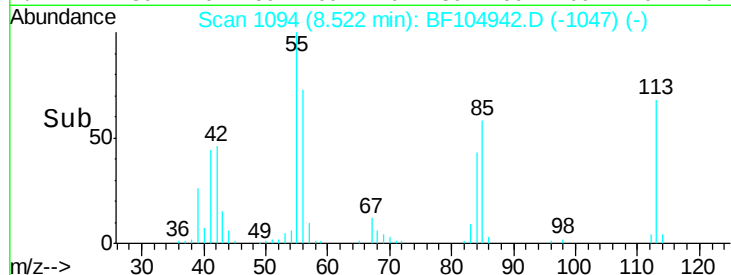
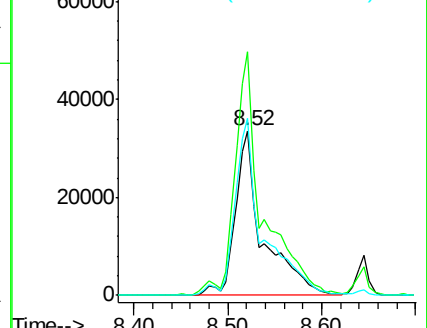
56 107.3 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 33.180 ng

RT: 8.65 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

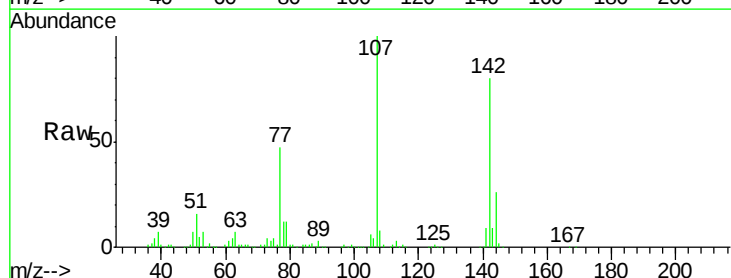
Tgt Ion:107 Resp: 230191

Ion Ratio Lower Upper

107 100

144 25.9 20.5 30.7

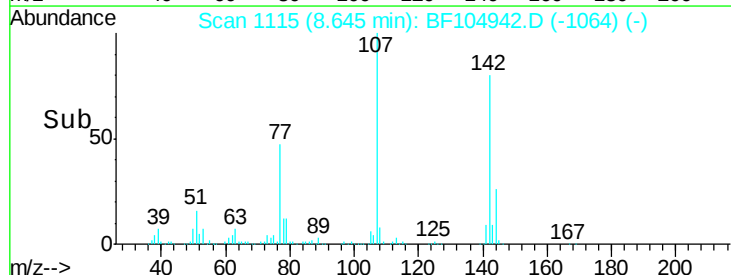
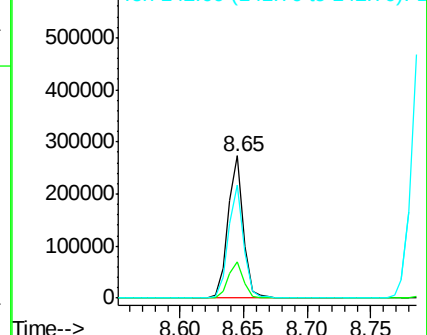
142 79.6 62.0 93.0

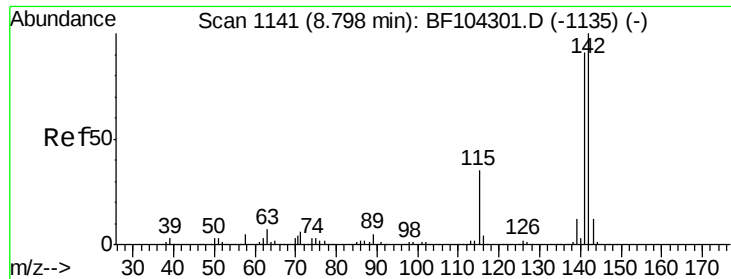


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

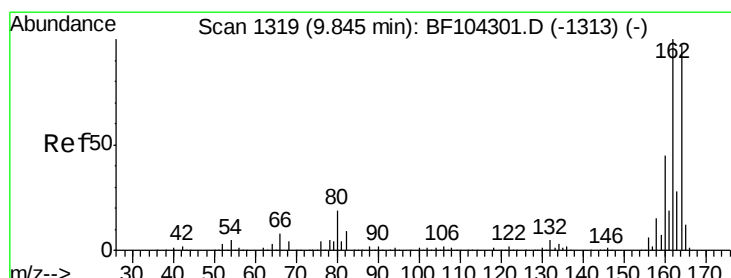
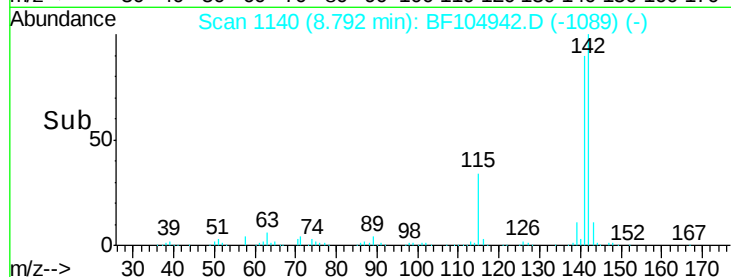
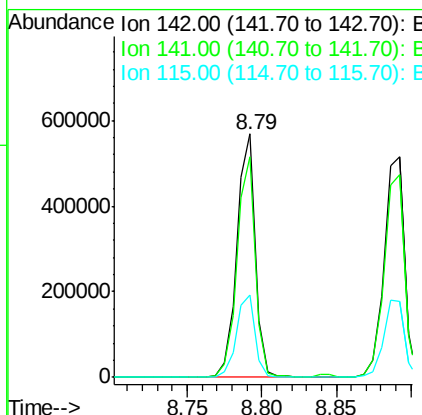
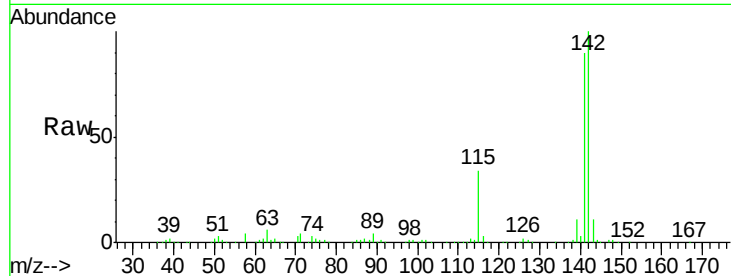




#37
 2-Methylnaphthalene
 Concen: 32.422 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. -0.00 min
 Lab File: BF104942.D
 Acq: 30 Apr 2018 19:27

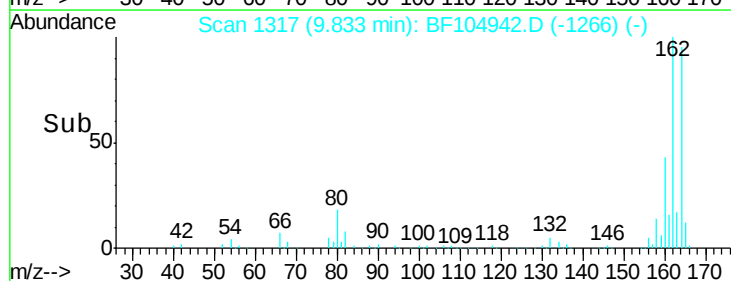
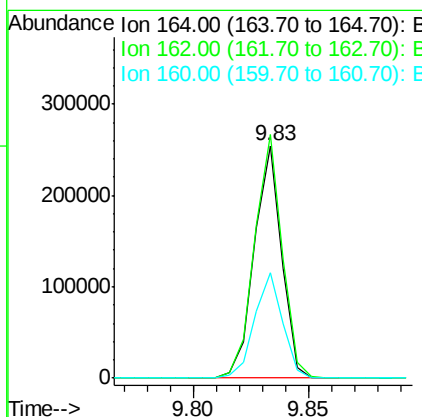
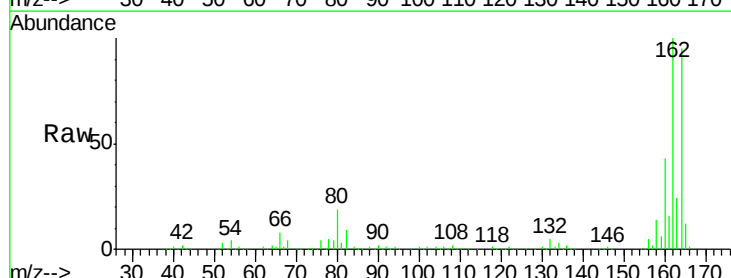
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-018-AMSD

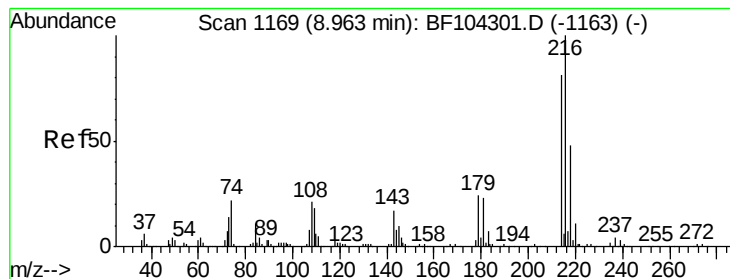
Tot Ion:142 Resp: 495481
 Ion Ratio Lower Upper
 142 100
 141 90.4 70.8 106.2
 115 33.7 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: BF104942.D
 Acq: 30 Apr 2018 19:27

Tgt Ion:164 Resp: 210907
 Ion Ratio Lower Upper
 164 100
 162 104.8 86.1 129.1
 160 45.4 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.509 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-018-AMSD

Tot Ion:216 Resp: 214381

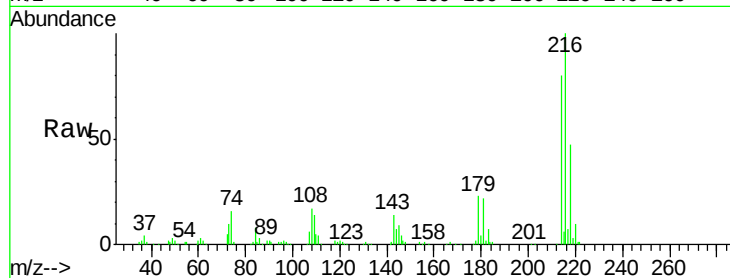
Ion Ratio Lower Upper

216 100

214 79.5 63.0 94.4

179 22.6 18.1 27.1

108 19.2 17.2 25.8

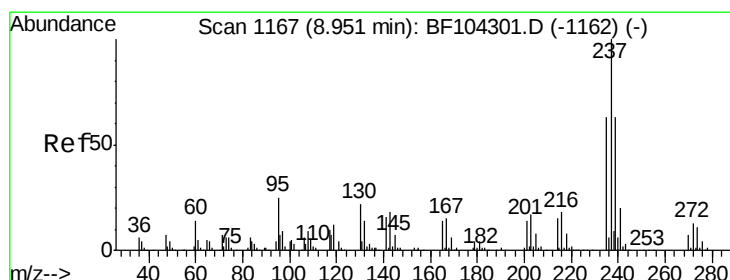
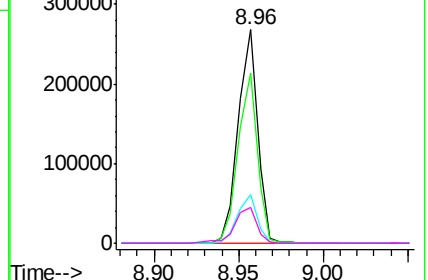
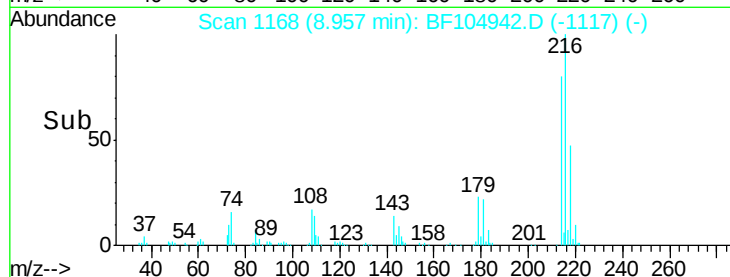


Abundance Ion 216.00 (215.70 to 216.70): E

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: 15.886 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

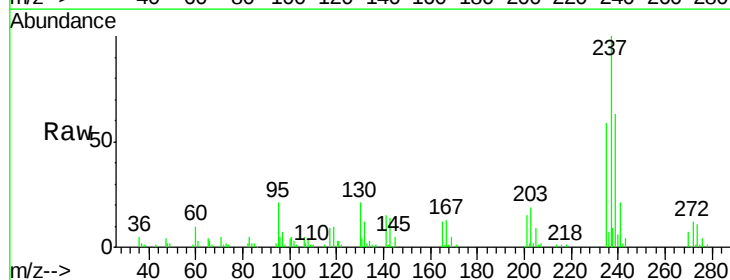
Tgt Ion:237 Resp: 53692

Ion Ratio Lower Upper

237 100

235 58.8 44.8 84.8

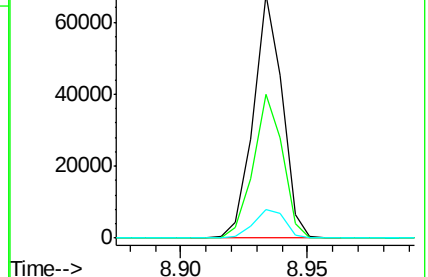
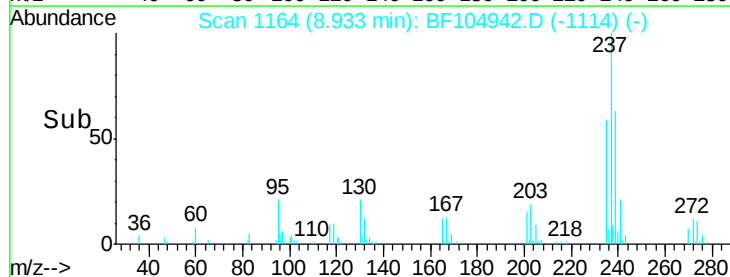
272 12.0 0.0 33.3



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

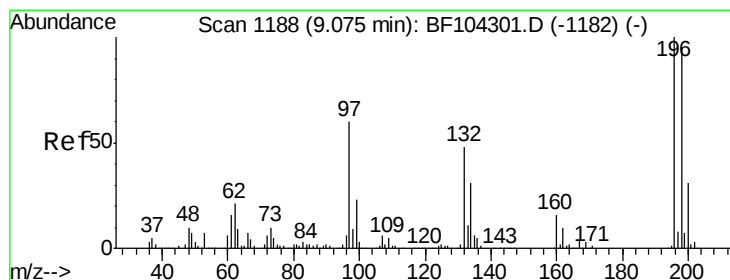
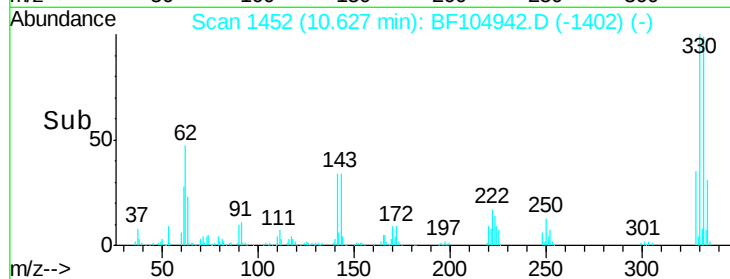
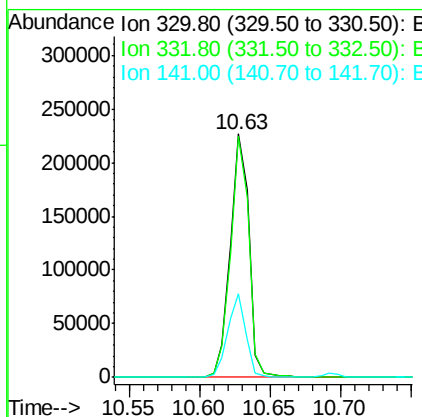
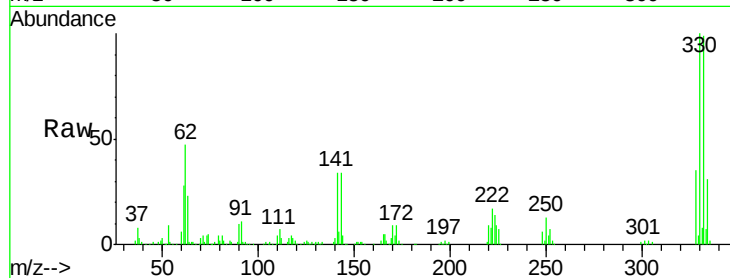




#41
 2,4,6-Tribromophenol
 Concen: 95.849 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF104942.D
 Acq: 30 Apr 2018 19:27

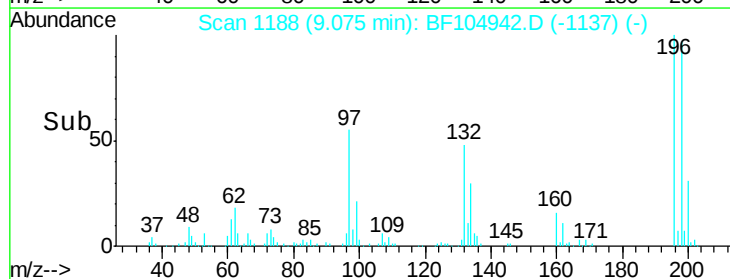
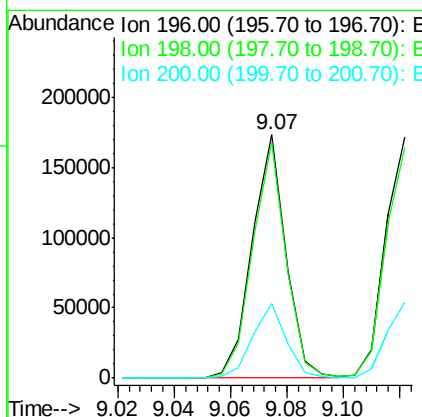
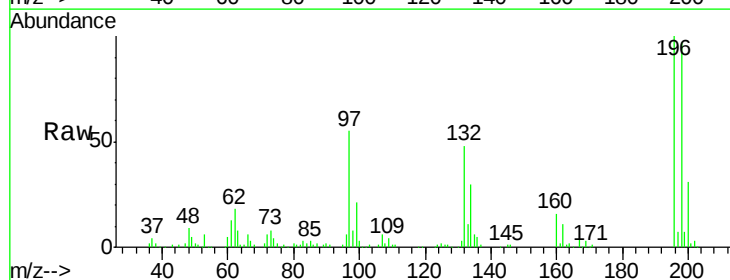
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-018-AMSD

