

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
 Data File : BF115318.D
 Acq On : 29 Jun 2019 13:06
 Operator : HP/JU
 Sample : K3531-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-043-B

Quant Time: Jun 30 02:14:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 05:26:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	191760	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	752777	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	371445	20.00	ng	0.00
64) Phenanthrene-d10	11.10	188	755339	20.00	ng	0.00
76) Chrysene-d12	13.71	240	666036	20.00	ng	0.00
87) Perylene-d12	15.08	264	689439	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	1103614	88.81	ng	0.00
7) Phenol-d6	6.24	99	1406393	93.25	ng	0.00
23) Nitrobenzene-d5	7.16	82	827801	67.65	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	404032	103.15	ng	0.00
45) 2-Fluorobiphenyl	8.95	172	1560323	71.35	ng	0.00
79) Terphenyl-d14	12.68	244	1851497	59.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.15	88	127	0.022	ng	# 1
3) Pyridine	3.00	79	115	0.007	ng	# 1
6) Aniline	6.25	93	292	0.014	ng	# 1
8) 2-Chlorophenol	6.38	128	322	0.023	ng	# 1
9) Benzaldehyde	6.24	77	2010	0.204	ng	# 1
10) Phenol	6.25	94	5604	0.317	ng	89
11) bis(2-Chloroethyl)ether	6.37	93	1590	0.122	ng	# 1
15) Benzyl Alcohol	6.75	79	13518	1.231	ng	# 38
22) Acetophenone	7.00	105	346	0.020	ng	# 52
24) Nitrobenzene	7.16	77	2517	0.187	ng	# 33
28) bis(2-Chloroethoxy)methane	7.88	93	144	0.009	ng	# 1
31) Naphthalene	7.90	128	5194	0.141	ng	99
33) 4-Chloroaniline	7.90	127	632	0.037	ng	# 47
37) 2-Methylnaphthalene	8.59	142	2092	0.084	ng	88
38) 1-Methylnaphthalene	8.69	142	1314	0.055	ng	# 83
46) 1,1'-Biphenyl	9.05	154	3419	0.115	ng	93
47) 2-Chloronaphthalene	9.35	162	923	0.038	ng	# 1
48) 2-Nitroaniline	9.35	65	1577	0.224	ng	# 1
49) Acenaphthylene	9.48	152	7355	0.196	ng	98
50) Dimethylphthalate	9.35	163	179834	6.581	ng	99
51) 2,6-Dinitrotoluene	9.35	165	1818	0.288	ng	# 18
52) Acenaphthene	9.65	154	2402	0.102	ng	90
55) Dibenzofuran	9.82	168	2978	0.088	ng	# 87
56) 4-Nitrophenol	9.82	139	1100	0.178	ng	# 11
60) Diethylphthalate	10.05	149	939	0.034	ng	# 83
63) Azobenzene	10.32	77	1231	0.048	ng	# 1
66) n-Nitrosodiphenylamine	10.28	169	621	0.026	ng	# 71
71) Phenanthrene	11.12	178	48548	1.194	ng	96
72) Anthracene	11.17	178	15632	0.381	ng	96
73) Carbazole	11.32	167	5637	0.154	ng	97
74) Di-n-butylphthalate	11.67	149	4636	0.109	ng	# 91
75) Fluoranthene	12.30	202	113830	2.805	ng	96
77) Benzidine	12.42	184	881	0.030	ng	# 1
78) Pyrene	12.52	202	117130	2.288	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Butylbenzylphthalate	13.16	149	1142	0.051	ng	# 77
81) Benzo(a)anthracene	13.70	228	63169	1.322	ng	95
82) 3,3'-Dichlorobenzidine	13.68	252	935	0.054	ng	# 43
83) Chrysene	13.74	228	60580	1.384	ng	96
84) Bis(2-ethylhexyl)phthalate	13.72	149	6444	0.218	ng	# 88
85) Di-n-octyl phthalate	14.34	149	812	0.016	ng	# 1
86) Indeno(1,2,3-cd)pyrene	16.33	276	31663	0.611	ng	99
90) Benzo(a)pyrene	15.02	252	54289	1.400	ng	# 95
91) Dibenzo(a,h)anthracene	16.35	278	8715	0.241	ng	# 62
92) Benzo(g,h,i)perylene	16.71	276	28756	0.785	ng	95

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

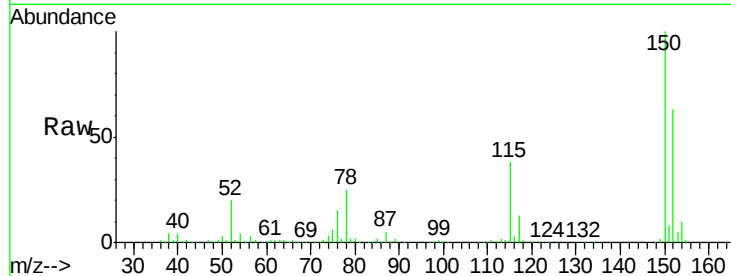


#1

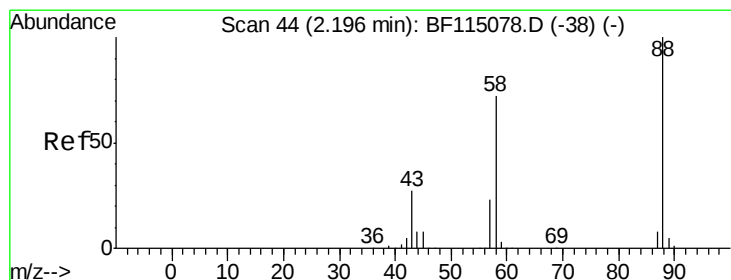
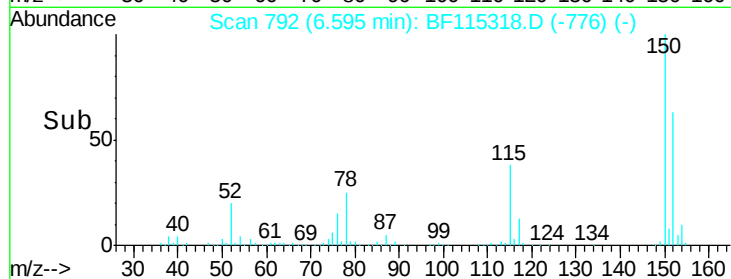
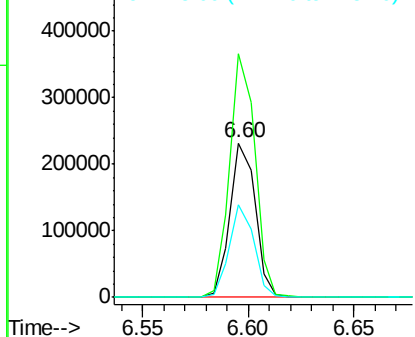
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF115318.D
Acq: 29 Jun 2019 13:06

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-043-B

Tgt Ion: 152 Resp: 191760
Ion Ratio Lower Upper
152 100
150 157.9 124.2 186.2
115 60.2 46.1 69.1



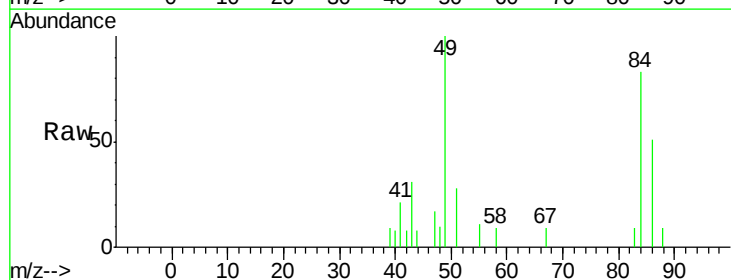
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



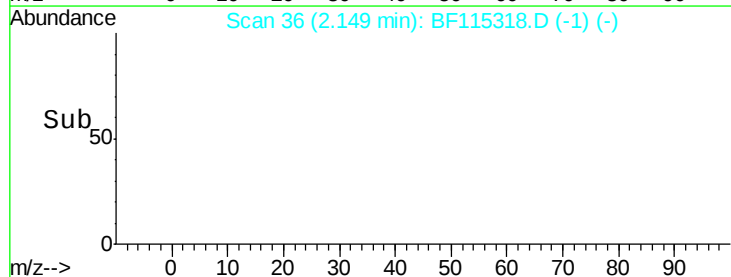
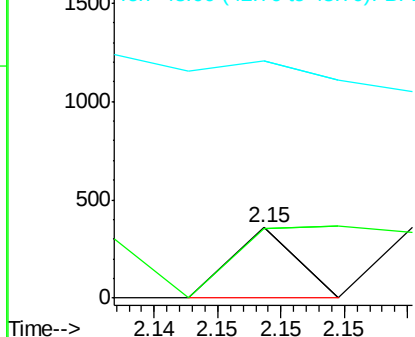
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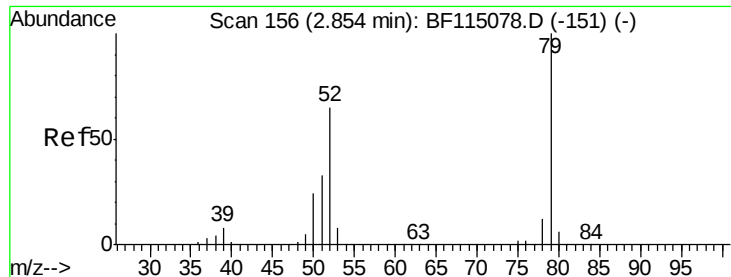
1,4-Dioxane
Concen: 0.022 ng
RT: 2.15 min Scan# 36
Delta R.T. -0.01 min
Lab File: BF115318.D
Acq: 29 Jun 2019 13:06

Tgt Ion: 88 Resp: 127
Ion Ratio Lower Upper
88 100
58 291.3 56.1 84.1#
43 0.0 21.3 31.9#



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

Pyridine

Concen: 0.007 ng

RT: 3.00 min Scan# 180

Delta R.T. 0.19 min

Lab File: BF115318.D

Acq: 29 Jun 2019 13:06

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-043-B

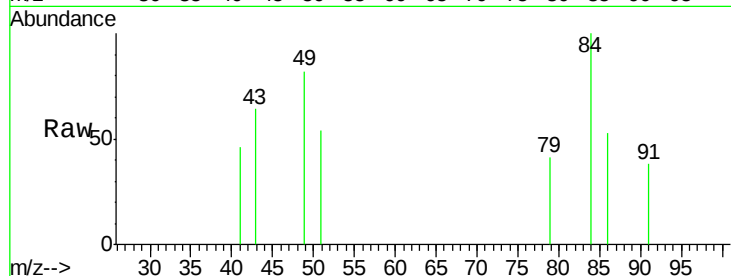
Tgt Ion: 79 Resp: 115

Ion Ratio Lower Upper

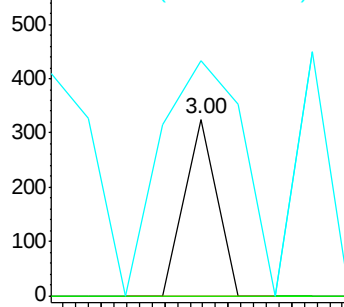
79 100

52 0.0 52.3 78.5#

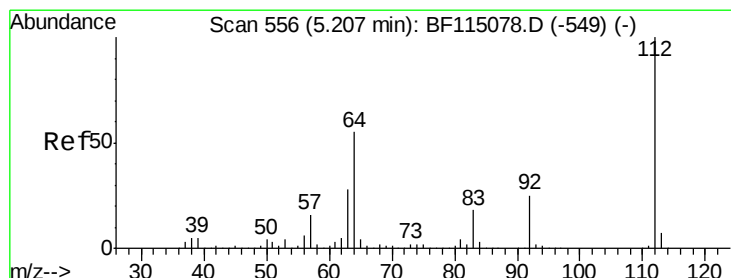
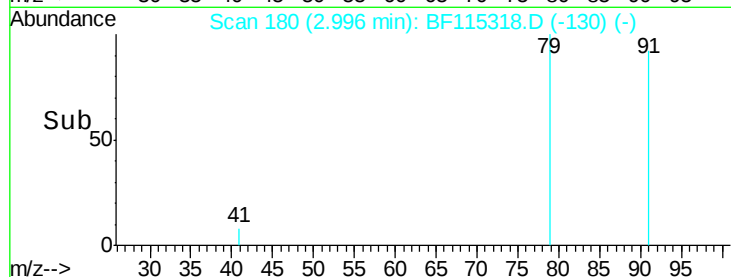
51 132.9 26.1 39.1#



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



Time-->



#5

2-Fluorophenol

Concen: 88.812 ng

RT: 5.19 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF115318.D

Acq: 29 Jun 2019 13:06

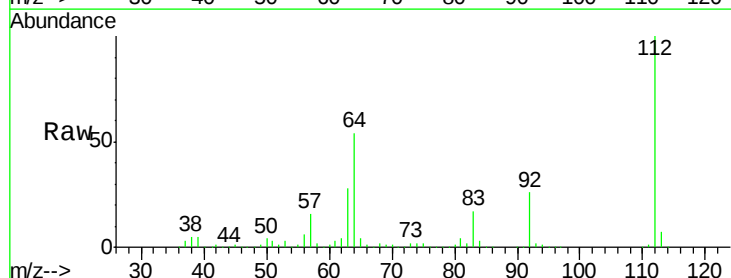
Tgt Ion: 112 Resp: 1103614

Ion Ratio Lower Upper

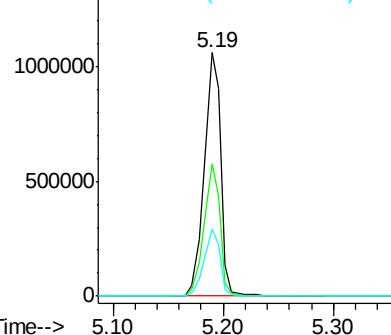
112 100

64 54.2 43.8 65.6

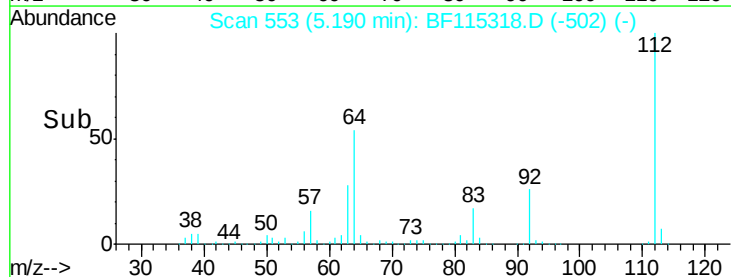
63 27.7 22.2 33.4

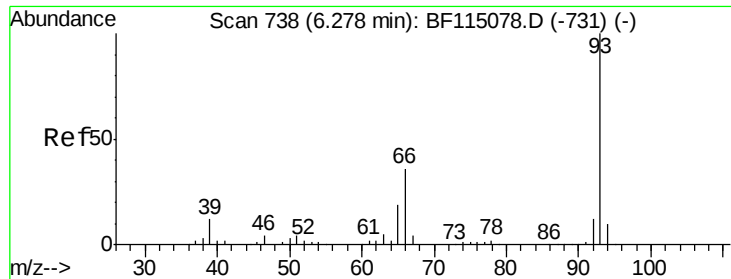


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



Time-->





#6

Aniline

Concen: 0.014 ng

RT: 6.25 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF115318.D

Acq: 29 Jun 2019 13:06

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-043-B

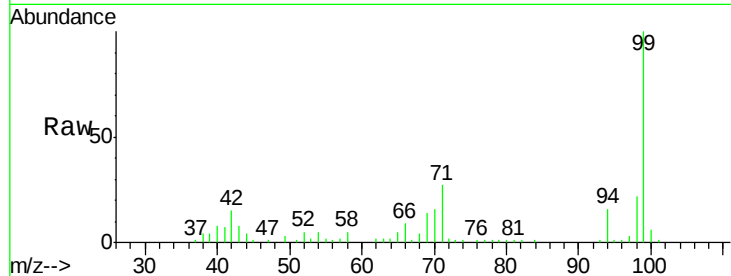
Tgt Ion: 93 Resp: 292

Ion Ratio Lower Upper

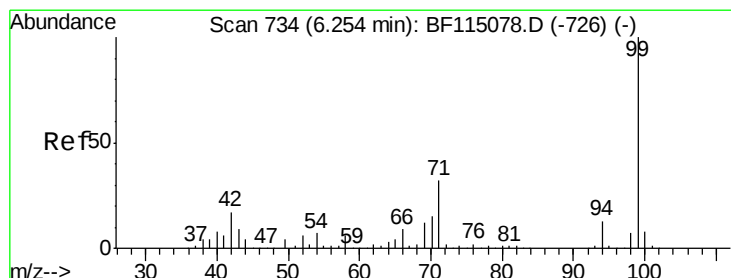
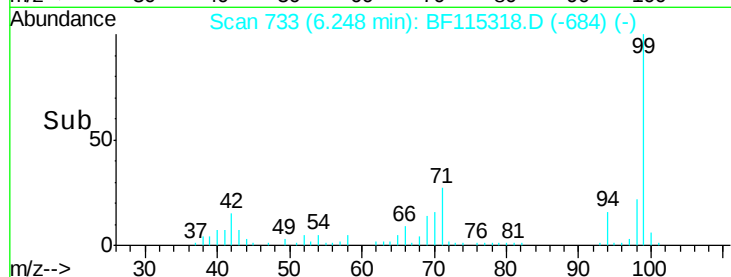
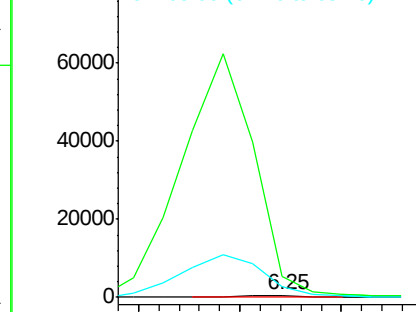
93 100

66 1011.1 30.0 45.0#

65 552.2 15.6 23.4#



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: 93.246 ng

RT: 6.24 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF115318.D

Acq: 29 Jun 2019 13:06

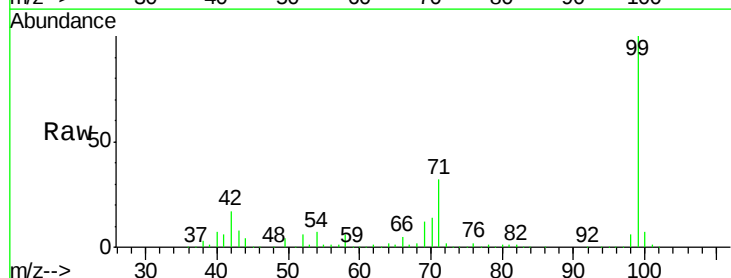
Tgt Ion: 99 Resp: 1406393

Ion Ratio Lower Upper

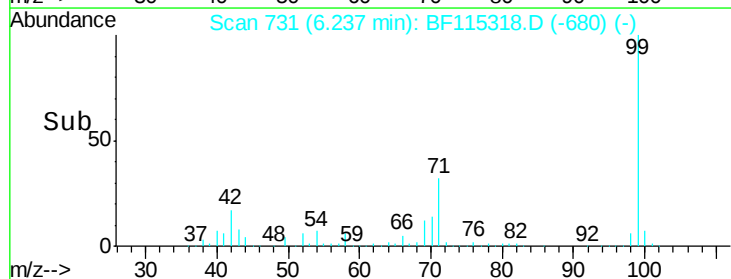
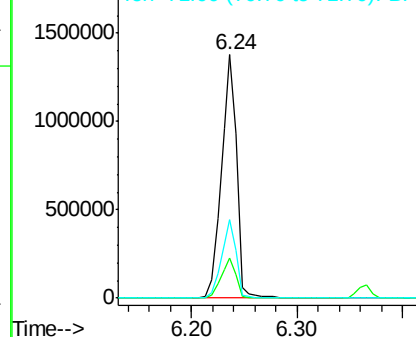
99 100

