

Data File : BF115239.D
Acq On : 27 Jun 2019 16:34
Operator : HP/JU
Sample : K3534-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-050

Quant Time: Jun 28 04:55:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 04:21:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	216027	20.00	ng	-0.02
21) Naphthalene-d8	7.88	136	803310	20.00	ng	-0.02
39) Acenaphthene-d10	9.62	164	386788	20.00	ng	-0.03
64) Phenanthrene-d10	11.10	188	771077	20.00	ng	-0.02
76) Chrysene-d12	13.71	240	621836	20.00	ng	-0.04
87) Perylene-d12	15.07	264	535551	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1352831	96.64	ng	-0.01
7) Phenol-d6	6.24	99	1721637	101.32	ng	-0.02
23) Nitrobenzene-d5	7.16	82	996580	76.32	ng	-0.02
42) 2,4,6-Tribromophenol	10.41	330	441039	108.13	ng	-0.02
45) 2-Fluorobiphenyl	8.95	172	1628783	71.53	ng	-0.03
79) Terphenyl-d14	12.68	244	1727232	59.06	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.05	88	150	0.023	ng	# 1
4) n-Nitrosodimethylamine	2.81	42	716	0.098	ng	# 1
6) Aniline	6.25	93	1781	0.076	ng	# 1
8) 2-Chlorophenol	6.38	128	379	0.024	ng	# 1
9) Benzaldehyde	6.24	77	3281	0.296	ng	# 1
10) Phenol	6.25	94	19486	0.979	ng	96
11) bis(2-Chloroethyl)ether	6.37	93	2012	0.137	ng	# 1
15) Benzyl Alcohol	6.75	79	16648	1.346	ng	# 46
16) 2,2'-oxybis(1-Chloropropan	6.82	45	109	0.005	ng	67
17) 2-Methylphenol	6.75	107	129	0.010	ng	# 1
19) n-Nitroso-di-n-propylamine	7.16	70	132860	12.214	ng	# 76
20) 3+4-Methylphenols	7.01	107	123	0.008	ng	# 7
22) Acetophenone	7.00	105	115	0.006	ng	# 4
24) Nitrobenzene	7.16	77	3018	0.210	ng	# 31
25) Isophorone	7.16	82	985760	36.849	ng	# 63
28) bis(2-Chloroethoxy)methane	7.88	93	107	0.006	ng	# 1
31) Naphthalene	7.70	128	290	0.007	ng	# 67
38) 1-Methylnaphthalene	8.95	142	641	0.025	ng	# 51
46) 1,1'-Biphenyl	9.05	154	2876	0.093	ng	94
48) 2-Nitroaniline	9.35	65	3045	0.416	ng	# 1
49) Acenaphthylene	9.48	152	554	0.014	ng	# 59
50) Dimethylphthalate	9.35	163	348220	12.237	ng	99
51) 2,6-Dinitrotoluene	9.35	165	3785	0.576	ng	# 18
52) Acenaphthene	9.65	154	119	0.005	ng	# 5
57) 2,4-Dinitrotoluene	9.62	165	50200	5.918	ng	# 30
58) Fluorene	10.40	166	20168	Below Cal	#	86
60) Diethylphthalate	10.05	149	949	0.033	ng	# 58
63) Azobenzene	10.33	77	682	0.026	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.40	198	821	5.139	ng	# 1
66) n-Nitrosodiphenylamine	10.40	169	12603	0.525	ng	# 42
67) 4-Bromophenyl-phenylether	10.40	248	27382	3.275	ng	# 1
71) Phenanthrene	11.11	178	1976	0.048	ng	# 92
72) Anthracene	11.17	178	832	0.020	ng	# 59
73) Carbazole	11.32	167	906	0.024	ng	# 67

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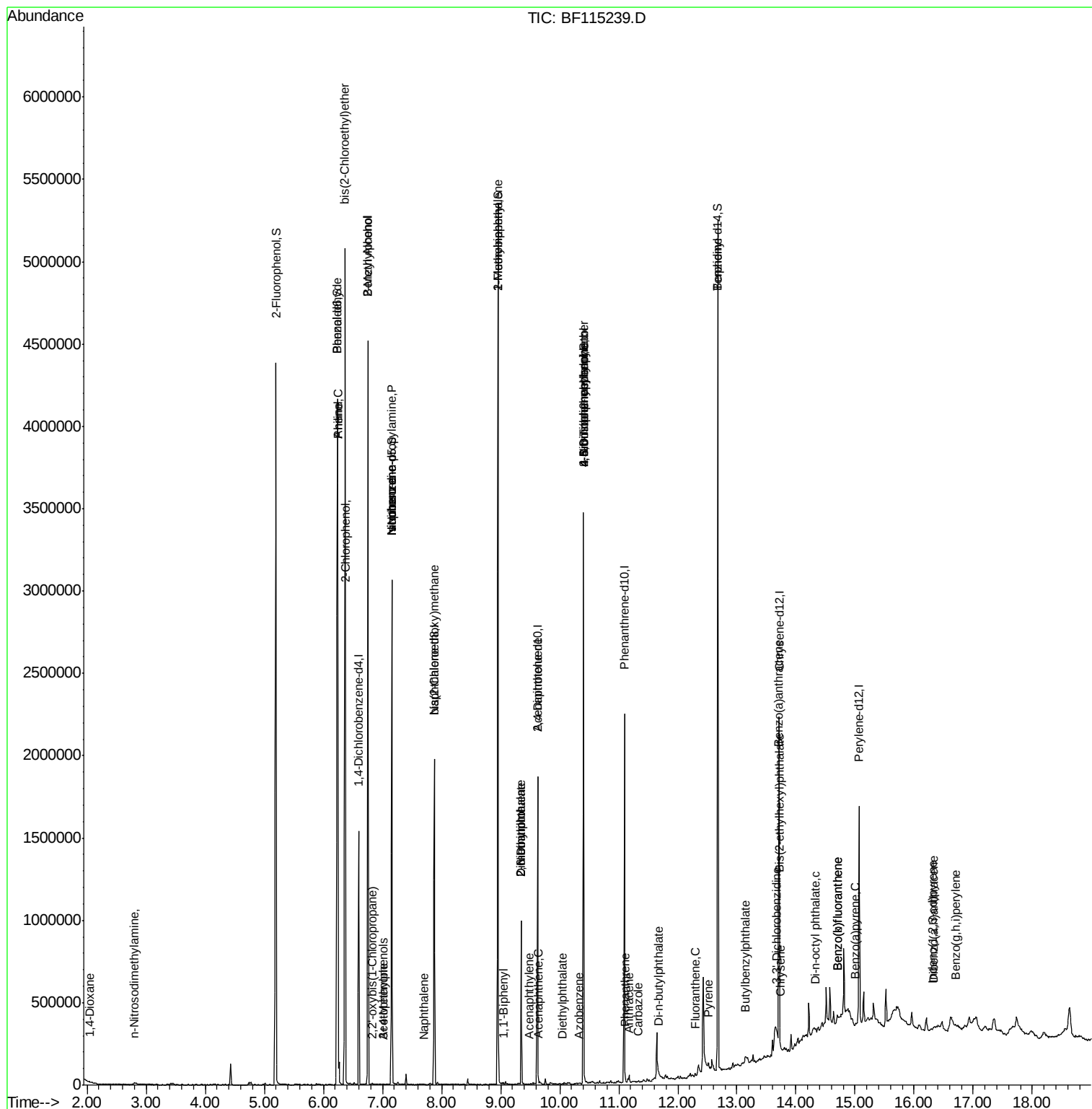
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
74) Di-n-butylphthalate	11.67	149	5018	0.116	ng	# 85
75) Fluoranthene	12.30	202	7727	0.187	ng	98
77) Benzidine	12.68	184	21652	0.784	ng	# 91
78) Pyrene	12.52	202	7719	0.162	ng	95
80) Butylbenzylphthalate	13.15	149	931	0.044	ng	# 76
81) Benzo(a)anthracene	13.70	228	7330	0.164	ng	# 71
82) 3,3'-Dichlorobenzidine	13.67	252	1868	0.116	ng	# 43
83) Chrysene	13.74	228	6846	0.167	ng	# 94
84) Bis(2-ethylhexyl)phthalate	13.72	149	7134	0.258	ng	# 97
85) Di-n-octyl phthalate	14.33	149	2516	0.054	ng	# 75
86) Indeno(1,2,3-cd)pyrene	16.32	276	4748	0.098	ng	# 64
88) Benzo(b)fluoranthene	14.70	252	13947	0.417	ng	# 59
89) Benzo(k)fluoranthene	14.70	252	13947	0.465	ng	# 62
90) Benzo(a)pyrene	15.01	252	5023	0.167	ng	# 58
91) Dibenzo(a,h)anthracene	16.34	278	1378	0.049	ng	# 1
92) Benzo(g,h,i)perylene	16.70	276	4622	0.162	ng	# 65

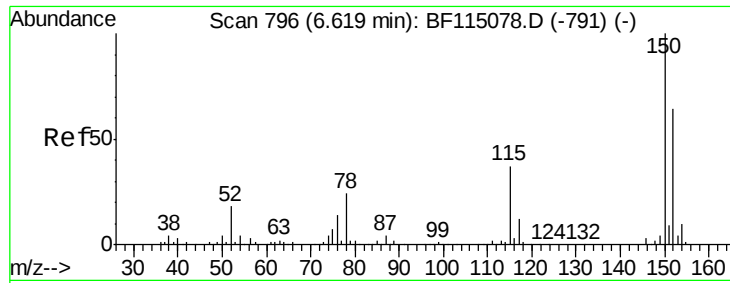
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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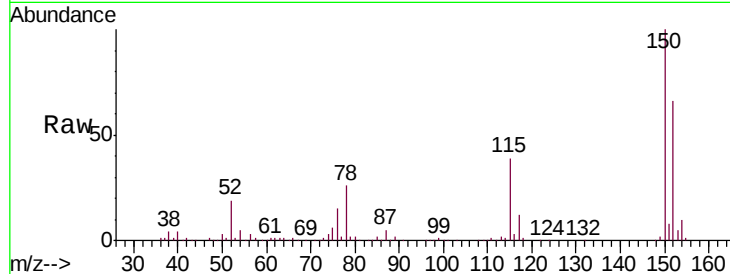


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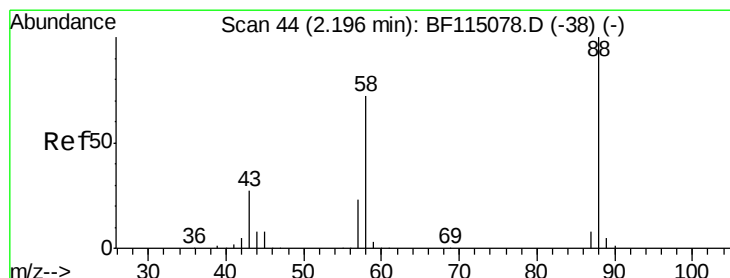
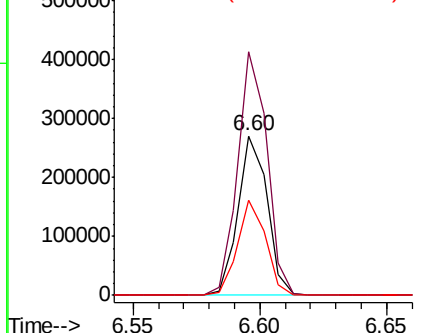
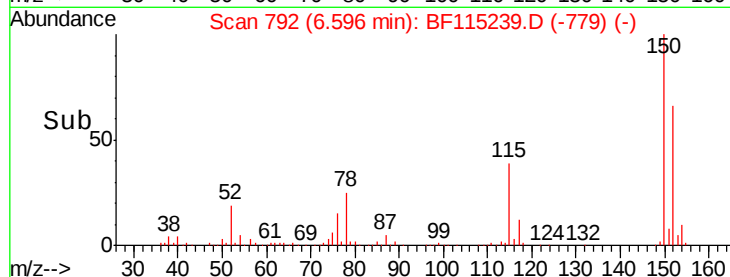
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 792
Delta R.T. -0.02 min
Lab File: BF115239.D
Acq: 27 Jun 2019 16:34

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-050

Tgt Ion: 152 Resp: 216027
Ion Ratio Lower Upper
152 100
150 152.4 124.2 186.2
115 59.8 46.1 69.1



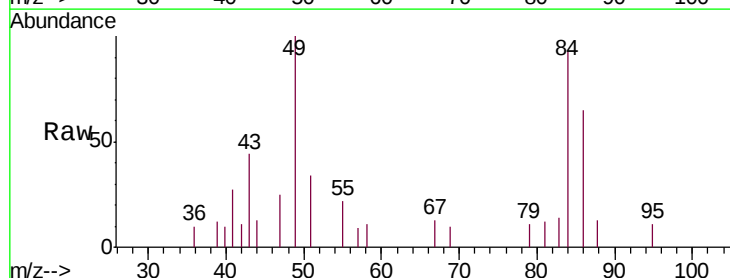
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



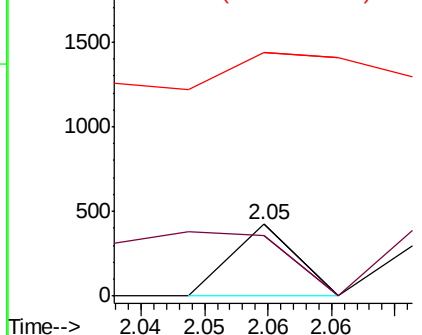
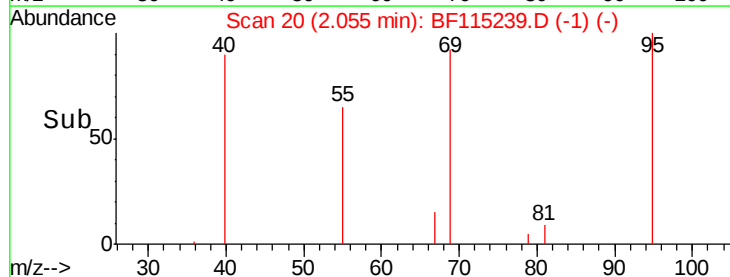
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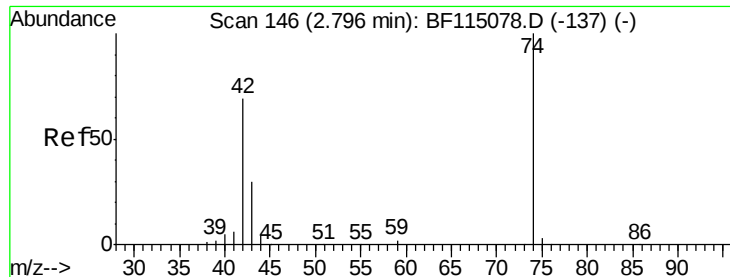
1,4-Dioxane
Concen: 0.023 ng
RT: 2.05 min Scan# 20
Delta R.T. -0.14 min
Lab File: BF115239.D
Acq: 27 Jun 2019 16:34

Tgt Ion: 88 Resp: 150
Ion Ratio Lower Upper
88 100
58 0.0 56.1 84.1#
43 158.0 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





#4

n-Nitrosodimethylamine

Concen: 0.098 ng

RT: 2.81 min Scan# 148

Delta R.T. 0.01 min

Lab File: BF115239.D

Acq: 27 Jun 2019 16:34

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-050

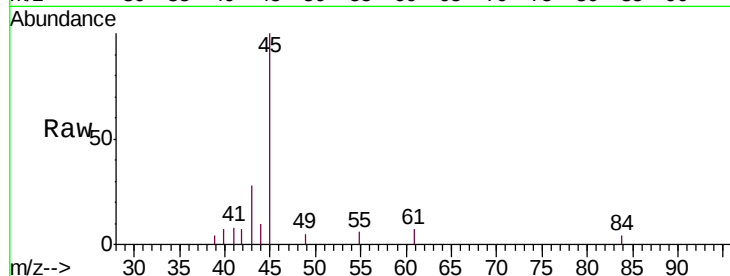
Tgt Ion: 42 Resp: 716

Ion Ratio Lower Upper

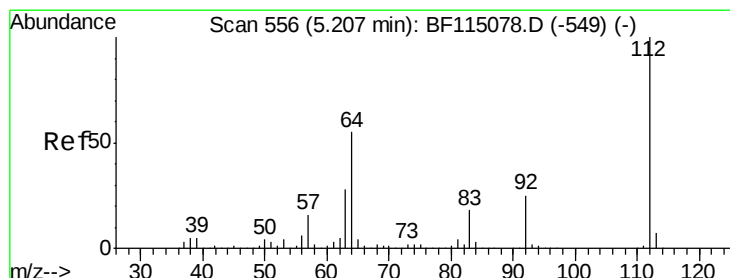
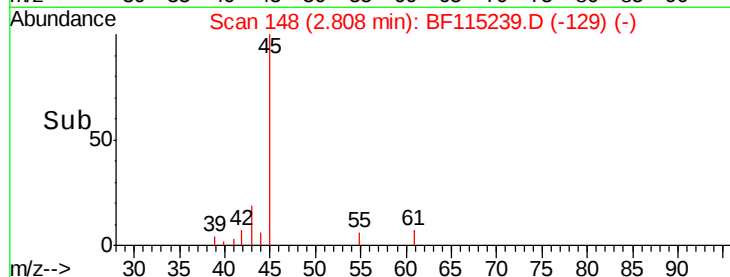
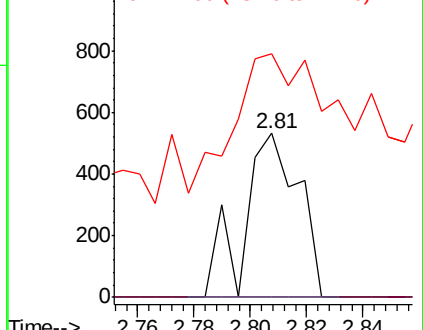
42 100

74 0.0 116.6 175.0#

44 148.5 5.3 7.9#



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



#5

2-Fluorophenol

Concen: 96.638 ng

RT: 5.20 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF115239.D

Acq: 27 Jun 2019 16:34

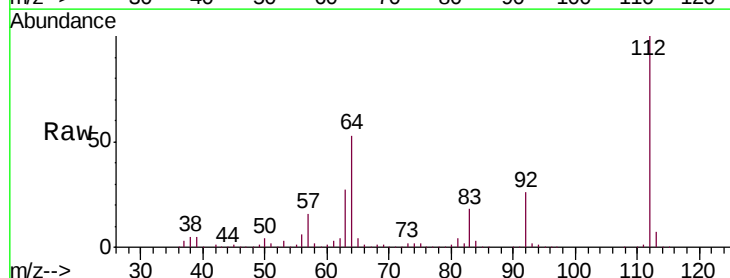
Tgt Ion: 112 Resp: 1352831

Ion Ratio Lower Upper

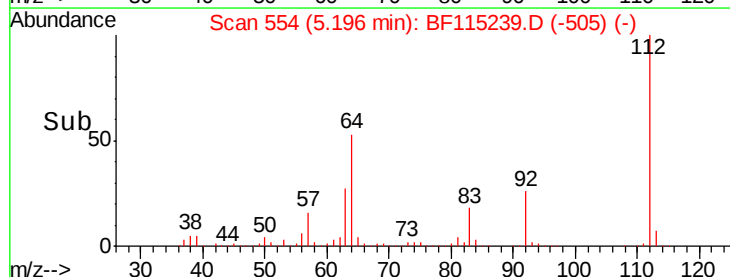
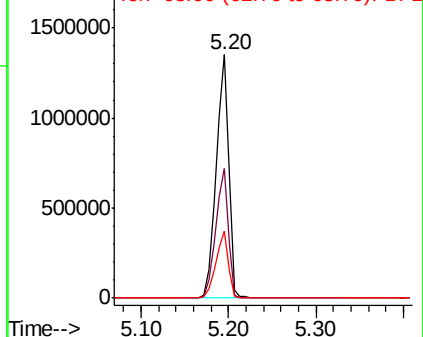
112 100

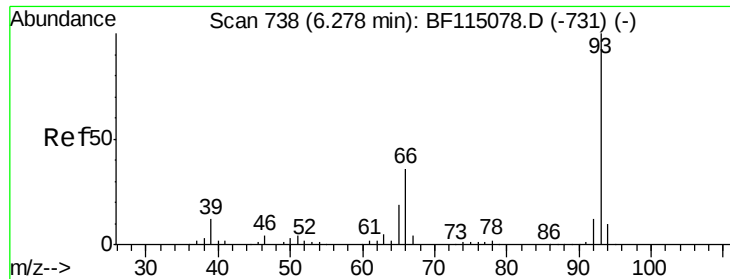
64 53.1 43.8 65.6

63 27.5 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





#6

Aniline

Concen: 0.076 ng

RT: 6.25 min Scan# 733

Delta R.T. -0.03 min

Lab File: BF115239.D

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FK-PS-01-050

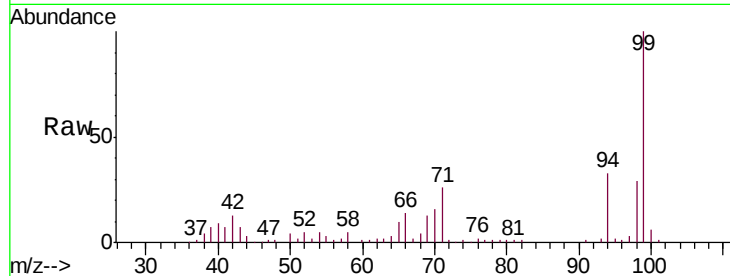
Tgt Ion: 93 Resp: 1781

Ion Ratio Lower Upper

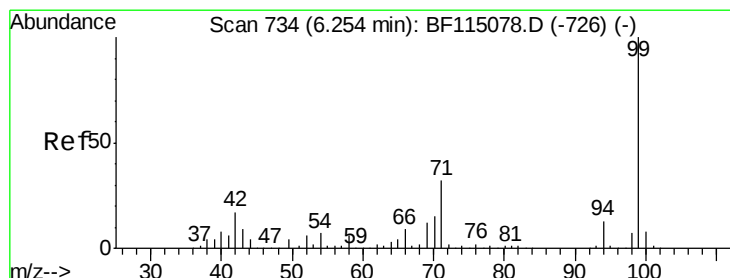
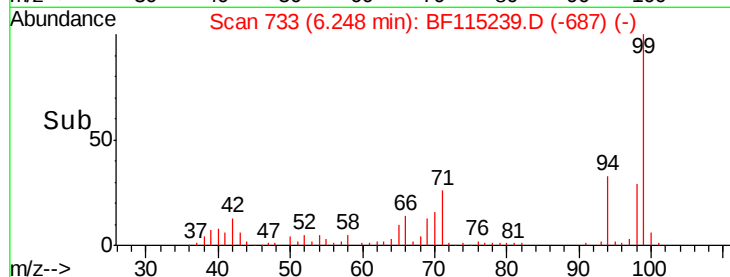
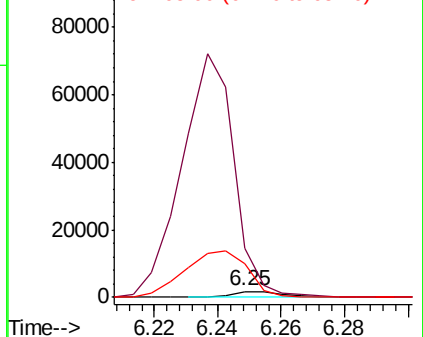
93 100