Tot Ion	330	Resp	209699
Ion Ratio	100	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	33.1	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 34.397 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF104942.D
 Acq: 30 Apr 2018 19:27

Tgt Ion	196	Resp	144158
Ion Ratio	100	Lower	Upper
196	100		
198	96.9	75.7	113.5
200	30.5	24.5	36.7

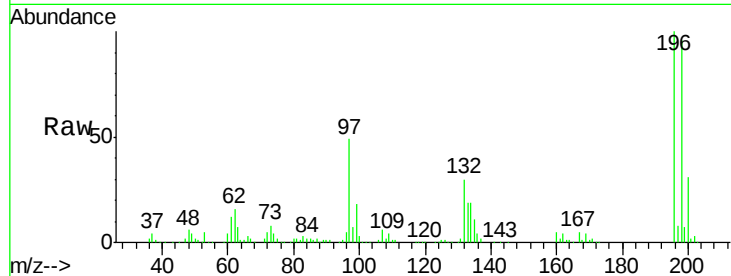




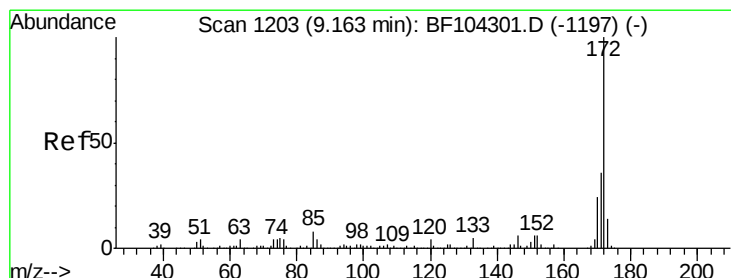
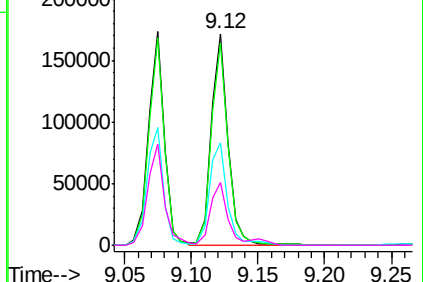
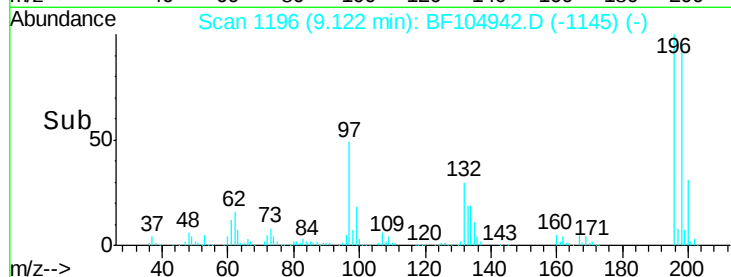
#43
 2,4,5-Trichlorophenol
 Concen: 32.615 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF104942.D
 Acq: 30 Apr 2018 19:27

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-018-AMSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.8	74.6	112.0
97	48.7	42.9	64.3
132	29.6	26.3	39.5

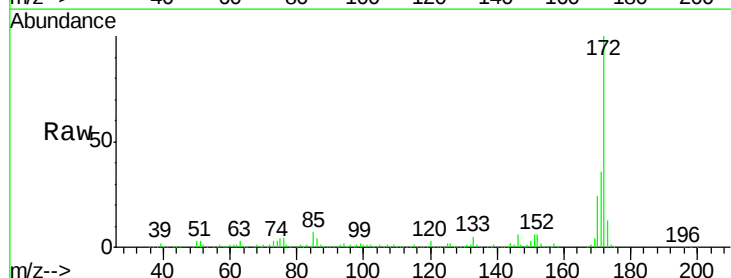


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

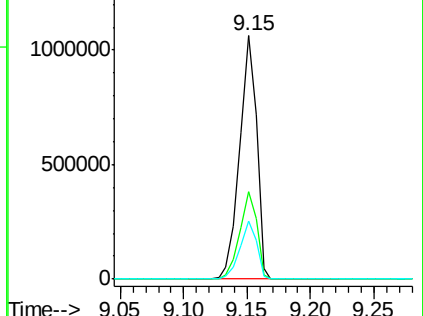
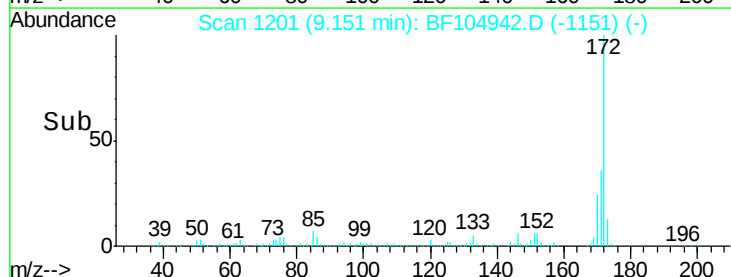


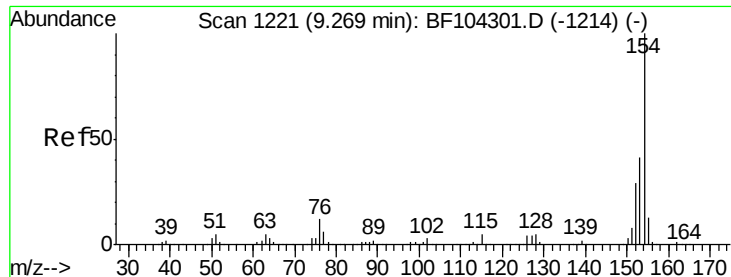
#44
 2-Fluorobiphenyl
 Concen: 73.185 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF104942.D
 Acq: 30 Apr 2018 19:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.9	19.6	29.4



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: 33.346 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-018-AMSD

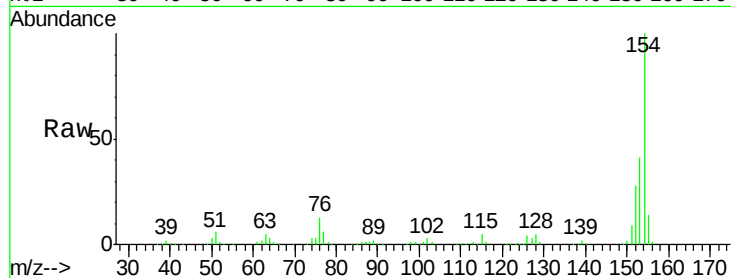
Tot Ion:154 Resp: 590811

Ion Ratio Lower Upper

154 100

153 40.6 21.3 61.3

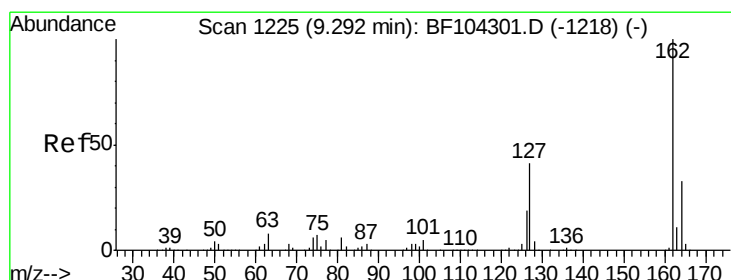
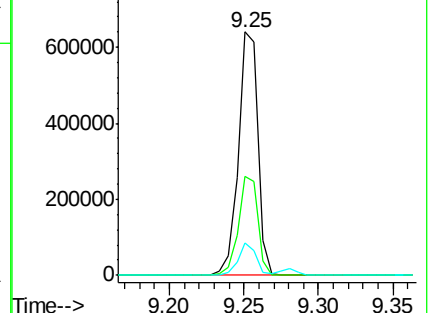
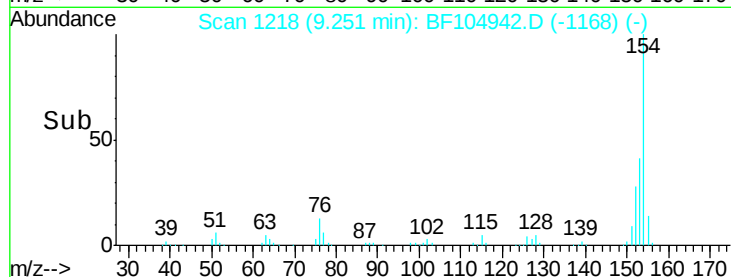
76 13.2 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 32.972 ng

RT: 9.28 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

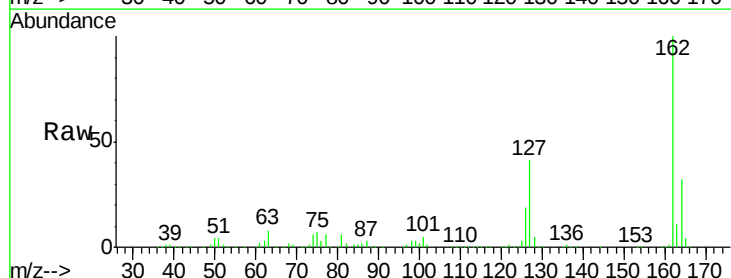
Tgt Ion:162 Resp: 461433

Ion Ratio Lower Upper

162 100

127 41.4 33.9 50.9

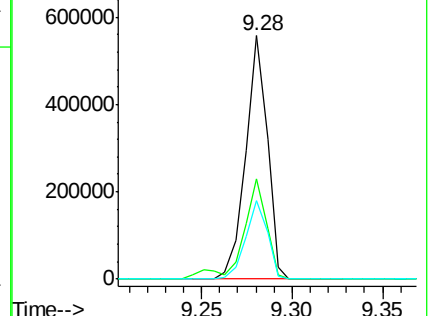
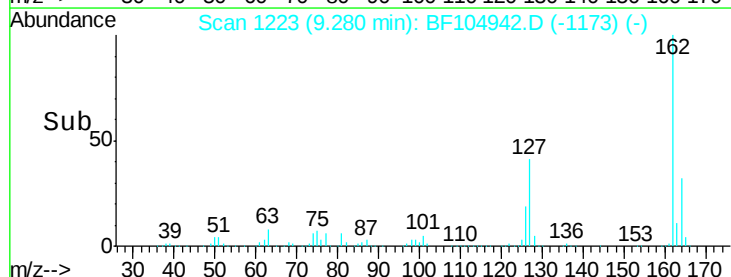
164 32.4 26.5 39.7

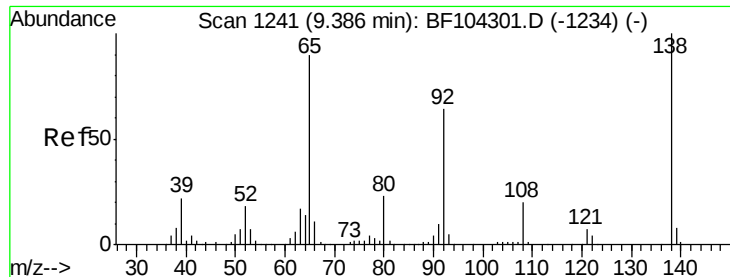


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

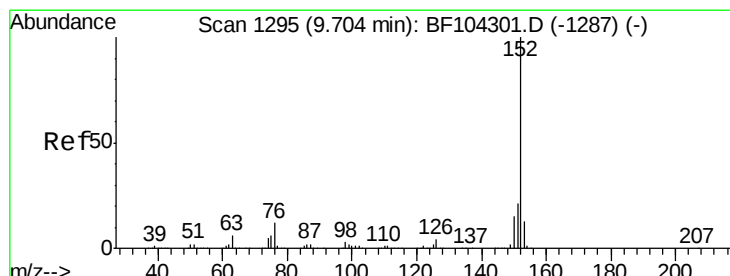
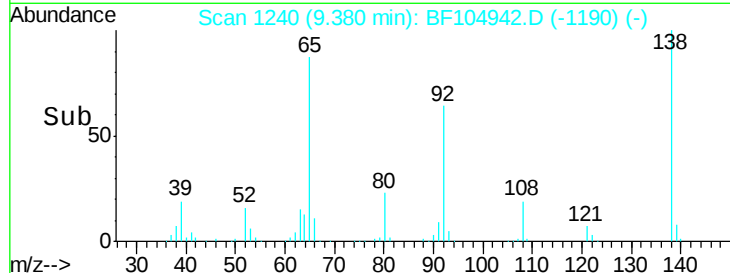
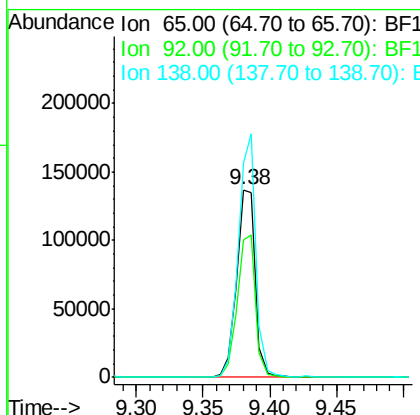
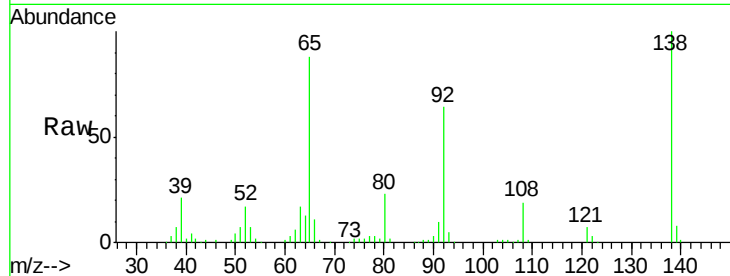




#47
 2-Nitroaniline
 Concen: 38.904 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BF104942.D
 Acq: 30 Apr 2018 19:27

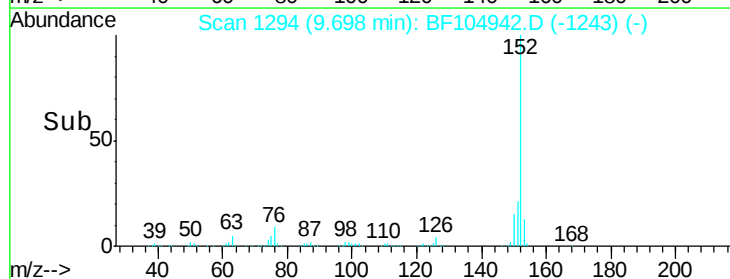
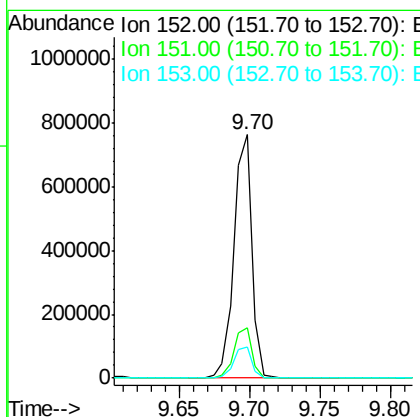
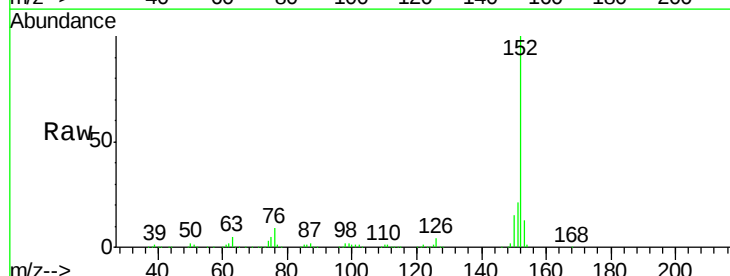
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-018-AMSD

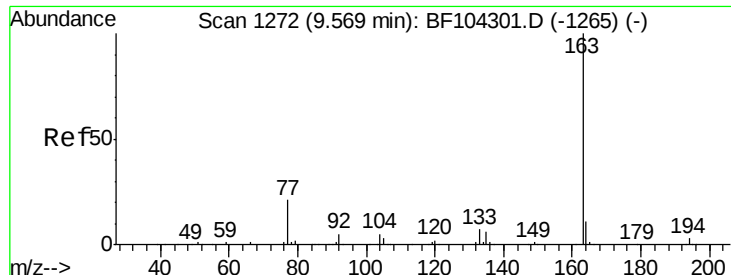
Tot Ion: 65 Resp: 134644
 Ion Ratio Lower Upper
 65 100
 92 73.0 55.8 83.6
 138 114.2 91.2 136.8



#48
 Acenaphthylene
 Concen: 30.752 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BF104942.D
 Acq: 30 Apr 2018 19:27

Tgt Ion: 152 Resp: 675225
 Ion Ratio Lower Upper
 152 100
 151 20.7 16.3 24.5
 153 12.9 10.7 16.1

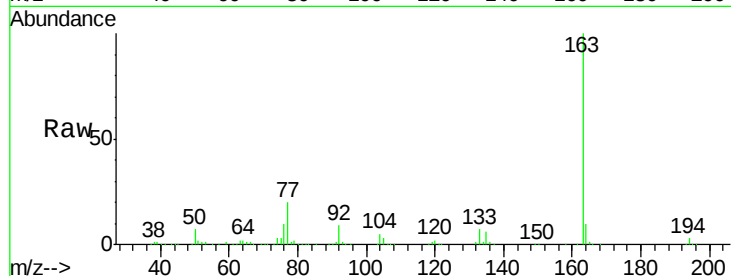




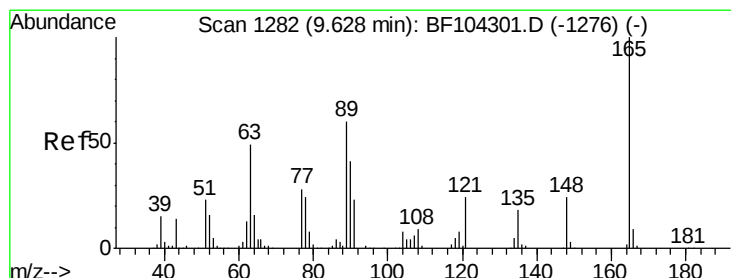
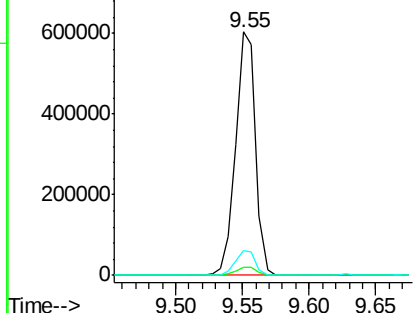
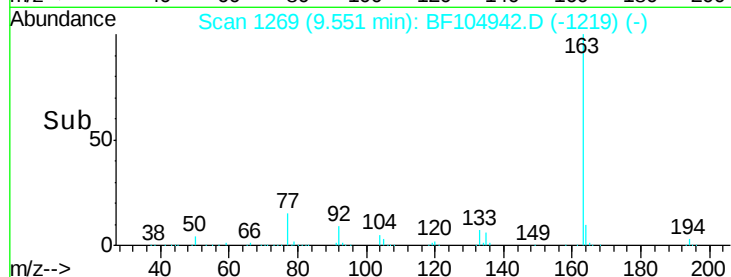
#49
Dimethylphthalate
Concen: 37.950 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF104942.D
Acq: 30 Apr 2018 19:27