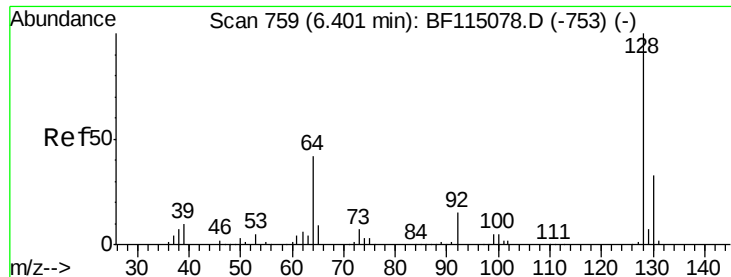
42 16.7 13.6 20.4

71 32.1 25.5 38.3



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

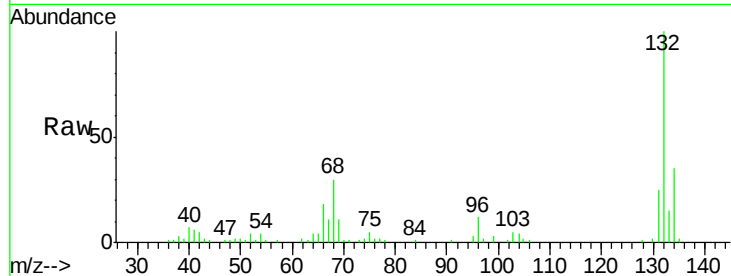




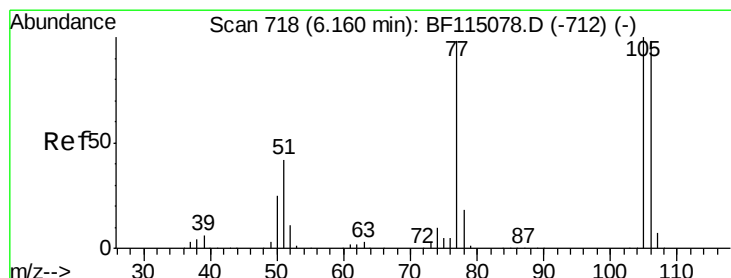
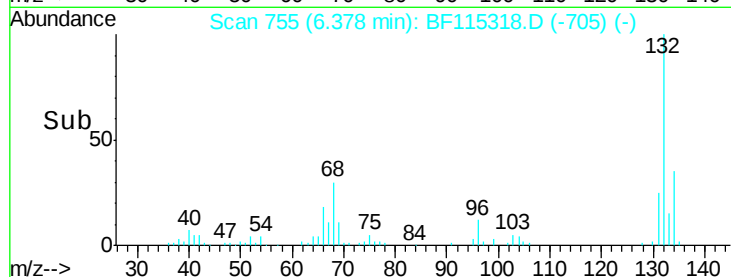
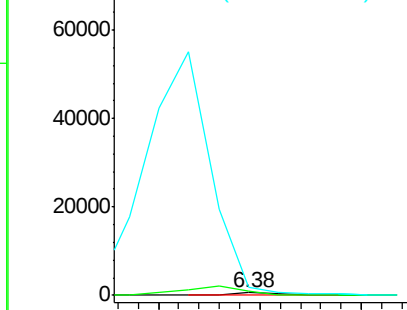
#8
2-Chlorophenol
Concen: 0.023 ng
RT: 6.38 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF115318.D
Acq: 29 Jun 2019 13:06

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-043-B

Tgt Ion:128 Resp: 322
Ion Ratio Lower Upper
128 100
130 169.2 12.9 52.9#
64 360.1 22.9 62.9#

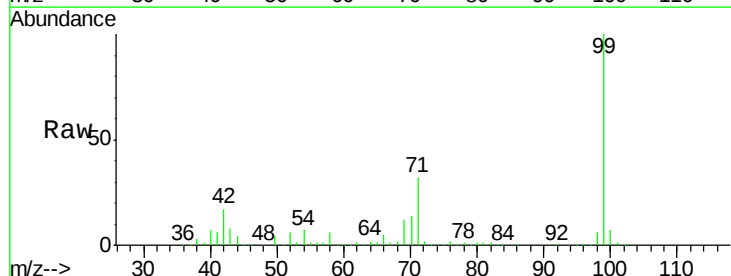


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1

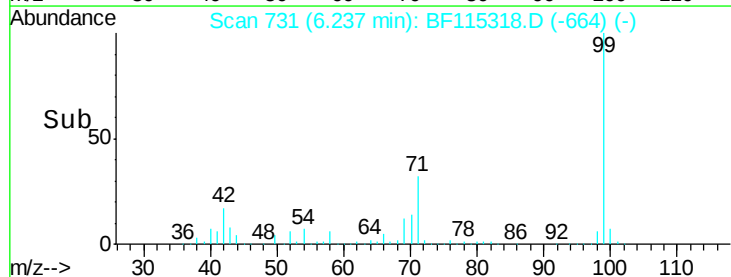
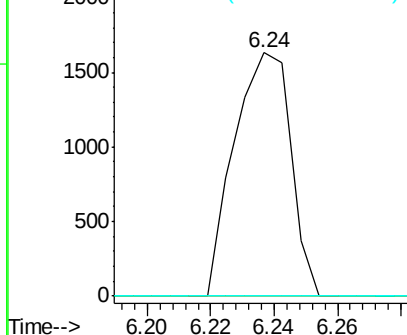


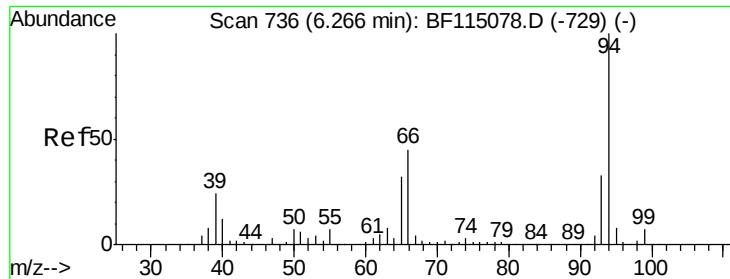
#9
Benzaldehyde
Concen: 0.204 ng
RT: 6.24 min Scan# 731
Delta R.T. 0.09 min
Lab File: BF115318.D
Acq: 29 Jun 2019 13:06

Tgt Ion: 77 Resp: 2010
Ion Ratio Lower Upper
77 100
105 0.0 81.5 121.5#
106 0.0 79.7 119.7#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.317 ng

RT: 6.25 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF115318.D

Acq: 29 Jun 2019 13:06

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-043-B

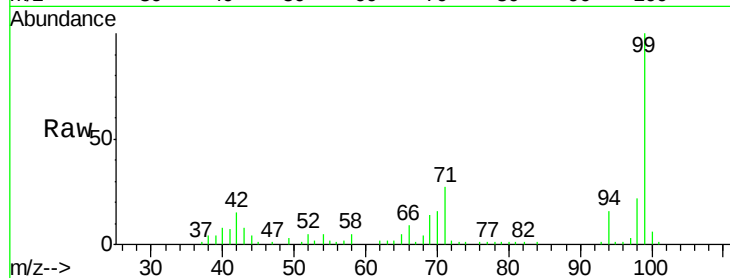
Tgt Ion: 94 Resp: 5604

Ion Ratio Lower Upper

94 100

65 30.7 11.9 51.9

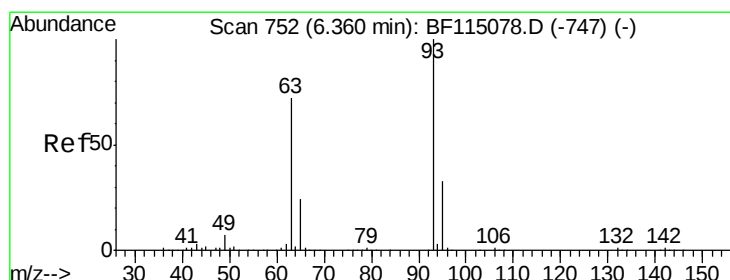
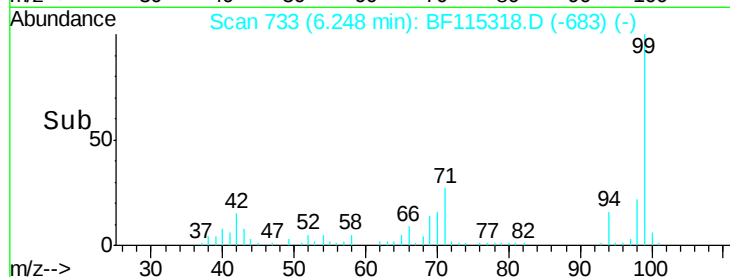
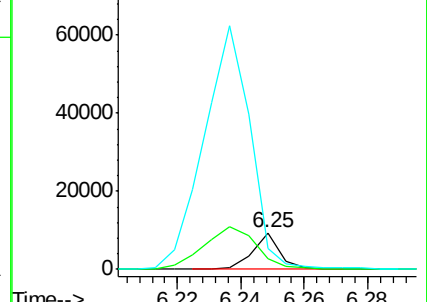
66 56.2 25.2 65.2



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: 0.122 ng

RT: 6.37 min Scan# 753

Delta R.T. 0.02 min

Lab File: BF115318.D

Acq: 29 Jun 2019 13:06

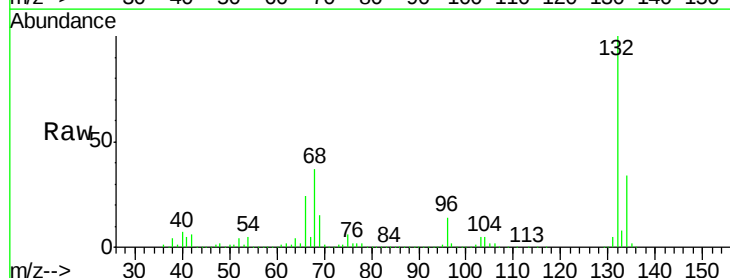
Tgt Ion: 93 Resp: 1590

Ion Ratio Lower Upper

93 100

63 686.5 51.5 91.5#

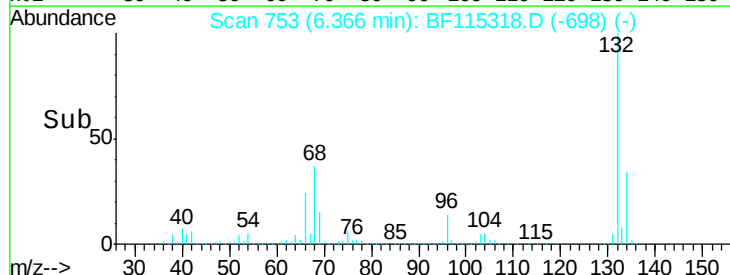
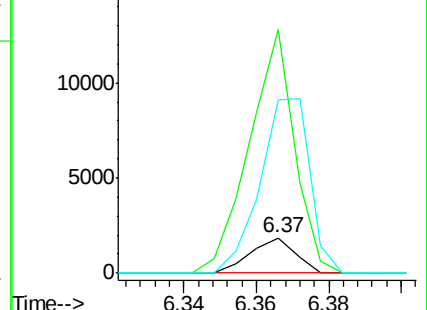
95 487.8 13.4 53.4#

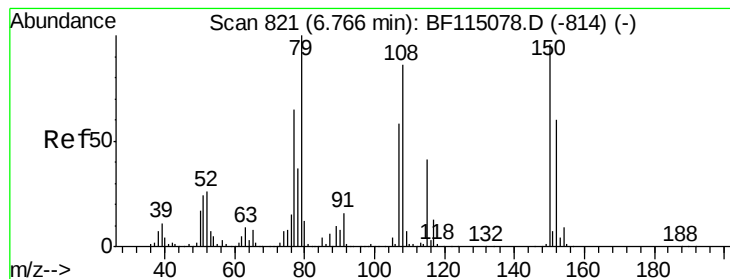


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1





#15

Benzyl Alcohol

Concen: 1.231 ng

RT: 6.75 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF115318.D

Acq: 29 Jun 2019 13:06

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-043-B

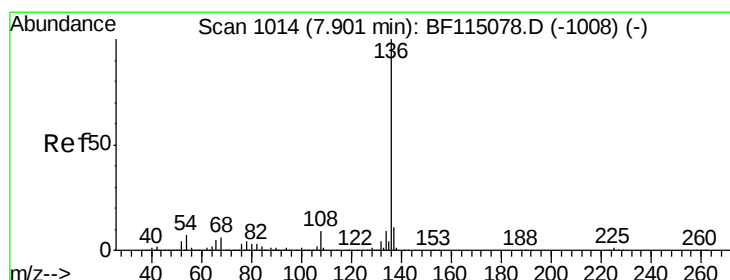
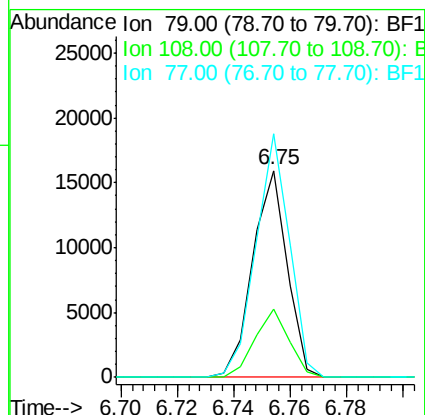
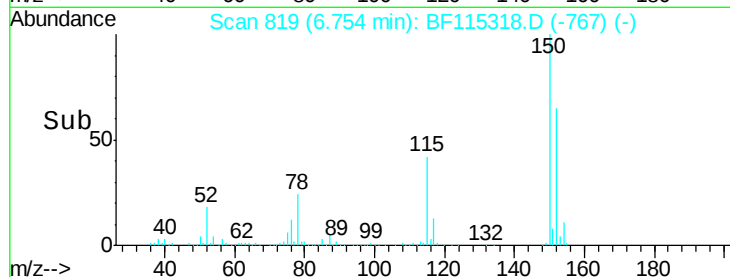
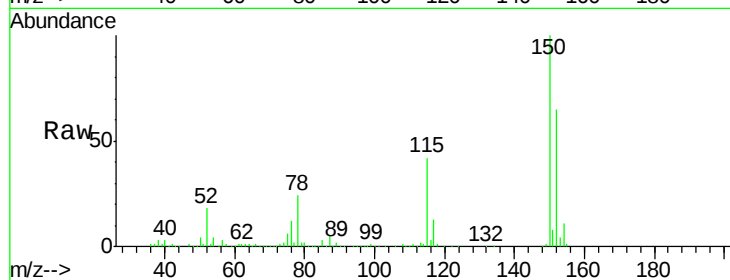
Tgt Ion: 79 Resp: 13518

Ion Ratio Lower Upper

79 100

108 33.2 68.7 103.1#

77 117.6 51.7 77.5#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.88 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF115318.D

Acq: 29 Jun 2019 13:06

Tgt Ion: 136 Resp: 752777

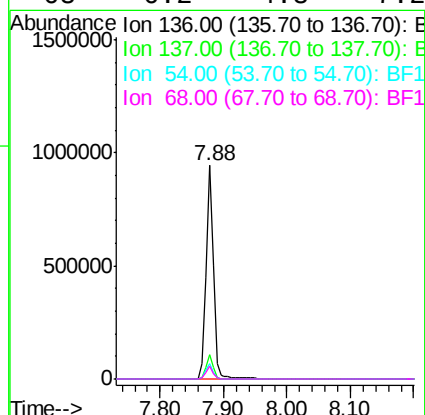
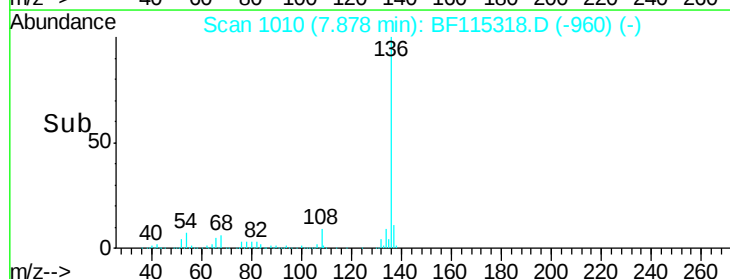
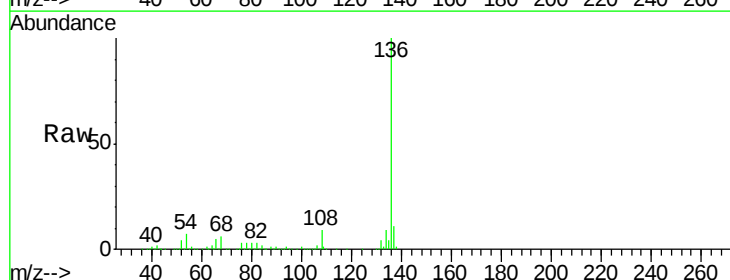
Ion Ratio Lower Upper

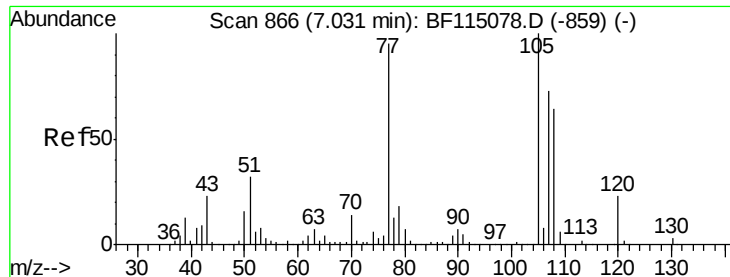
136 100

137 11.3 8.9 13.3

54 7.0 5.6 8.4

68 6.2 4.8 7.2

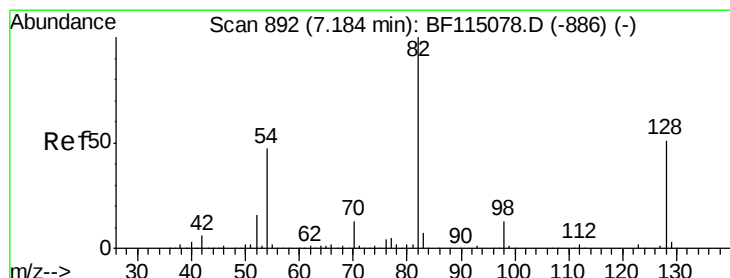
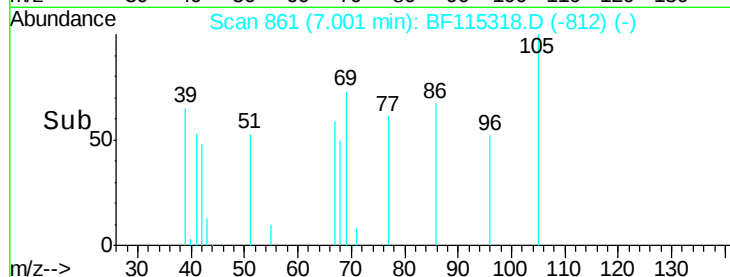
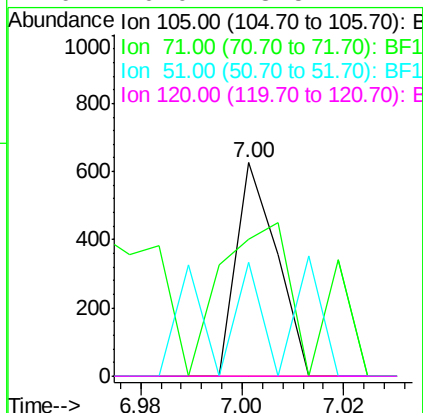
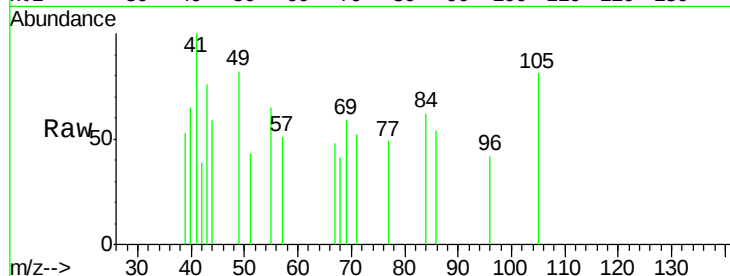




