

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
 Data File : BF115060.D
 Acq On : 15 Jun 2019 00:22
 Operator : HP/JU
 Sample : K3344-01RE
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Jun 17 04:05:12 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

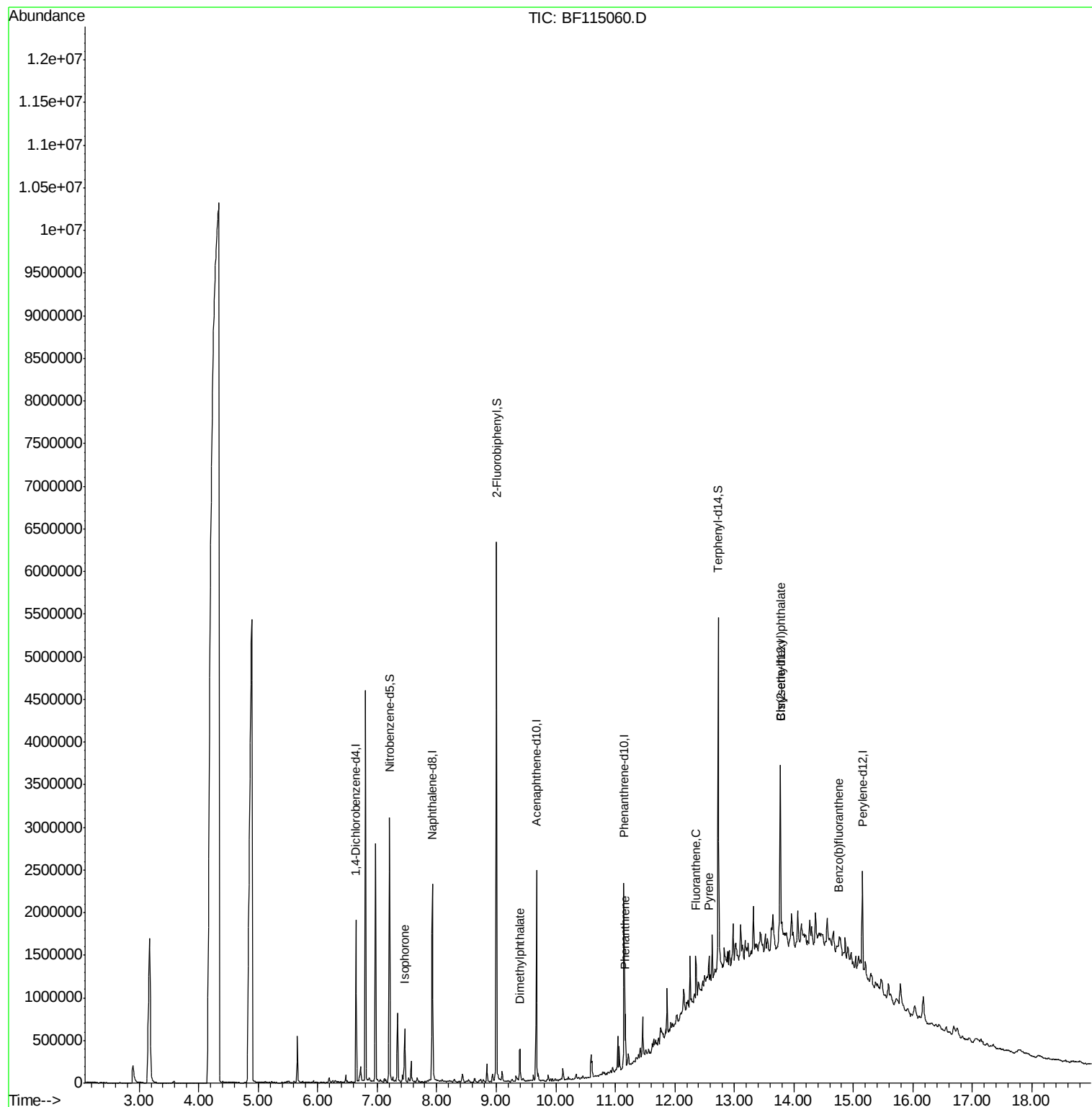
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	277209	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1063926	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	488637	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	817161	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	483908	20.00	ng	-0.01
87) Perylene-d12	15.15	264	528419	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0d	0.00	ng	
7) Phenol-d6	6.30	99	10204	0.51	ng	0.00
23) Nitrobenzene-d5	7.21	82	1038046	58.73	ng	0.00
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	9.00	172	1944775	67.45	ng	0.00
79) Terphenyl-d14	12.73	244	1534344	59.64	ng	0.00
Target Compounds						
25) Isophorone	7.46	82	231352	6.988	ng	98
50) Dimethylphthalate	9.40	163	174918	4.760	ng	99
71) Phenanthrene	11.17	178	206696	4.899	ng	97
75) Fluoranthene	12.35	202	188956	4.380	ng	99
78) Pyrene	12.57	202	148149	3.361	ng	97
84) Bis(2-ethylhexyl)phthalate	13.77	149	243168	9.992	ng	99
88) Benzo(b)fluoranthene	14.77	252	81400m	2.317	ng	

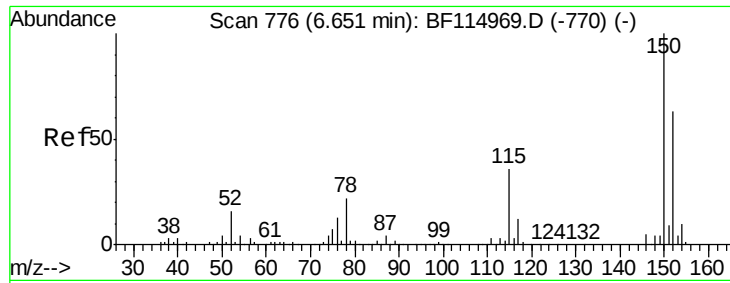
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 17 04:05:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
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QLast Update : Wed Jun 12 15:42:37 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.65 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF115060.D

Acq: 15 Jun 2019 00:22

Instrument :

BNA_F

ClientSampleId :

