

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
 Data File : BF104941.D
 Acq On : 30 Apr 2018 19:01
 Operator : JU/SJ
 Sample : J2613-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: May 01 04:35:28 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	116304	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	480318	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	218072	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	365352	20.00	ng	0.00
75) Chrysene-d12	13.97	240	229034	20.00	ng	0.00
86) Perylene-d12	15.44	264	209638	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	781491	102.74	ng	0.01
7) Phenol-d6	6.44	99	963295	103.07	ng	0.00
23) Nitrobenzene-d5	7.36	82	595472	80.95	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	239208	105.75	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1061230	76.88	ng	0.00
78) Terphenyl-d14	12.91	244	833089	82.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	91863	25.919	ng	87
3) Pyridine	3.28	79	251569	25.246	ng	87
4) n-Nitrosodimethylamine	3.23	42	110361	31.683	ng	# 78
6) Aniline	6.46	93	279470	21.524	ng	# 19
8) 2-Chlorophenol	6.58	128	293242	36.527	ng	94
9) Benzaldehyde	6.34	77	108004	19.050	ng	98
10) Phenol	6.45	94	359642	36.269	ng	76
11) bis(2-Chloroethyl)ether	6.53	93	268255	33.900	ng	91
12) 1,3-Dichlorobenzene	6.73	146	302627	33.274	ng	97
13) 1,4-Dichlorobenzene	6.81	146	304043	33.536	ng	99
14) 1,2-Dichlorobenzene	6.96	146	289318	34.436	ng	99
15) Benzyl Alcohol	6.94	79	229621	32.349	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	305848	28.781	ng	71
17) 2-Methylphenol	7.06	107	235367	33.727	ng	# 92
18) Hexachloroethane	7.30	117	105473	32.629	ng	98
19) n-Nitroso-di-n-propylamine	7.21	70	185177	30.322	ng	93
20) 3+4-Methylphenols	7.21	107	290546	33.570	ng	# 74
22) Acetophenone	7.20	105	388727	32.873	ng	99
24) Nitrobenzene	7.38	77	290648	35.789	ng	97
25) Isophorone	7.62	82	531735	34.185	ng	99
26) 2-Nitrophenol	7.70	139	151550	45.838	ng	# 89
27) 2,4-Dimethylphenol	7.73	122	258257	37.620	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	341003	35.856	ng	99
29) 2,4-Dichlorophenol	7.94	162	245657	37.504	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	249862	34.759	ng	100
31) Naphthalene	8.10	128	822763	34.400	ng	99
32) Benzoic acid	7.84	122	43049	7.859	ng	95
33) 4-Chloroaniline	8.15	127	172850	16.869	ng	96
34) Hexachlorobutadiene	8.21	225	135739	34.474	ng	97
35) Caprolactam	8.53	113	74861	32.762	ng	# 71
36) 4-Chloro-3-methylphenol	8.65	107	256531	36.525	ng	98
37) 2-Methylnaphthalene	8.79	142	547115	35.364	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	238460	38.200	ng	98
40) Hexachlorocyclopentadiene	8.93	237	57332	16.405	ng	99

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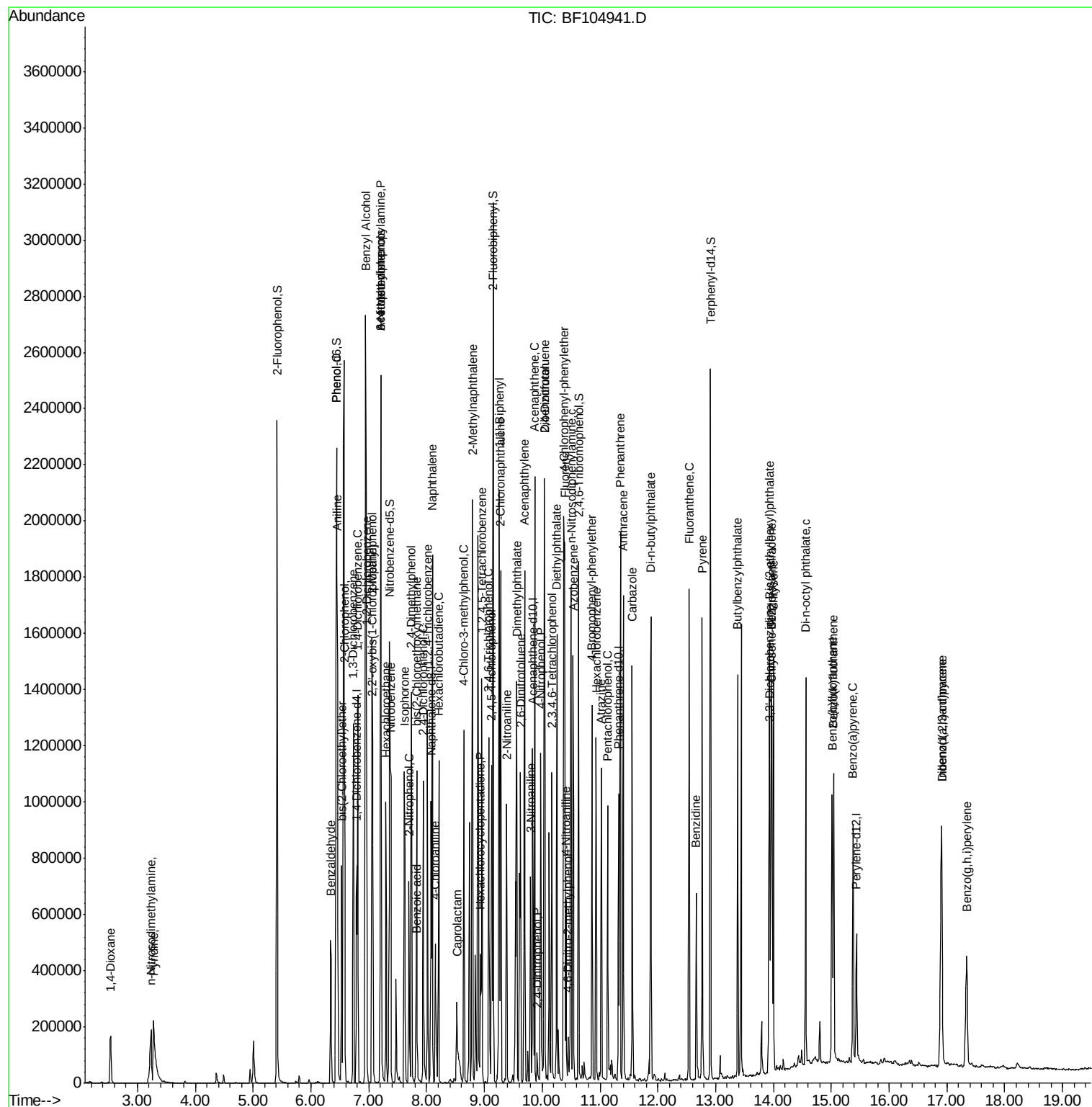
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	164398	37.937	nq	99
43) 2,4,5-Trichlorophenol	9.12	196	171840	35.436	nq	96
45) 1,1'-Biphenyl	9.26	154	646367	35.283	nq	98
46) 2-Chloronaphthalene	9.28	162	511205	35.328	nq	100
47) 2-Nitroaniline	9.39	65	151701	42.393	nq	89
48) Acenaphthylene	9.70	152	747548	32.927	nq	100
49) Dimethylphthalate	9.56	163	709370	41.250	nq	99
50) 2,6-Dinitrotoluene	9.63	165	132532	41.650	nq	90
51) Acenaphthene	9.87	154	441702	31.887	nq	99
52) 3-Nitroaniline	9.80	138	113826	30.555	nq	97
53) 2,4-Dinitrophenol	9.91	184	17259	22.588	nq	# 24
54) Dibenzofuran	10.04	168	660895	34.236	nq	98
55) 4-Nitrophenol	9.97	139	170031	58.105	nq	94
56) 2,4-Dinitrotoluene	10.03	165	159999	38.333	nq	96
57) Fluorene	10.39	166	522309	37.172	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	123279	34.076	nq	94
59) Diethylphthalate	10.25	149	587672	34.313	nq	99
60) 4-Chlorophenyl-phenylether	10.37	204	248080	39.645	nq	95
61) 4-Nitroaniline	10.42	138	131894	36.210	nq	94
62) Azobenzene	10.53	77	516465	31.564	nq	95
64) 4,6-Dinitro-2-methylphenol	10.45	198	20147	16.937	nq	80
65) n-Nitrosodiphenylamine	10.50	169	468554	36.988	nq	99
66) 4-Bromophenyl-phenylether	10.86	248	146548	37.710	nq	94
67) Hexachlorobenzene	10.93	284	157902	36.110	nq	# 89
68) Atrazine	11.03	200	145455	38.040	nq	98
69) Pentachlorophenol	11.13	266	115500	42.695	nq	98
70) Phenanthrene	11.35	178	711434	34.966	nq	99
71) Anthracene	11.40	178	731527	35.370	nq	99
72) Carbazole	11.56	167	638496	31.593	nq	100
73) Di-n-butylphthalate	11.88	149	860327	34.848	nq	99
74) Fluoranthene	12.54	202	664378	31.253	nq	97
76) Benzidine	12.66	184	254388	30.492	nq	98
77) Pyrene	12.77	202	647727	38.154	nq	99
79) Butylbenzylphthalate	13.38	149	305536	38.201	nq	96
80) Benzo(a)anthracene	13.96	228	521597	38.121	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	171382	33.593	nq	97
82) Chrysene	14.00	228	485180	34.522	nq	98
83) Bis(2-ethylhexyl)phthalate	13.93	149	421477	40.970	nq	# 99
84) Di-n-octyl phthalate	14.56	149	653388	38.011	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.90	276	423775	35.495	nq	96
87) Benzo(b)fluoranthene	15.02	252	483672	36.530	nq	98
88) Benzo(k)fluoranthene	15.04	252	430985	34.479	nq	98
89) Benzo(a)pyrene	15.38	252	433699	36.609	nq	99
90) Dibenzo(a,h)anthracene	16.91	278	358191	36.814	nq	97
91) Benzo(g,h,i)perylene	17.34	276	340347	36.105	nq	# 94

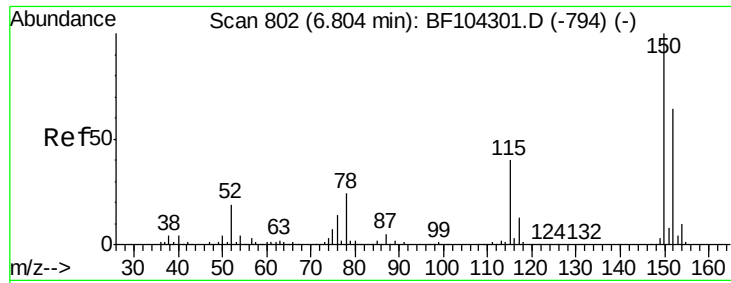
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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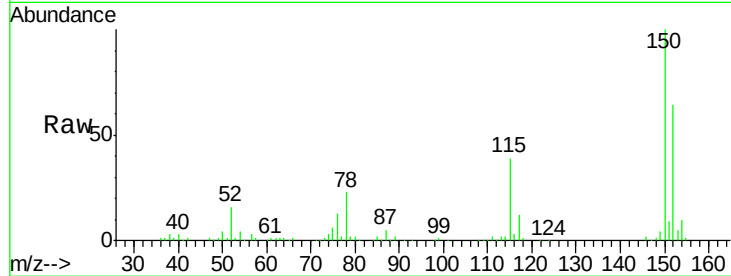


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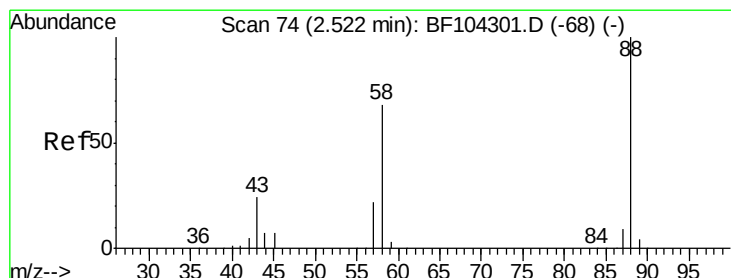
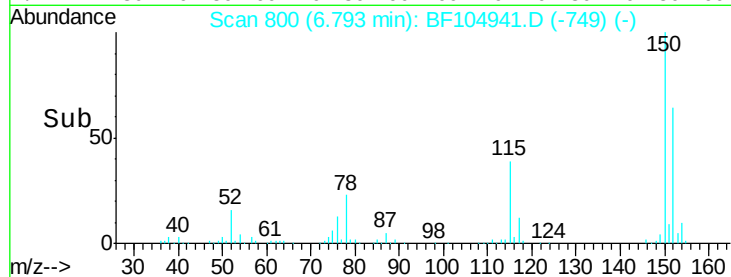
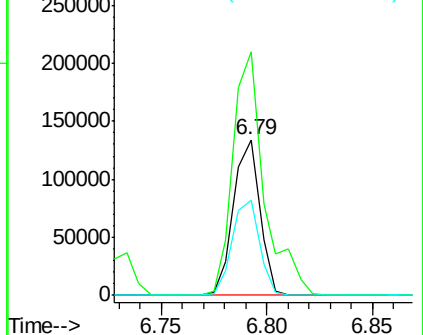
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF104941.D
Acq: 30 Apr 2018 19:01

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

Tot Ion:152 Resp: 116304
Ion Ratio Lower Upper
152 100
150 156.1 124.6 186.8
115 60.7 50.1 75.1



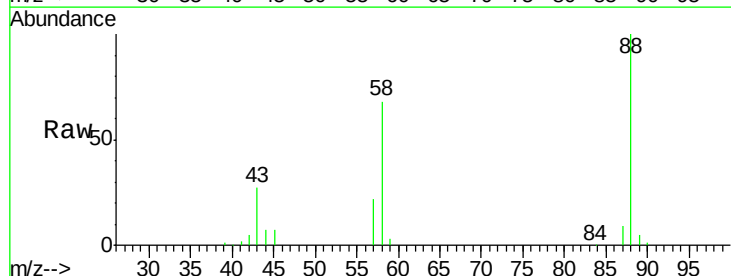
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



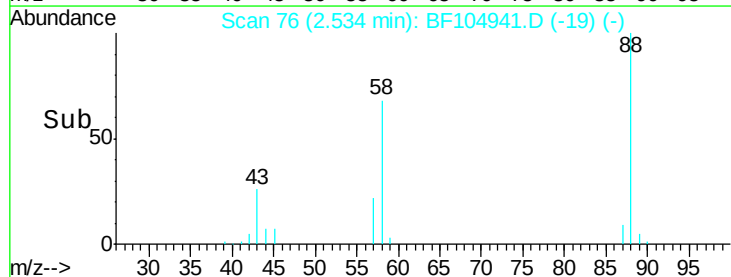
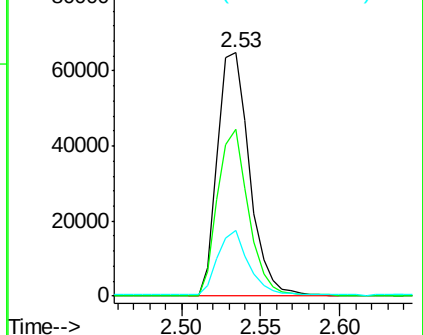
#2

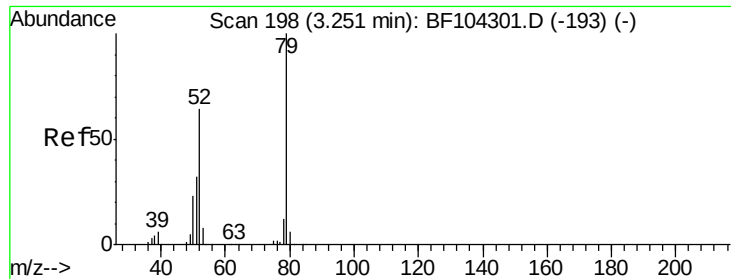
1,4-Dioxane
Concen: 25.919 ng
RT: 2.53 min Scan# 76
Delta R.T. 0.04 min
Lab File: BF104941.D
Acq: 30 Apr 2018 19:01

Tgt Ion: 88 Resp: 91863
Ion Ratio Lower Upper
88 100
58 66.2 62.6 93.8
43 25.0 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

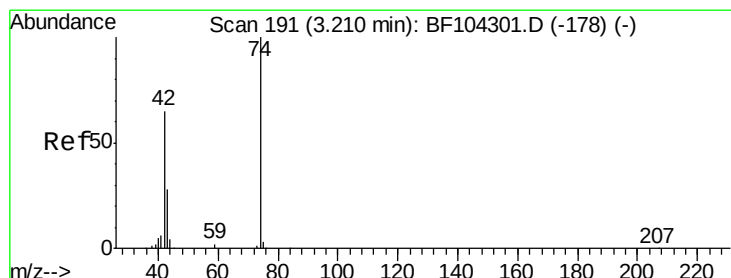
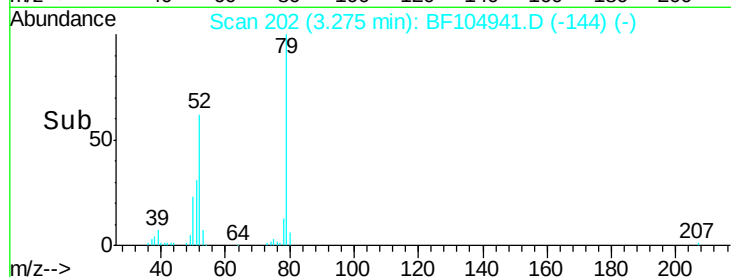
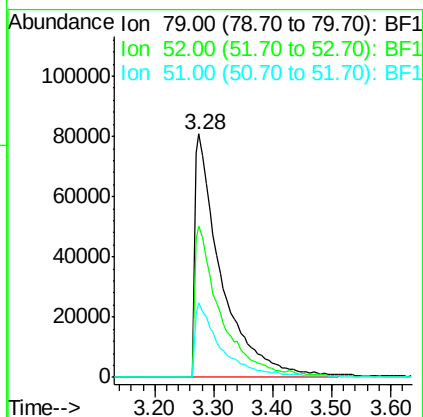
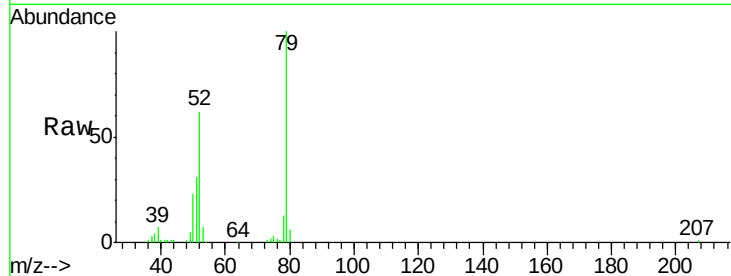




#3
 Pvridine
 Concen: 25.246 ng
 RT: 3.28 min Scan# 202
 Delta R.T. 0.04 min
 Lab File: BF104941.D
 Acq: 30 Apr 2018 19:01

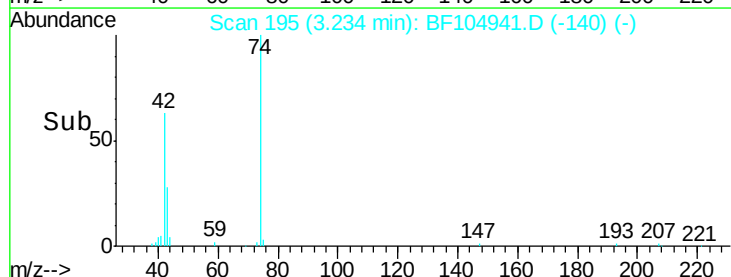
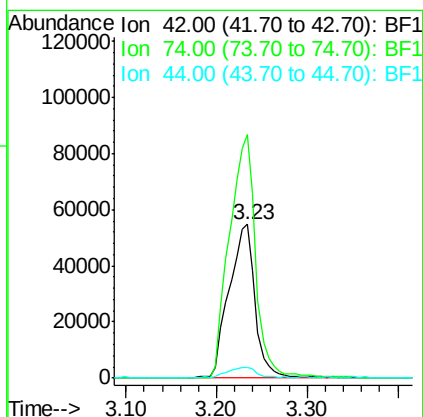
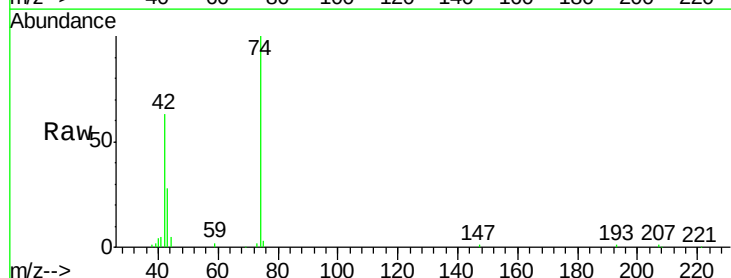
Instrument :
 BNA_F
 ClientSampleId :
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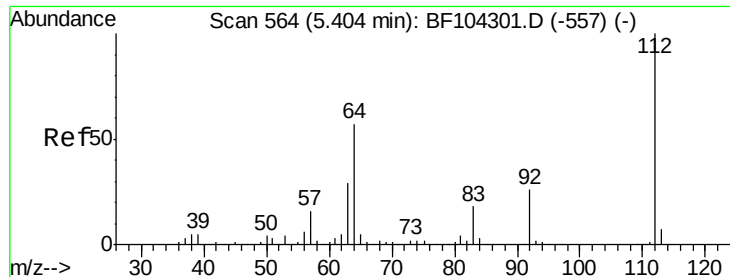
Tot Ion: 79 Resp: 251569
 Ion Ratio Lower Upper
 79 100
 52 62.5 59.8 89.6
 51 30.8 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 31.683 ng
 RT: 3.23 min Scan# 195
 Delta R.T. 0.02 min
 Lab File: BF104941.D
 Acq: 30 Apr 2018 19:01

Tgt Ion: 42 Resp: 110361
 Ion Ratio Lower Upper
 42 100
 74 158.7 104.9 157.3#
 44 7.3 6.9 10.3





#5

2-Fluorophenol

Concen: 102.743 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-018-AMS

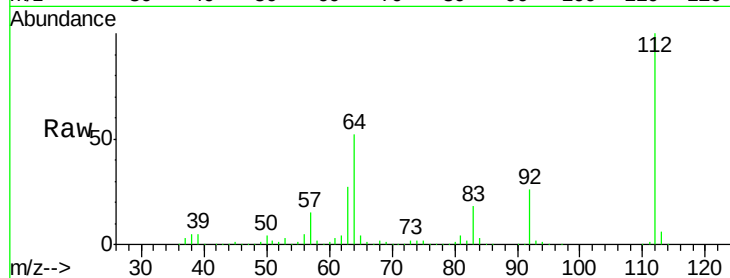
Tot Ion:112 Resp: 781491

Ion Ratio Lower Upper

112 100

64 51.8 47.9 71.9

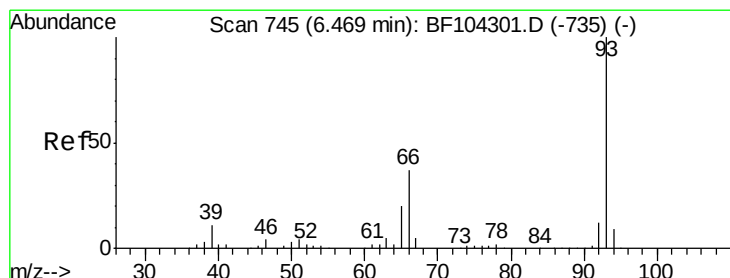
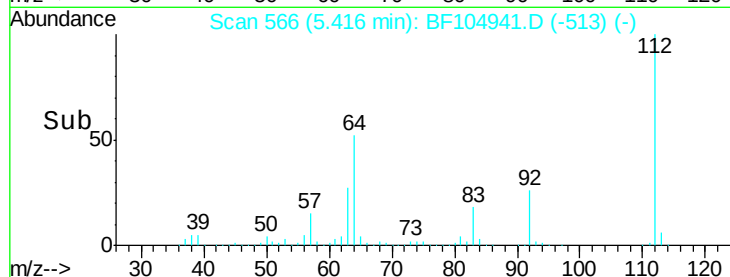
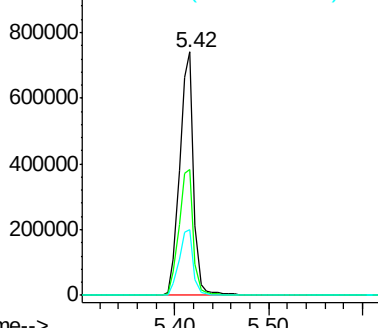
63 27.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 21.524 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

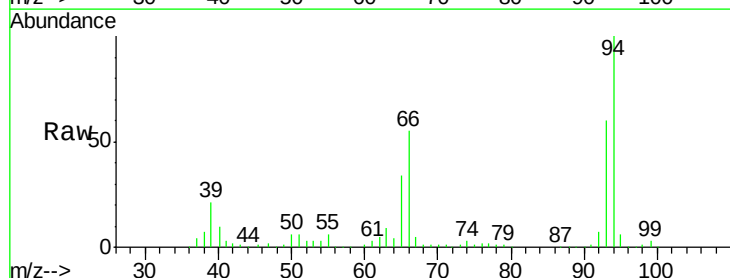
Tgt Ion: 93 Resp: 279470

Ion Ratio Lower Upper

93 100

66 91.0 32.2 48.2#

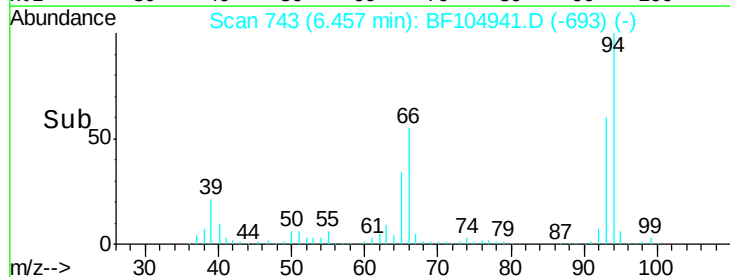
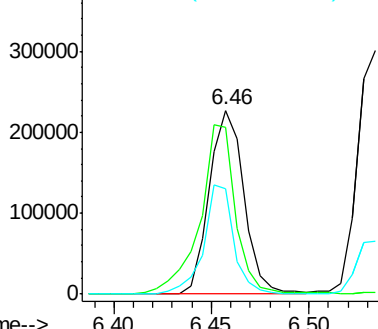
65 57.0 16.4 24.6#

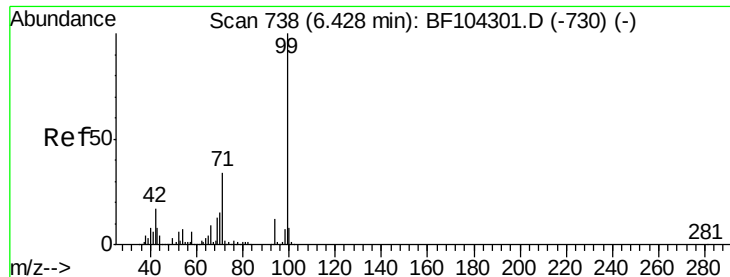


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 103.074 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

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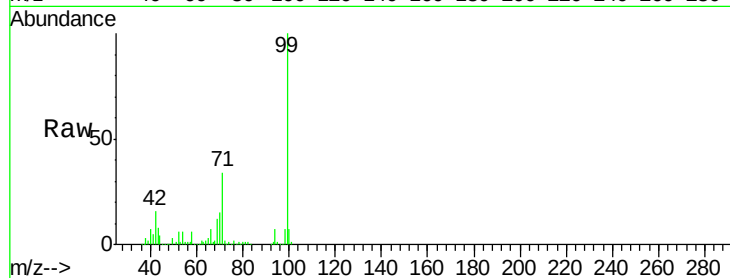
Tot Ion: 99 Resp: 963295

Ion Ratio Lower Upper

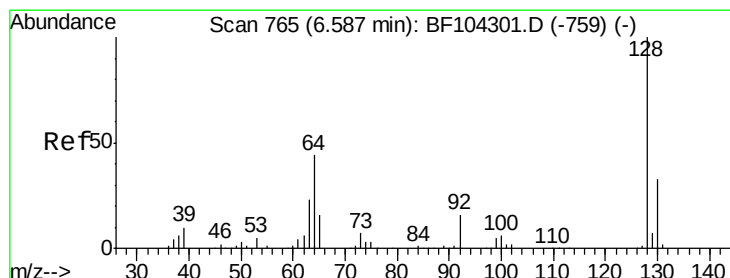
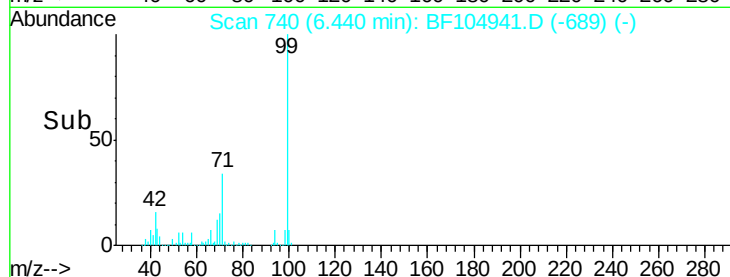
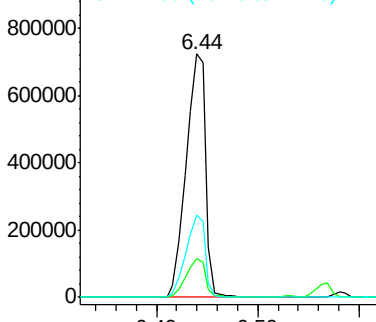
99 100

42 15.7 14.5 21.7

71 34.0 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: 36.527 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF104941.D

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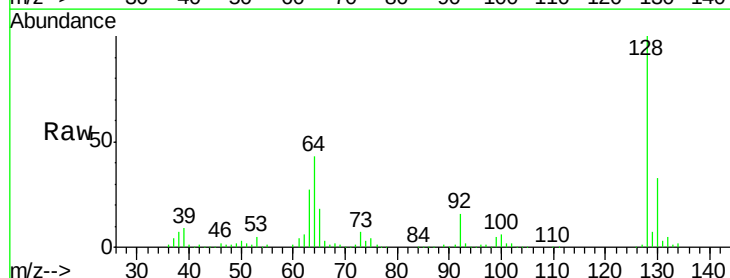
Tgt Ion: 128 Resp: 293242

Ion Ratio Lower Upper

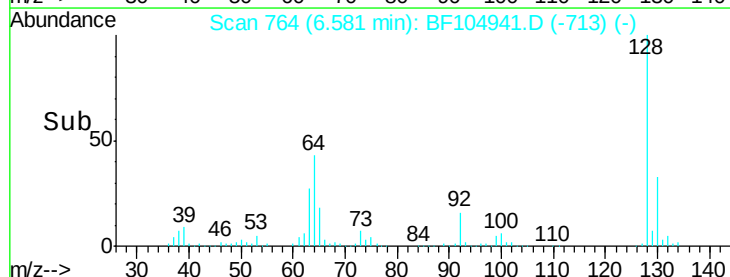
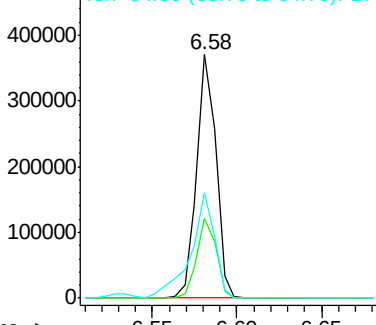
128 100

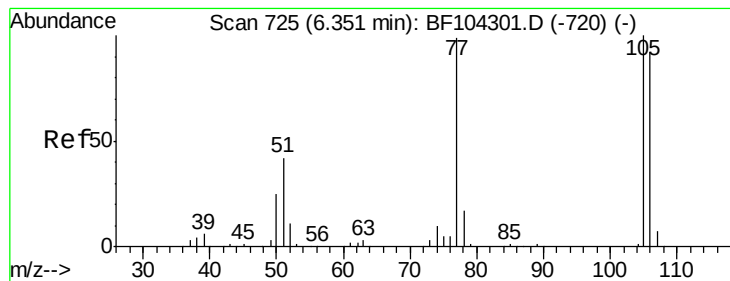
130 32.9 13.0 53.0

64 43.1 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: 19.050 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

