

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
 Data File : BF115002.D
 Acq On : 13 Jun 2019 14:45
 Operator : HP/JU
 Sample : K3344-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-0D015-03-007

Quant Time: Jun 13 17:34:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:42:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	283157	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1065434	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	474613	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	722803	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	479399	20.00	ng	0.00
87) Perylene-d12	15.16	264	513849	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.27	112	261	0.02	ng	0.02
7) Phenol-d6	6.29	99	8924	0.44	ng	0.00
23) Nitrobenzene-d5	7.21	82	1055791	59.65	ng	0.00
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	9.00	172	1928062	68.85	ng	0.00
79) Terphenyl-d14	12.73	244	1376834	54.02	ng	0.00

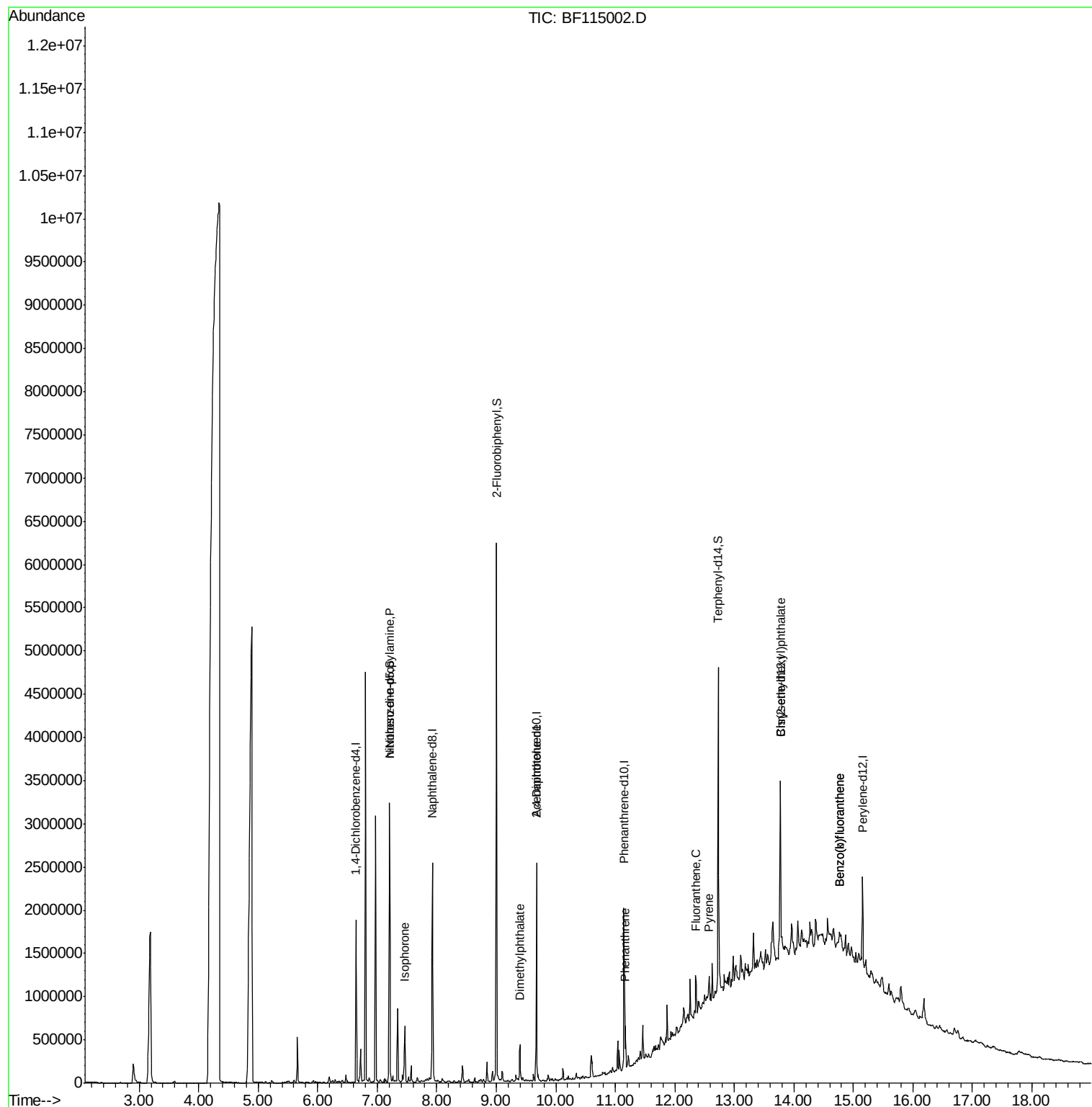
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.19	77	2604	Below Cal		# 51
19) n-Nitroso-di-n-propylamine	7.21	70	140111	11.273	ng	# 78
25) Isophorone	7.46	82	241361	7.280	ng	96
50) Dimethylphthalate	9.40	163	175121	4.906	ng	98
57) 2,4-Dinitrotoluene	9.67	165	62037	6.020	ng	# 29
58) Fluorene	10.22	166	10633	Below Cal		# 91
71) Phenanthrene	11.17	178	179696	4.815	ng	98
75) Fluoranthene	12.35	202	167742	4.396	ng	99
78) Pyrene	12.57	202	132553	3.035	ng	96
84) Bis(2-ethylhexyl)phthalate	13.77	149	213875	8.871	ng	# 97
88) Benzo(b)fluoranthene	14.77	252	97289	2.848	ng	# 64
89) Benzo(k)fluoranthene	14.77	252	97289	3.245	ng	# 64

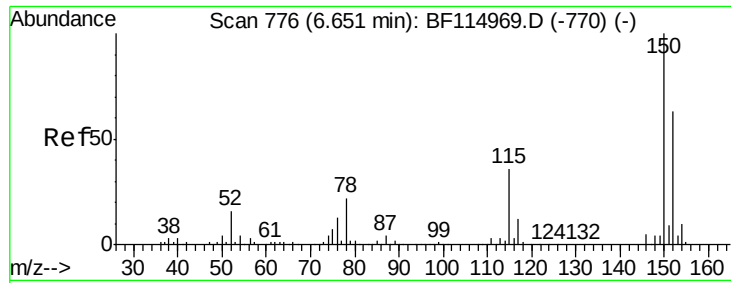
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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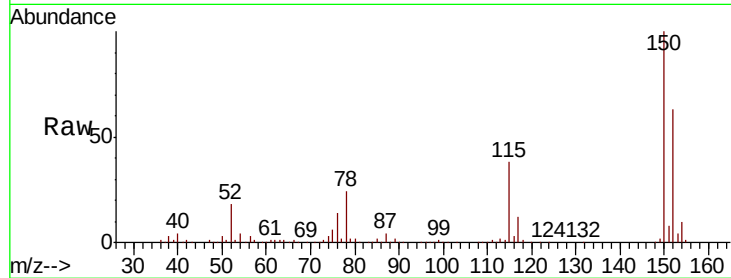


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF115002.D
Acq: 13 Jun 2019 14:45

Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-007

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	127.4	191.0
115	60.7	46.0	69.0

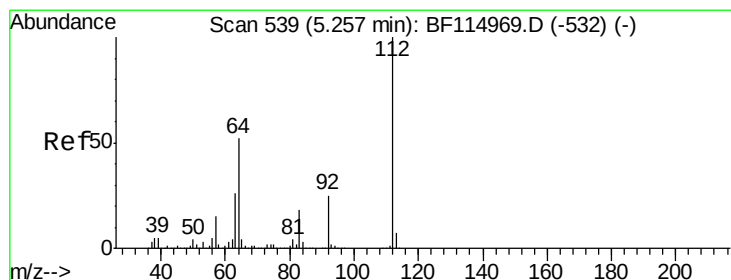
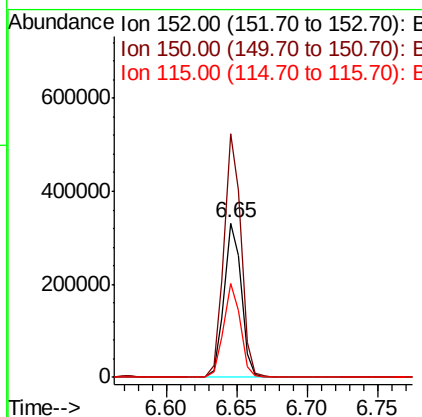
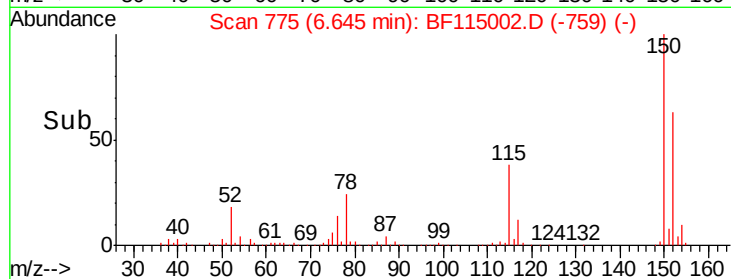