#22
Acetophenone
Concen: 0.020 ng
RT: 7.00 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF115318.D
Acq: 29 Jun 2019 13:06

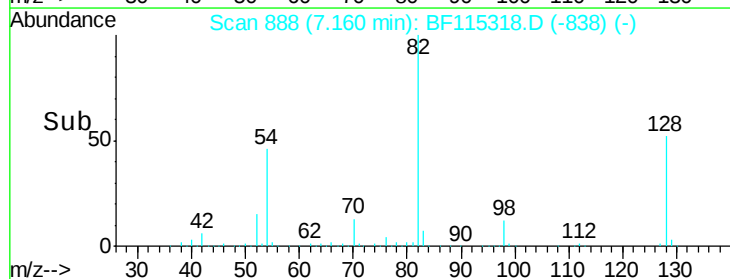
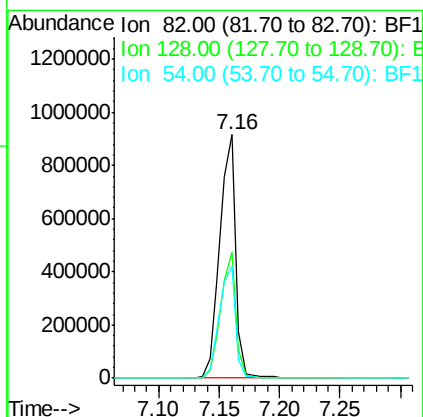
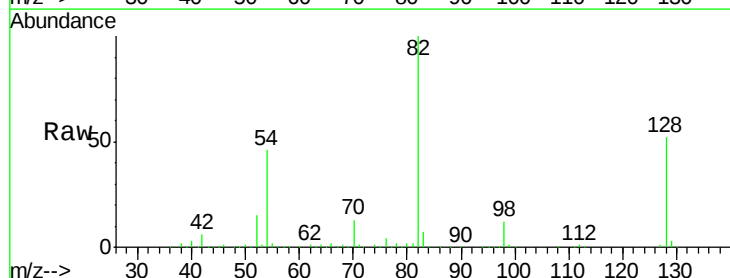
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-043-B

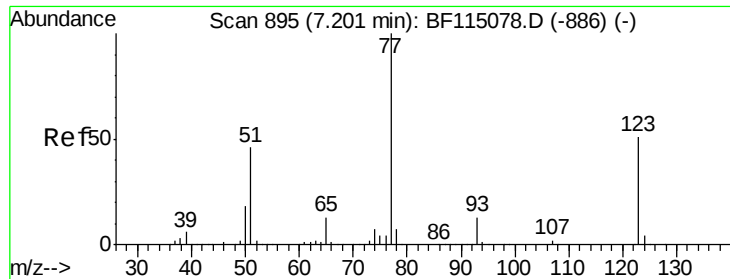
Tgt Ion: 105 Resp: 346
Ion Ratio Lower Upper
105 100
71 64.1 1.9 2.9#
51 53.4 25.8 38.8#
120 0.0 18.5 27.7#



#23
Nitrobenzene-d5
Concen: 67.646 ng
RT: 7.16 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF115318.D
Acq: 29 Jun 2019 13:06

Tgt Ion: 82 Resp: 827801
Ion Ratio Lower Upper
82 100
128 51.7 40.4 60.6
54 46.1 37.5 56.3





#24

Nitrobenzene

Concen: 0.187 ng

RT: 7.16 min Scan# 888

Delta R.T. -0.02 min

Lab File: BF115318.D

Acq: 29 Jun 2019 13:06

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-043-B

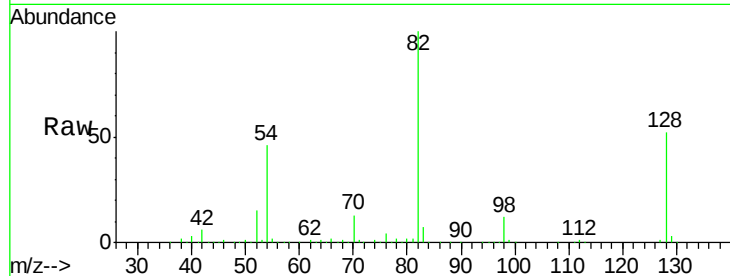
Tgt Ion: 77 Resp: 2517

Ion Ratio Lower Upper

77 100

123 0.0 41.0 61.6#

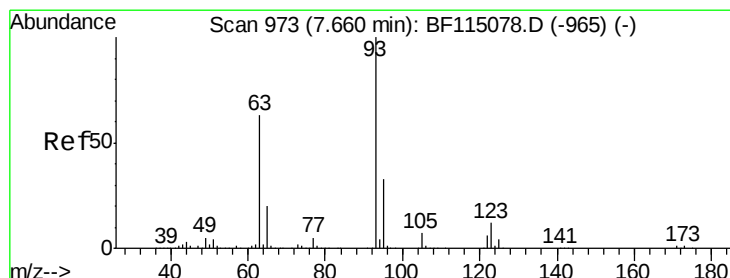
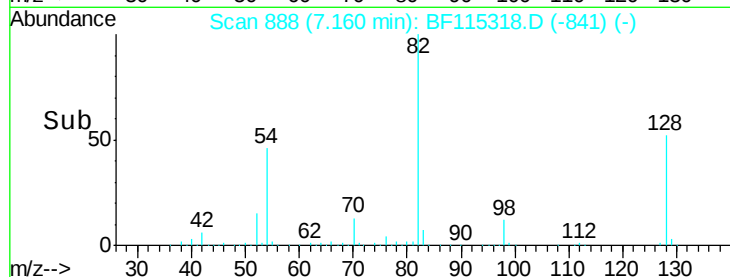
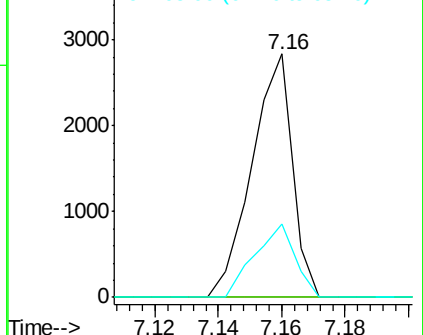
65 30.2 10.5 15.7#



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



#28

bis(2-Chloroethoxy)methane

Concen: 0.009 ng

RT: 7.88 min Scan# 1010

Delta R.T. 0.24 min

Lab File: BF115318.D

Acq: 29 Jun 2019 13:06

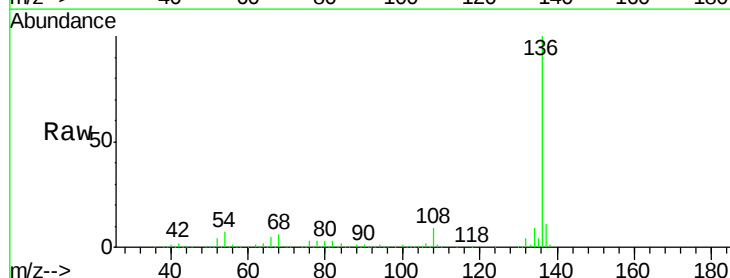
Tgt Ion: 93 Resp: 144

Ion Ratio Lower Upper

93 100

95 243.4 26.2 39.4#

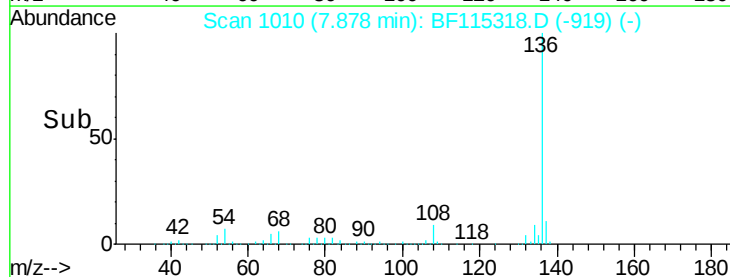
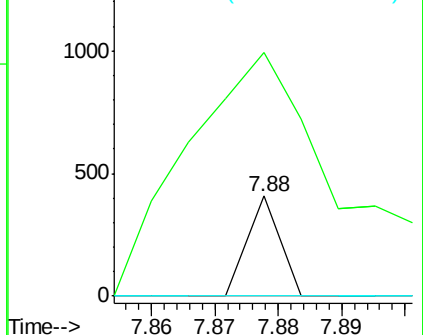
123 0.0 9.7 14.5#

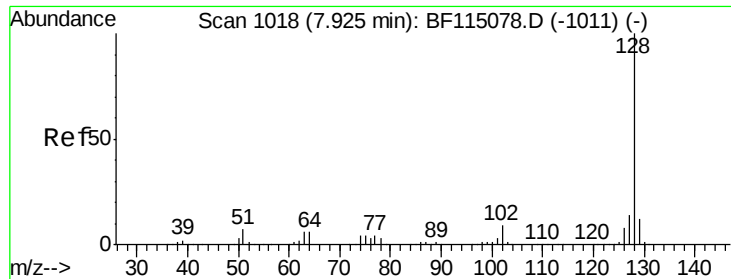


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

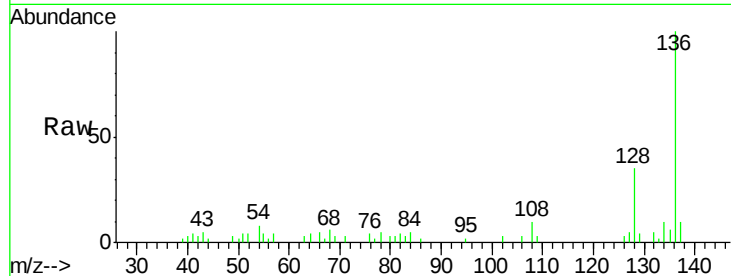




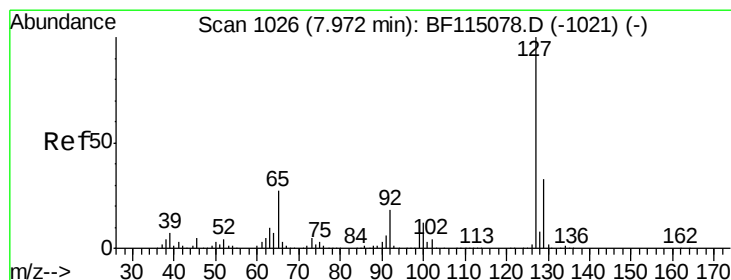
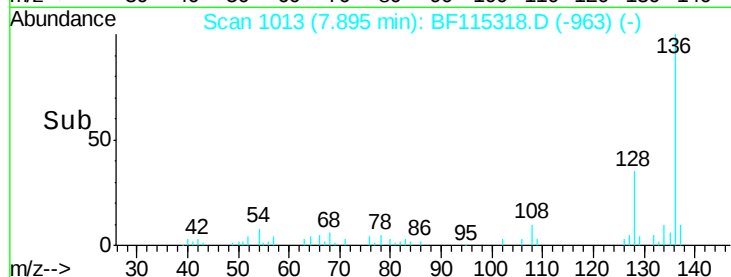
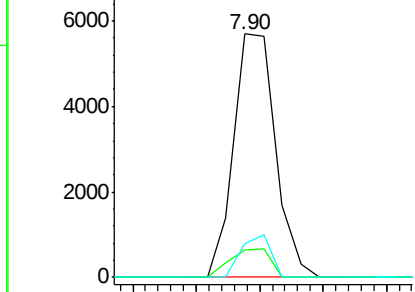
#31
Naphthalene
Concen: 0.141 ng
RT: 7.90 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF115318.D
Acq: 29 Jun 2019 13:06

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-043-B

Tgt Ion:128 Resp: 5194
Ion Ratio Lower Upper
128 100
129 11.1 9.6 14.4
127 14.0 11.4 17.0

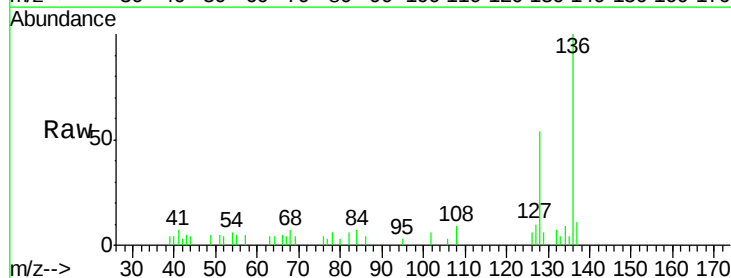


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

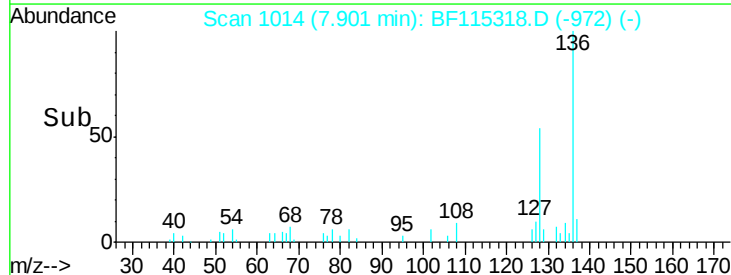
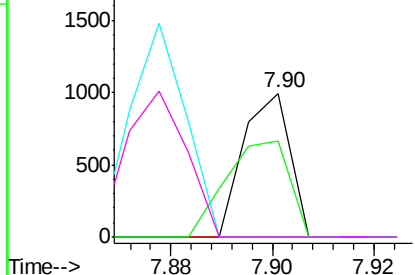


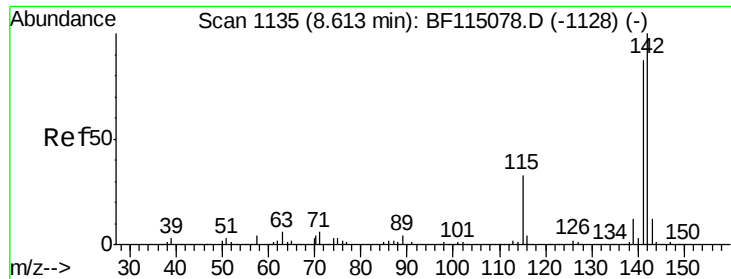
#33
4-Chloroaniline
Concen: 0.037 ng
RT: 7.90 min Scan# 1014
Delta R.T. -0.05 min
Lab File: BF115318.D
Acq: 29 Jun 2019 13:06

Tgt Ion:127 Resp: 632
Ion Ratio Lower Upper
127 100
129 67.2 26.1 39.1#
65 0.0 21.4 32.2#
92 0.0 14.1 21.1#



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

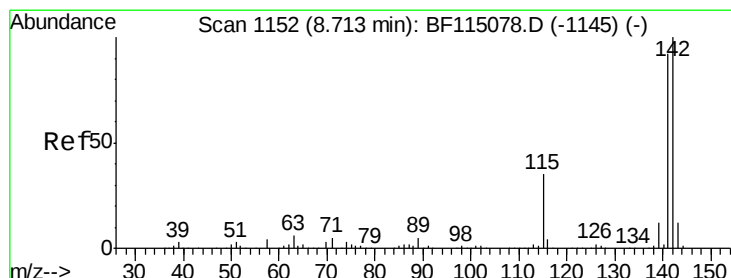
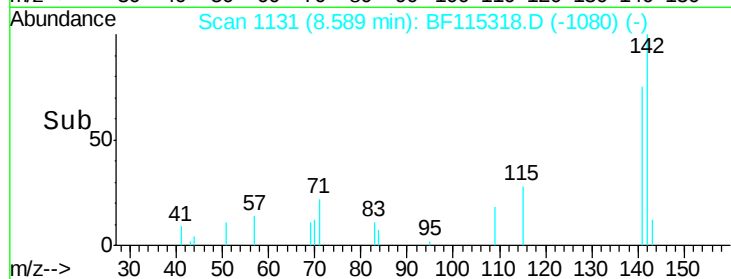
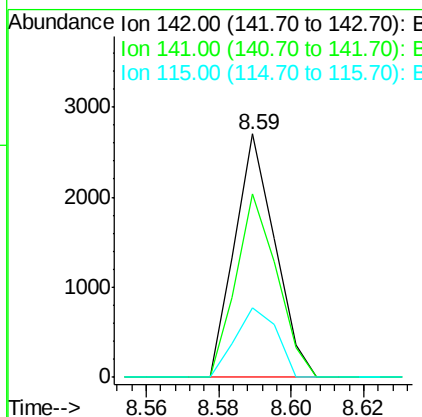
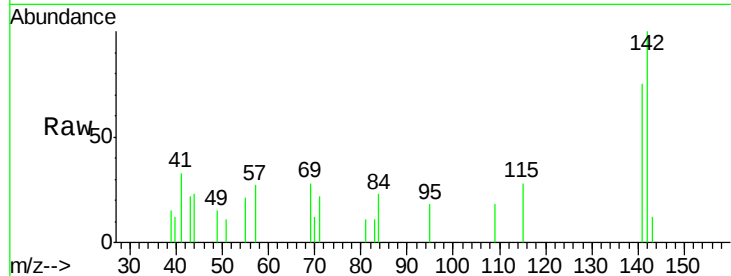




#37
 2-Methylnaphthalene
 Concen: 0.084 ng
 RT: 8.59 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: BF115318.D
 Acq: 29 Jun 2019 13:06

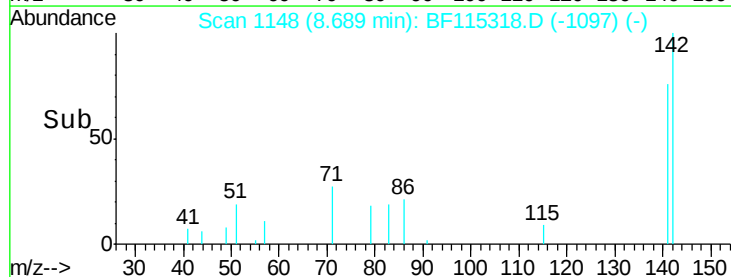
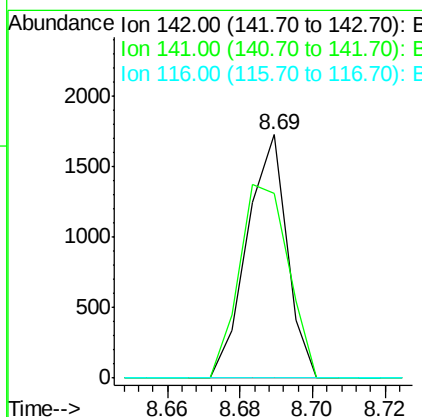
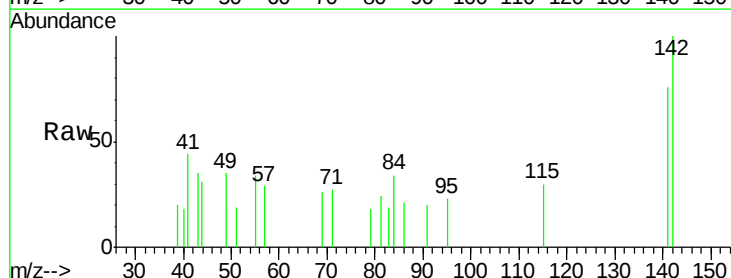
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-043-B

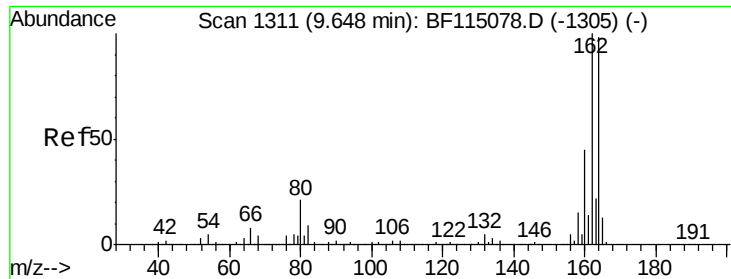
Tgt Ion:142 Resp: 2092
 Ion Ratio Lower Upper
 142 100
 141 75.4 69.8 104.6
 115 28.3 26.7 40.1