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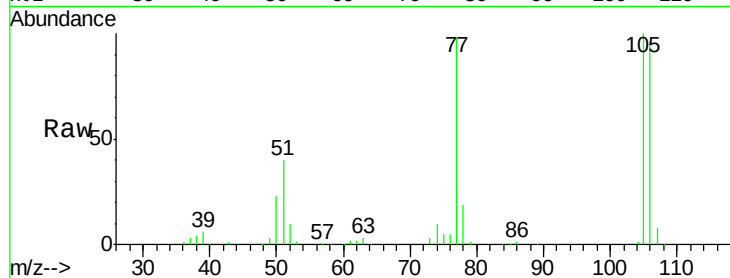
Tot Ion: 77 Resp: 108004

Ion Ratio Lower Upper

77 100

105 101.8 81.1 121.1

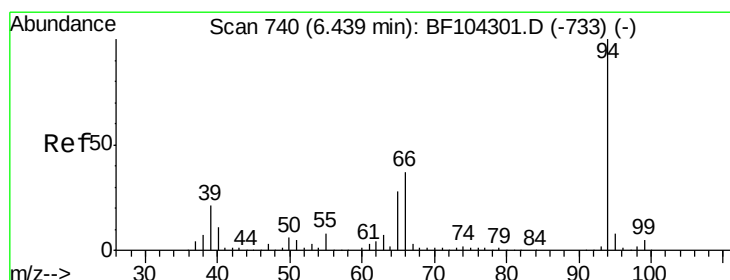
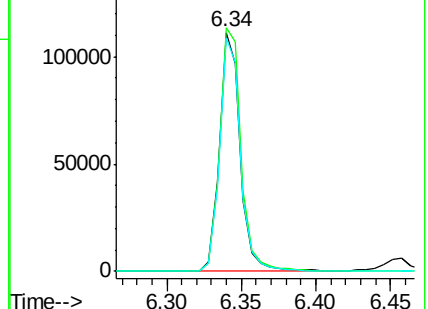
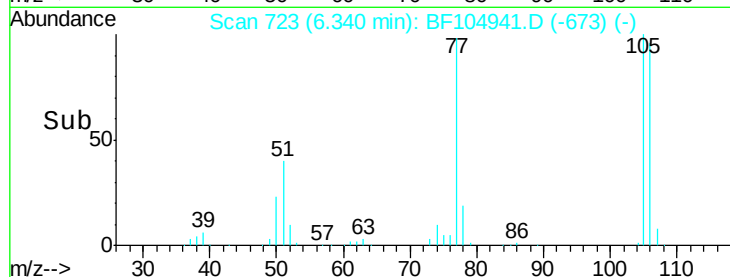
106 97.5 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 36.269 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

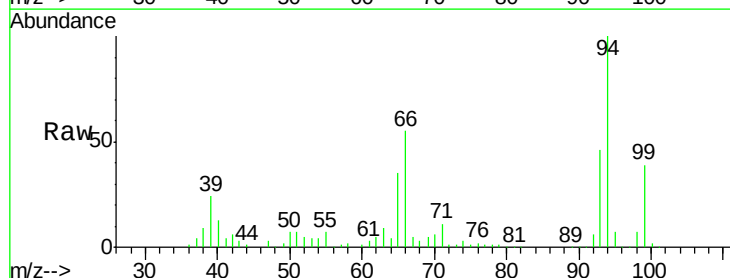
Tgt Ion: 94 Resp: 359642

Ion Ratio Lower Upper

94 100

65 35.2 7.9 47.9

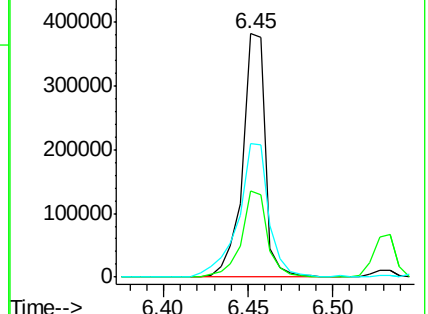
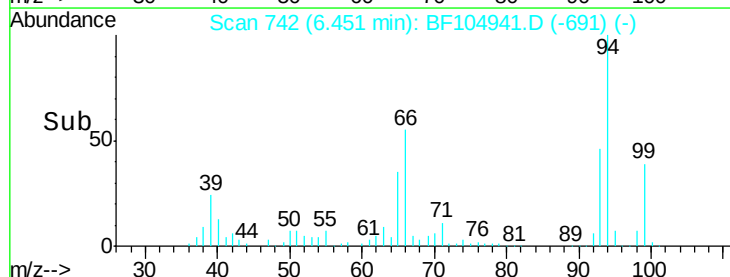
66 54.8 16.2 56.2

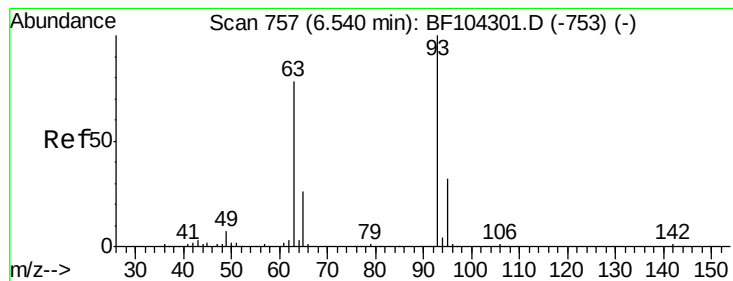


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

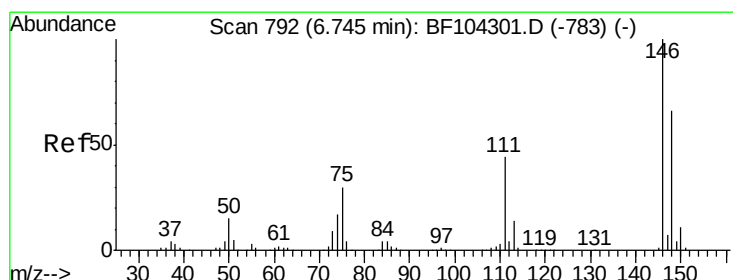
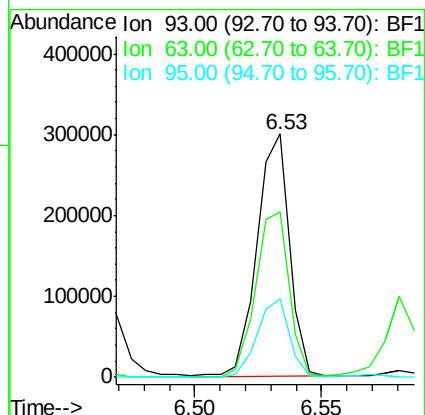
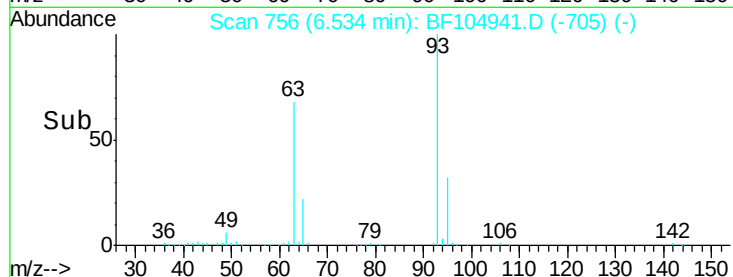
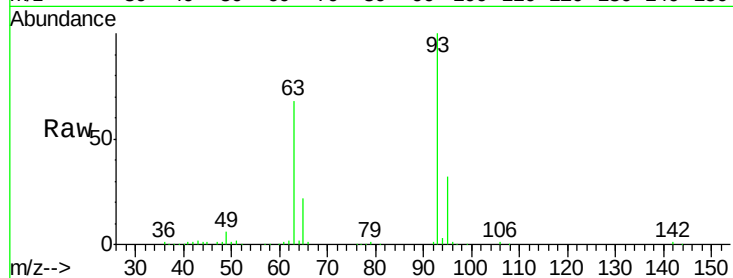




#11
bis(2-Chloroethyl)ether
Concen: 33.900 ng
RT: 6.53 min Scan# 756
Delta R.T. 0.00 min
Lab File: BF104941.D
Acq: 30 Apr 2018 19:01

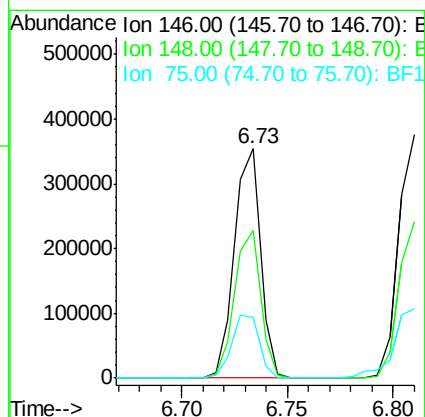
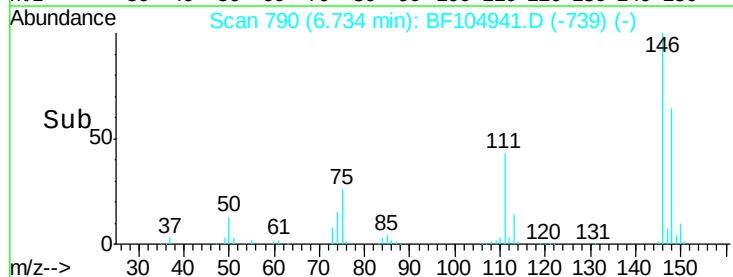
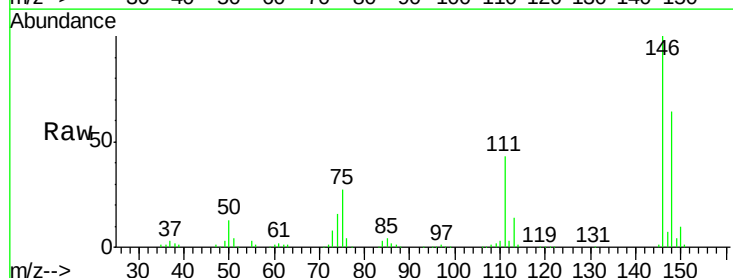
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-018-AMS

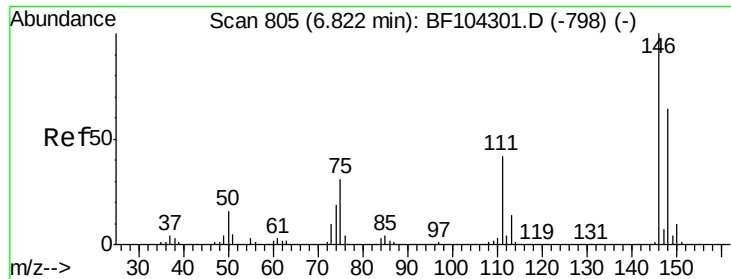
Tot Ion: 93 Resp: 268255
Ion Ratio Lower Upper
93 100
63 67.8 58.6 98.6
95 32.0 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 33.274 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF104941.D
Acq: 30 Apr 2018 19:01

Tgt Ion: 146 Resp: 302627
Ion Ratio Lower Upper
146 100
148 64.5 51.8 77.8
75 26.5 24.2 36.4

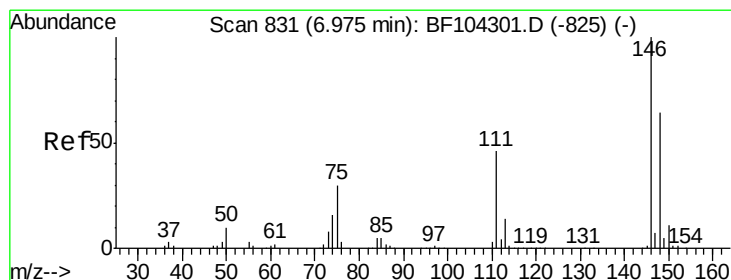
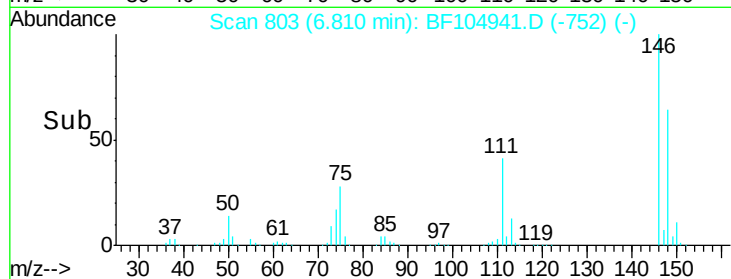
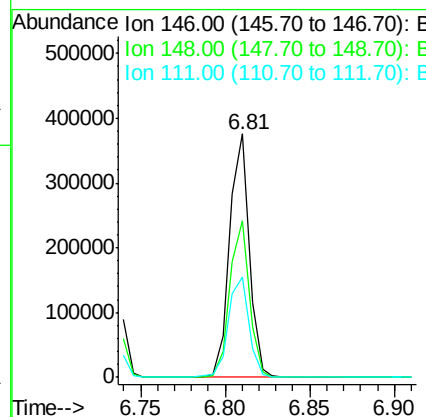
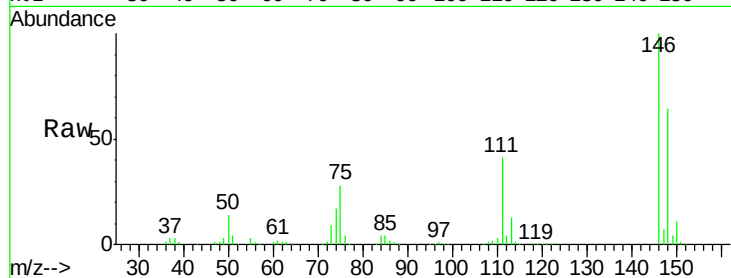




#13
 1,4-Dichlorobenzene
 Concen: 33.536 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF104941.D
 Acq: 30 Apr 2018 19:01

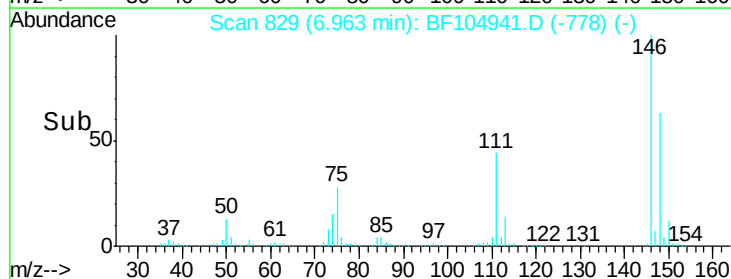
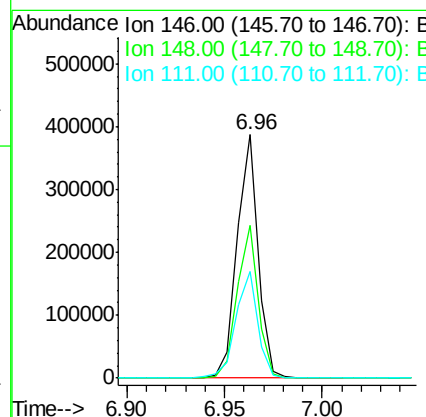
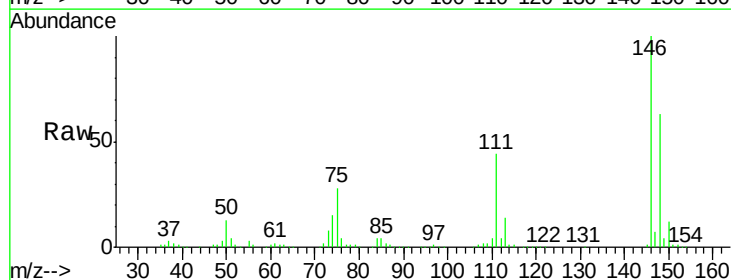
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-018-AMS

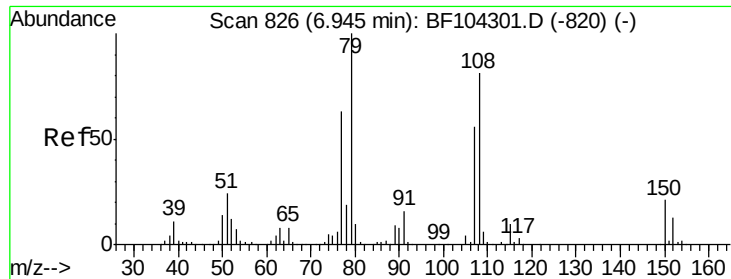
Tot Ion:146 Resp: 304043
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.8 76.2
 111 41.4 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 34.436 ng
 RT: 6.96 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF104941.D
 Acq: 30 Apr 2018 19:01

Tgt Ion:146 Resp: 289318
 Ion Ratio Lower Upper
 146 100
 148 62.7 50.6 75.8
 111 43.7 36.0 54.0

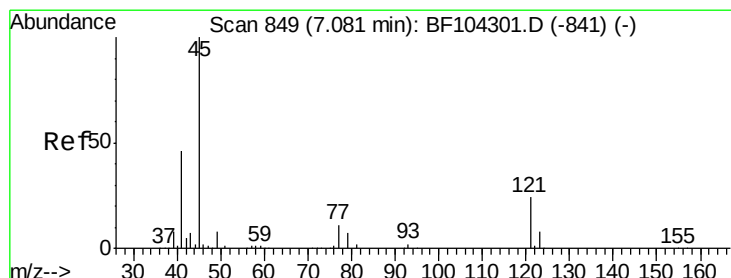
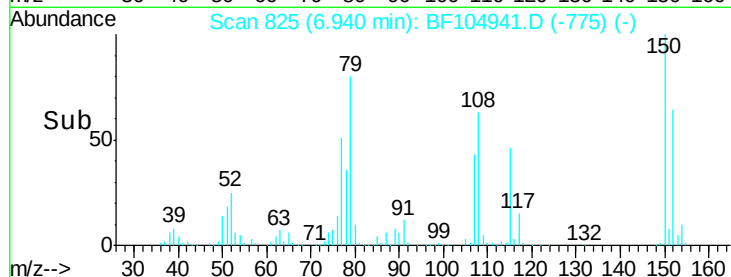
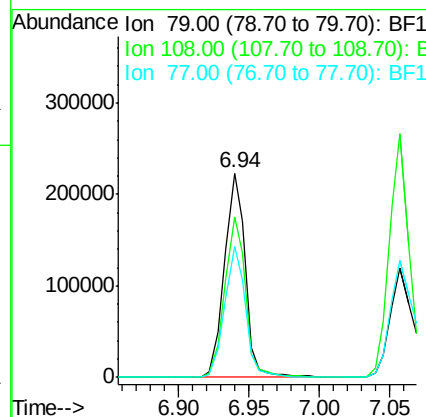
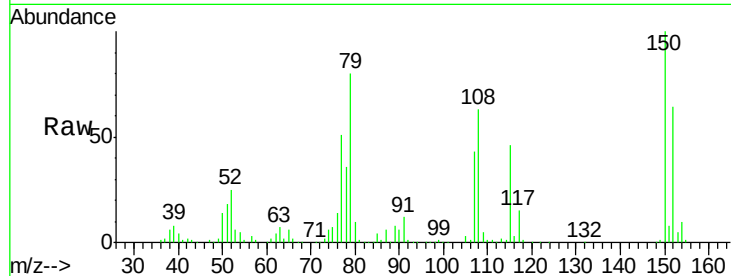




#15
Benzyl Alcohol
Concen: 32.349 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF104941.D
Acq: 30 Apr 2018 19:01

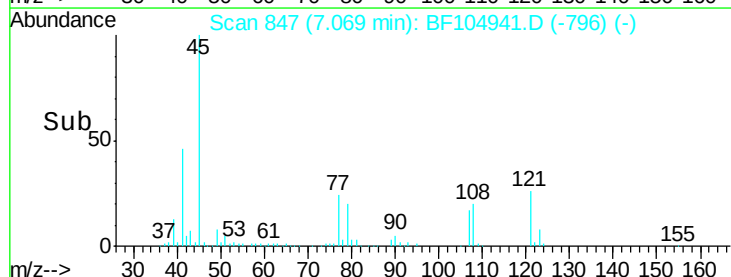
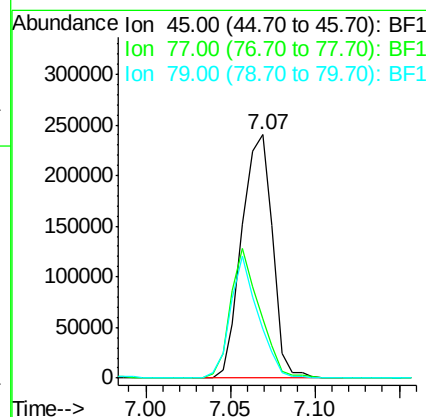
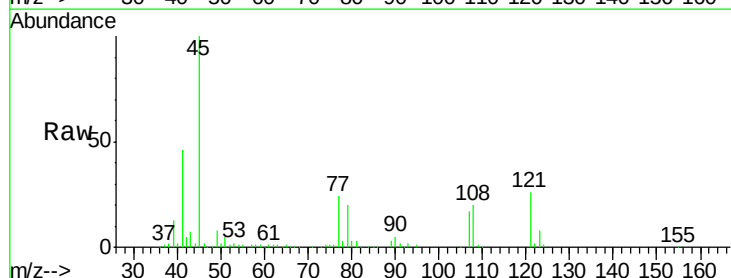
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-018-AMS

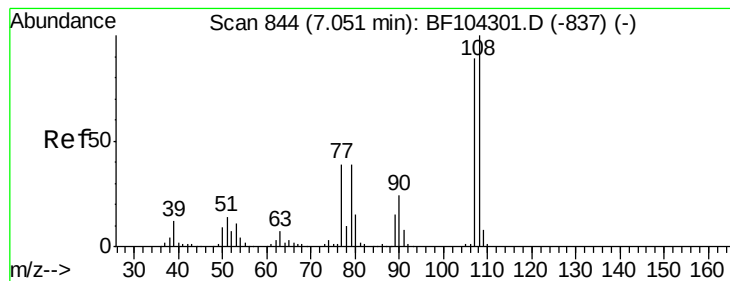
Tot Ion: 79 Resp: 229621
Ion Ratio Lower Upper
79 100
108 78.6 65.1 97.7
77 64.1 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 28.781 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF104941.D
Acq: 30 Apr 2018 19:01

Tgt Ion: 45 Resp: 305848
Ion Ratio Lower Upper
45 100
77 24.4 0.0 32.9
79 19.9 0.0 29.6

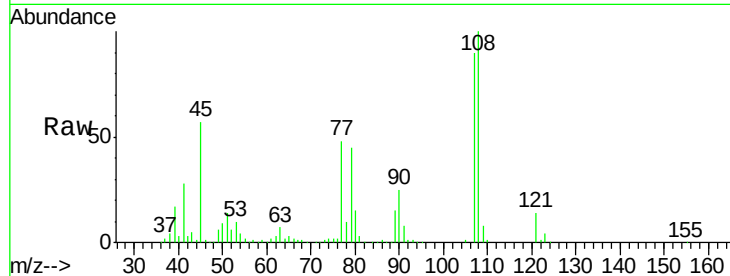




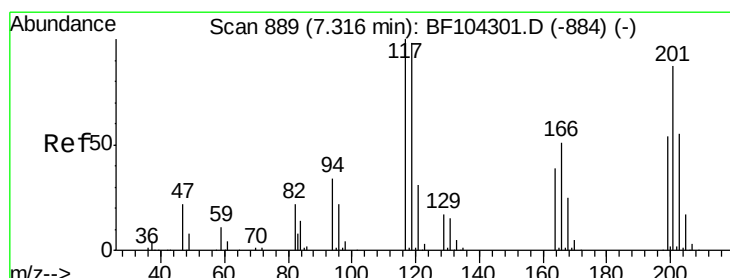
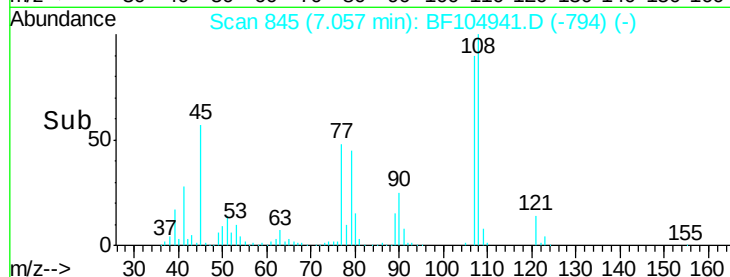
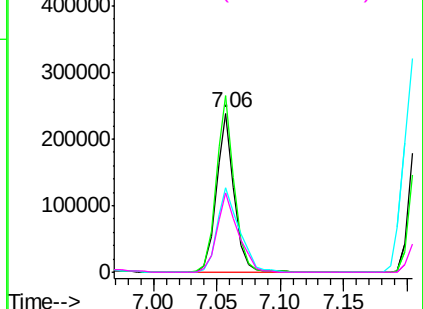
#17
2-Methylphenol
Concen: 33.727 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF104941.D
Acq: 30 Apr 2018 19:01

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

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.7	91.7	137.5
77	53.5	33.8	50.8
79	50.3	33.8	50.8

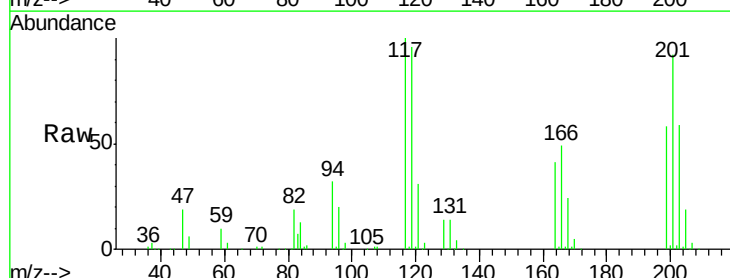


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

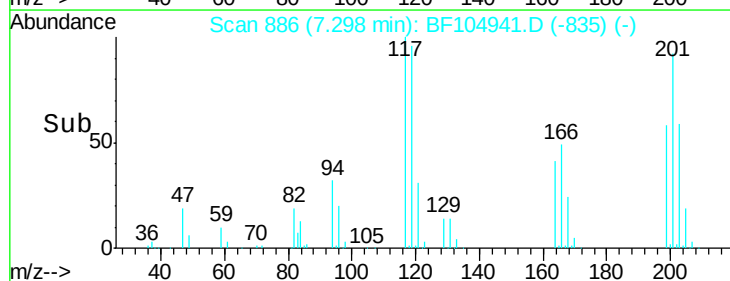
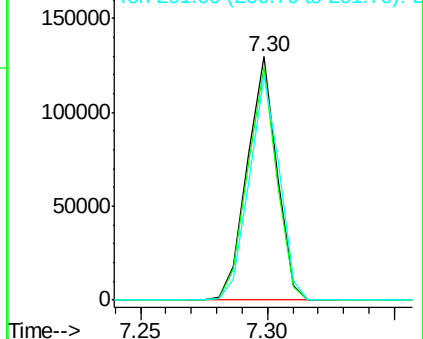


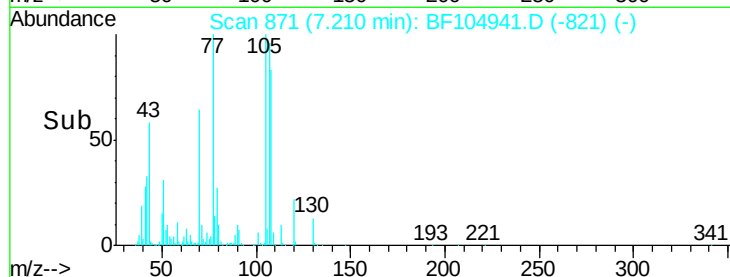
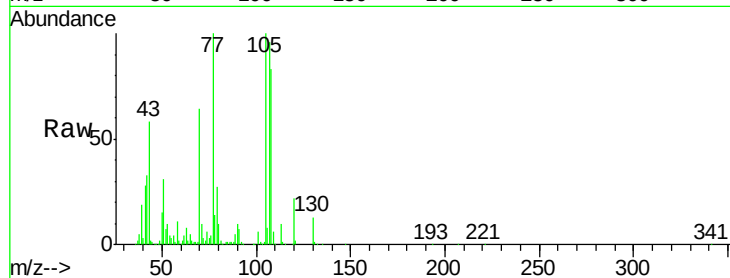
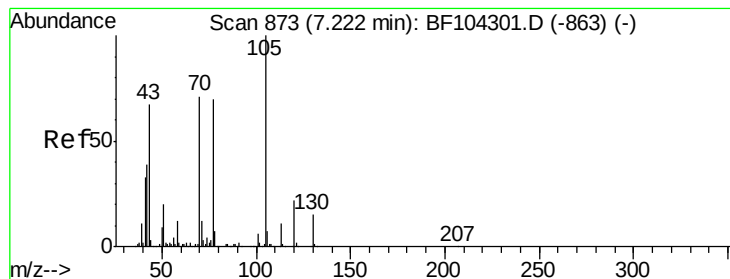
#18
Hexachloroethane
Concen: 32.629 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF104941.D
Acq: 30 Apr 2018 19:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	75.8	113.8
201	92.3	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: 30.322 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-018-AMS

Tot Ion: 70 Resp: 185177

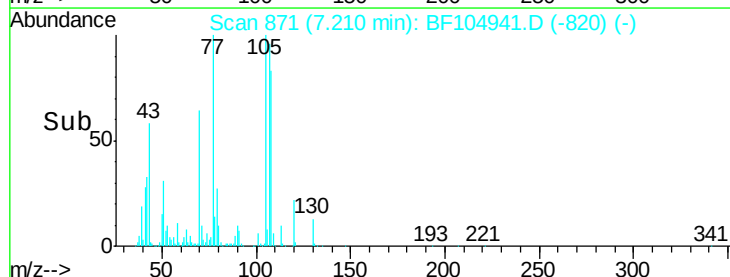
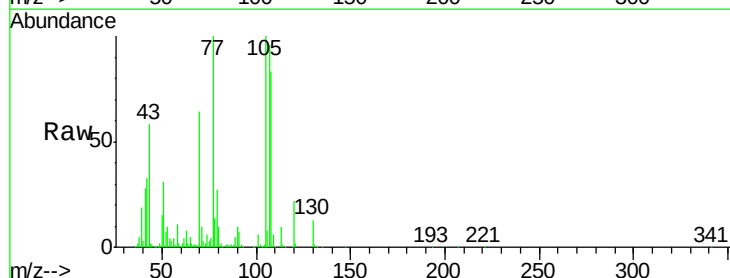
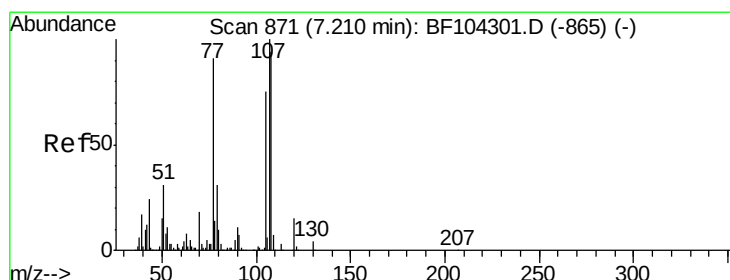
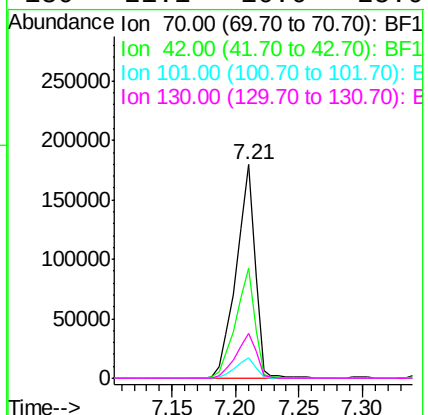
Ion Ratio Lower Upper