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-018-AMSD

Tot Ion:163 Resp: 631175
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.3 8.2 12.2

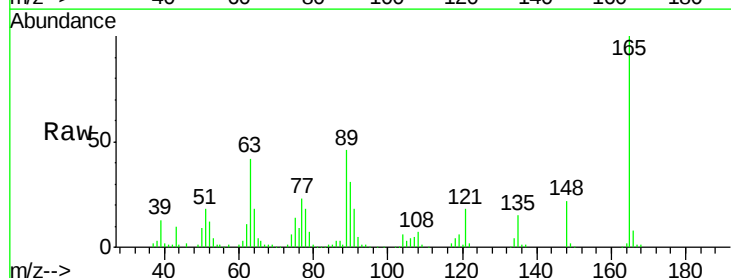


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

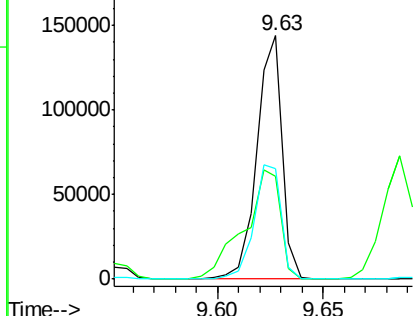
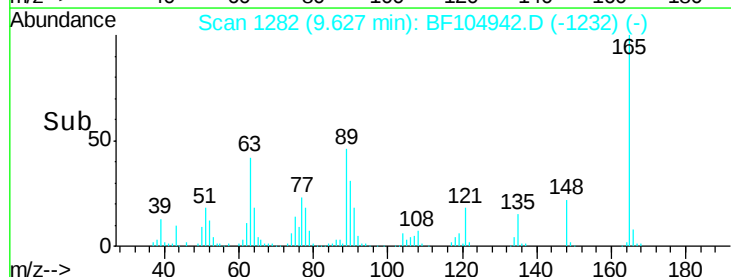


#50
2,6-Dinitrotoluene
Concen: 38.948 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF104942.D
Acq: 30 Apr 2018 19:27

Tgt Ion:165 Resp: 119862
Ion Ratio Lower Upper
165 100
63 42.1 44.7 67.1#
89 45.6 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 29.590 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-018-AMSD

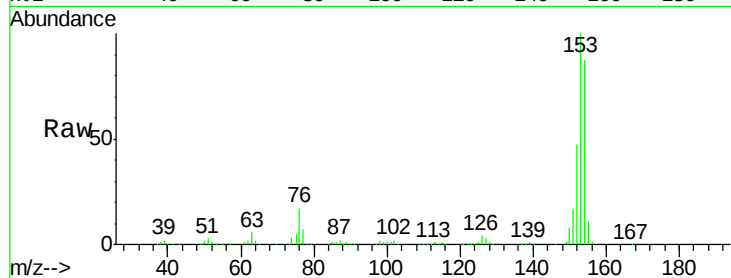
Tot Ion:154 Resp: 396411

Ion Ratio Lower Upper

154 100

153 114.4 91.2 136.8

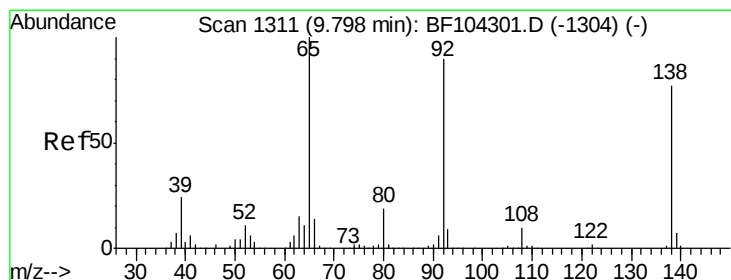
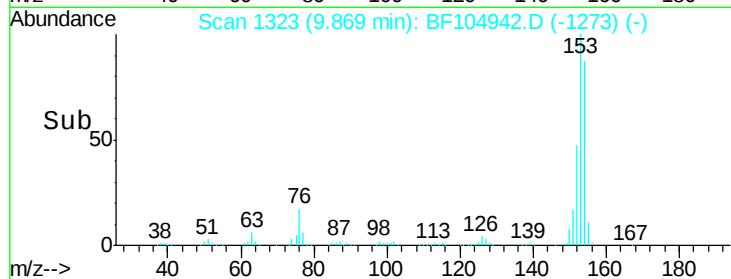
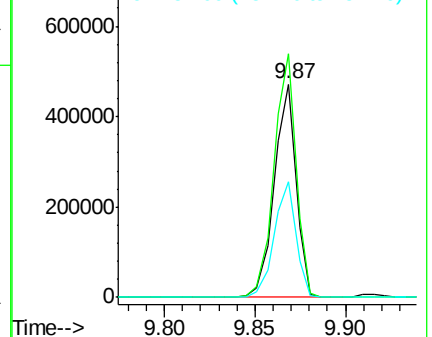
152 54.1 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 27.033 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

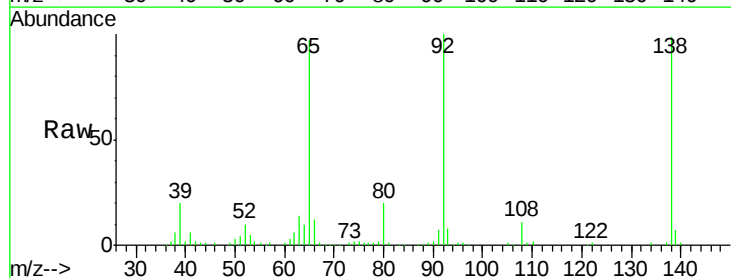
Tgt Ion:138 Resp: 97394

Ion Ratio Lower Upper

138 100

108 10.6 9.4 14.0

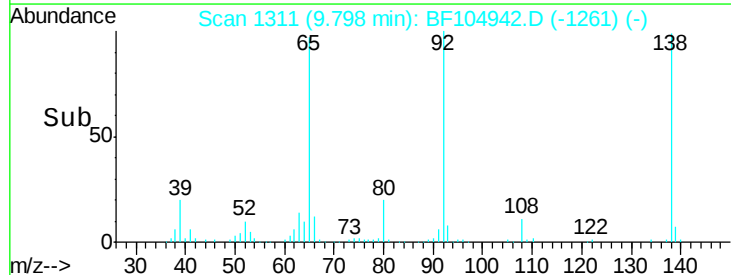
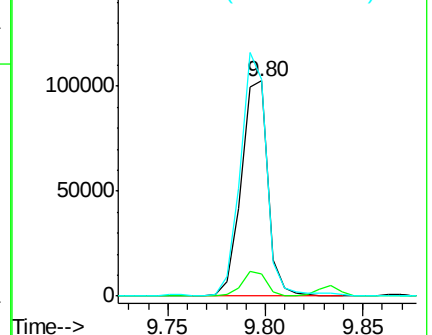
92 100.5 89.4 134.2

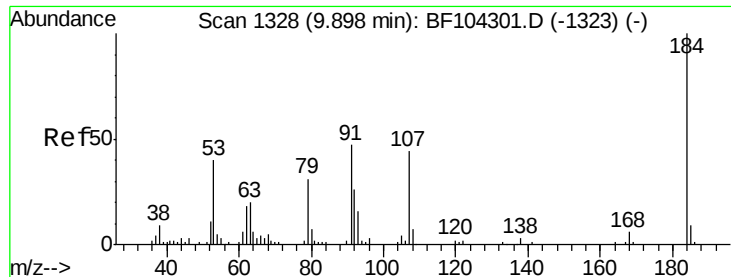


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

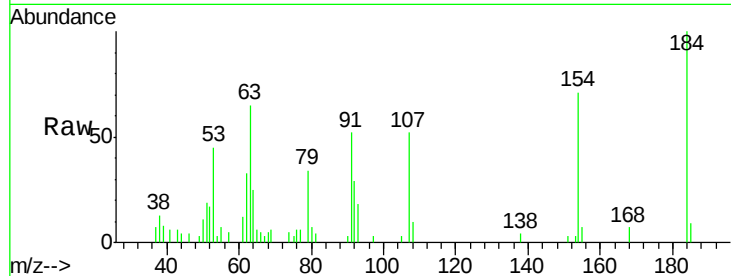




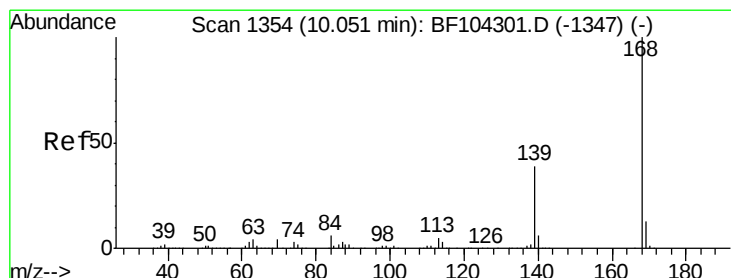
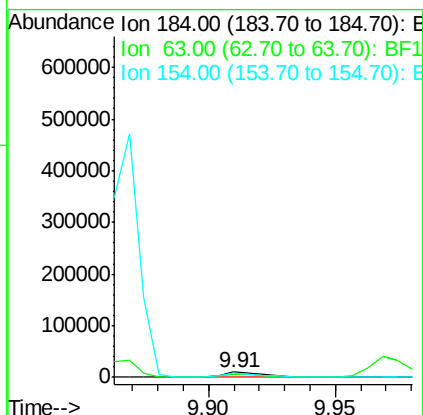
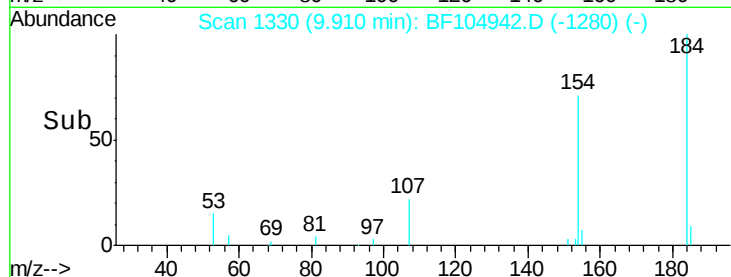
#53
 2,4-Dinitrophenol
 Concen: 18.752 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF104942.D
 Acq: 30 Apr 2018 19:27

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-018-AMSD

Tot Ion:184 Resp: 12657
 Ion Ratio Lower Upper
 184 100
 63 65.1 54.2 81.2
 154 70.6 184.0 276.0#

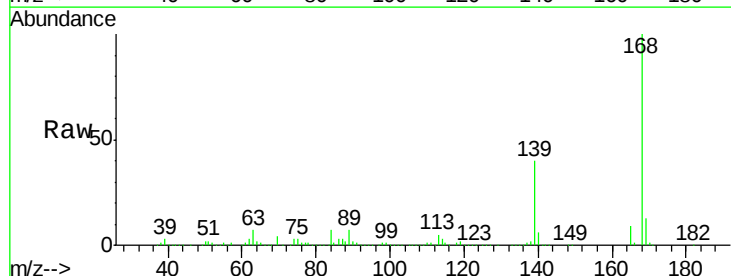


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

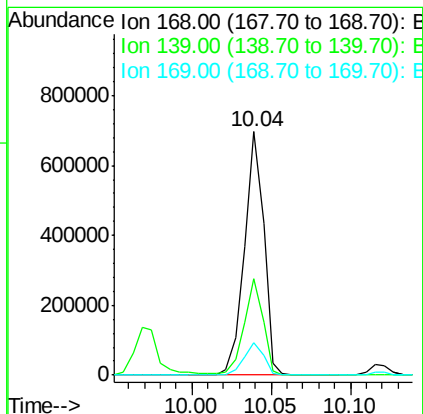
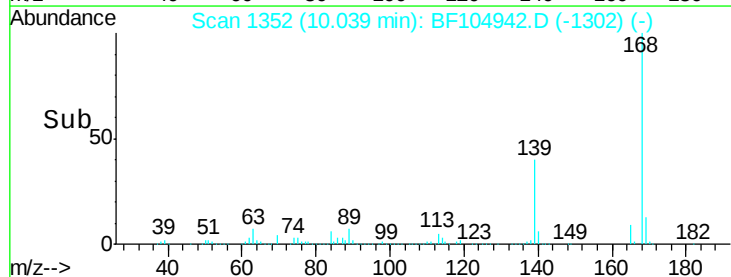


#54
 Dibenzofuran
 Concen: 31.622 ng
 RT: 10.04 min Scan# 1352
 Delta R.T. -0.01 min
 Lab File: BF104942.D
 Acq: 30 Apr 2018 19:27

Tgt Ion:168 Resp: 590376
 Ion Ratio Lower Upper
 168 100
 139 39.8 30.1 45.1
 169 13.2 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

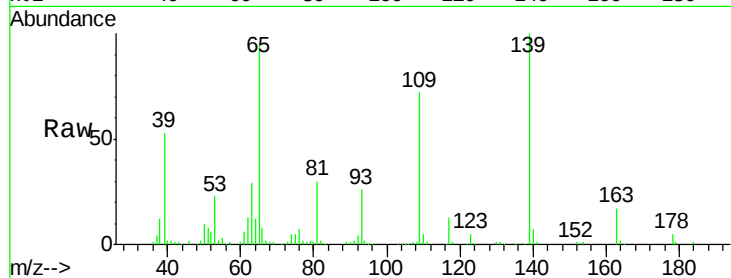




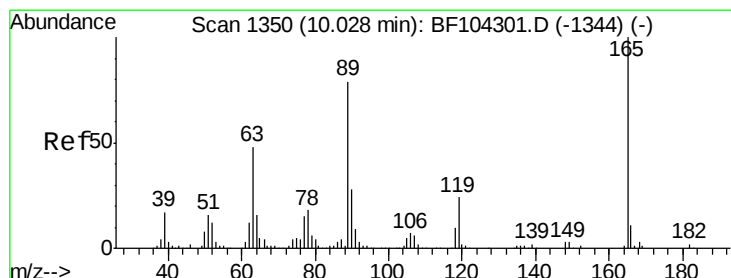
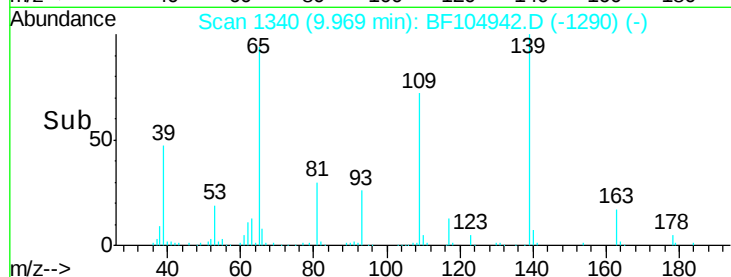
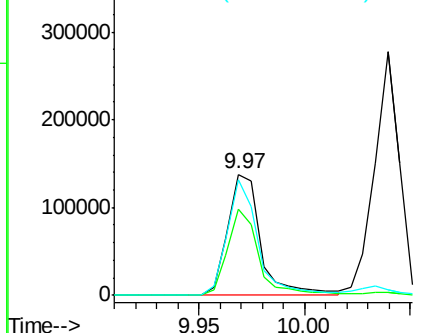
#55
4-Nitrophenol
Concen: 52.721 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF104942.D
Acq: 30 Apr 2018 19:27

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-018-AMSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	71.5	48.4	88.4
65	95.2	72.6	112.6



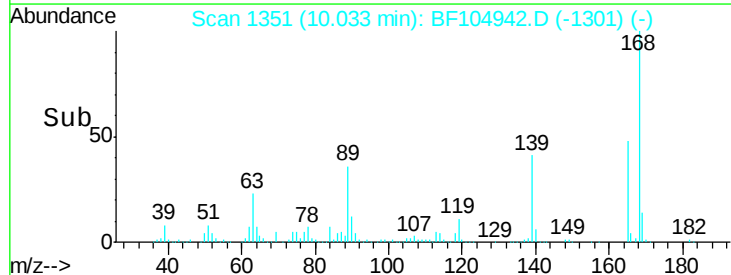
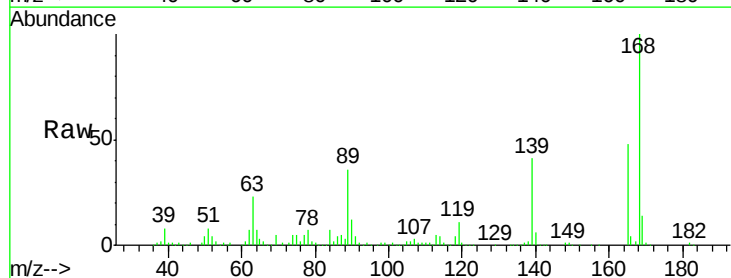
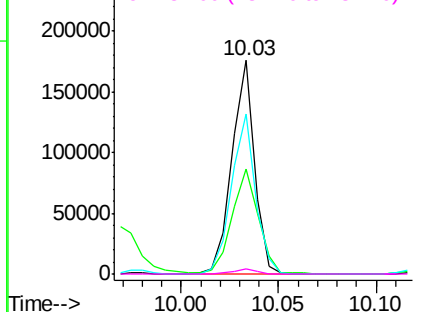
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1



#56
2,4-Dinitrotoluene
Concen: 34.987 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF104942.D
Acq: 30 Apr 2018 19:27

Tgt Ion	Ratio	Lower	Upper
165	100		
63	49.2	36.4	54.6
89	74.7	57.8	86.6
182	2.5	1.6	2.4#