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

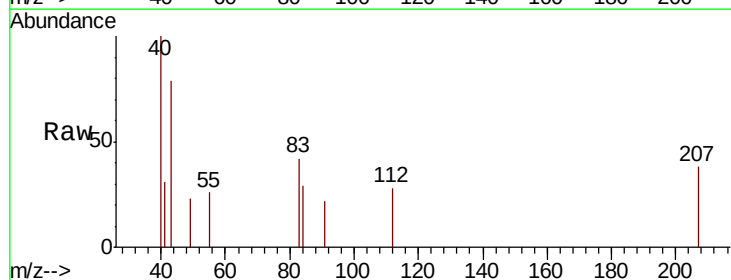
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 0.015 ng
RT: 5.27 min Scan# 542
Delta R.T. 0.02 min
Lab File: BF115002.D
Acq: 13 Jun 2019 14:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	0.0	41.6	62.4#
63	0.0	20.9	31.3#

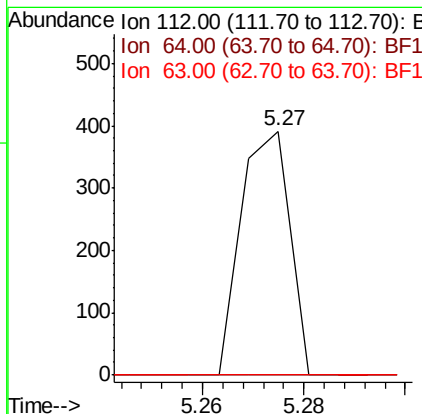
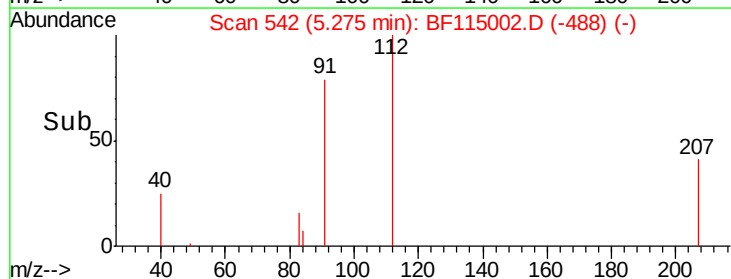


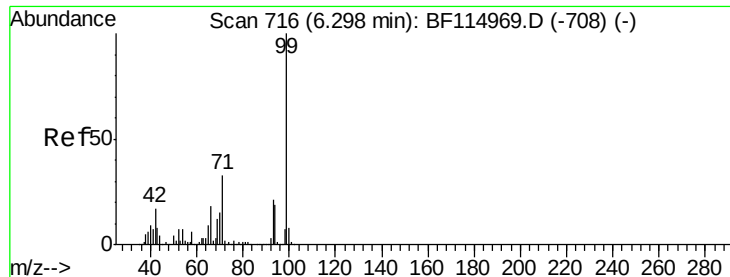
Abundance

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





#7

Phenol-d6

Concen: 0.436 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF115002.D

Acq: 13 Jun 2019 14:45

Instrument :

BNA_F

ClientSampleId :

FK-0D015-03-007

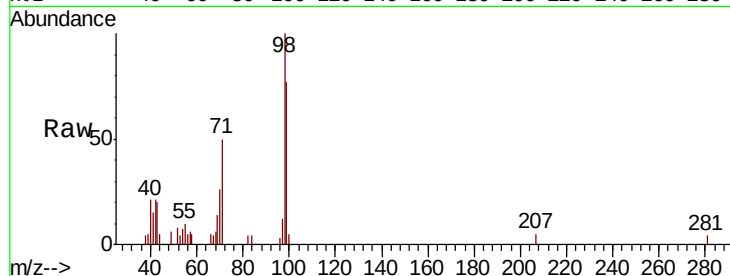
Tot Ion: 99 Resp: 8924

Ion Ratio Lower Upper

99 100

42 27.6 13.4 20.2#

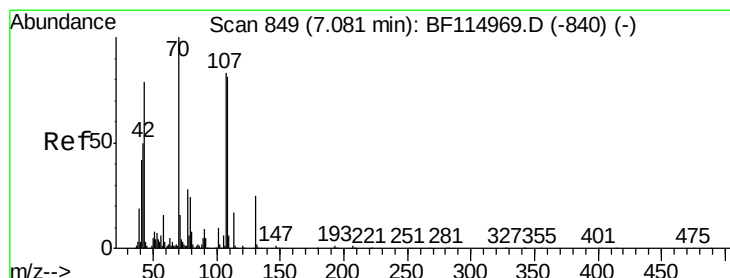
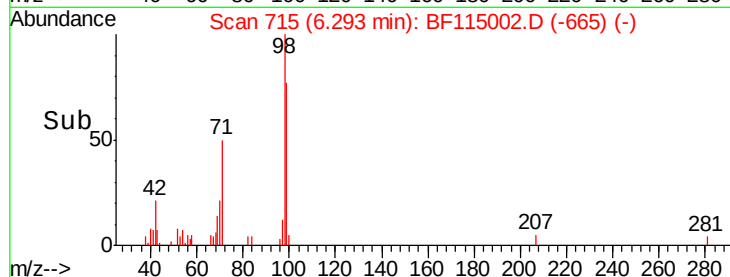
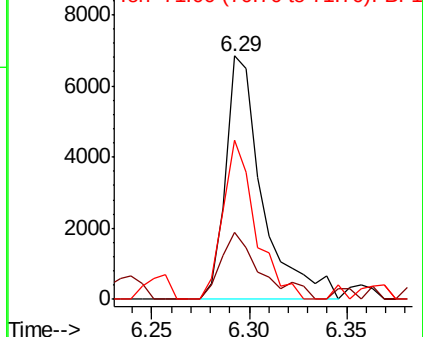
71 65.4 26.4 39.6#



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.273 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.13 min

Lab File: BF115002.D

Acq: 13 Jun 2019 14:45

Tgt Ion: 70 Resp: 140111

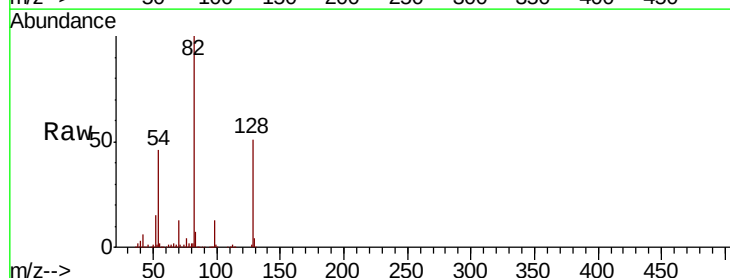
Ion Ratio Lower Upper

70 100

42 44.7 40.3 60.5

101 0.0 8.2 12.4#

130 2.5 20.3 30.5#

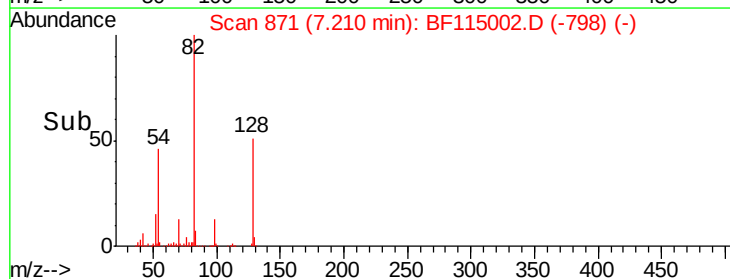
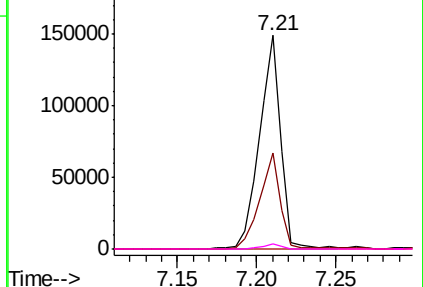


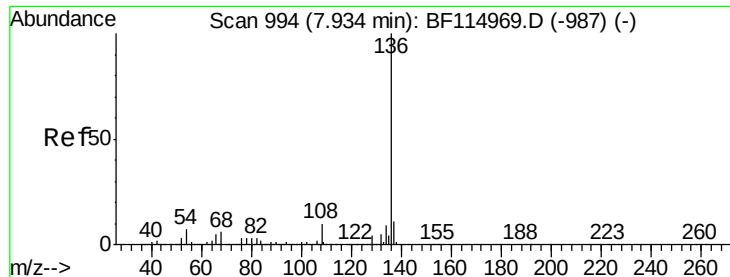
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