70 100

42 51.6 47.5 71.3

101 9.9 7.4 11.2

130 21.1 16.6 25.0



#20

3+4-Methylphenols

Concen: 33.570 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

Tgt Ion:107 Resp: 290546

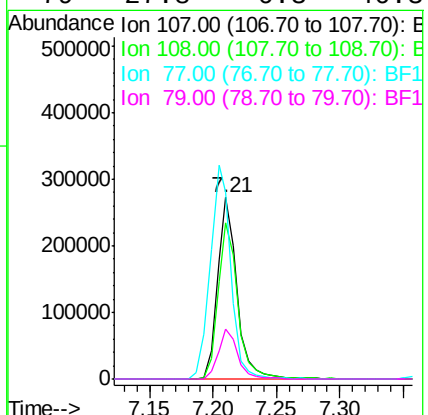
Ion Ratio Lower Upper

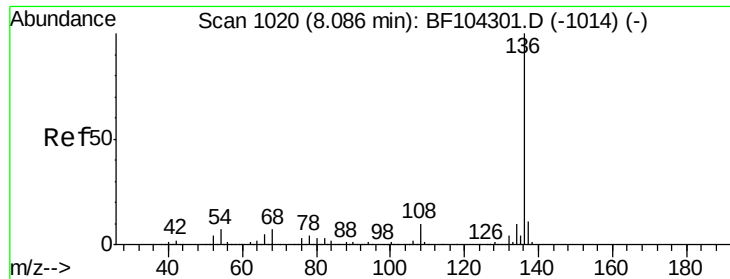
107 100

108 86.5 68.2 108.2

77 103.4 26.7 66.7#

79 27.8 6.3 46.3

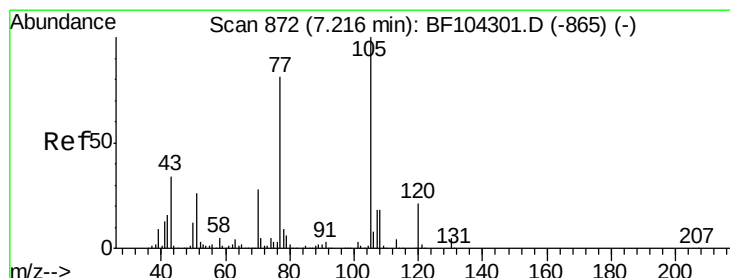
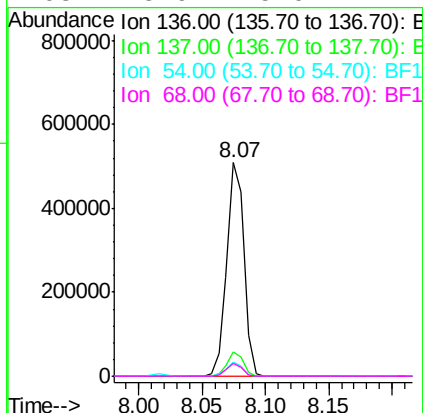
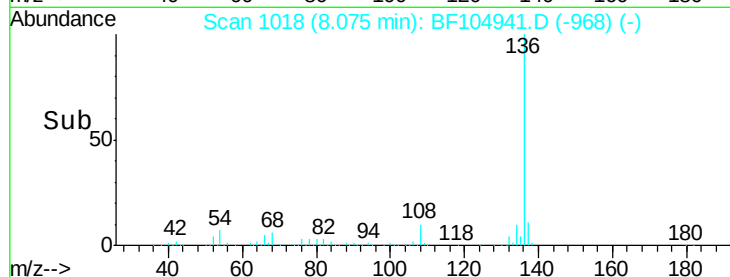
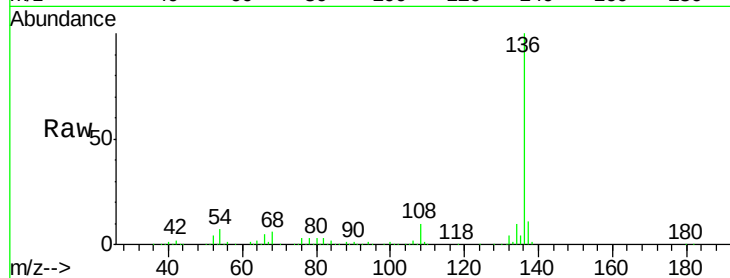




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF104941.D
Acq: 30 Apr 2018 19:01

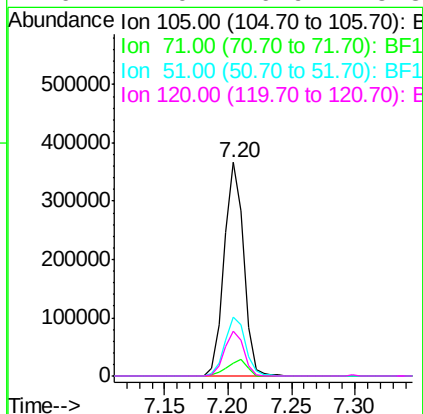
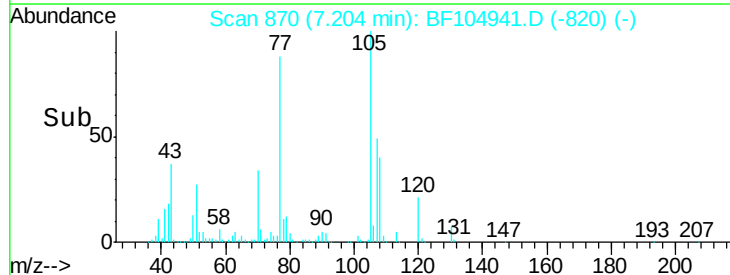
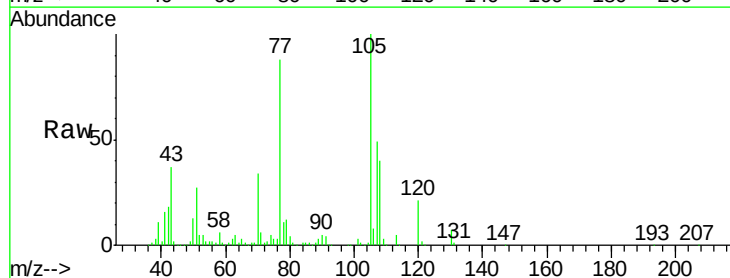
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-018-AMS

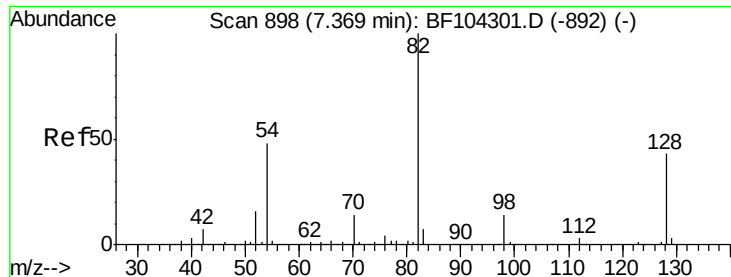
Tot Ion:136	Resp:	480318
Ion	Ratio	Lower Upper
136	100	
137	11.4	8.9 13.3
54	6.8	6.6 9.8
68	5.9	5.0 7.4



#22
Acetophenone
Concen: 32.873 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF104941.D
Acq: 30 Apr 2018 19:01

Tgt Ion:105	Resp:	388727
Ion	Ratio	Lower Upper
105	100	
71	5.9	4.4 6.6
51	27.4	22.3 33.5
120	21.0	16.9 25.3

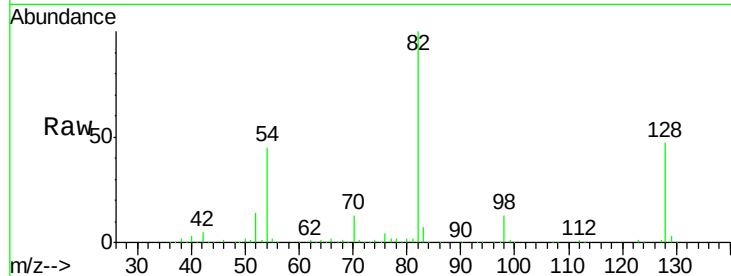




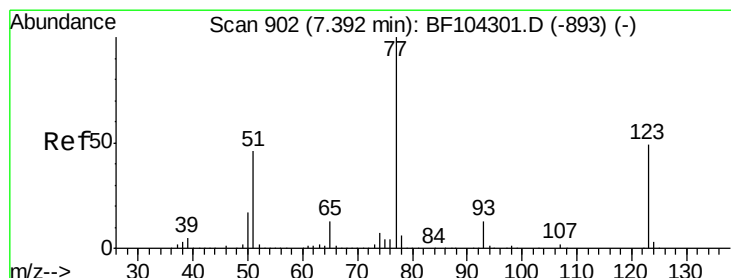
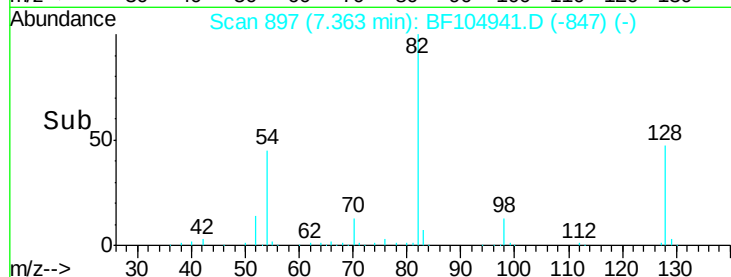
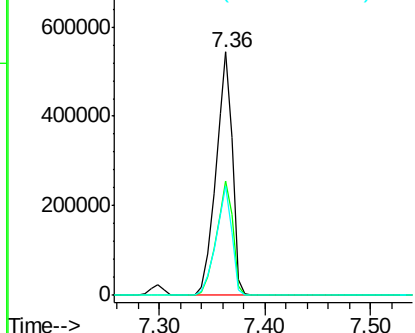
#23
 Nitrobenzene-d5
 Concen: 80.953 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF104941.D
 Acq: 30 Apr 2018 19:01

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

Tot Ion	82	Resp	595472
Ion Ratio	Lower	Upper	
82	100		
128	46.9	36.1	54.1
54	45.0	41.4	62.2

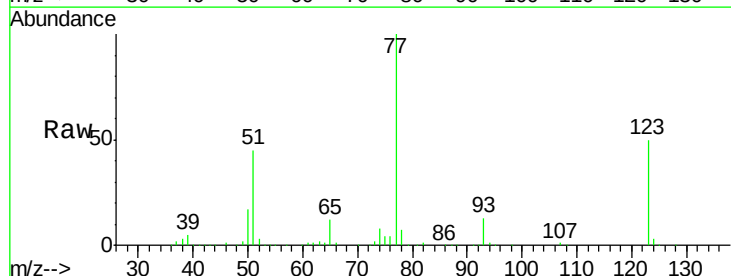


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

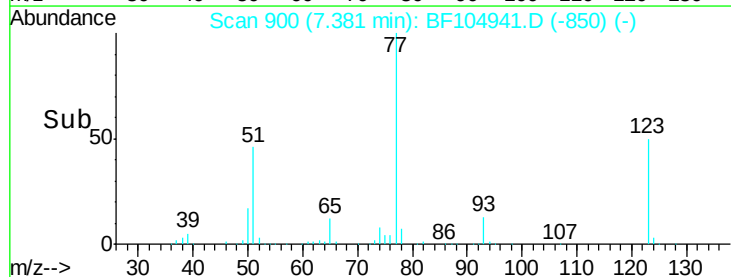
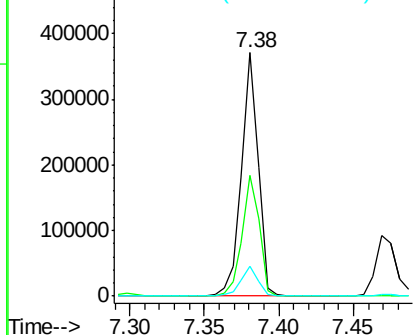


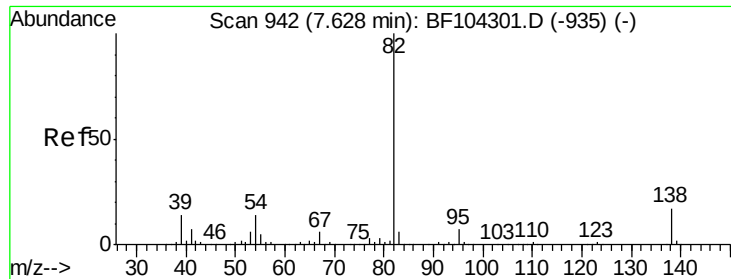
#24
 Nitrobenzene
 Concen: 35.789 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF104941.D
 Acq: 30 Apr 2018 19:01

Tgt Ion	77	Resp	290648
Ion Ratio	Lower	Upper	
77	100		
123	49.5	37.9	56.9
65	12.3	11.0	16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 34.185 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-018-AMS

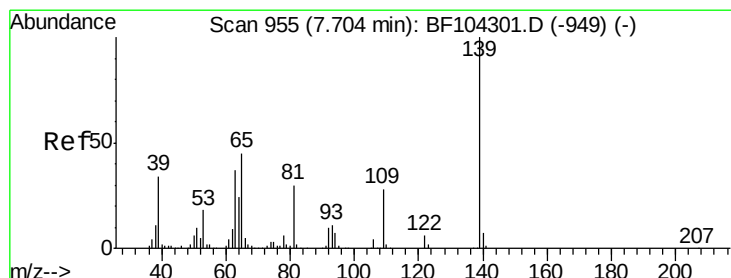
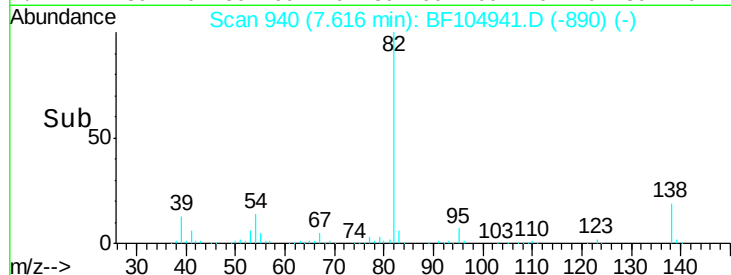
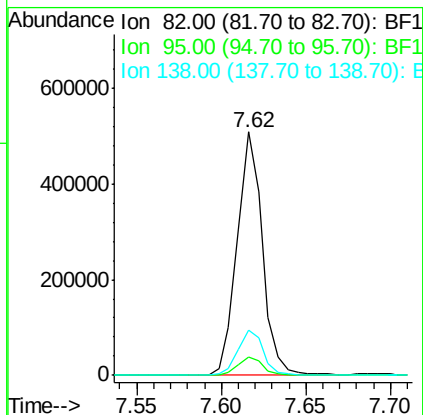
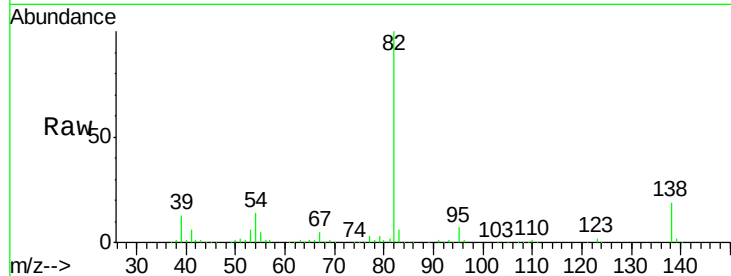
Tot Ion: 82 Resp: 531735

Ion Ratio Lower Upper

82 100

95 7.4 5.2 7.8

138 18.6 14.9 22.3



#26

2-Nitrophenol

Concen: 45.838 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

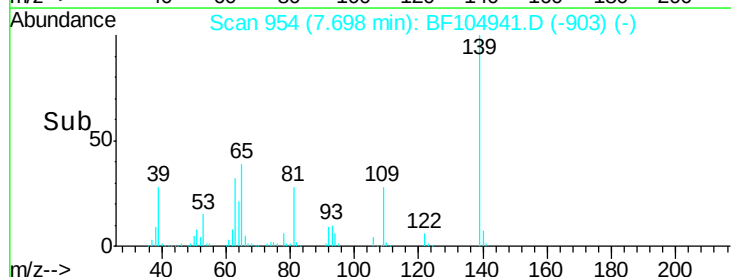
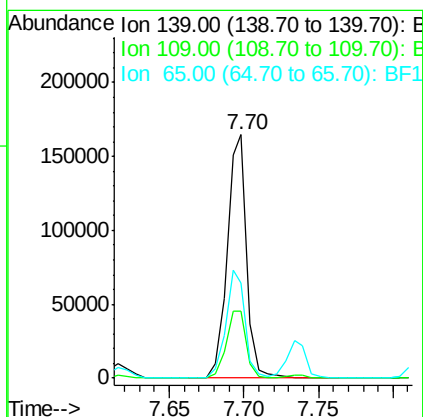
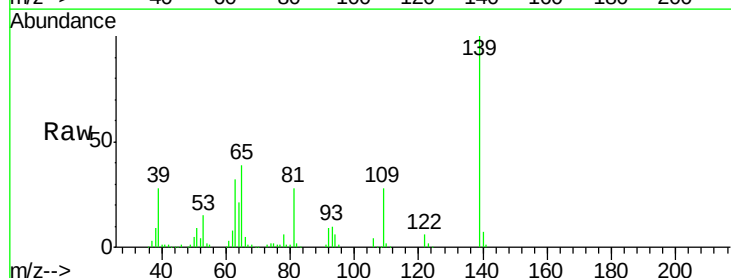
Tgt Ion: 139 Resp: 151550

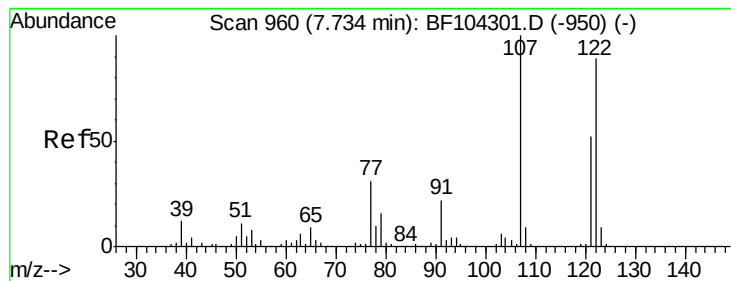
Ion Ratio Lower Upper

139 100

109 27.6 22.7 34.1

65 39.1 40.5 60.7#





#27

2,4-Dimethylphenol

Concen: 37.620 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-018-AMS

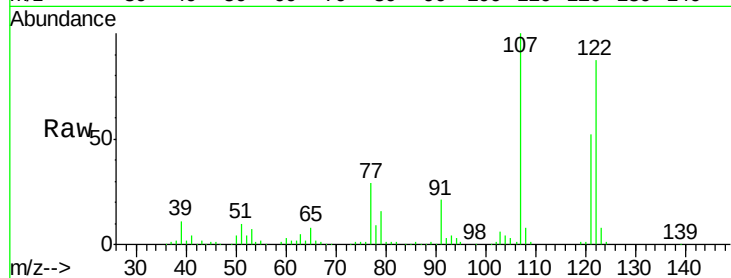
Tot Ion:122 Resp: 258257

Ion Ratio Lower Upper

122 100

107 114.5 91.2 136.8

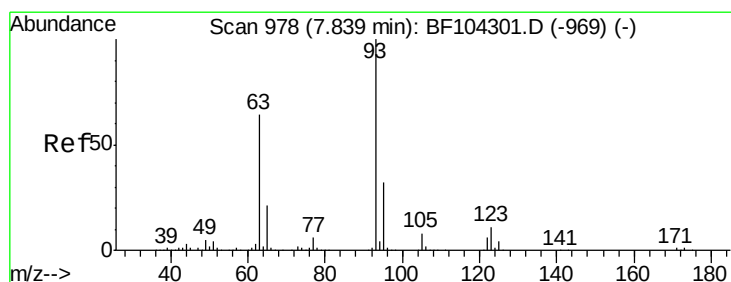
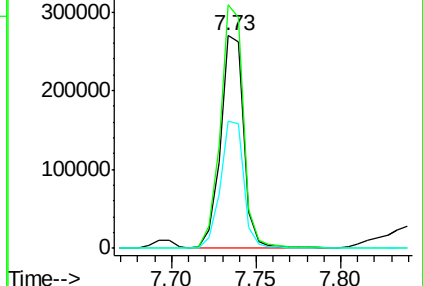
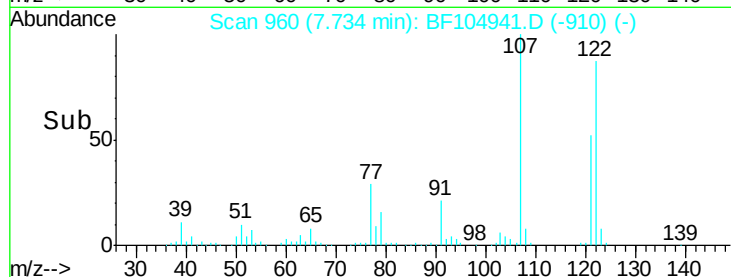
121 59.6 47.2 70.8



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: 35.856 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.00 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

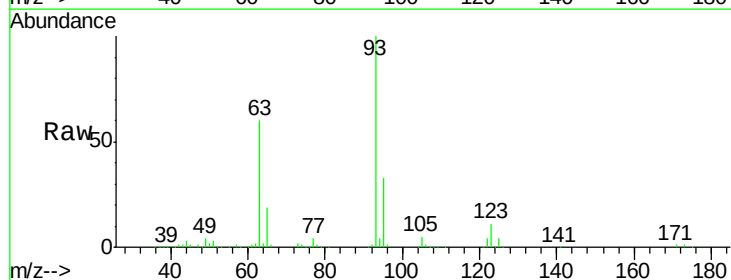
Tgt Ion: 93 Resp: 341003

Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

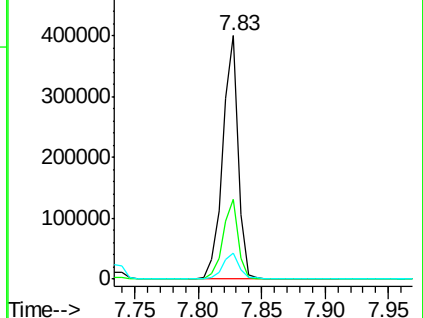
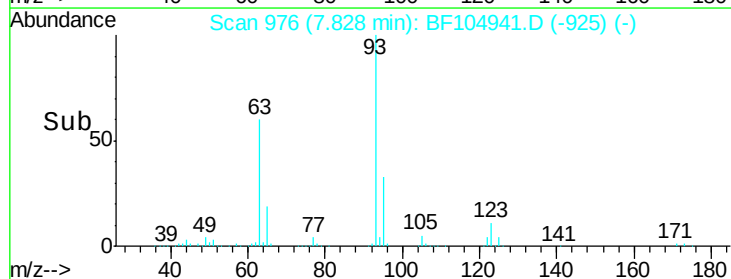
123 10.9 9.8 14.6

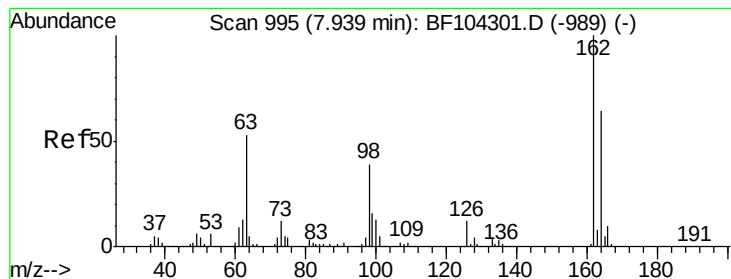


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 37.504 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-018-AMS

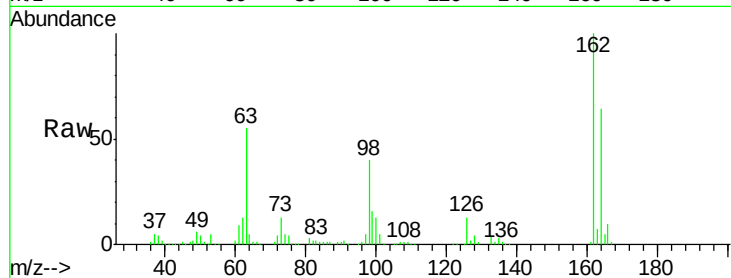
Tot Ion:162 Resp: 245657

Ion Ratio Lower Upper

162 100

164 64.4 42.7 82.7

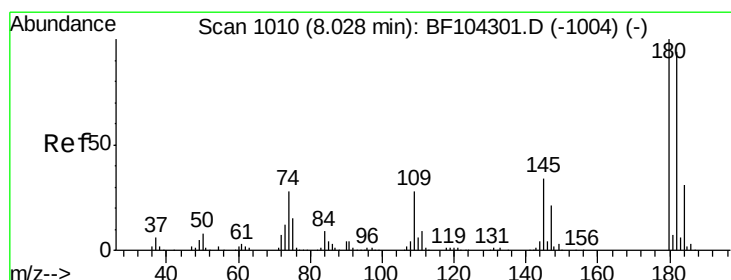
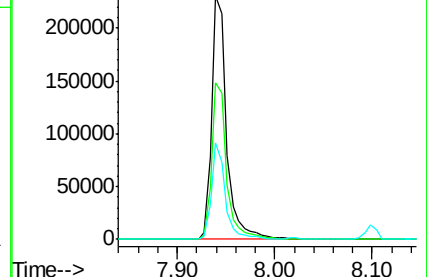
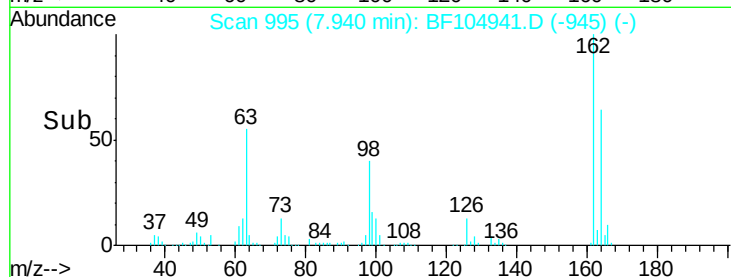
98 39.8 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 34.759 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

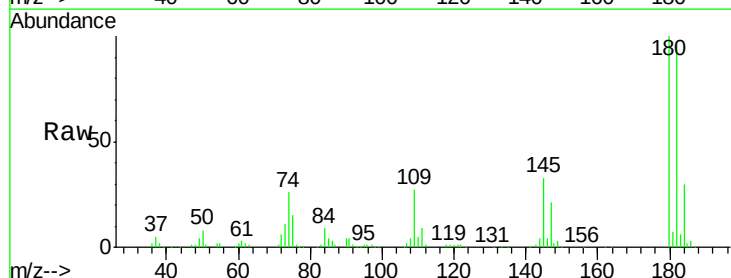
Tgt Ion:180 Resp: 249862

Ion Ratio Lower Upper

180 100

182 95.7 76.8 115.2

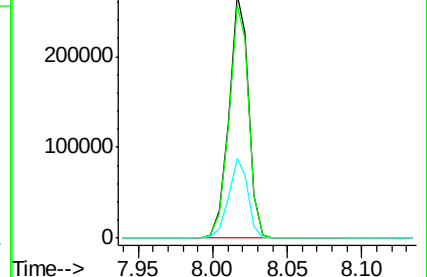
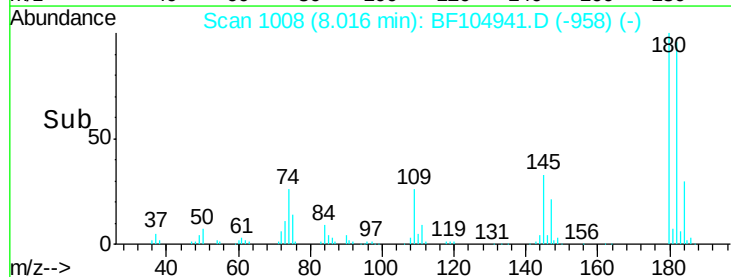
145 32.7 26.5 39.7

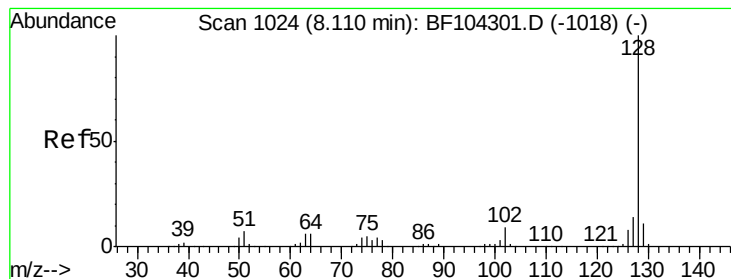


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 34.400 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-018-AMS

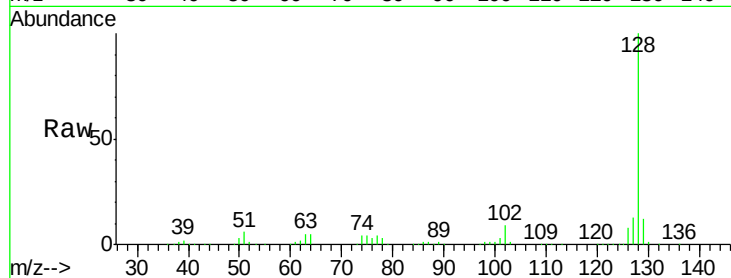
Tot Ion:128 Resp: 822763

Ion Ratio Lower Upper

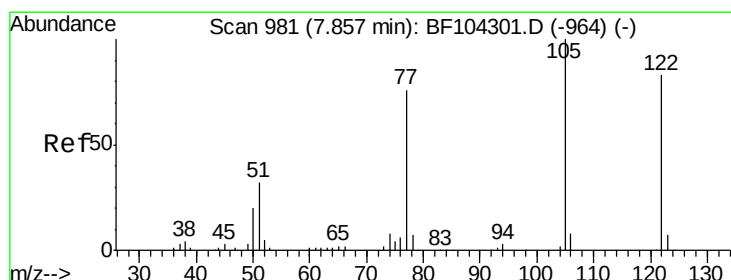
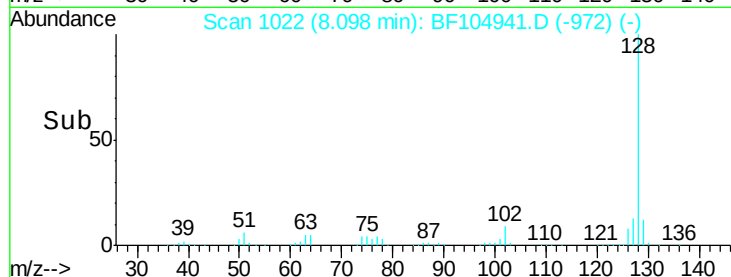
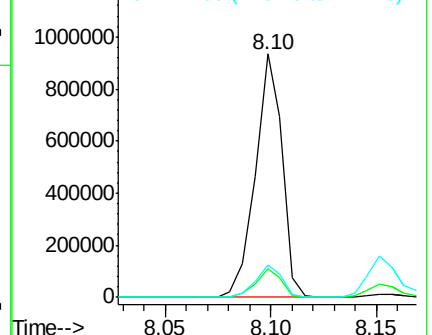
128 100

129 11.5 8.8 13.2

127 13.4 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: 7.859 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.06 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

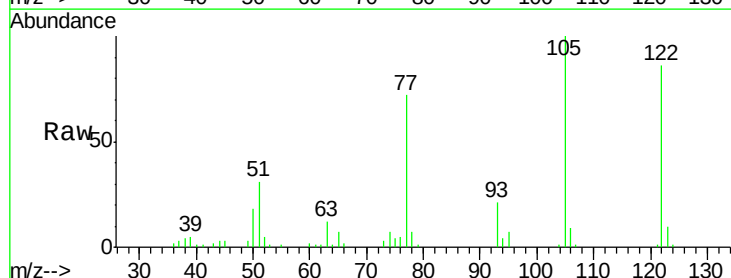
Tgt Ion:122 Resp: 43049

Ion Ratio Lower Upper

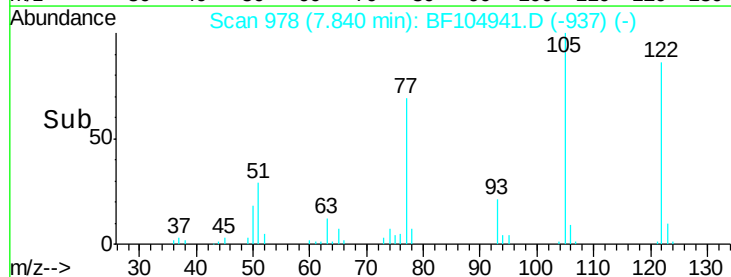
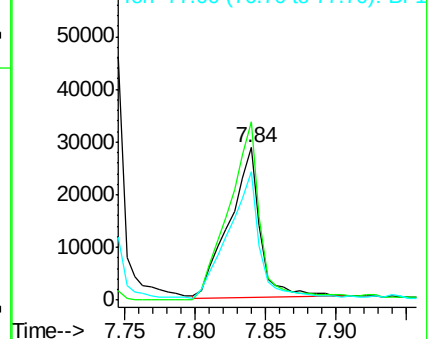
122 100