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

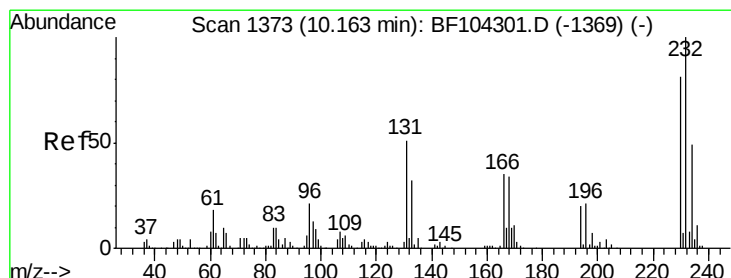
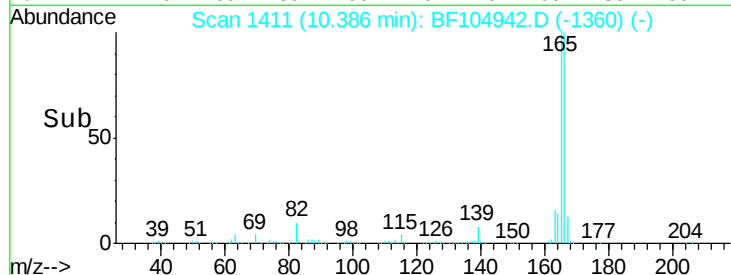
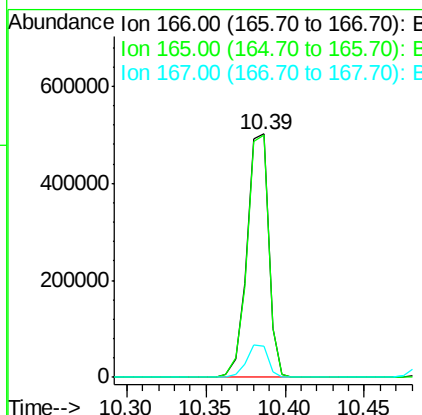
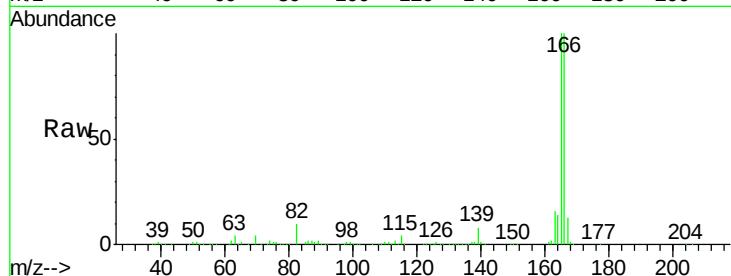




#57
Fluorene
 Concen: 34.723 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: BF104942.D
 Acq: 30 Apr 2018 19:27

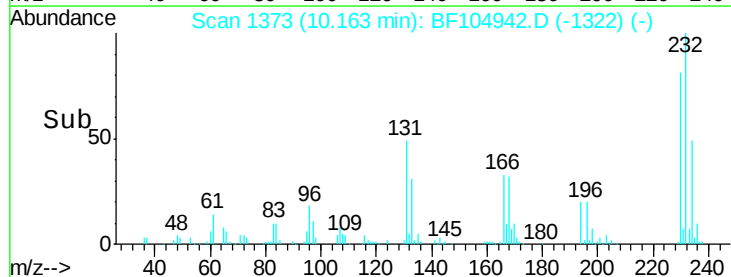
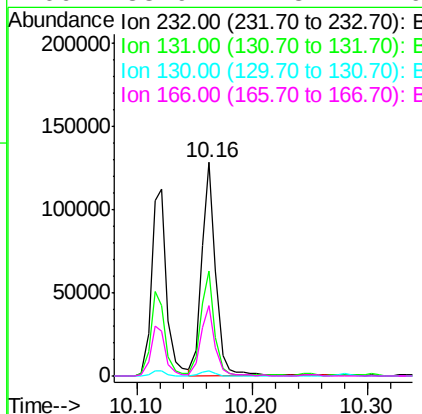
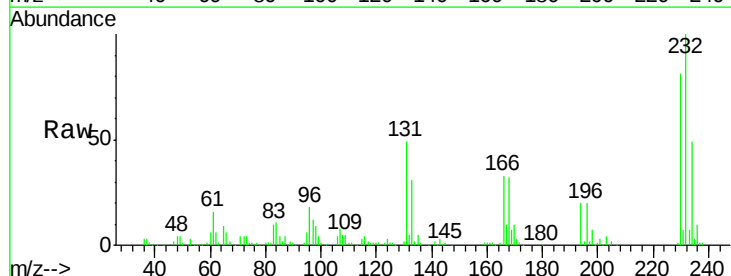
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-018-AMSD

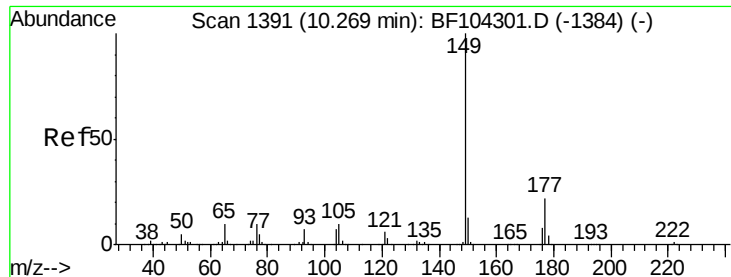
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.8	119.8
167	12.7	10.6	16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 31.390 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.00 min
 Lab File: BF104942.D
 Acq: 30 Apr 2018 19:27

Tgt Ion	Ratio	Lower	Upper
232	100		
131	48.4	43.8	65.8
130	2.3	2.1	3.1
166	33.9	27.8	41.6

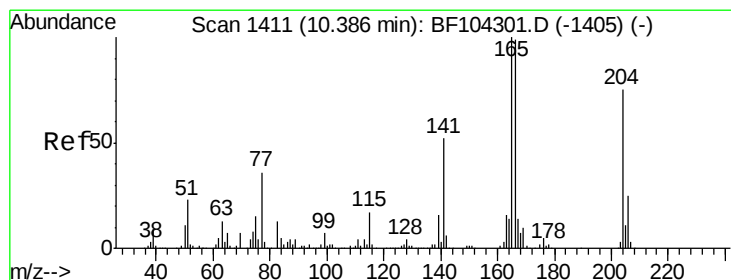
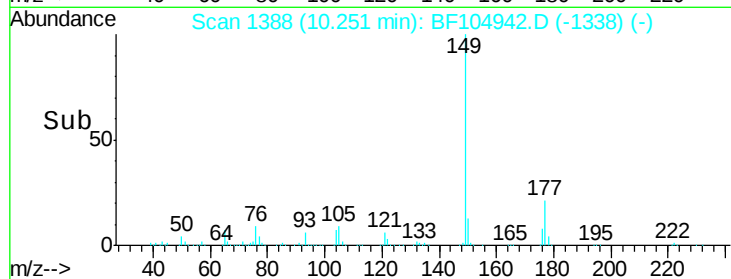
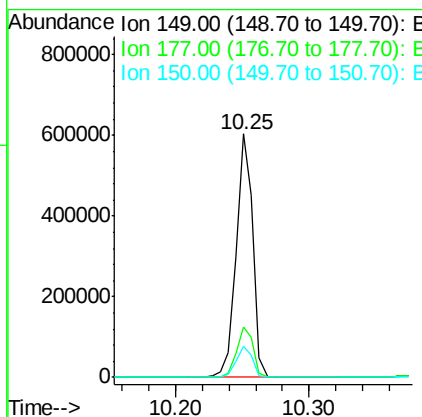
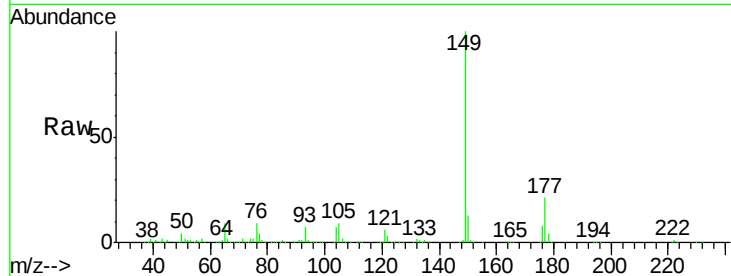




#59
Diethylphthalate
Concen: 31.626 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BF104942.D
Acq: 30 Apr 2018 19:27

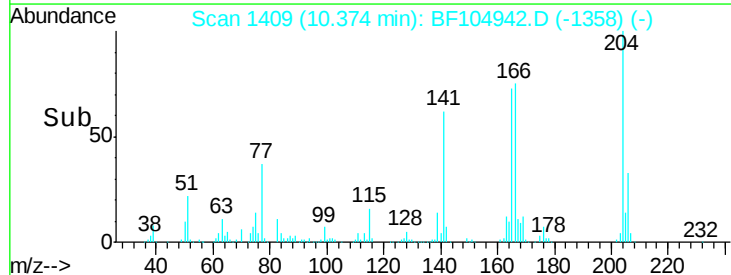
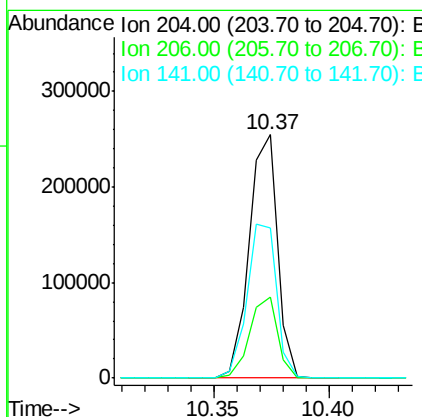
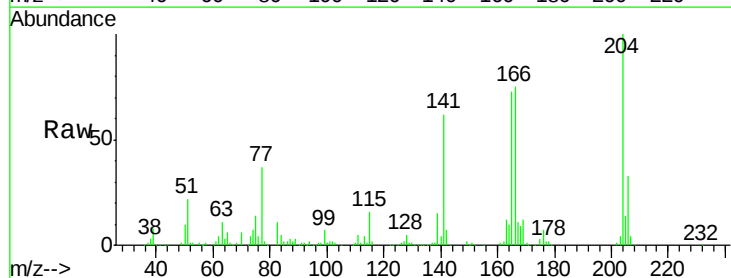
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-018-AMSD

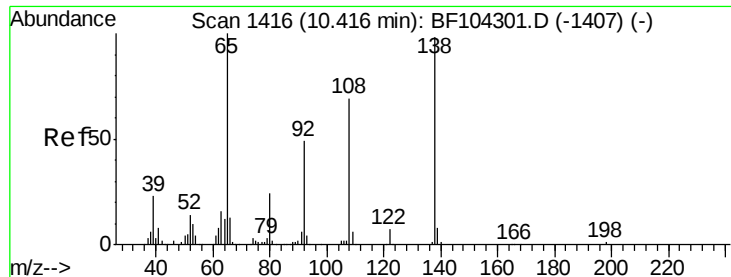
Tot Ion:149 Resp: 523854
Ion Ratio Lower Upper
149 100
177 20.6 16.1 24.1
150 12.6 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 36.380 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BF104942.D
Acq: 30 Apr 2018 19:27

Tgt Ion:204 Resp: 220173
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 61.9 54.6 81.8





#61

4-Nitroaniline

Concen: 32.269 ng

RT: 10.41 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-018-AMSD

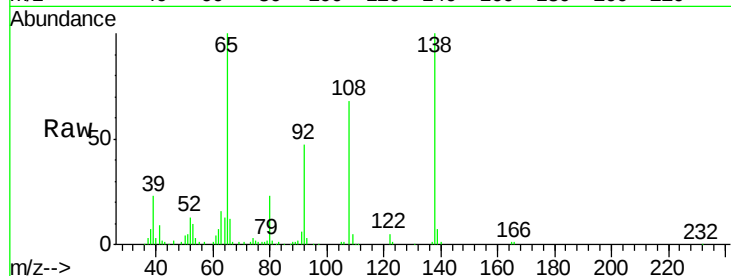
Tot Ion:138 Resp: 113675

Ion Ratio Lower Upper

138 100

92 47.0 30.2 70.2

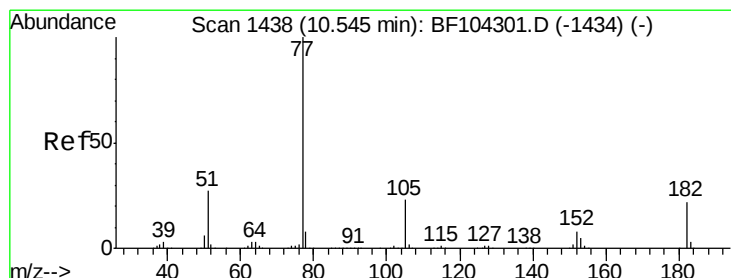
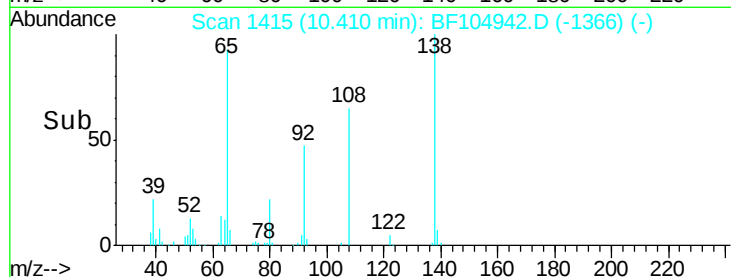
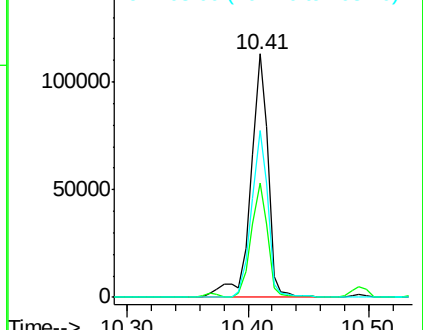
108 68.3 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 29.090 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

Tgt Ion: 77 Resp: 460345

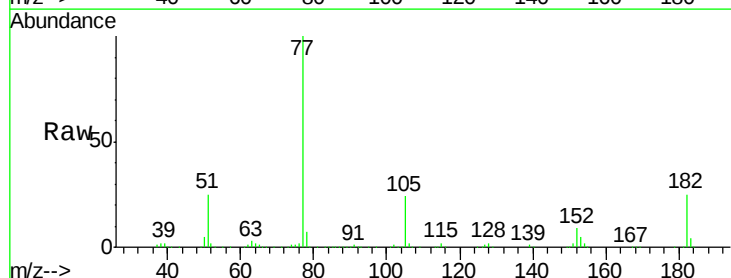
Ion Ratio Lower Upper

77 100

182 25.0 1.7 41.7

105 24.2 3.0 43.0

51 25.3 9.9 49.9

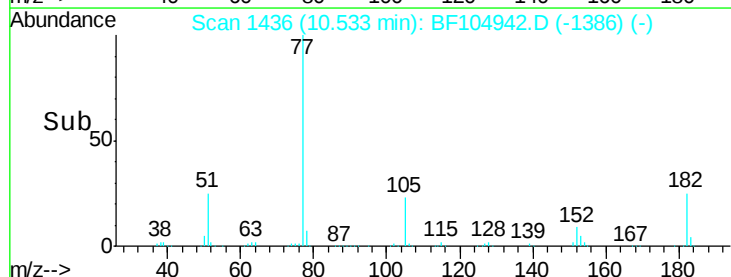
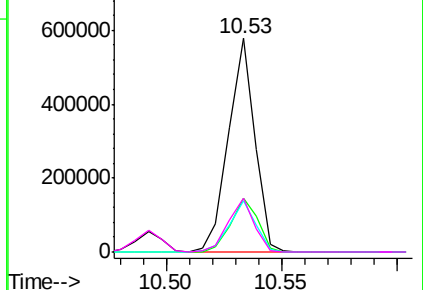


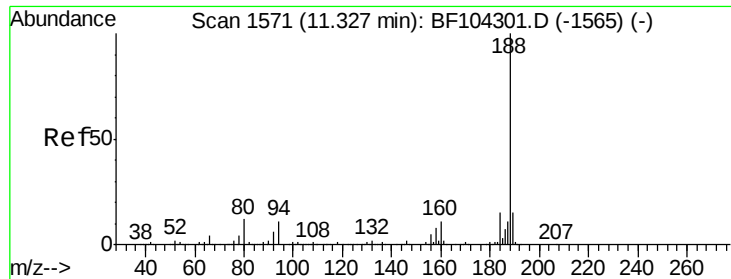
Abundance Ion 77.00 (76.70 to 77.70): BF1

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): BF1

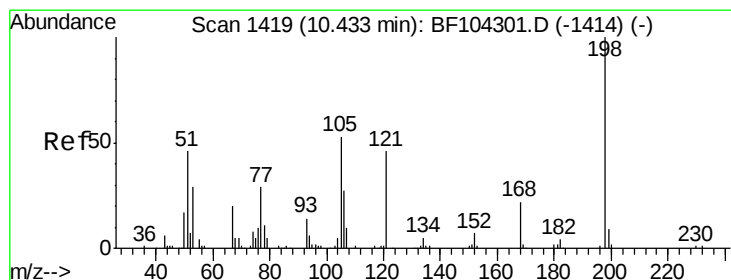
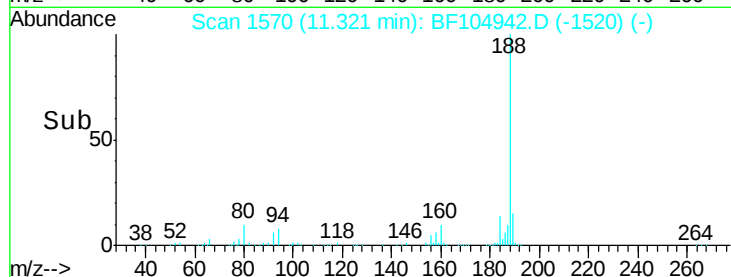
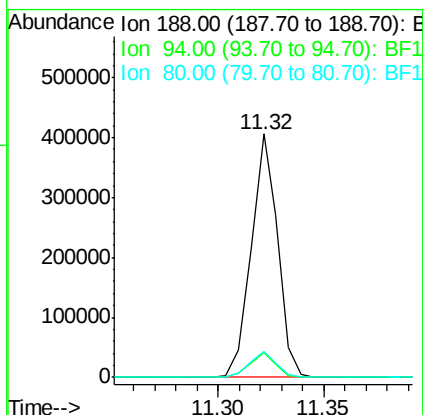
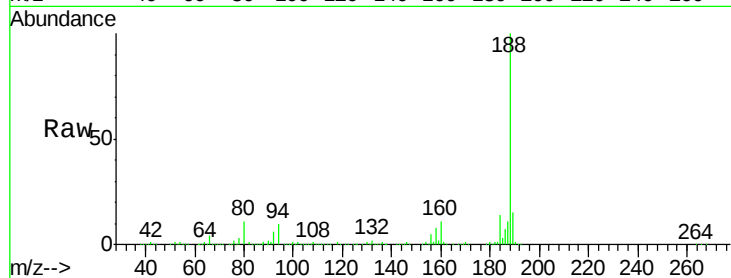