FK-0D015-03-007RE

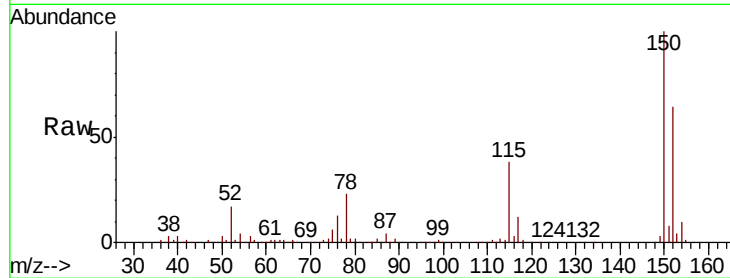
Tot Ion:152 Resp: 277209

Ion Ratio Lower Upper

152 100

150 156.0 127.4 191.0

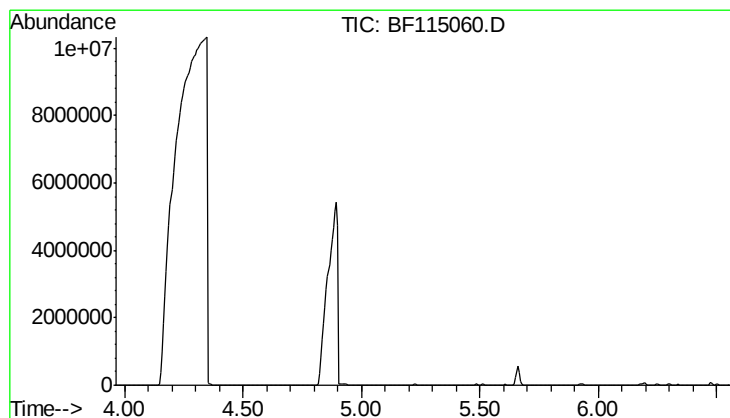
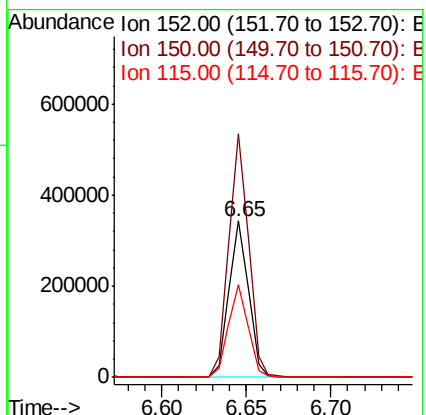
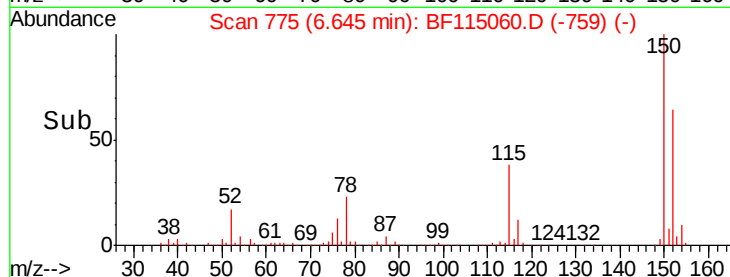
115 59.0 46.0 69.0



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: 0.000 ng

Expected RT: 5.26 min

Lab File: BF115060.D

Acq: 15 Jun 2019 00:22

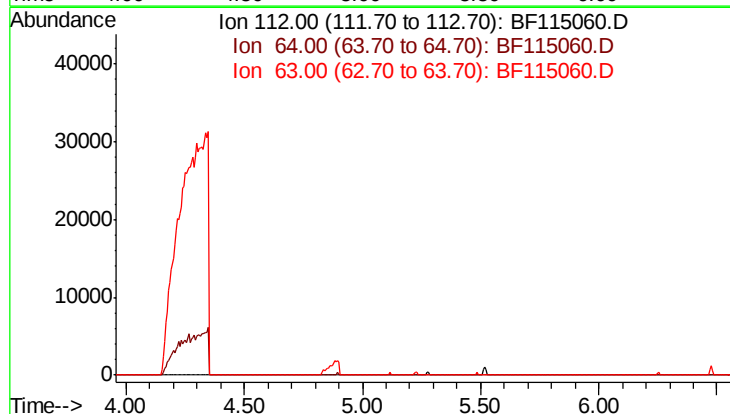
Tgt Ion: 112

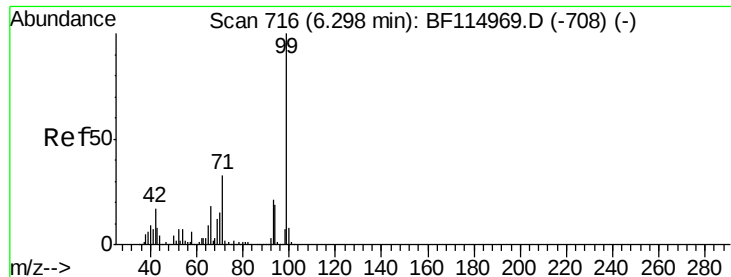
Sig Exp Ratio

112 100

64 52.0

63 26.1





#7

Phenol-d6

Concen: 0.510 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF115060.D

Acq: 15 Jun 2019 00:22

Instrument :

BNA_F

ClientSampleId :

FK-0D015-03-007RE

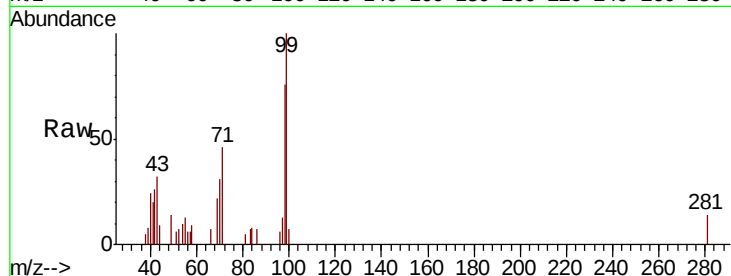
Tot Ion: 99 Resp: 10204

Ion Ratio Lower Upper

99 100

42 25.5 13.4 20.2#

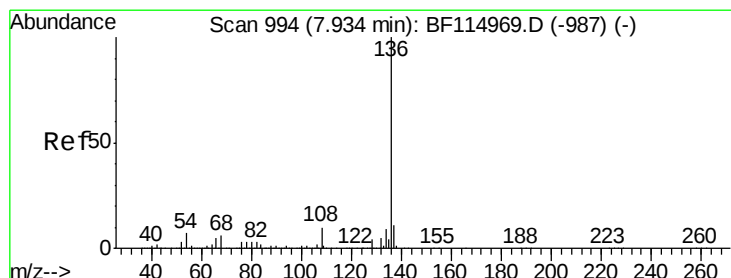
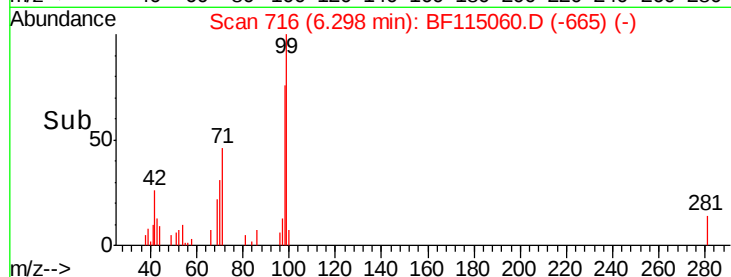
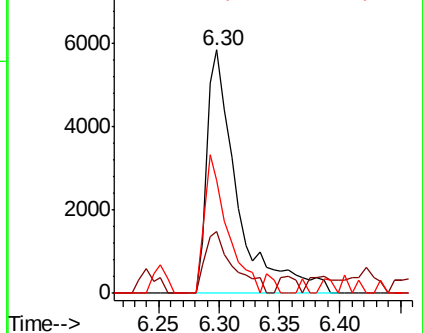
71 46.5 26.4 39.6#