66 832.9 30.0 45.0#

65 569.2 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: 101.325 ng

RT: 6.24 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF115239.D

Acq: 27 Jun 2019 16:34

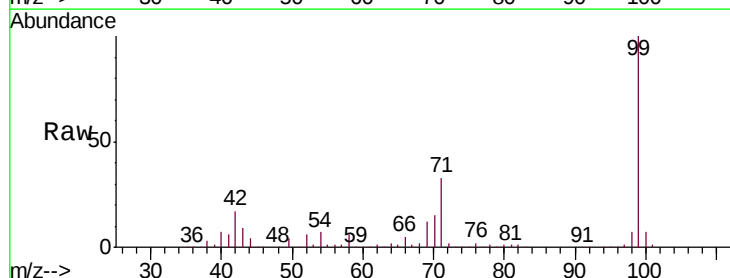
Tgt Ion: 99 Resp: 1721637

Ion Ratio Lower Upper

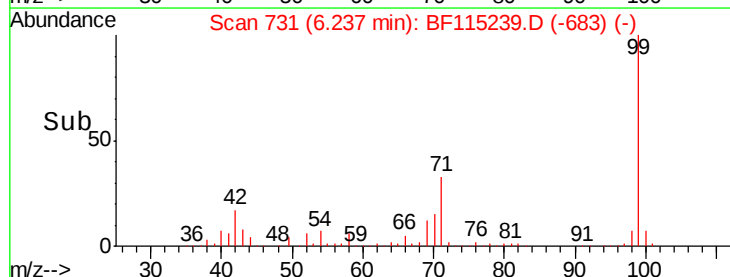
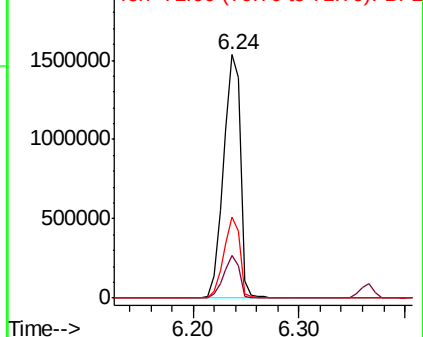
99 100

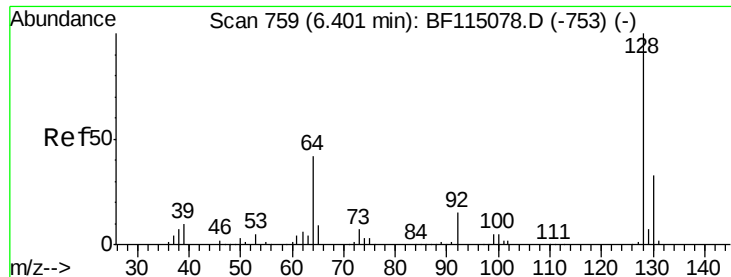
42 17.3 13.6 20.4

71 33.2 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

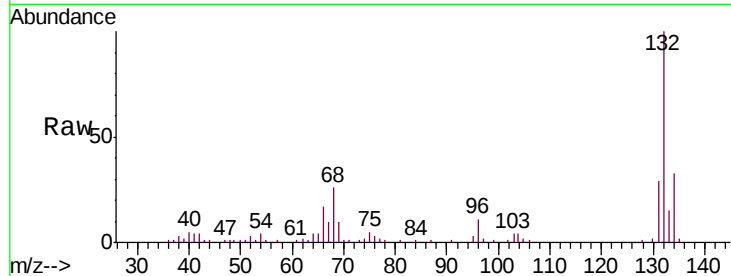




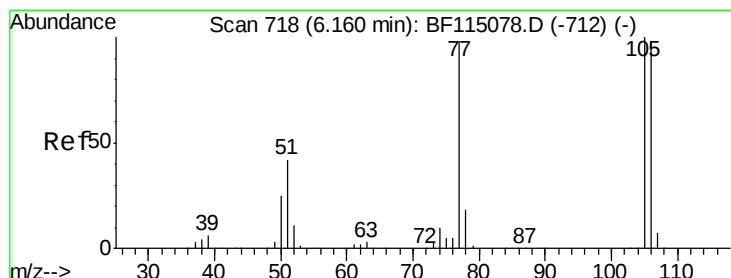
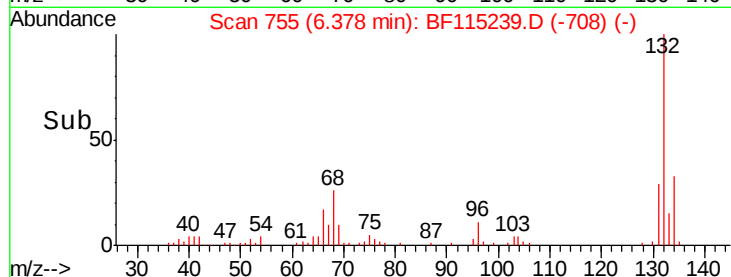
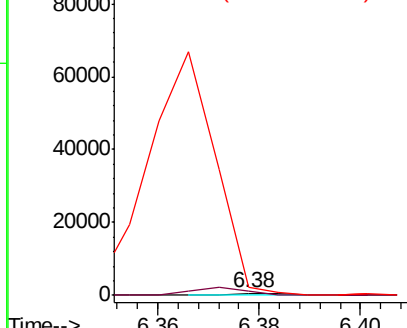
#8
2-Chlorophenol
Concen: 0.024 ng
RT: 6.38 min Scan# 755
Delta R.T. -0.02 min
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Tgt Ion:128 Resp: 379
Ion Ratio Lower Upper
128 100
130 179.1 12.9 52.9#
64 393.9 22.9 62.9#

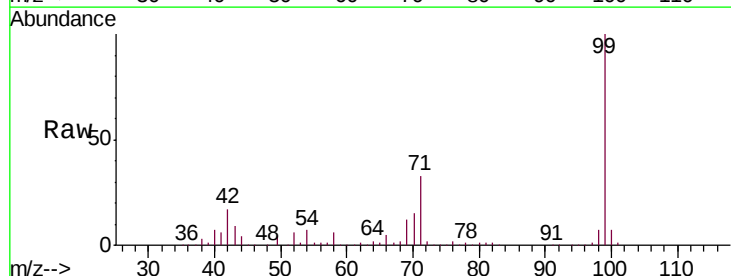


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1

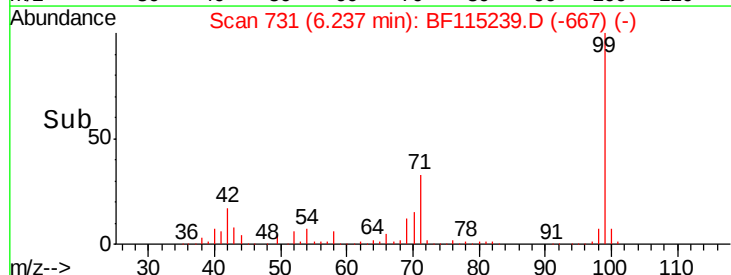
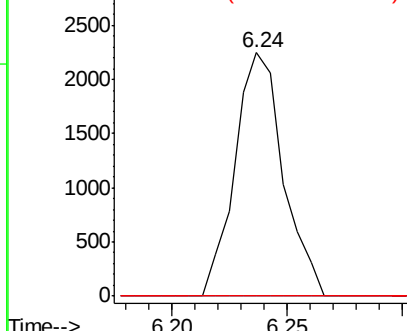


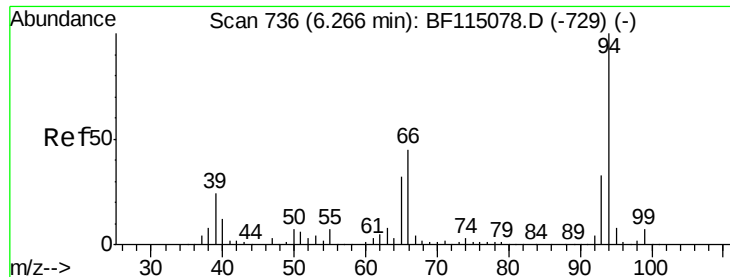
#9
Benzaldehyde
Concen: 0.296 ng
RT: 6.24 min Scan# 731
Delta R.T. 0.08 min
Lab File: BF115239.D
Acq: 27 Jun 2019 16:34

Tgt Ion: 77 Resp: 3281
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: 0.979 ng

RT: 6.25 min Scan# 733

Delta R.T. -0.02 min

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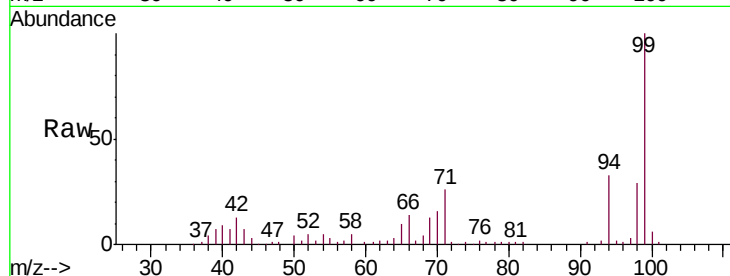
Tgt Ion: 94 Resp: 19486

Ion Ratio Lower Upper

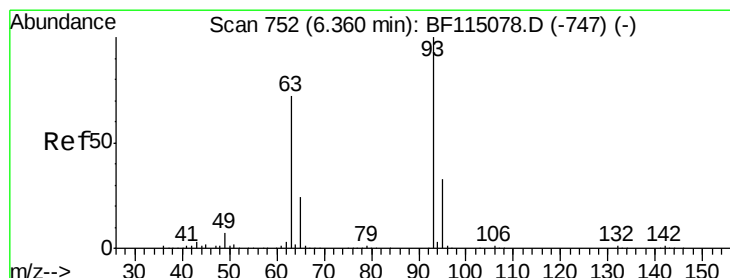
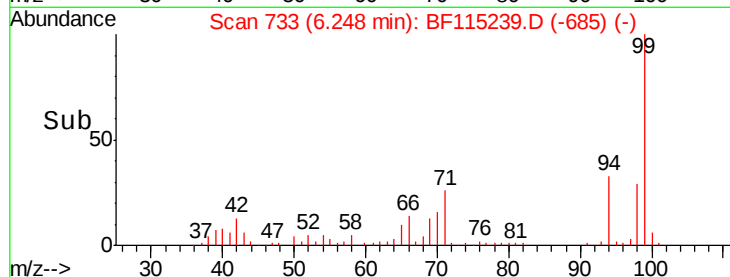
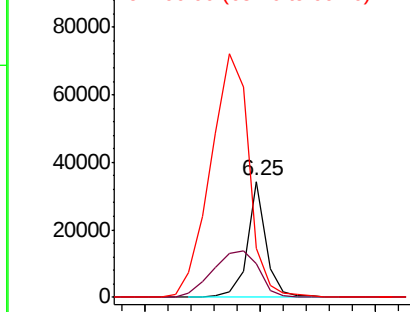
94 100

65 29.1 11.9 51.9

66 42.5 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: 0.137 ng

RT: 6.37 min Scan# 753

Delta R.T. 0.01 min

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Acq: 27 Jun 2019 16:34

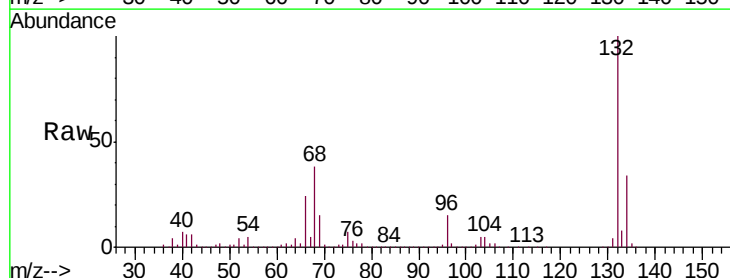
Tgt Ion: 93 Resp: 2012

Ion Ratio Lower Upper

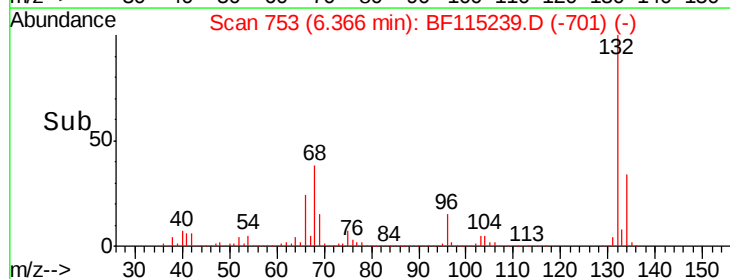
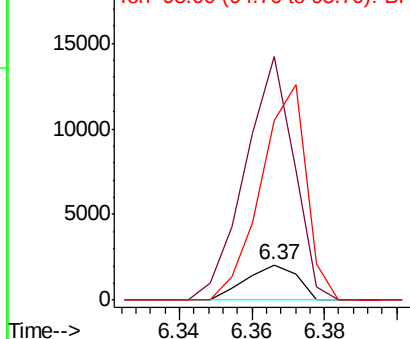
93 100

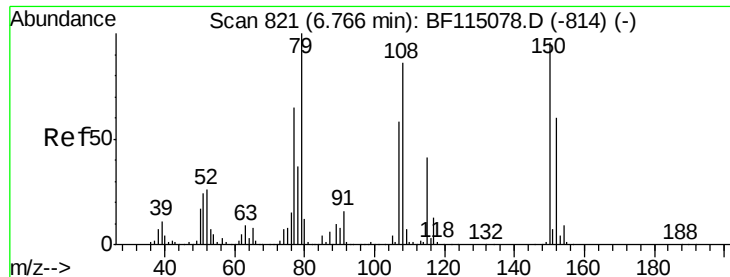
63 690.3 51.5 91.5#

95 510.3 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: 1.346 ng

RT: 6.75 min Scan# 819

Delta R.T. -0.01 min

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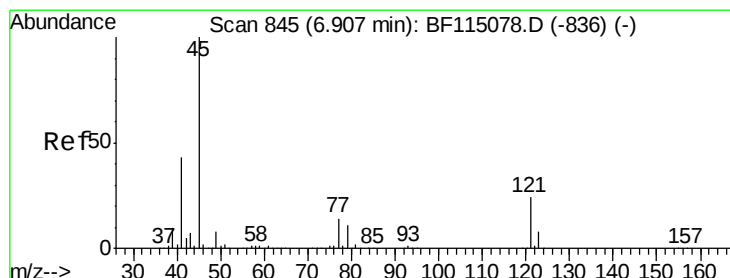
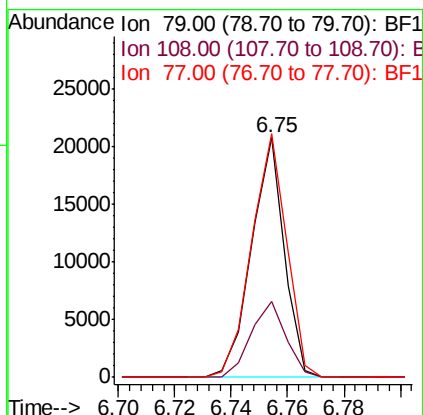
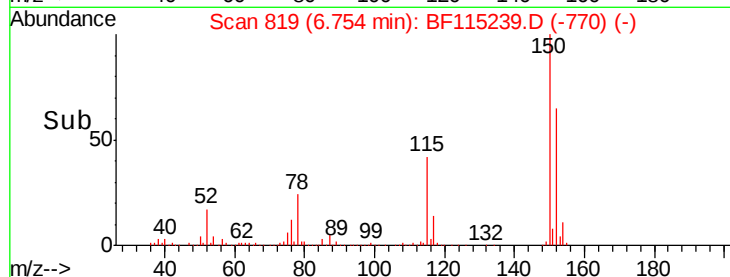
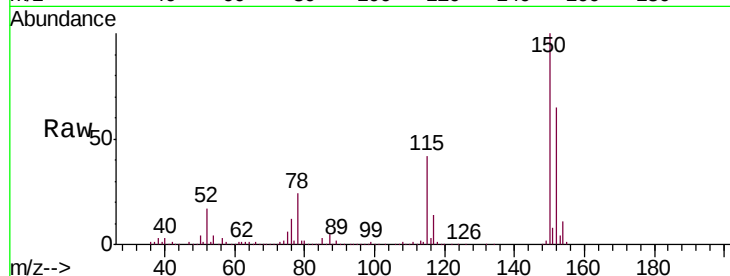
Tgt Ion: 79 Resp: 16648

Ion Ratio Lower Upper

79 100

108 31.8 68.7 103.1#

77 101.8 51.7 77.5#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.005 ng

RT: 6.82 min Scan# 830

Delta R.T. -0.09 min

Lab File: BF115239.D

Acq: 27 Jun 2019 16:34

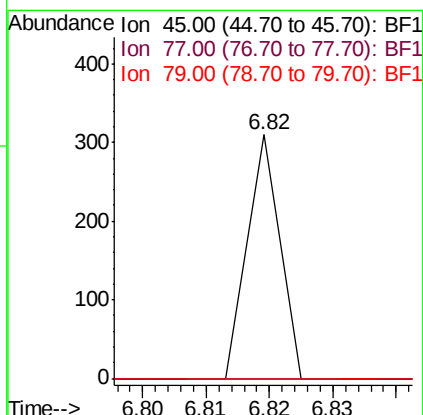
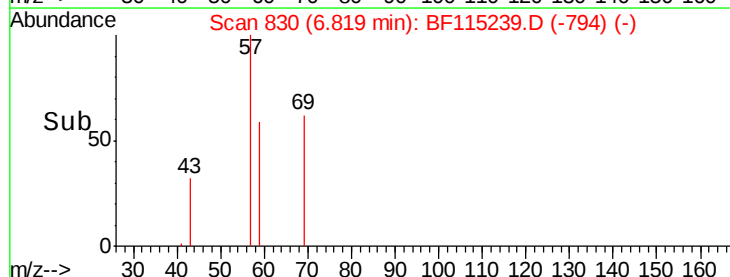
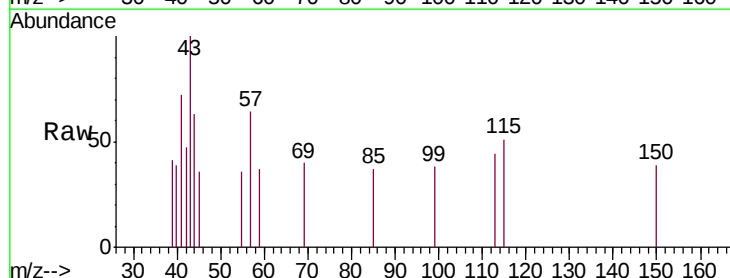
Tgt Ion: 45 Resp: 109

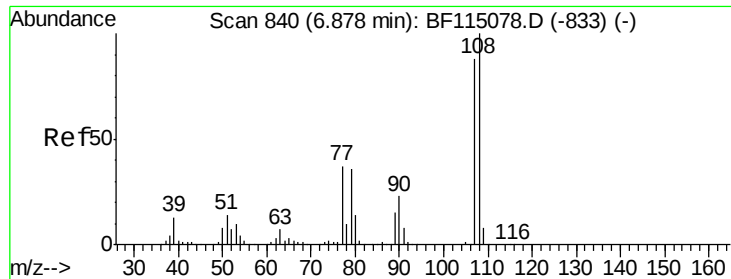
Ion Ratio Lower Upper

45 100

77 0.0 0.0 34.6

79 0.0 0.0 31.2

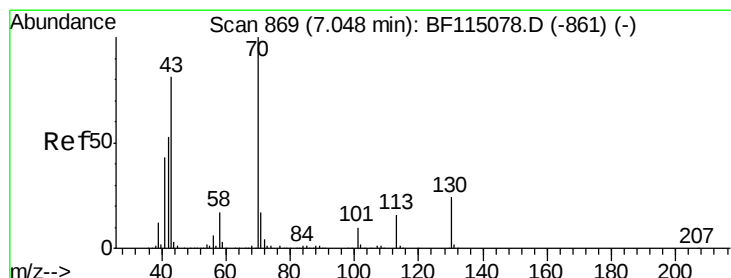
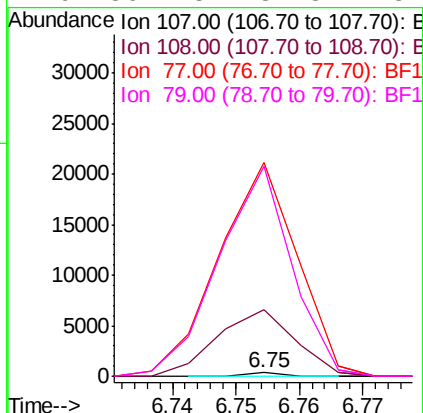
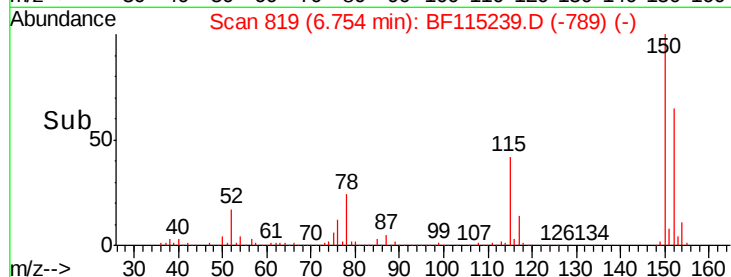
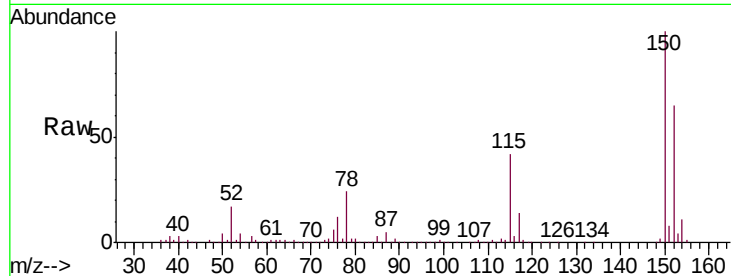




#17
2-Methylphenol
Concen: 0.010 ng
RT: 6.75 min Scan# 819
Delta R.T. -0.12 min
Lab File: BF115239.D
Acq: 27 Jun 2019 16:34