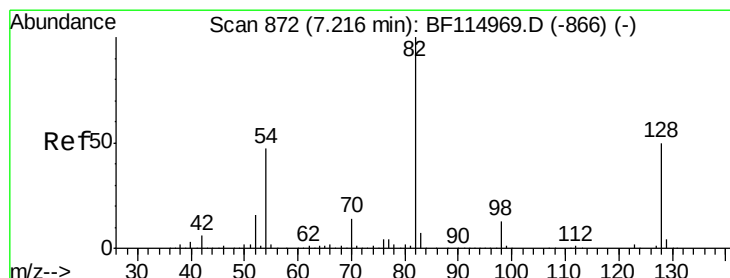
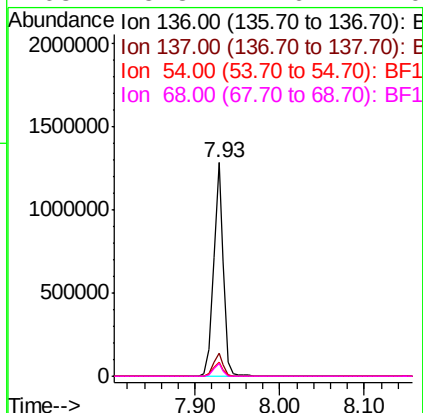
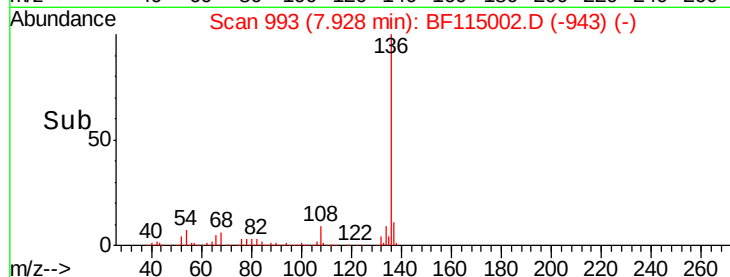
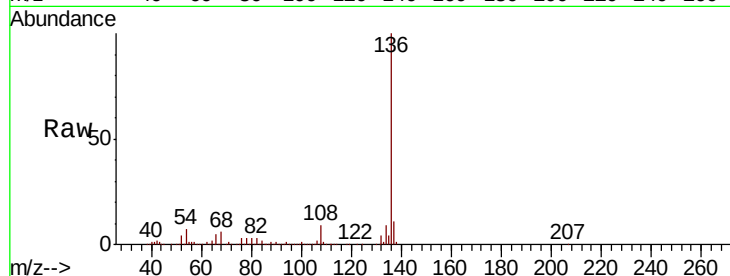




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF115002.D
Acq: 13 Jun 2019 14:45

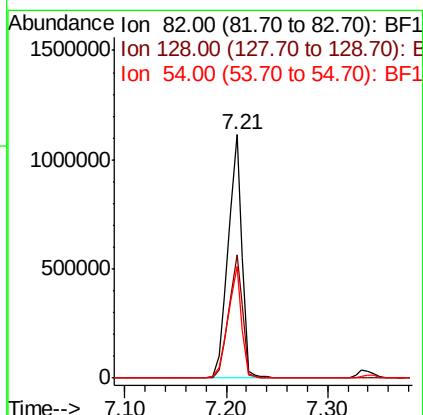
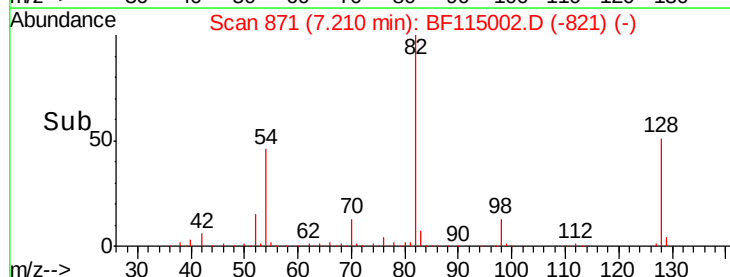
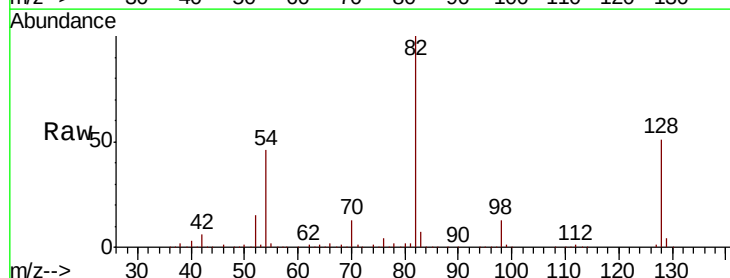
Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-007

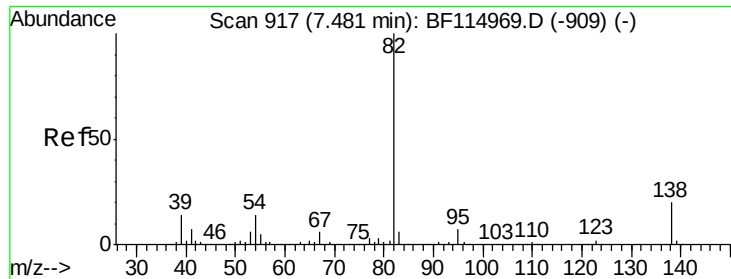
Tot Ion:136	Resp: 1065434
Ion Ratio	Lower Upper
136 100	
137 10.9	9.0 13.4
54 6.7	5.4 8.0
68 5.8	4.6 7.0



#23
Nitrobenzene-d5
Concen: 59.647 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF115002.D
Acq: 13 Jun 2019 14:45

Tgt	Ion: 82	Resp: 1055791	
Ion	Ratio	Lower	Upper
82	100		
128	50.5	39.9	59.9
54	46.0	37.3	55.9





#25

Isophorone

Concen: 7.280 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.02 min

Lab File: BF115002.D

Acq: 13 Jun 2019 14:45

Instrument :

BNA_F

ClientSampleId :

FK-0D015-03-007

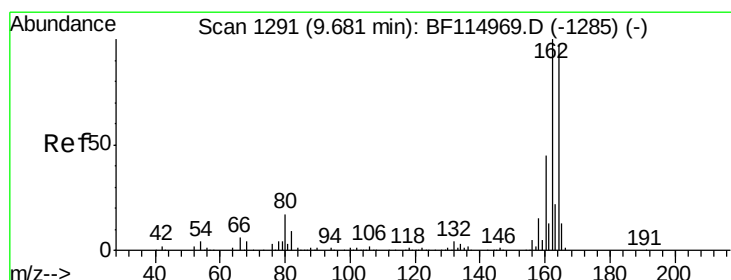
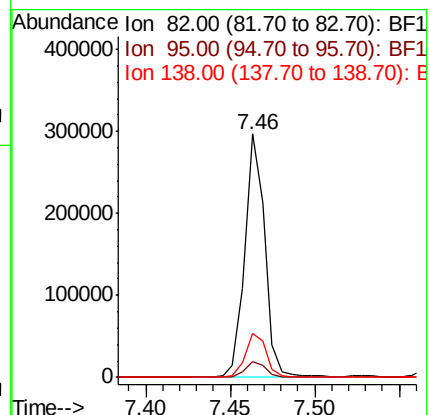
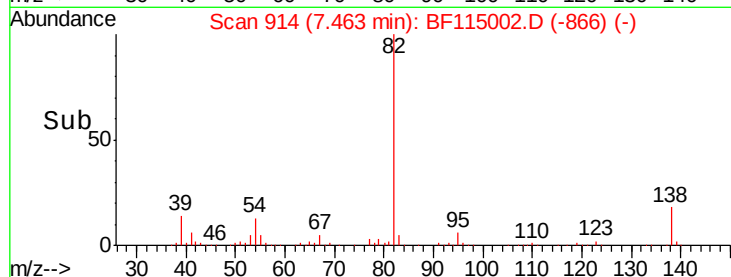
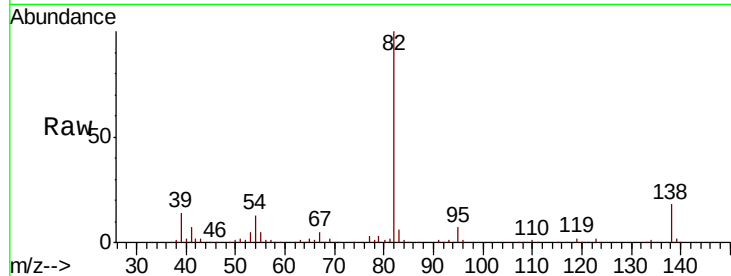
Tot Ion: 82 Resp: 241361