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF115060.D

Acq: 15 Jun 2019 00:22

Tgt Ion: 136 Resp: 1063926

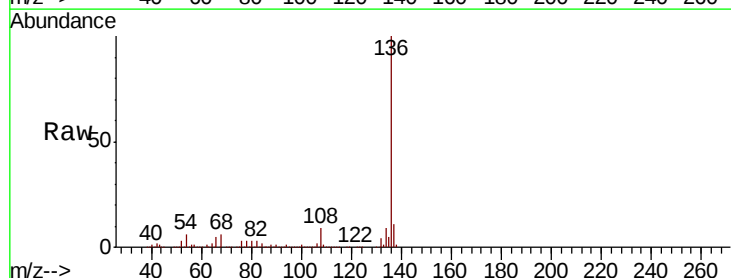
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 6.1 5.4 8.0

68 5.6 4.6 7.0

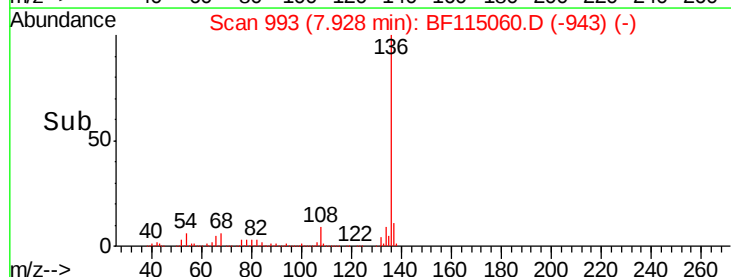
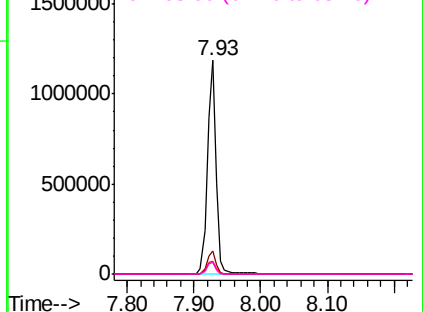


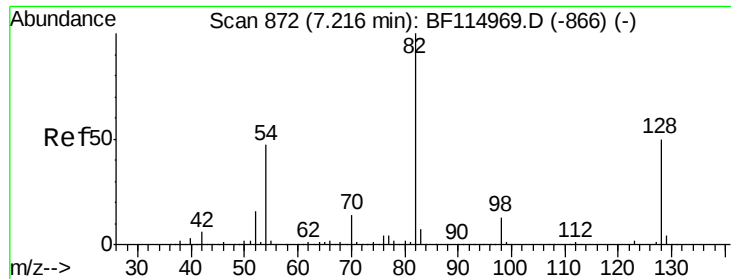
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

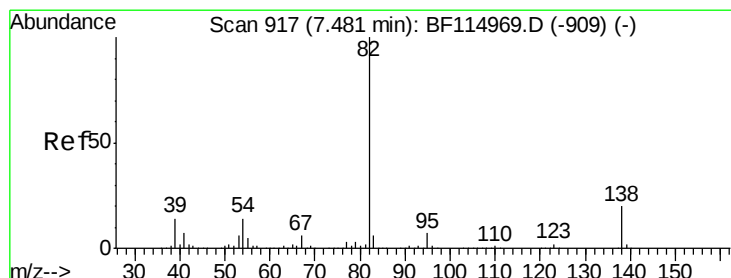
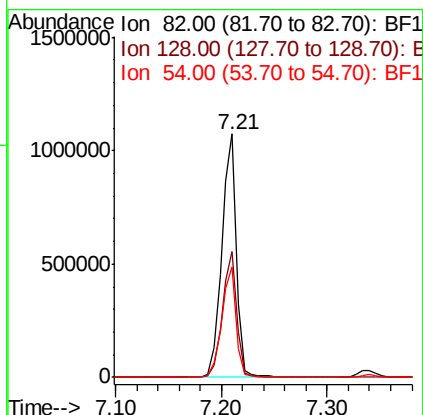
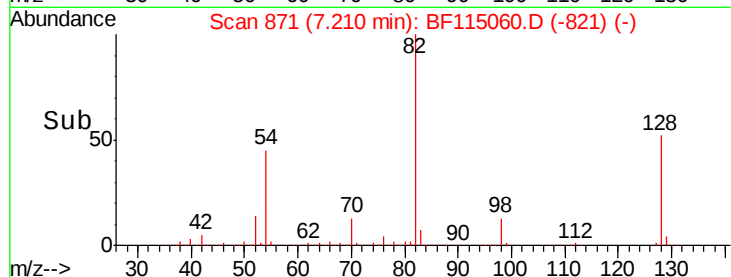
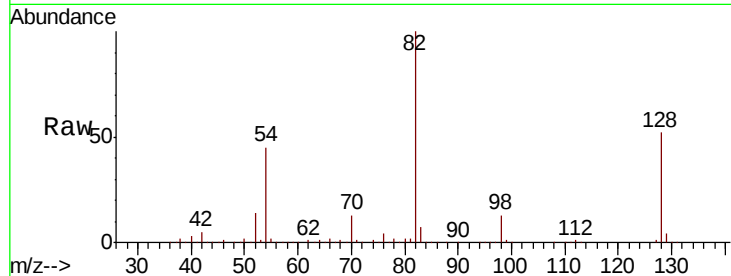




#23
 Nitrobenzene-d5
 Concen: 58.728 ng
 RT: 7.21 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: BF115060.D
 Acq: 15 Jun 2019 00:22