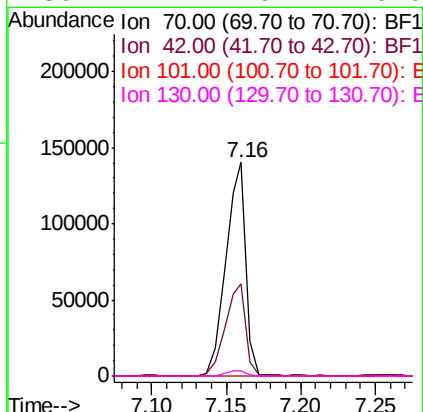
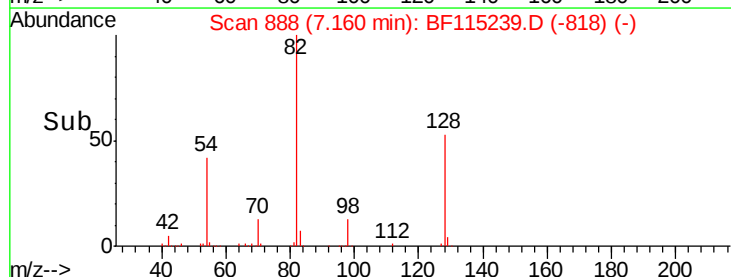
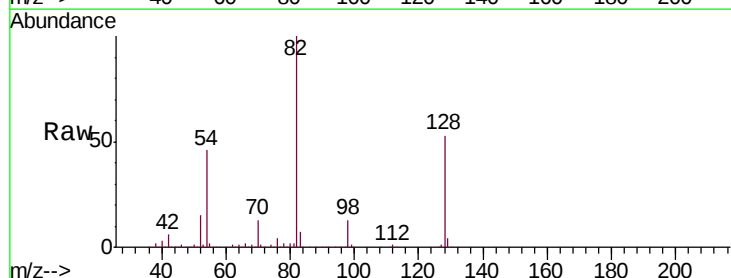
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-050

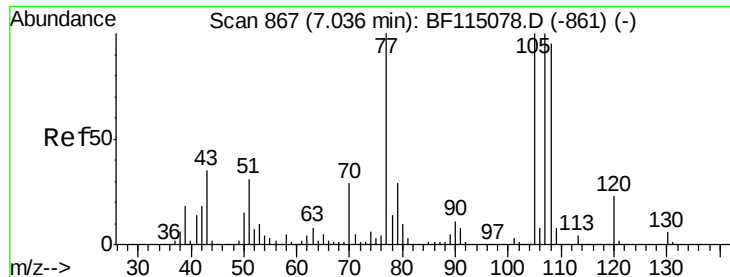
Tgt Ion: 107 Resp: 129
Ion Ratio Lower Upper
107 100
108 1805.5 90.9 136.3#
77 5774.9 33.4 50.2#
79 5674.3 32.3 48.5#



#19
n-Nitroso-di-n-propylamine
Concen: 12.214 ng
RT: 7.16 min Scan# 888
Delta R.T. 0.11 min
Lab File: BF115239.D
Acq: 27 Jun 2019 16:34

Tgt Ion: 70 Resp: 132860
Ion Ratio Lower Upper
70 100
42 43.3 42.6 63.8
101 0.0 8.0 12.0#
130 2.2 19.4 29.0#

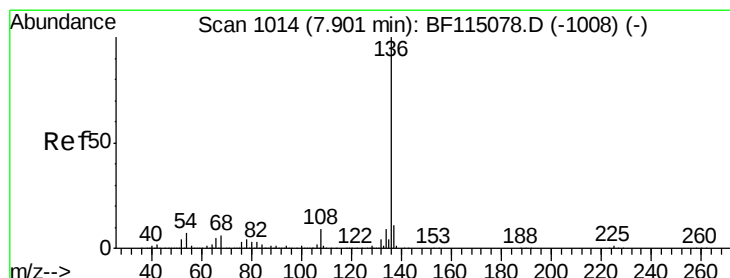
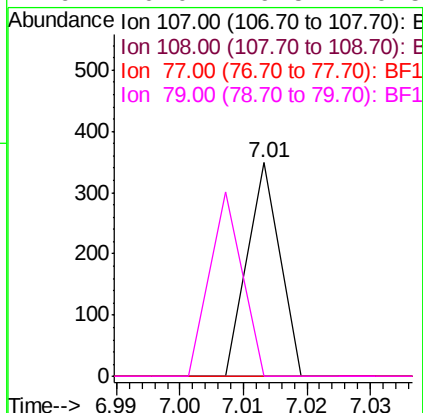
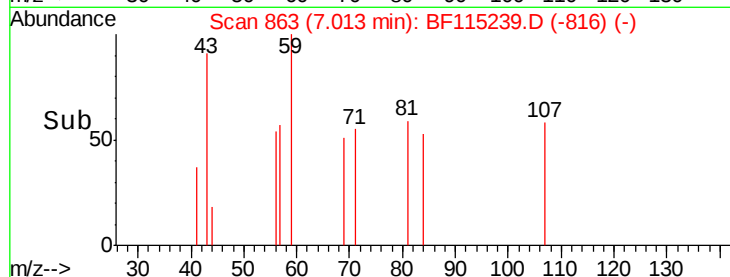
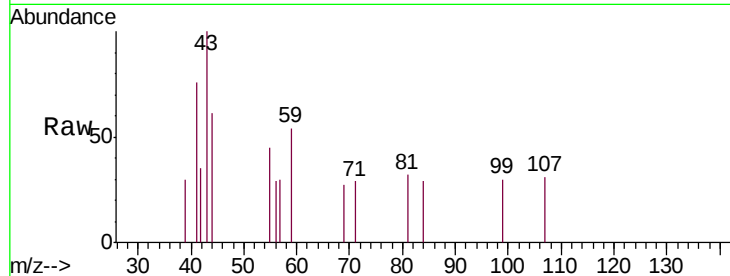




#20
3+4-Methylphenols
Concen: 0.008 ng
RT: 7.01 min Scan# 863
Delta R.T. -0.02 min
Lab File: BF115239.D
Acq: 27 Jun 2019 16:34

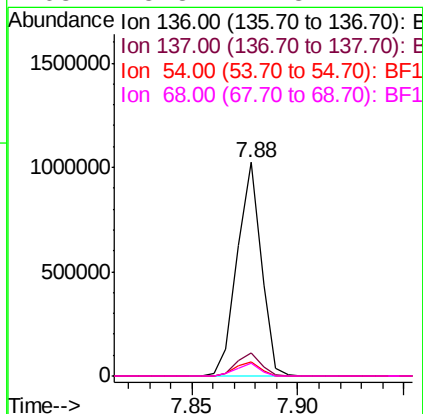
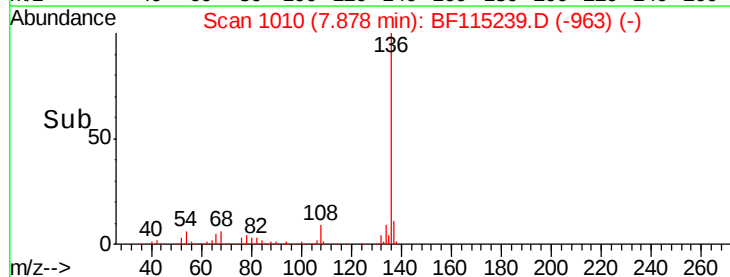
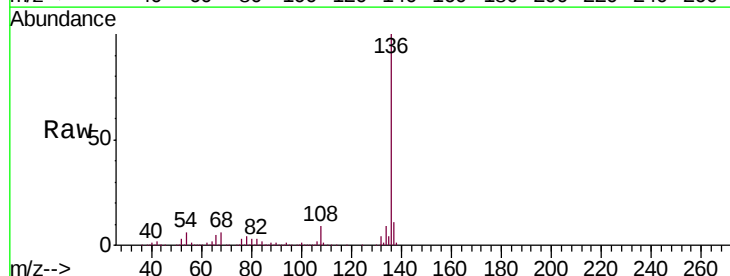
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-050

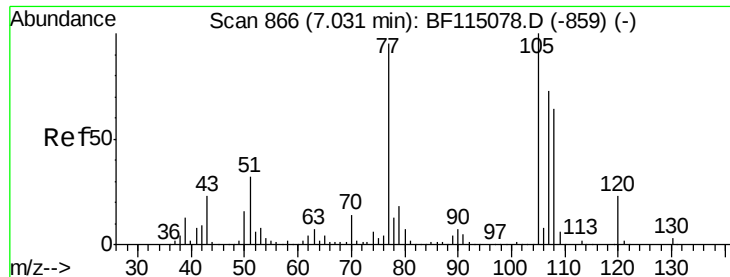
Tgt Ion	Ratio	Lower	Upper
107	100		
108	0.0	75.5	115.5#
77	0.0	80.2	120.2#
79	0.0	9.5	49.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BF115239.D
Acq: 27 Jun 2019 16:34

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.5	5.6	8.4
68	5.8	4.8	7.2





#22

Acetophenone

Concen: 0.006 ng

RT: 7.00 min Scan# 861

Delta R.T. -0.03 min

Lab File: BF115239.D

Acq: 27 Jun 2019 16:34

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-050

Tgt Ion: 105 Resp: 115

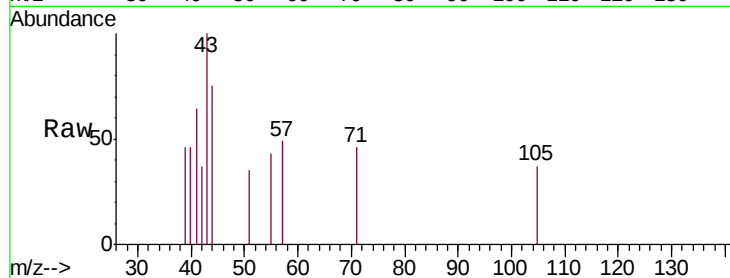
Ion Ratio Lower Upper

105 100

71 124.8 1.9 2.9#

51 94.8 25.8 38.8#

120 0.0 18.5 27.7#

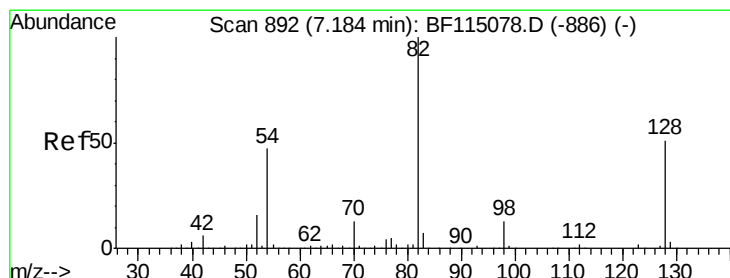
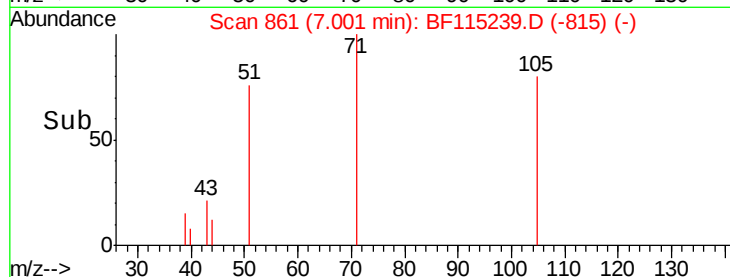
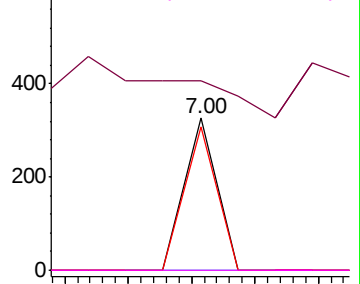


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 76.315 ng

RT: 7.16 min Scan# 888

Delta R.T. -0.02 min

Lab File: BF115239.D

Acq: 27 Jun 2019 16:34

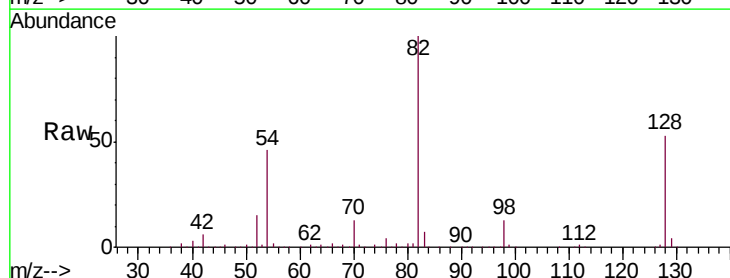
Tgt Ion: 82 Resp: 996580

Ion Ratio Lower Upper

82 100

128 52.6 40.4 60.6

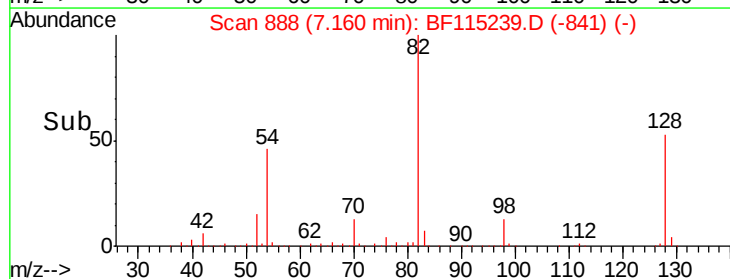
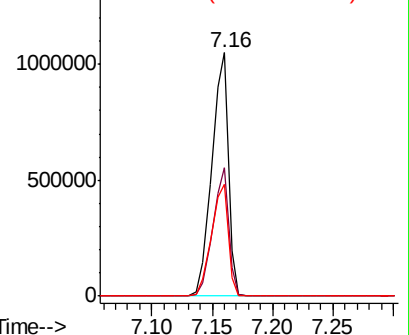
54 45.7 37.5 56.3

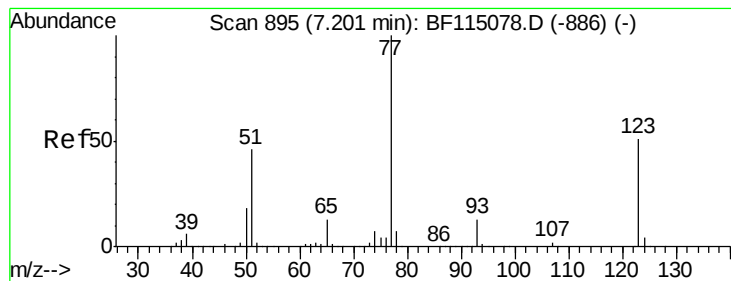


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 0.210 ng

RT: 7.16 min Scan# 888

Delta R.T. -0.04 min

Lab File: BF115239.D

Acq: 27 Jun 2019 16:34

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-050

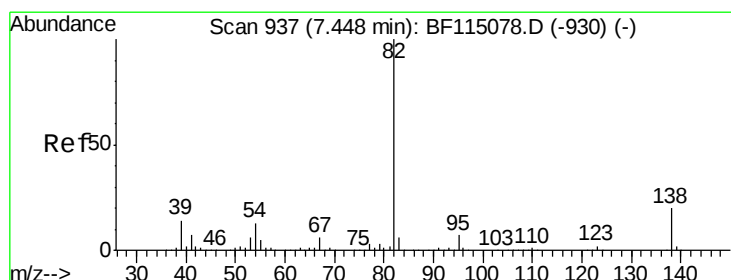
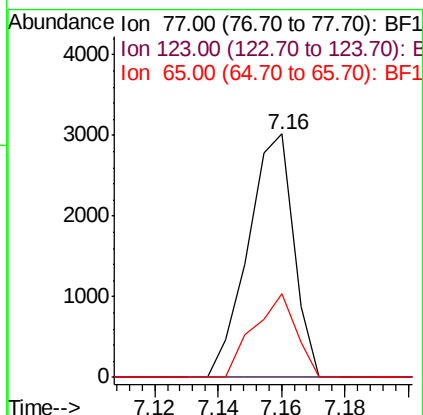
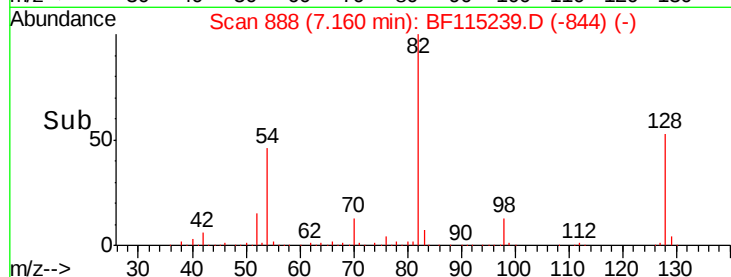
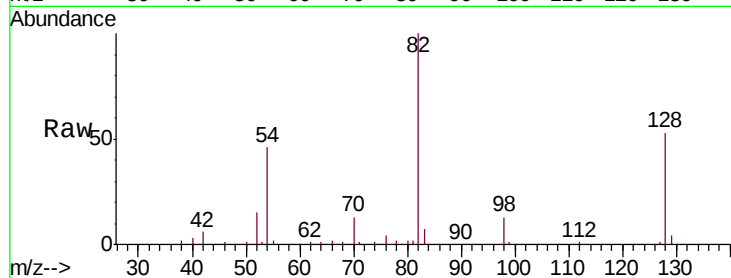
Tgt Ion: 77 Resp: 3018

Ion Ratio Lower Upper

77 100

123 0.0 41.0 61.6#

65 34.4 10.5 15.7#



#25

Isophorone

Concen: 36.849 ng

RT: 7.16 min Scan# 888

Delta R.T. -0.29 min

Lab File: BF115239.D

Acq: 27 Jun 2019 16:34

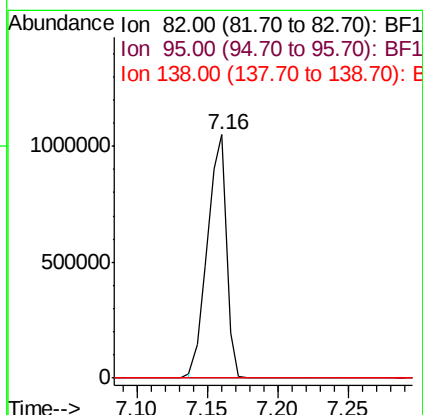
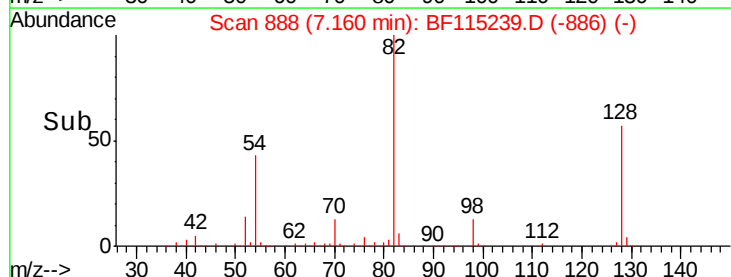
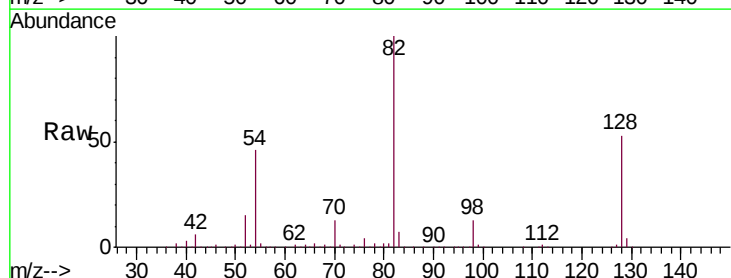
Tgt Ion: 82 Resp: 985760

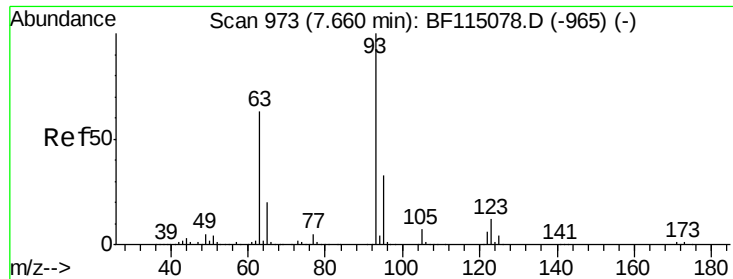
Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

138 0.0 15.9 23.9#

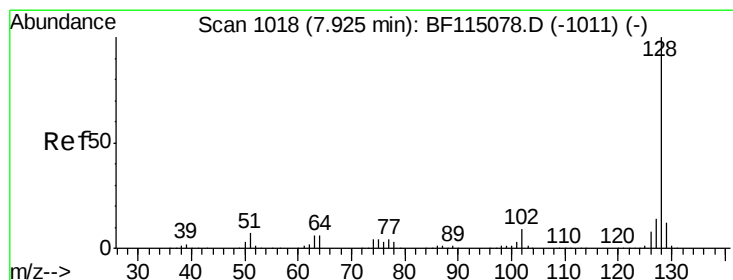
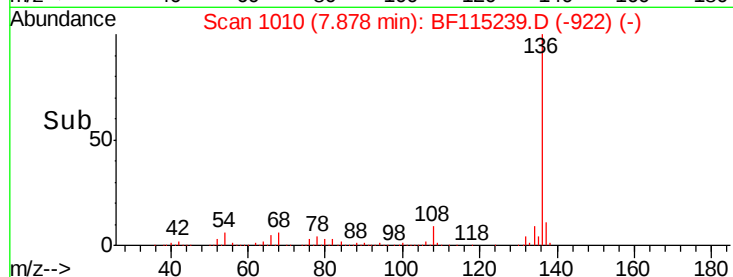
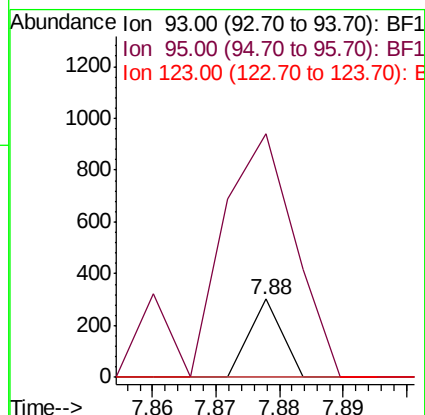
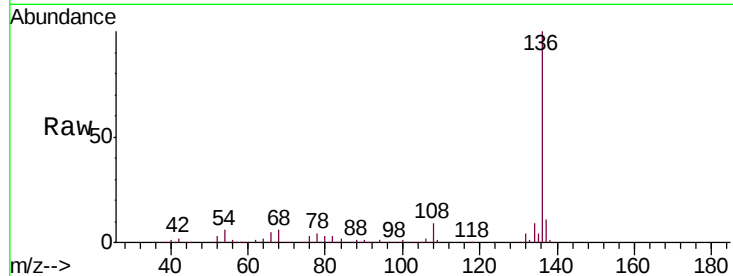




#28
bis(2-Chloroethoxy)methane
Concen: 0.006 ng
RT: 7.88 min Scan# 1010
Delta R.T. 0.22 min
Lab File: BF115239.D
Acq: 27 Jun 2019 16:34