#38
 1-Methylnaphthalene
 Concen: 0.055 ng
 RT: 8.69 min Scan# 1148
 Delta R.T. 0.00 min
 Lab File: BF115318.D
 Acq: 29 Jun 2019 13:06

Tgt Ion:142 Resp: 1314
 Ion Ratio Lower Upper
 142 100
 141 75.9 73.8 110.8
 116 0.0 2.8 4.2#

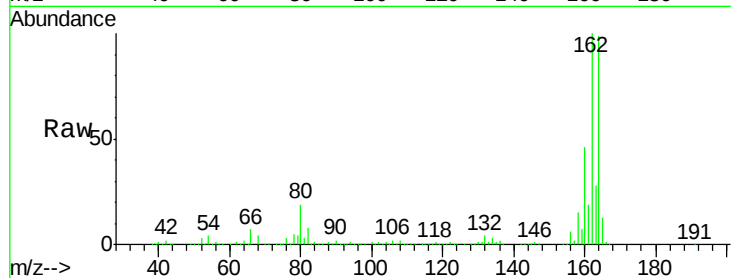




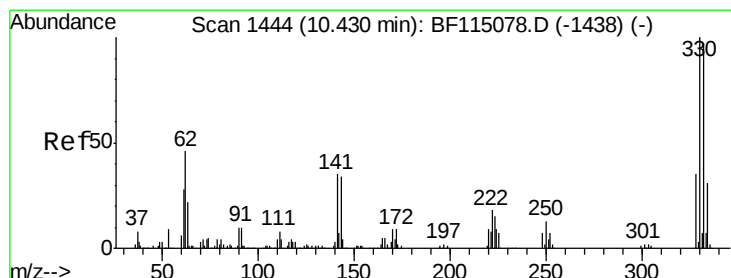
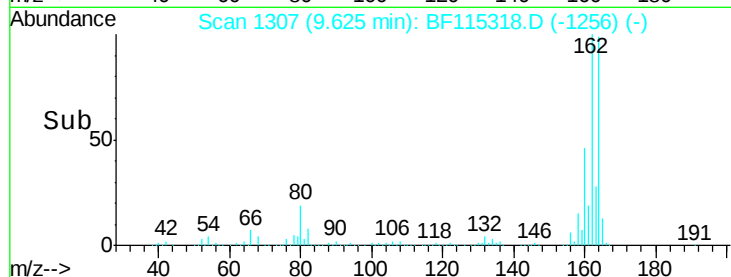
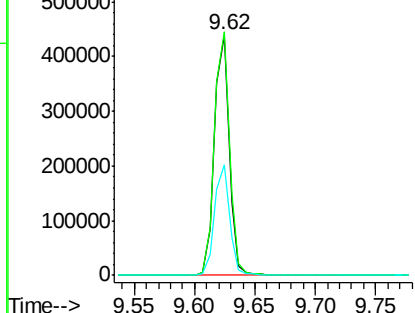
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.62 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF115318.D
Acq: 29 Jun 2019 13:06

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-043-B

Tgt Ion:164 Resp: 371445
Ion Ratio Lower Upper
164 100
162 101.3 81.7 122.5
160 46.2 37.0 55.4

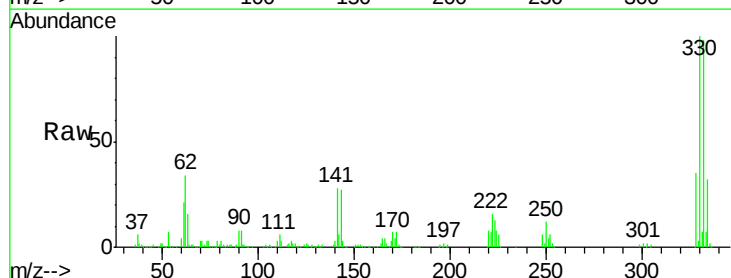


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

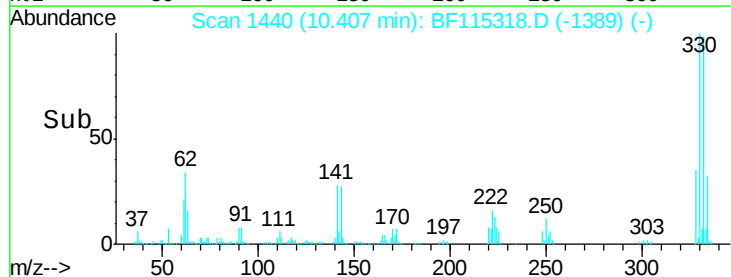
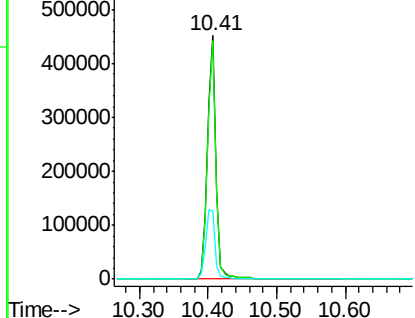


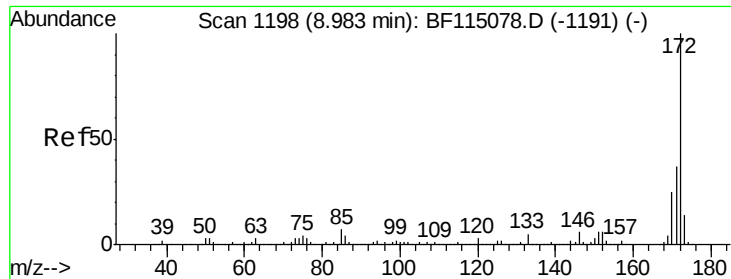
#42
2,4,6-Tribromophenol
Concen: 103.148 ng
RT: 10.41 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF115318.D
Acq: 29 Jun 2019 13:06

Tgt Ion:330 Resp: 404032
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 32.3 28.2 42.2



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

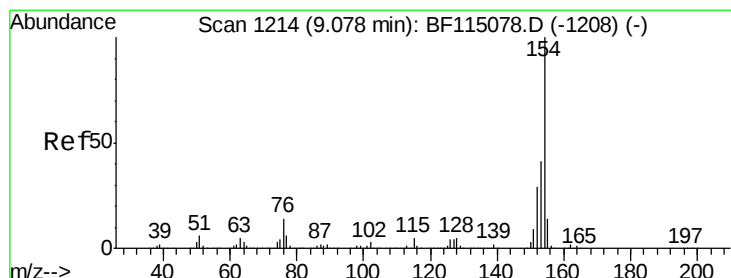
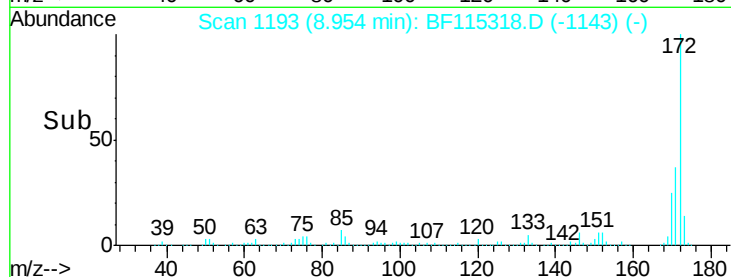
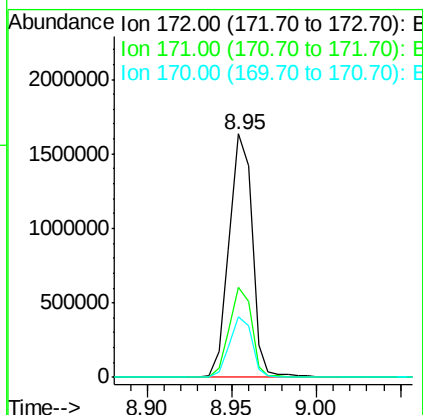
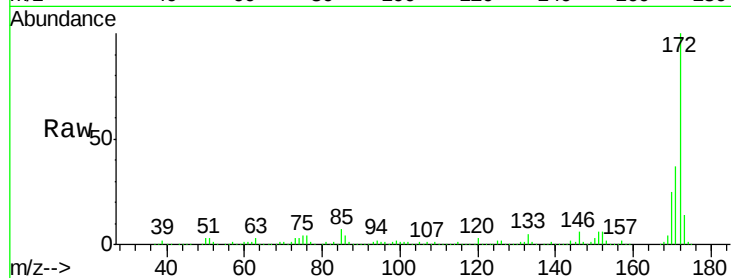




#45
 2-Fluorobiphenyl
 Concen: 71.354 ng
 RT: 8.95 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF115318.D
 Acq: 29 Jun 2019 13:06

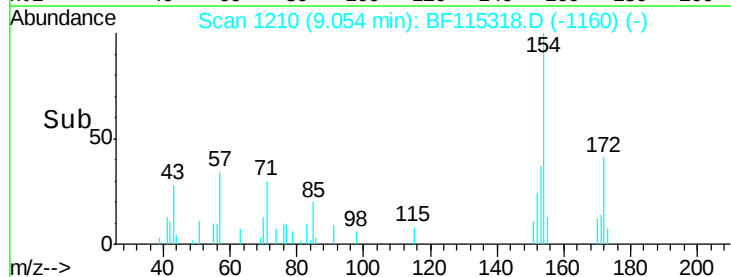
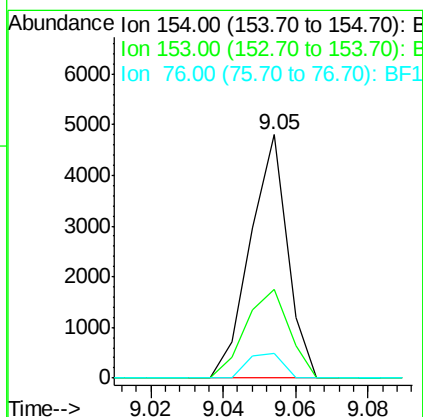
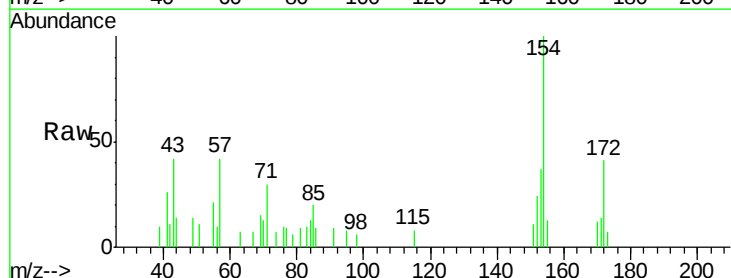
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-043-B

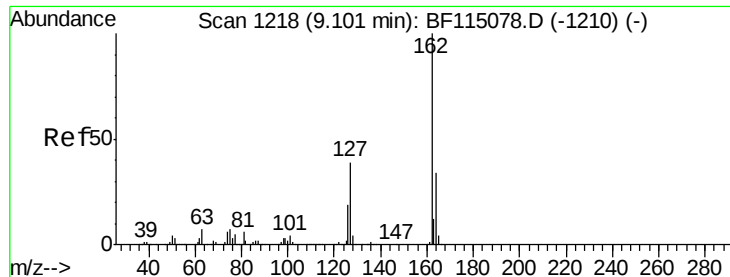
Tgt Ion:172 Resp: 1560323
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.8 44.6
 170 24.6 20.3 30.5



#46
 1,1'-Biphenyl
 Concen: 0.115 ng
 RT: 9.05 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF115318.D
 Acq: 29 Jun 2019 13:06

Tgt Ion:154 Resp: 3419
 Ion Ratio Lower Upper
 154 100
 153 36.6 20.9 60.9
 76 10.3 0.0 34.1

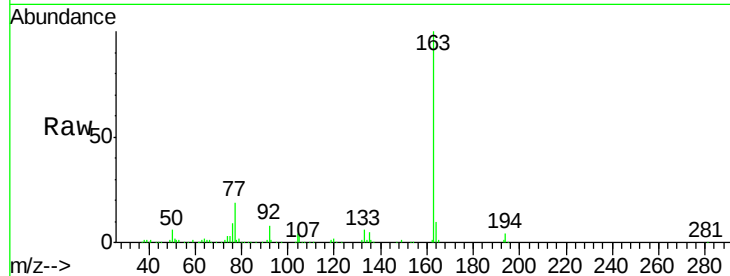




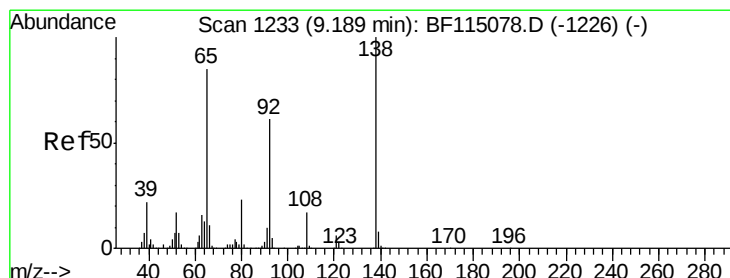
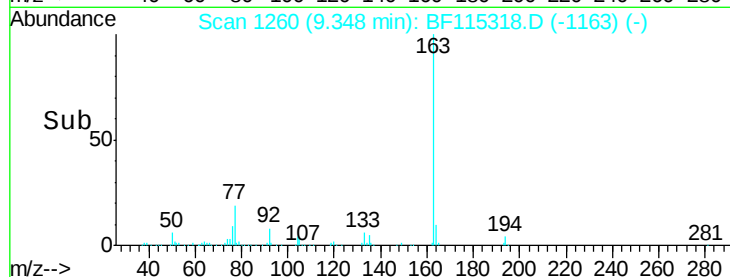
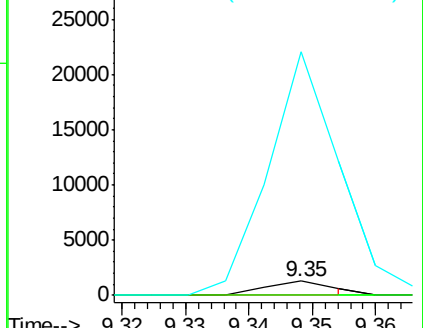
#47
 2-Chloronaphthalene
 Concen: 0.038 ng
 RT: 9.35 min Scan# 1260
 Delta R.T. 0.27 min
 Lab File: BF115318.D
 Acq: 29 Jun 2019 13:06

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-043-B

Tgt Ion: 162 Resp: 923
 Ion Ratio Lower Upper
 162 100
 127 0.0 30.8 46.2#
 164 1724.5 27.0 40.4#

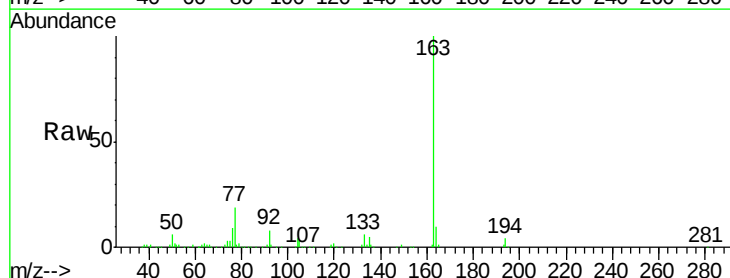


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

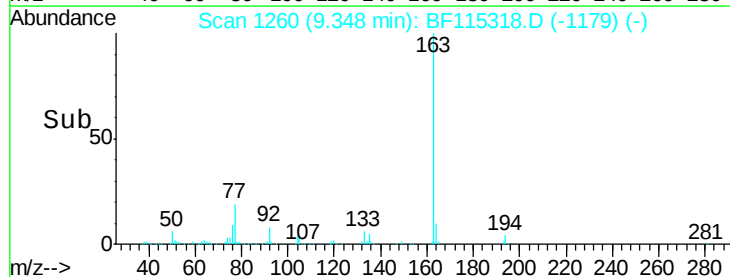
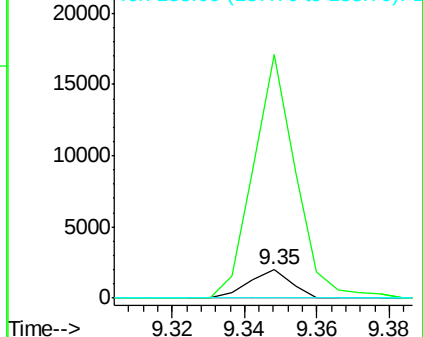


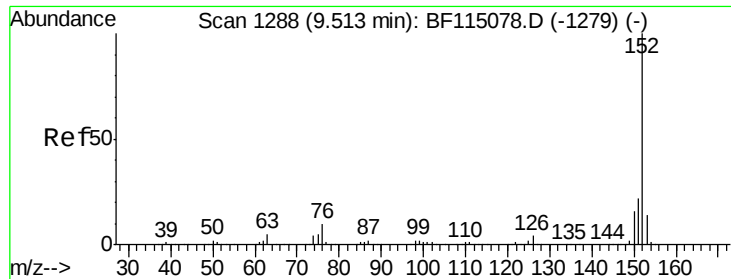
#48
 2-Nitroaniline
 Concen: 0.224 ng
 RT: 9.35 min Scan# 1260
 Delta R.T. 0.18 min
 Lab File: BF115318.D
 Acq: 29 Jun 2019 13:06

Tgt Ion: 65 Resp: 1577
 Ion Ratio Lower Upper
 65 100
 92 857.8 57.4 86.2#
 138 0.0 94.1 141.1#



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 0.196 ng

RT: 9.48 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF115318.D

Acq: 29 Jun 2019 13:06

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-043-B

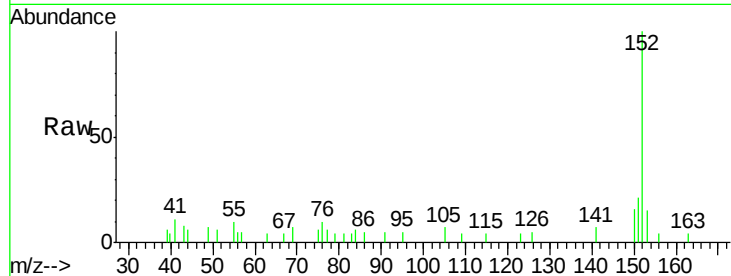
Tgt Ion:152 Resp: 7355

Ion Ratio Lower Upper

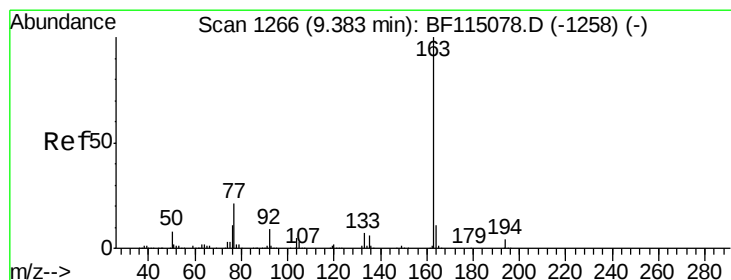
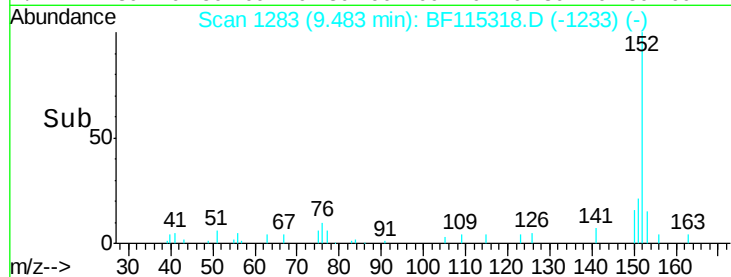
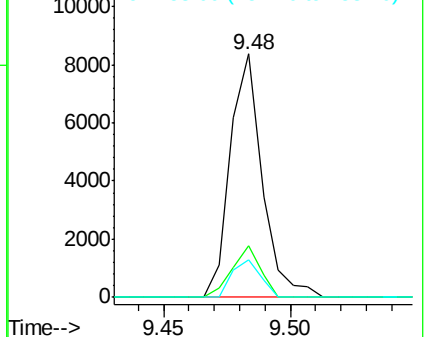
152 100