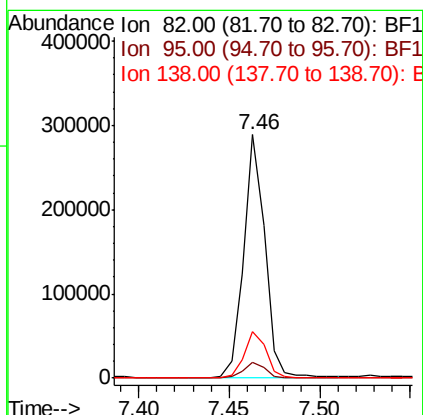
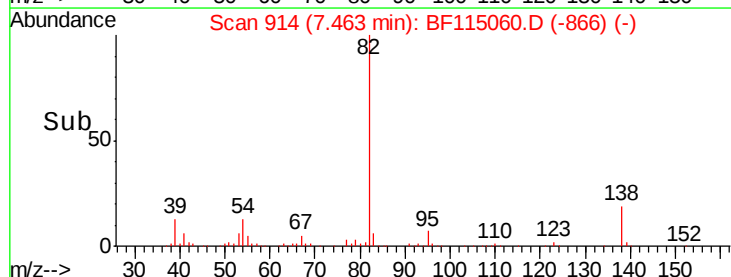
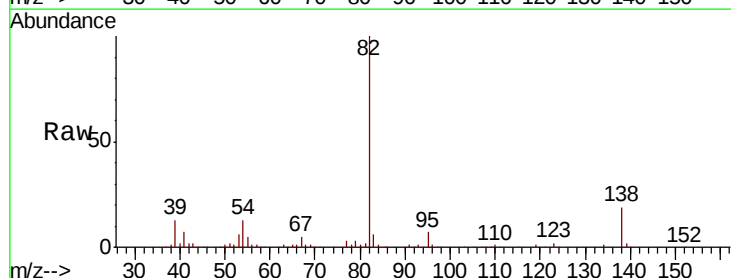
Instrument :
 BNA_F
 ClientSampleId :
 FK-0D015-03-007RE

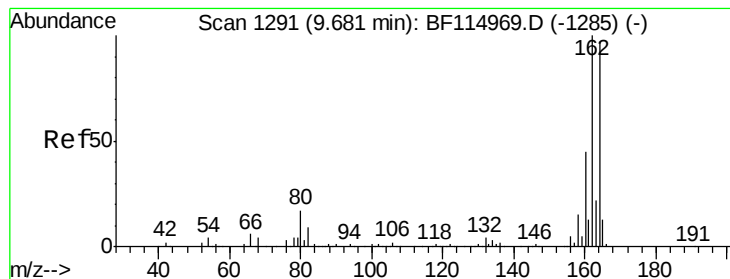
Tot Ion: 82 Resp: 1038046
 Ion Ratio Lower Upper
 82 100
 128 51.8 39.9 59.9
 54 45.3 37.3 55.9



#25
 Isophorone
 Concen: 6.988 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.02 min
 Lab File: BF115060.D
 Acq: 15 Jun 2019 00:22

Tgt Ion: 82 Resp: 231352
 Ion Ratio Lower Upper
 82 100
 95 6.5 5.6 8.4
 138 18.9 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: BF115060.D

Acq: 15 Jun 2019 00:22

Instrument :

BNA_F

ClientSampleId :

FK-0D015-03-007RE

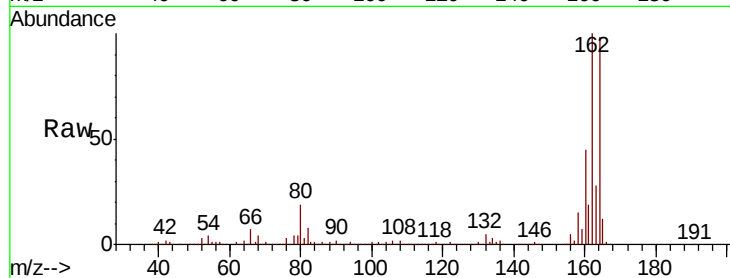
Tot Ion:164 Resp: 488637

Ion Ratio Lower Upper

164 100

162 101.6 82.6 124.0

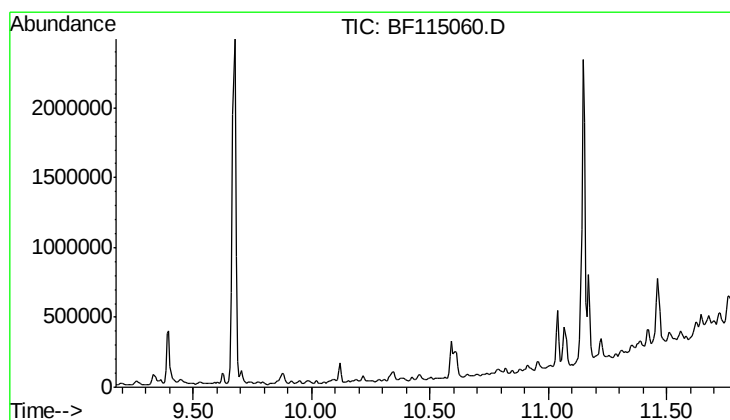
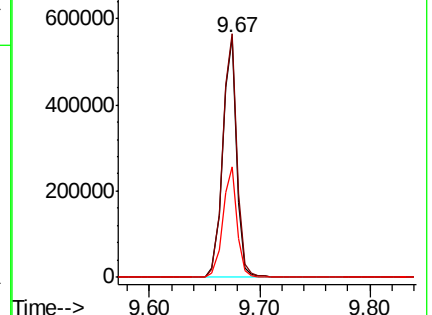
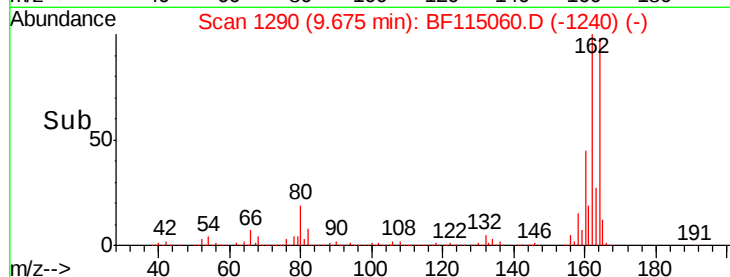
160 46.0 36.9 55.3