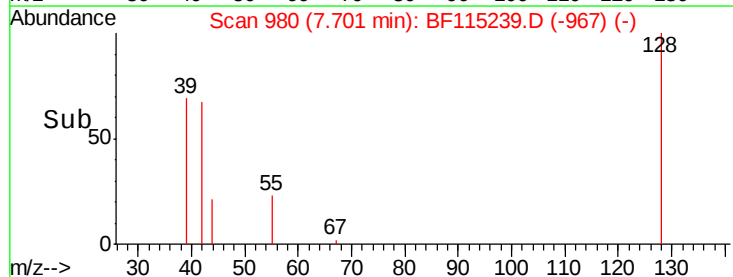
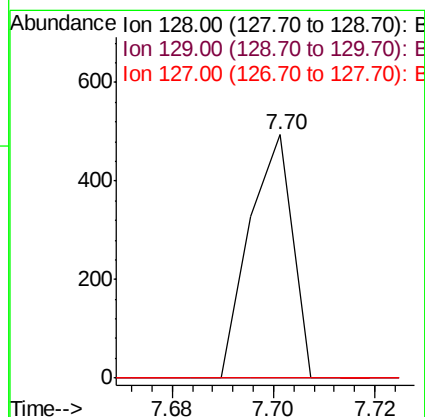
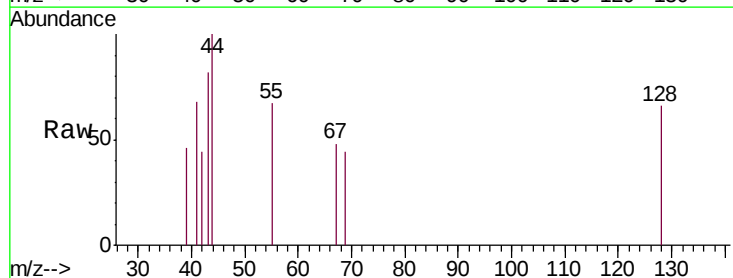
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-050

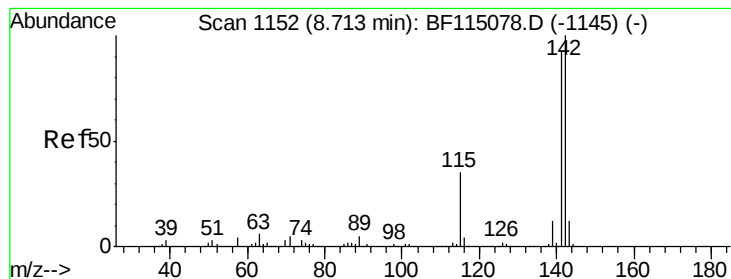
Tgt Ion: 93 Resp: 107
Ion Ratio Lower Upper
93 100
95 310.2 26.2 39.4#
123 0.0 9.7 14.5#



#31
Naphthalene
Concen: 0.007 ng
RT: 7.70 min Scan# 980
Delta R.T. -0.22 min
Lab File: BF115239.D
Acq: 27 Jun 2019 16:34

Tgt Ion: 128 Resp: 290
Ion Ratio Lower Upper
128 100
129 0.0 9.6 14.4#
127 0.0 11.4 17.0#

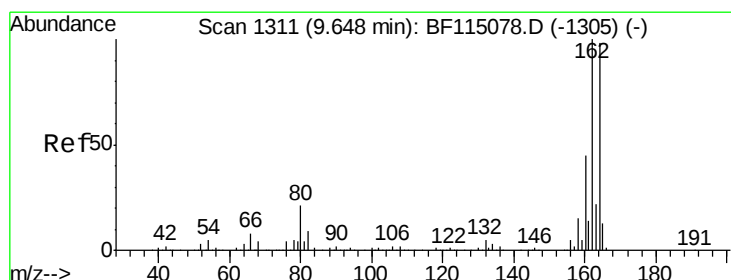
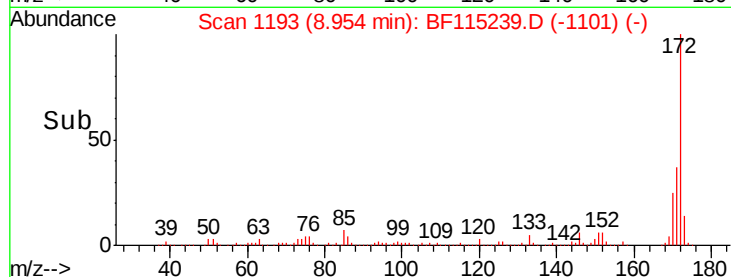
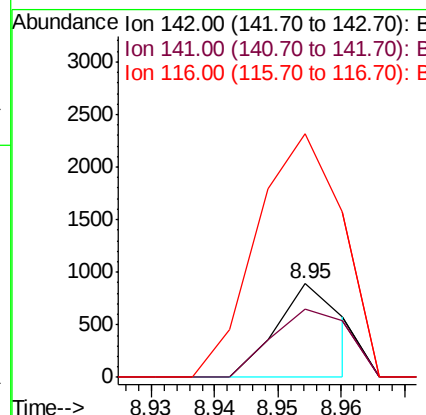
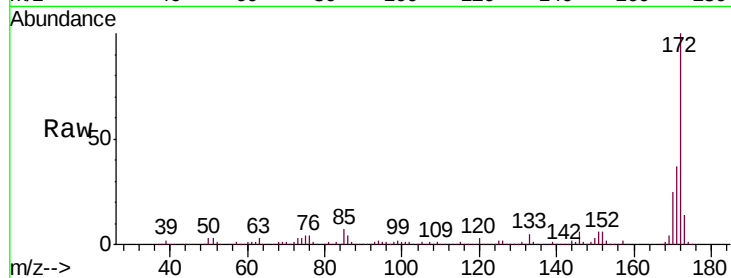




#38
1-Methylnaphthalene
Concen: 0.025 ng
RT: 8.95 min Scan# 1193
Delta R.T. 0.24 min
Lab File: BF115239.D
Acq: 27 Jun 2019 16:34

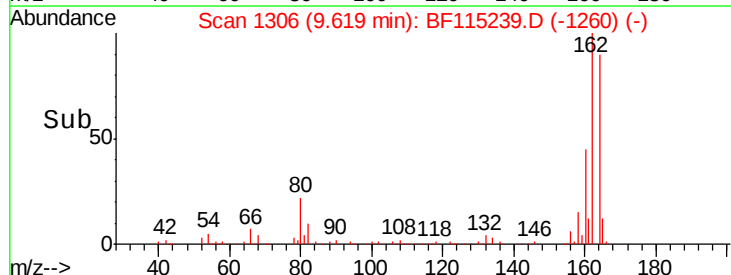
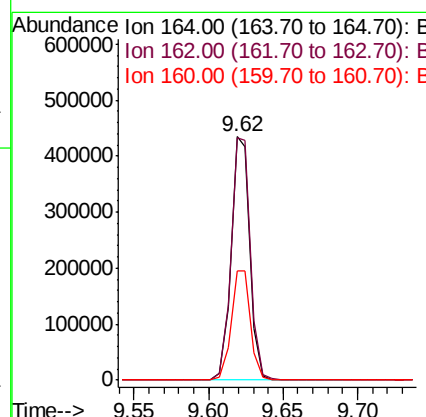
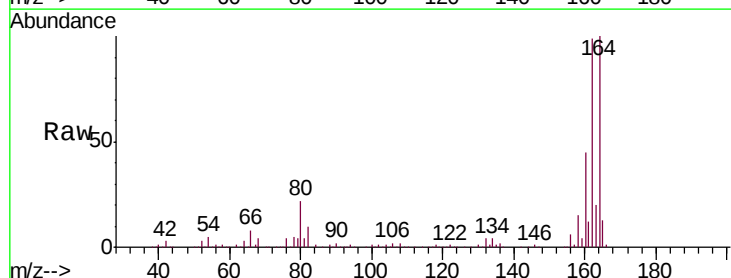
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-050

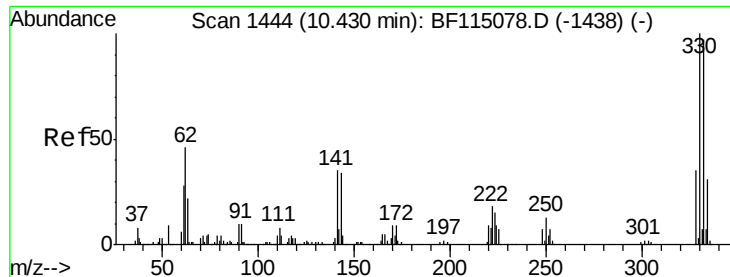
Tgt Ion:142 Resp: 641
Ion Ratio Lower Upper
142 100
141 72.4 73.8 110.8#
116 259.9 2.8 4.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.62 min Scan# 1306
Delta R.T. -0.03 min
Lab File: BF115239.D
Acq: 27 Jun 2019 16:34

Tgt Ion:164 Resp: 386788
Ion Ratio Lower Upper
164 100
162 99.5 81.7 122.5
160 44.7 37.0 55.4

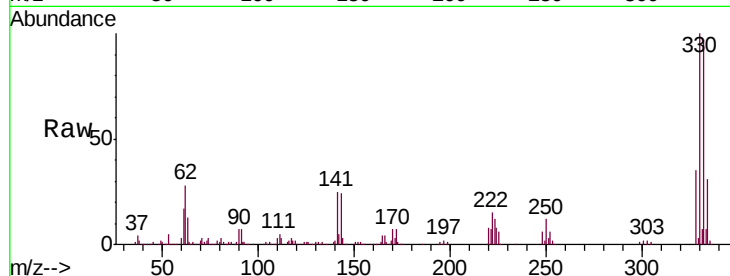




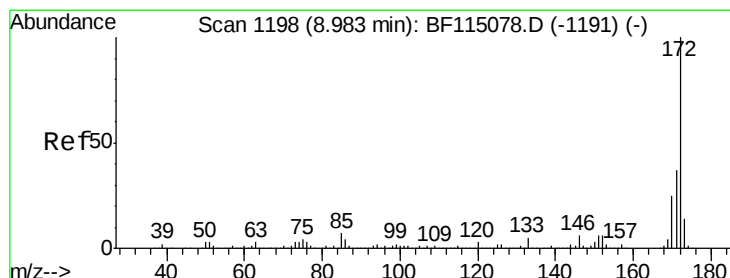
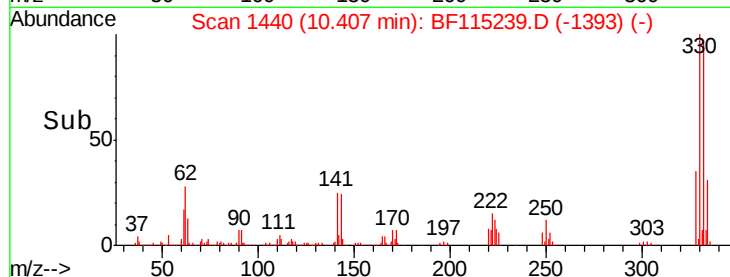
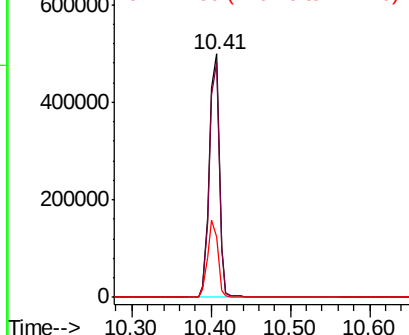
#42
 2,4,6-Tribromophenol
 Concen: 108.129 ng
 RT: 10.41 min Scan# 1440
 Delta R.T. -0.02 min
 Lab File: BF115239.D
 Acq: 27 Jun 2019 16:34

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-050

Tgt Ion:330 Resp: 441039
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.3 115.9
 141 32.4 28.2 42.2

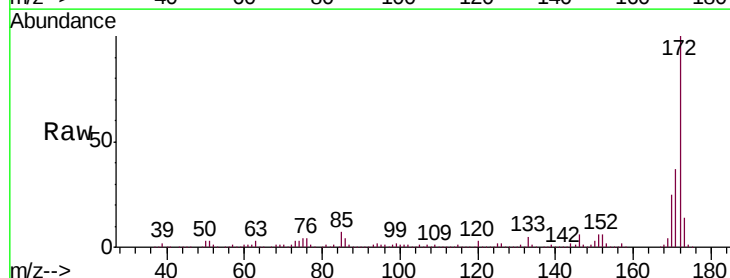


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

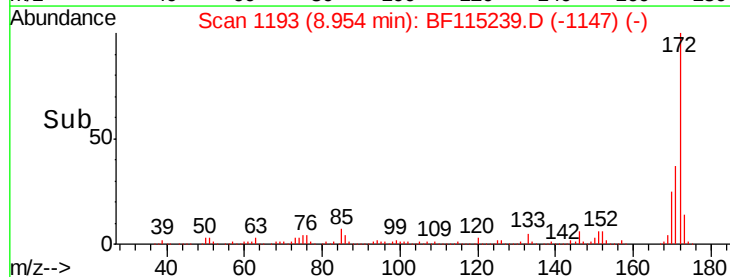
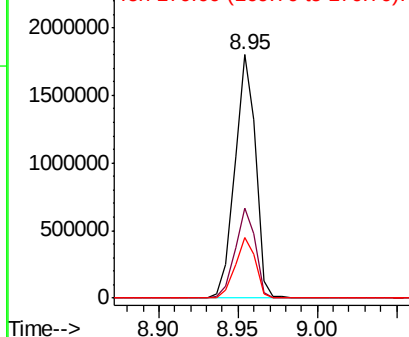


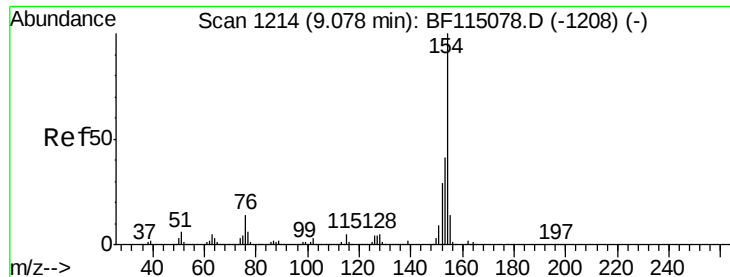
#45
 2-Fluorobiphenyl
 Concen: 71.530 ng
 RT: 8.95 min Scan# 1193
 Delta R.T. -0.03 min
 Lab File: BF115239.D
 Acq: 27 Jun 2019 16:34

Tgt Ion:172 Resp: 1628783
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.8 44.6
 170 25.0 20.3 30.5



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





#46

1,1'-Biphenyl

Concen: 0.093 ng

RT: 9.05 min Scan# 1209

Delta R.T. -0.03 min

Lab File: BF115239.D

Acq: 27 Jun 2019 16:34

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-050

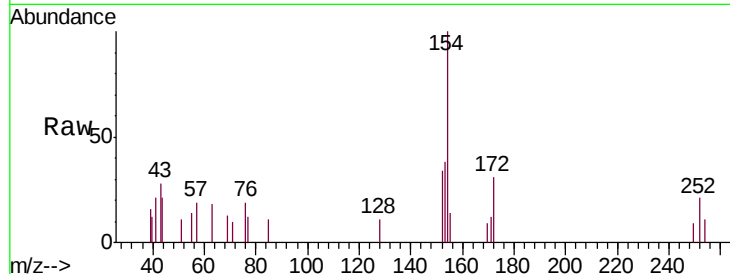
Tgt Ion:154 Resp: 2876

Ion Ratio Lower Upper

154 100

153 38.0 20.9 60.9

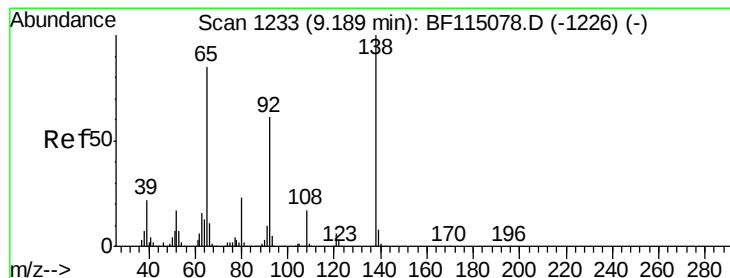
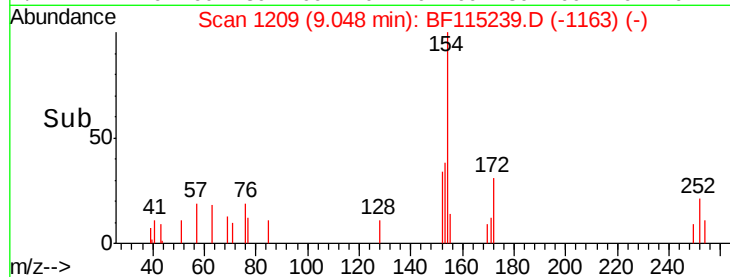
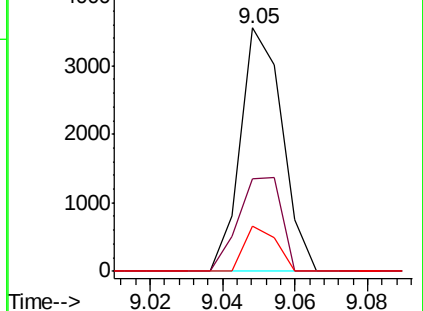
76 18.5 0.0 34.1



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



#48

2-Nitroaniline

Concen: 0.416 ng

RT: 9.35 min Scan# 1260

Delta R.T. 0.16 min

Lab File: BF115239.D

Acq: 27 Jun 2019 16:34

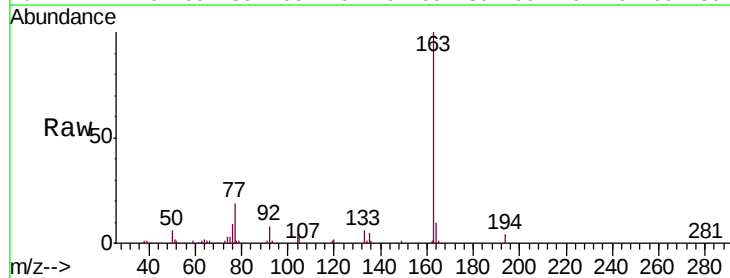
Tgt Ion: 65 Resp: 3045

Ion Ratio Lower Upper

65 100

92 974.5 57.4 86.2#

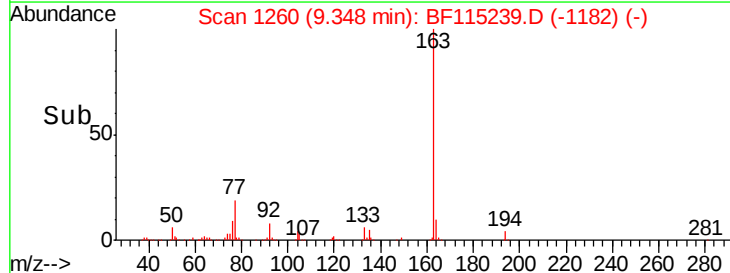
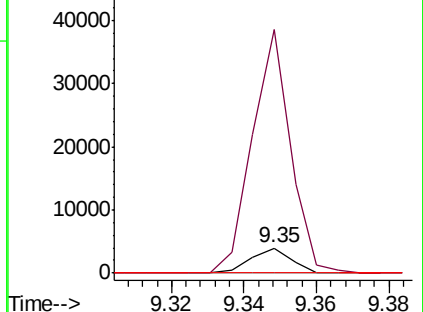
138 0.0 94.1 141.1#

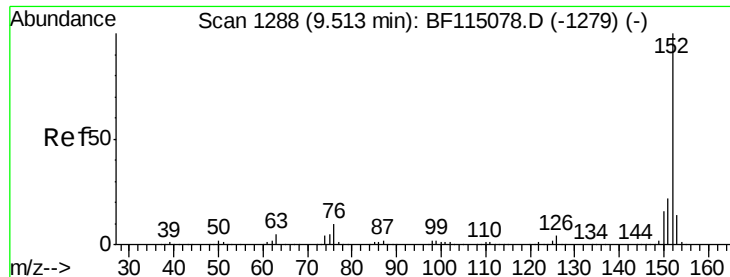


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 0.014 ng

RT: 9.48 min Scan# 1282

Delta R.T. -0.04 min

Lab File: BF115239.D

Acq: 27 Jun 2019 16:34

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-050

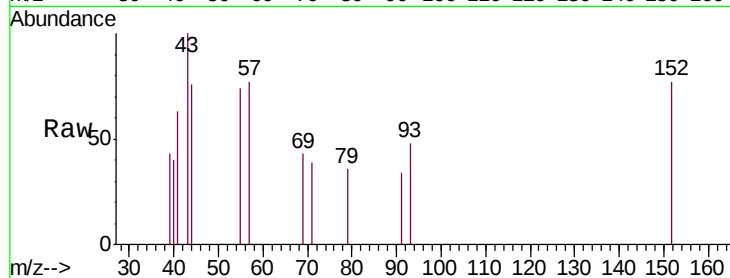
Tgt Ion:152 Resp: 554

Ion Ratio Lower Upper

152 100

151 0.0 17.2 25.8#

153 0.0 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

9.48

800

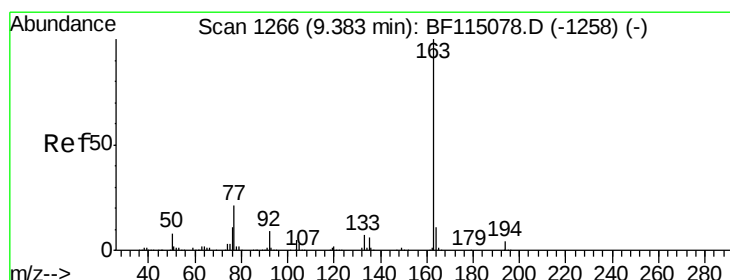
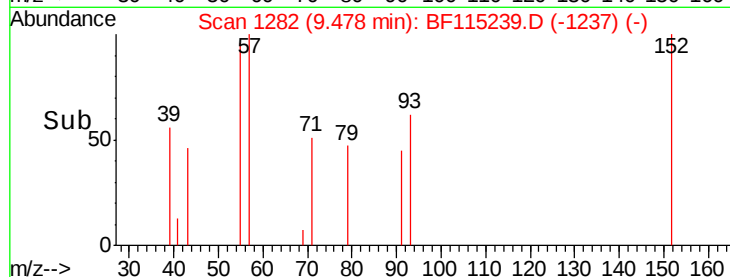
600