Ion Ratio Lower Upper

82 100

95 6.5 5.6 8.4

138 17.9 16.1 24.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF115002.D

Acq: 13 Jun 2019 14:45

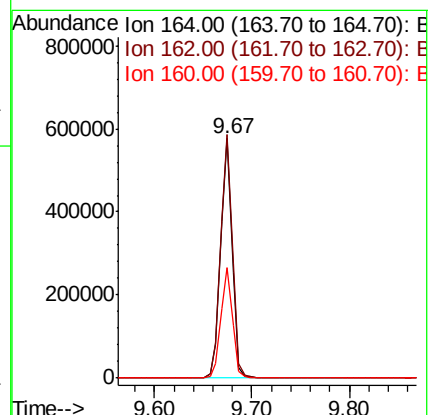
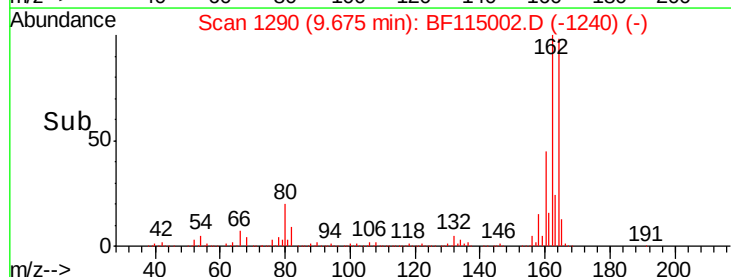
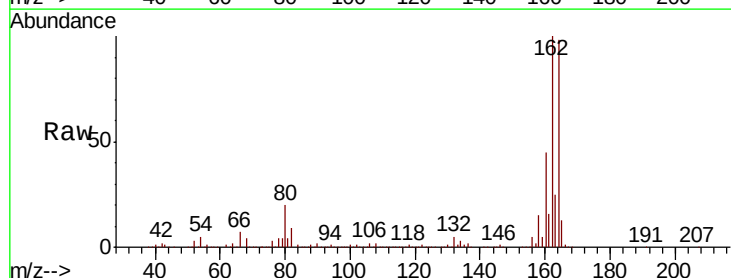
Tgt Ion: 164 Resp: 474613

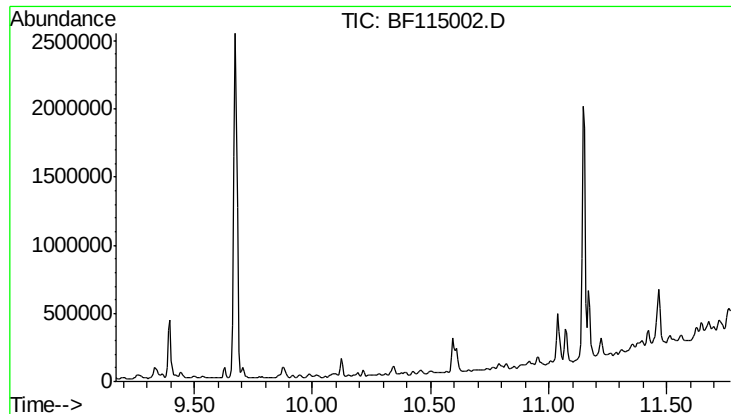
Ion Ratio Lower Upper

164 100

162 101.7 82.6 124.0

160 46.2 36.9 55.3

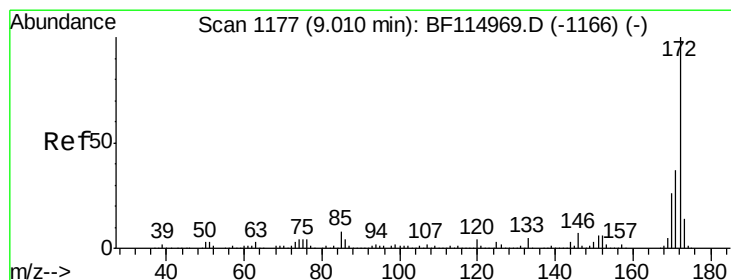
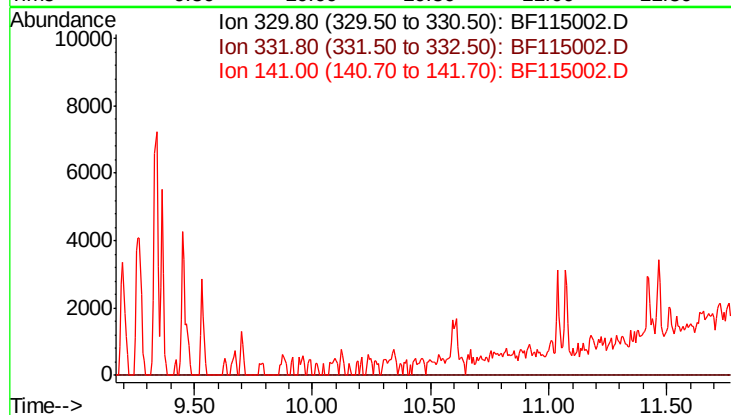




#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.47 min
 Lab File: BF115002.D
 Acq: 13 Jun 2019 14:45

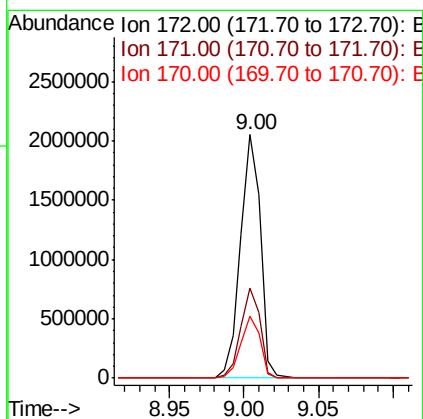
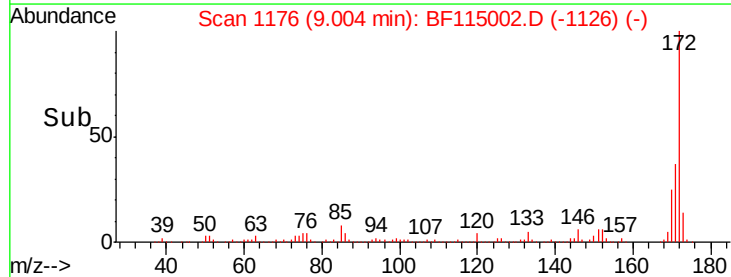
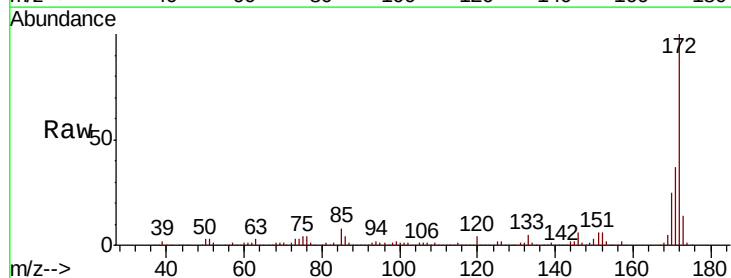
Instrument :
 BNA_F
 ClientSampleId :
 FK-0D015-03-007

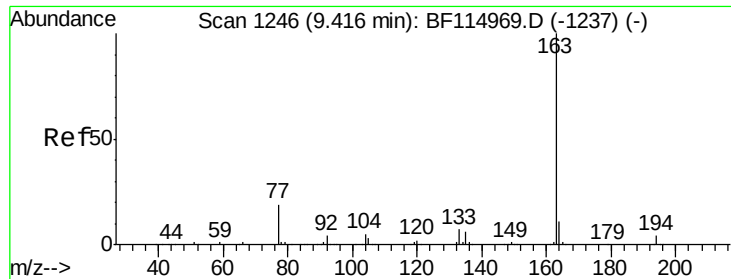
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 97.0
 141 34.0



#45
 2-Fluorobiphenyl
 Concen: 68.851 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF115002.D
 Acq: 13 Jun 2019 14:45

Tgt Ion: 172 Resp: 1928062
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.8 44.6
 170 25.3 20.6 31.0