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: 0.000 ng

Expected RT: 10.47 min

Lab File: BF115060.D

Acq: 15 Jun 2019 00:22

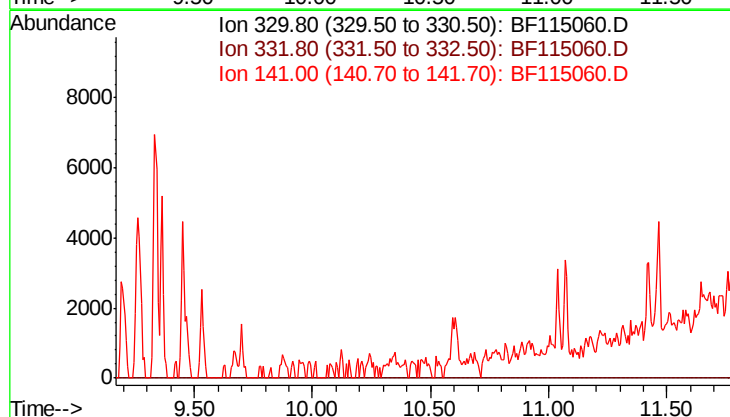
Tgt Ion: 330

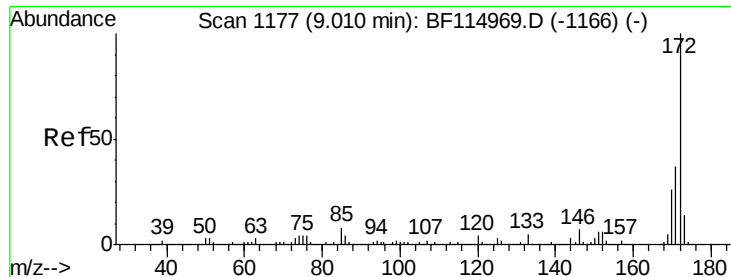
Sig Exp Ratio

330 100

332 97.0

141 34.0

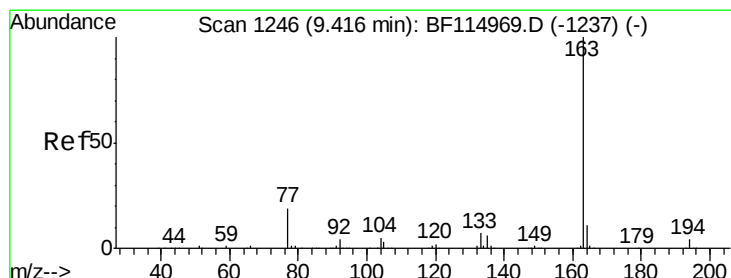
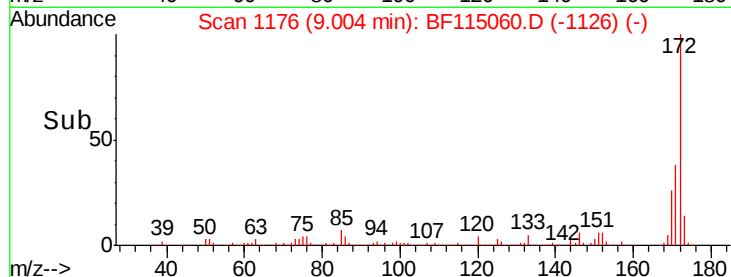
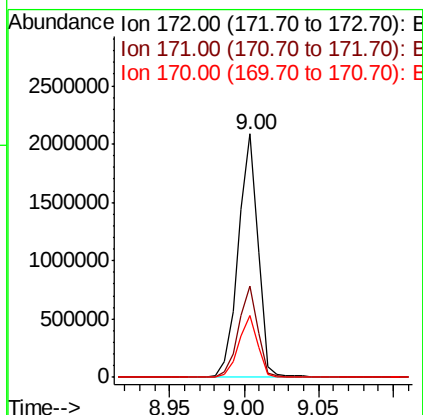
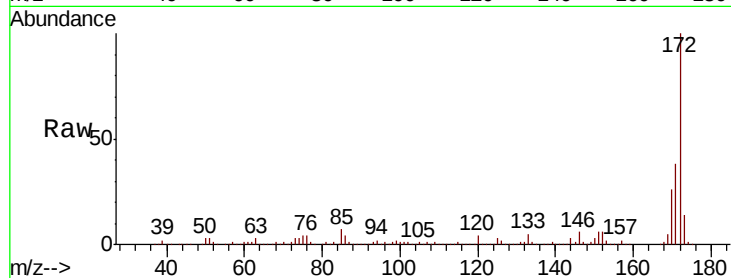




#45
2-Fluorobiphenyl
Concen: 67.454 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF115060.D
Acq: 15 Jun 2019 00:22

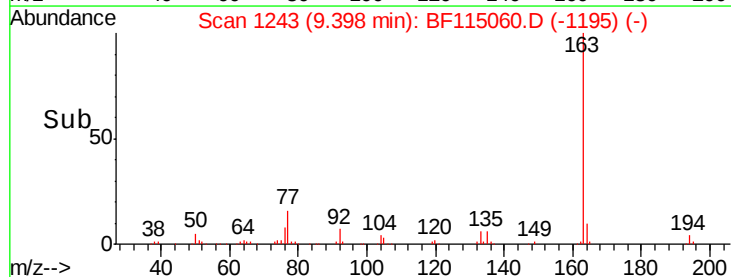
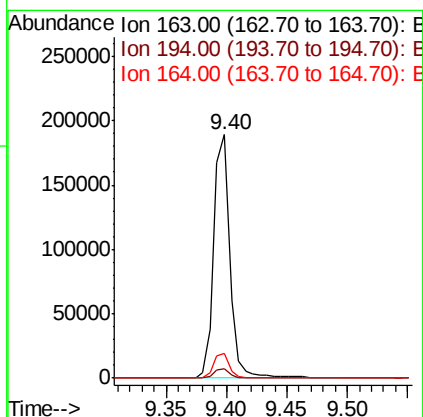
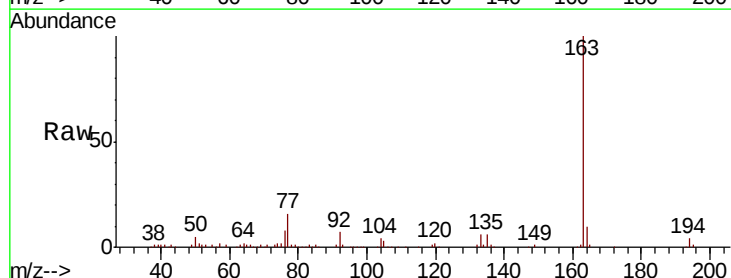
Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-007RE

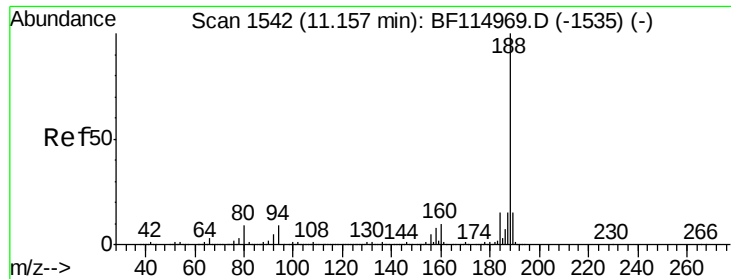
Tot Ion:172 Resp: 1944775
Ion Ratio Lower Upper
172 100
171 37.6 29.8 44.6
170 25.6 20.6 31.0