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF104942.D
Acq: 30 Apr 2018 19:27

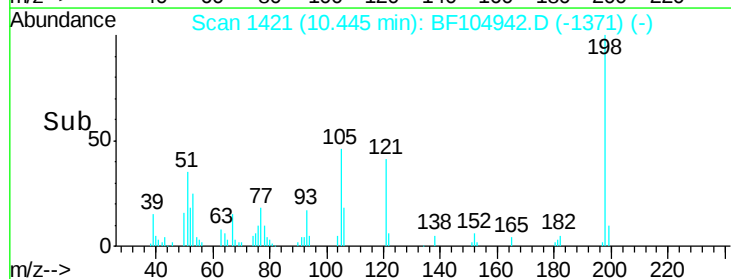
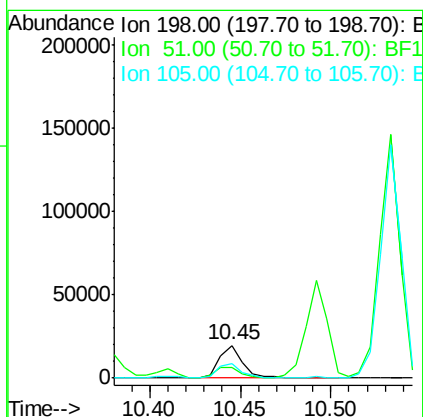
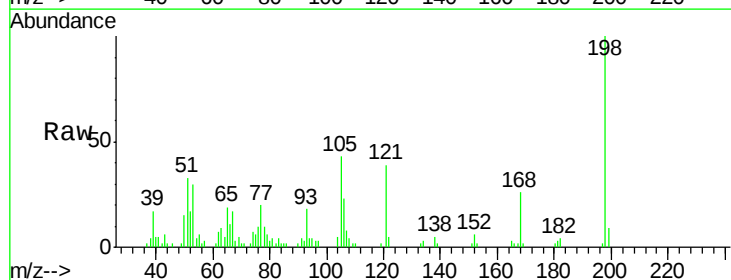
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-018-AMSD

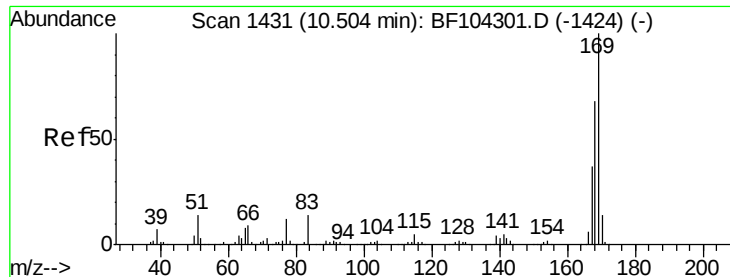
Tot Ion:188 Resp: 352630
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 10.5 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 16.054 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF104942.D
Acq: 30 Apr 2018 19:27

Tgt Ion:198 Resp: 17655
Ion Ratio Lower Upper
198 100
51 33.3 37.7 77.7#
105 43.2 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 34.349 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-018-AMSD

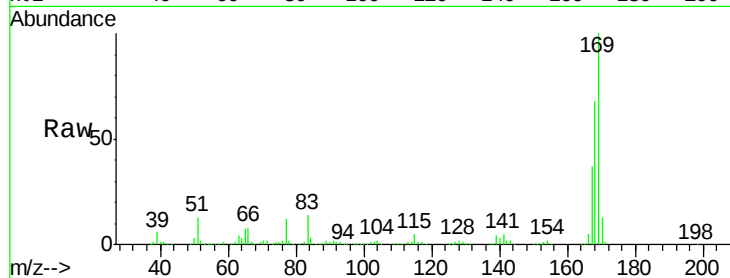
Tot Ion:169 Resp: 419974

Ion Ratio Lower Upper

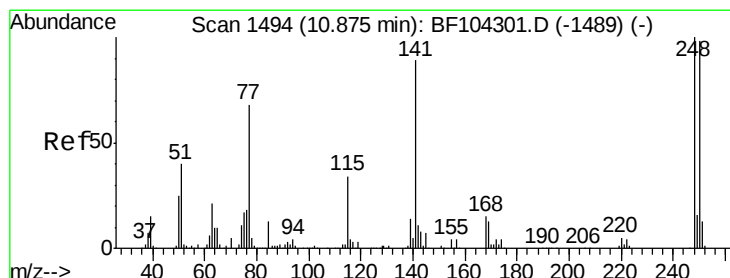
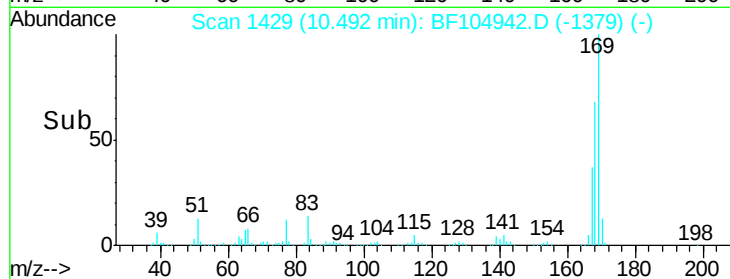
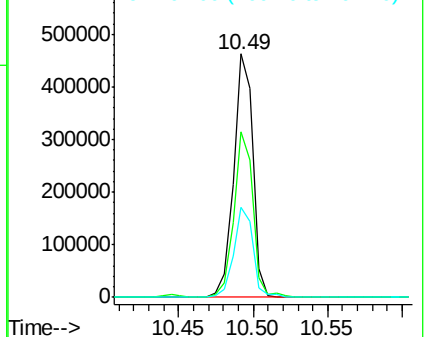
169 100

168 68.1 54.4 81.6

167 37.1 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 34.950 ng

RT: 10.86 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

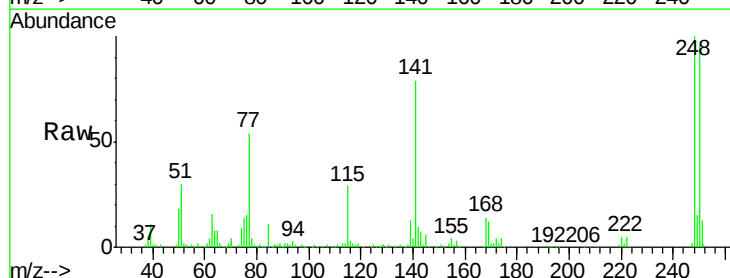
Tgt Ion:248 Resp: 131092

Ion Ratio Lower Upper

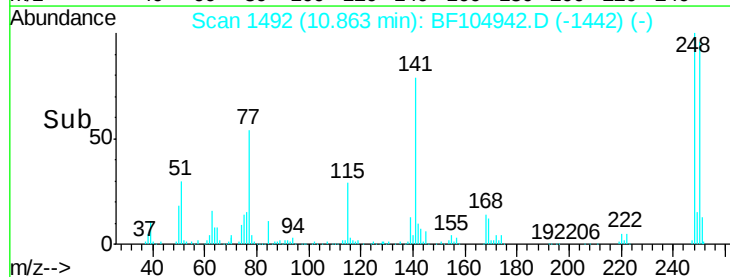
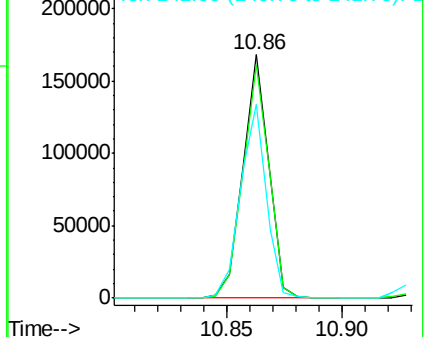
248 100

250 95.8 76.9 115.3

141 79.5 74.4 111.6



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

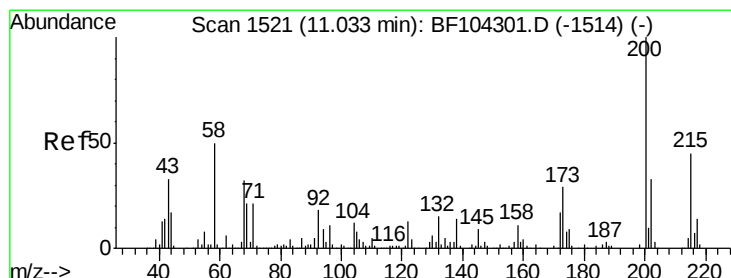
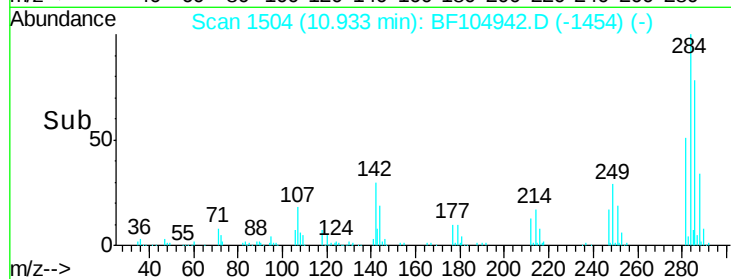
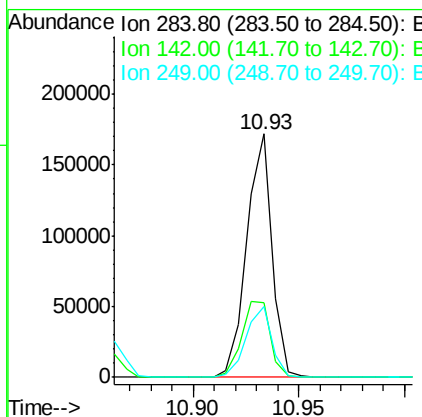
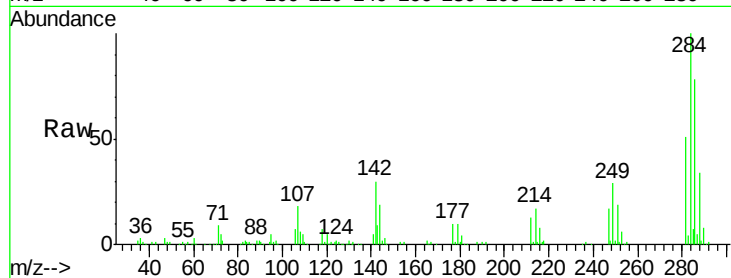




#67
Hexachlorobenzene
Concen: 33.850 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF104942.D
Acq: 30 Apr 2018 19:27

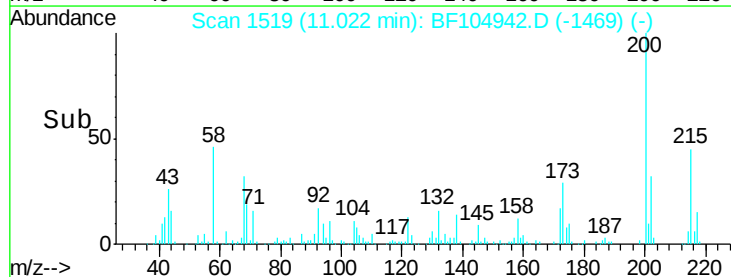
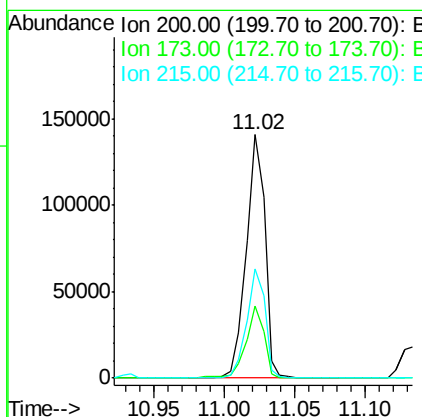
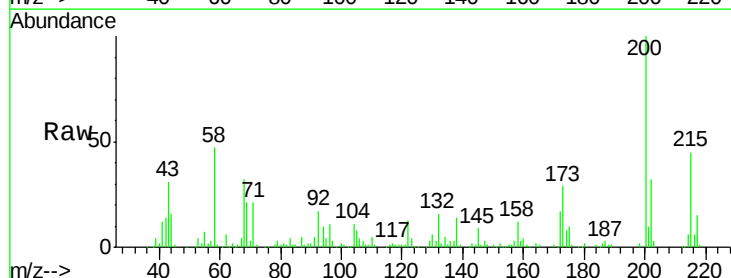
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-018-AMSD

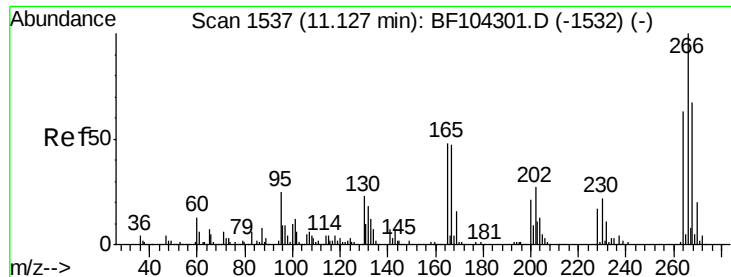
Tot Ion:284 Resp: 142862
Ion Ratio Lower Upper
284 100
142 30.4 34.6 52.0#
249 29.2 24.8 37.2



#68
Atrazine
Concen: 35.307 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF104942.D
Acq: 30 Apr 2018 19:27

Tgt Ion:200 Resp: 130302
Ion Ratio Lower Upper
200 100
173 29.4 8.6 48.6
215 44.7 25.1 65.1





#69

Pentachlorophenol

Concen: 37.101 ng

RT: 11.13 min Scan# 1538

Delta R.T. -0.00 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-018-AMSD

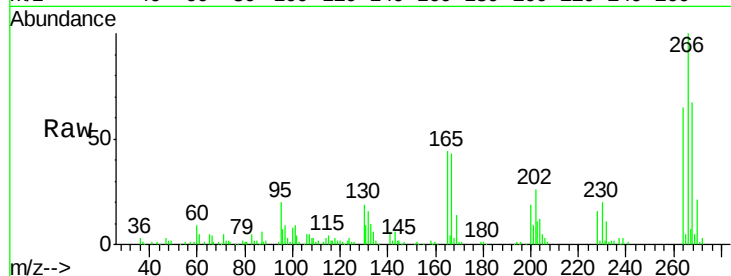
Tot Ion:266 Resp: 96871

Ion Ratio Lower Upper

266 100

268 66.6 51.1 76.7

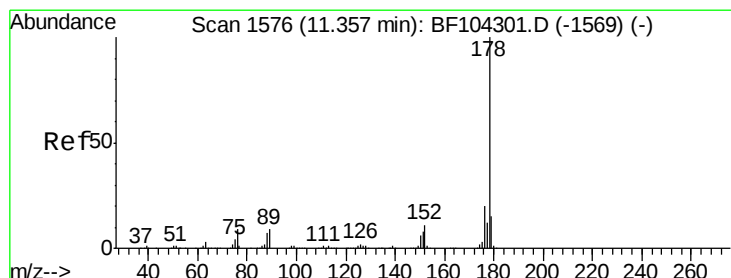
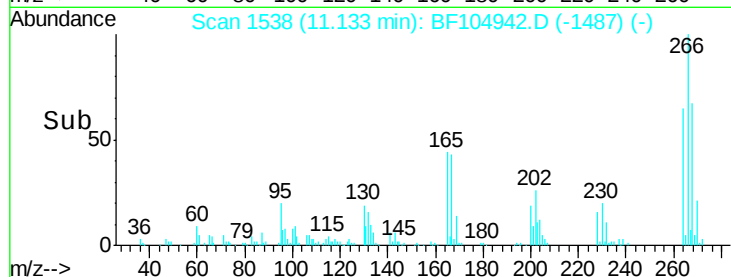
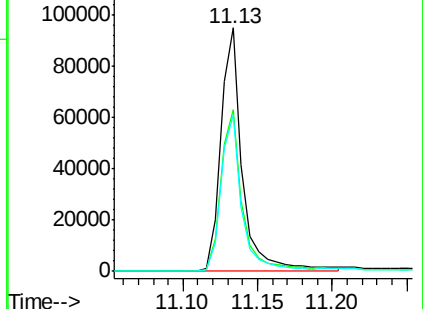
264 64.6 49.5 74.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 32.618 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

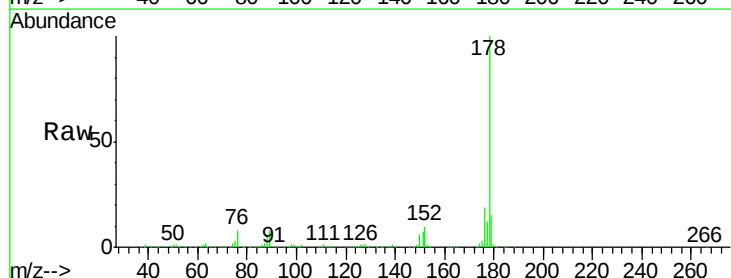
Tgt Ion:178 Resp: 640539

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

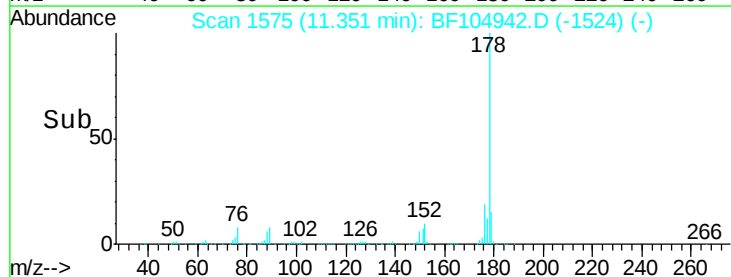
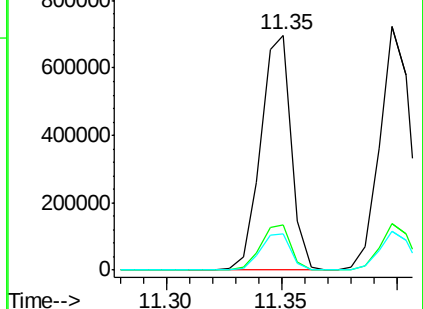
179 15.4 13.0 19.6