400

200

0

Time-->



#50

Dimethylphthalate

Concen: 12.237 ng

RT: 9.35 min Scan# 1260

Delta R.T. -0.04 min

Lab File: BF115239.D

Acq: 27 Jun 2019 16:34

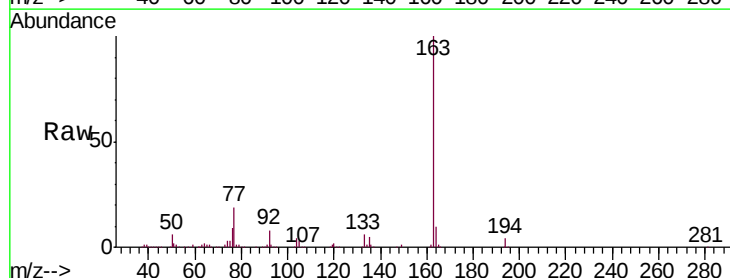
Tgt Ion:163 Resp: 348220

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

164 10.3 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

9.35

600000

500000

400000

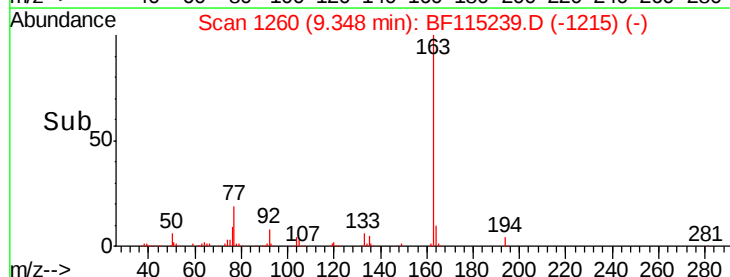
300000

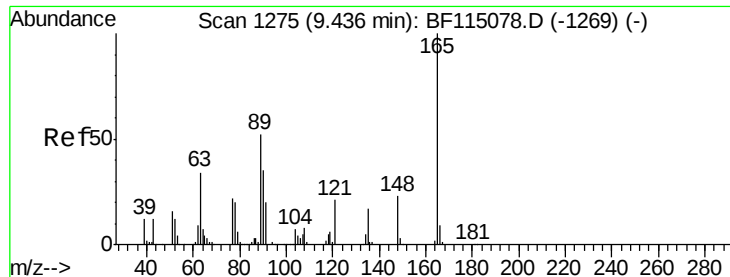
200000

100000

0

Time-->





#51

2,6-Dinitrotoluene

Concen: 0.576 ng

RT: 9.35 min Scan# 1260

Delta R.T. -0.09 min

Lab File: BF115239.D

Acq: 27 Jun 2019 16:34

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-050

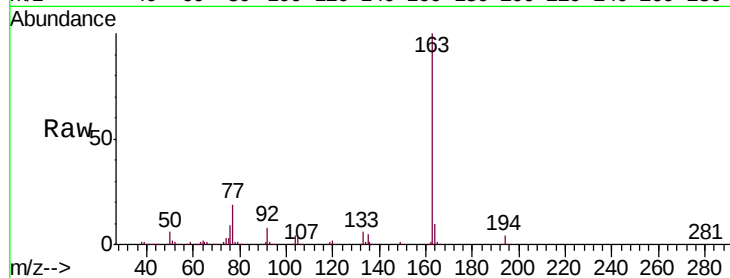
Tgt Ion:165 Resp: 3785

Ion Ratio Lower Upper

165 100

63 125.9 39.4 59.2#

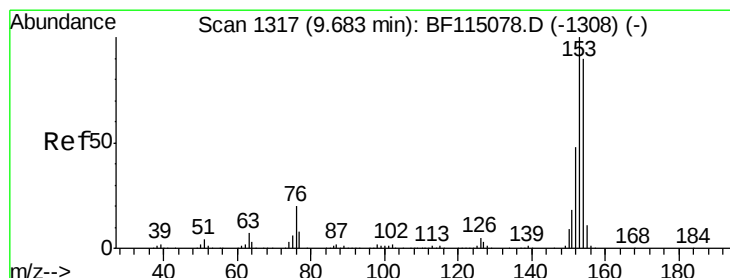
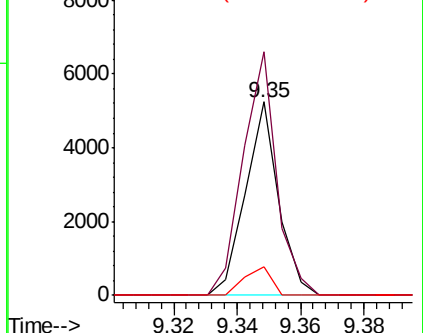
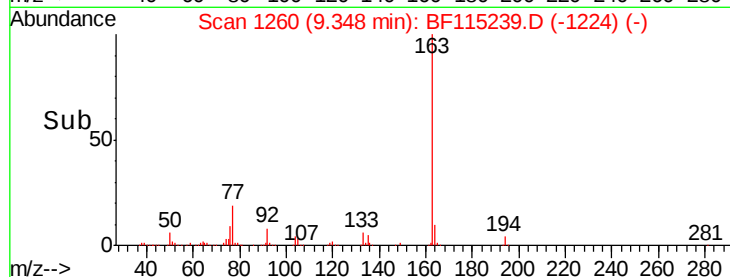
89 14.6 42.0 63.0#



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: 0.005 ng

RT: 9.65 min Scan# 1311

Delta R.T. -0.04 min

Lab File: BF115239.D

Acq: 27 Jun 2019 16:34

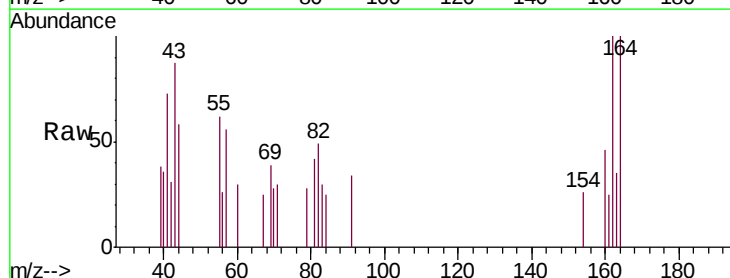
Tgt Ion:154 Resp: 119

Ion Ratio Lower Upper

154 100

153 0.0 88.7 133.1#

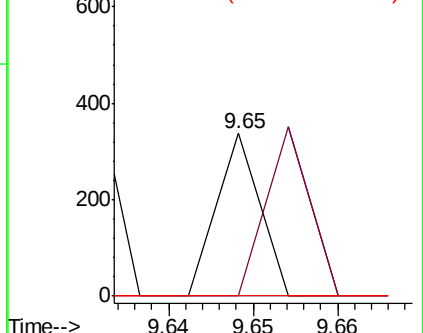
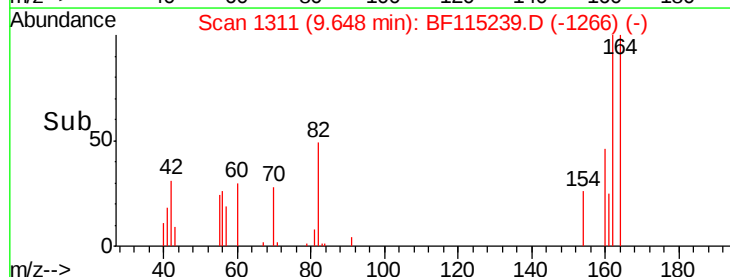
152 0.0 42.6 64.0#

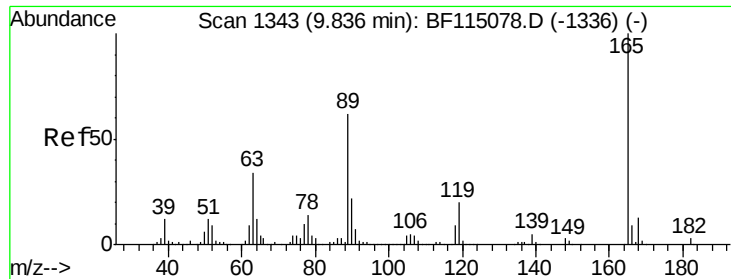


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

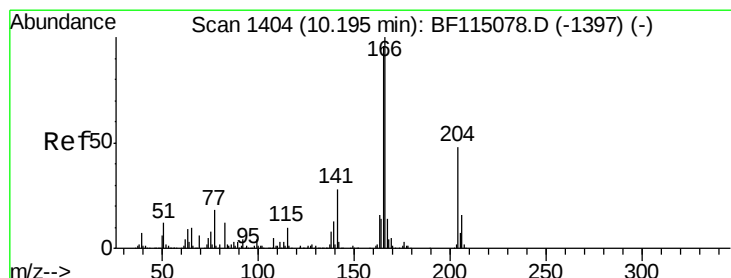
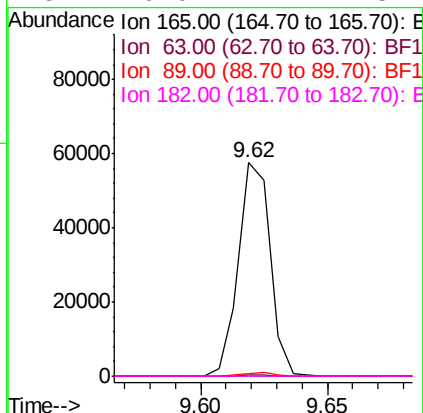
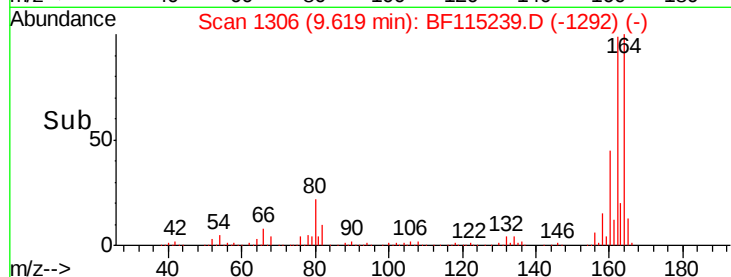
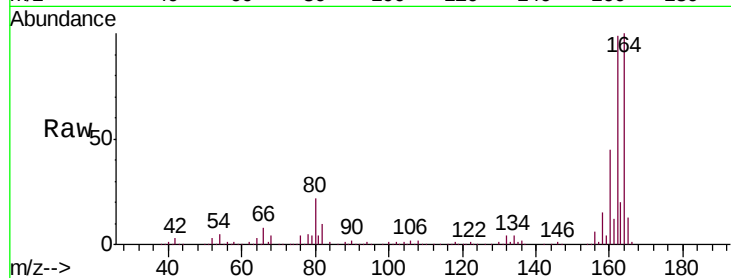




#57
2,4-Dinitrotoluene
Concen: 5.918 ng
RT: 9.62 min Scan# 1306
Delta R.T. -0.22 min
Lab File: BF115239.D
Acq: 27 Jun 2019 16:34

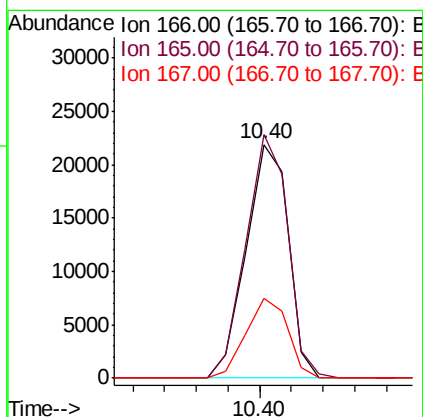
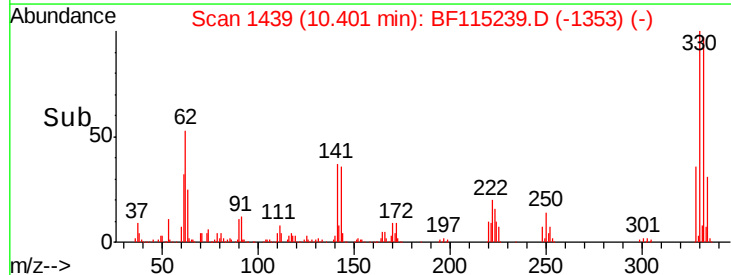
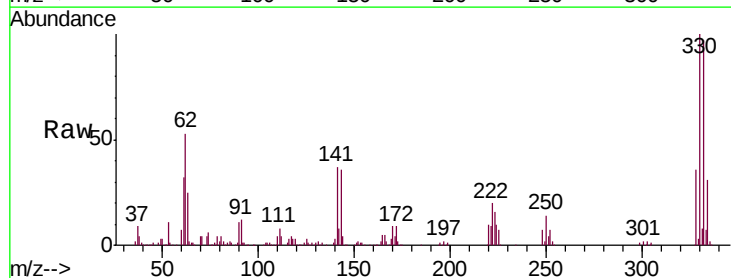
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-050

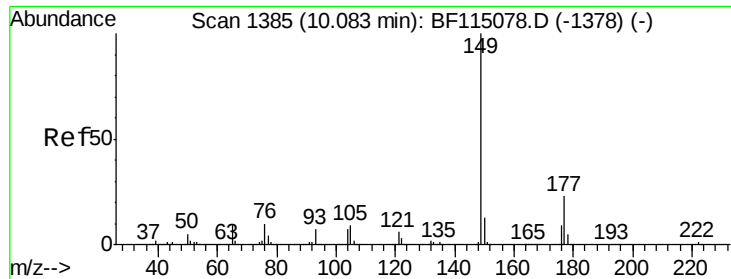
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	27.5	41.3#
89	1.1	49.9	74.9#
182	0.0	2.1	3.1#



#58
Fluorene
Concen: Below Cal
RT: 10.40 min Scan# 1439
Delta R.T. 0.21 min
Lab File: BF115239.D
Acq: 27 Jun 2019 16:34

Tgt Ion	Ratio	Lower	Upper
166	100		
165	104.3	76.5	114.7
167	33.9	11.0	16.4#

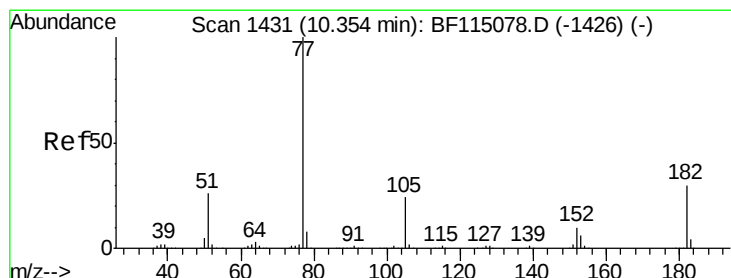
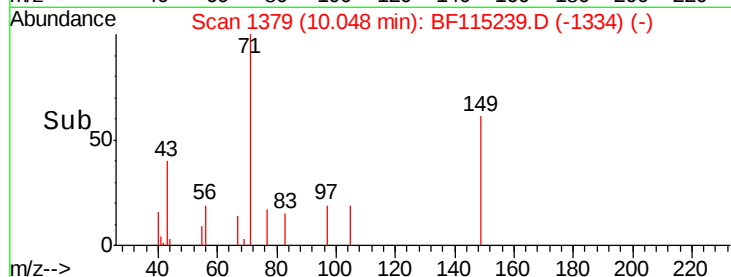
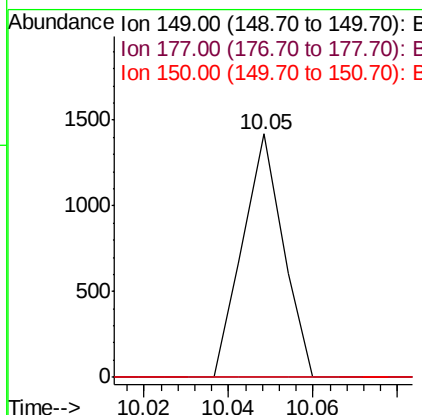
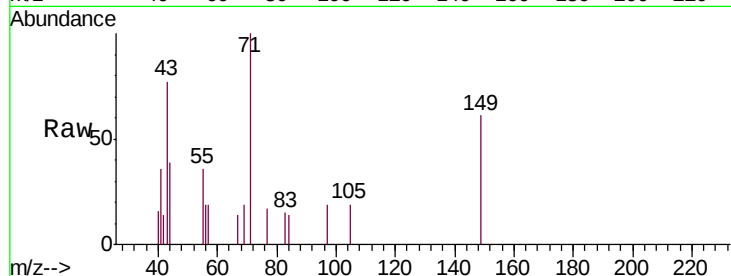




#60
Diethylphthalate
Concen: 0.033 ng
RT: 10.05 min Scan# 1379
Delta R.T. -0.04 min
Lab File: BF115239.D
Acq: 27 Jun 2019 16:34

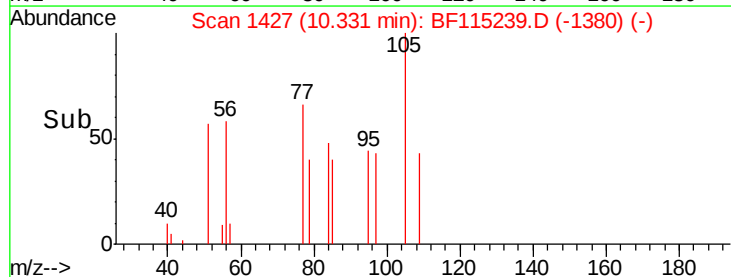
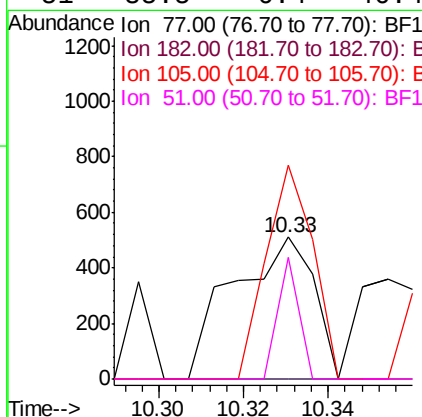
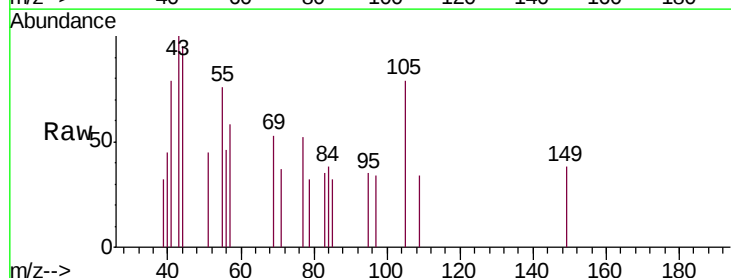
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-050

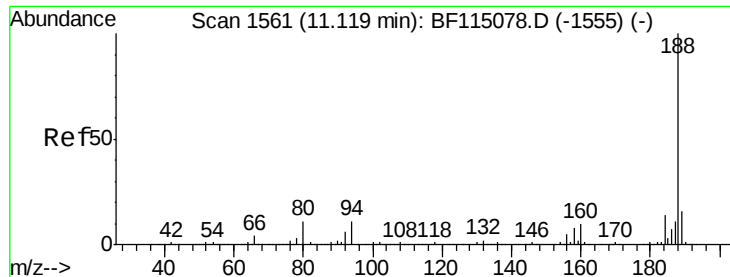
Tgt Ion: 149 Resp: 949
Ion Ratio Lower Upper
149 100
177 0.0 18.7 28.1#
150 0.0 10.4 15.6#



#63
Azobenzene
Concen: 0.026 ng
RT: 10.33 min Scan# 1427
Delta R.T. -0.02 min
Lab File: BF115239.D
Acq: 27 Jun 2019 16:34

Tgt Ion: 77 Resp: 682
Ion Ratio Lower Upper
77 100
182 0.0 10.1 50.1#
105 150.8 4.5 44.5#
51 85.5 6.4 46.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.10 min Scan# 1557

Delta R.T. -0.02 min

Lab File: BF115239.D

Acq: 27 Jun 2019 16:34

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-050

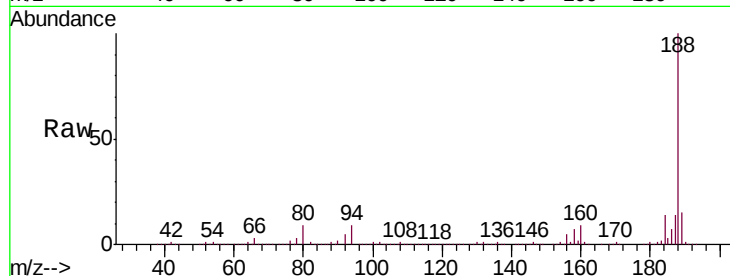
Tgt Ion:188 Resp: 771077

Ion Ratio Lower Upper

188 100

94 8.9 8.6 12.8

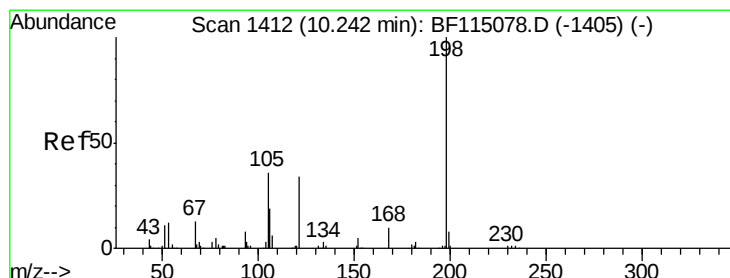
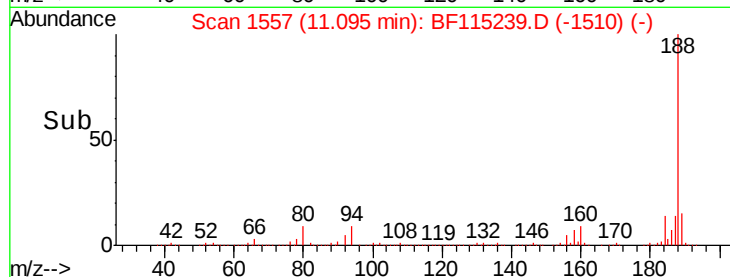
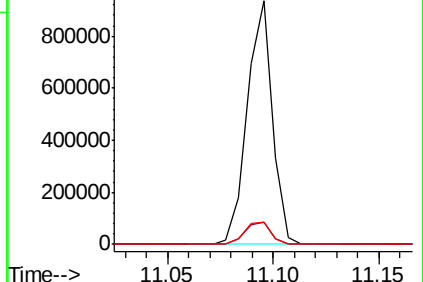
80 9.2 8.8 13.2