151 21.4 17.2 25.8

153 15.3 11.0 16.6



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



#50

Dimethylphthalate

Concen: 6.581 ng

RT: 9.35 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BF115318.D

Acq: 29 Jun 2019 13:06

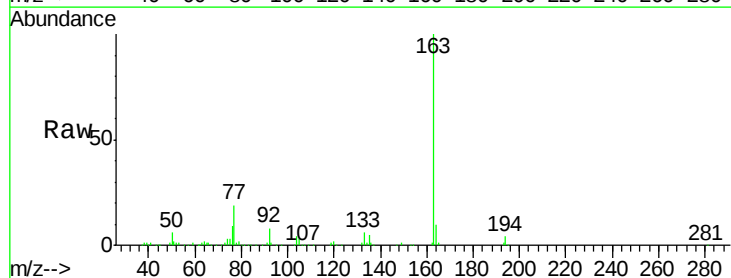
Tgt Ion:163 Resp: 179834

Ion Ratio Lower Upper

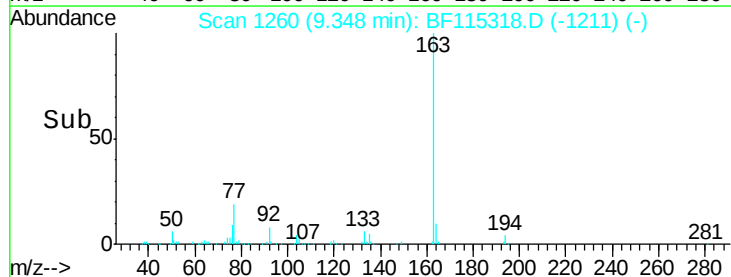
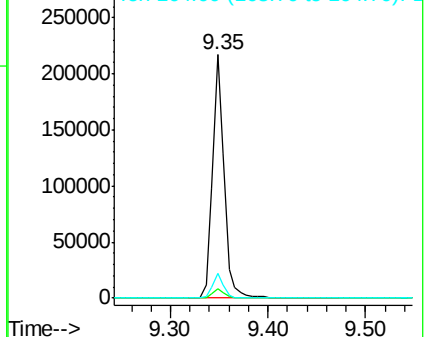
163 100

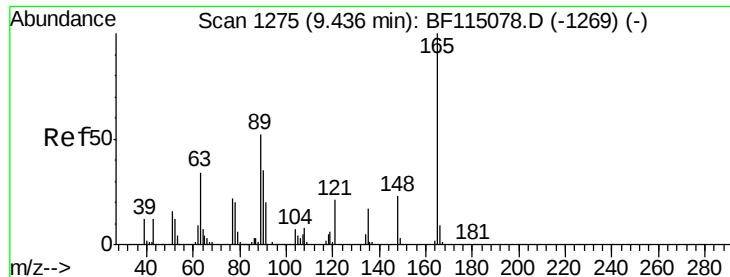
194 3.8 3.2 4.8

164 10.2 8.6 13.0



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





#51

2,6-Dinitrotoluene

Concen: 0.288 ng

RT: 9.35 min Scan# 1260

Delta R.T. -0.06 min

Lab File: BF115318.D

Acq: 29 Jun 2019 13:06

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-043-B

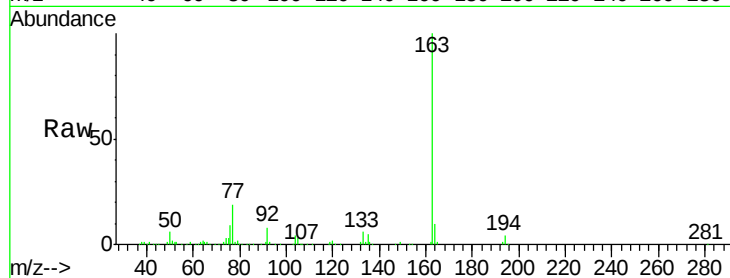
Tgt Ion:165 Resp: 1818

Ion Ratio Lower Upper

165 100

63 134.0 39.4 59.2#

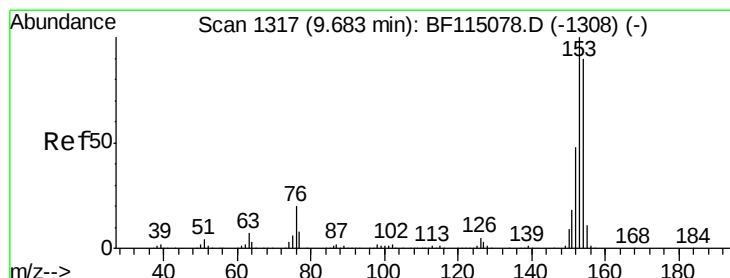
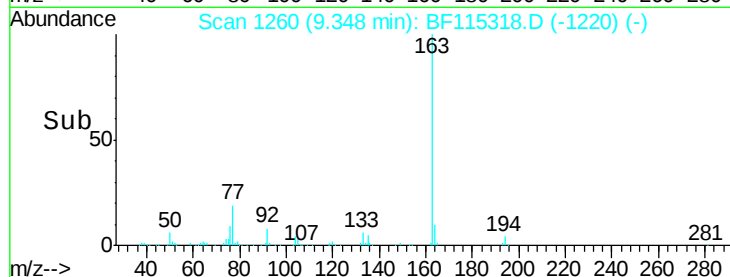
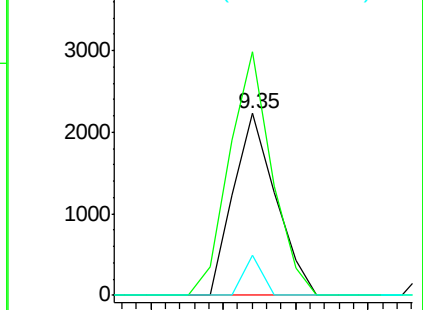
89 21.7 42.0 63.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 0.102 ng

RT: 9.65 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF115318.D

Acq: 29 Jun 2019 13:06

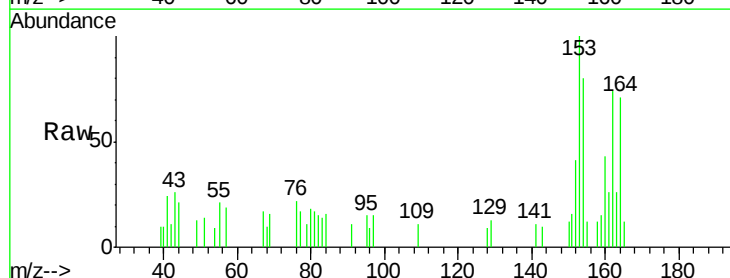
Tgt Ion:154 Resp: 2402

Ion Ratio Lower Upper

154 100

153 124.5 88.7 133.1

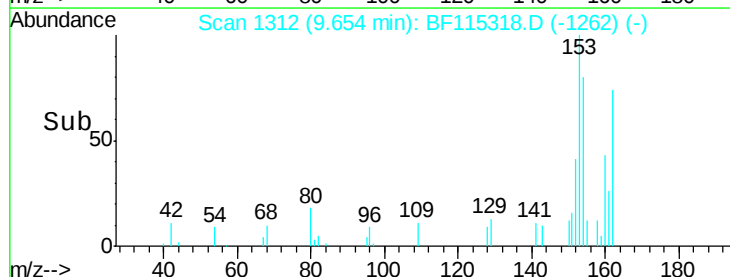
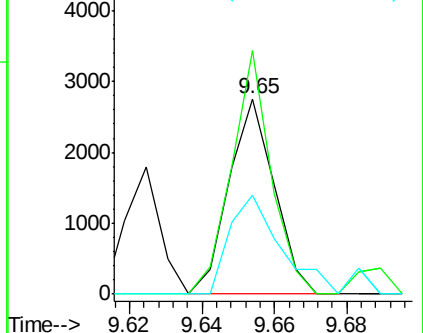
152 50.8 42.6 64.0

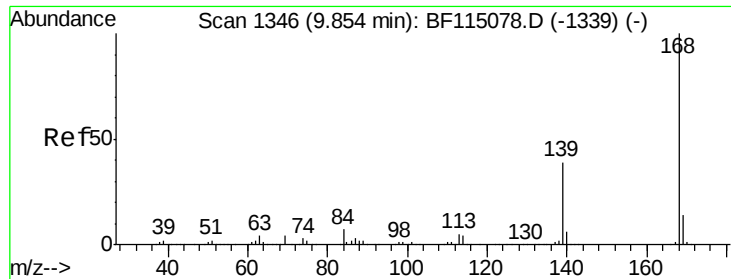


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

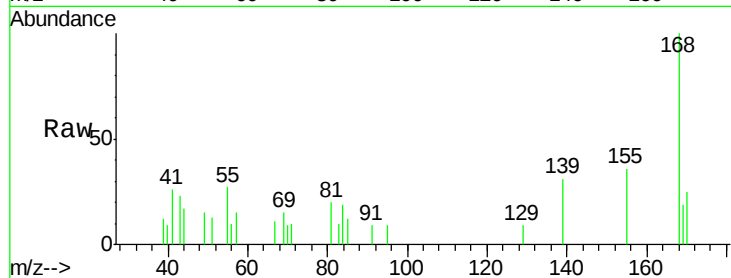




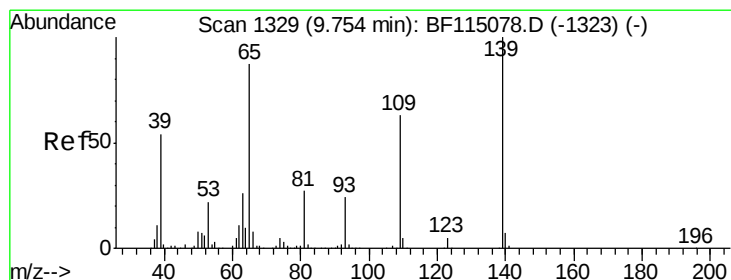
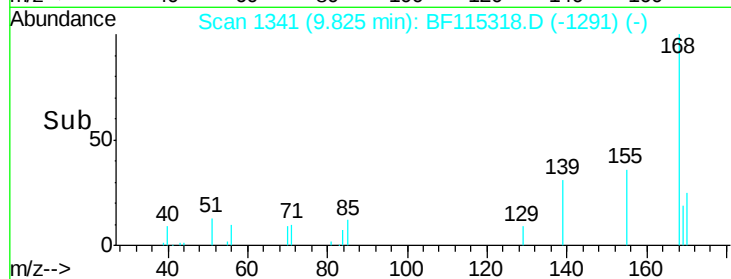
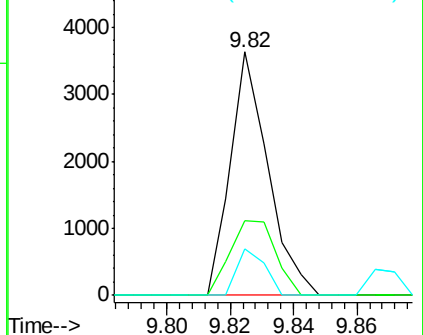
#55
Dibenzenofuran
Concen: 0.088 ng
RT: 9.82 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF115318.D
Acq: 29 Jun 2019 13:06

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-043-B

Tgt Ion:168 Resp: 2978
Ion Ratio Lower Upper
168 100
139 30.8 31.1 46.7#
169 19.1 11.3 16.9#

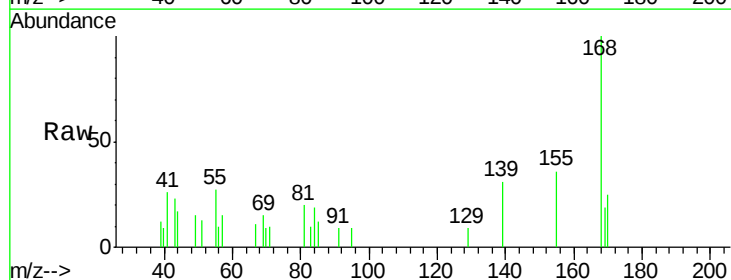


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

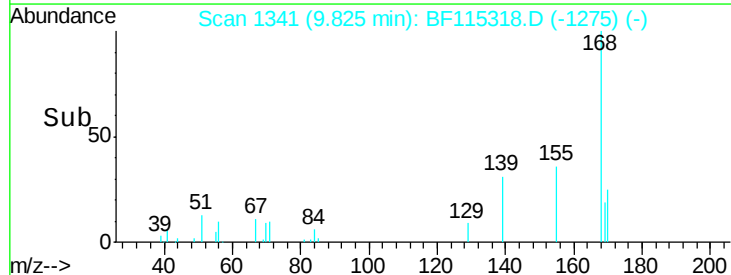
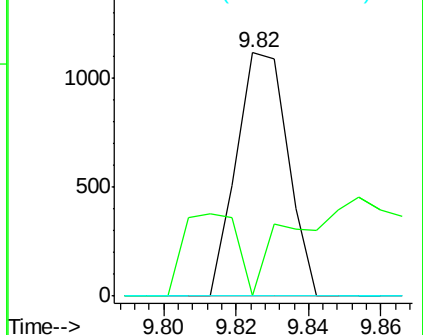


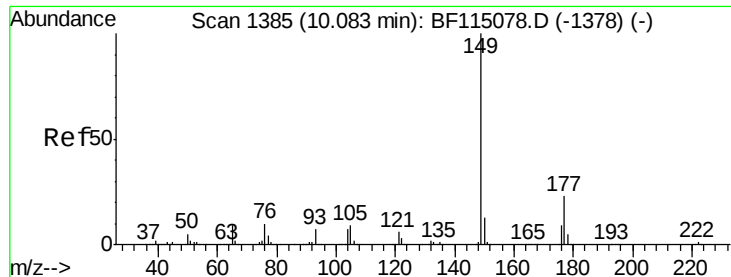
#56
4-Nitrophenol
Concen: 0.178 ng
RT: 9.82 min Scan# 1341
Delta R.T. 0.09 min
Lab File: BF115318.D
Acq: 29 Jun 2019 13:06

Tgt Ion:139 Resp: 1100
Ion Ratio Lower Upper
139 100
109 0.0 43.0 83.0#
65 0.0 67.0 107.0#



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

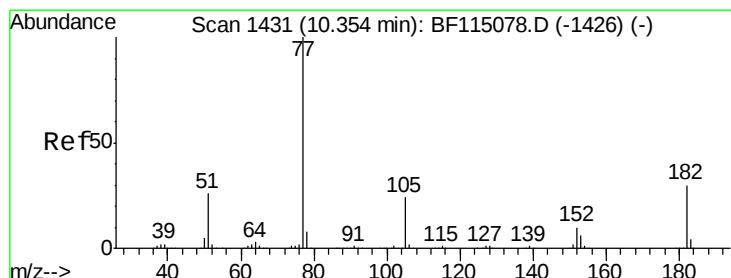
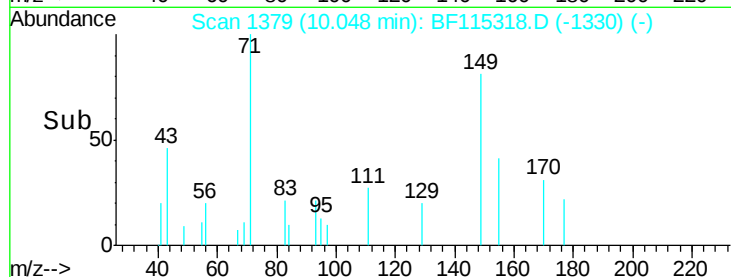
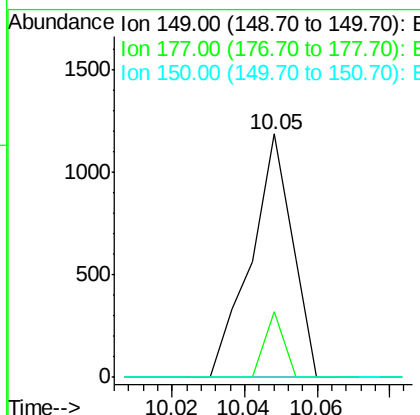
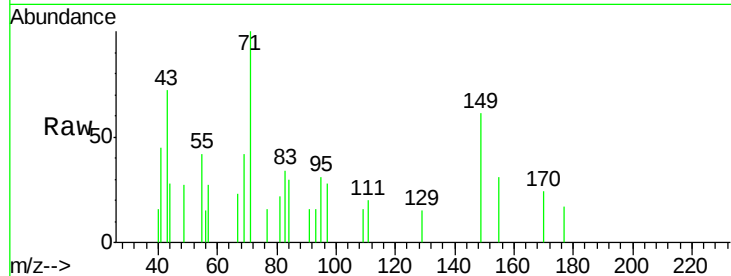




#60
Diethylphthalate
Concen: 0.034 ng
RT: 10.05 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF115318.D
Acq: 29 Jun 2019 13:06

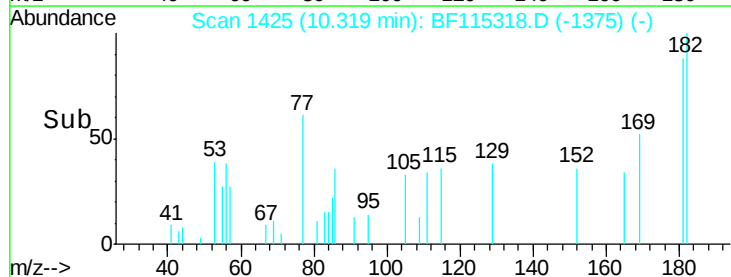
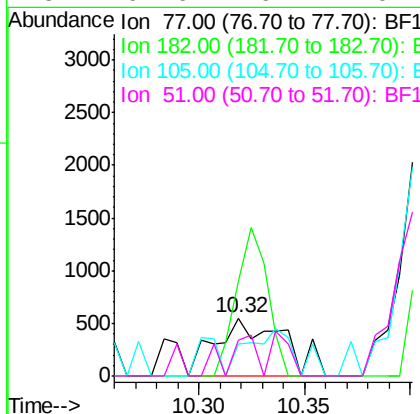
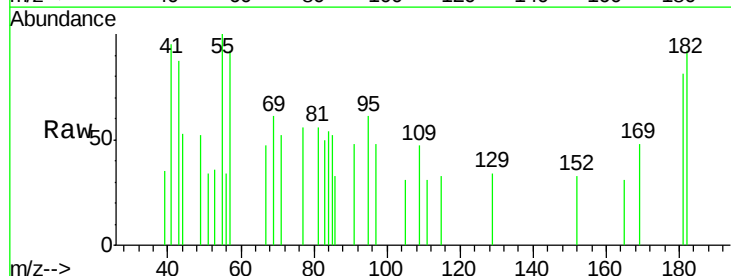
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-043-B

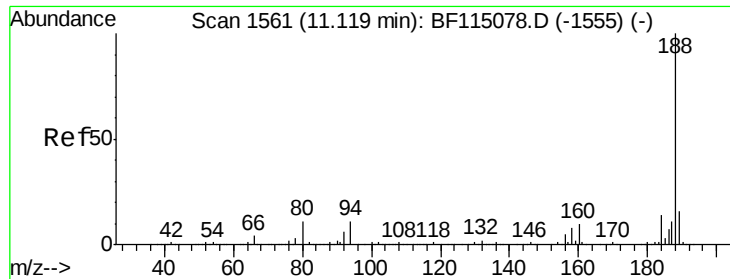
Tgt Ion: 149 Resp: 939
Ion Ratio Lower Upper
149 100
177 27.2 18.7 28.1
150 0.0 10.4 15.6#



#63
Azobenzene
Concen: 0.048 ng
RT: 10.32 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF115318.D
Acq: 29 Jun 2019 13:06

Tgt Ion: 77 Resp: 1231
Ion Ratio Lower Upper
77 100
182 164.8 10.1 50.1#
105 55.0 4.5 44.5#
51 61.6 6.4 46.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.10 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF115318.D