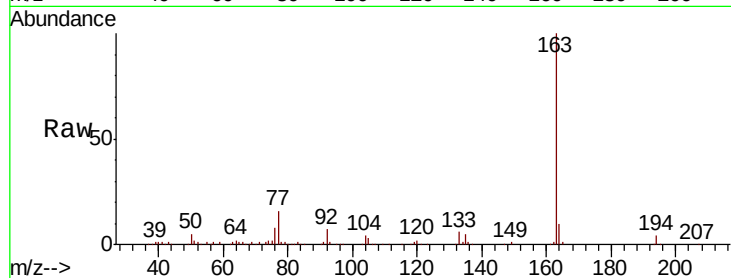




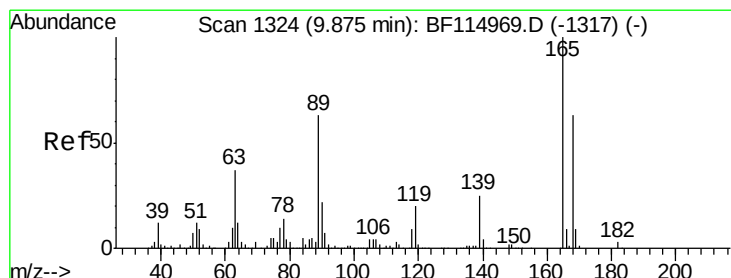
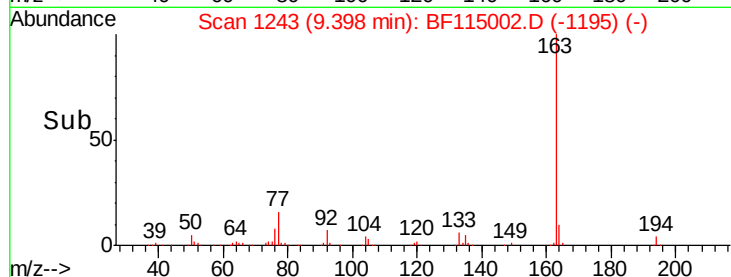
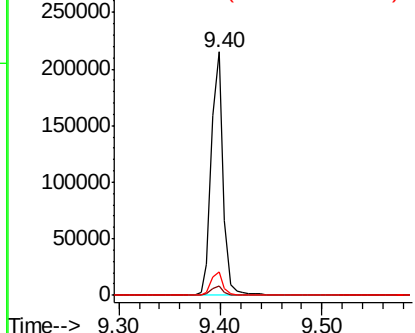
#50
Dimethylphthalate
Concen: 4.906 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BF115002.D
Acq: 13 Jun 2019 14:45

Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-007

Tot Ion:163 Resp: 175121
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.7 8.6 12.8

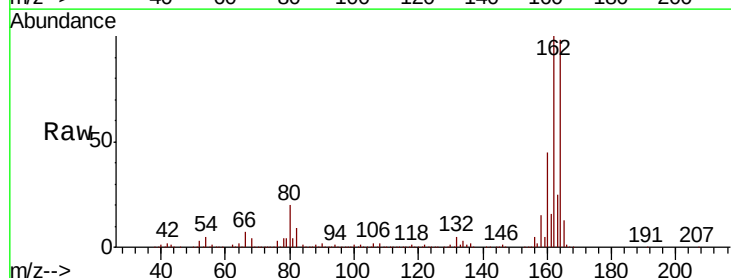


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

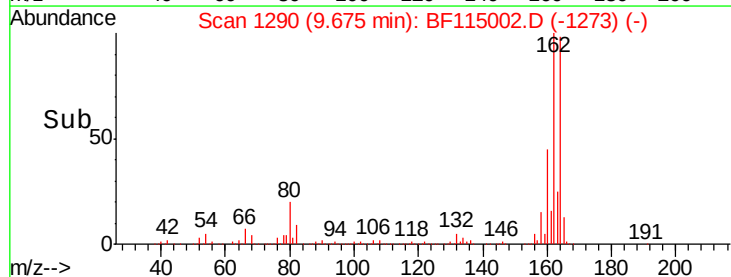
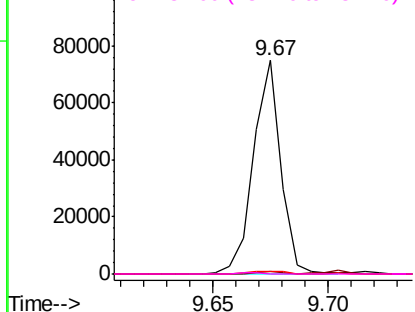


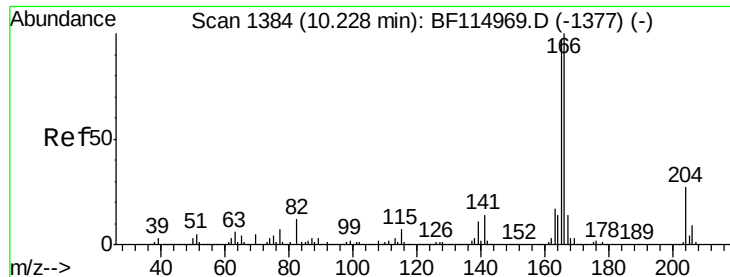
#57
2,4-Dinitrotoluene
Concen: 6.020 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.20 min
Lab File: BF115002.D
Acq: 13 Jun 2019 14:45

Tgt Ion:165 Resp: 62037
Ion Ratio Lower Upper
165 100
63 1.1 29.4 44.2#
89 1.4 50.6 75.8#
182 0.0 2.2 3.2#



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





#58

Fluorene

Concen: Below Cal

RT: 10.22 min Scan# 1382

Delta R.T. -0.01 min

Lab File: BF115002.D

Acq: 13 Jun 2019 14:45

Instrument :

BNA_F

ClientSampleId :

FK-0D015-03-007

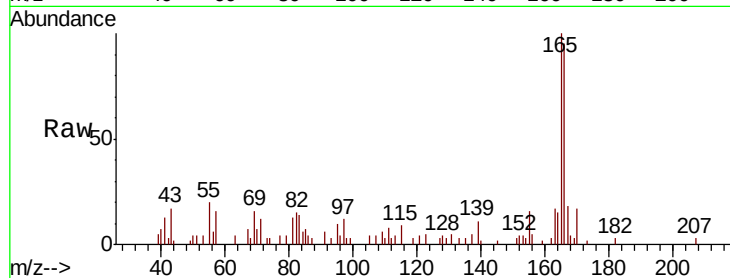
Tot Ion:166 Resp: 10633

Ion Ratio Lower Upper

166 100

165 105.5 77.6 116.4

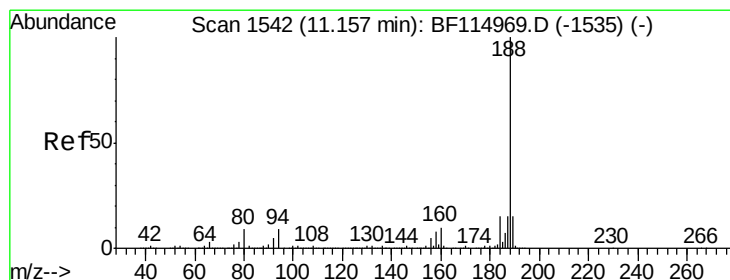
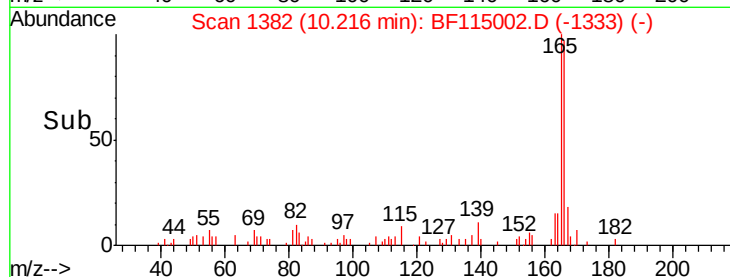
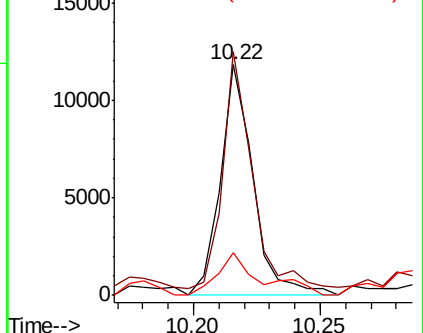
167 18.7 11.0 16.4#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.15 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BF115002.D