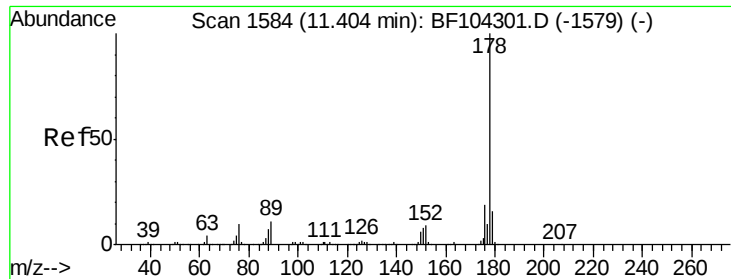


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

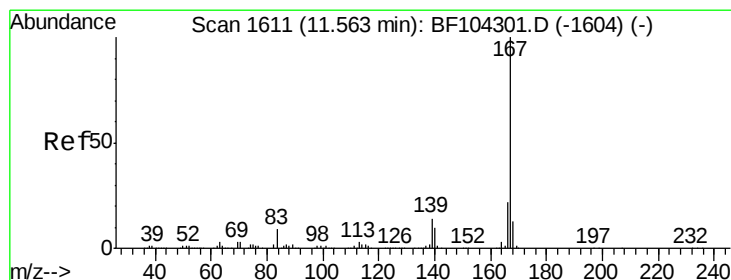
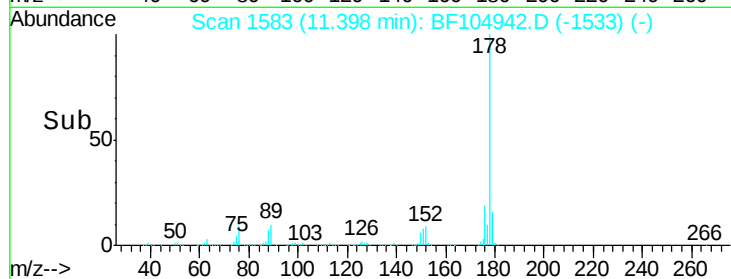
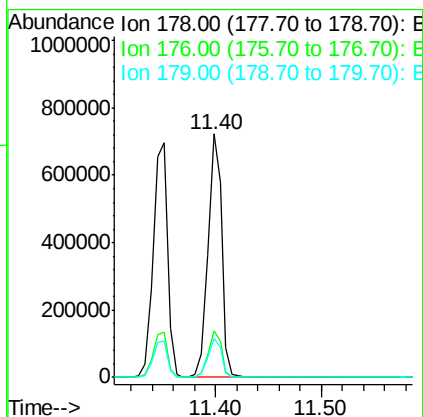
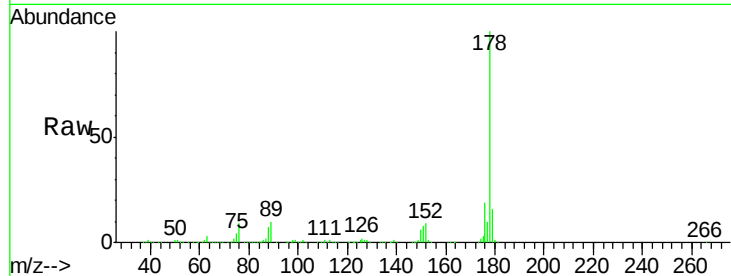




#71
 Anthracene
 Concen: 32.757 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF104942.D
 Acq: 30 Apr 2018 19:27

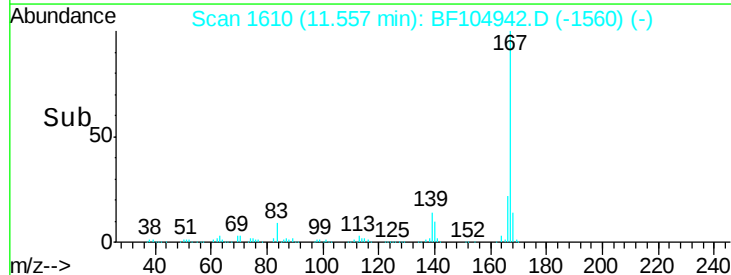
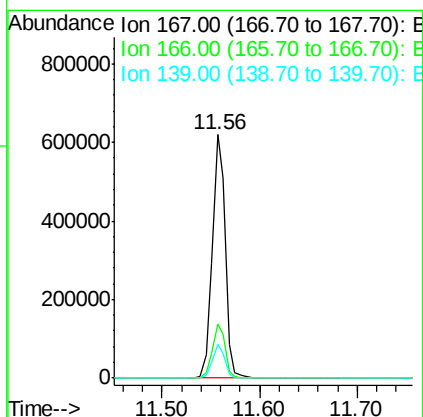
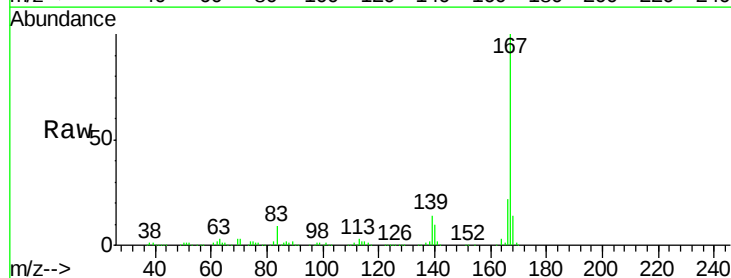
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-018-AMSD

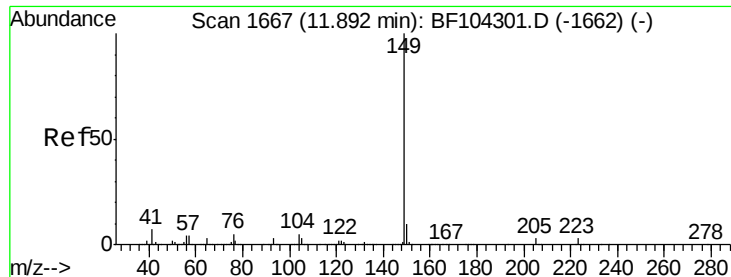
Tot Ion:178 Resp: 653898
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 16.0 12.6 19.0



#72
 Carbazole
 Concen: 29.123 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF104942.D
 Acq: 30 Apr 2018 19:27

Tgt Ion:167 Resp: 568080
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 13.6 10.9 16.3





#73

Di-n-butylphthalate

Concen: 32.166 ng

RT: 11.88 min Scan# 1665

Delta R.T. -0.00 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-018-AMSD

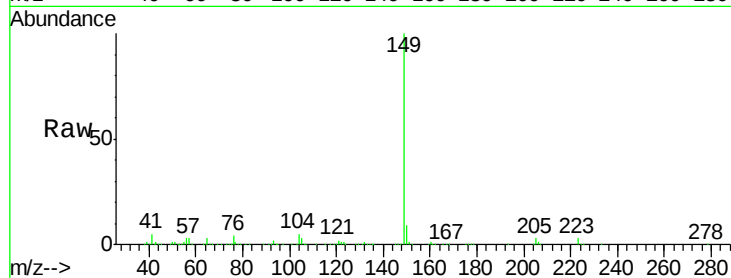
Tot Ion:149 Resp: 766448

Ion Ratio Lower Upper

149 100

150 8.9 7.8 11.6

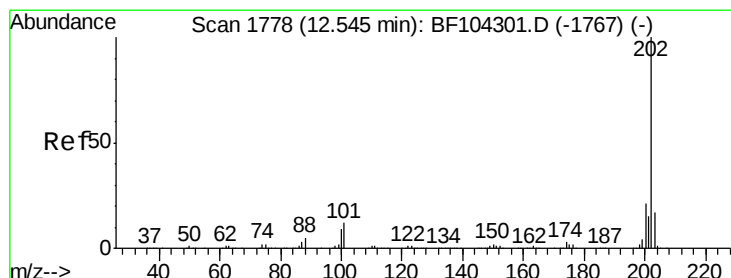
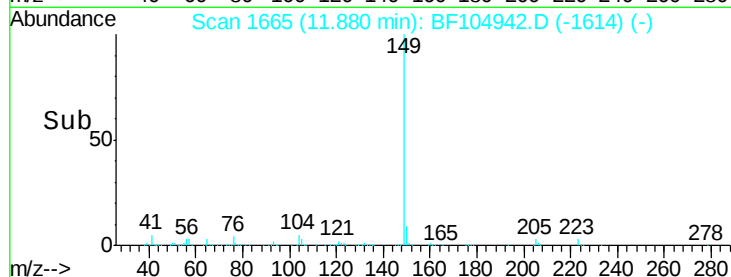
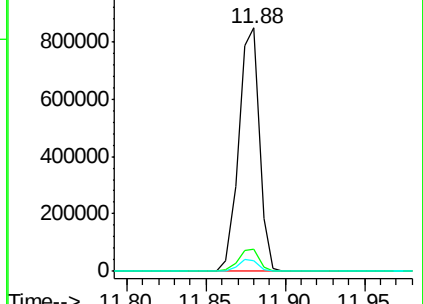
104 4.5 3.8 5.8



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: 28.939 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

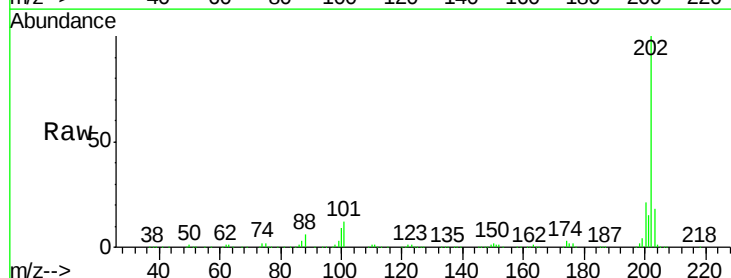
Tgt Ion:202 Resp: 593765

Ion Ratio Lower Upper

202 100

101 12.4 0.0 34.1

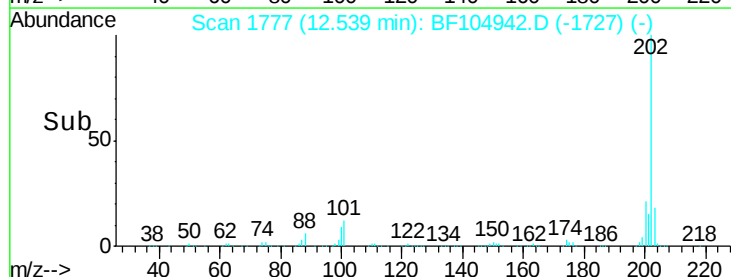
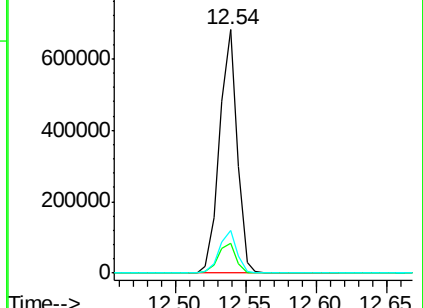
203 17.5 0.0 38.1

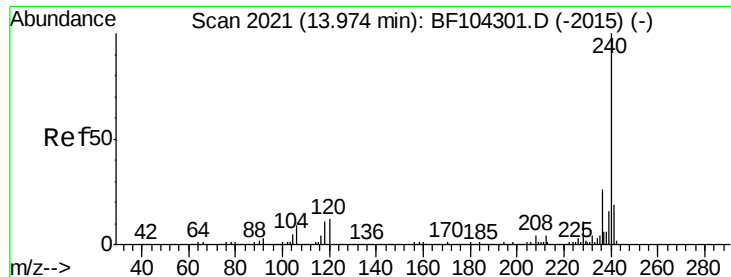


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-018-AMSD

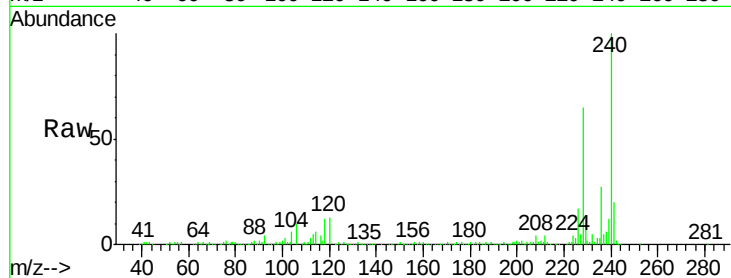
Tot Ion:240 Resp: 219183

Ion Ratio Lower Upper

240 100

120 13.5 9.5 14.3

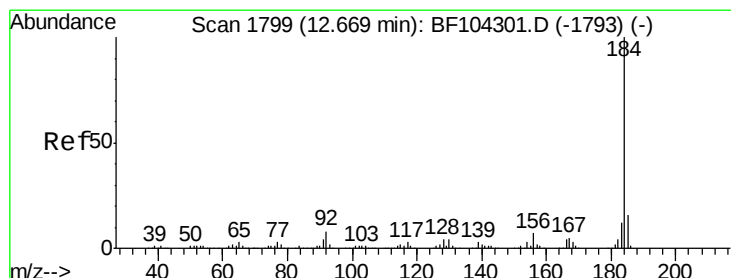
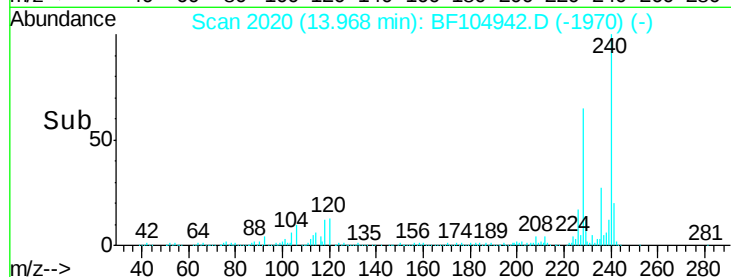
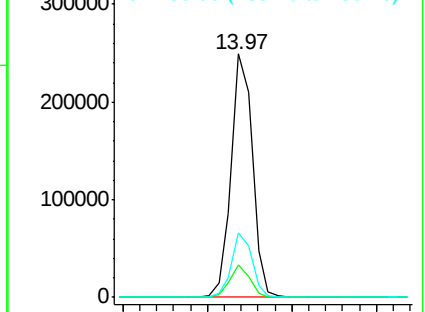
236 26.6 20.7 31.1



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: 29.530 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.00 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

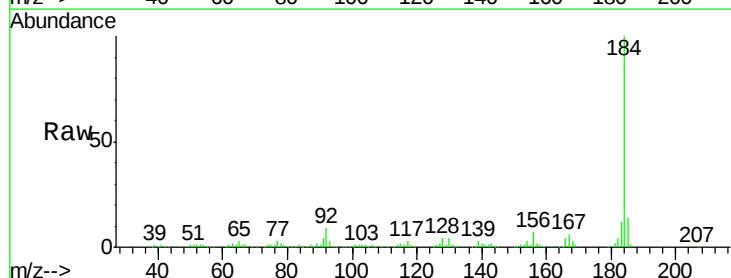
Tgt Ion:184 Resp: 237663

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

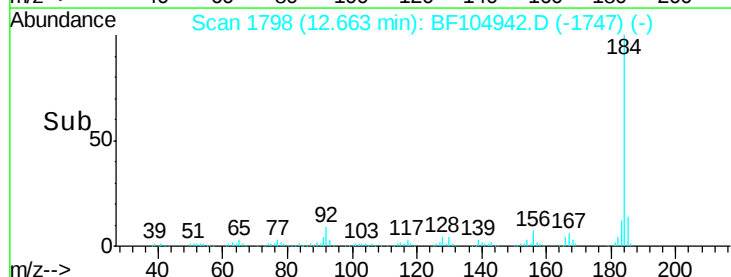
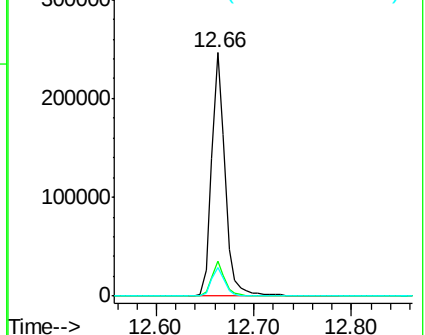
183 11.9 9.3 13.9

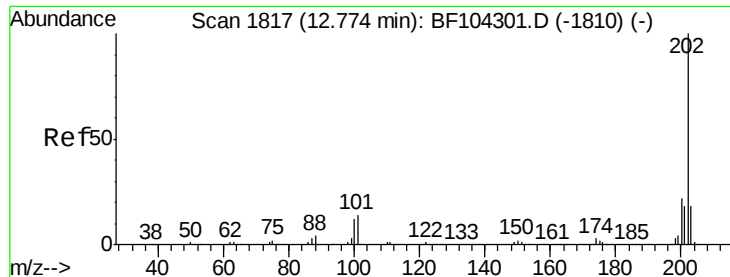


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

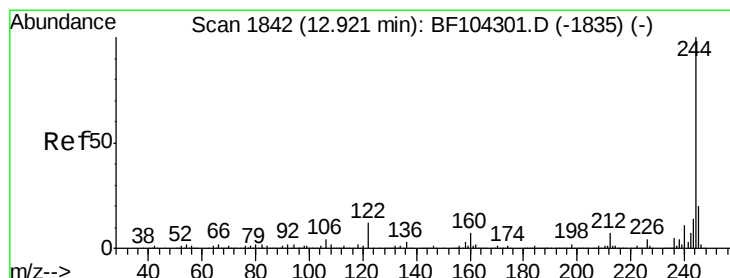
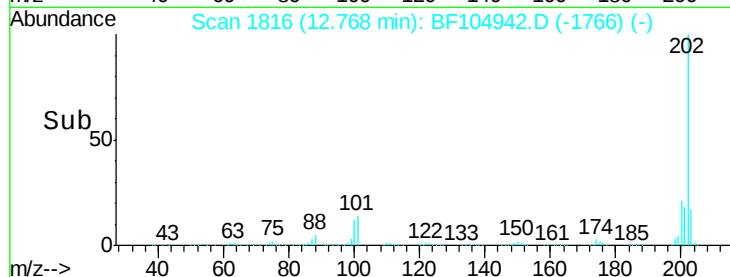
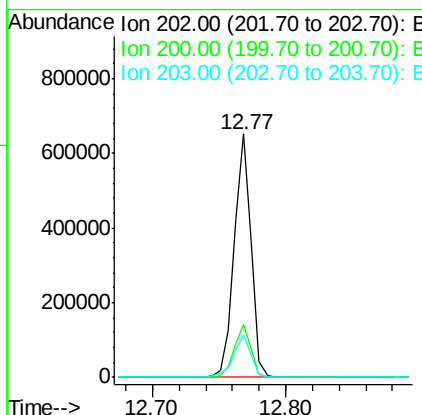
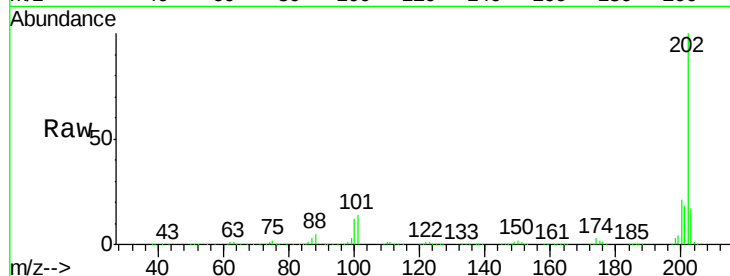