Acq: 29 Jun 2019 13:06

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-043-B

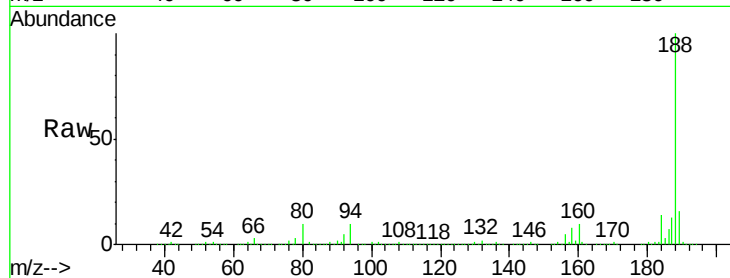
Tgt Ion:188 Resp: 755339

Ion Ratio Lower Upper

188 100

94 9.7 8.6 12.8

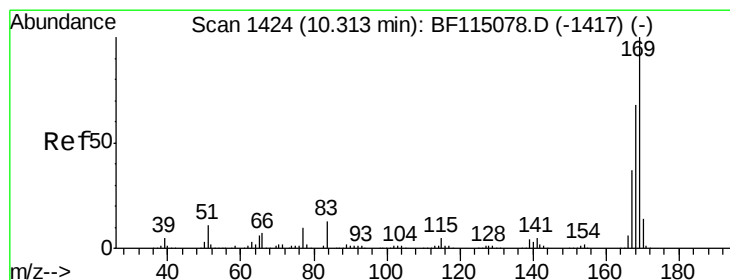
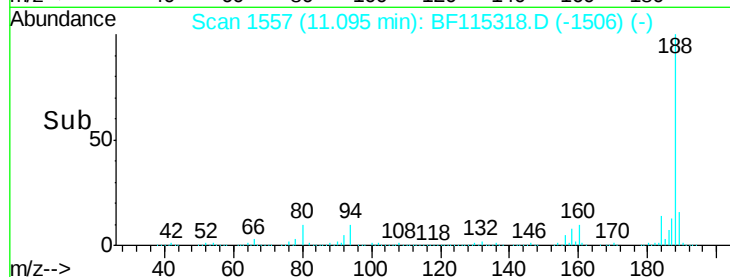
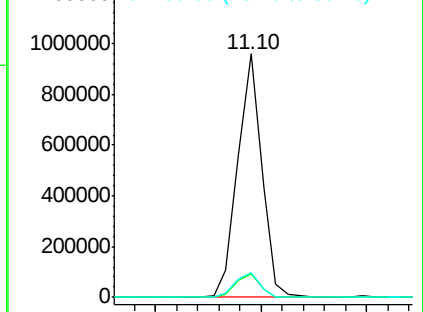
80 10.1 8.8 13.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#66

n-Nitrosodiphenylamine

Concen: 0.026 ng

RT: 10.28 min Scan# 1419

Delta R.T. 0.00 min

Lab File: BF115318.D

Acq: 29 Jun 2019 13:06

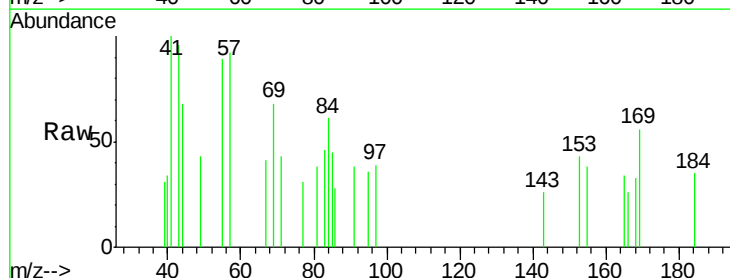
Tgt Ion:169 Resp: 621

Ion Ratio Lower Upper

169 100

168 59.2 54.2 81.4

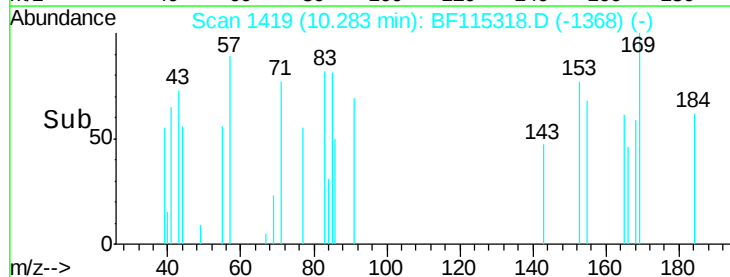
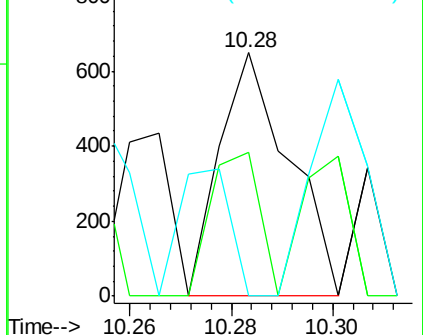
167 0.0 29.4 44.0#

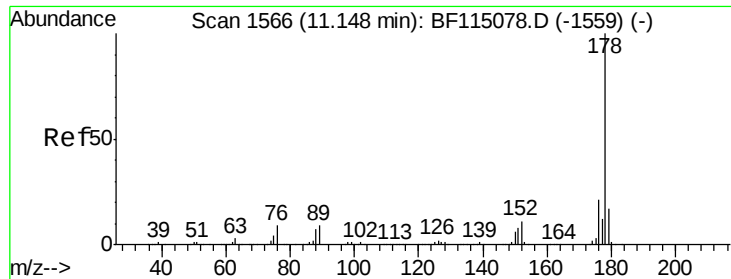


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#71

Phenanthrene

Concen: 1.194 ng

RT: 11.12 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BF115318.D

Acq: 29 Jun 2019 13:06

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-043-B

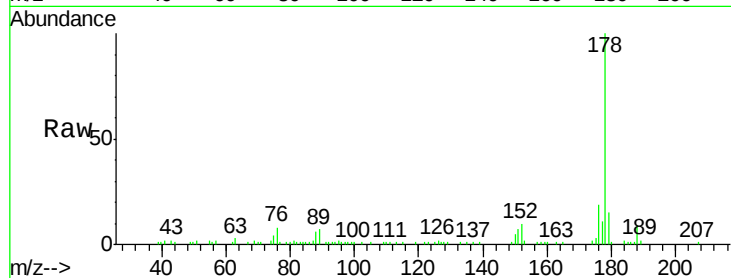
Tgt Ion:178 Resp: 48548

Ion Ratio Lower Upper

178 100

176 19.2 16.9 25.3

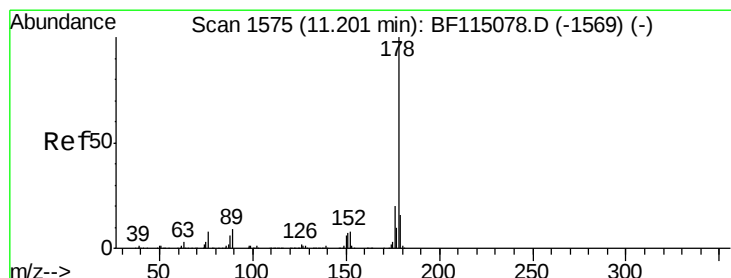
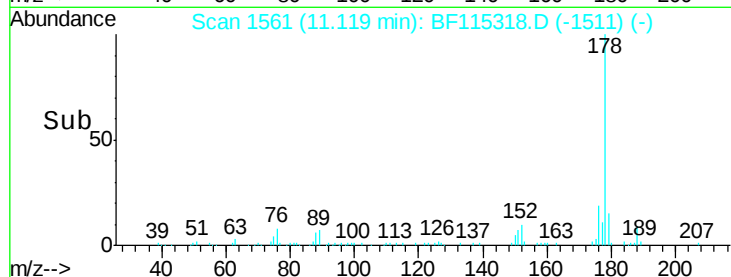
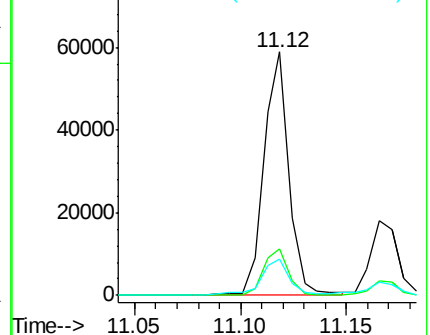
179 14.7 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 0.381 ng

RT: 11.17 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF115318.D

Acq: 29 Jun 2019 13:06

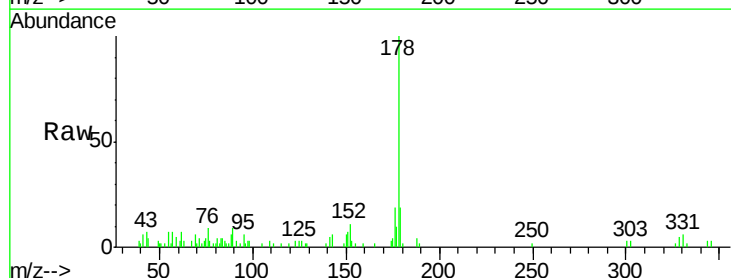
Tgt Ion:178 Resp: 15632

Ion Ratio Lower Upper

178 100

176 19.2 16.1 24.1

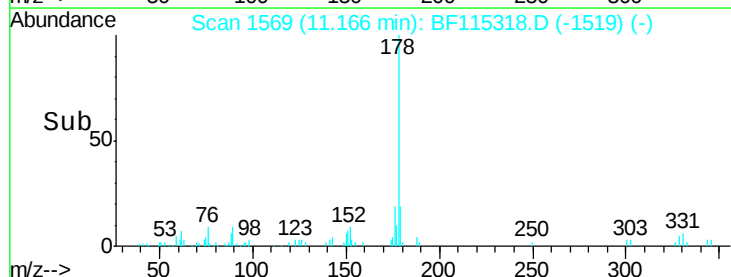
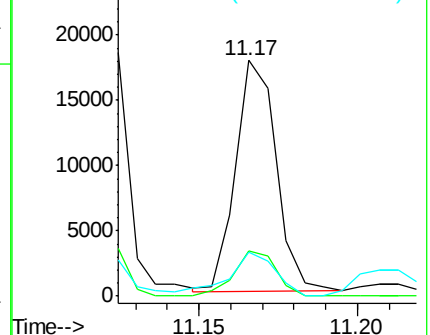
179 18.5 12.9 19.3

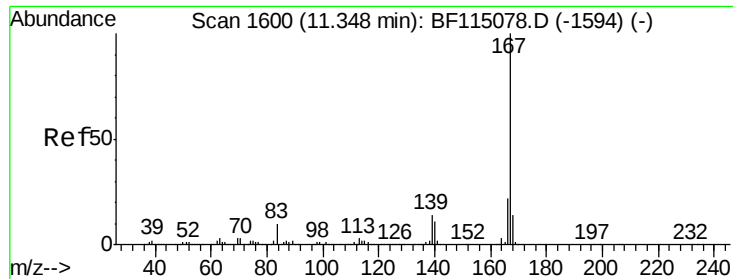


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 0.154 ng

RT: 11.32 min Scan# 1596

Delta R.T. 0.00 min

Lab File: BF115318.D

Acq: 29 Jun 2019 13:06

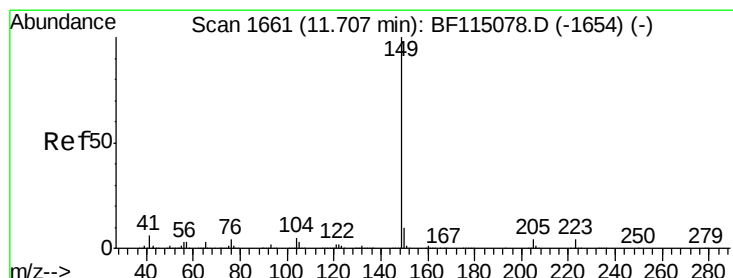
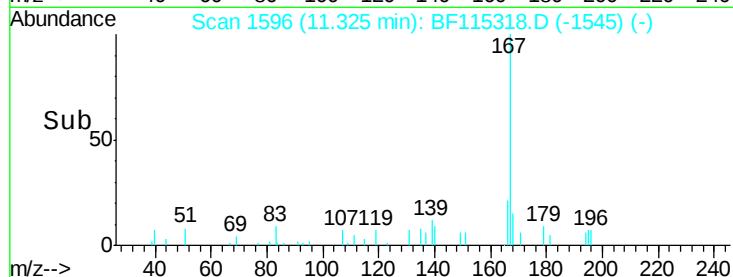
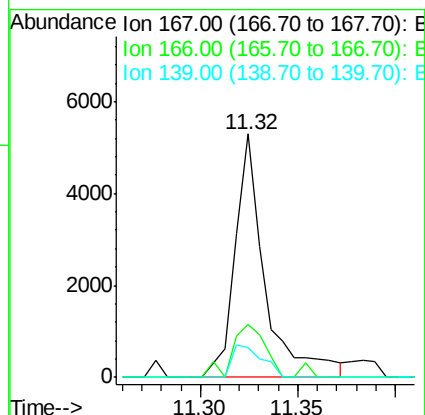
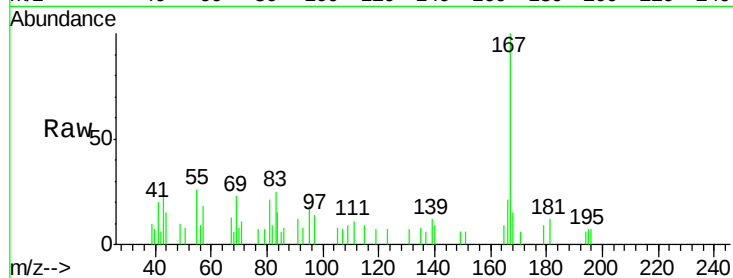
Instrument :

BNA_F

ClientSampleId :

FK-GF-02-043-B

Tgt Ion:	167	Resp:	5637
Ion Ratio	Lower	Upper	
167	100		
166	21.5	18.0	27.0
139	12.5	11.1	16.7



#74

Di-n-butylphthalate

Concen: 0.109 ng

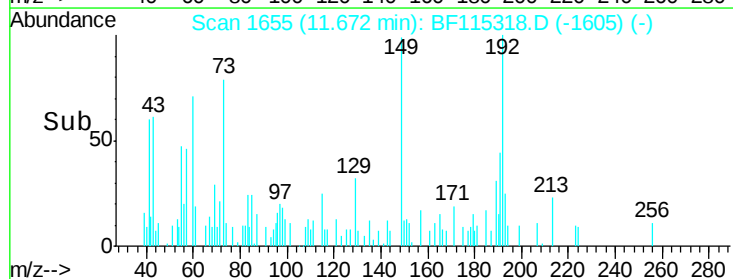
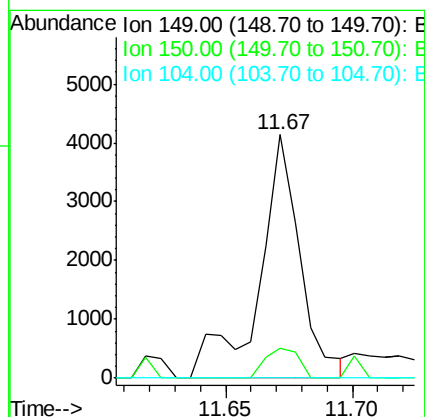
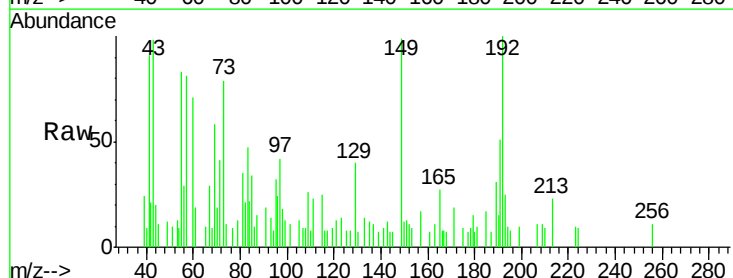
RT: 11.67 min Scan# 1655

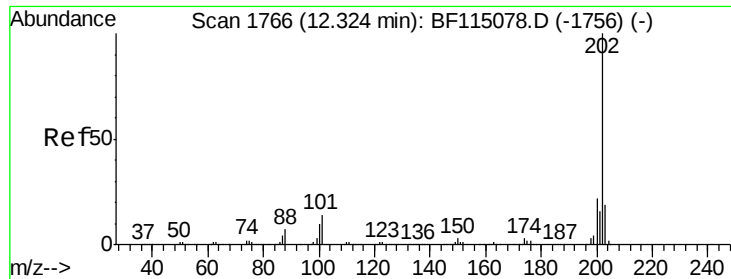
Delta R.T. -0.01 min

Lab File: BF115318.D

Acq: 29 Jun 2019 13:06

Tgt Ion:	149	Resp:	4636
Ion Ratio	Lower	Upper	
149	100		
150	12.4	7.8	11.8#
104	0.0	3.7	5.5#





#75

Fluoranthene

Concen: 2.805 ng

RT: 12.30 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF115318.D

Acq: 29 Jun 2019 13:06

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-043-B

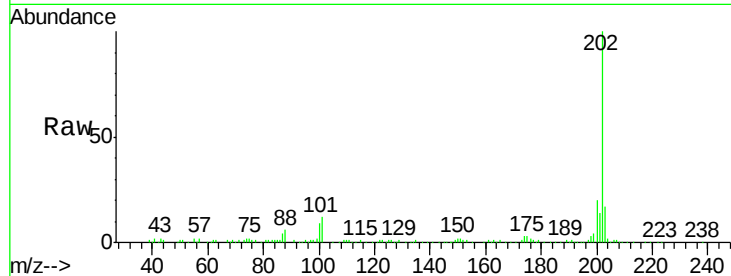
Tgt Ion:202 Resp: 113830

Ion Ratio Lower Upper

202 100

101 12.3 0.0 34.0

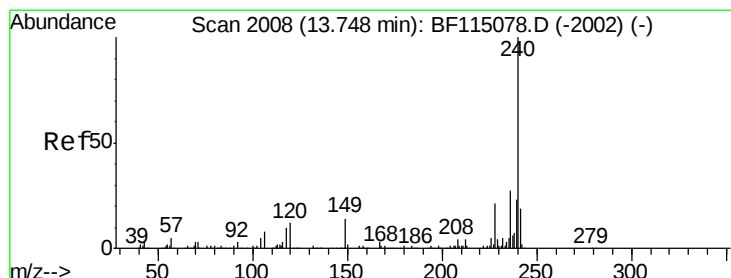
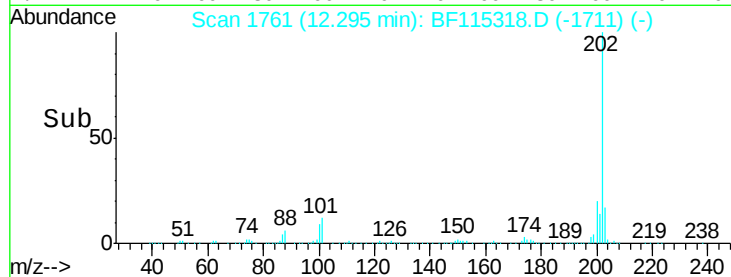
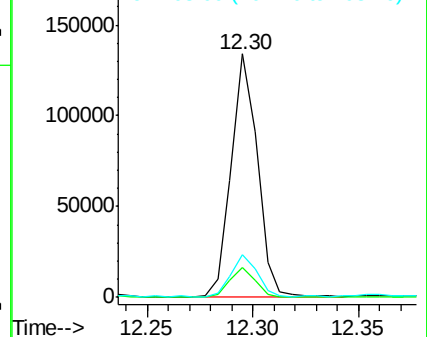
203 17.4 0.0 38.8



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.71 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF115318.D