Acq: 13 Jun 2019 14:45

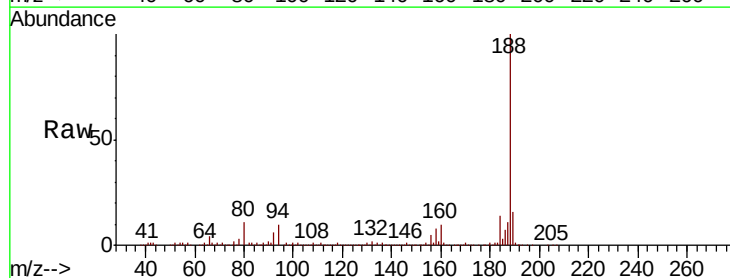
Tgt Ion:188 Resp: 722803

Ion Ratio Lower Upper

188 100

94 10.2 7.2 10.8

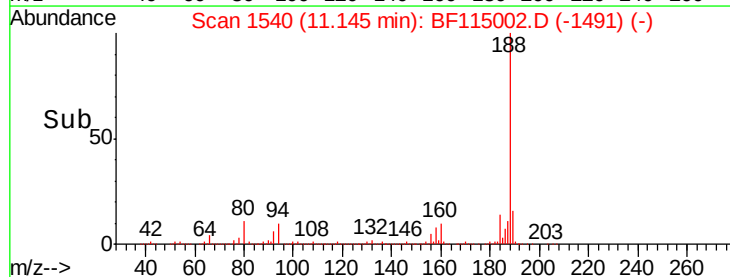
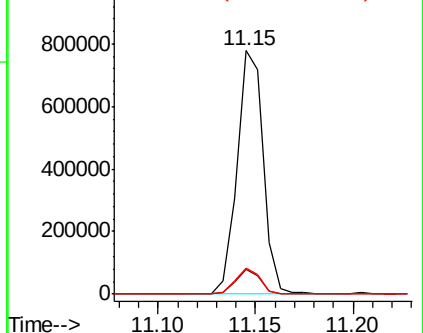
80 10.8 7.4 11.2

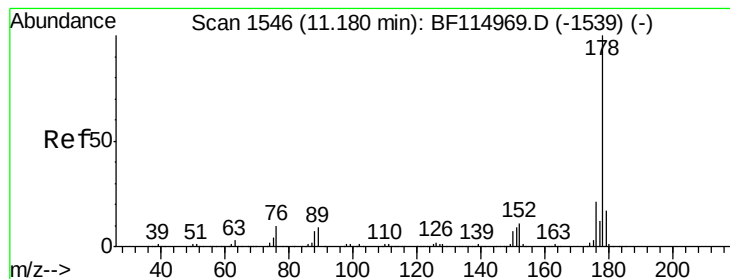


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#71

Phenanthrene

Concen: 4.815 ng

RT: 11.17 min Scan# 1544

Delta R.T. -0.01 min

Lab File: BF115002.D

Acq: 13 Jun 2019 14:45

Instrument :

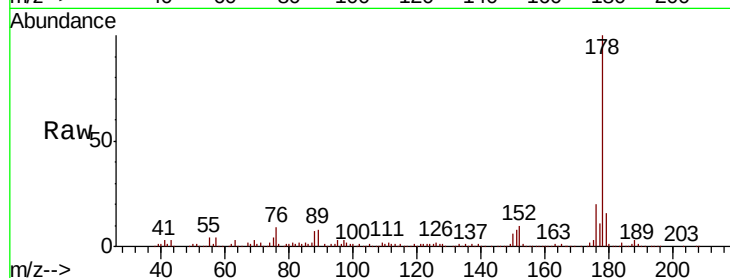
BNA_F

ClientSampleId :

FK-0D015-03-007

Tot Ion:178 Resp: 179696

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.9	25.3
179	16.2	13.4	20.0

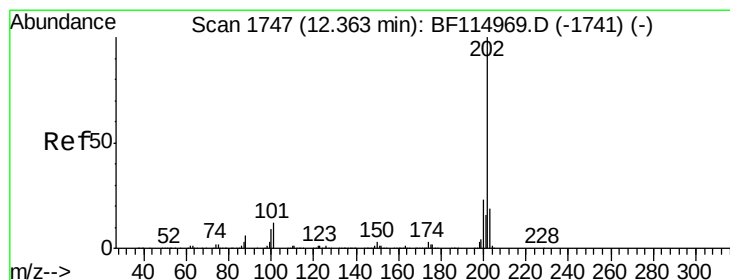
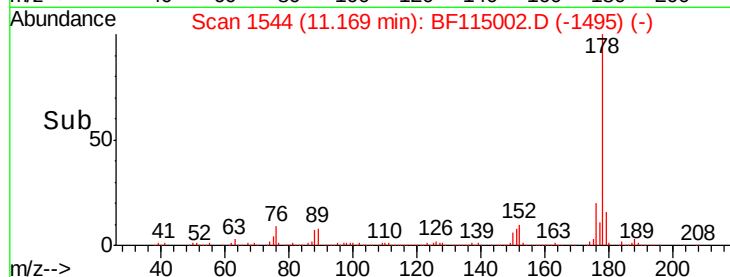
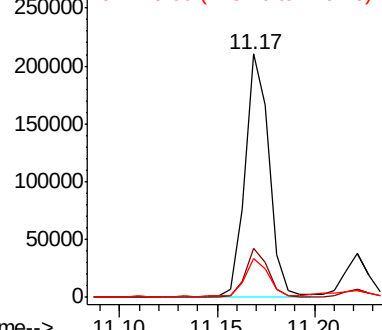


Abundance

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



#75

Fluoranthene

Concen: 4.396 ng

RT: 12.35 min Scan# 1745

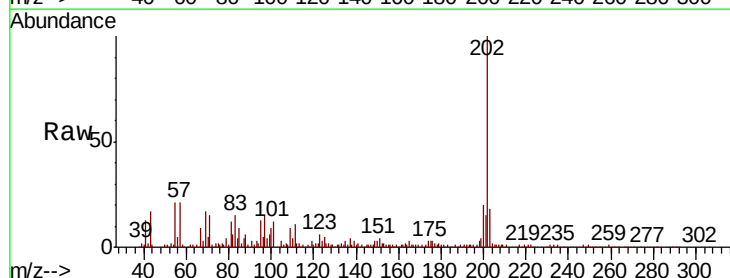
Delta R.T. -0.01 min

Lab File: BF115002.D

Acq: 13 Jun 2019 14:45

Tgt Ion:202 Resp: 167742

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	32.4
203	18.3	0.0	38.6

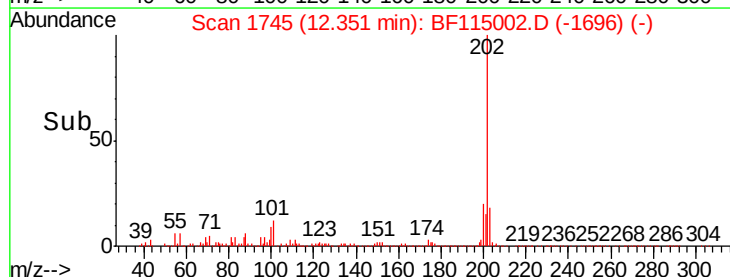
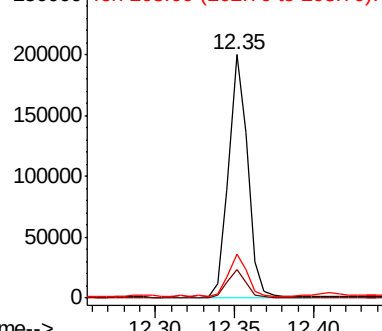