#77
 Pvrene
 Concen: 35.683 ng
 RT: 12.77 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BF104942.D
 Acq: 30 Apr 2018 19:27

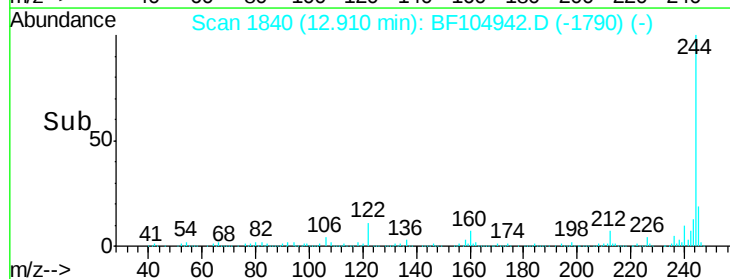
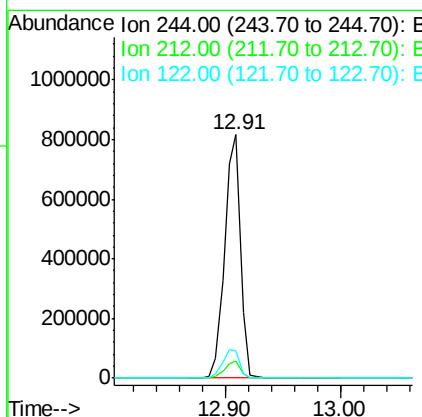
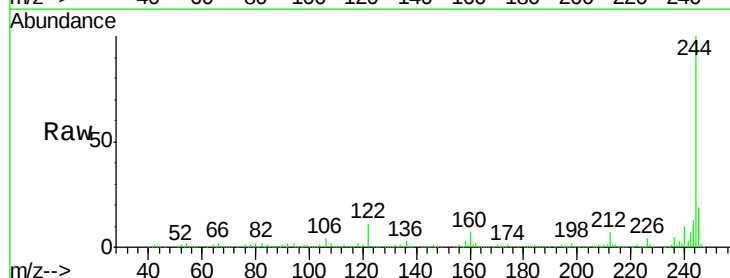
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-018-AMSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	17.4	14.3	21.5



#78
 Terphenyl-d14
 Concen: 79.860 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF104942.D
 Acq: 30 Apr 2018 19:27

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.2	11.0	16.4

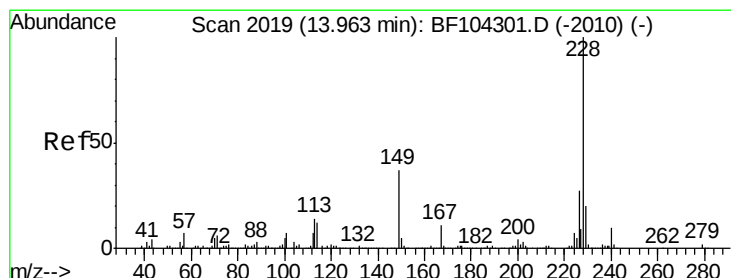
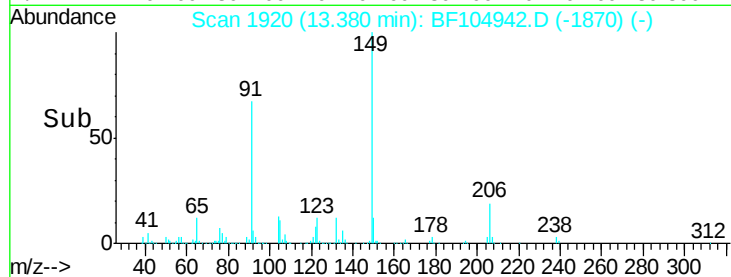
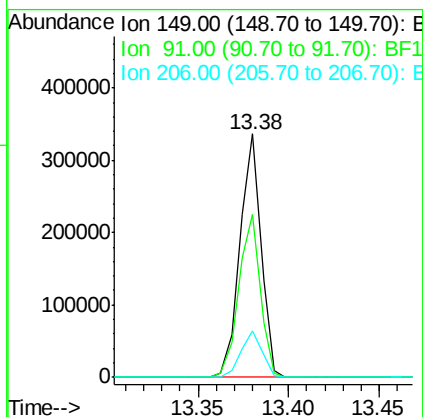
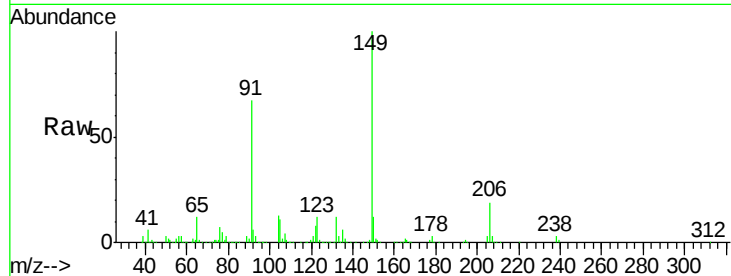




#79
Butylbenzylphthalate
Concen: 35.750 ng
RT: 13.38 min Scan# 1920
Delta R.T. -0.01 min
Lab File: BF104942.D
Acq: 30 Apr 2018 19:27

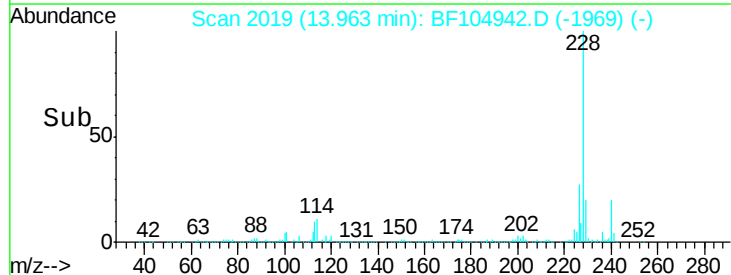
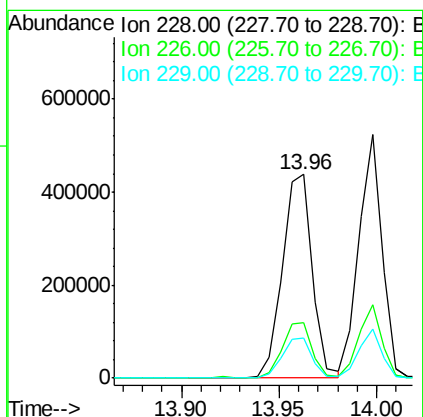
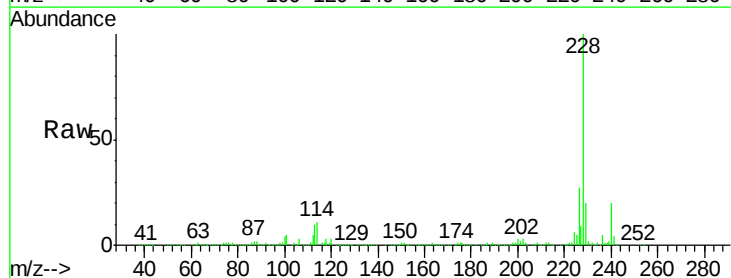
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-018-AMSD

Tot Ion:149 Resp: 273631
Ion Ratio Lower Upper
149 100
91 67.0 56.8 85.2
206 19.0 14.1 21.1



#80
Benzo(a)anthracene
Concen: 35.397 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF104942.D
Acq: 30 Apr 2018 19:27

Tgt Ion:228 Resp: 463501
Ion Ratio Lower Upper
228 100
226 27.2 22.6 33.8
229 19.7 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 30.109 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-018-AMSD

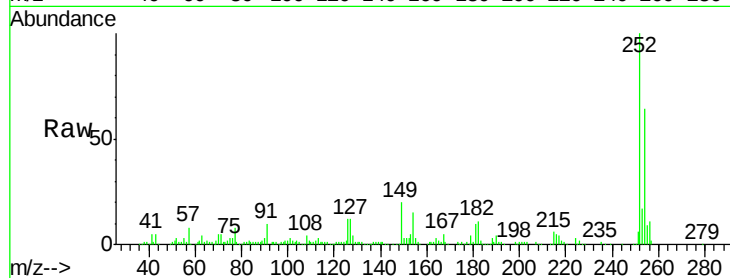
Tot Ion:252 Resp: 147000

Ion Ratio Lower Upper

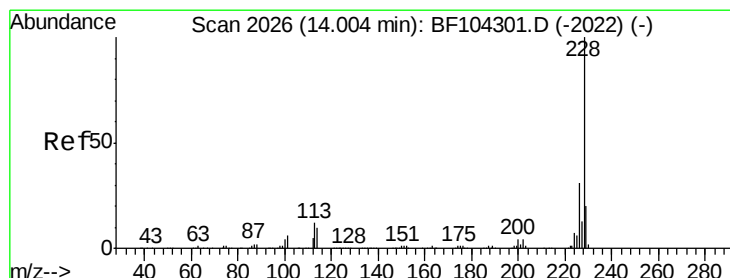
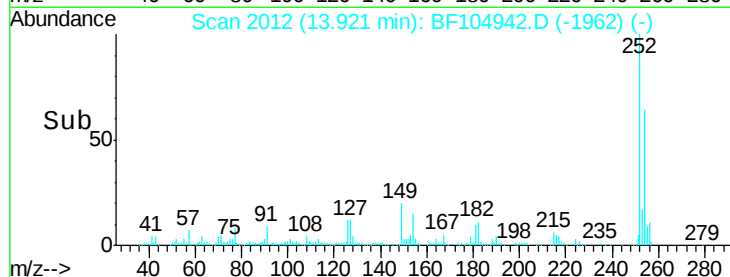
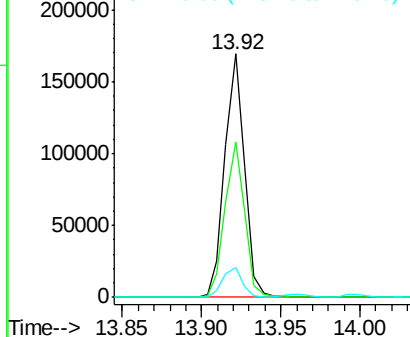
252 100

254 63.6 50.4 75.6

126 12.0 11.3 16.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 32.133 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

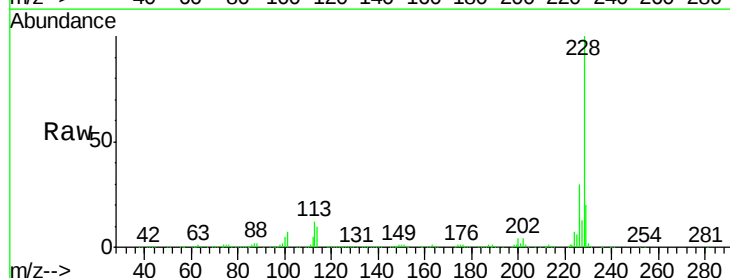
Tgt Ion:228 Resp: 432187

Ion Ratio Lower Upper

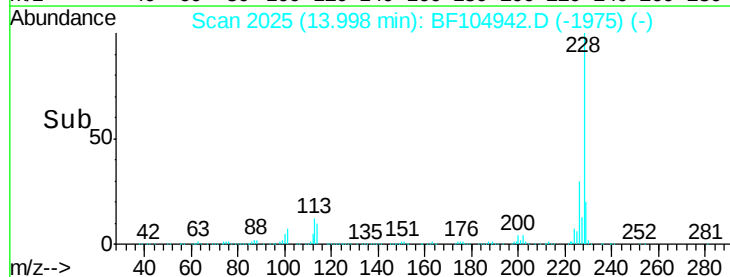
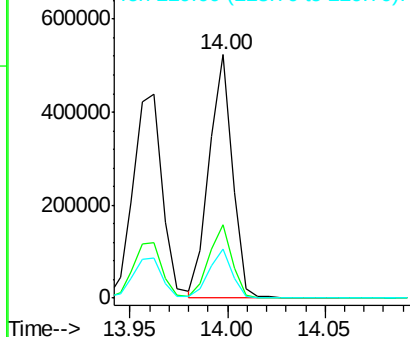
228 100

226 30.2 25.0 37.6

229 20.2 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.395 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-018-AMSD

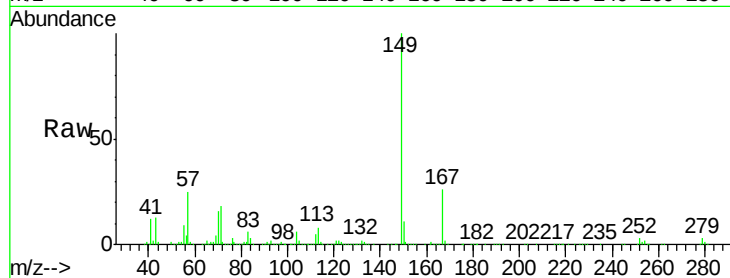
Tot Ion:149 Resp: 378001

Ion Ratio Lower Upper

149 100

167 26.2 21.3 31.9

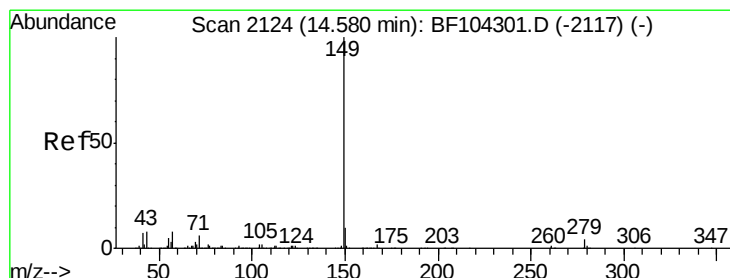
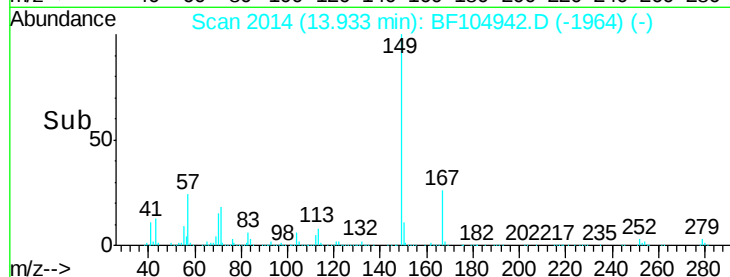
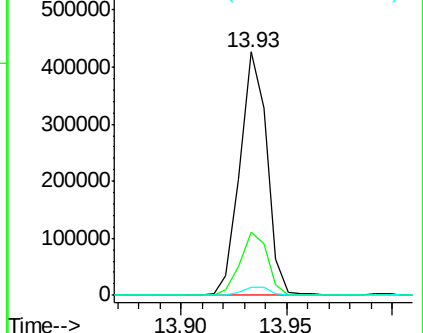
279 3.4 3.0 4.4



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: 35.996 ng

RT: 14.55 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

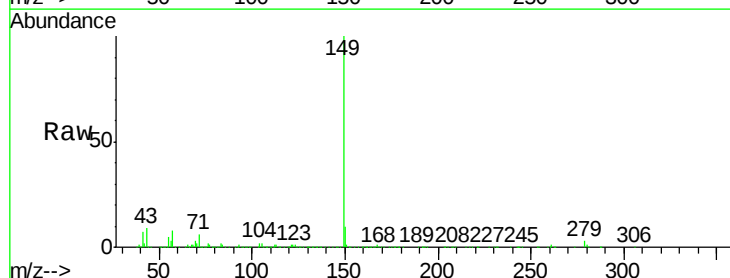
Tgt Ion:149 Resp: 592137

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

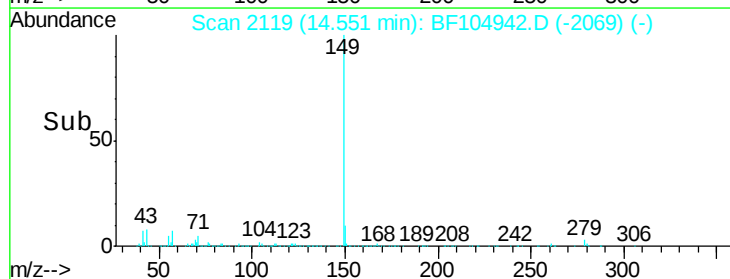
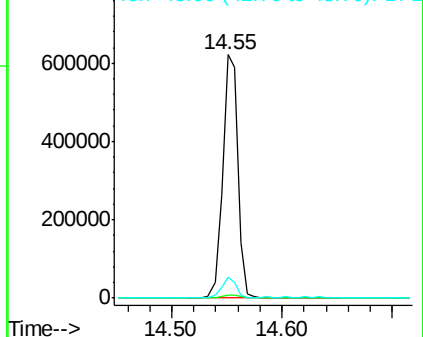
43 7.6 8.4 12.6#