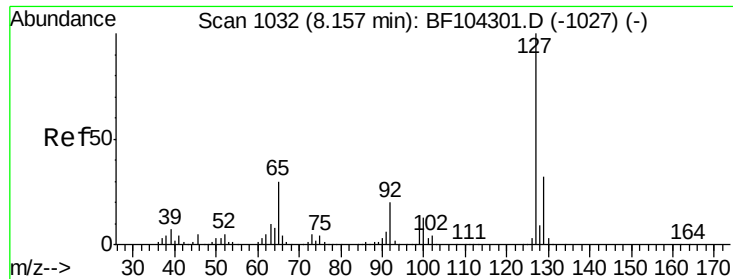
105 116.9 101.1 141.1

77 84.2 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

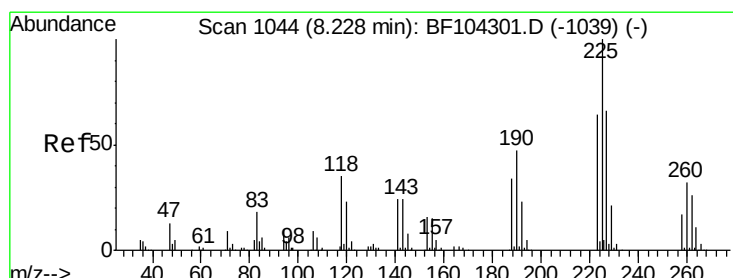
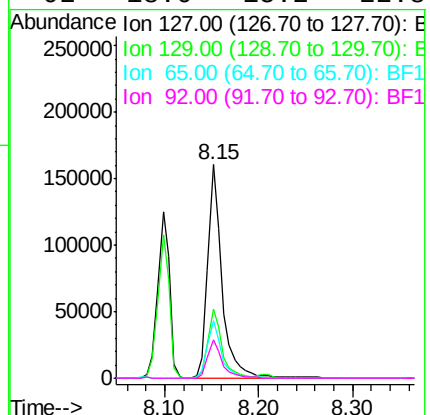
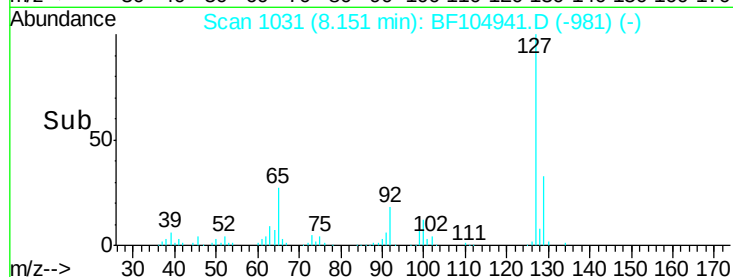
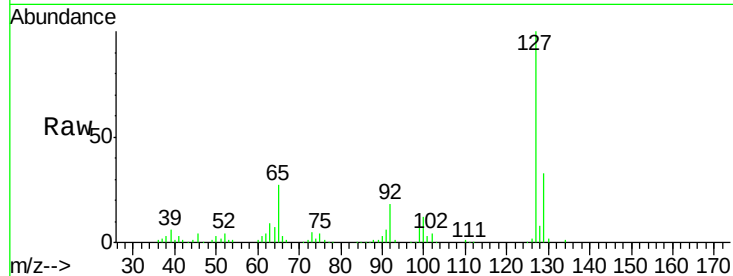




#33
4-Chloroaniline
Concen: 16.869 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF104941.D
Acq: 30 Apr 2018 19:01

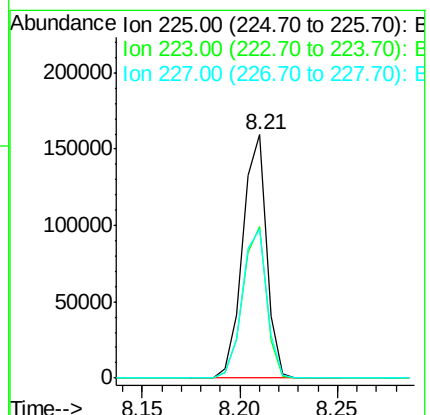
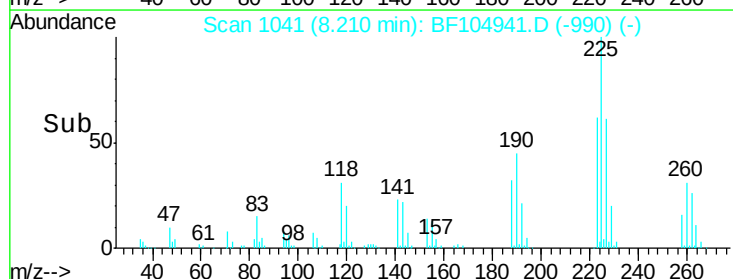
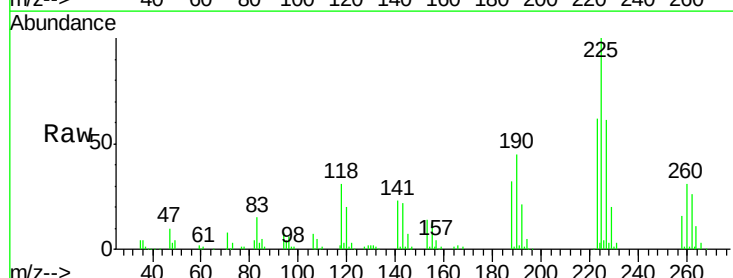
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-018-AMS

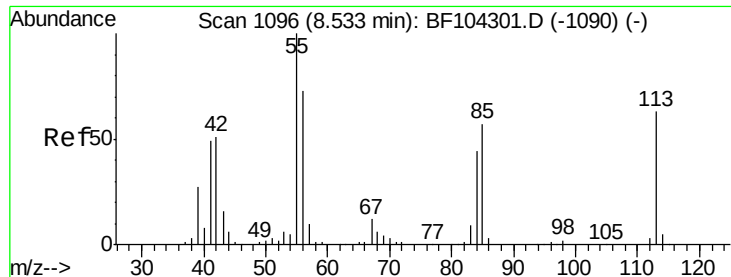
Tot Ion:	127	Resp:	172850
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	26.7	25.0	37.4
92	18.0	15.2	22.8



#34
Hexachlorobutadiene
Concen: 34.474 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF104941.D
Acq: 30 Apr 2018 19:01

Tgt Ion:	225	Resp:	135739
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.6	76.0
227	61.2	51.9	77.9





#35

Caprolactam

Concen: 32.762 ng

RT: 8.53 min Scan# 1095

Delta R.T. -0.02 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-018-AMS

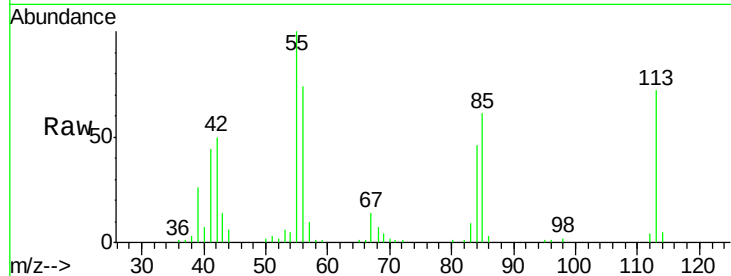
Tot Ion:113 Resp: 74861

Ion Ratio Lower Upper

113 100

55 139.1 163.3 203.3#

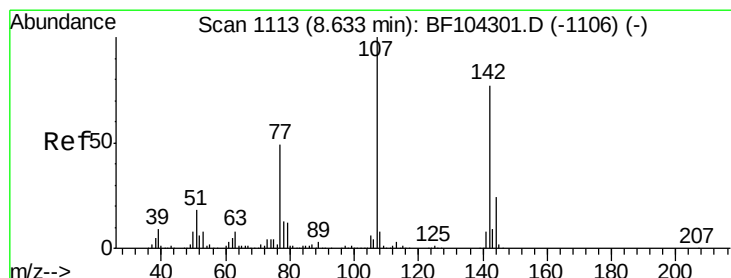
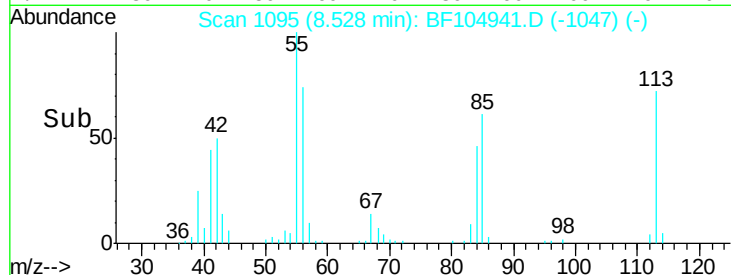
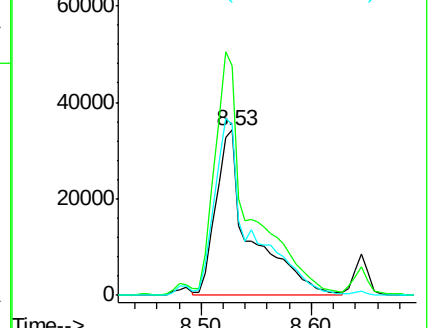
56 103.1 115.7 155.7#



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: 36.525 ng

RT: 8.65 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

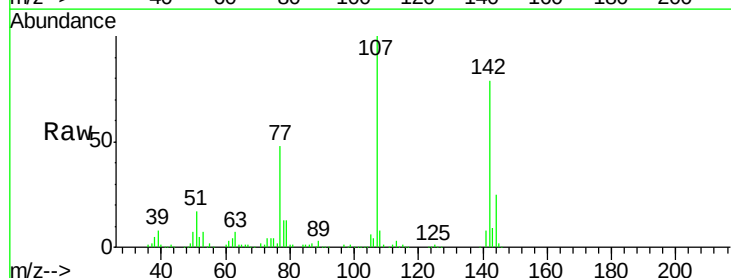
Tgt Ion:107 Resp: 256531

Ion Ratio Lower Upper

107 100

144 25.1 20.5 30.7

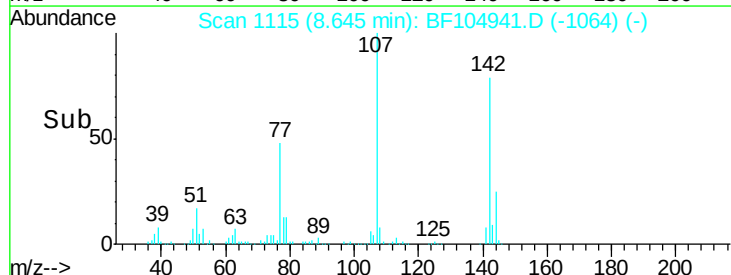
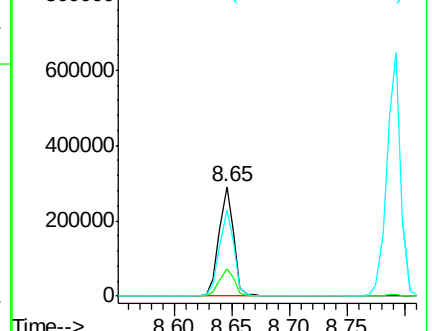
142 79.3 62.0 93.0

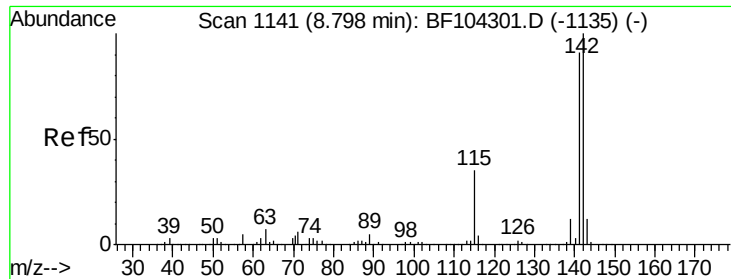


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

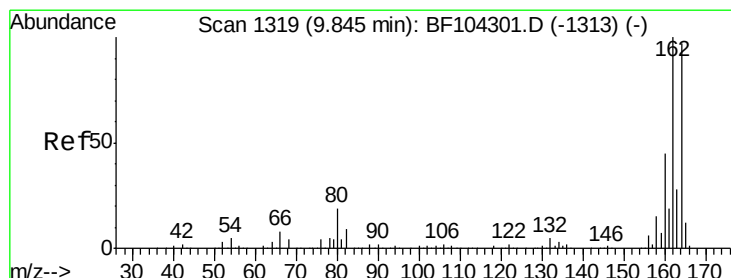
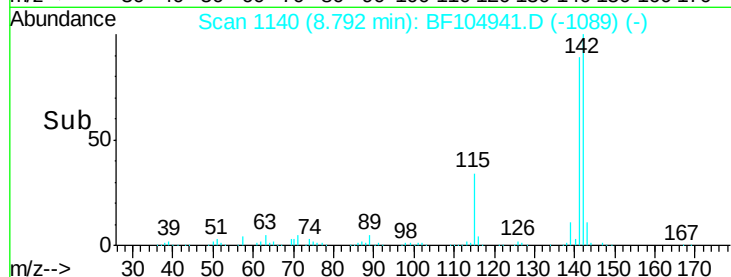
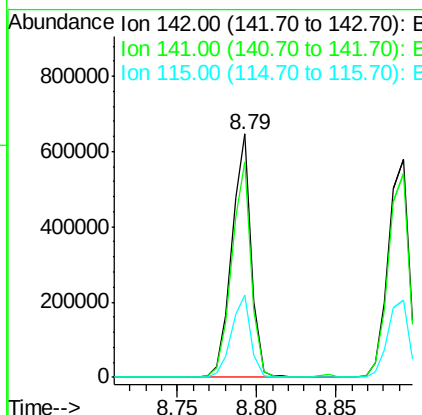
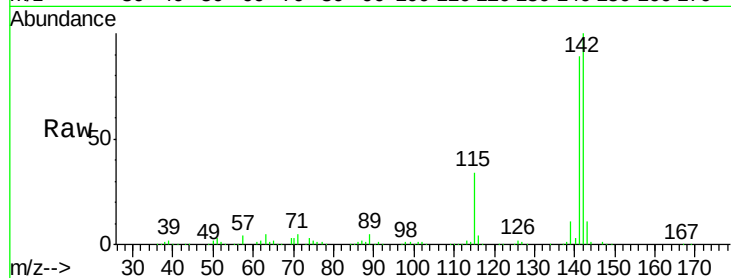




#37
 2-Methylnaphthalene
 Concen: 35.364 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. 0.00 min
 Lab File: BF104941.D
 Acq: 30 Apr 2018 19:01

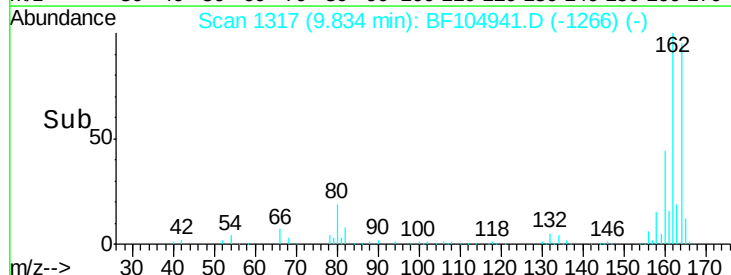
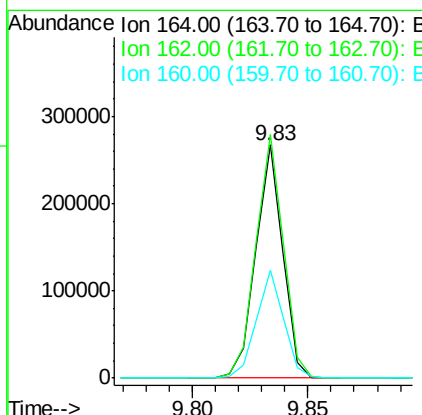
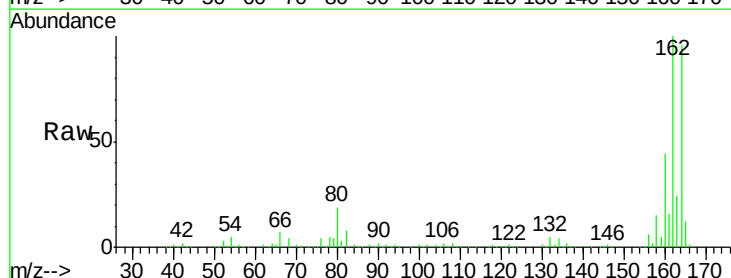
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-018-AMS

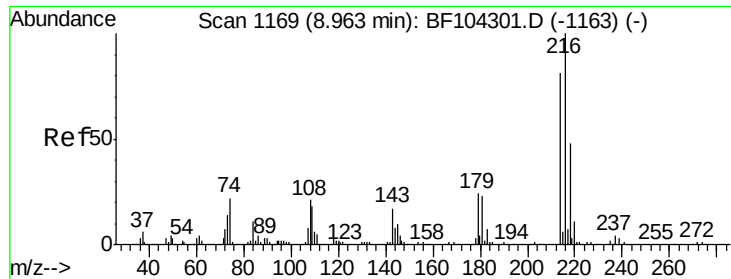
Tot Ion:142 Resp: 547115
 Ion Ratio Lower Upper
 142 100
 141 88.6 70.8 106.2
 115 33.9 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BF104941.D
 Acq: 30 Apr 2018 19:01

Tgt Ion:164 Resp: 218072
 Ion Ratio Lower Upper
 164 100
 162 104.5 86.1 129.1
 160 46.2 38.3 57.5

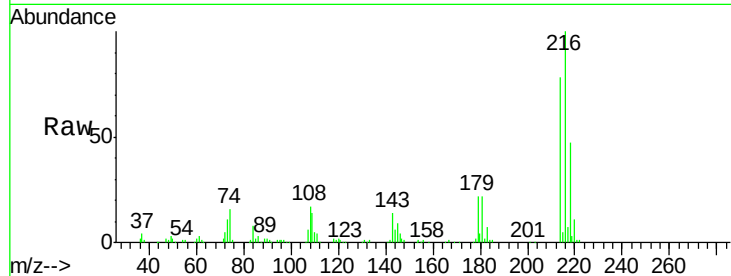




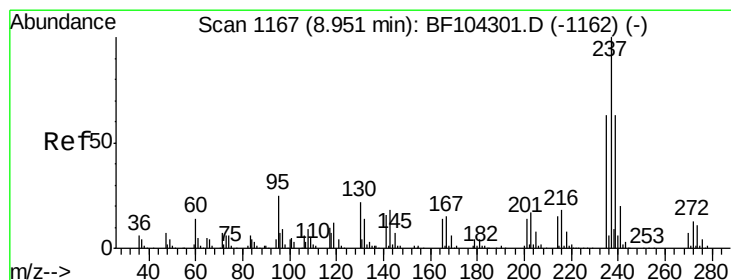
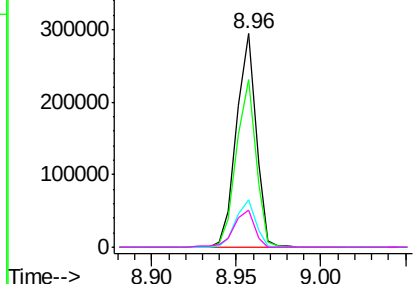
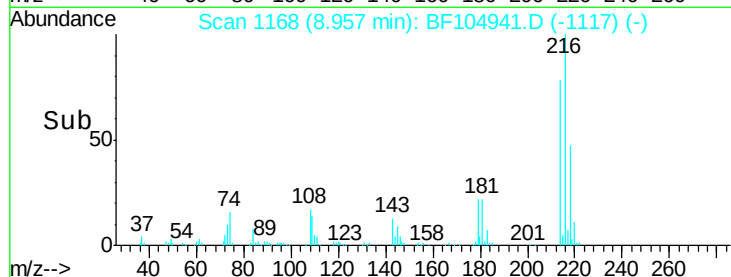
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.200 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. 0.00 min
 Lab File: BF104941.D
 Acq: 30 Apr 2018 19:01

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

Tot Ion:	216	Resp:	238460
Ion	Ratio	Lower	Upper
216	100		
214	78.1	63.0	94.4
179	22.4	18.1	27.1
108	18.8	17.2	25.8

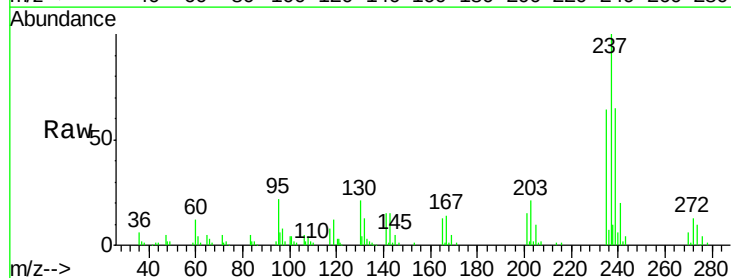


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

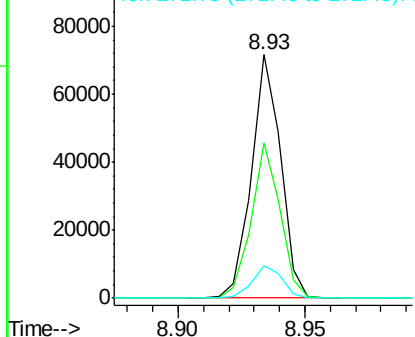
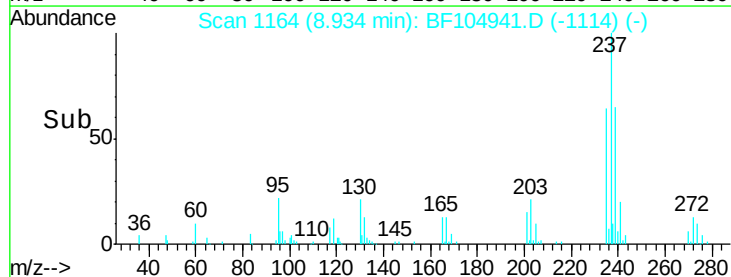


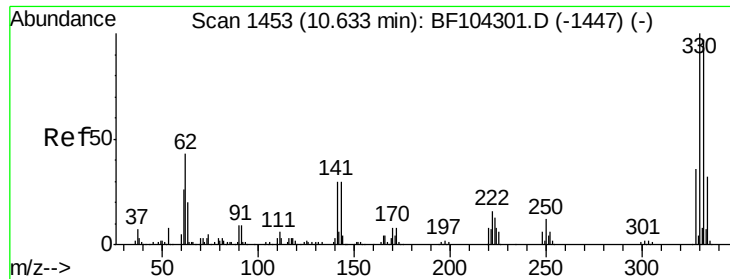
#40
 Hexachlorocyclopentadiene
 Concen: 16.405 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. -0.01 min
 Lab File: BF104941.D
 Acq: 30 Apr 2018 19:01

Tgt Ion:	237	Resp:	57332
Ion	Ratio	Lower	Upper
237	100		
235	63.7	44.8	84.8
272	13.1	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

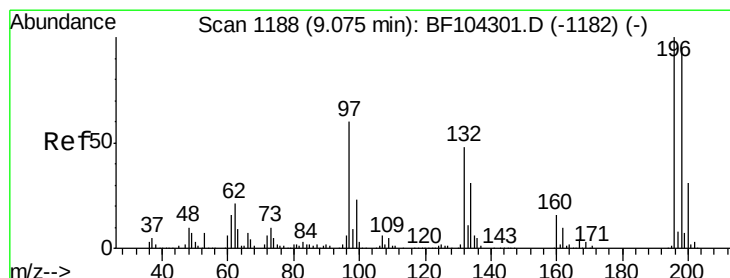
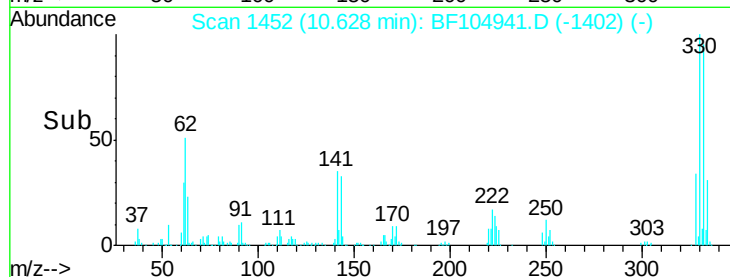
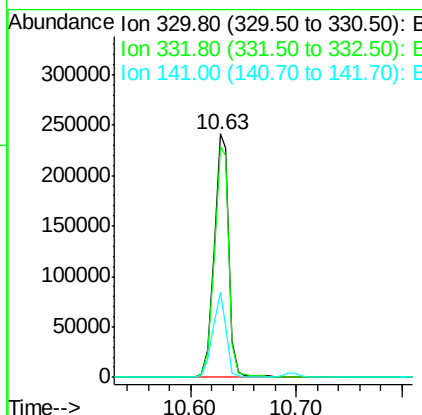
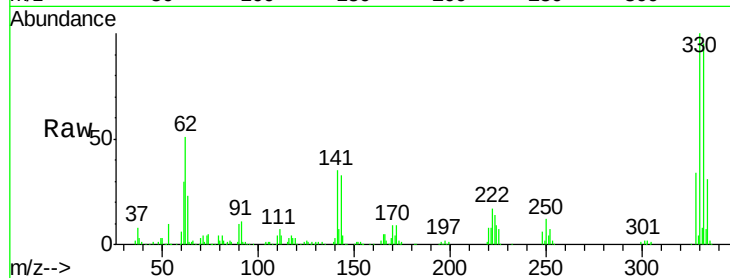




#41
 2,4,6-Tribromophenol
 Concen: 105.745 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF104941.D
 Acq: 30 Apr 2018 19:01

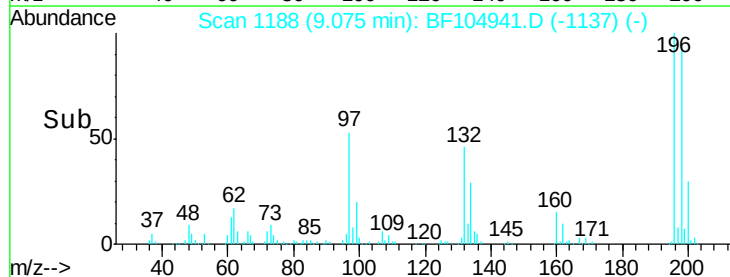
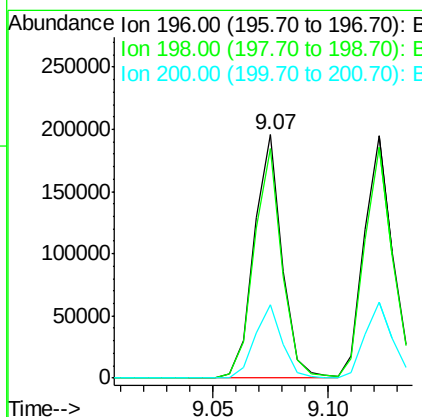
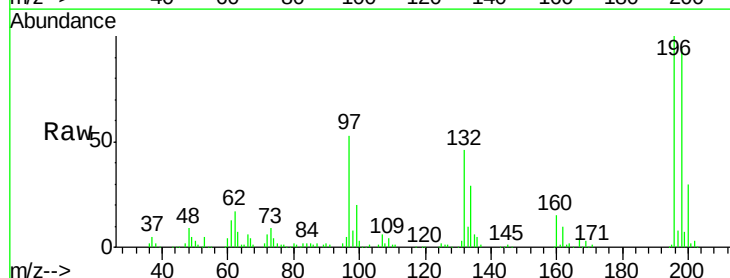
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-018-AMS

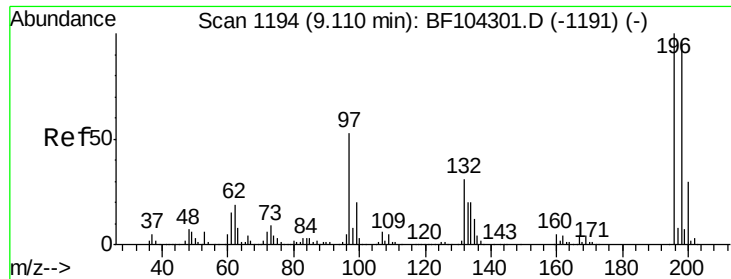
Tot Ion:330 Resp: 239208
 Ion Ratio Lower Upper
 330 100
 332 94.6 77.0 115.6
 141 32.1 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 37.937 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF104941.D
 Acq: 30 Apr 2018 19:01

Tgt Ion:196 Resp: 164398
 Ion Ratio Lower Upper
 196 100
 198 94.2 75.7 113.5
 200 29.9 24.5 36.7

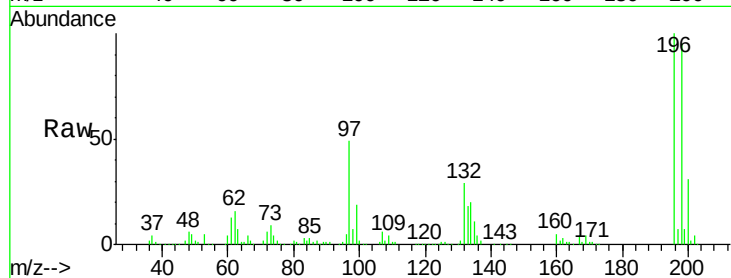




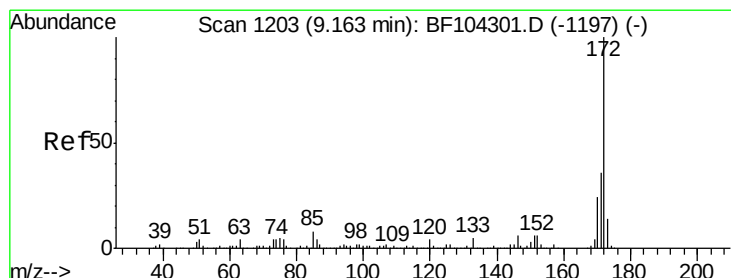
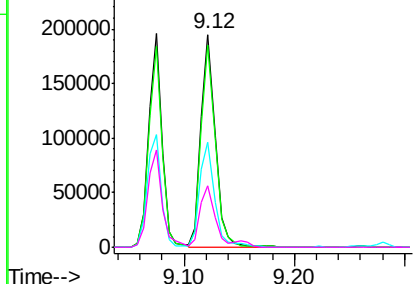
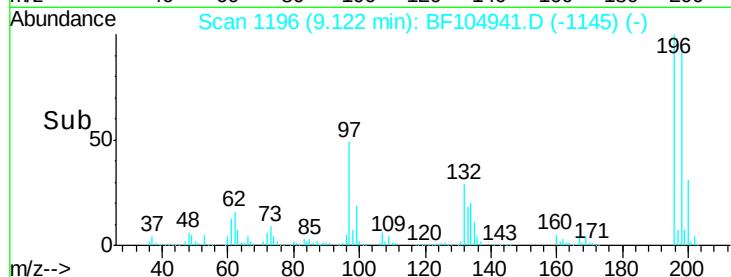
#43
 2,4,5-Trichlorophenol
 Concen: 35.436 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF104941.D
 Acq: 30 Apr 2018 19:01

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

Tot Ion:196 Resp: 171840
 Ion Ratio Lower Upper
 196 100
 198 95.2 74.6 112.0
 97 49.2 42.9 64.3
 132 28.8 26.3 39.5