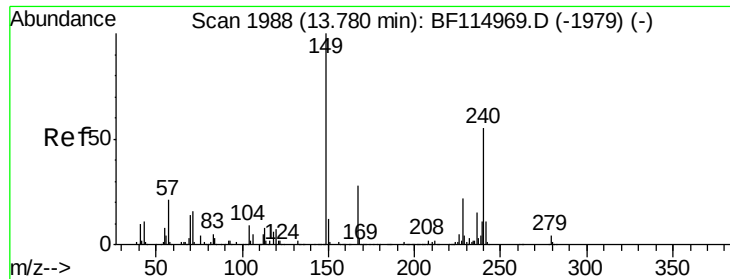
Abundance

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

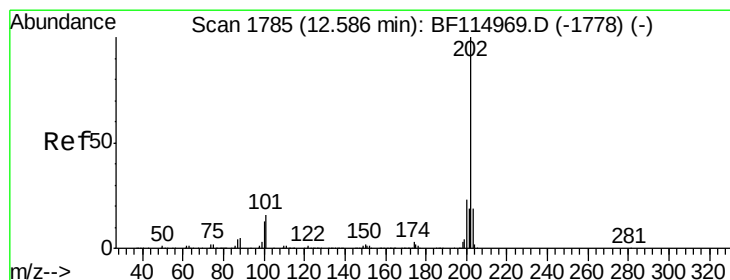
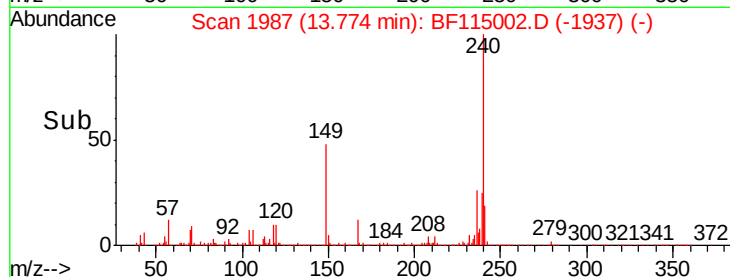
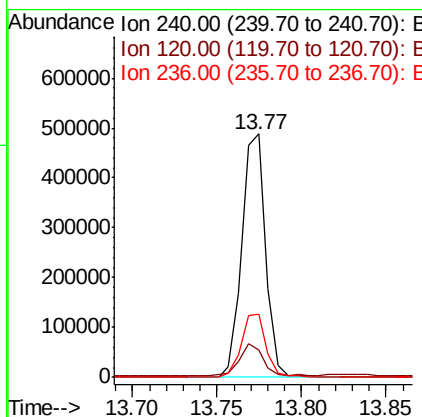
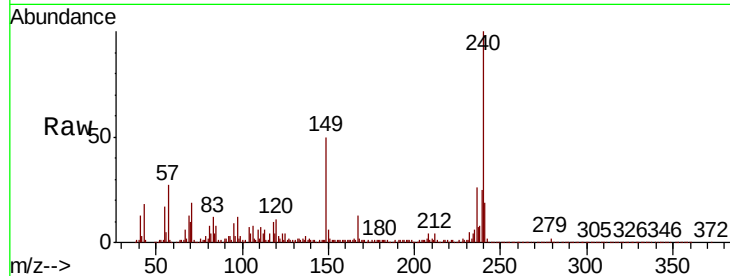




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BF115002.D
Acq: 13 Jun 2019 14:45

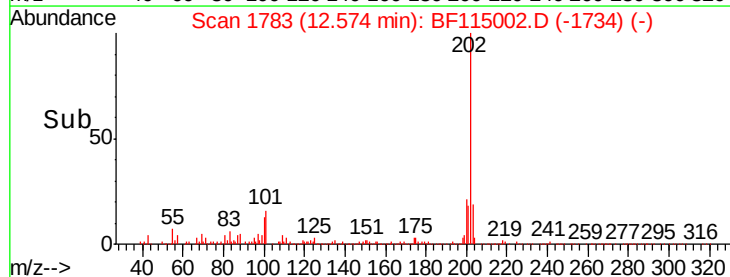
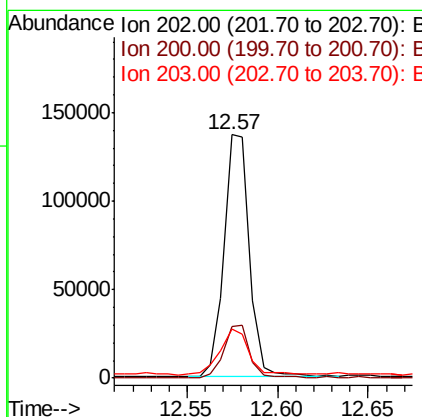
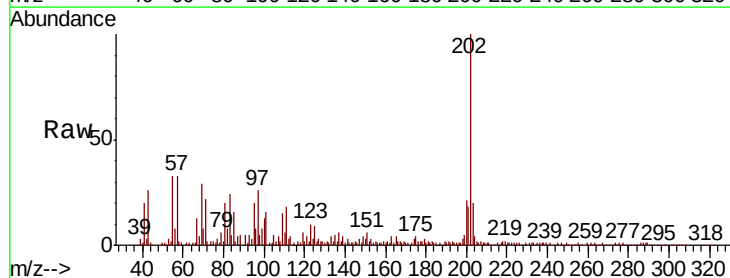
Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-007

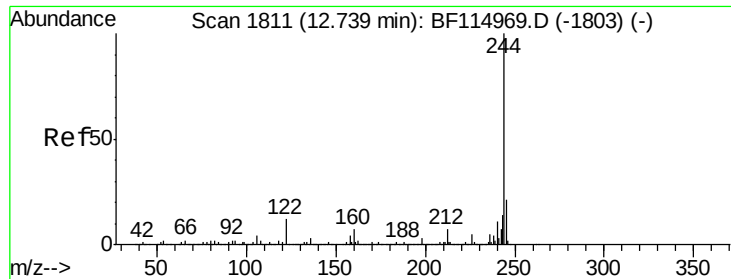
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.3	10.0	15.0
236	26.1	21.6	32.4



#78
Pyrene
Concen: 3.035 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF115002.D
Acq: 13 Jun 2019 14:45

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	18.4	27.6
203	20.1	14.9	22.3

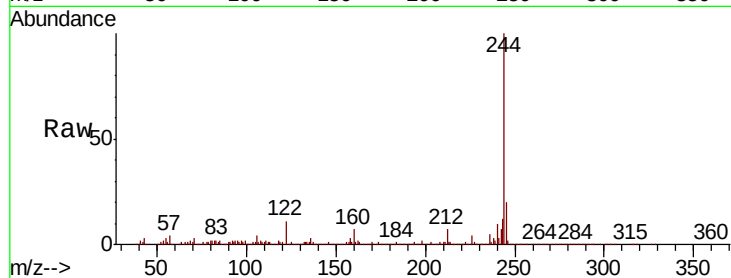




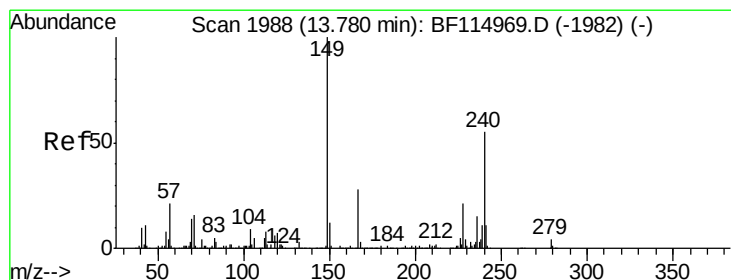
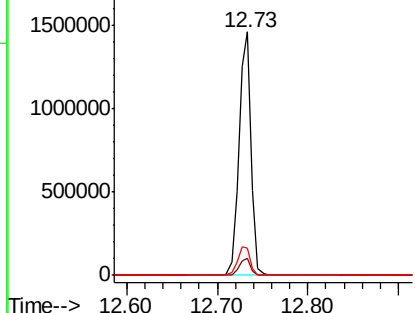
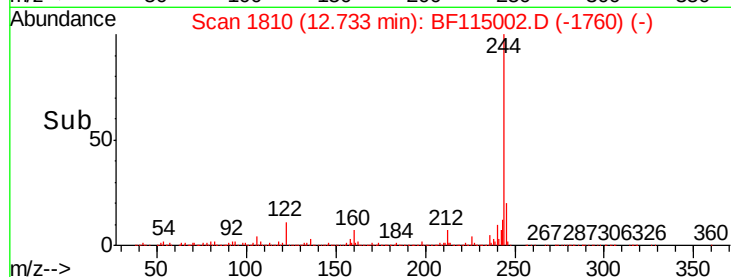
#79
 Terphenyl-d14
 Concen: 54.019 ng
 RT: 12.73 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: BF115002.D
 Acq: 13 Jun 2019 14:45

Instrument :
 BNA_F
 ClientSampleId :
 FK-0D015-03-007

Tot Ion:244 Resp: 1376834
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 11.2 9.4 14.0

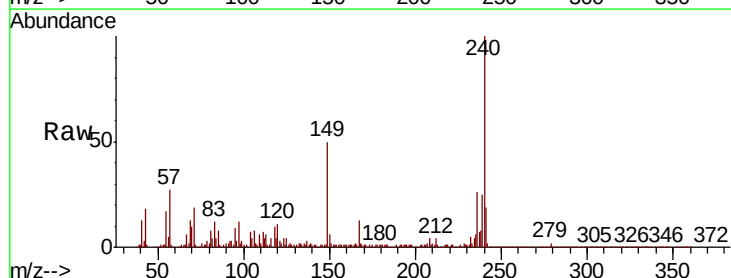


Abundance Ion 244.00 (243.70 to 244.70): E
 2000000 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