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



#65

4,6-Dinitro-2-methylphenol

Concen: 5.139 ng

RT: 10.40 min Scan# 1439

Delta R.T. 0.16 min

Lab File: BF115239.D

Acq: 27 Jun 2019 16:34

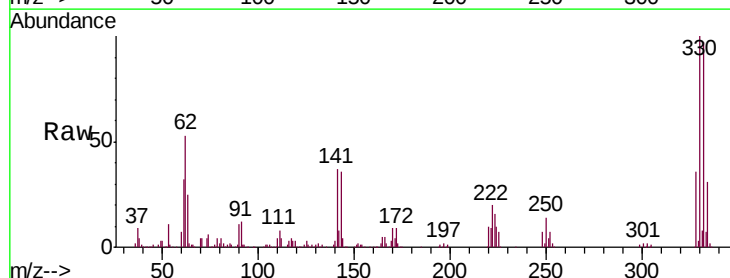
Tgt Ion:198 Resp: 821

Ion Ratio Lower Upper

198 100

51 185.9 11.0 51.0#

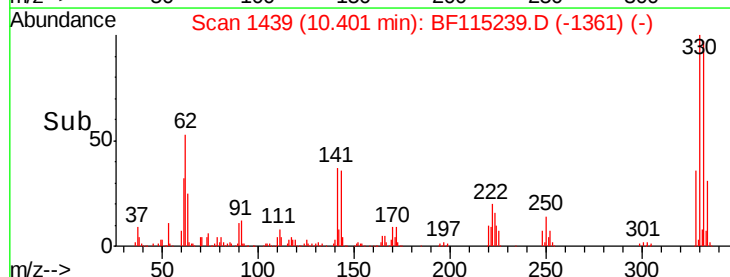
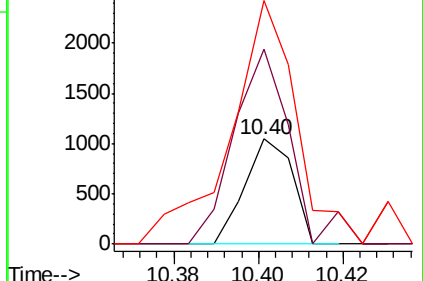
105 231.8 17.3 57.3#

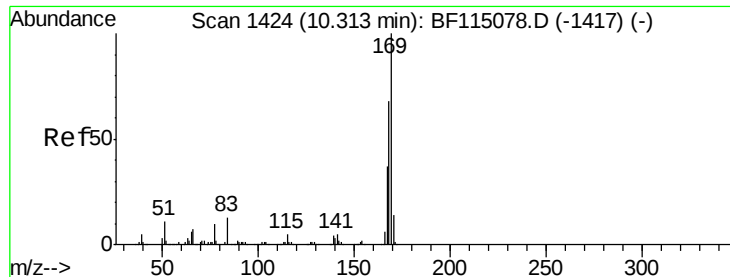


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

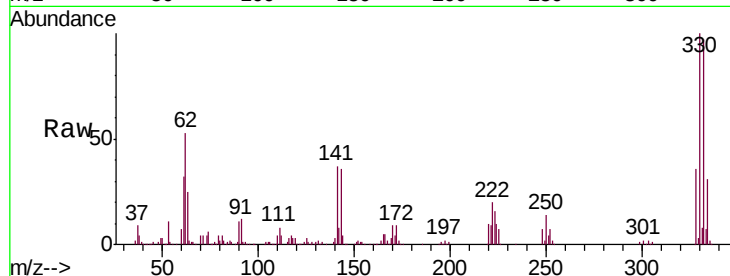




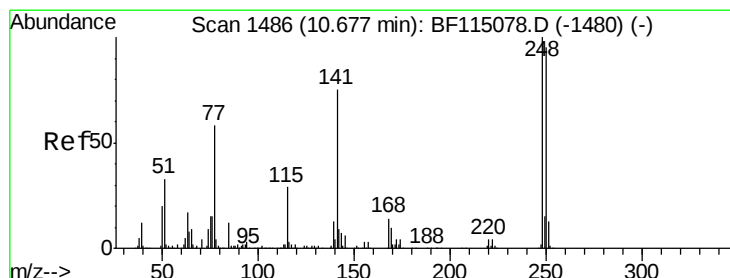
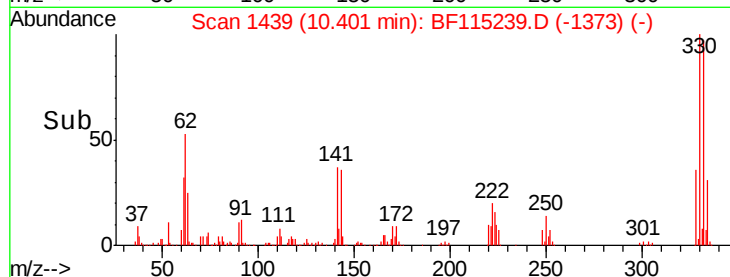
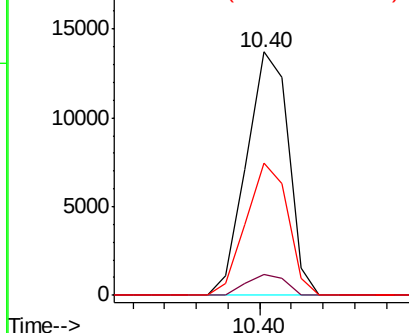
#66
n-Nitrosodiphenylamine
Concen: 0.525 ng
RT: 10.40 min Scan# 1439
Delta R.T. 0.09 min
Lab File: BF115239.D
Acq: 27 Jun 2019 16:34

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-050

Tgt Ion:169 Resp: 12603
Ion Ratio Lower Upper
169 100
168 8.5 54.2 81.4#
167 54.1 29.4 44.0#

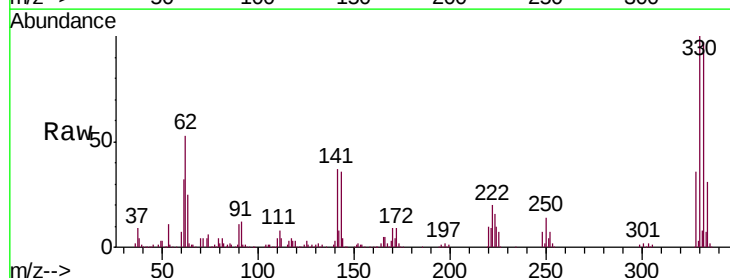


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

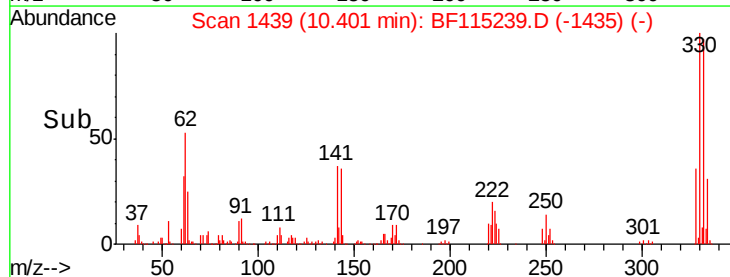
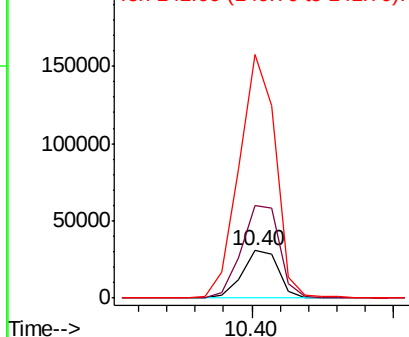


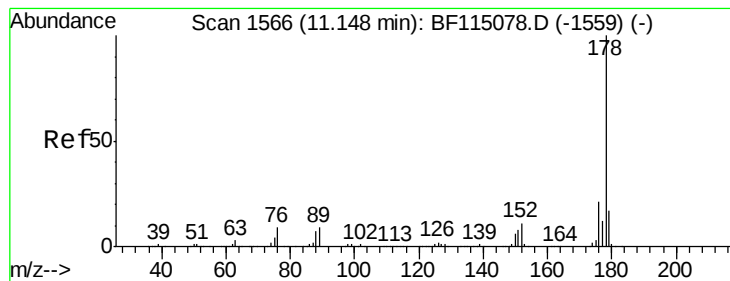
#67
4-Bromophenyl-phenylether
Concen: 3.275 ng
RT: 10.40 min Scan# 1439
Delta R.T. -0.28 min
Lab File: BF115239.D
Acq: 27 Jun 2019 16:34

Tgt Ion:248 Resp: 27382
Ion Ratio Lower Upper
248 100
250 196.1 76.2 114.2#
141 515.2 59.6 89.4#



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





#71

Phenanthrene

Concen: 0.048 ng

RT: 11.11 min Scan# 1560

Delta R.T. -0.04 min

Lab File: BF115239.D

Acq: 27 Jun 2019 16:34

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-050

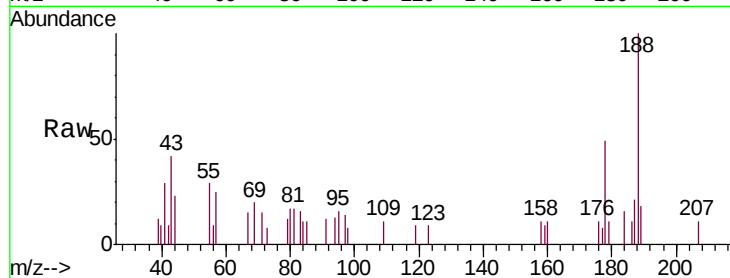
Tgt Ion:178 Resp: 1976

Ion Ratio Lower Upper

178 100

176 22.7 16.9 25.3

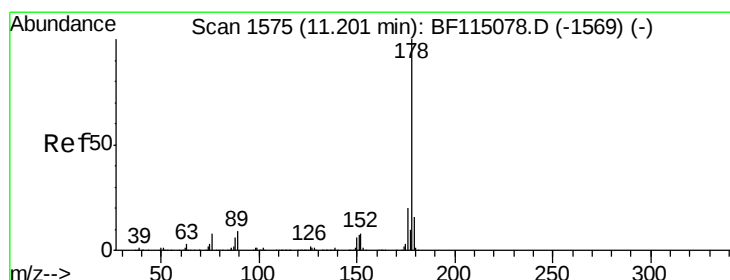
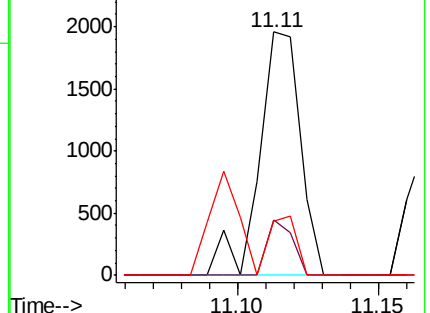
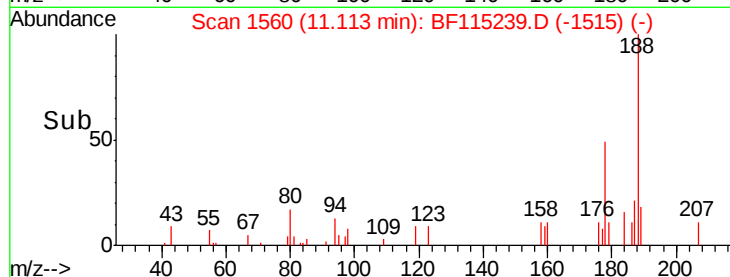
179 22.3 13.2 19.8#



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: 0.020 ng

RT: 11.17 min Scan# 1569

Delta R.T. -0.04 min

Lab File: BF115239.D

Acq: 27 Jun 2019 16:34

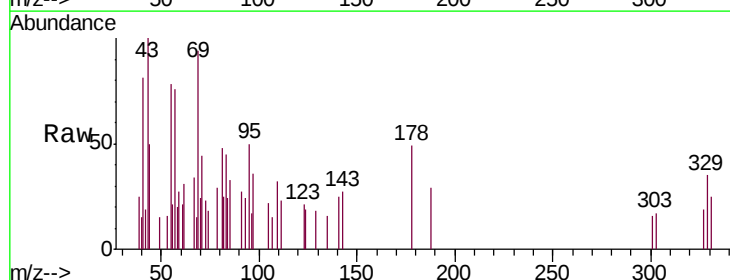
Tgt Ion:178 Resp: 832

Ion Ratio Lower Upper

178 100

176 0.0 16.1 24.1#

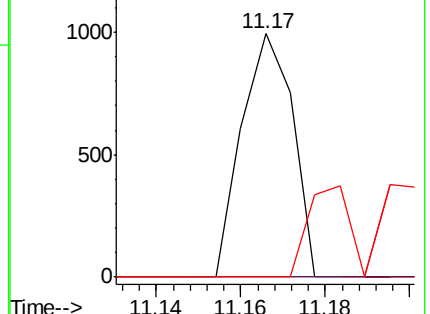
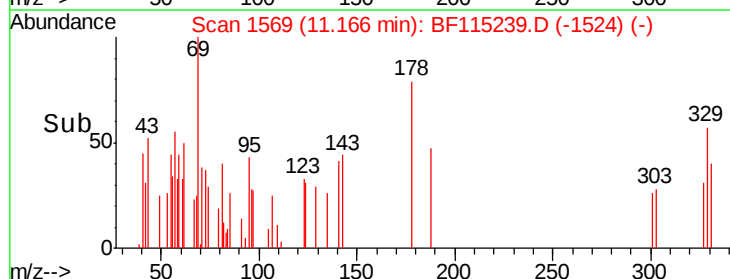
179 0.0 12.9 19.3#

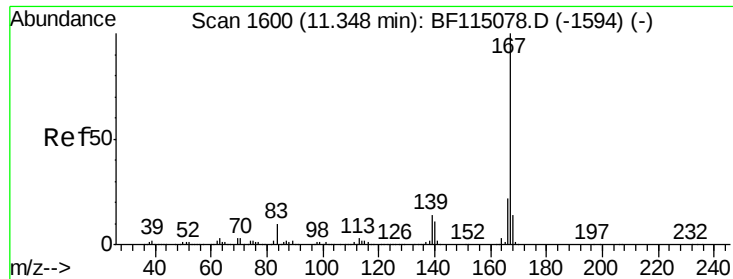


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

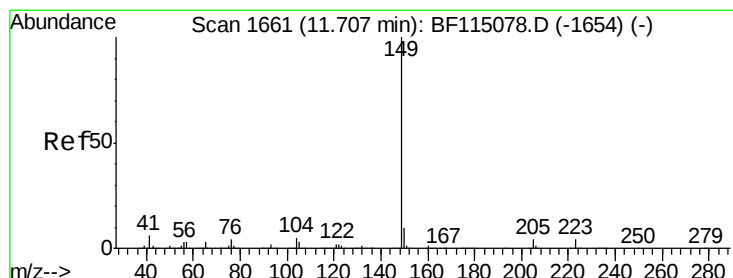
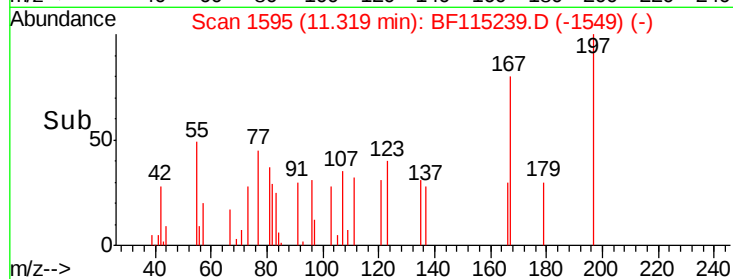
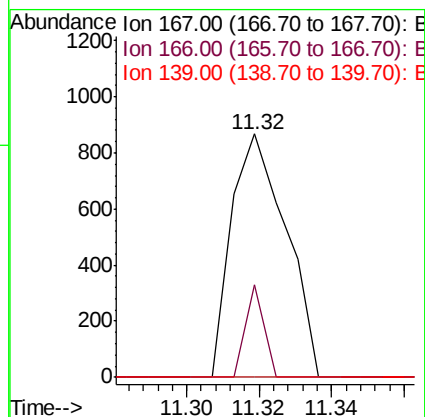
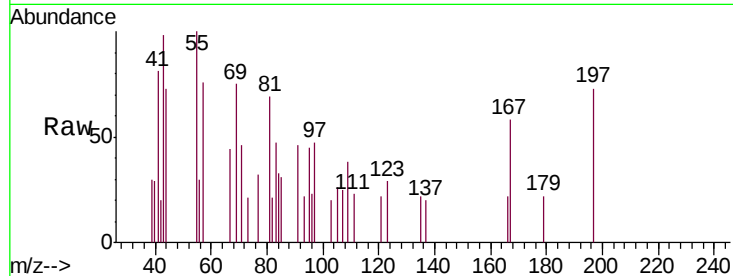




#73
 Carbazole
 Concen: 0.024 ng
 RT: 11.32 min Scan# 1595
 Delta R.T. -0.03 min
 Lab File: BF115239.D
 Acq: 27 Jun 2019 16:34

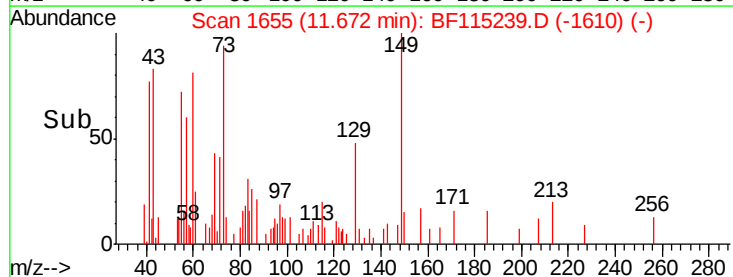
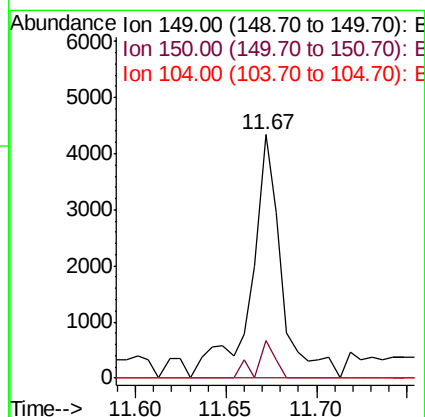
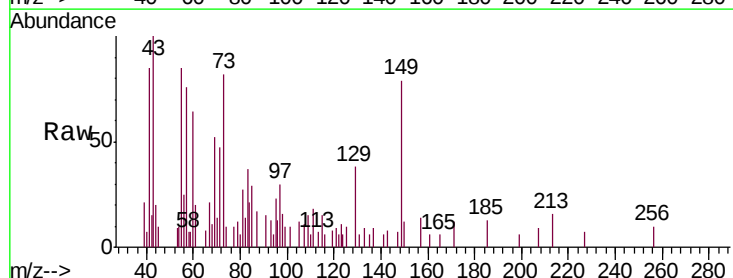
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-050

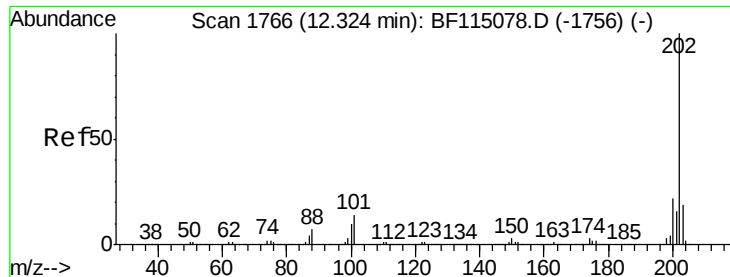
Tgt Ion:167 Resp: 906
 Ion Ratio Lower Upper
 167 100
 166 37.8 18.0 27.0#
 139 0.0 11.1 16.7#



#74
 Di-n-butylphthalate
 Concen: 0.116 ng
 RT: 11.67 min Scan# 1655
 Delta R.T. -0.04 min
 Lab File: BF115239.D
 Acq: 27 Jun 2019 16:34

Tgt Ion:149 Resp: 5018
 Ion Ratio Lower Upper
 149 100
 150 15.3 7.8 11.8#
 104 0.0 3.7 5.5#

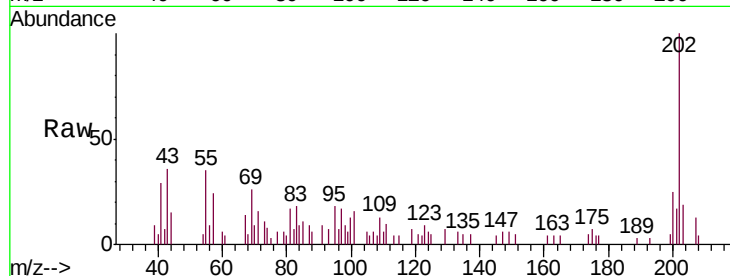




#75
Fluoranthene
Concen: 0.187 ng
RT: 12.30 min Scan# 1761
Delta R.T. -0.03 min
Lab File: BF115239.D
Acq: 27 Jun 2019 16:34

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-050

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.9	0.0	34.0
203	19.2	0.0	38.8

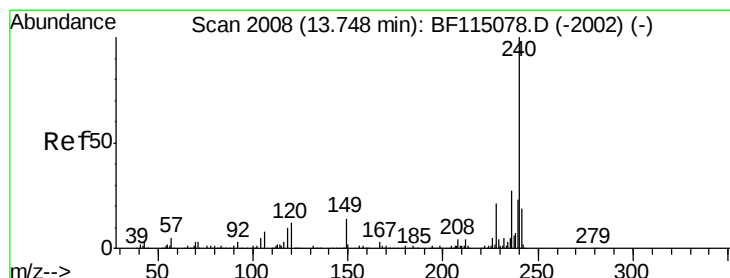
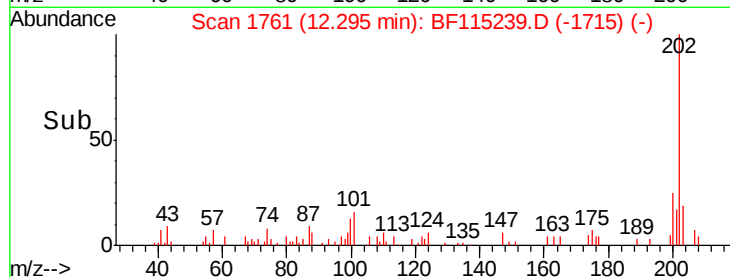
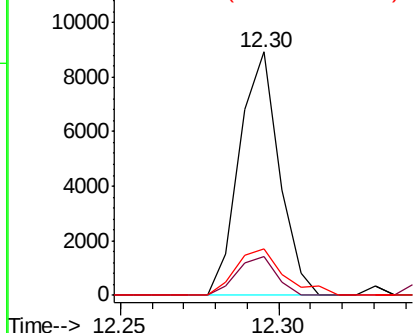


Abundance

Ion 202.00 (201.70 to 202.70): E

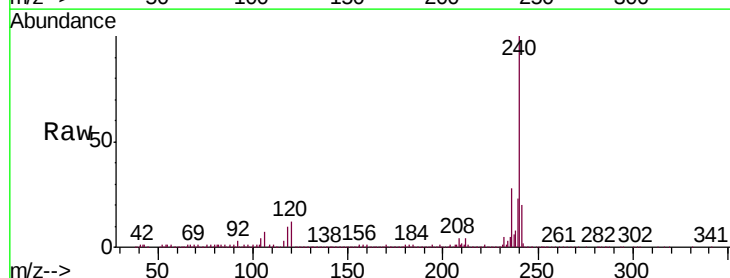
Ion 101.00 (100.70 to 101.70): E

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. -0.04 min
Lab File: BF115239.D
Acq: 27 Jun 2019 16:34