#50
Dimethylphthalate
Concen: 4.760 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BF115060.D
Acq: 15 Jun 2019 00:22

Tgt Ion:163 Resp: 174918
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.0 8.6 12.8

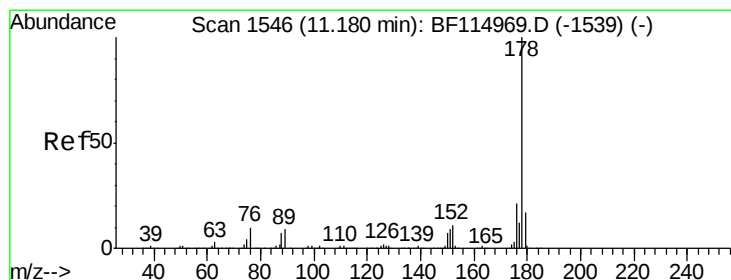
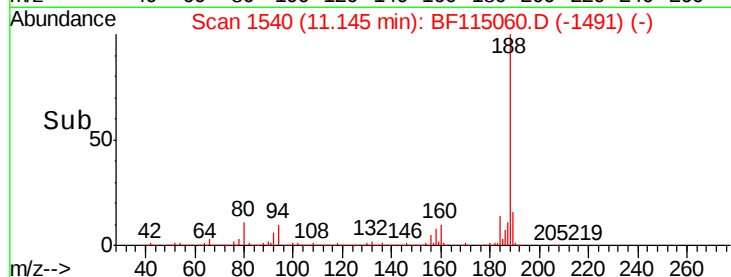
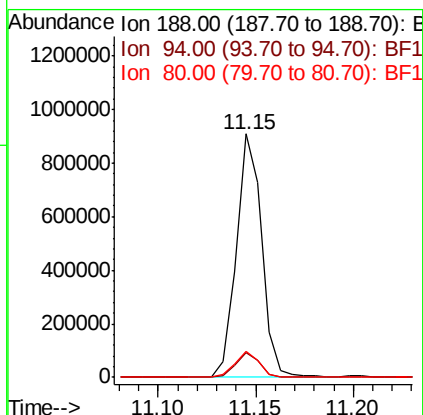
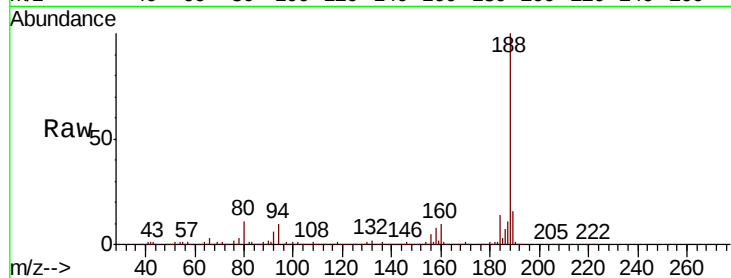




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF115060.D
Acq: 15 Jun 2019 00:22

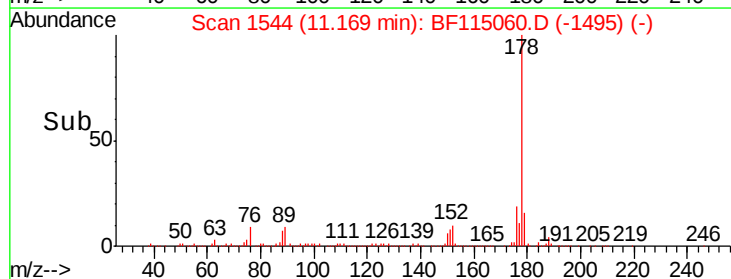
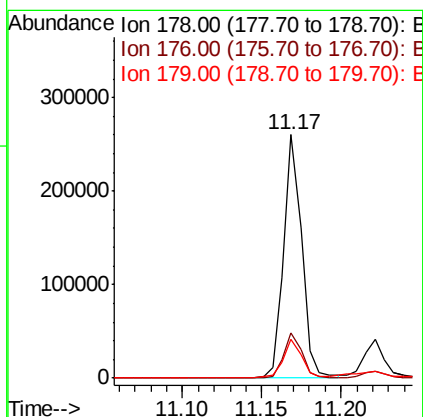
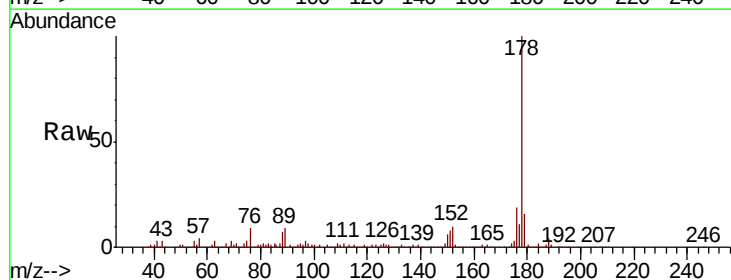
Instrument :
BNA_F
ClientSampleId :
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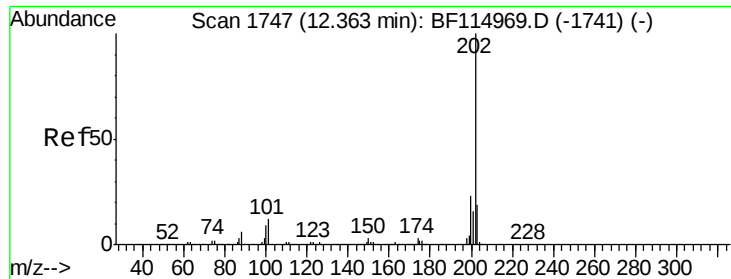
Tot Ion:188 Resp: 817161
Ion Ratio Lower Upper
188 100
94 10.3 7.2 10.8
80 10.6 7.4 11.2



#71
Phenanthrene
Concen: 4.899 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.01 min
Lab File: BF115060.D
Acq: 15 Jun 2019 00:22

Tgt Ion:178 Resp: 206696
Ion Ratio Lower Upper
178 100
176 18.8 16.9 25.3
179 16.0 13.4 20.0





#75

Fluoranthene

Concen: 4.380 ng

RT: 12.35 min Scan# 1745

Delta R.T. -0.01 min

Lab File: BF115060.D

Acq: 15 Jun 2019 00:22

Instrument :

BNA_F

ClientSampleId :