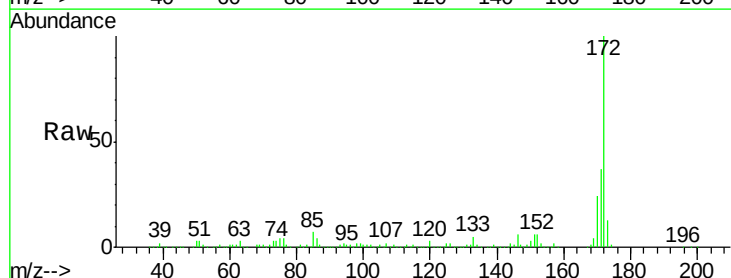


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

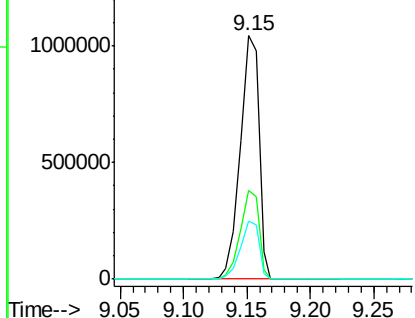
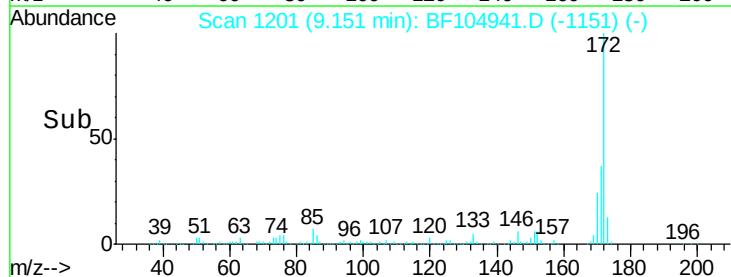


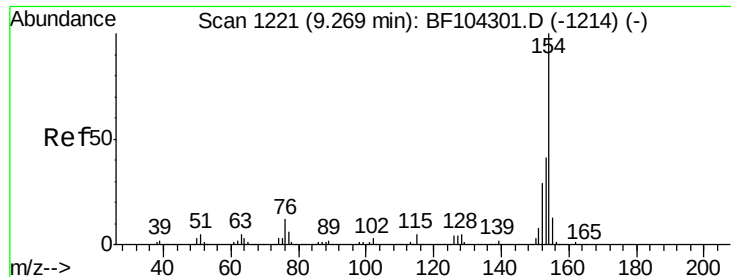
#44
 2-Fluorobiphenyl
 Concen: 76.877 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF104941.D
 Acq: 30 Apr 2018 19:01

Tgt Ion:172 Resp: 1061230
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 23.8 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: 35.283 ng

RT: 9.26 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-018-AMS

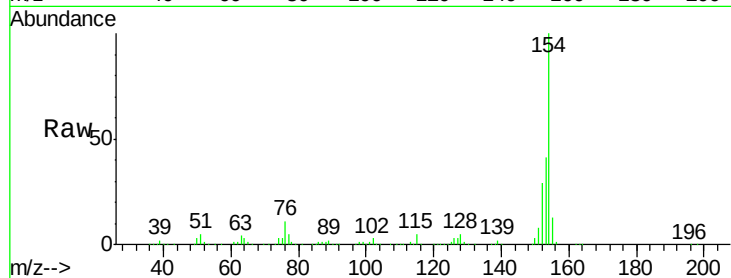
Tot Ion:154 Resp: 646367

Ion Ratio Lower Upper

154 100

153 41.3 21.3 61.3

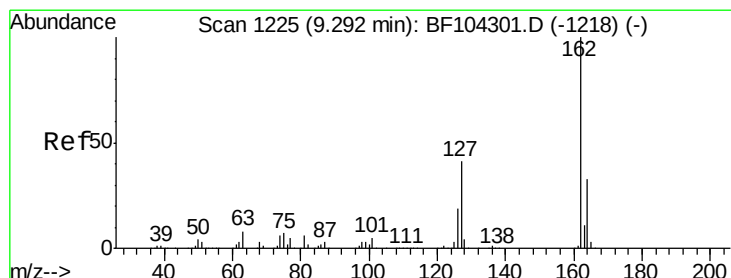
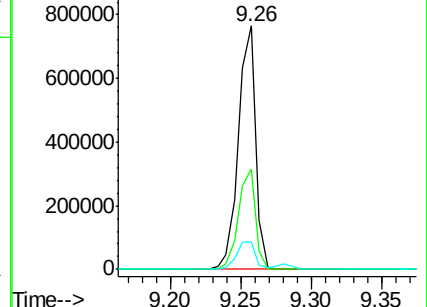
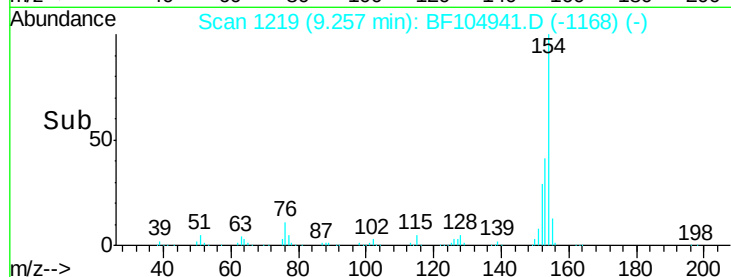
76 11.1 0.0 34.0



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: 35.328 ng

RT: 9.28 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

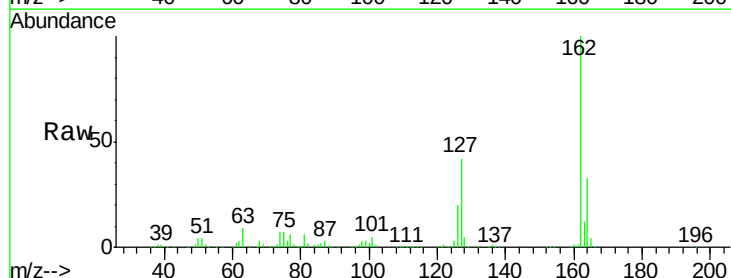
Tgt Ion:162 Resp: 511205

Ion Ratio Lower Upper

162 100

127 42.5 33.9 50.9

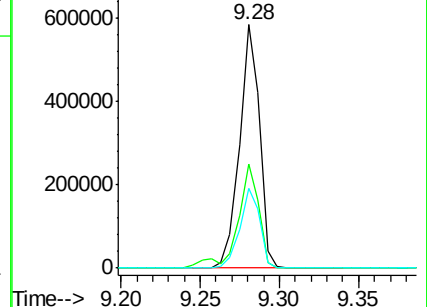
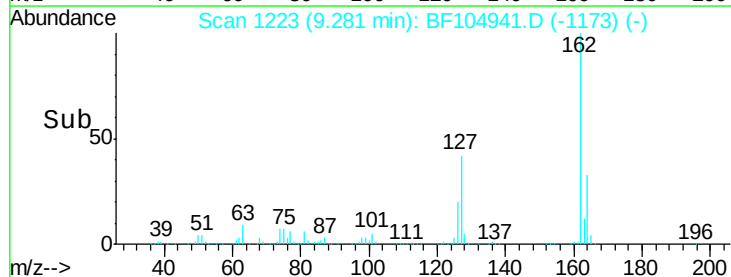
164 32.6 26.5 39.7

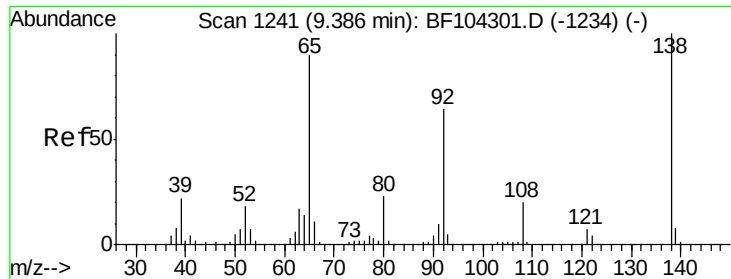


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

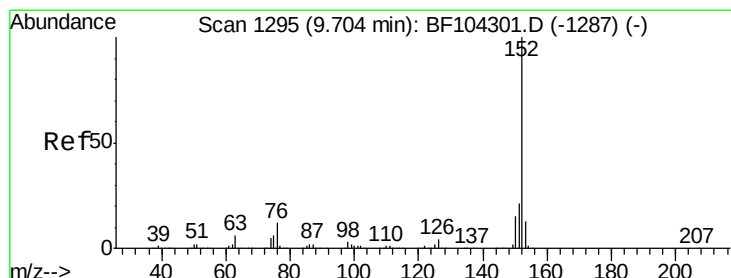
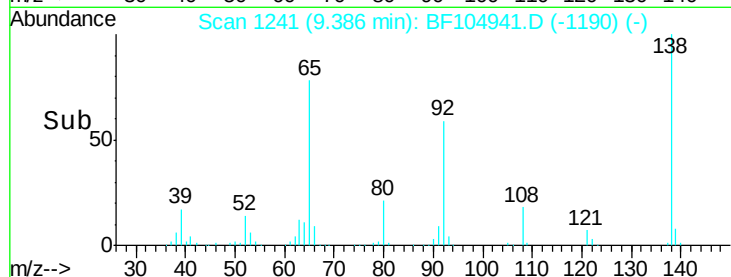
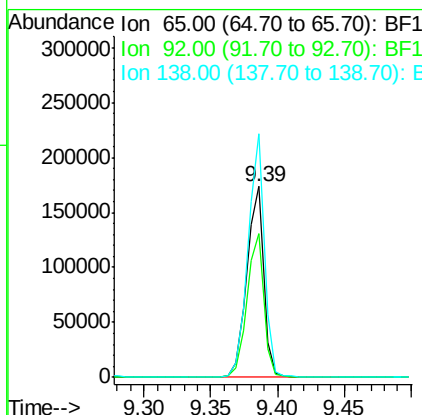
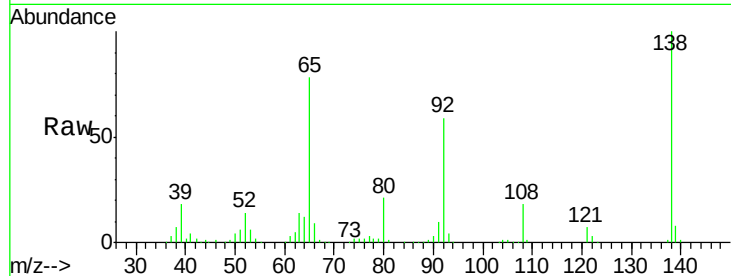




#47
 2-Nitroaniline
 Concen: 42.393 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: BF104941.D
 Acq: 30 Apr 2018 19:01

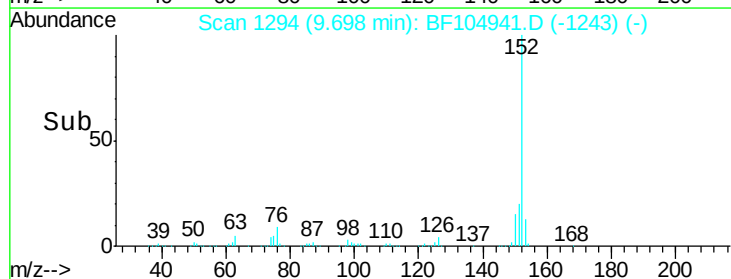
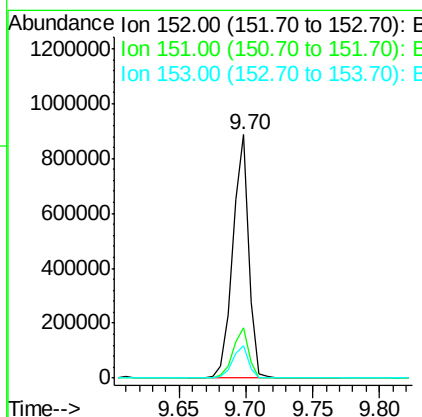
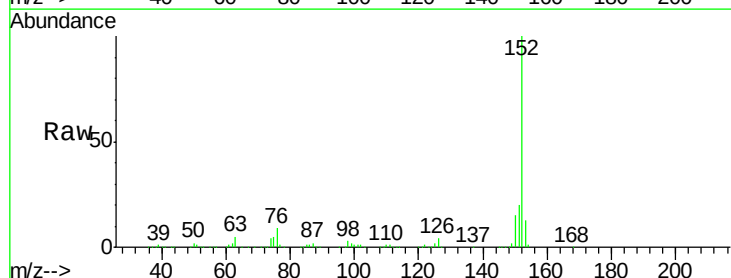
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-018-AMS

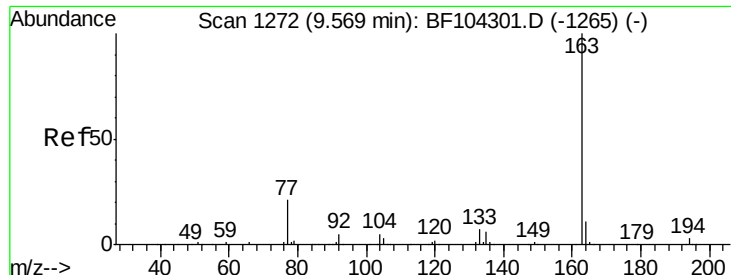
Tot Ion: 65 Resp: 151701
 Ion Ratio Lower Upper
 65 100
 92 75.4 55.8 83.6
 138 127.8 91.2 136.8



#48
 Acenaphthylene
 Concen: 32.927 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: BF104941.D
 Acq: 30 Apr 2018 19:01

Tgt Ion: 152 Resp: 747548
 Ion Ratio Lower Upper
 152 100
 151 20.4 16.3 24.5
 153 13.2 10.7 16.1

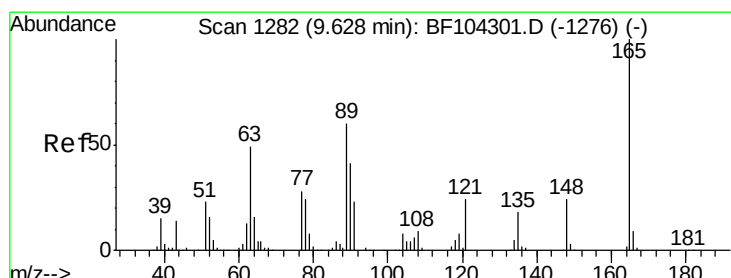
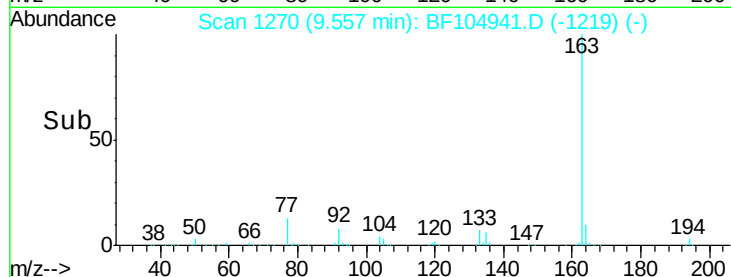
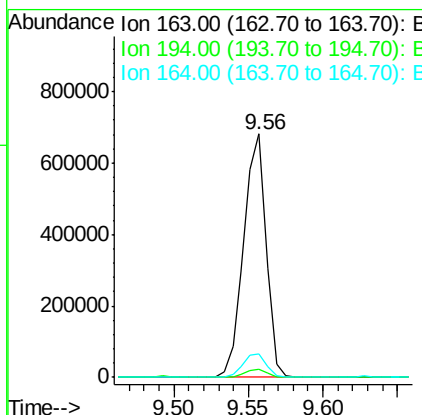
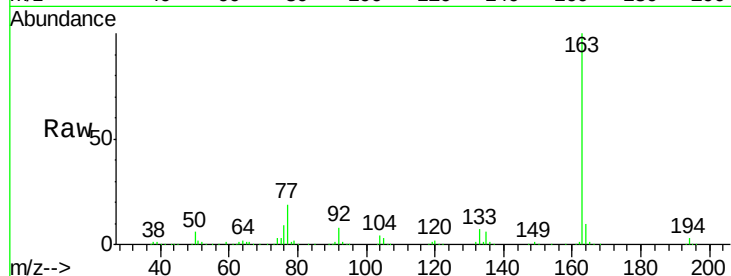




#49
Dimethylphthalate
Concen: 41.250 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BF104941.D
Acq: 30 Apr 2018 19:01

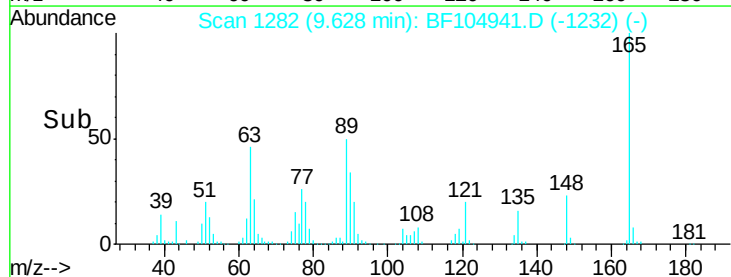
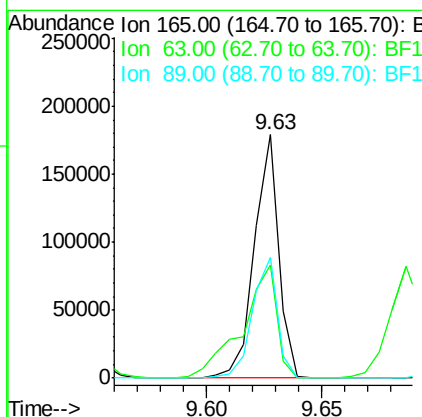
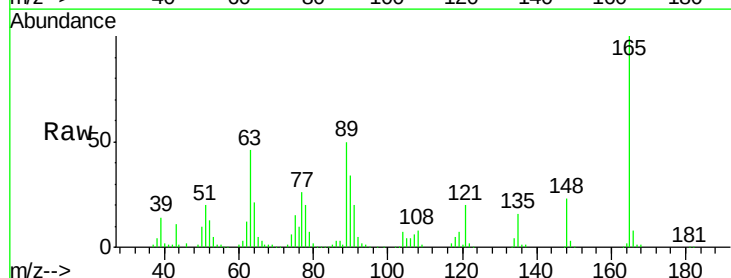
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-018-AMS

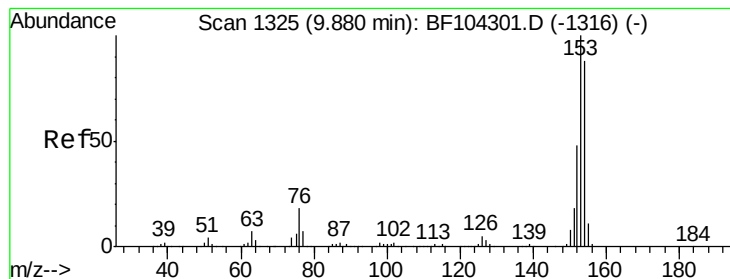
Tot Ion:163 Resp: 709370
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.7 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 41.650 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF104941.D
Acq: 30 Apr 2018 19:01

Tgt Ion:165 Resp: 132532
Ion Ratio Lower Upper
165 100
63 46.3 44.7 67.1
89 49.7 44.0 66.0





#51

Acenaphthene

Concen: 31.887 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-018-AMS

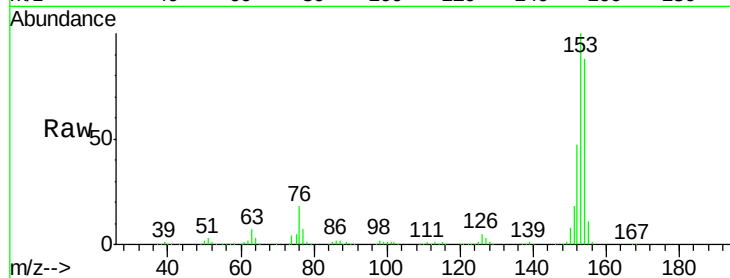
Tot Ion:154 Resp: 441702

Ion Ratio Lower Upper

154 100

153 113.2 91.2 136.8

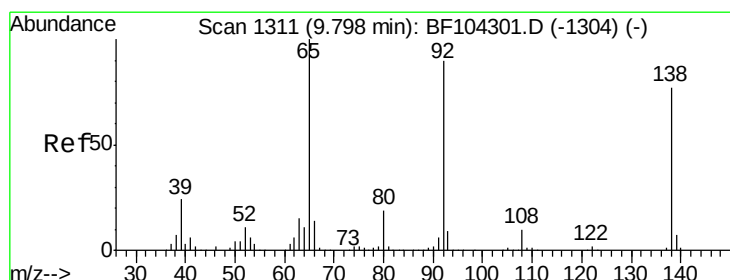
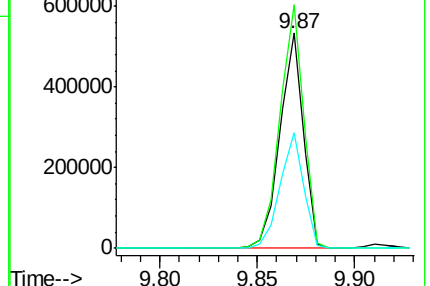
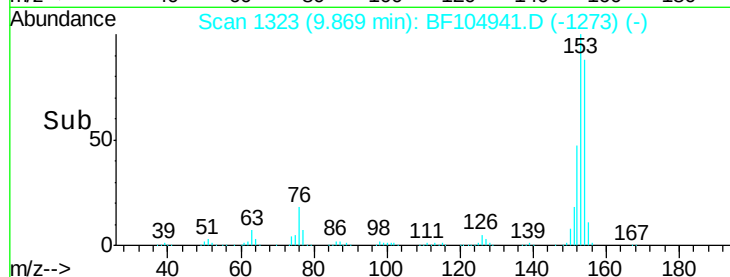
152 53.5 43.8 65.8



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: 30.555 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

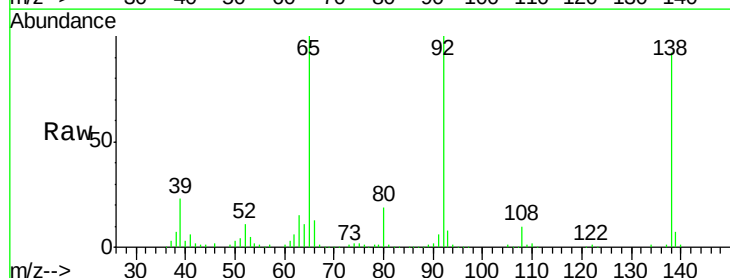
Tgt Ion:138 Resp: 113826

Ion Ratio Lower Upper

138 100

108 10.4 9.4 14.0

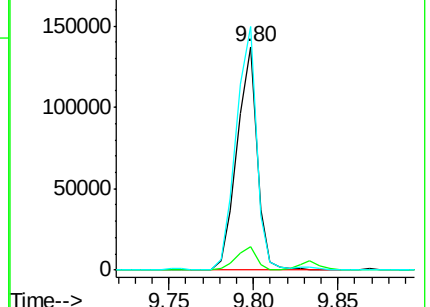
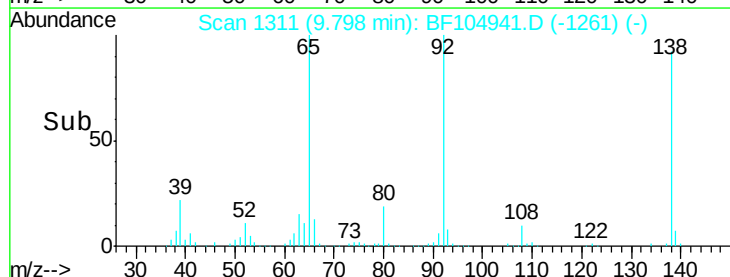
92 109.0 89.4 134.2

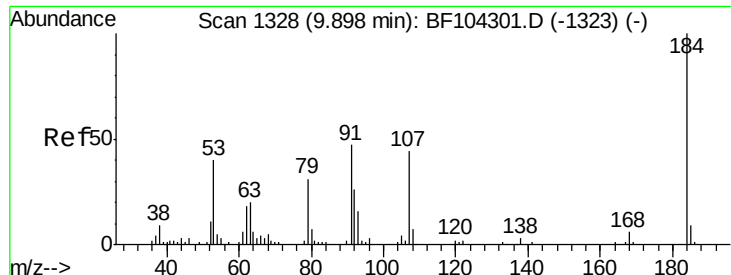


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

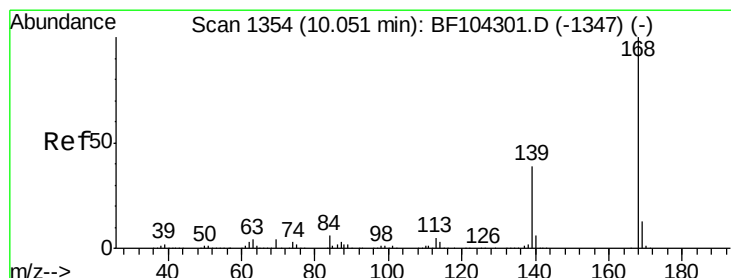
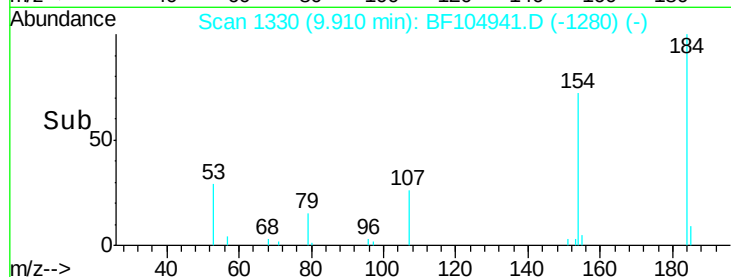
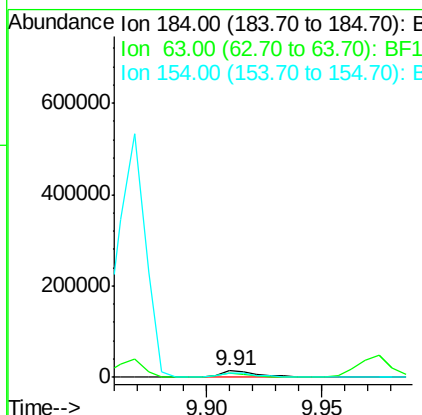
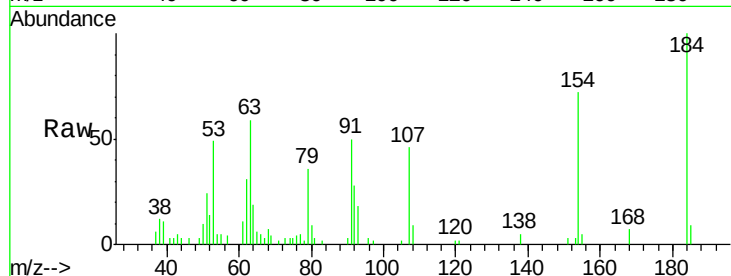




#53
 2,4-Dinitrophenol
 Concen: 22.588 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF104941.D
 Acq: 30 Apr 2018 19:01

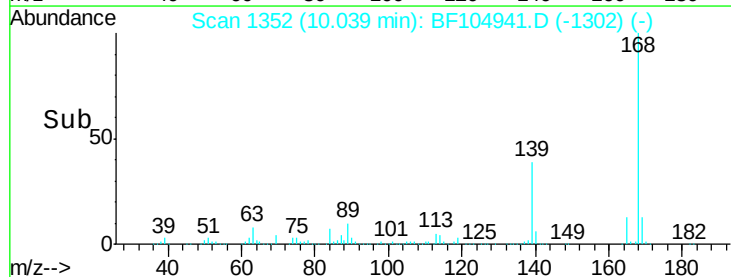
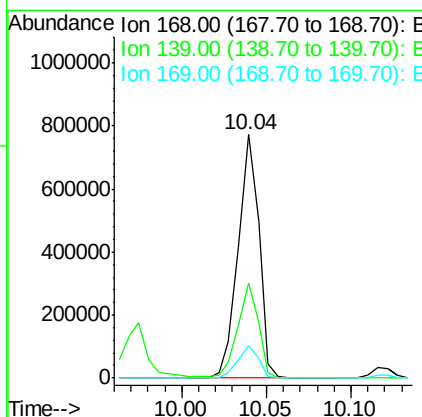
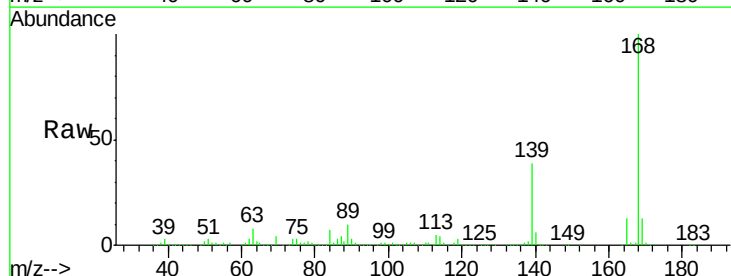
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-018-AMS

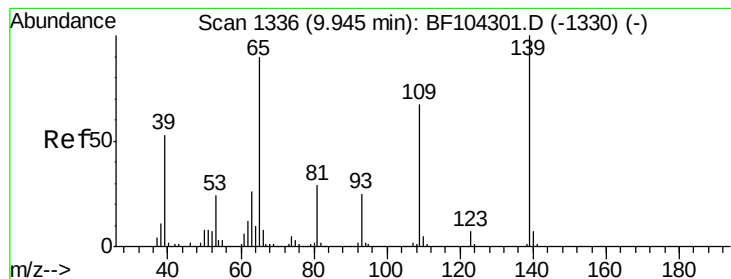
Tot Ion:184 Resp: 17259
 Ion Ratio Lower Upper
 184 100
 63 58.7 54.2 81.2
 154 72.0 184.0 276.0#



#54
 Dibenzofuran
 Concen: 34.236 ng
 RT: 10.04 min Scan# 1352
 Delta R.T. -0.01 min
 Lab File: BF104941.D
 Acq: 30 Apr 2018 19:01

Tgt Ion:168 Resp: 660895
 Ion Ratio Lower Upper
 168 100
 139 39.3 30.1 45.1
 169 13.2 10.9 16.3





#55

4-Nitrophenol

Concen: 58.105 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-018-AMS

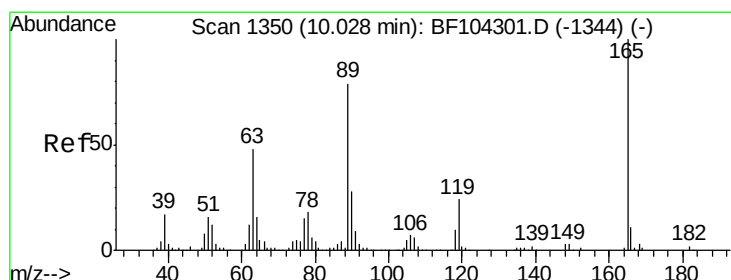
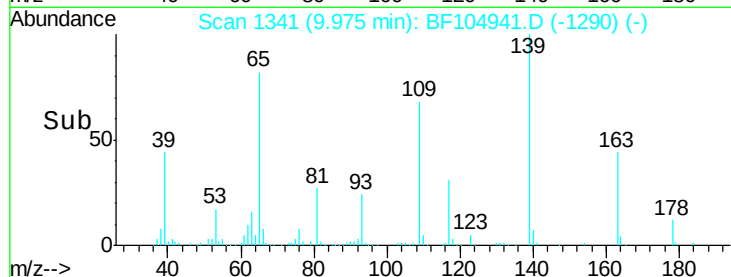
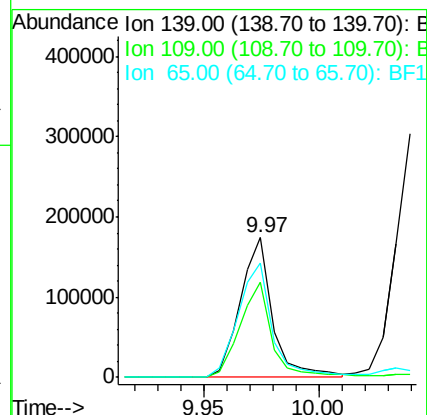
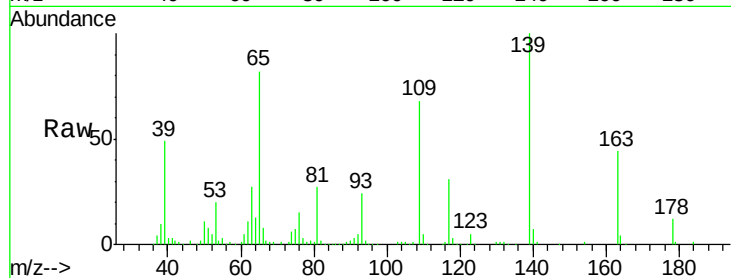
Tot Ion:139 Resp: 170031