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.4	14.2
236	27.7	21.7	32.5

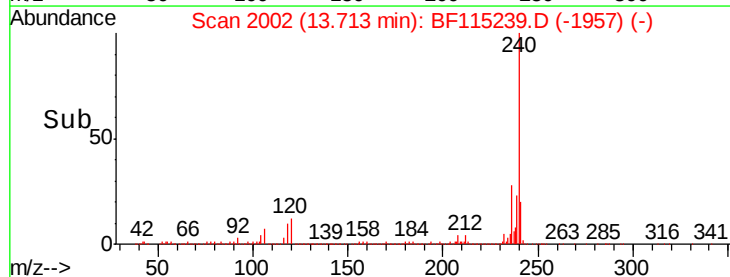
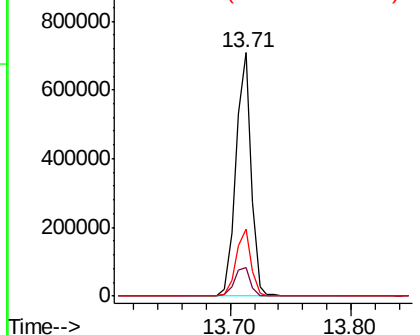


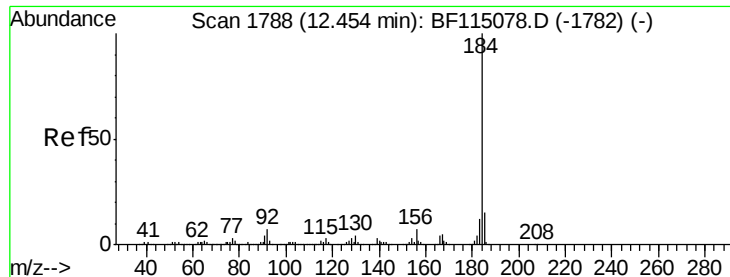
Abundance

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: 0.784 ng

RT: 12.68 min Scan# 1826

Delta R.T. 0.22 min

Lab File: BF115239.D

Acq: 27 Jun 2019 16:34

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-050

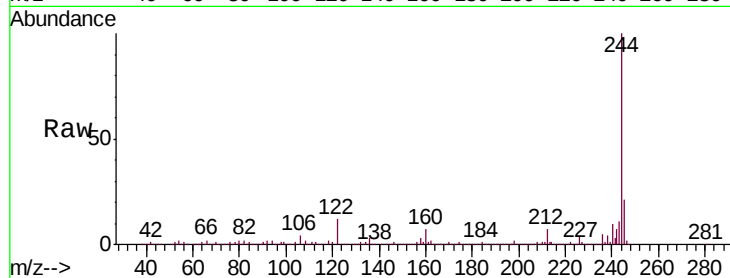
Tgt Ion:184 Resp: 21652

Ion Ratio Lower Upper

184 100

185 19.7 12.2 18.2#

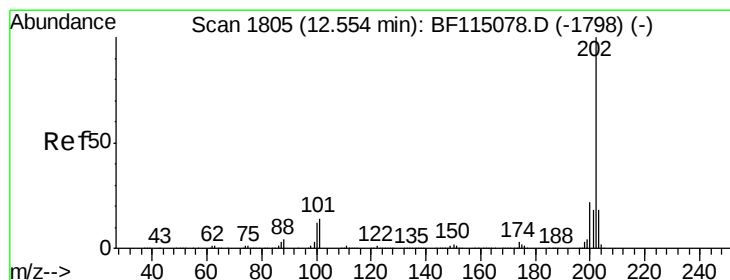
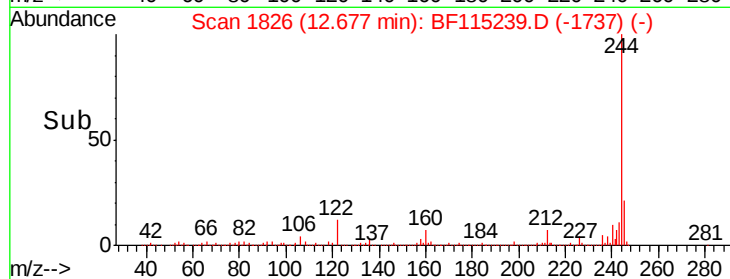
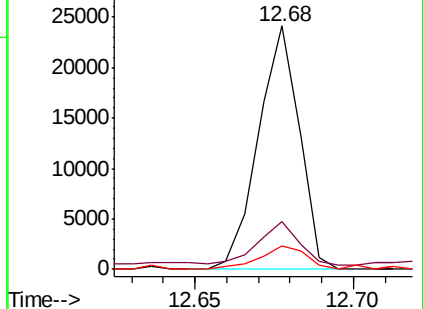
183 9.4 9.6 14.4#



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



#78

Pyrene

Concen: 0.162 ng

RT: 12.52 min Scan# 1799

Delta R.T. -0.04 min

Lab File: BF115239.D

Acq: 27 Jun 2019 16:34

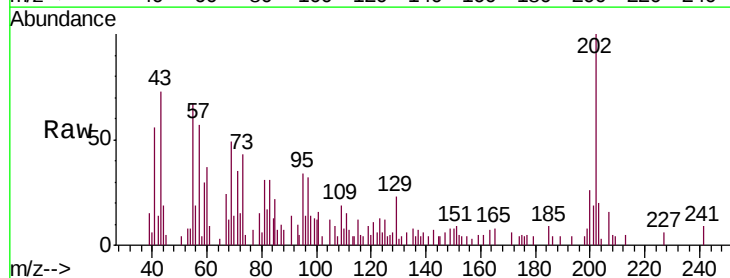
Tgt Ion:202 Resp: 7719

Ion Ratio Lower Upper

202 100

200 25.6 17.9 26.9

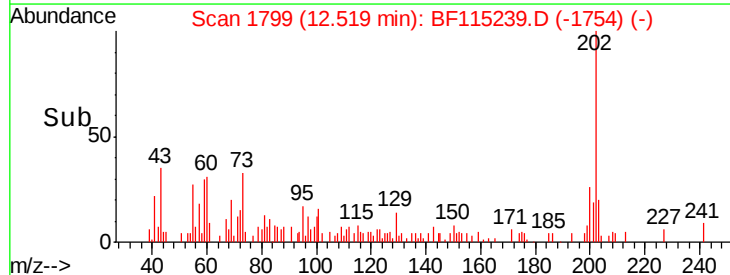
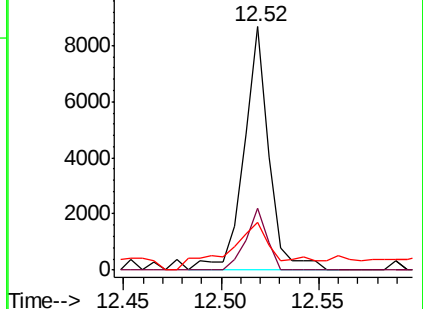
203 19.8 14.6 21.8

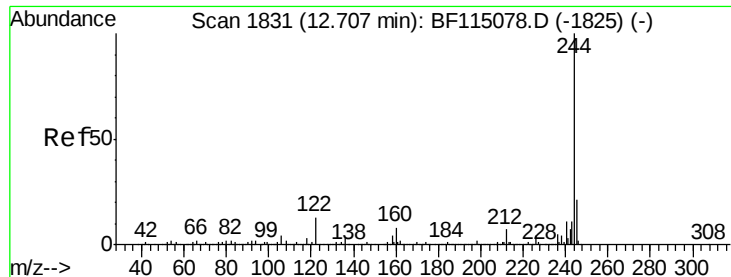


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 59.057 ng

RT: 12.68 min Scan# 1826

Delta R.T. -0.03 min

Lab File: BF115239.D

Acq: 27 Jun 2019 16:34

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-050

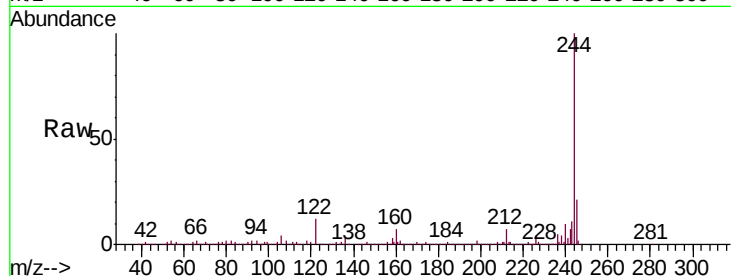
Tgt Ion:244 Resp: 1727232

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

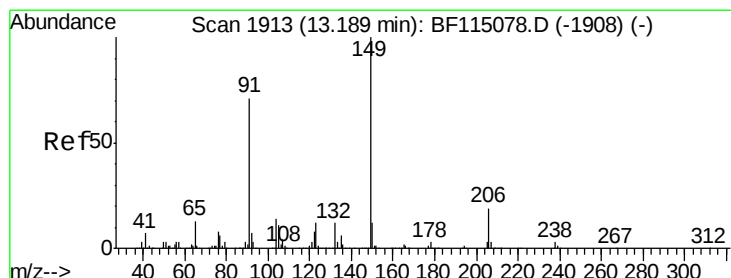
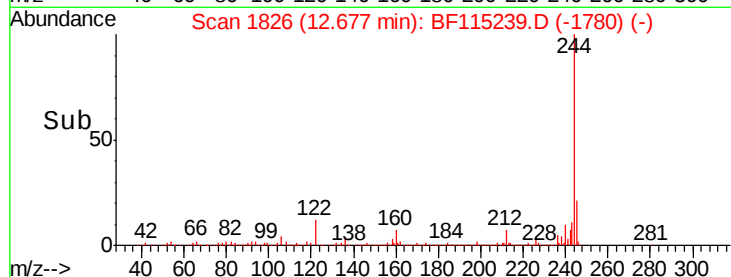
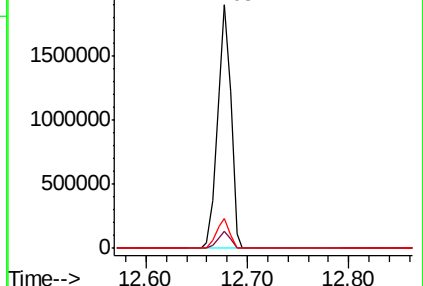
122 12.5 10.4 15.6



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: 0.044 ng

RT: 13.15 min Scan# 1907

Delta R.T. -0.04 min

Lab File: BF115239.D

Acq: 27 Jun 2019 16:34

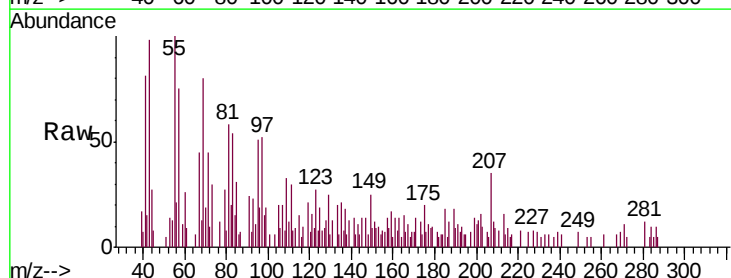
Tgt Ion:149 Resp: 931

Ion Ratio Lower Upper

149 100

91 95.8 56.5 84.7#

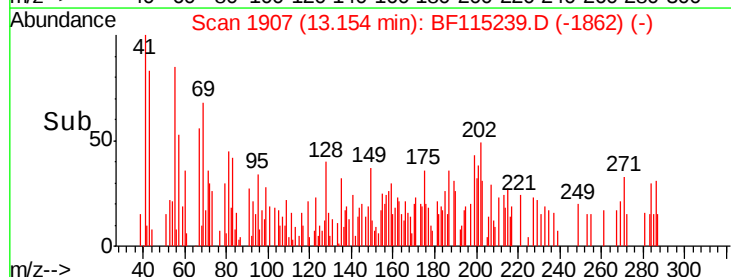
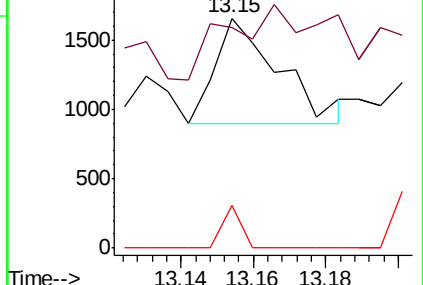
206 18.6 15.3 22.9

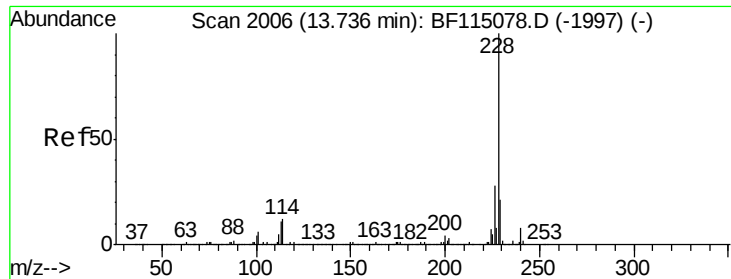


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

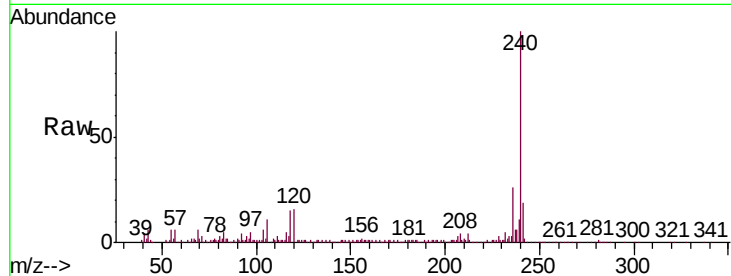




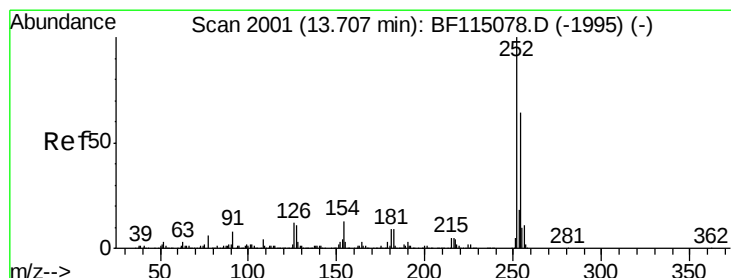
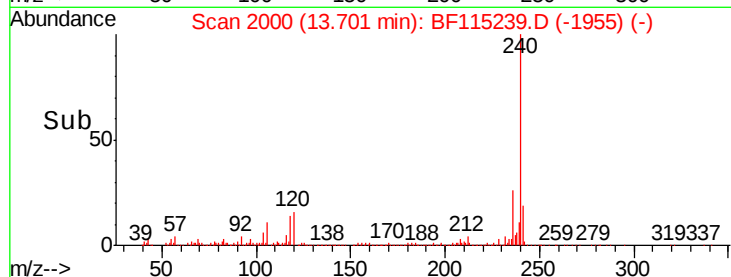
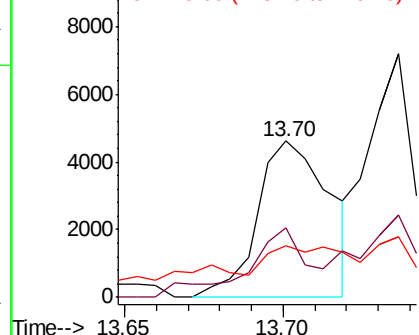
#81
Benzo(a)anthracene
Concen: 0.164 ng
RT: 13.70 min Scan# 2000
Delta R.T. -0.04 min
Lab File: BF115239.D
Acq: 27 Jun 2019 16:34

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-050

Tgt Ion:228 Resp: 7330
Ion Ratio Lower Upper
228 100
226 44.7 22.5 33.7#
229 32.8 16.6 24.8#

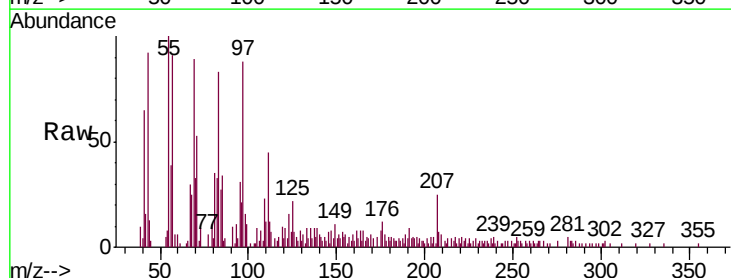


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

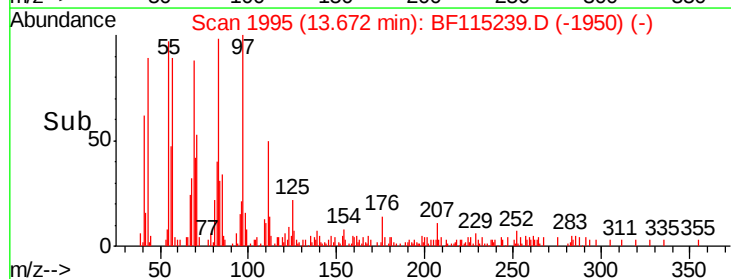
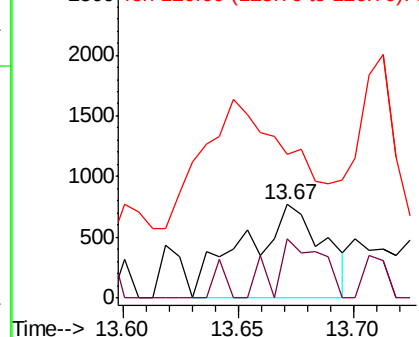


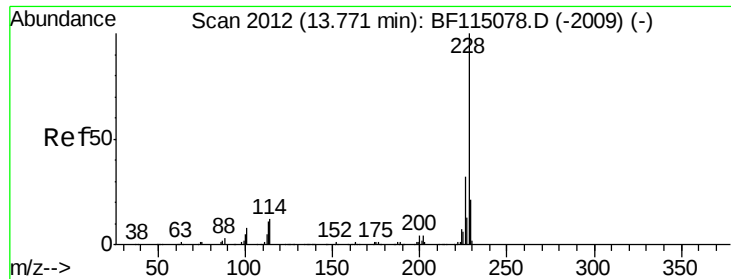
#82
3,3'-Dichlorobenzidine
Concen: 0.116 ng
RT: 13.67 min Scan# 1995
Delta R.T. -0.04 min
Lab File: BF115239.D
Acq: 27 Jun 2019 16:34

Tgt Ion:252 Resp: 1868
Ion Ratio Lower Upper
252 100
254 63.3 51.1 76.7
126 152.9 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: 0.167 ng

RT: 13.74 min Scan# 2006

Delta R.T. -0.04 min

Lab File: BF115239.D

Acq: 27 Jun 2019 16:34

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-050

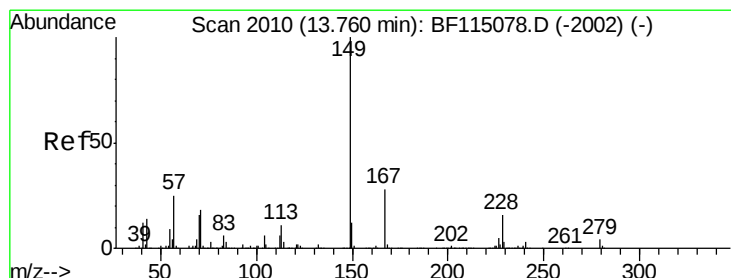
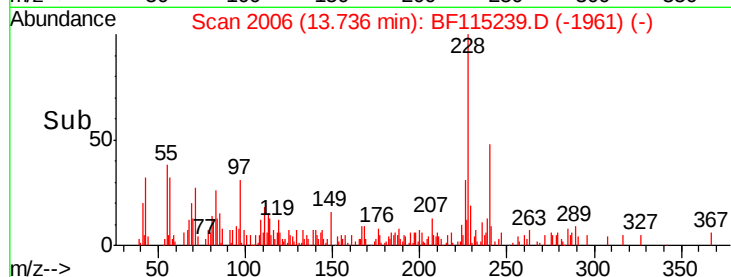
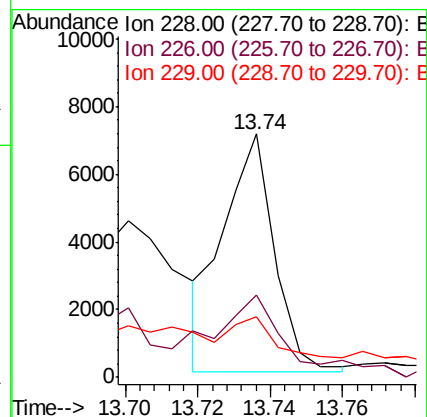
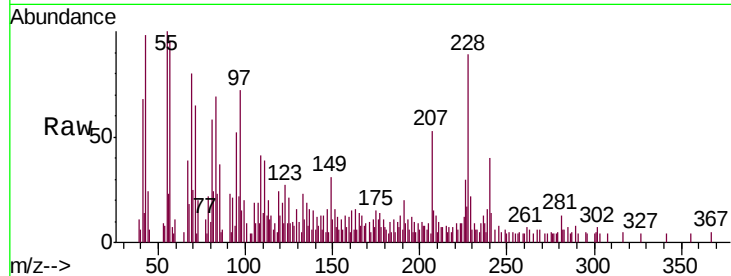
Tgt Ion:228 Resp: 6846

Ion Ratio Lower Upper

228 100

226 33.8 25.4 38.0

229 24.9 16.5 24.7#



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.258 ng

RT: 13.72 min Scan# 2004

Delta R.T. -0.04 min

Lab File: BF115239.D

Acq: 27 Jun 2019 16:34

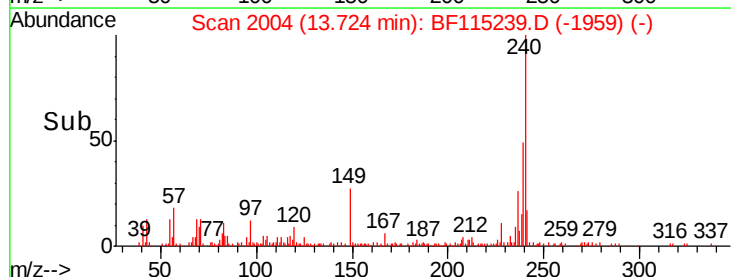
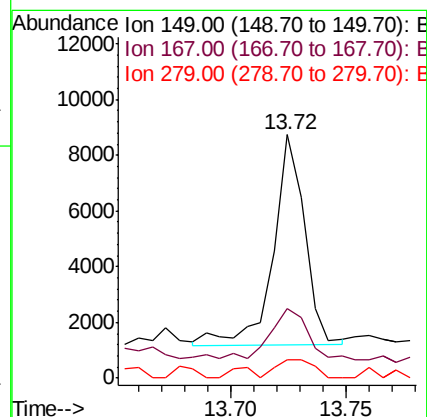
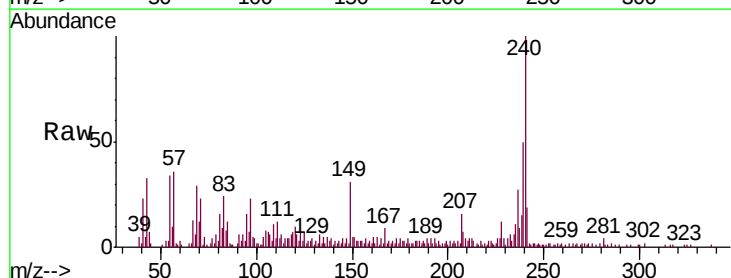
Tgt Ion:149 Resp: 7134