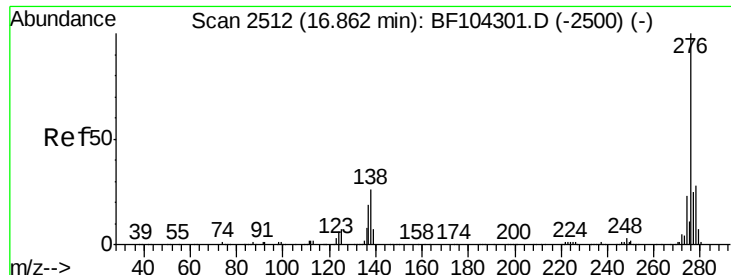


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

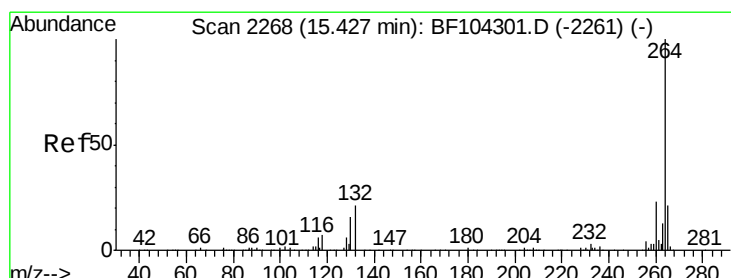
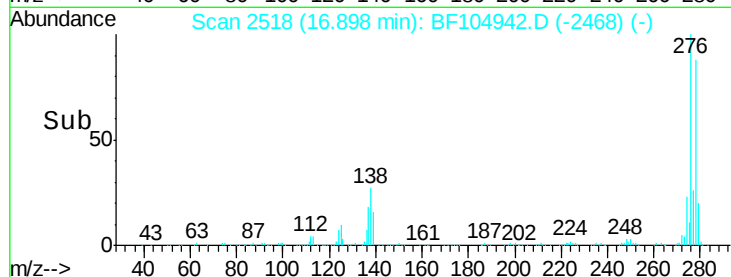
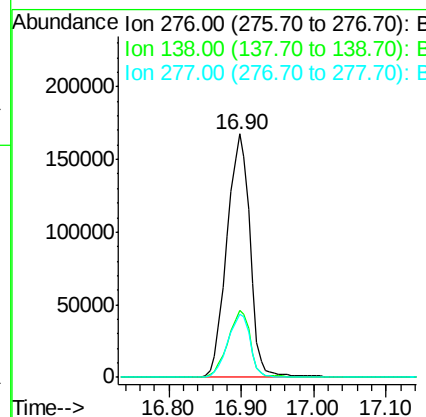
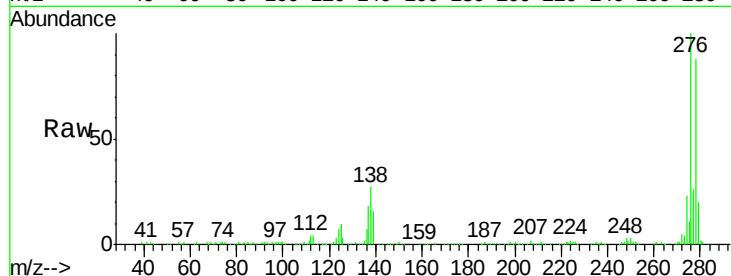




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.681 ng
 RT: 16.90 min Scan# 2518
 Delta R.T. -0.01 min
 Lab File: BF104942.D
 Acq: 30 Apr 2018 19:27

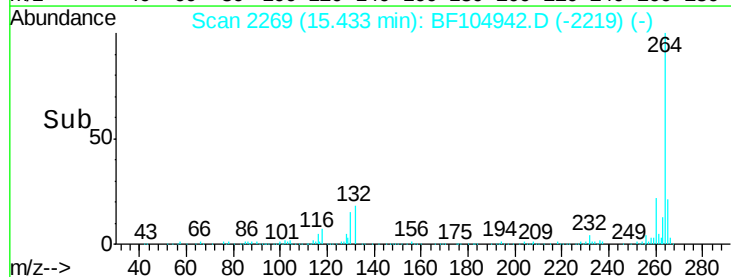
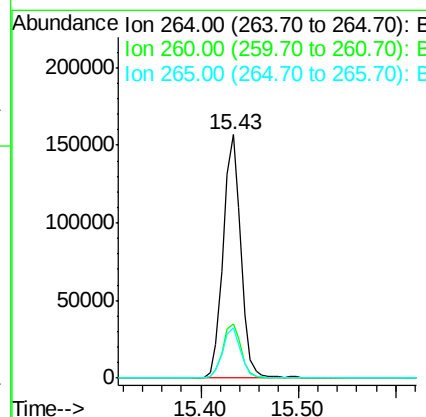
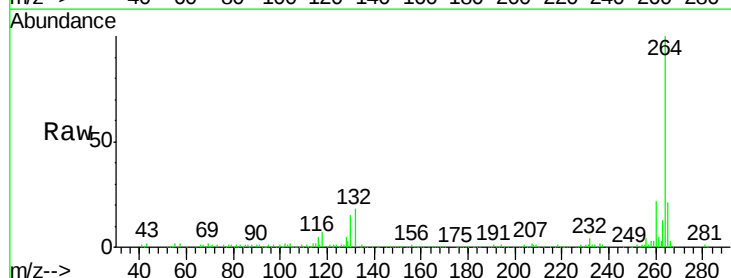
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-018-AMSD

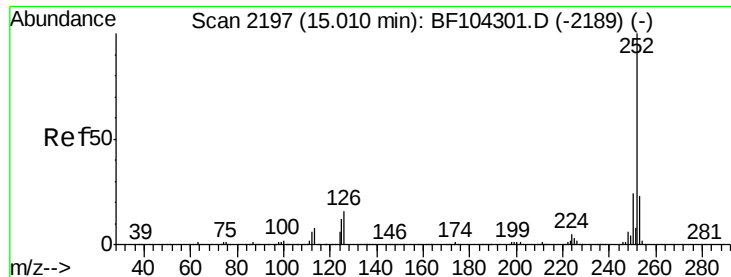
Tot Ion	Ratio	Lower	Upper
276	100		
138	27.0	25.0	37.6
277	25.4	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: BF104942.D
 Acq: 30 Apr 2018 19:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.2	28.8
265	20.9	17.5	26.3

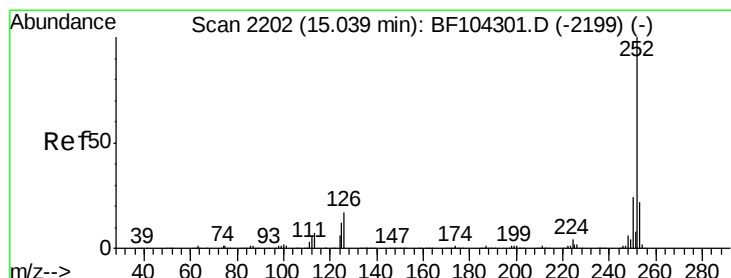
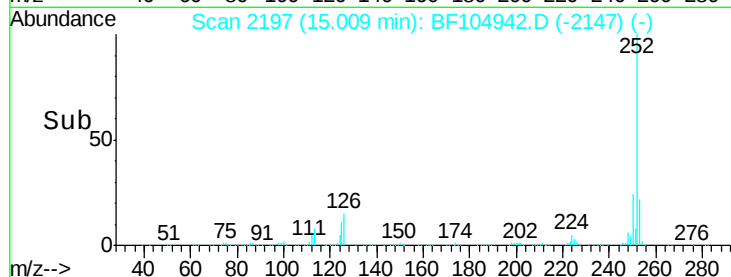
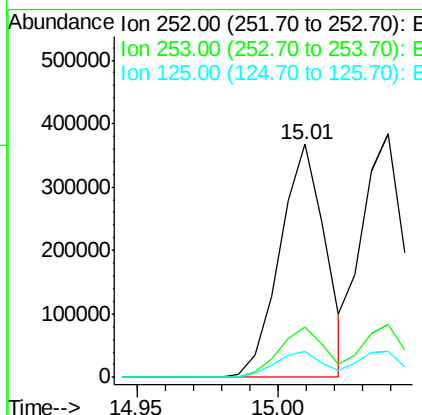
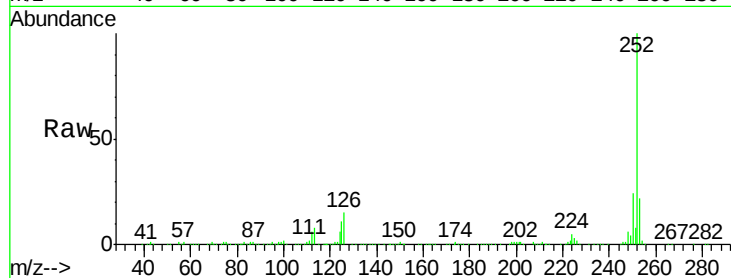




#87
Benzo(b)fluoranthene
Concen: 32.770 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BF104942.D
Acq: 30 Apr 2018 19:27

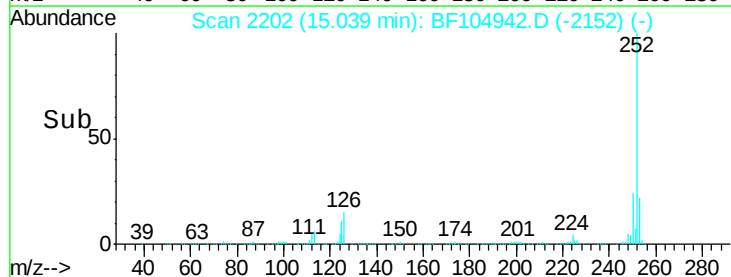
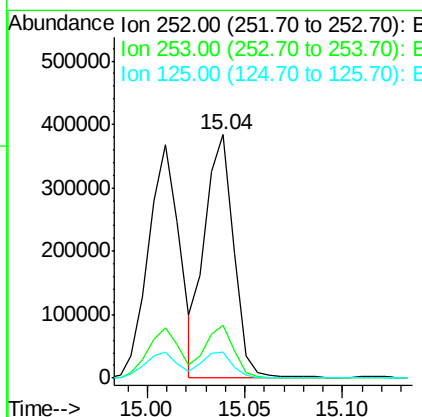
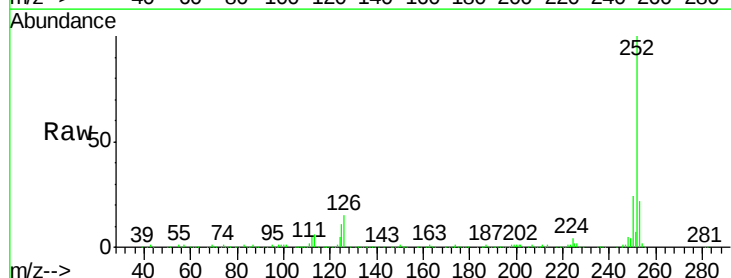
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-018-AMSD

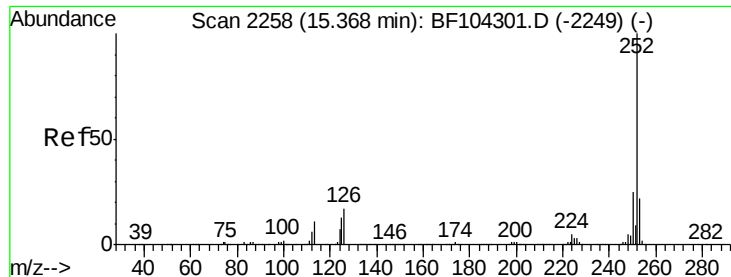
Tot Ion:252 Resp: 409835
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 11.4 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 33.361 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF104942.D
Acq: 30 Apr 2018 19:27

Tgt Ion:252 Resp: 393902
Ion Ratio Lower Upper
252 100
253 21.5 17.9 26.9
125 10.7 10.2 15.2





#89

Benzo(a)pyrene

Concen: 33.642 ng

RT: 15.37 min Scan# 2259

Delta R.T. -0.01 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-018-AMSD

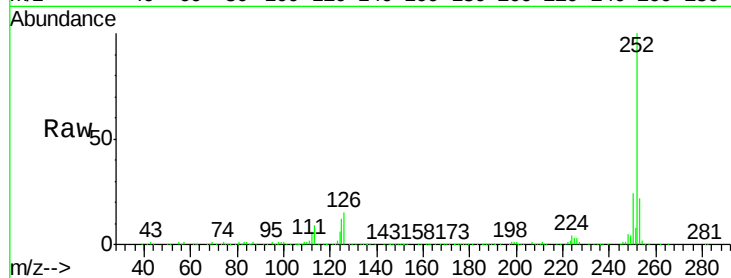
Tot Ion:252 Resp: 376465

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

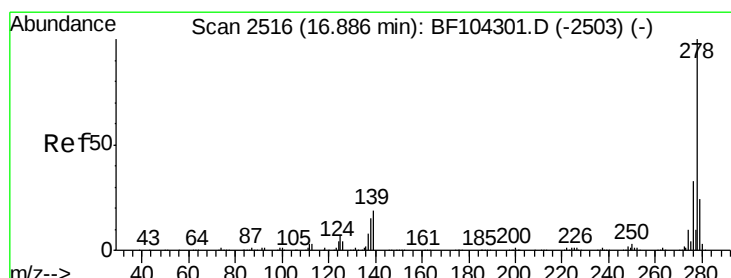
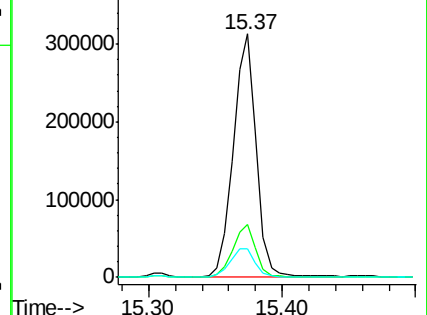
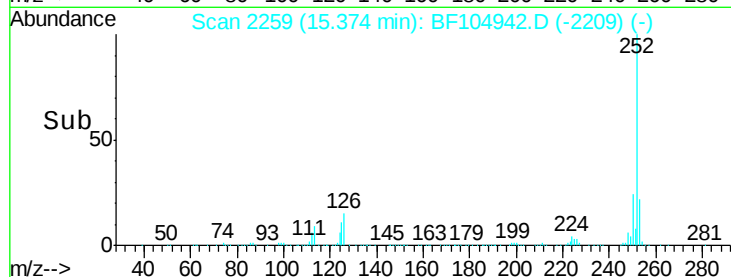
125 11.7 9.8 14.6



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: 34.025 ng

RT: 16.90 min Scan# 2519

Delta R.T. -0.01 min

Lab File: BF104942.D

Acq: 30 Apr 2018 19:27

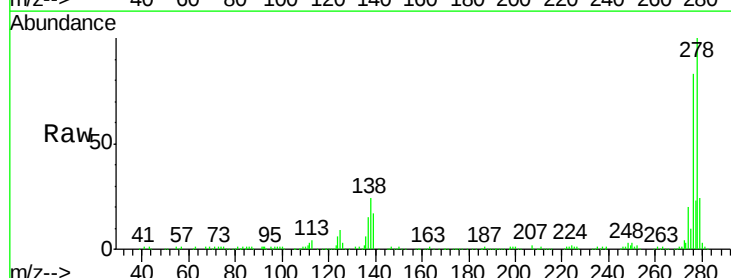
Tgt Ion:278 Resp: 312709

Ion Ratio Lower Upper

278 100

139 17.3 15.9 23.9

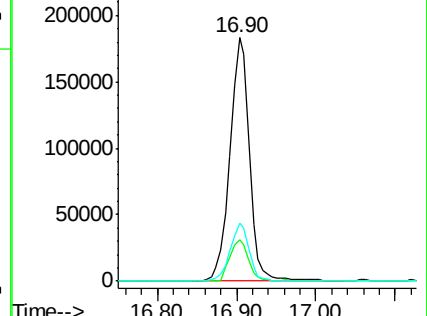
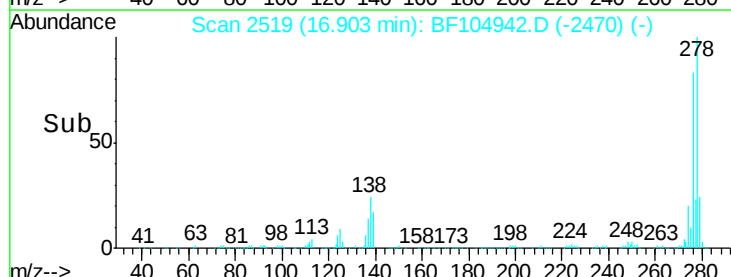
279 23.6 19.0 28.4

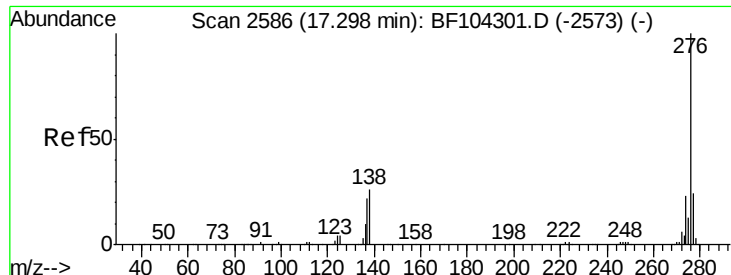


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 33.685 ng

RT: 17.33 min Scan# 2592

Delta R.T. -0.02 min

Lab File: BF104942.D

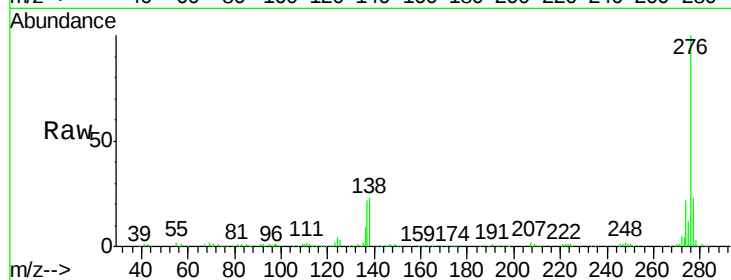
Acq: 30 Apr 2018 19:27

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-018-AMSD



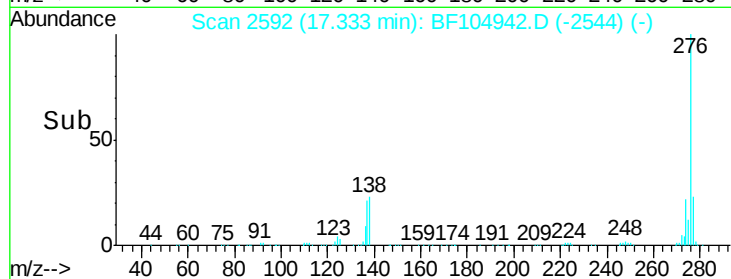
Tot Ion: 276 Resp: 299929

Ion Ratio Lower Upper

276 100

277 23.4 17.9 26.9

138 23.3 21.8 32.8



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