Ion Ratio Lower Upper

139 100

109 67.9 48.4 88.4

65 82.3 72.6 112.6



#56

2,4-Dinitrotoluene

Concen: 38.333 ng

RT: 10.03 min Scan# 1351

Delta R.T. -0.01 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

Tgt Ion:165 Resp: 159999

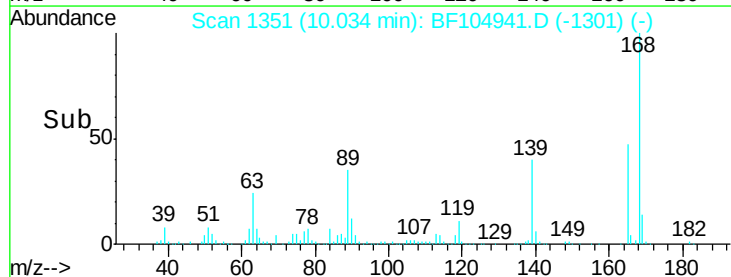
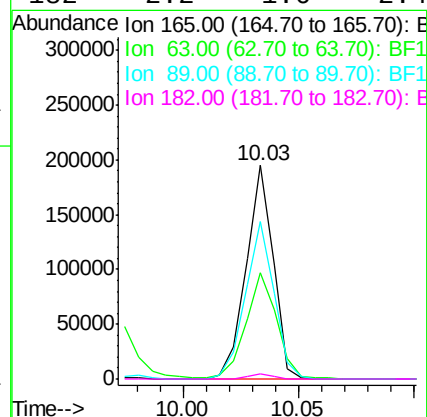
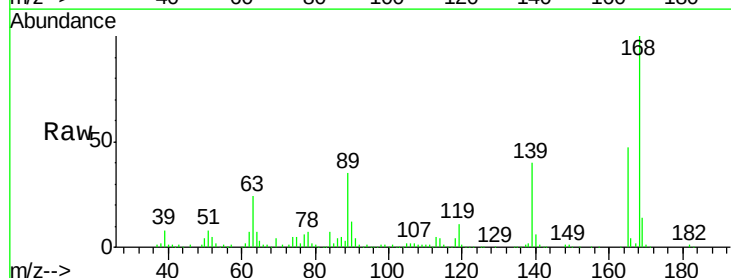
Ion Ratio Lower Upper

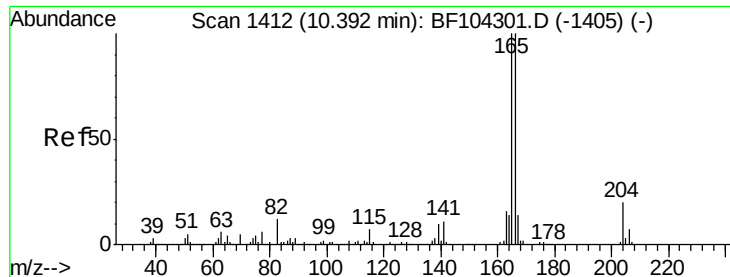
165 100

63 50.0 36.4 54.6

89 73.9 57.8 86.6

182 2.2 1.6 2.4





#57

Fluorene

Concen: 37.172 ng

RT: 10.39 min Scan# 1411

Delta R.T. 0.00 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-018-AMS

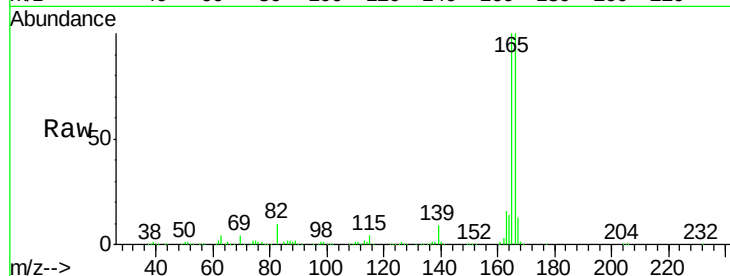
Tot Ion:166 Resp: 522309

Ion Ratio Lower Upper

166 100

165 99.8 79.8 119.8

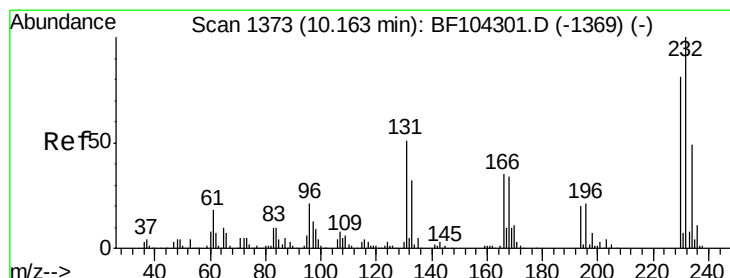
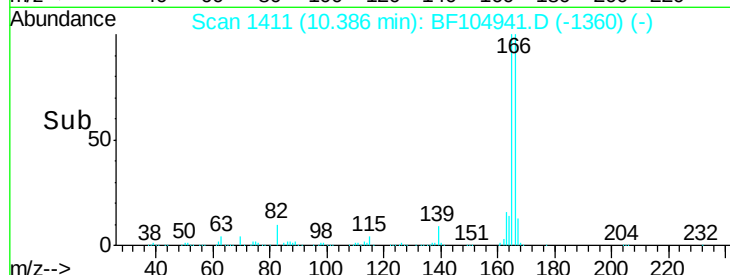
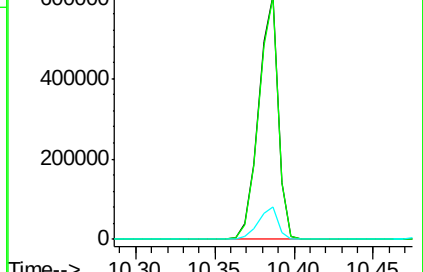
167 13.1 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 34.076 ng

RT: 10.16 min Scan# 1373

Delta R.T. 0.00 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

Tgt Ion:232 Resp: 123279

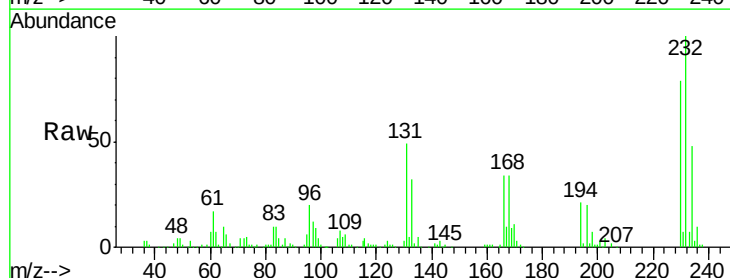
Ion Ratio Lower Upper

232 100

131 47.9 43.8 65.8

130 2.6 2.1 3.1

166 34.2 27.8 41.6

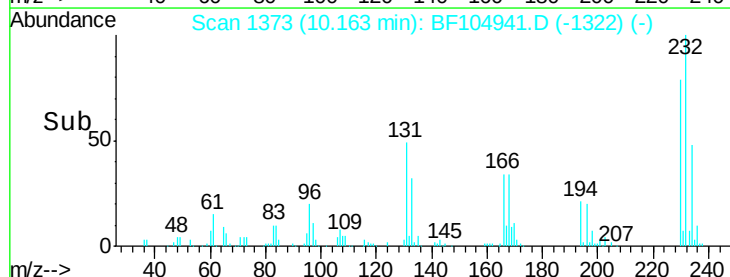
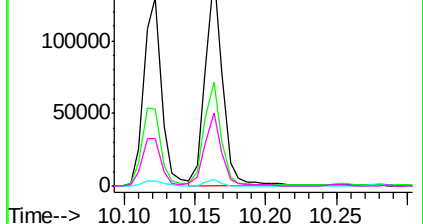


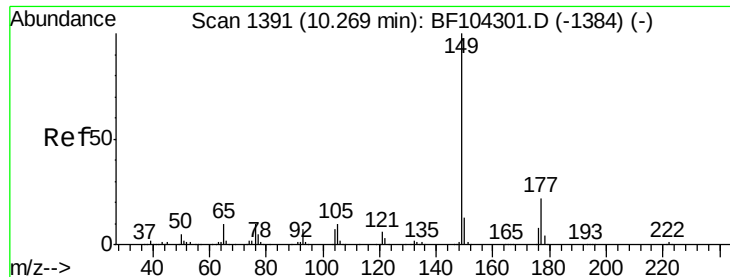
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 34.313 ng

RT: 10.25 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-018-AMS

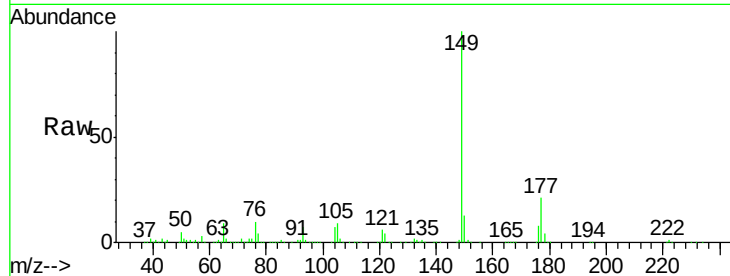
Tot Ion:149 Resp: 587672

Ion Ratio Lower Upper

149 100

177 21.0 16.1 24.1

150 12.8 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

10.25

800000

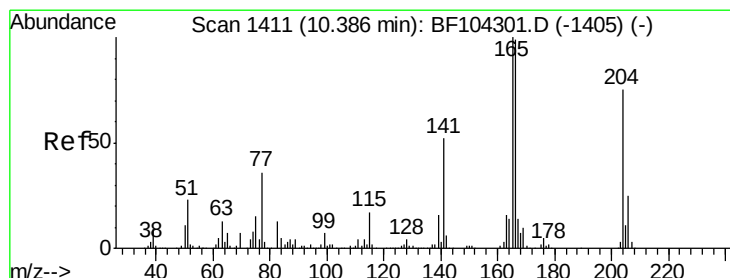
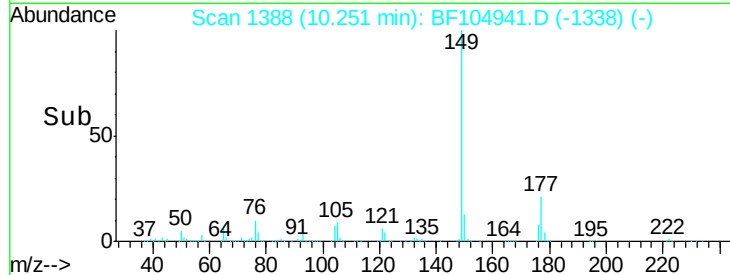
600000

400000

200000

0

Time-->



#60

4-Chlorophenyl-phenylether

Concen: 39.645 ng

RT: 10.37 min Scan# 1409

Delta R.T. 0.00 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

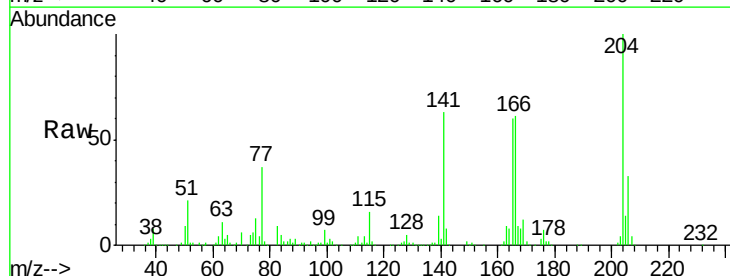
Tgt Ion:204 Resp: 248080

Ion Ratio Lower Upper

204 100

206 32.6 26.5 39.7

141 62.8 54.6 81.8



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

10.37

400000

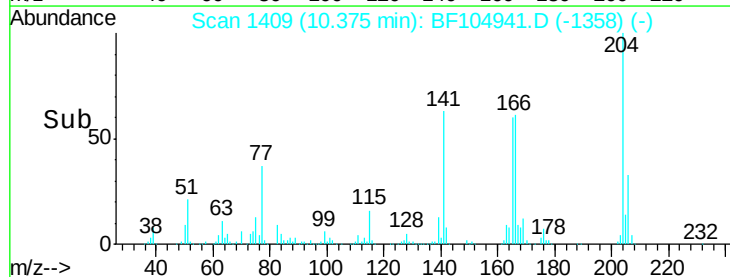
300000

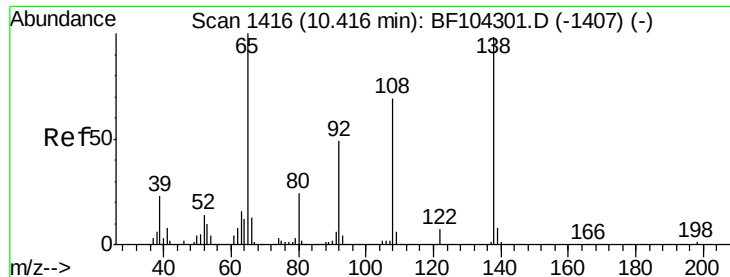
200000

100000

0

Time-->

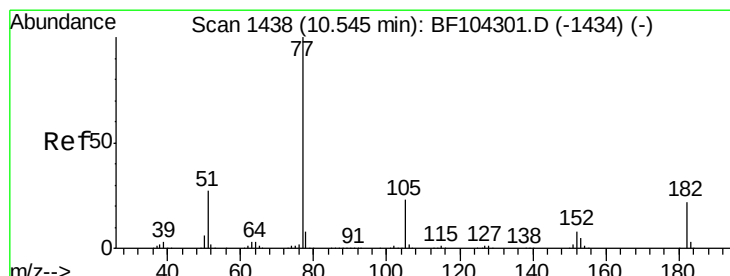
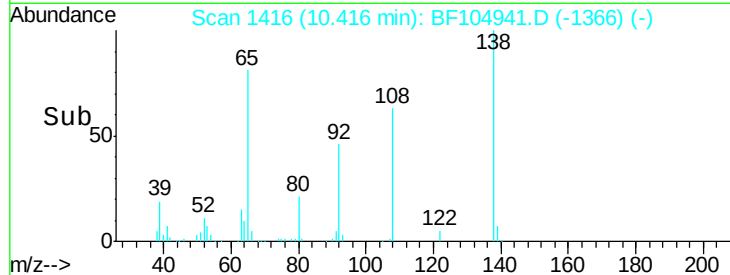
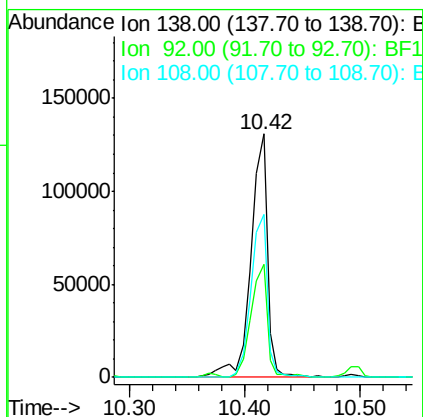
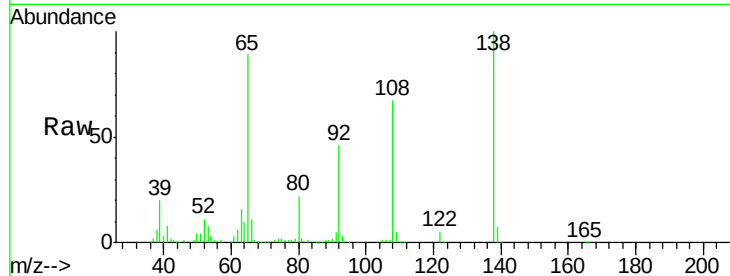




#61
4-Nitroaniline
Concen: 36.210 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF104941.D
Acq: 30 Apr 2018 19:01

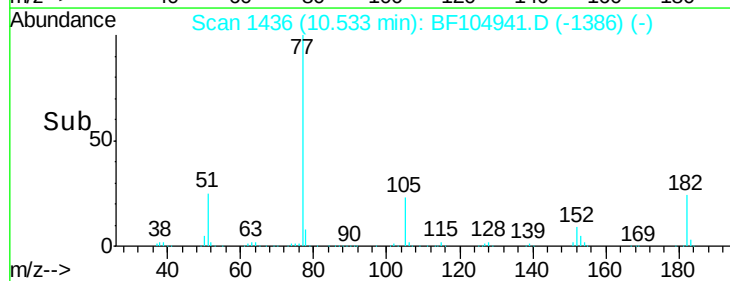
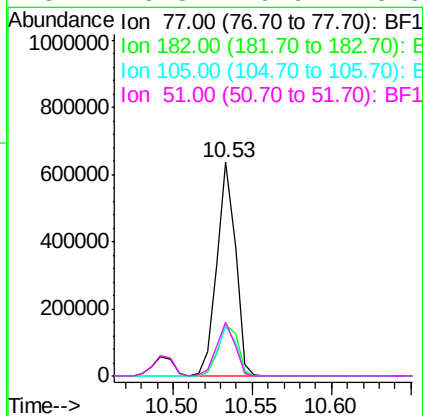
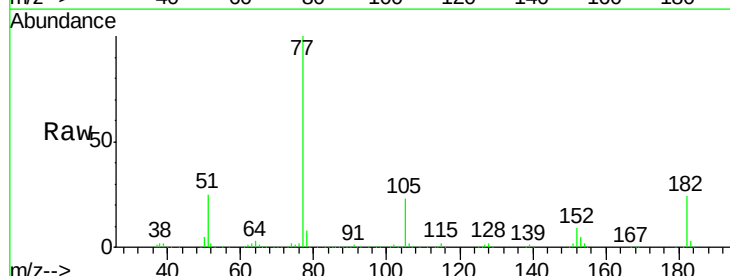
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-018-AMS

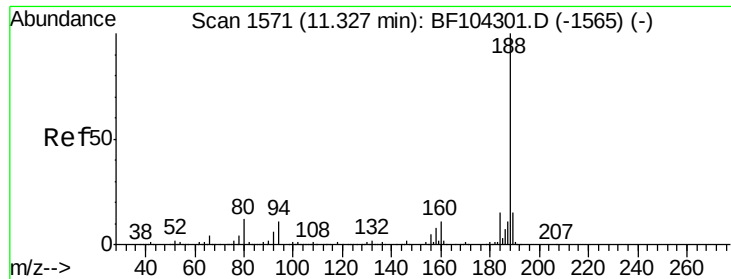
Tot Ion:138 Resp: 131894
Ion Ratio Lower Upper
138 100
92 46.5 30.2 70.2
108 66.7 52.5 92.5



#62
Azobenzene
Concen: 31.564 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF104941.D
Acq: 30 Apr 2018 19:01

Tgt Ion: 77 Resp: 516465
Ion Ratio Lower Upper
77 100
182 23.7 1.7 41.7
105 23.4 3.0 43.0
51 25.3 9.9 49.9

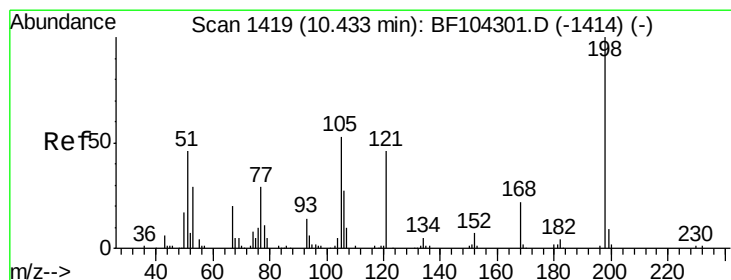
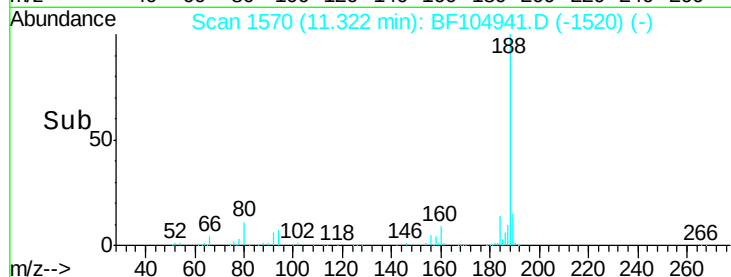
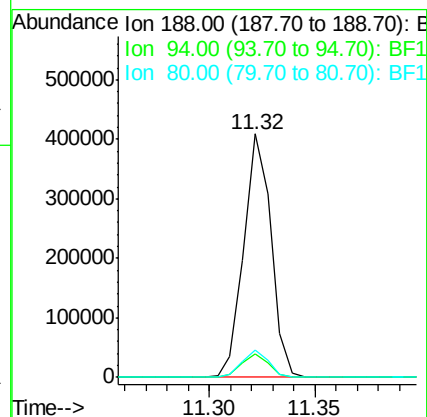
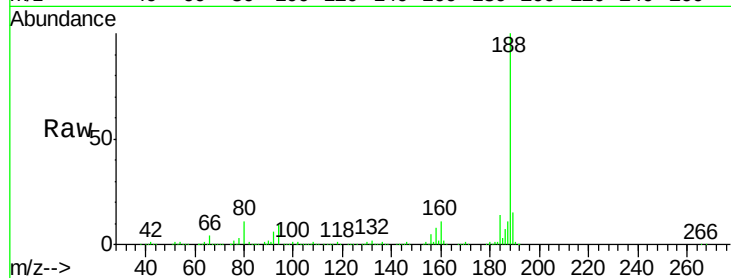




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF104941.D
Acq: 30 Apr 2018 19:01

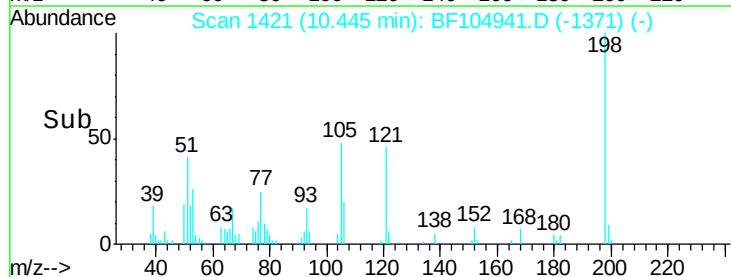
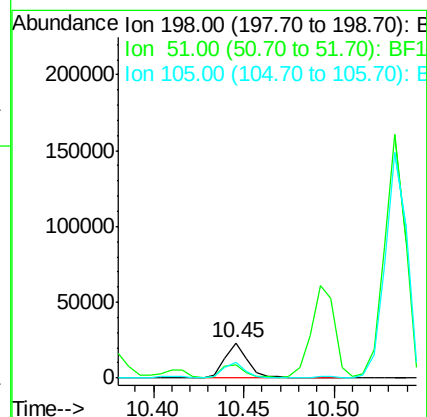
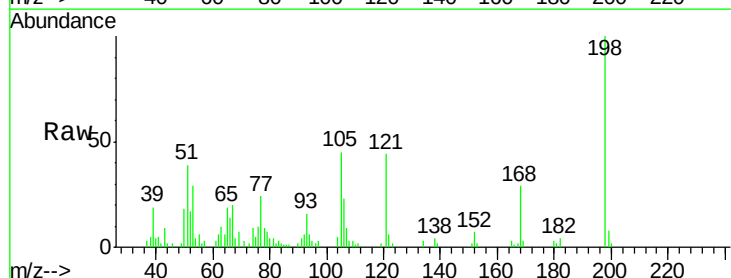
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-018-AMS

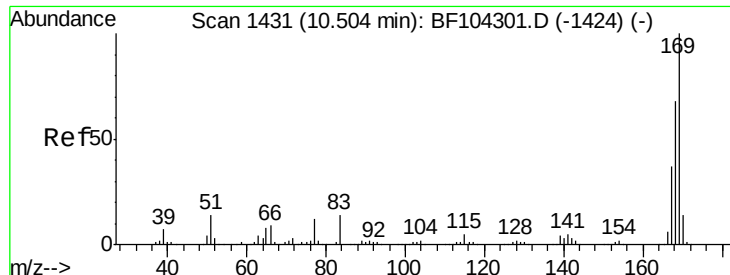
Tot Ion:188 Resp: 365352
Ion Ratio Lower Upper
188 100
94 9.7 8.5 12.7
80 11.0 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 16.937 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF104941.D
Acq: 30 Apr 2018 19:01

Tgt Ion:198 Resp: 20147
Ion Ratio Lower Upper
198 100
51 39.0 37.7 77.7
105 45.5 36.3 76.3

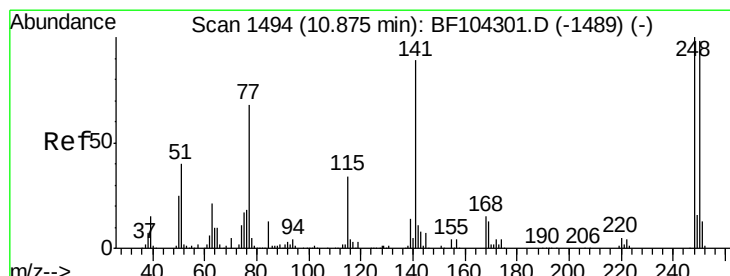
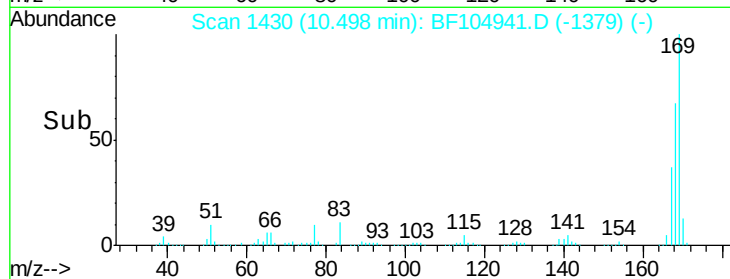
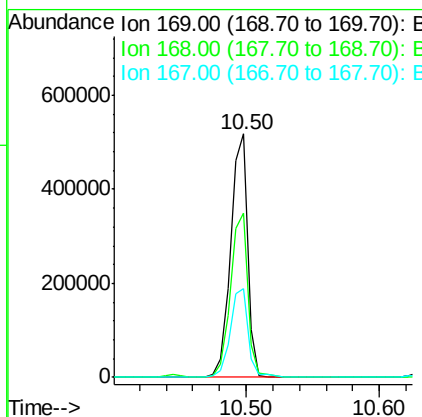
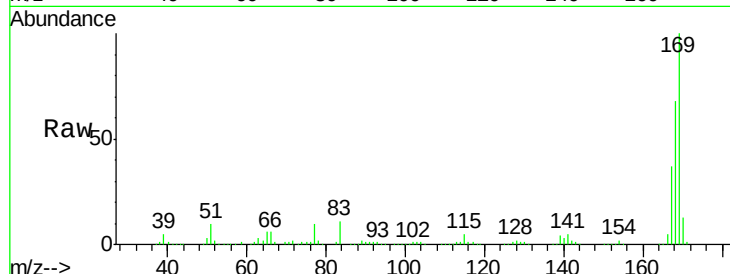




#65
n-Nitrosodiphenylamine
Concen: 36.988 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BF104941.D
Acq: 30 Apr 2018 19:01

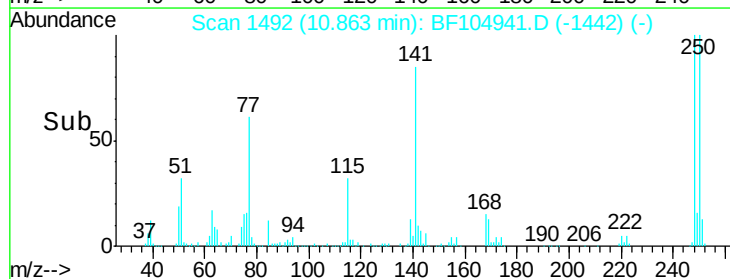
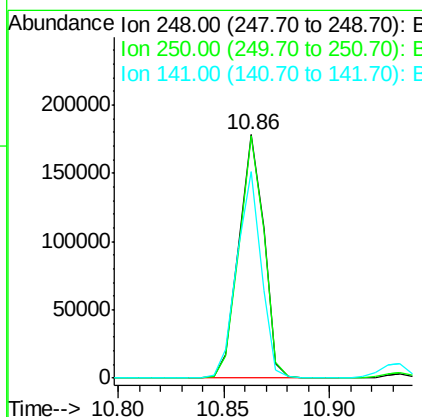
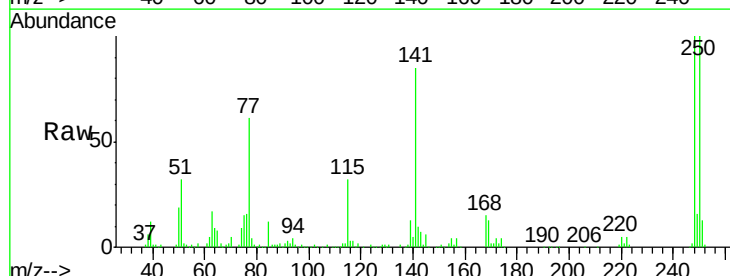
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-018-AMS

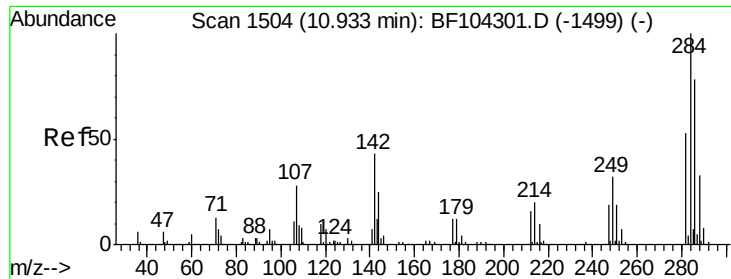
Tot Ion	169	Resp	468554
Ion Ratio	100	Lower	Upper
169	100		
168	67.5	54.4	81.6
167	36.6	29.8	44.6



#66
4-Bromophenyl-phenylether
Concen: 37.710 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF104941.D
Acq: 30 Apr 2018 19:01

Tgt Ion	248	Resp	146548
Ion Ratio	100	Lower	Upper
248	100		
250	99.6	76.9	115.3
141	85.0	74.4	111.6





#67

Hexachlorobenzene

Concen: 36.110 ng

RT: 10.93 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-018-AMS

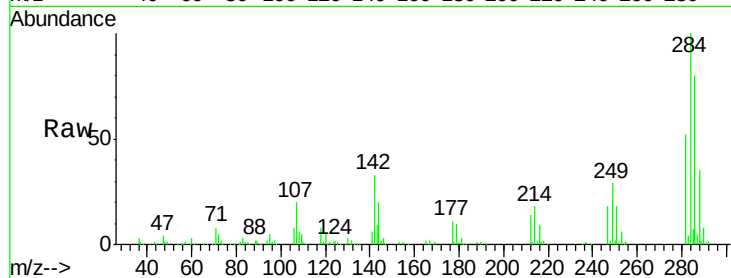
Tot Ion:284 Resp: 157902

Ion Ratio Lower Upper

284 100

142 33.0 34.6 52.0#

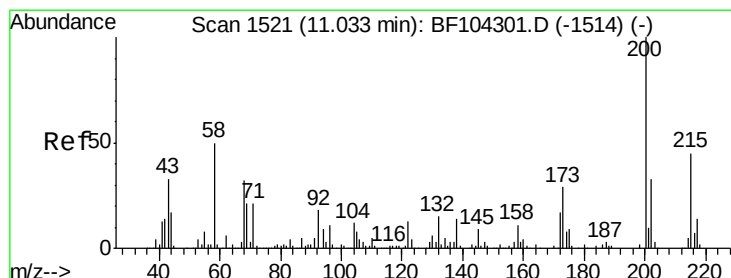
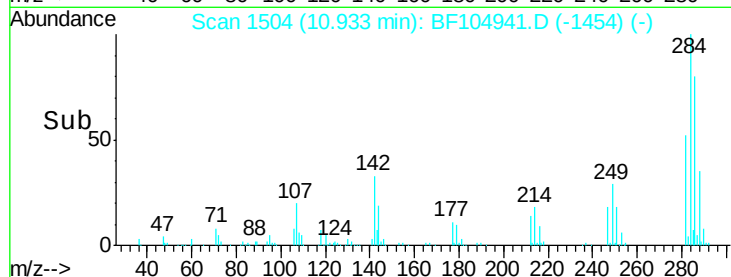
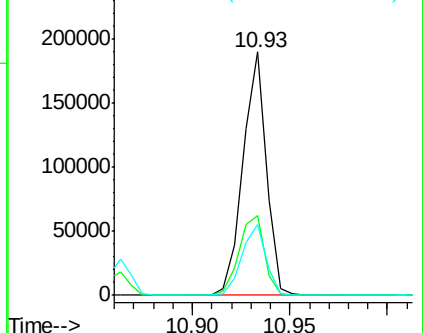
249 29.2 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 38.040 ng