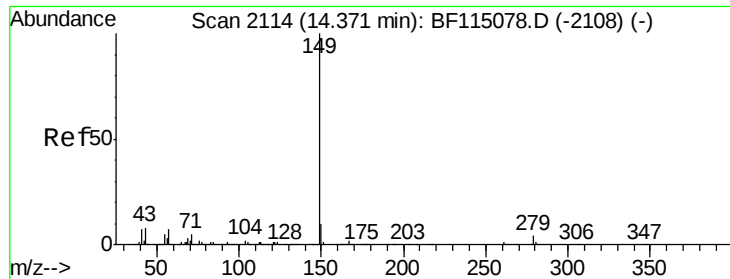
Ion Ratio Lower Upper

149 100

167 28.7 22.2 33.4

279 7.8 2.9 4.3#

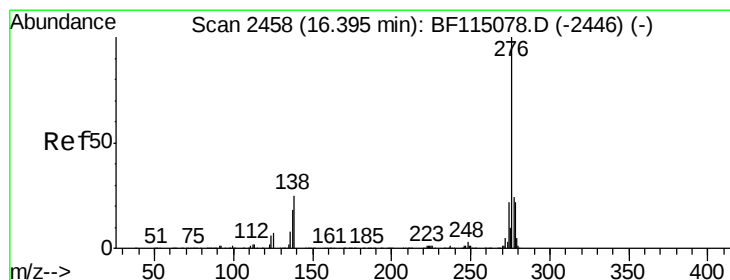
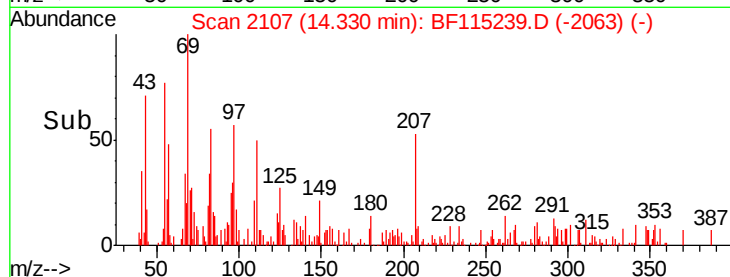
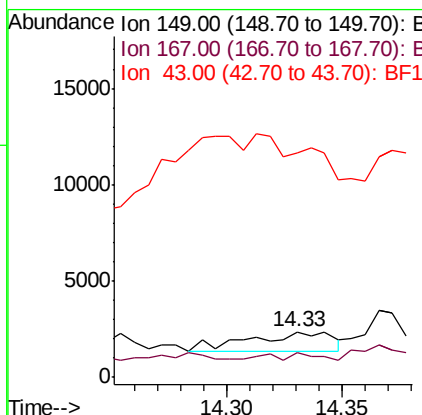
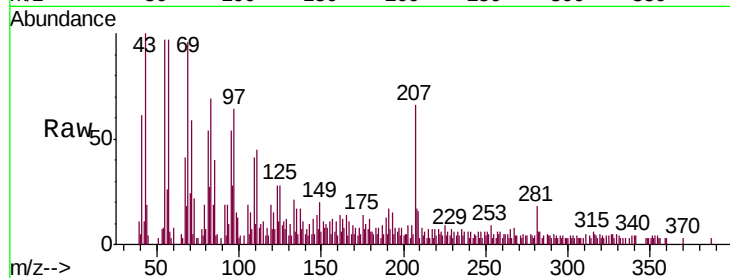




#85
Di-n-octyl phthalate
Concen: 0.054 ng
RT: 14.33 min Scan# 2107
Delta R.T. -0.04 min
Lab File: BF115239.D
Acq: 27 Jun 2019 16:34

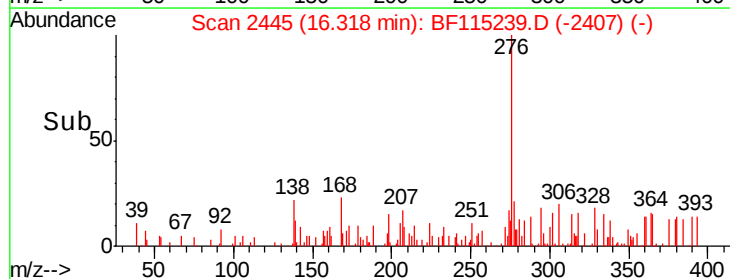
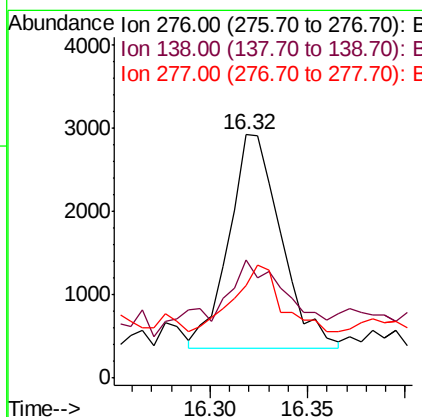
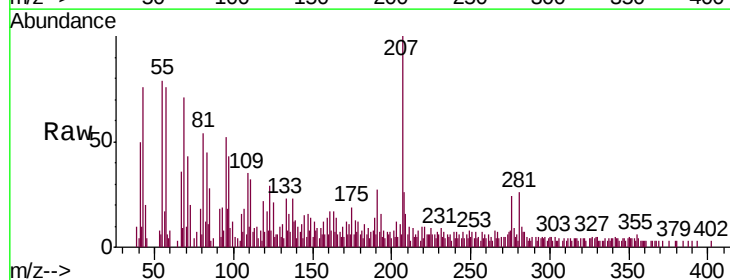
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-050

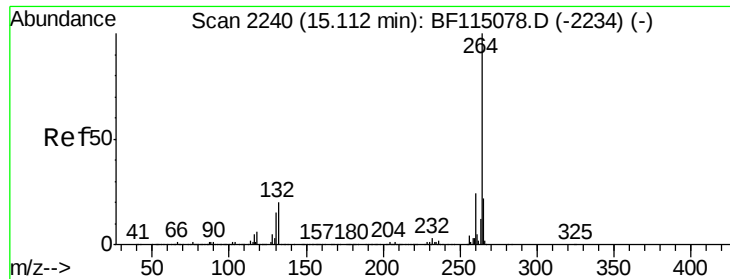
Tgt Ion:149 Resp: 2516
Ion Ratio Lower Upper
149 100
167 12.7 1.2 1.8#
43 0.0 7.0 10.6#



#86
Indeno(1,2,3-cd)pyrene
Concen: 0.098 ng
RT: 16.32 min Scan# 2445
Delta R.T. -0.08 min
Lab File: BF115239.D
Acq: 27 Jun 2019 16:34

Tgt Ion:276 Resp: 4748
Ion Ratio Lower Upper
276 100
138 47.9 23.2 34.8#
277 43.0 20.1 30.1#





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.07 min Scan# 2233

Delta R.T. -0.04 min

Lab File: BF115239.D

Acq: 27 Jun 2019 16:34

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-050

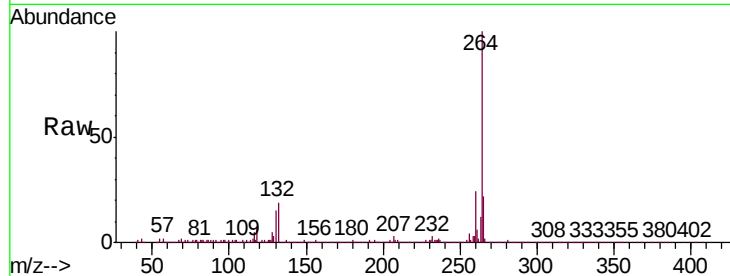
Tgt Ion:264 Resp: 535551

Ion Ratio Lower Upper

264 100

260 24.3 19.6 29.4

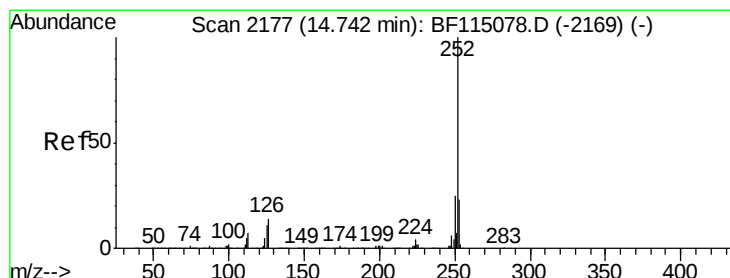
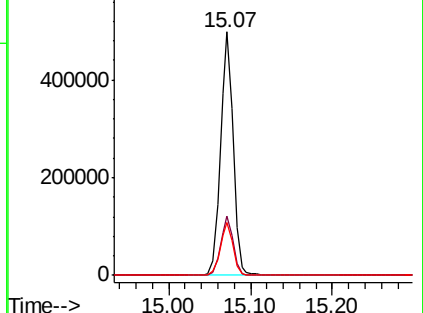
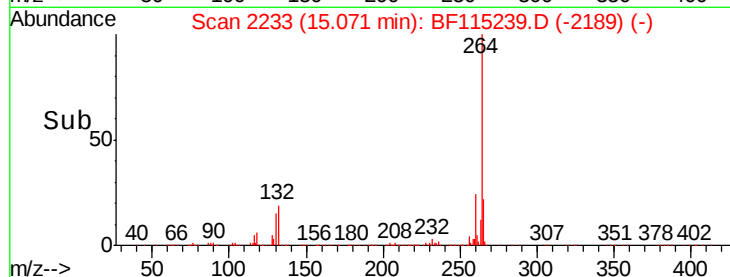
265 22.0 17.3 25.9



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



#88

Benzo(b)fluoranthene

Concen: 0.417 ng

RT: 14.70 min Scan# 2170

Delta R.T. -0.04 min

Lab File: BF115239.D

Acq: 27 Jun 2019 16:34

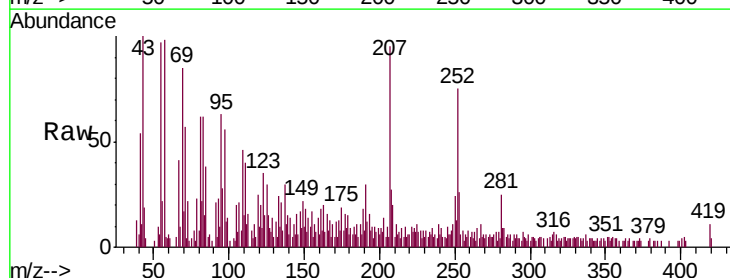
Tgt Ion:252 Resp: 13947

Ion Ratio Lower Upper

252 100

253 34.2 18.1 27.1#

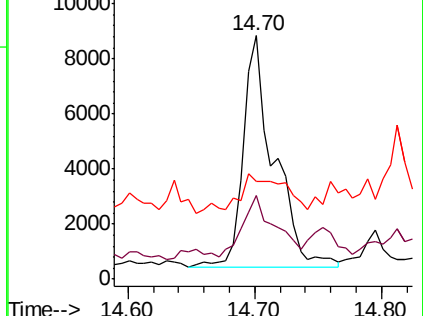
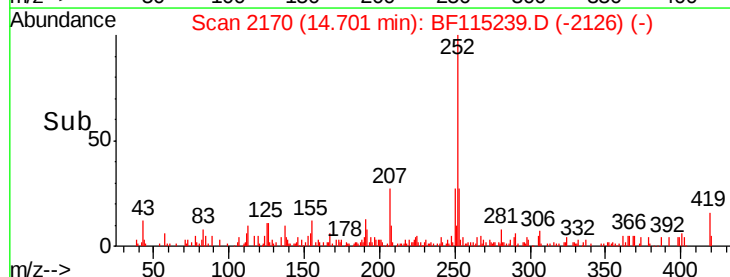
125 40.0 8.7 13.1#

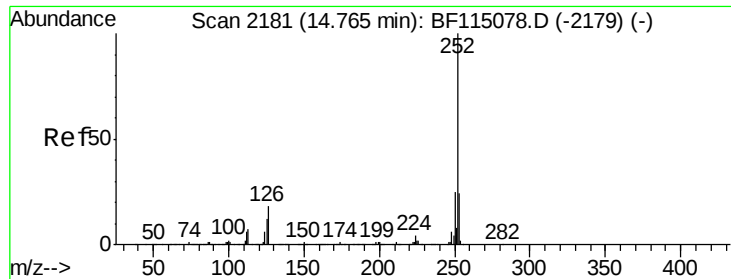


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

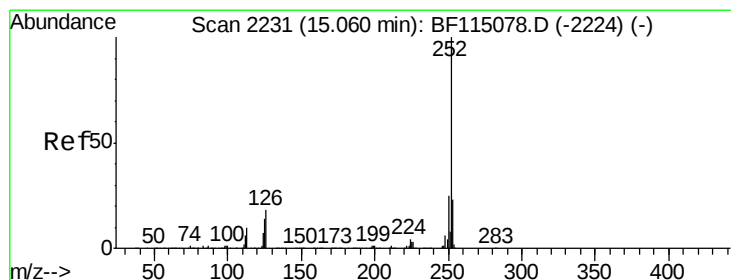
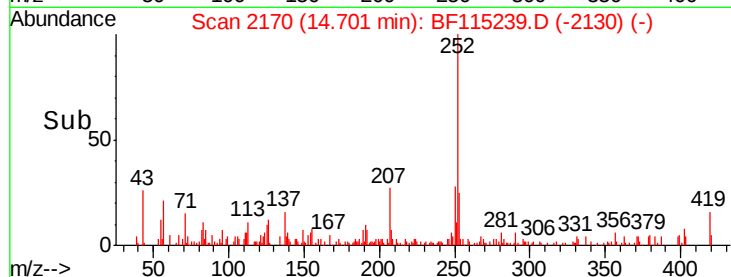
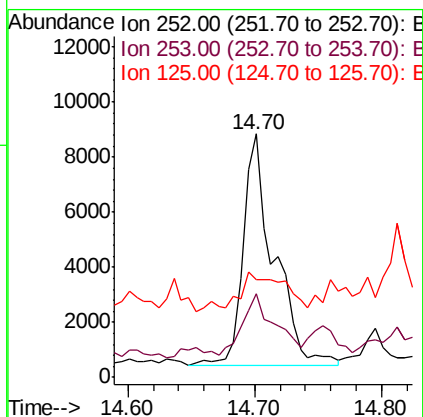
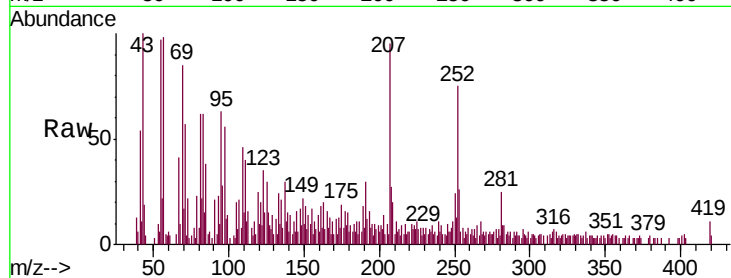




#89
Benzo(k)fluoranthene
Concen: 0.465 ng
RT: 14.70 min Scan# 2170
Delta R.T. -0.06 min
Lab File: BF115239.D
Acq: 27 Jun 2019 16:34

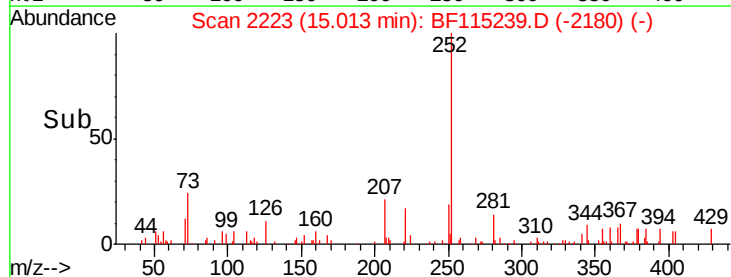
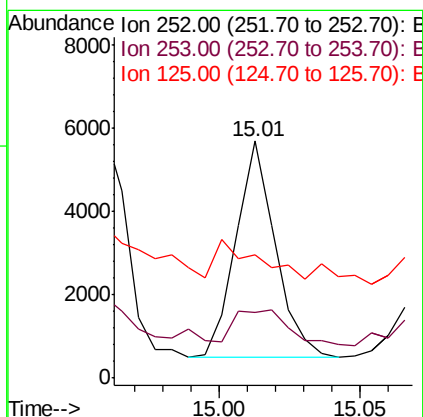
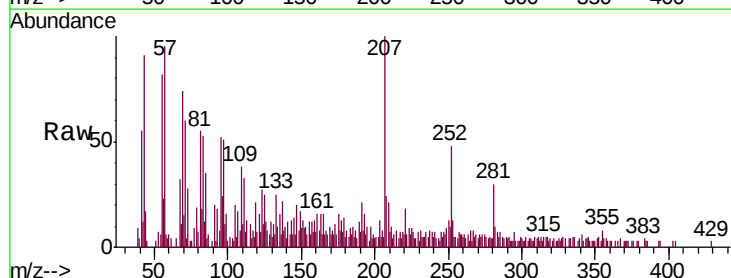
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-050

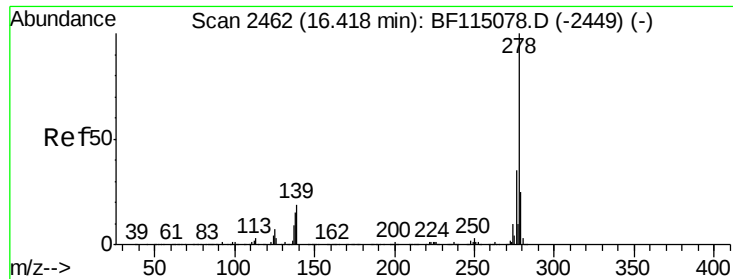
Tgt Ion:252 Resp: 13947
Ion Ratio Lower Upper
252 100
253 34.2 18.9 28.3#
125 40.0 10.2 15.2#



#90
Benzo(a)pyrene
Concen: 0.167 ng
RT: 15.01 min Scan# 2223
Delta R.T. -0.05 min
Lab File: BF115239.D
Acq: 27 Jun 2019 16:34

Tgt Ion:252 Resp: 5023
Ion Ratio Lower Upper
252 100
253 27.7 18.3 27.5#
125 52.1 10.9 16.3#





#91

Dibenzo(a,h)anthracene

Concen: 0.049 ng

RT: 16.34 min Scan# 2448

Delta R.T. -0.08 min

Lab File: BF115239.D

Acq: 27 Jun 2019 16:34

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-050

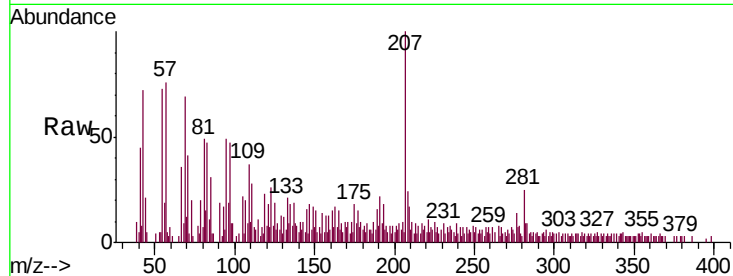
Tgt Ion:278 Resp: 1378

Ion Ratio Lower Upper

278 100

139 109.4 15.4 23.2#

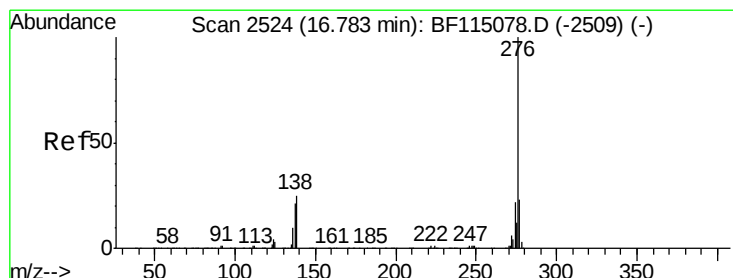
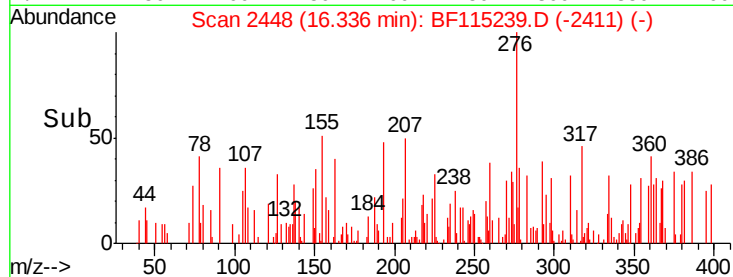
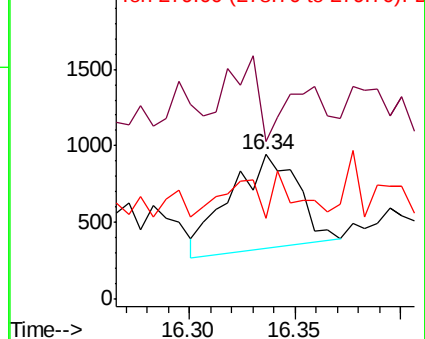
279 56.4 19.9 29.9#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 0.162 ng

RT: 16.70 min Scan# 2510

Delta R.T. -0.08 min

Lab File: BF115239.D

Acq: 27 Jun 2019 16:34

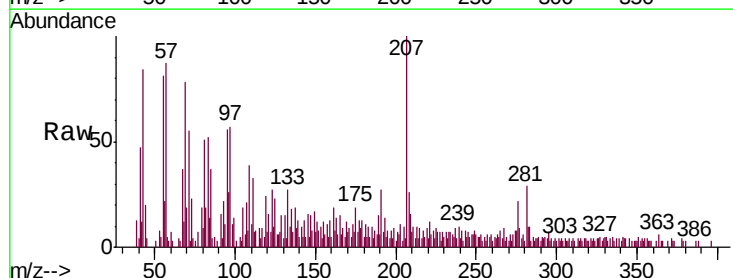
Tgt Ion:276 Resp: 4622

Ion Ratio Lower Upper

276 100

277 40.4 18.6 28.0#

138 42.0 19.8 29.6#



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