Acq: 29 Jun 2019 13:06

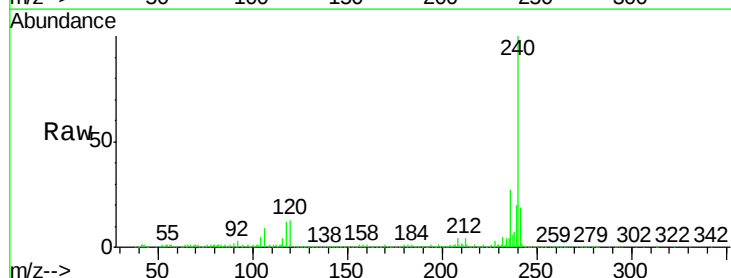
Tgt Ion:240 Resp: 666036

Ion Ratio Lower Upper

240 100

120 13.2 9.4 14.2

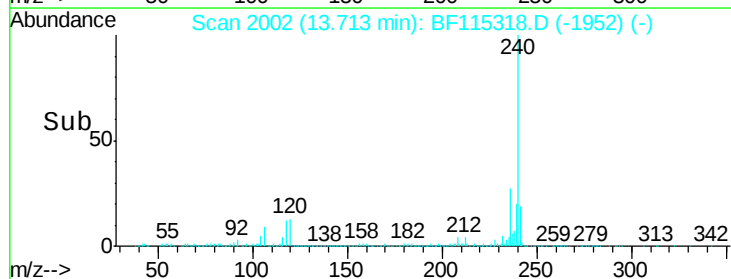
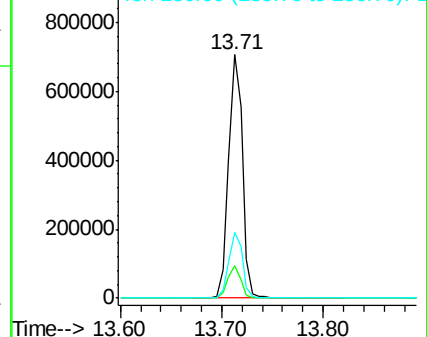
236 27.1 21.7 32.5

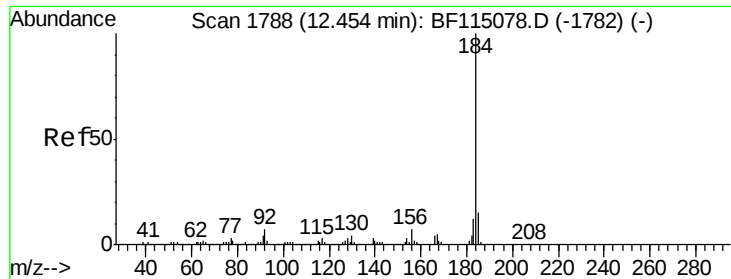


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.030 ng

RT: 12.42 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF115318.D

Acq: 29 Jun 2019 13:06

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-043-B

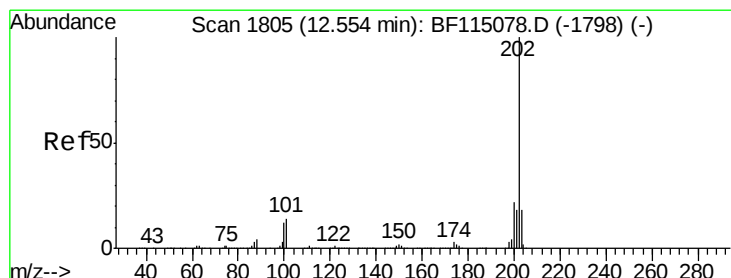
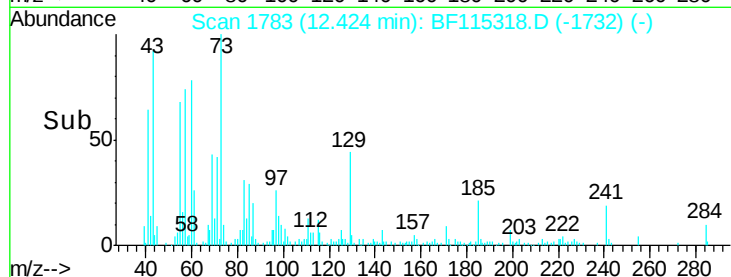
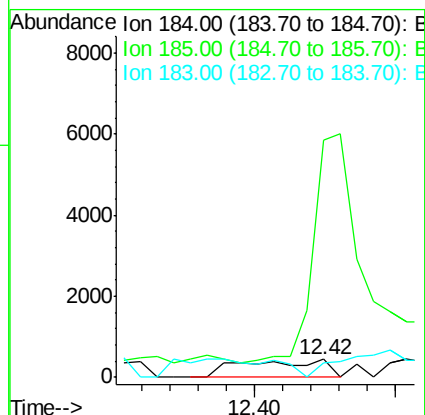
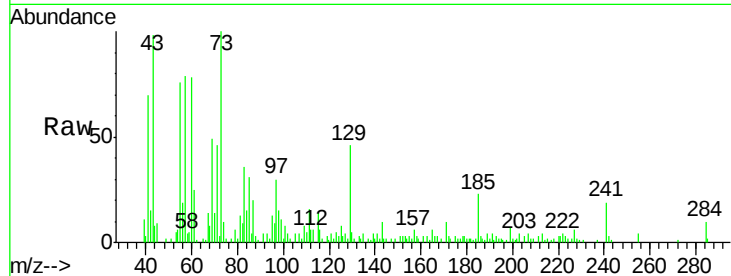
Tgt Ion:184 Resp: 881

Ion Ratio Lower Upper

184 100

185 1331.7 12.2 18.2#

183 82.9 9.6 14.4#



#78

Pyrene

Concen: 2.288 ng

RT: 12.52 min Scan# 1799

Delta R.T. -0.01 min

Lab File: BF115318.D

Acq: 29 Jun 2019 13:06

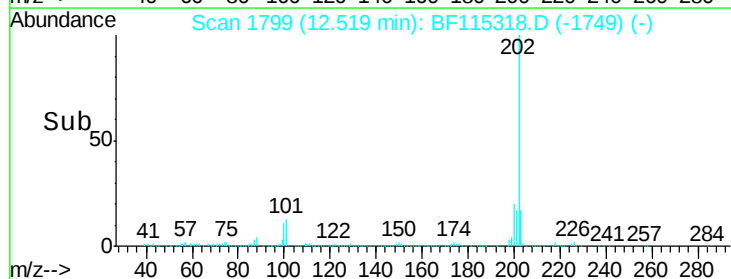
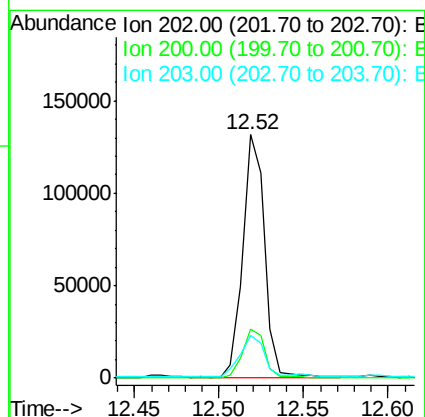
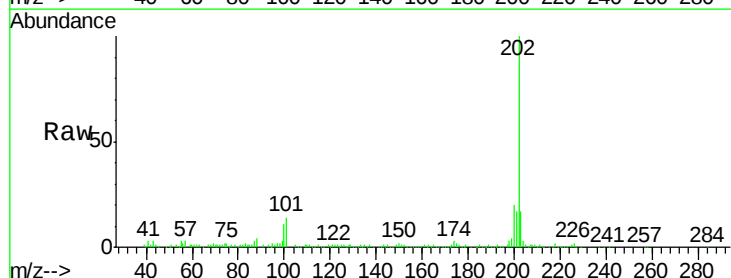
Tgt Ion:202 Resp: 117130

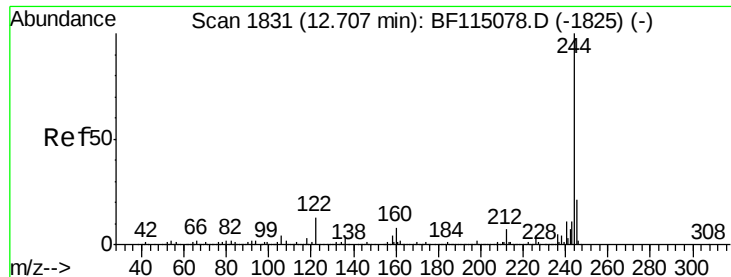
Ion Ratio Lower Upper

202 100

200 20.3 17.9 26.9

203 17.4 14.6 21.8





#79

Terphenyl-d14

Concen: 59.104 ng

RT: 12.68 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF115318.D

Acq: 29 Jun 2019 13:06

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-043-B

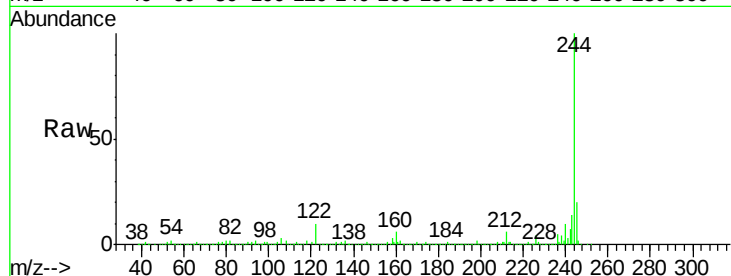
Tgt Ion:244 Resp: 1851497

Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.6

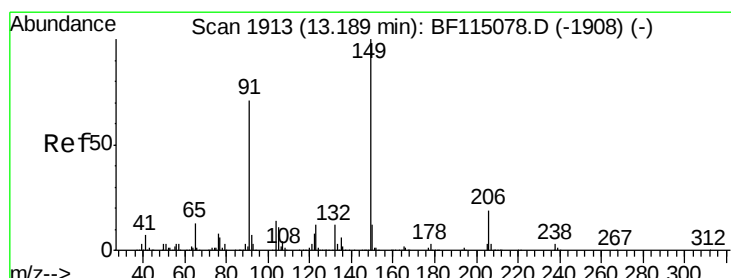
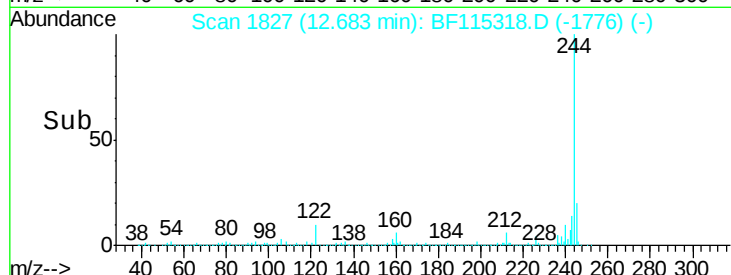
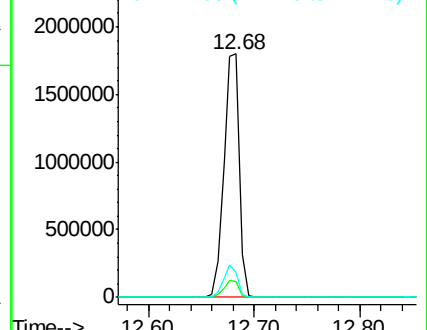
122 10.4 10.4 15.6#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 0.051 ng

RT: 13.16 min Scan# 1908

Delta R.T. 0.00 min

Lab File: BF115318.D

Acq: 29 Jun 2019 13:06

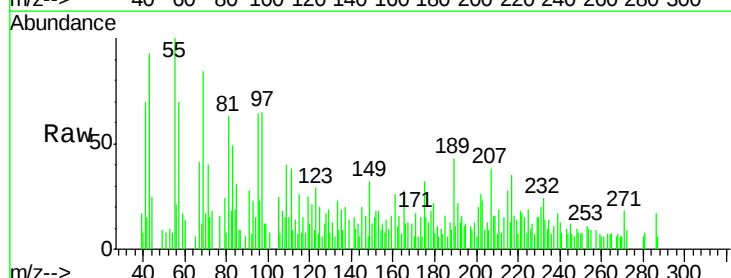
Tgt Ion:149 Resp: 1142

Ion Ratio Lower Upper

149 100

91 89.7 56.5 84.7#

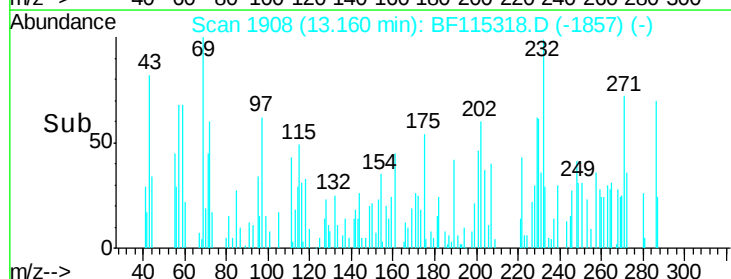
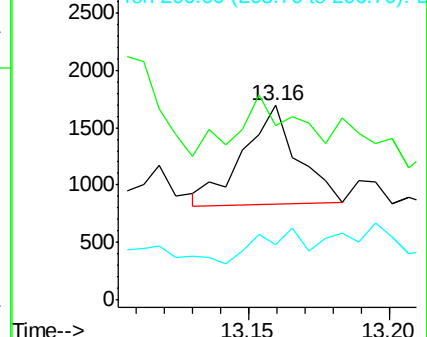
206 28.4 15.3 22.9#

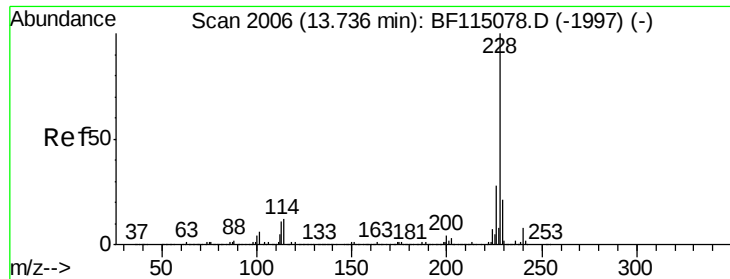


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

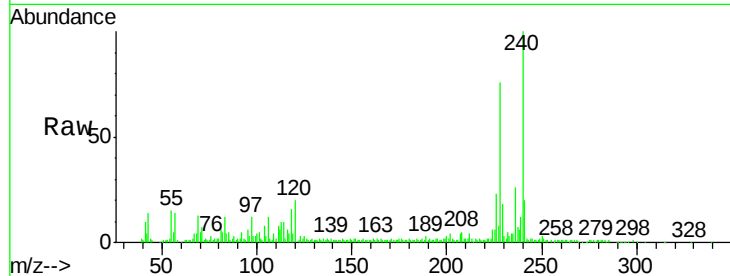




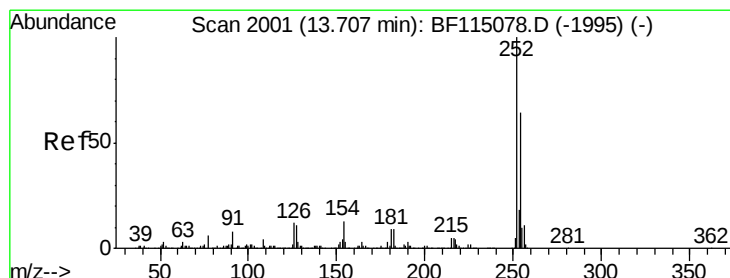
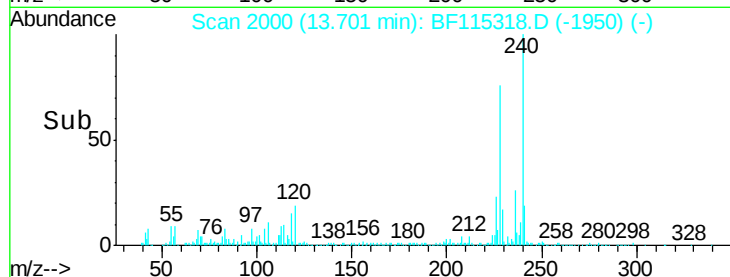
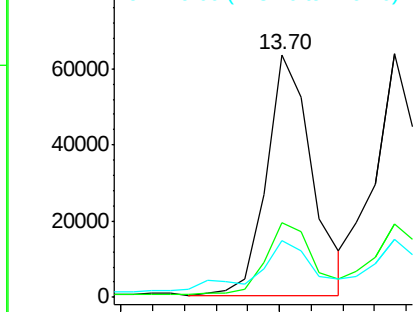
#81
Benzo(a)anthracene
Concen: 1.322 ng
RT: 13.70 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF115318.D
Acq: 29 Jun 2019 13:06

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-043-B

Tgt Ion: 228 Resp: 63169
Ion Ratio Lower Upper
228 100
226 30.8 22.5 33.7
229 23.3 16.6 24.8

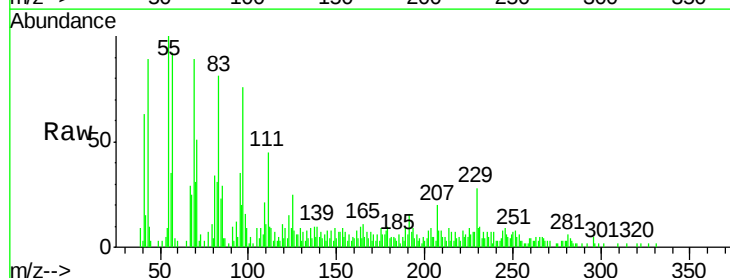


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

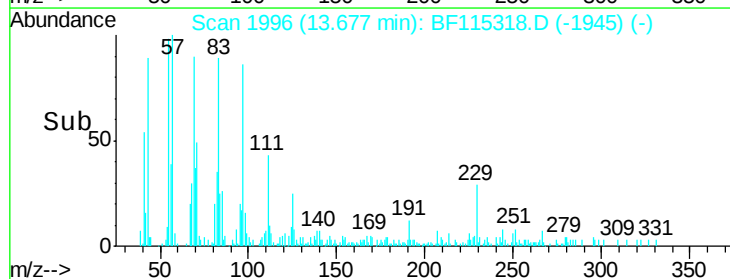
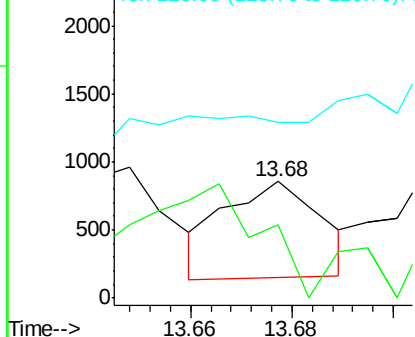


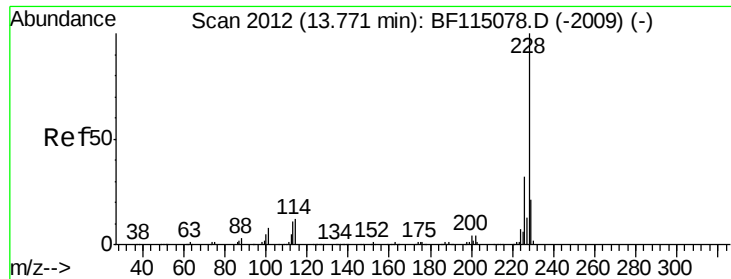
#82
3,3'-Dichlorobenzidine
Concen: 0.054 ng
RT: 13.68 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BF115318.D
Acq: 29 Jun 2019 13:06

Tgt Ion: 252 Resp: 935
Ion Ratio Lower Upper
252 100
254 62.8 51.1 76.7
126 151.0 9.4 14.0#