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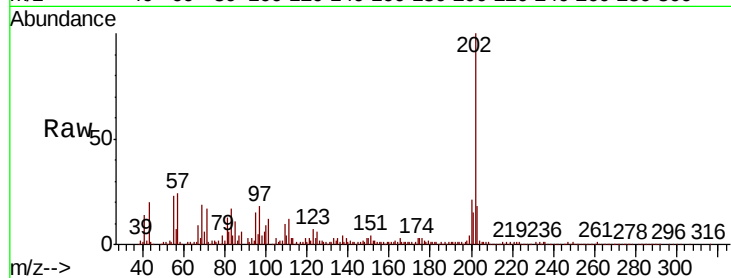
Tot Ion:202 Resp: 188956

Ion Ratio Lower Upper

202 100

101 11.7 0.0 32.4

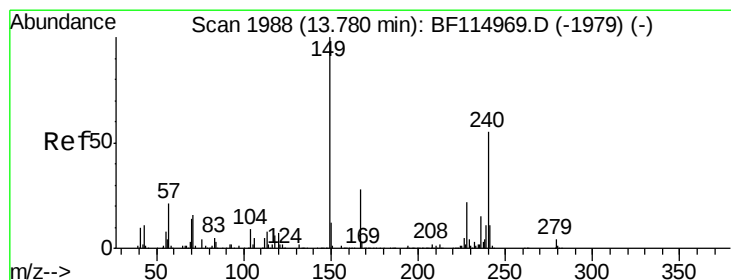
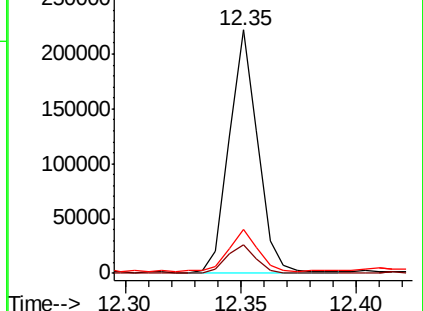
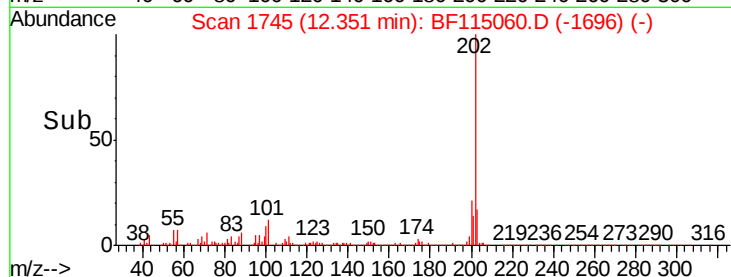
203 18.1 0.0 38.6



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# 1986

Delta R.T. -0.01 min

Lab File: BF115060.D

Acq: 15 Jun 2019 00:22

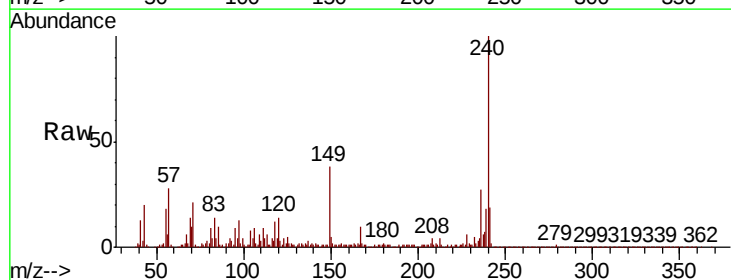
Tgt Ion:240 Resp: 483908

Ion Ratio Lower Upper

240 100

120 13.8 10.0 15.0

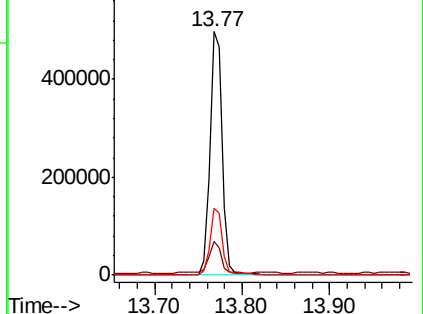
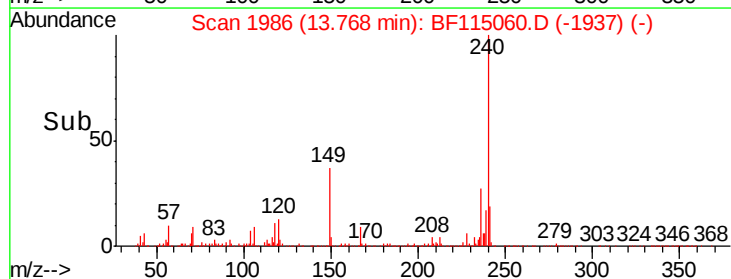
236 27.3 21.6 32.4

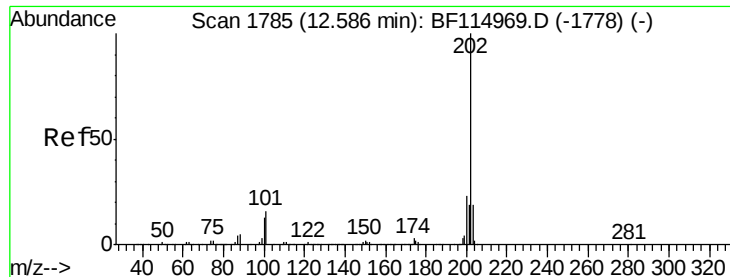


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 3.361 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF115060.D

Acq: 15 Jun 2019 00:22

Instrument :