RT: 11.03 min Scan# 1520

Delta R.T. 0.00 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

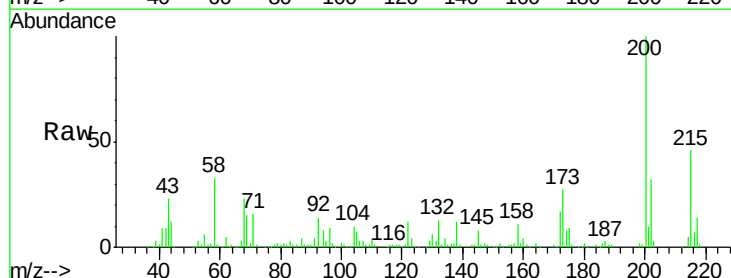
Tgt Ion:200 Resp: 145455

Ion Ratio Lower Upper

200 100

173 27.2 8.6 48.6

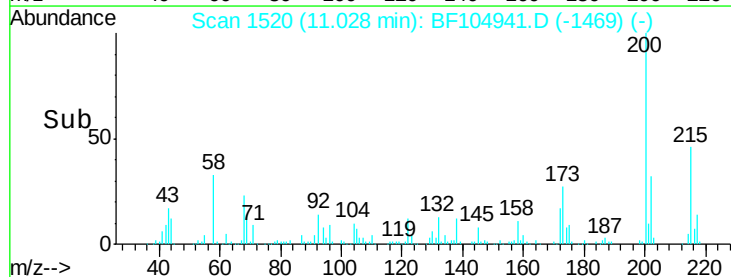
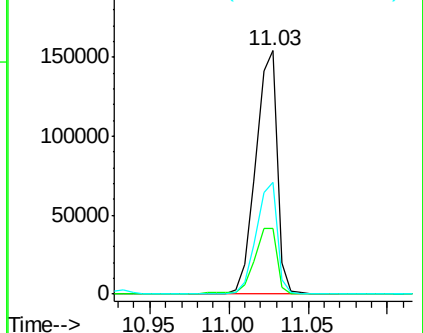
215 46.0 25.1 65.1

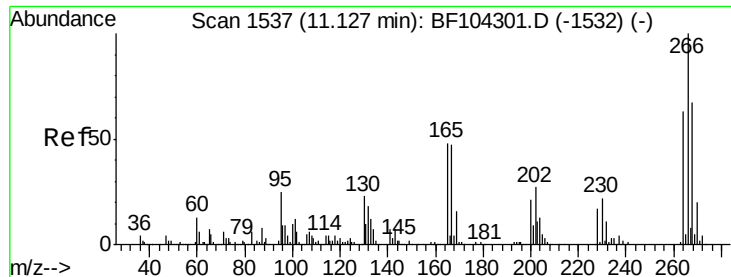


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

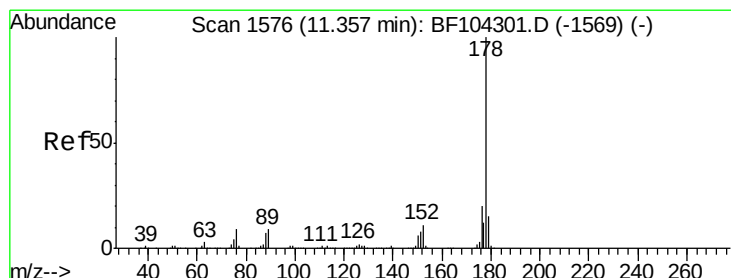
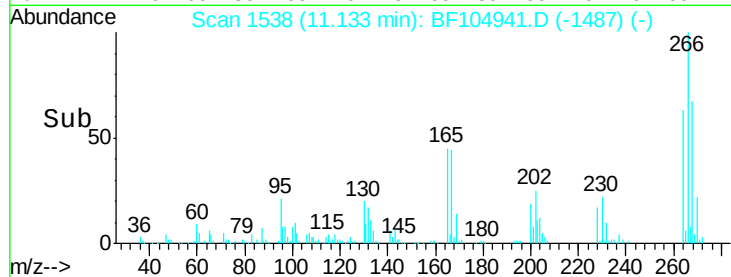
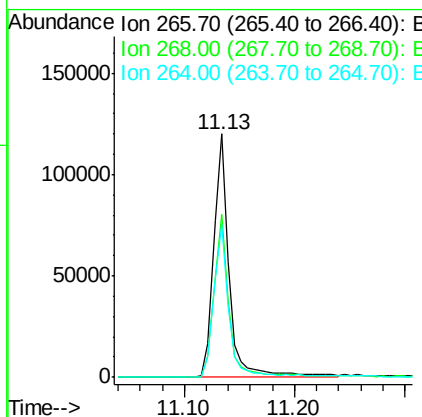
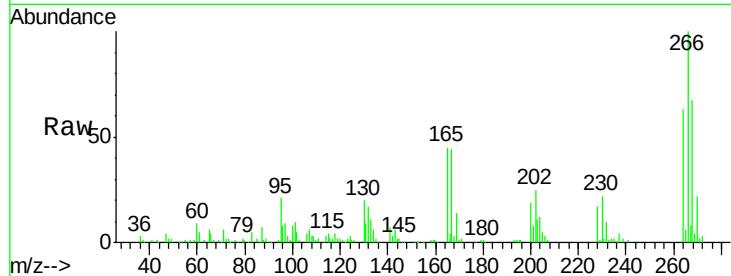




#69
 Pentachlorophenol
 Concen: 42.695 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. 0.00 min
 Lab File: BF104941.D
 Acq: 30 Apr 2018 19:01

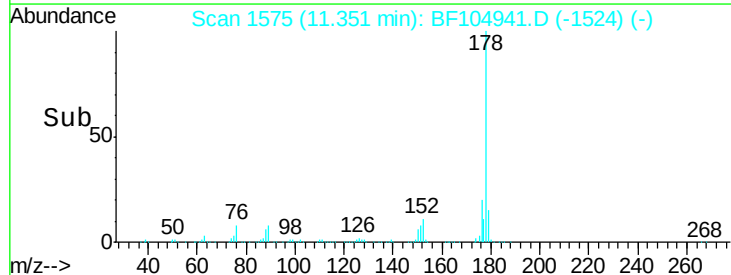
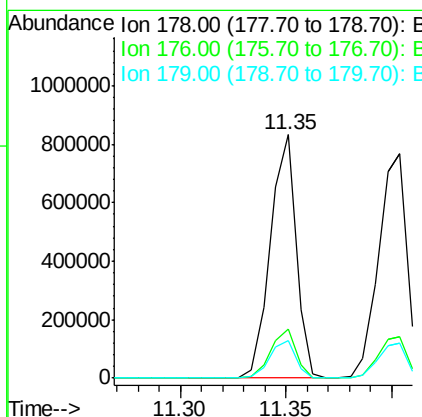
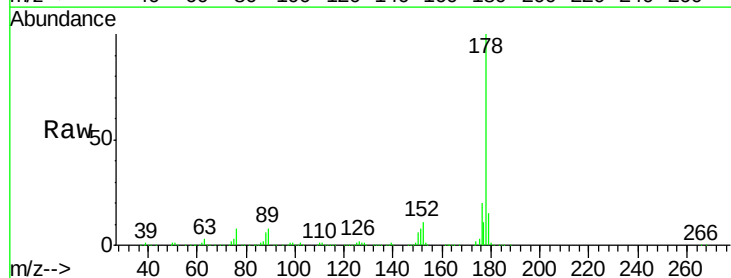
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-018-AMS

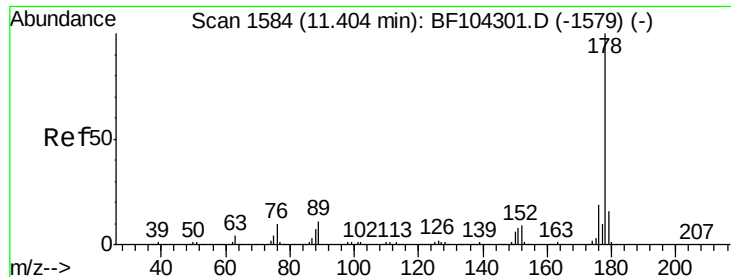
Tot Ion:266 Resp: 115500
 Ion Ratio Lower Upper
 266 100
 268 66.8 51.1 76.7
 264 62.7 49.5 74.3



#70
 Phenanthrene
 Concen: 34.966 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. 0.00 min
 Lab File: BF104941.D
 Acq: 30 Apr 2018 19:01

Tgt Ion:178 Resp: 711434
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 15.4 13.0 19.6

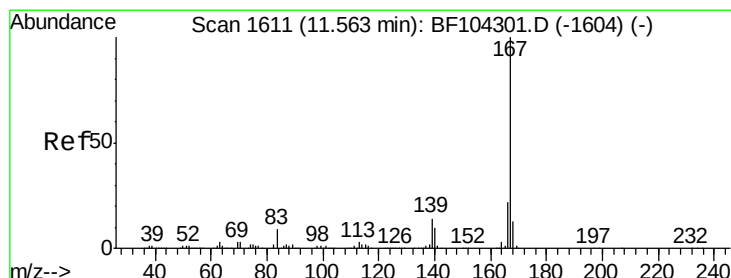
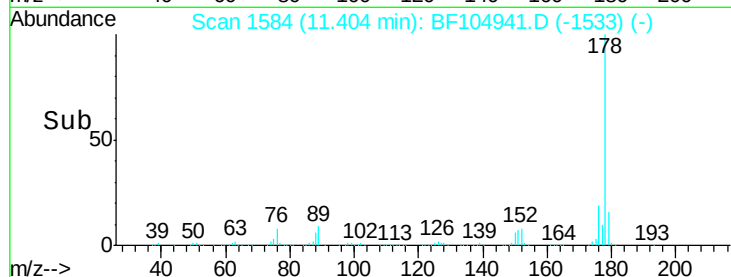
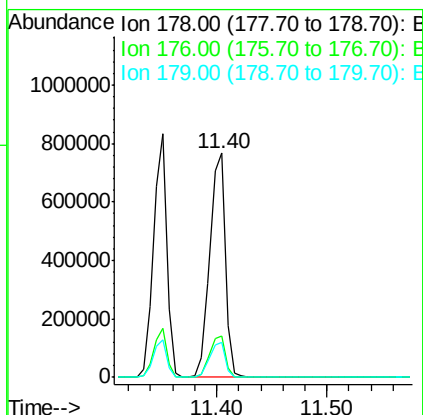
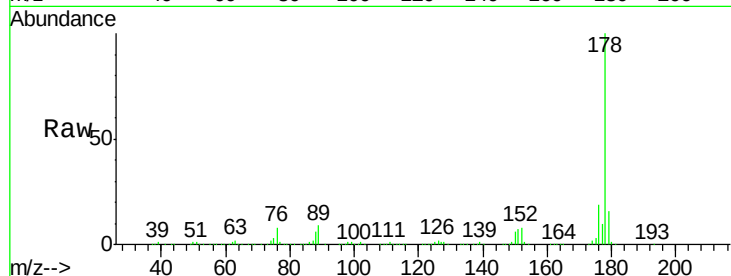




#71
 Anthracene
 Concen: 35.370 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF104941.D
 Acq: 30 Apr 2018 19:01

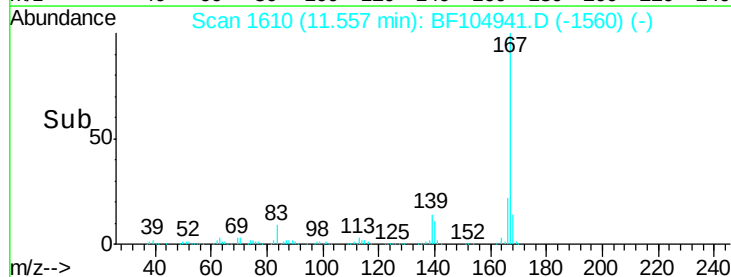
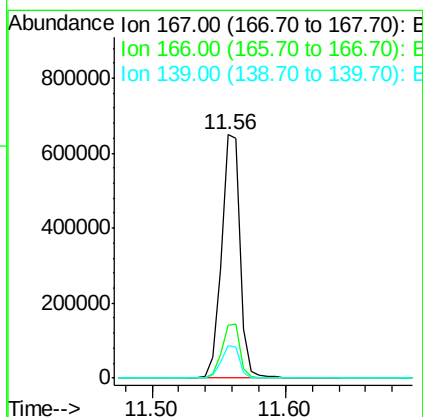
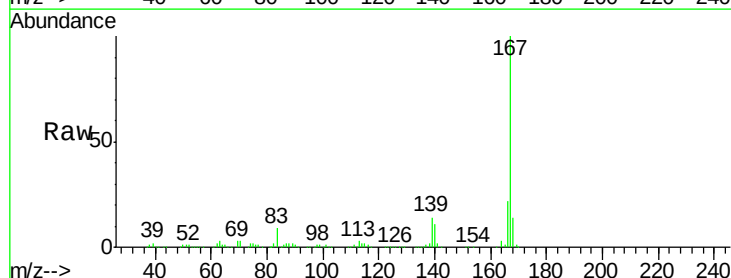
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-018-AMS

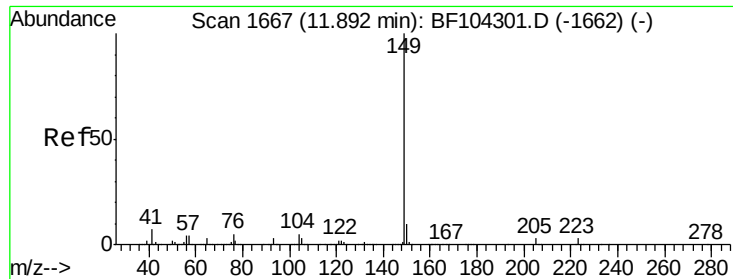
Tot Ion:178 Resp: 731527
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 31.593 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF104941.D
 Acq: 30 Apr 2018 19:01

Tgt Ion:167 Resp: 638496
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 13.6 10.9 16.3





#73

Di-n-butylphthalate

Concen: 34.848 ng

RT: 11.88 min Scan# 1665

Delta R.T. 0.00 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-018-AMS

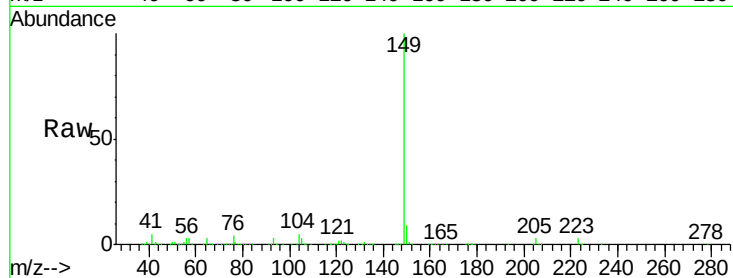
Tot Ion:149 Resp: 860327

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

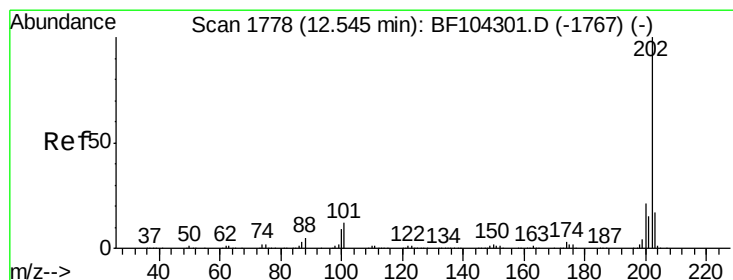
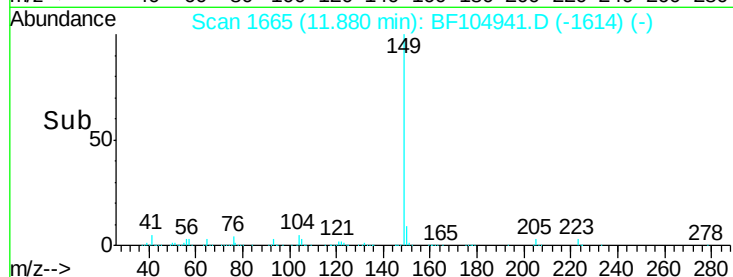
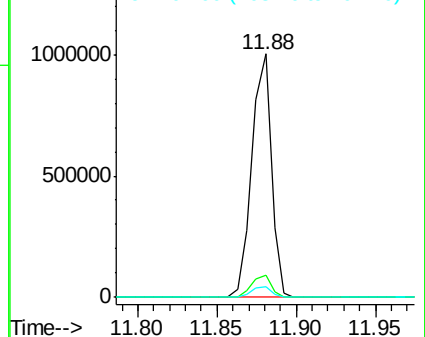
104 4.6 3.8 5.8



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: 31.253 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

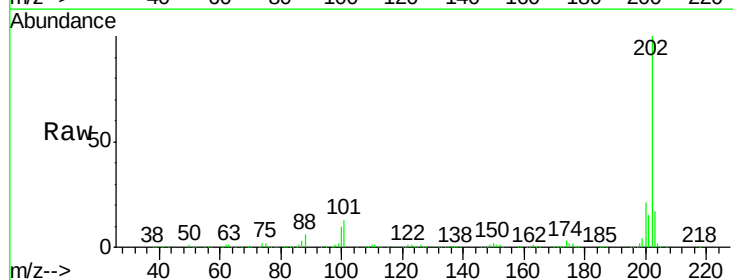
Tgt Ion:202 Resp: 664378

Ion Ratio Lower Upper

202 100

101 12.5 0.0 34.1

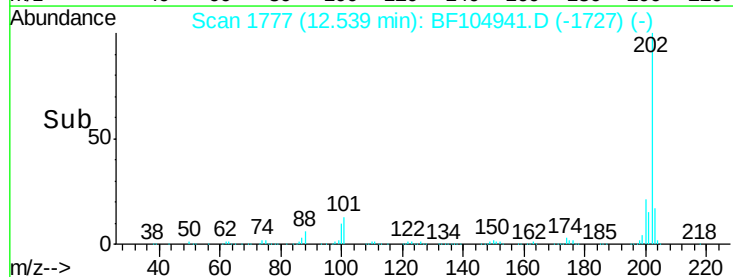
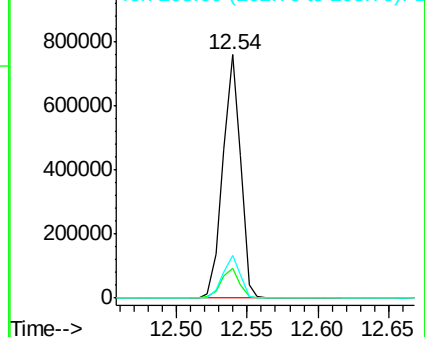
203 17.3 0.0 38.1

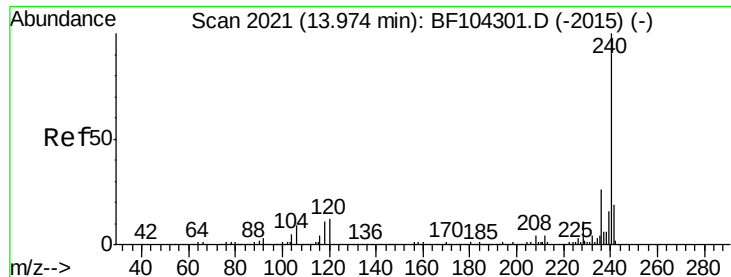


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2021

Delta R.T. 0.00 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-018-AMS

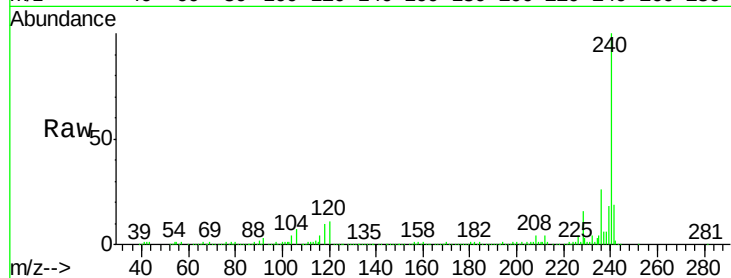
Tot Ion:240 Resp: 229034

Ion Ratio Lower Upper

240 100

120 11.3 9.5 14.3

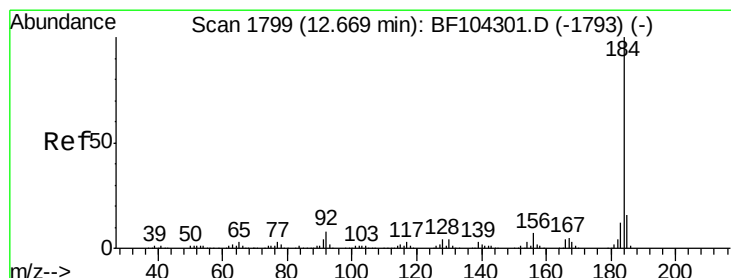
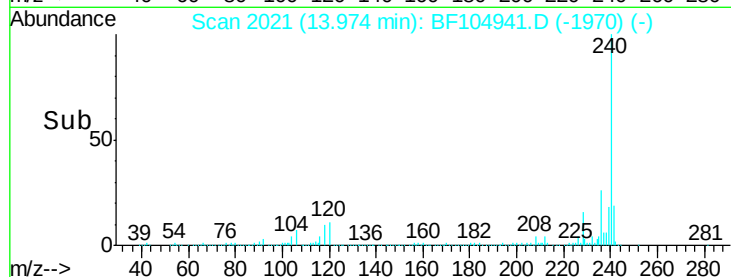
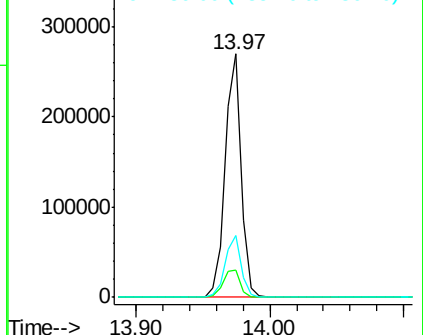
236 25.7 20.7 31.1



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: 30.492 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.00 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

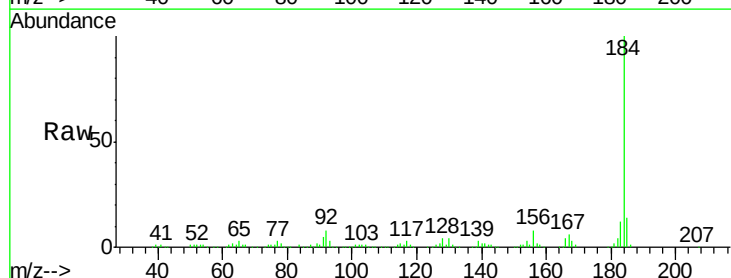
Tgt Ion:184 Resp: 254388

Ion Ratio Lower Upper

184 100

185 14.1 12.6 18.8

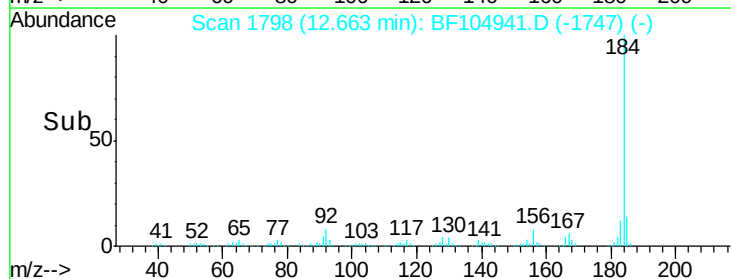
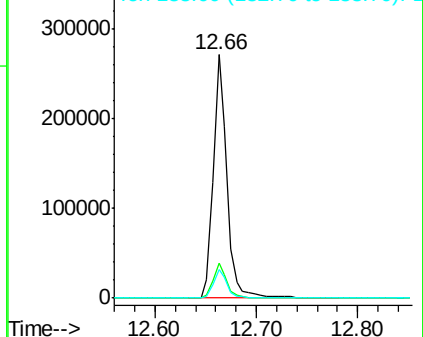
183 11.7 9.3 13.9

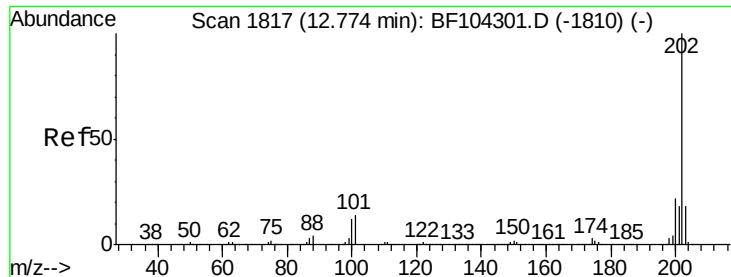


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

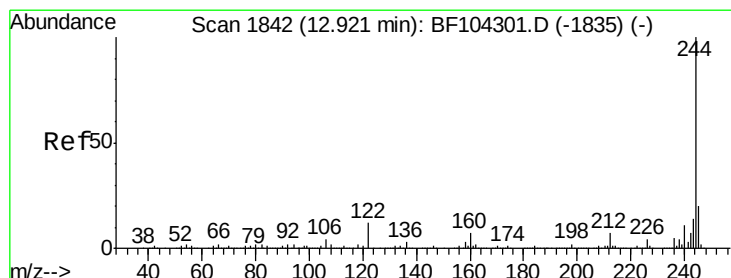
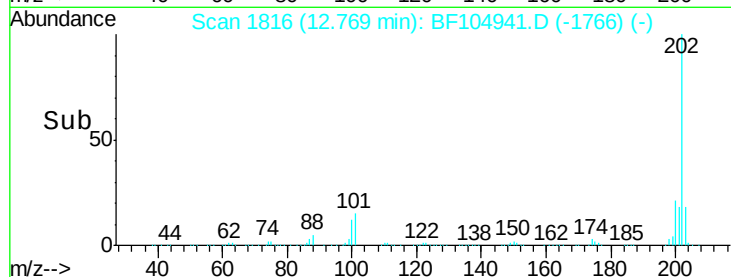
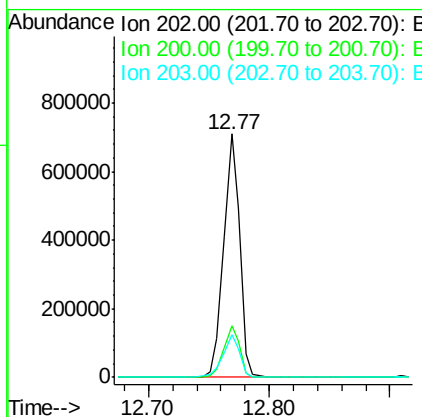
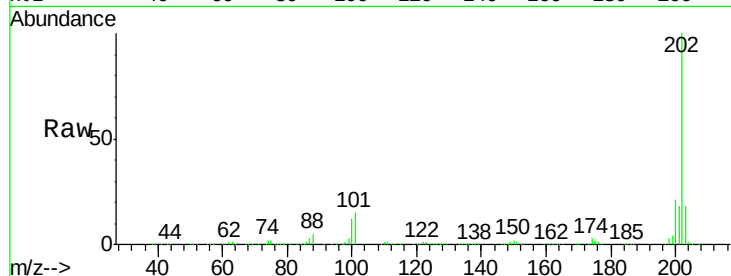




#77
Pvrene
Concen: 38.154 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF104941.D
Acq: 30 Apr 2018 19:01

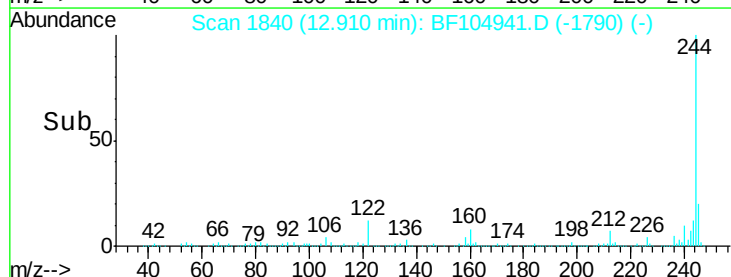
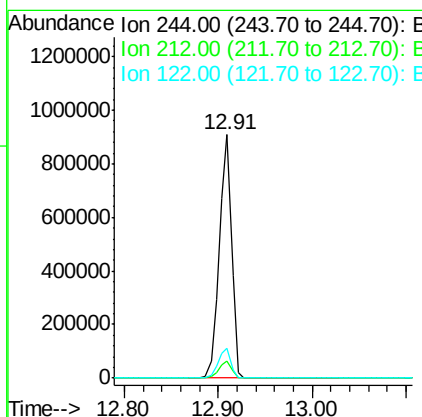
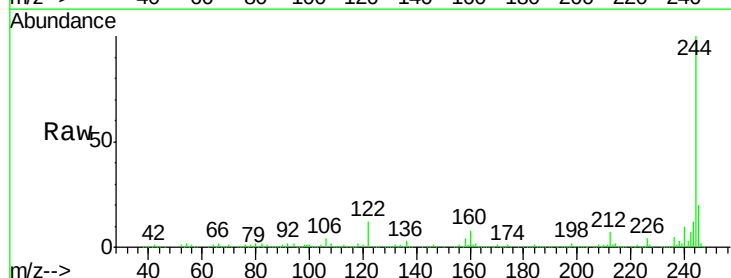
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-018-AMS

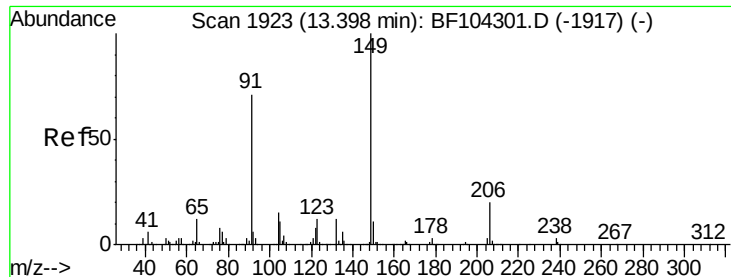
Tot Ion:202 Resp: 647727
Ion Ratio Lower Upper
202 100
200 21.2 17.4 26.2
203 17.7 14.3 21.5



#78
Terphenyl-d14
Concen: 82.927 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF104941.D
Acq: 30 Apr 2018 19:01

Tgt Ion:244 Resp: 833089
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.0
122 12.2 11.0 16.4

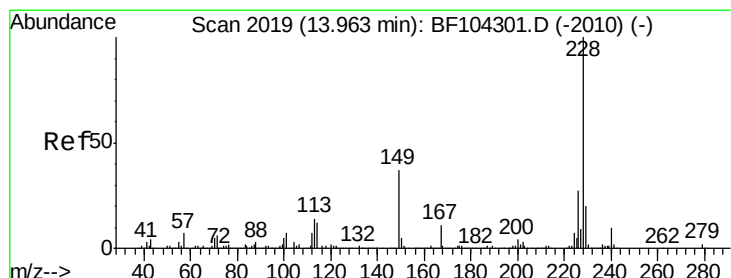
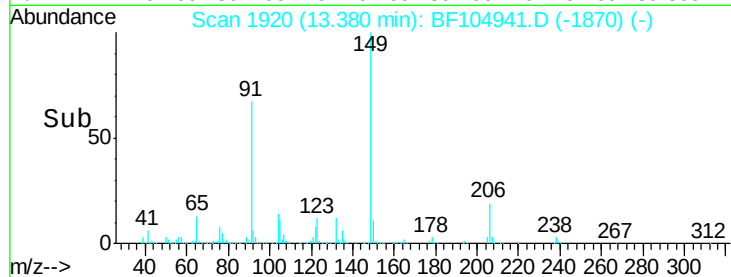
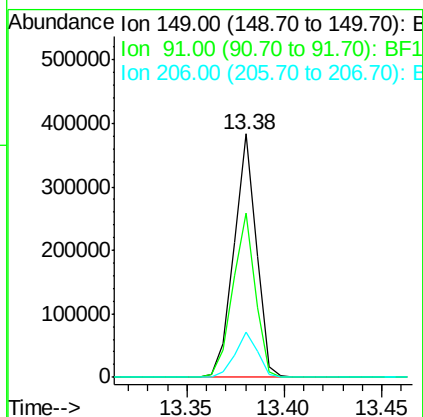
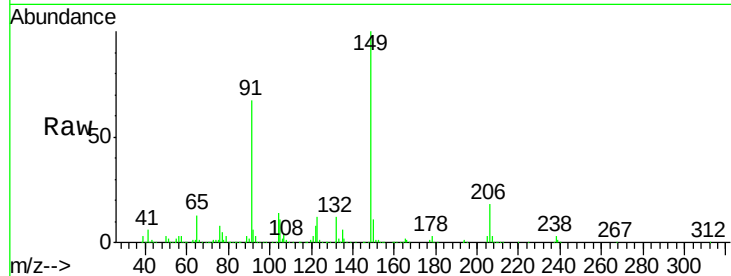