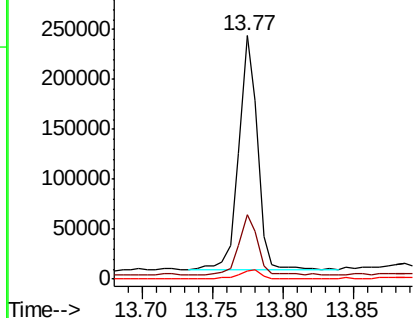
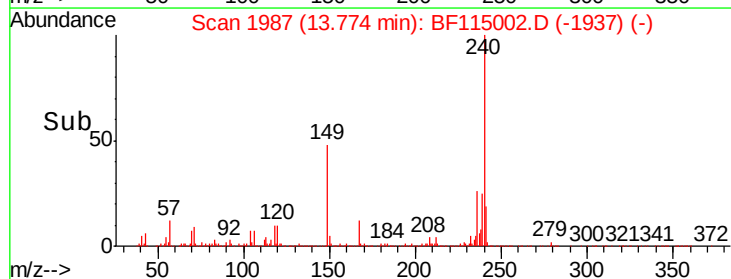


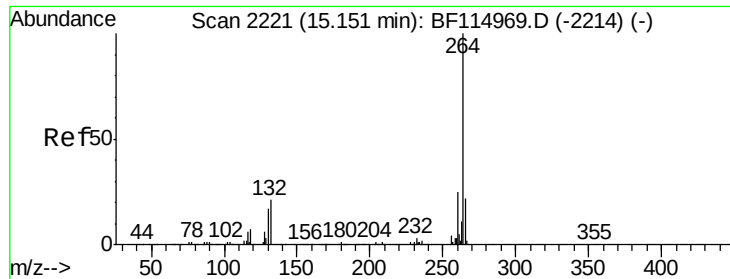
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 8.871 ng
 RT: 13.77 min Scan# 1987
 Delta R.T. -0.01 min
 Lab File: BF115002.D
 Acq: 13 Jun 2019 14:45

Tgt Ion:149 Resp: 213875
 Ion Ratio Lower Upper
 149 100
 167 26.5 22.2 33.4
 279 3.3 3.4 5.0#



Abundance Ion 149.00 (148.70 to 149.70): E
 300000 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



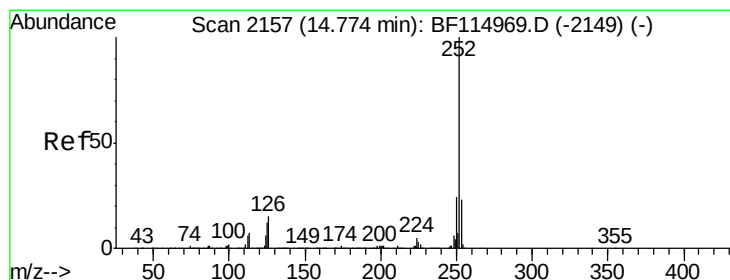
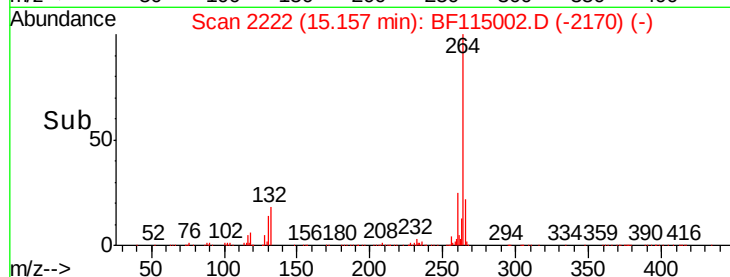
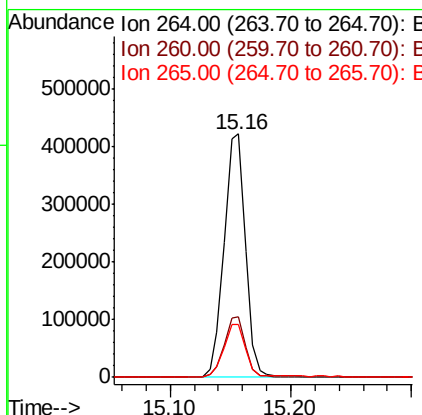
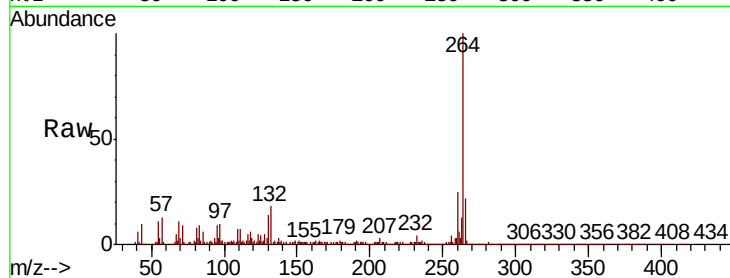


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.16 min Scan# 2222
Delta R.T. 0.01 min
Lab File: BF115002.D
Acq: 13 Jun 2019 14:45

Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-007

Tot Ion:264 Resp: 513849

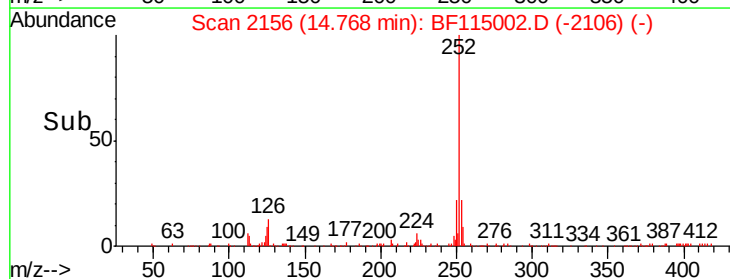
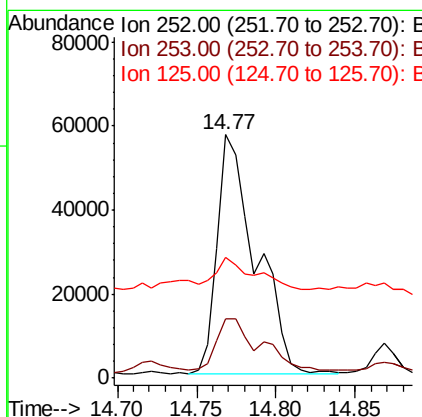
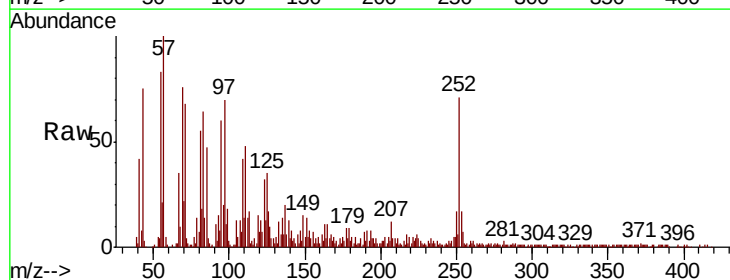
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.9	29.9
265	21.9	17.6	26.4

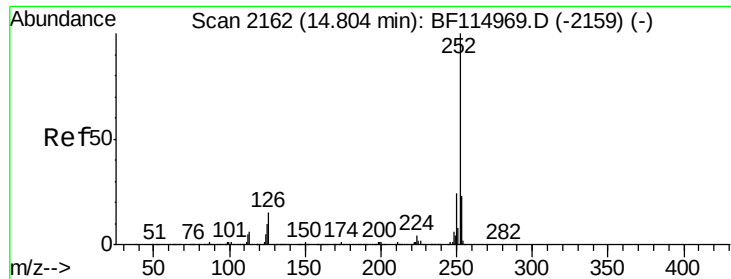


#88
Benzo(b)fluoranthene
Concen: 2.848 ng
RT: 14.77 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BF115002.D
Acq: 13 Jun 2019 14:45

Tgt Ion:252 Resp: 97289

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.1	27.1
125	49.7	9.4	14.0





#89

Benzo(k)fluoranthene

Concen: 3.245 ng

RT: 14.77 min Scan# 2156

Delta R.T. -0.04 min

Lab File: BF115002.D

Acq: 13 Jun 2019 14:45

Instrument :

BNA_F

ClientSampleId :

FK-0D015-03-007

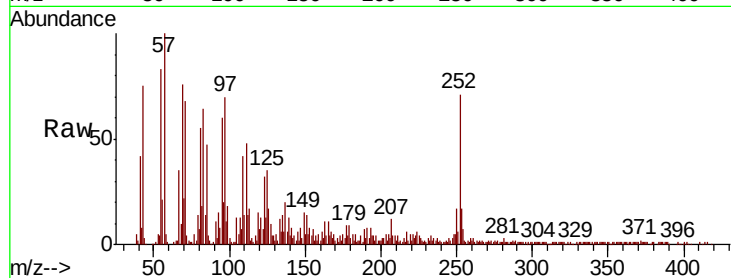
Tot Ion:252 Resp: 97289

Ion Ratio Lower Upper

252 100

253 24.4 18.0 27.0

125 49.7 8.2 12.4#



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