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

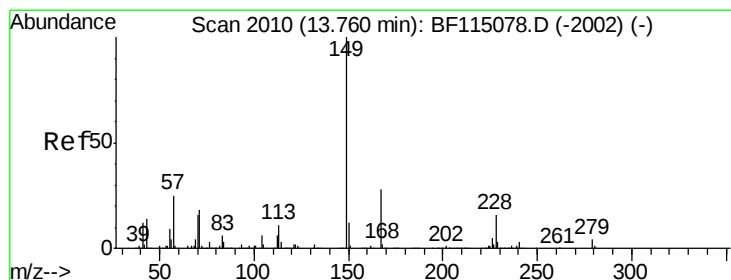
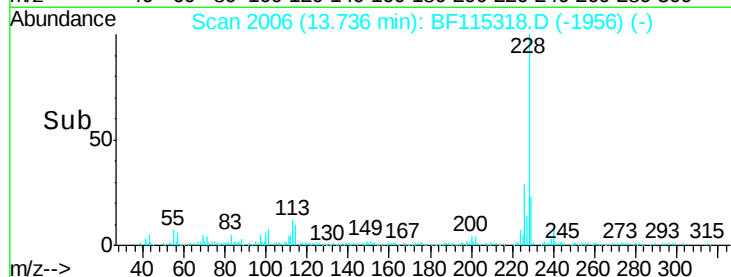
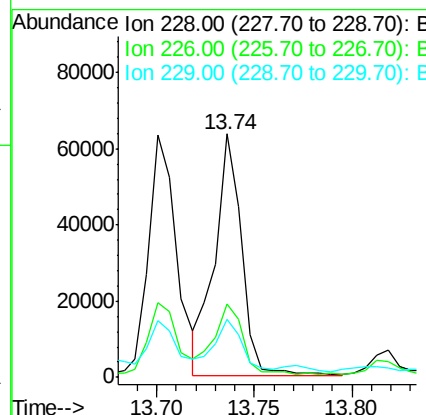
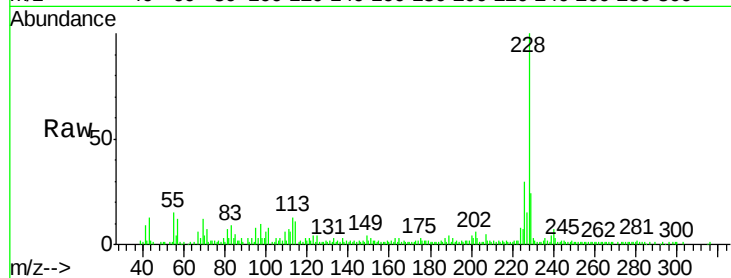




#83
Chrysene
Concen: 1.384 ng
RT: 13.74 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF115318.D
Acq: 29 Jun 2019 13:06

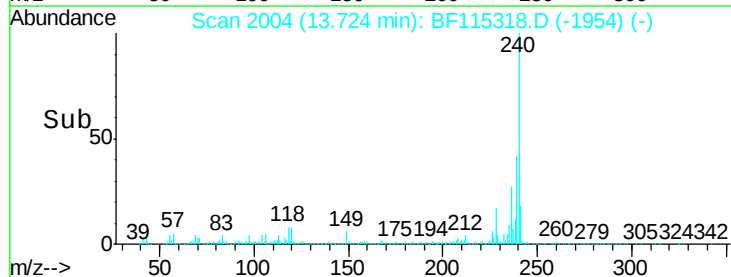
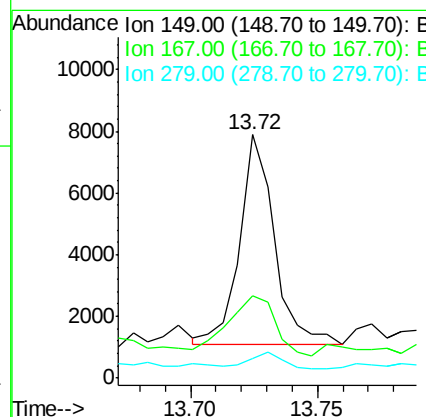
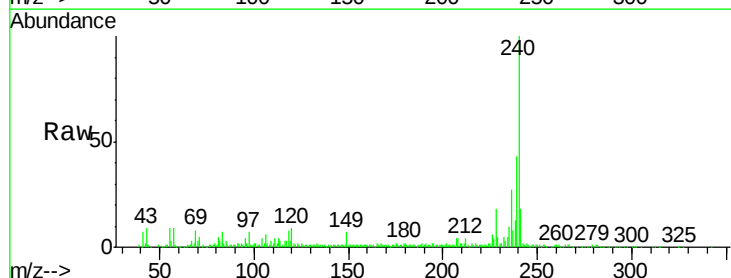
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-043-B

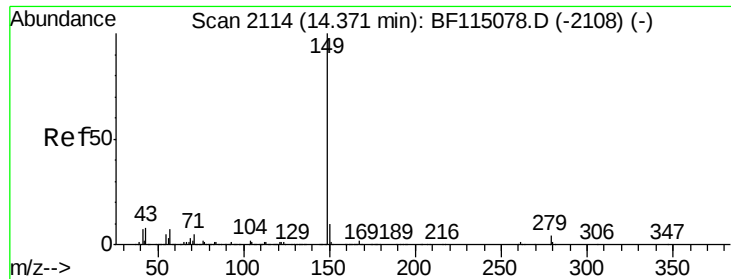
Tgt Ion: 228 Resp: 60580
Ion Ratio Lower Upper
228 100
226 30.2 25.4 38.0
229 23.9 16.5 24.7



#84
Bis(2-ethylhexyl)phthalate
Concen: 0.218 ng
RT: 13.72 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF115318.D
Acq: 29 Jun 2019 13:06

Tgt Ion: 149 Resp: 6444
Ion Ratio Lower Upper
149 100
167 33.9 22.2 33.4#
279 7.8 2.9 4.3#

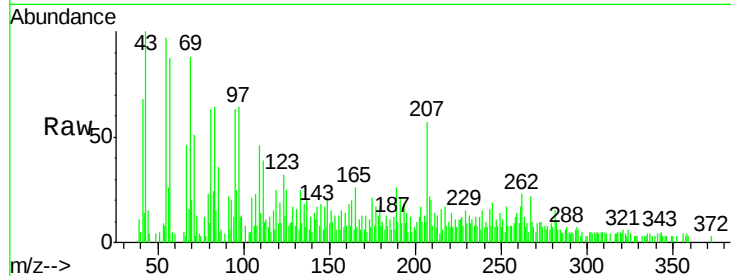




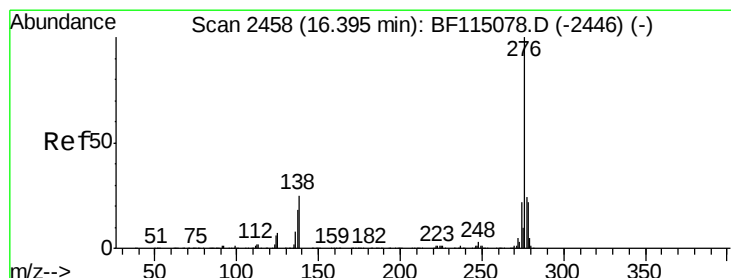
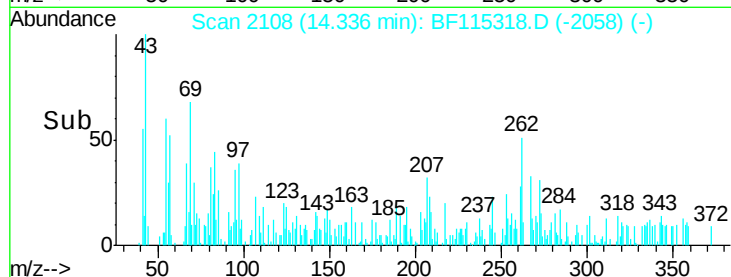
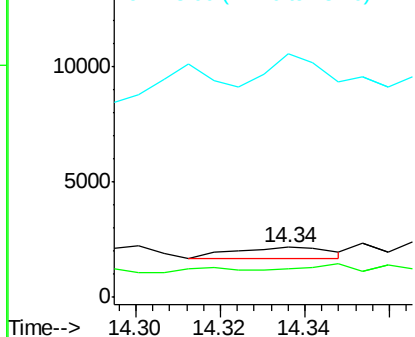
#85
Di-n-octyl phthalate
Concen: 0.016 ng
RT: 14.34 min Scan# 2108
Delta R.T. -0.01 min
Lab File: BF115318.D
Acq: 29 Jun 2019 13:06

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-043-B

Tgt Ion:149 Resp: 812
Ion Ratio Lower Upper
149 100
167 27.7 1.2 1.8#
43 456.0 7.0 10.6#

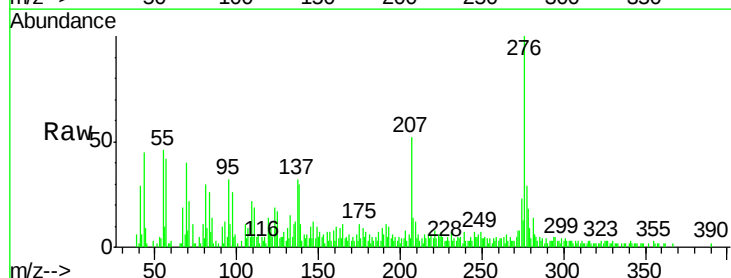


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

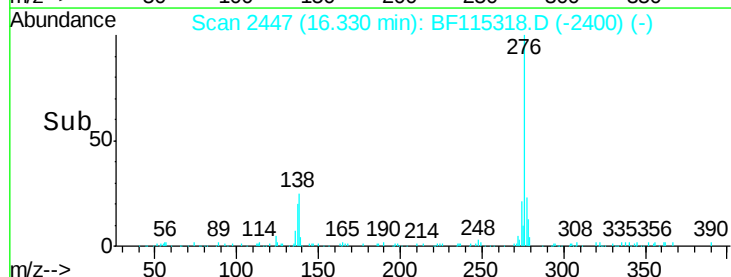
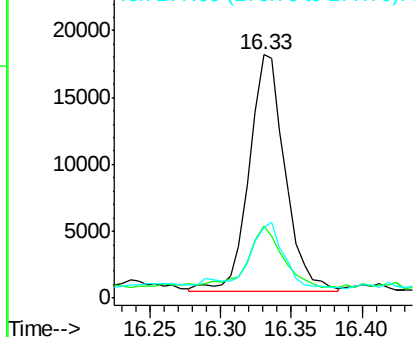


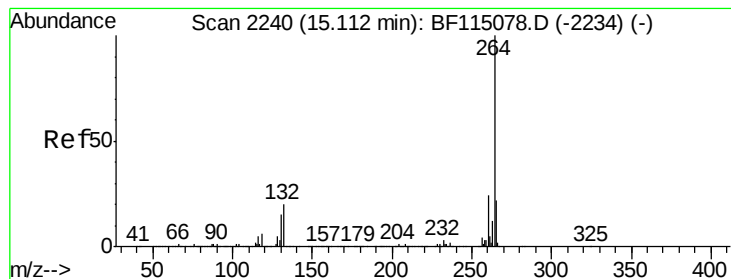
#86
Indeno(1,2,3-cd)pyrene
Concen: 0.611 ng
RT: 16.33 min Scan# 2447
Delta R.T. -0.02 min
Lab File: BF115318.D
Acq: 29 Jun 2019 13:06

Tgt Ion:276 Resp: 31663
Ion Ratio Lower Upper
276 100
138 27.7 23.2 34.8
277 25.1 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





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.08 min Scan# 2234

Delta R.T. -0.01 min

Lab File: BF115318.D

Acq: 29 Jun 2019 13:06

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-043-B

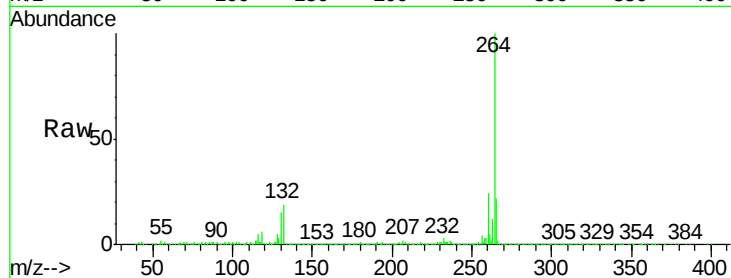
Tgt Ion:264 Resp: 689439

Ion Ratio Lower Upper

264 100

260 24.2 19.6 29.4

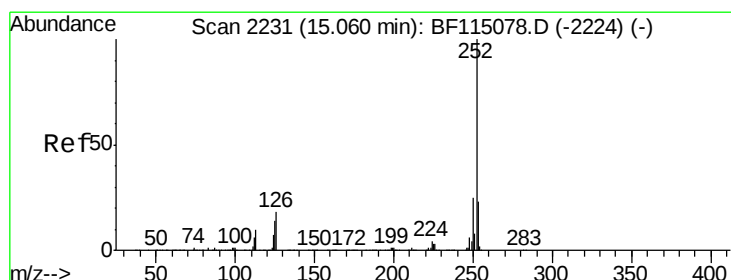
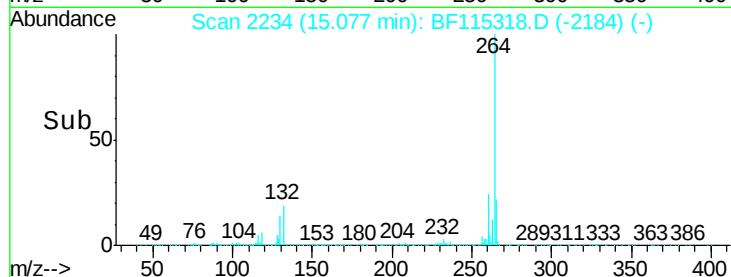
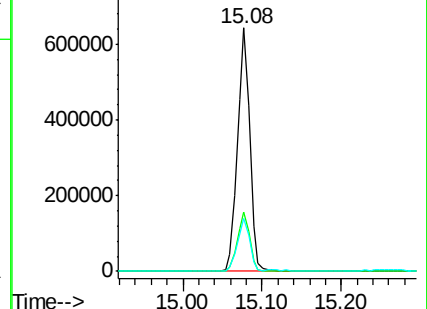
265 21.7 17.3 25.9



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



#90

Benzo(a)pyrene

Concen: 1.400 ng

RT: 15.02 min Scan# 2224

Delta R.T. -0.02 min

Lab File: BF115318.D

Acq: 29 Jun 2019 13:06

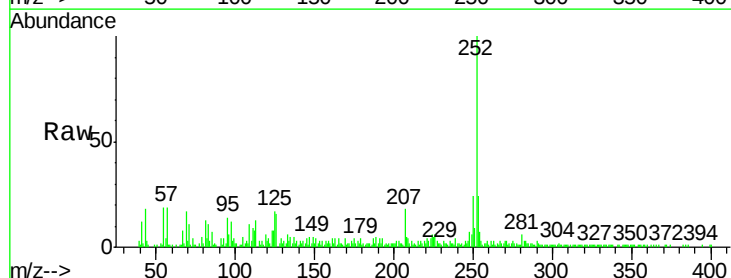
Tgt Ion:252 Resp: 54289

Ion Ratio Lower Upper

252 100

253 24.5 18.3 27.5

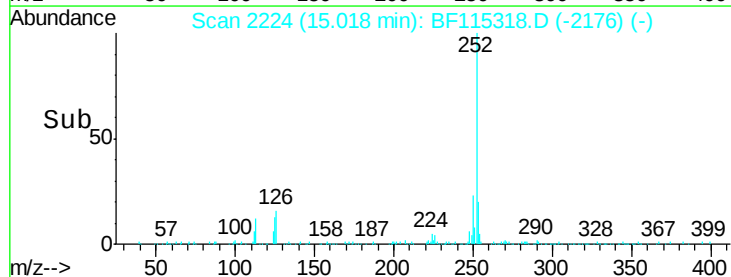
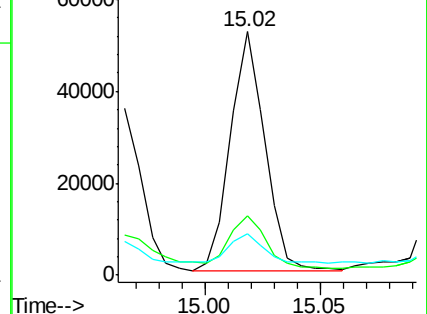
125 16.9 10.9 16.3#

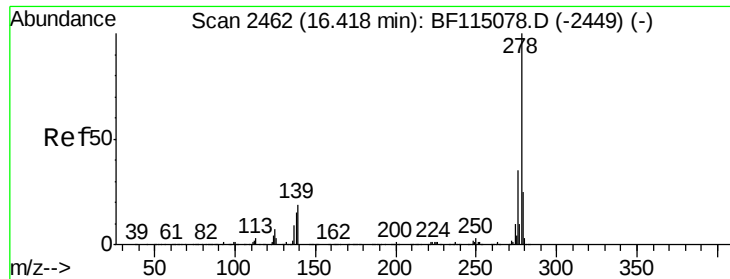


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

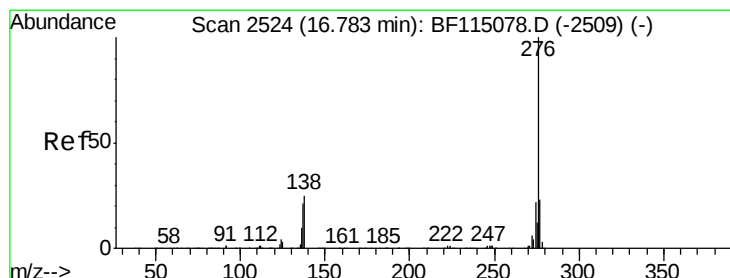
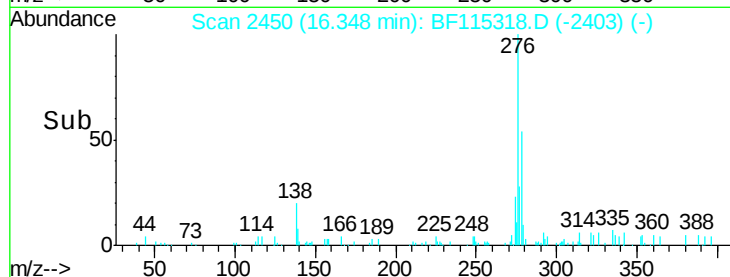
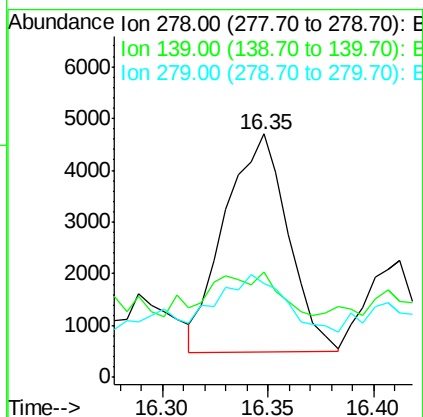
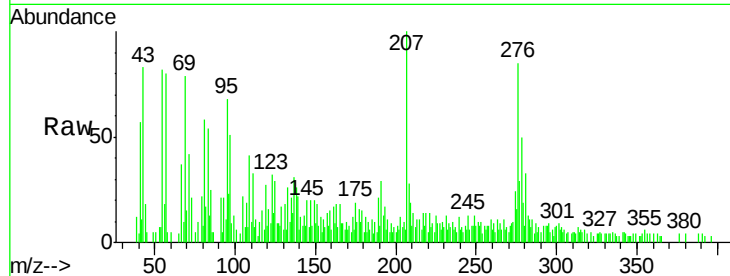




#91
Dibenzo(a,h)anthracene
Concen: 0.241 ng
RT: 16.35 min Scan# 2450
Delta R.T. -0.02 min
Lab File: BF115318.D
Acq: 29 Jun 2019 13:06

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-043-B

Tgt Ion: 278 Resp: 8715
Ion Ratio Lower Upper
278 100
139 43.2 15.4 23.2#
279 38.4 19.9 29.9#



#92
Benzo(g,h,i)perylene
Concen: 0.785 ng
RT: 16.71 min Scan# 2511
Delta R.T. -0.03 min
Lab File: BF115318.D
Acq: 29 Jun 2019 13:06

Tgt Ion: 276 Resp: 28756
Ion Ratio Lower Upper
276 100
277 26.4 18.6 28.0
138 27.0 19.8 29.6