#79
Butylbenzylphthalate
Concen: 38.201 ng
RT: 13.38 min Scan# 1920
Delta R.T. -0.01 min
Lab File: BF104941.D
Acq: 30 Apr 2018 19:01

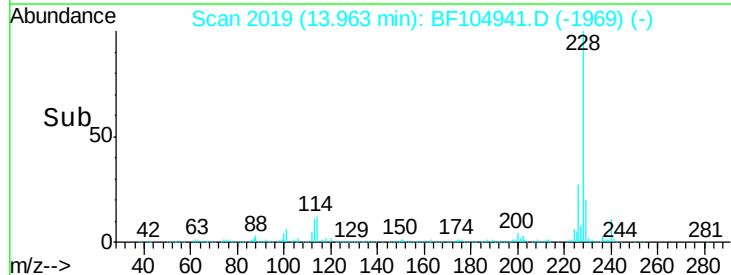
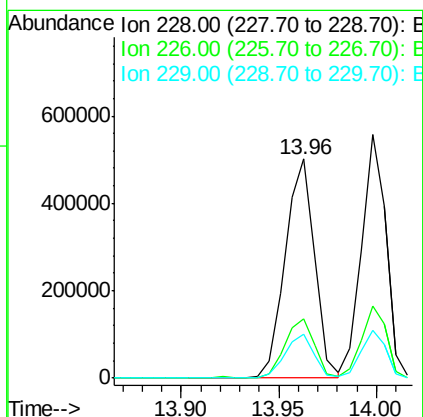
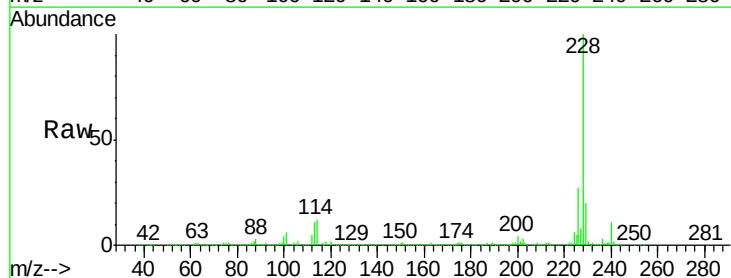
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-018-AMS

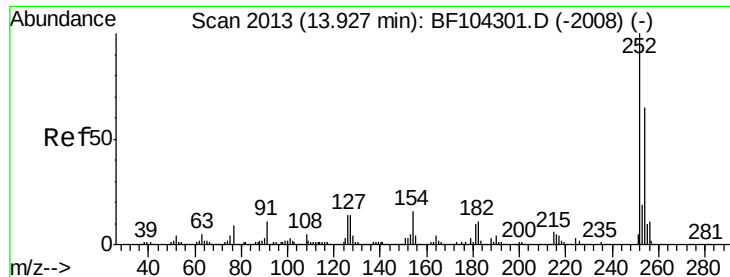
Tot Ion:149 Resp: 305536
Ion Ratio Lower Upper
149 100
91 67.4 56.8 85.2
206 18.5 14.1 21.1



#80
Benzo(a)anthracene
Concen: 38.121 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF104941.D
Acq: 30 Apr 2018 19:01

Tgt Ion:228 Resp: 521597
Ion Ratio Lower Upper
228 100
226 27.1 22.6 33.8
229 19.9 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 33.593 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-018-AMS

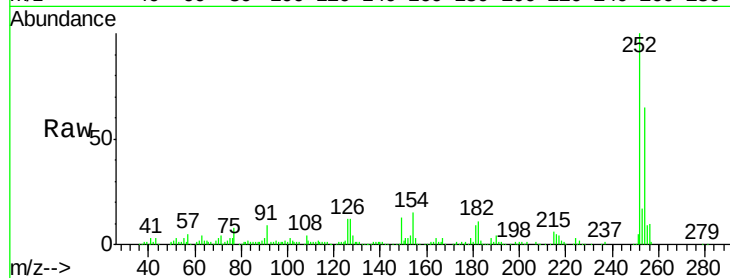
Tot Ion:252 Resp: 171382

Ion Ratio Lower Upper

252 100

254 65.0 50.4 75.6

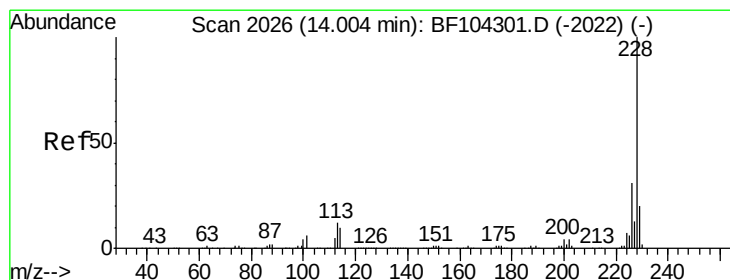
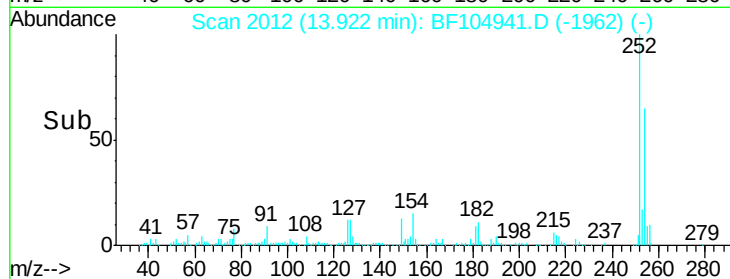
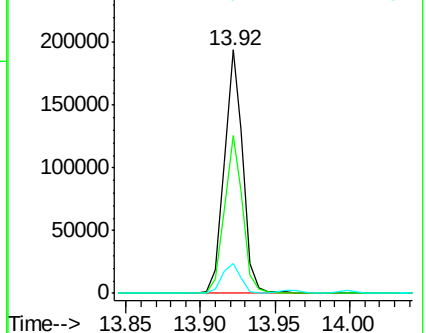
126 12.5 11.3 16.9



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: 34.522 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

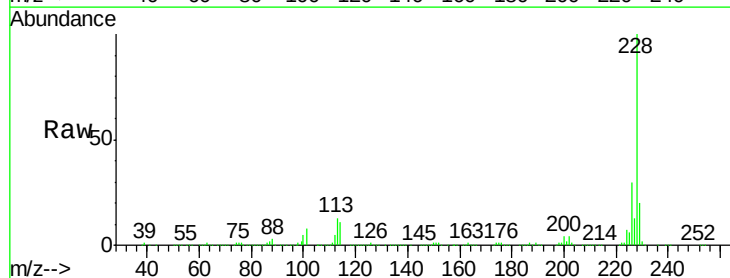
Tgt Ion:228 Resp: 485180

Ion Ratio Lower Upper

228 100

226 29.5 25.0 37.6

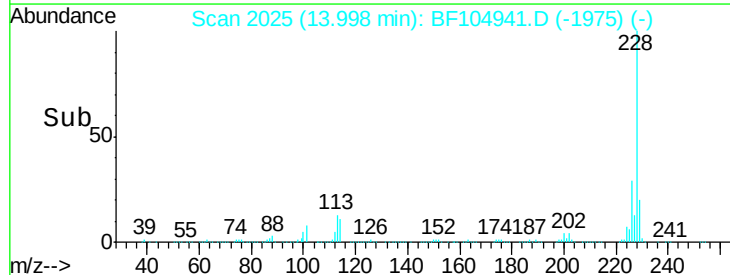
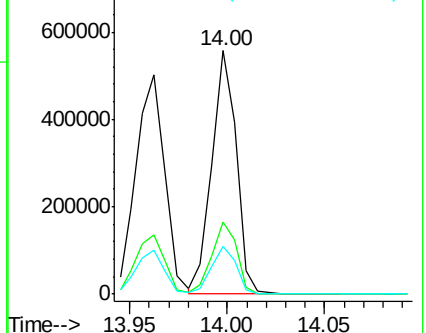
229 19.7 16.2 24.4

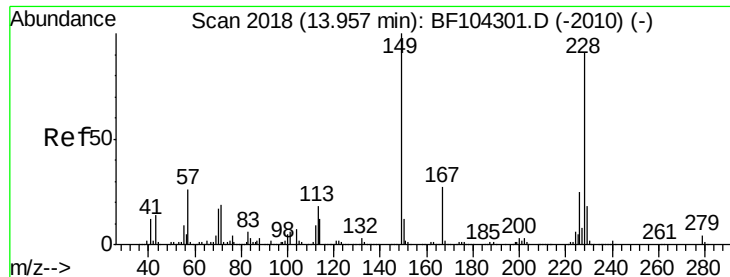


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.970 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-018-AMS

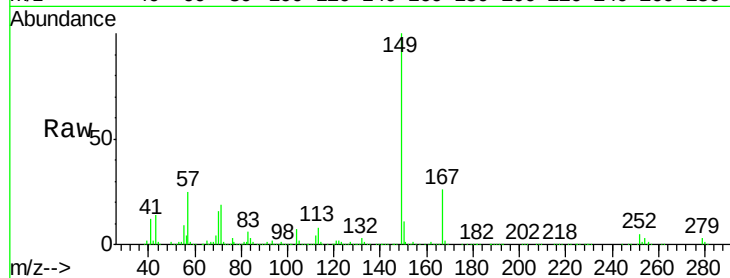
Tot Ion:149 Resp: 421477

Ion Ratio Lower Upper

149 100

167 25.9 21.3 31.9

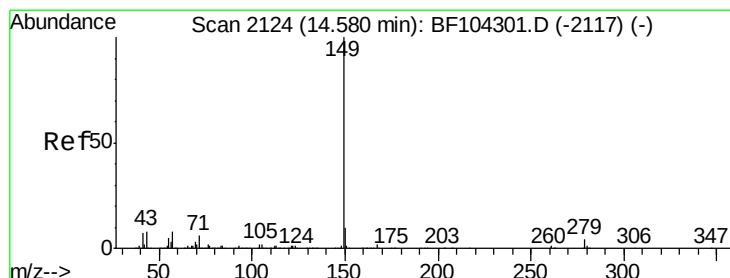
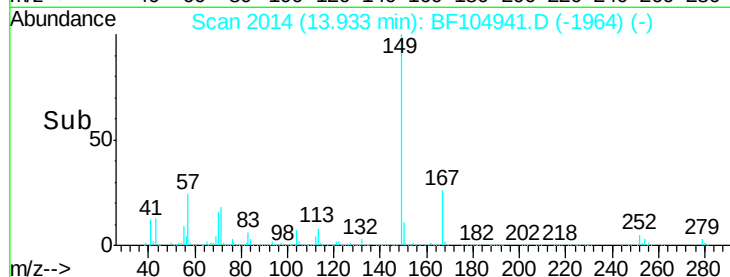
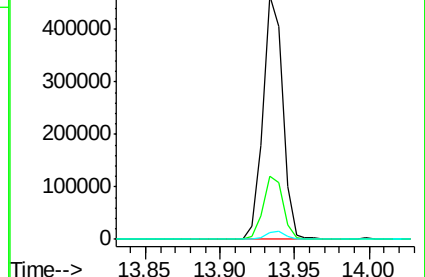
279 2.9 3.0 4.4#



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: 38.011 ng

RT: 14.56 min Scan# 2120

Delta R.T. 0.00 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

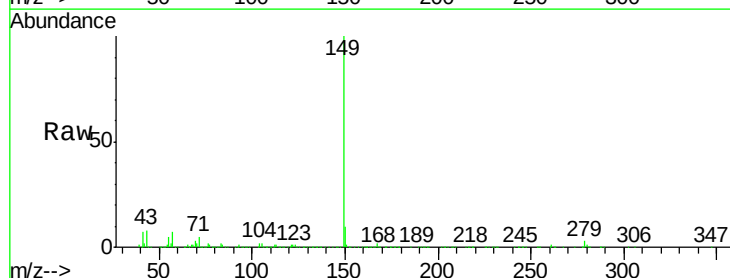
Tgt Ion:149 Resp: 653388

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

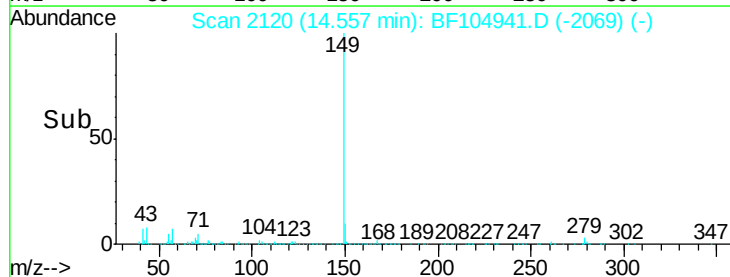
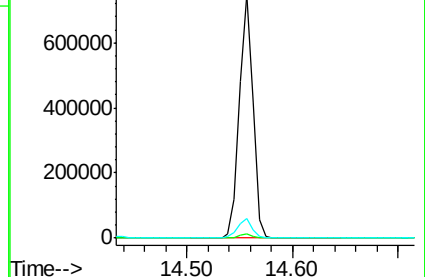
43 8.0 8.4 12.6#

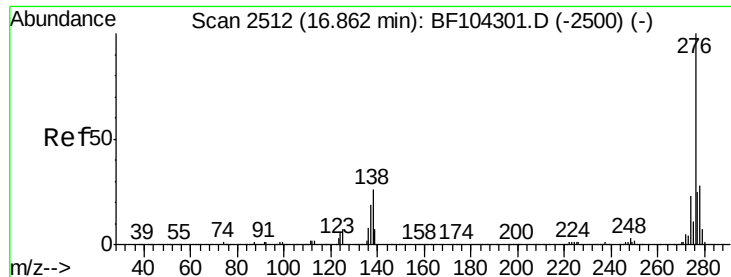


Abundance Ion 149.00 (148.70 to 149.70): E

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: 35.495 ng

RT: 16.90 min Scan# 2519

Delta R.T. 0.00 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-018-AMS

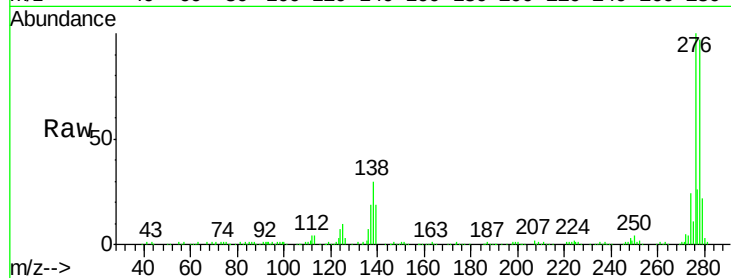
Tot Ion:276 Resp: 423775

Ion Ratio Lower Upper

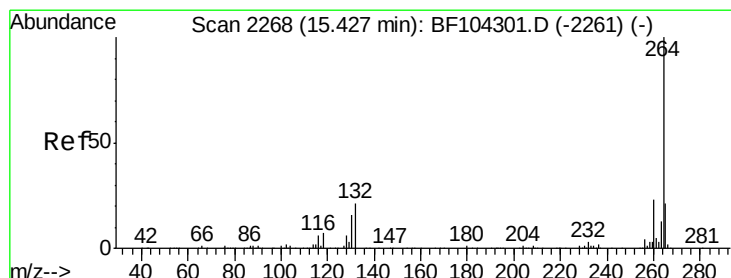
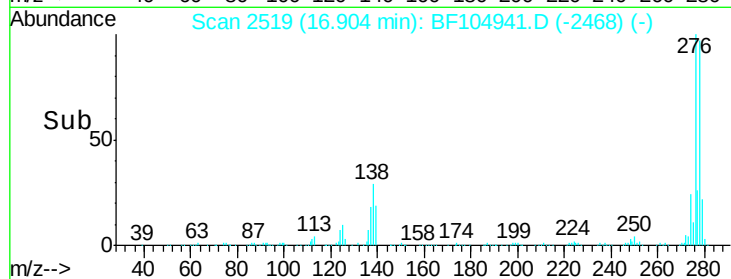
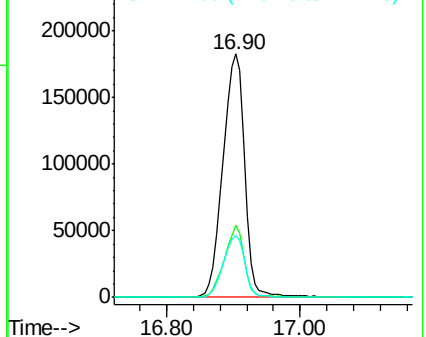
276 100

138 27.1 25.0 37.6

277 25.2 20.1 30.1



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2270

Delta R.T. 0.00 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

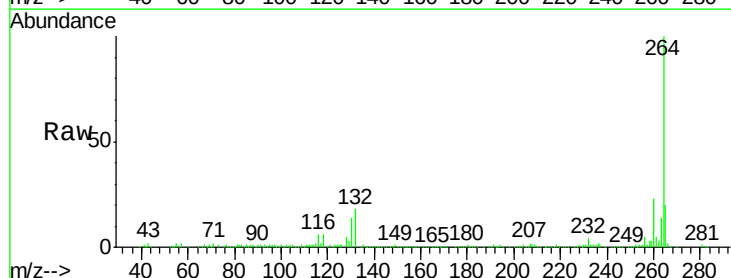
Tgt Ion:264 Resp: 209638

Ion Ratio Lower Upper

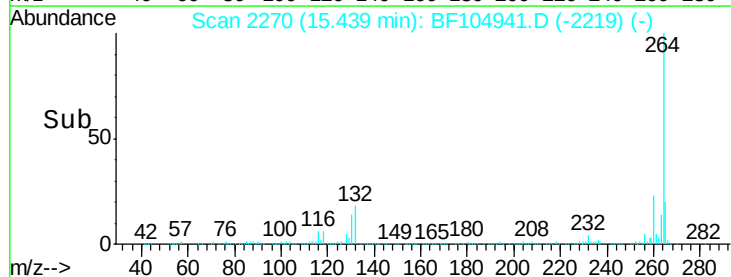
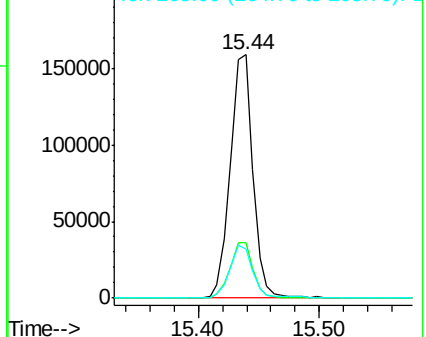
264 100

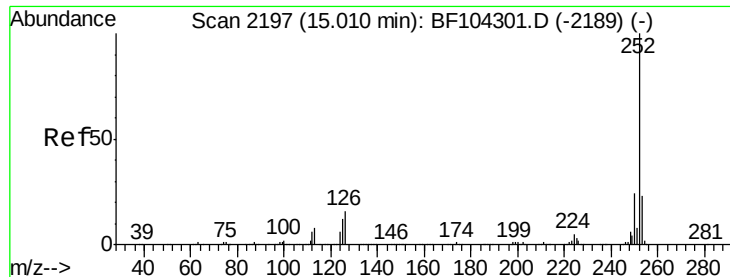
260 22.7 19.2 28.8

265 20.4 17.5 26.3



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

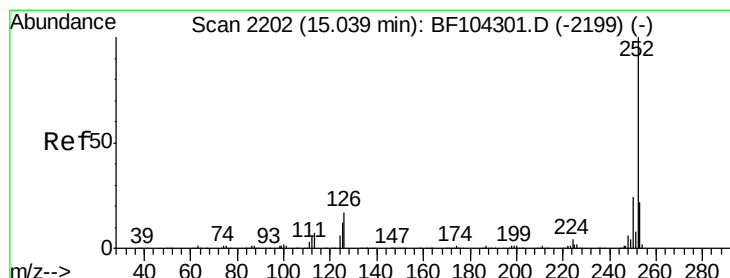
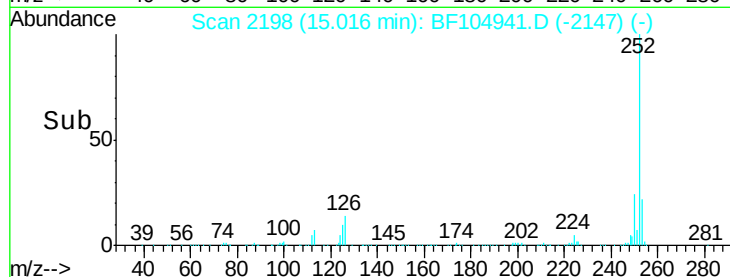
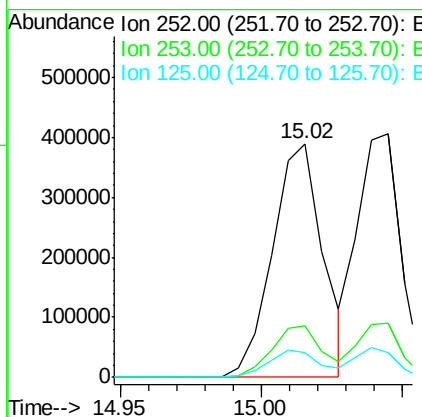
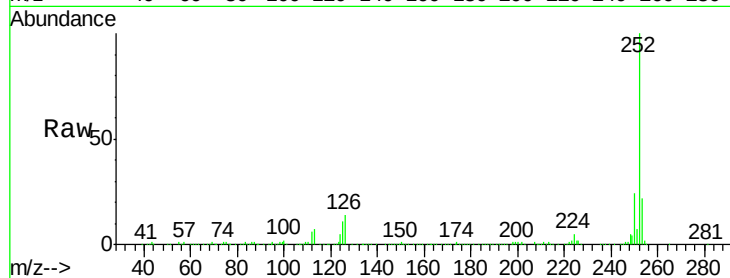




#87
Benzo(b)fluoranthene
Concen: 36.530 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.00 min
Lab File: BF104941.D
Acq: 30 Apr 2018 19:01

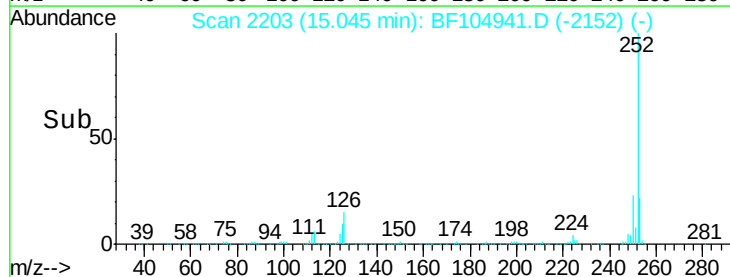
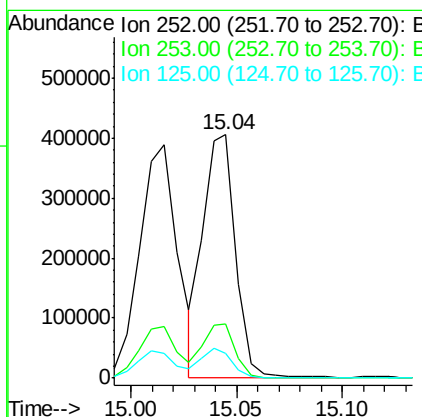
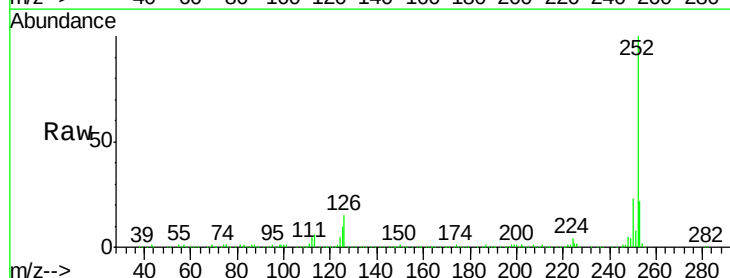
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-018-AMS

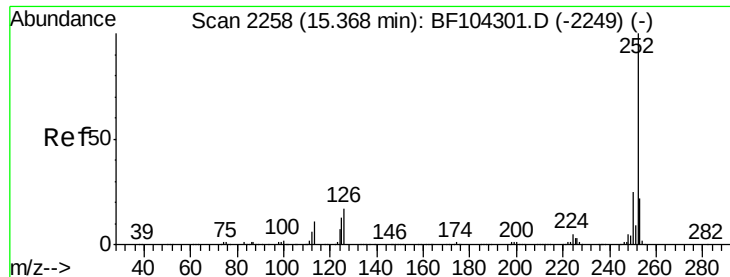
Tot Ion:252 Resp: 483672
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.6
125 10.6 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 34.479 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BF104941.D
Acq: 30 Apr 2018 19:01

Tgt Ion:252 Resp: 430985
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 10.4 10.2 15.2





#89

Benzo(a)pyrene

Concen: 36.609 ng

RT: 15.38 min Scan# 2260

Delta R.T. 0.00 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-018-AMS

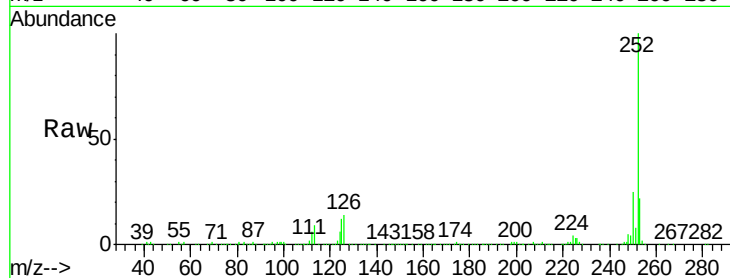
Tot Ion:252 Resp: 433699

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

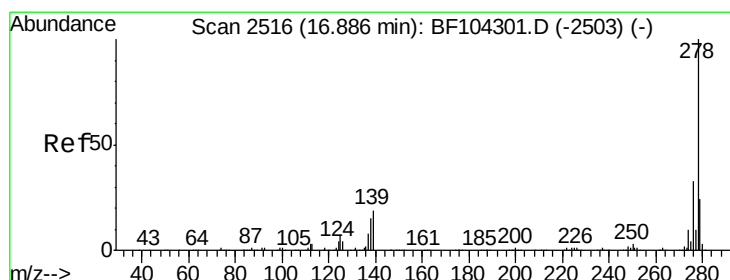
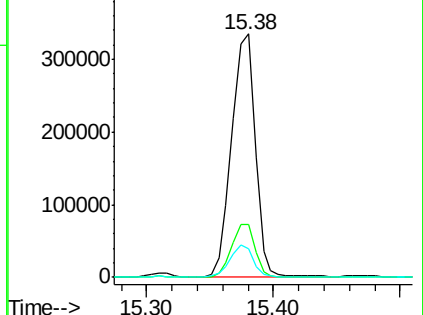
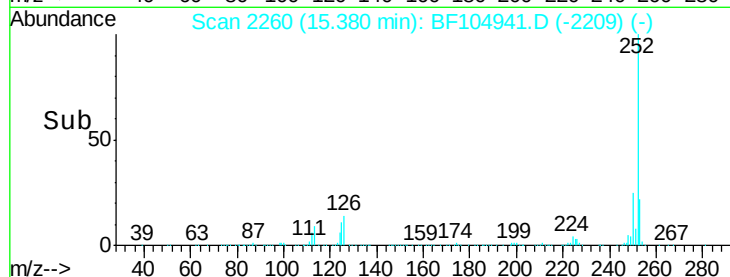
125 11.5 9.8 14.6



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: 36.814 ng

RT: 16.91 min Scan# 2520

Delta R.T. -0.01 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

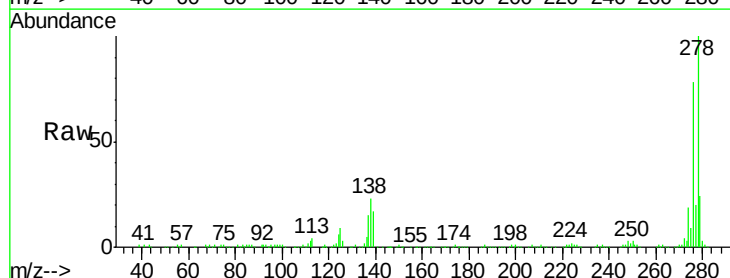
Tgt Ion:278 Resp: 358191

Ion Ratio Lower Upper

278 100

139 17.4 15.9 23.9

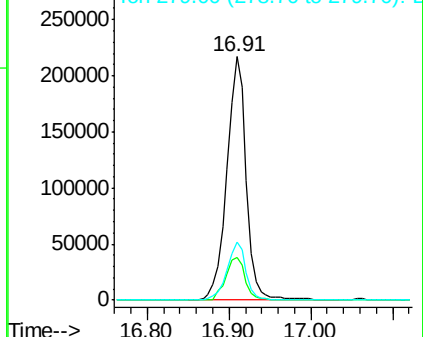
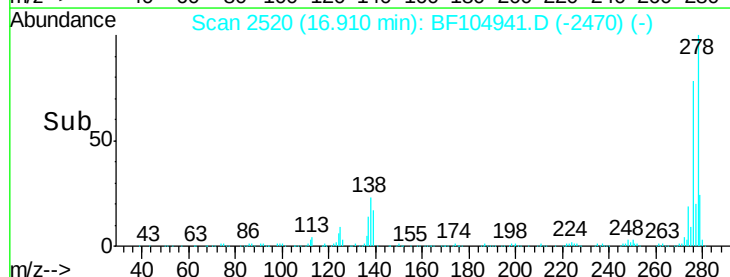
279 23.8 19.0 28.4

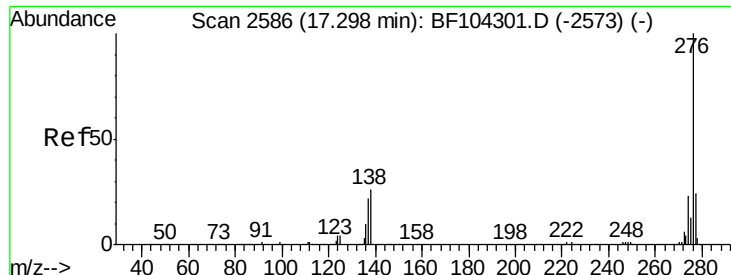


Abundance Ion 278.00 (277.70 to 278.70): E

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: 36.105 ng

RT: 17.34 min Scan# 2594

Delta R.T. -0.01 min

Lab File: BF104941.D

Acq: 30 Apr 2018 19:01

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-018-AMS

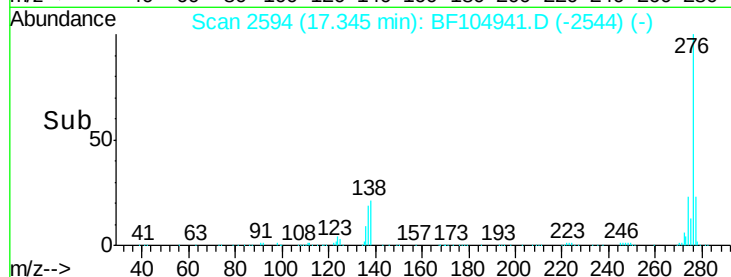
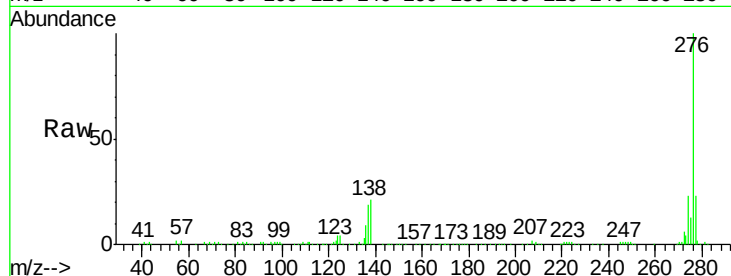
Tot Ion: 276 Resp: 340347

Ion Ratio Lower Upper

276 100

277 22.6 17.9 26.9

138 21.4 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