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FK-0D015-03-007RE

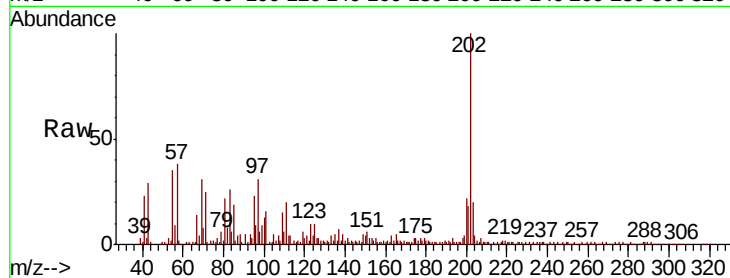
Tot Ion:202 Resp: 148149

Ion Ratio Lower Upper

202 100

200 21.7 18.4 27.6

203 19.7 14.9 22.3

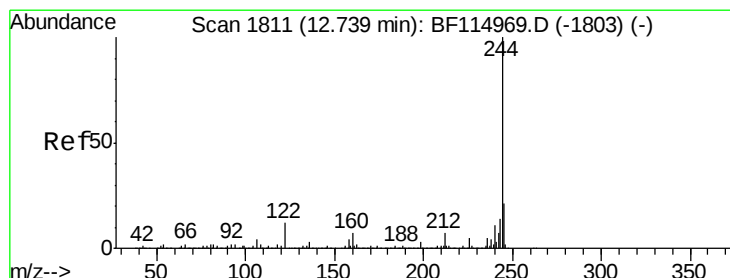
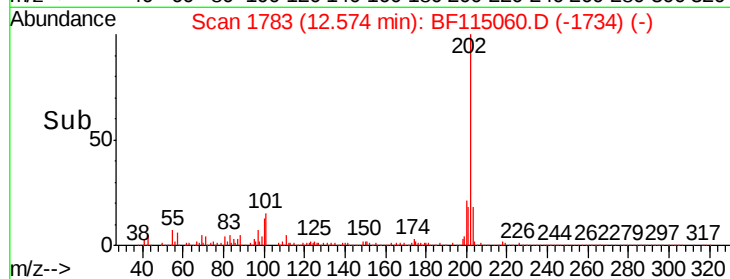
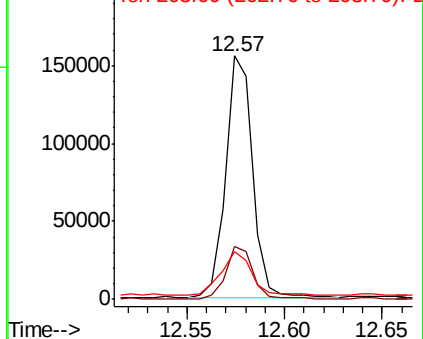


Abundance

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: 59.637 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF115060.D

Acq: 15 Jun 2019 00:22

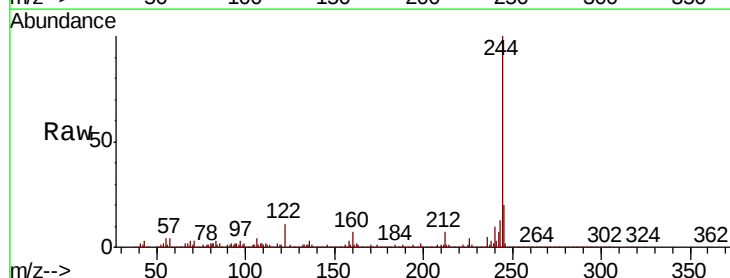
Tgt Ion:244 Resp: 1534344

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 11.1 9.4 14.0

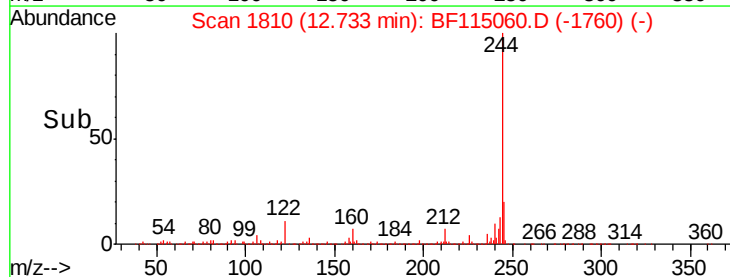
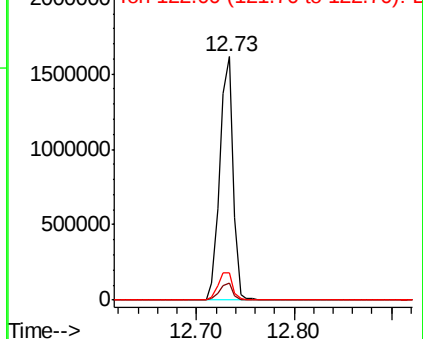


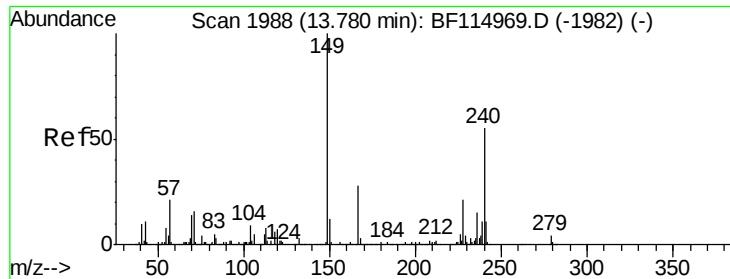
Abundance

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





#84

Bis(2-ethylhexyl)phthalate

Concen: 9.992 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BF115060.D

Acq: 15 Jun 2019 00:22

Instrument :

BNA_F

ClientSampleId :

FK-0D015-03-007RE

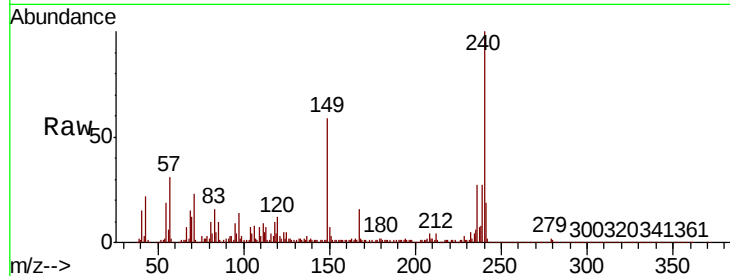
Tot Ion:149 Resp: 243168

Ion Ratio Lower Upper

149 100

167 27.4 22.2 33.4

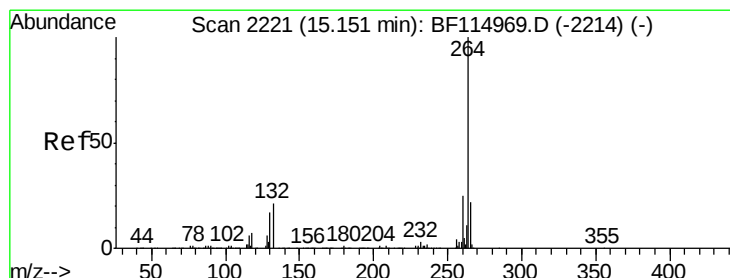
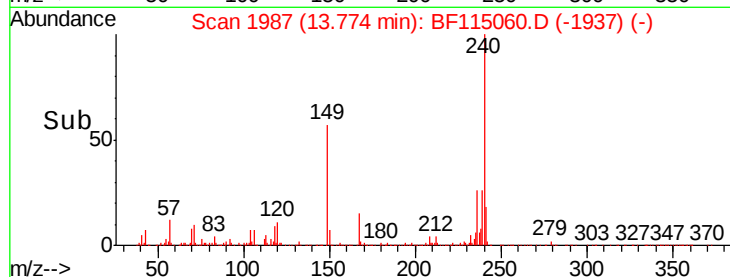
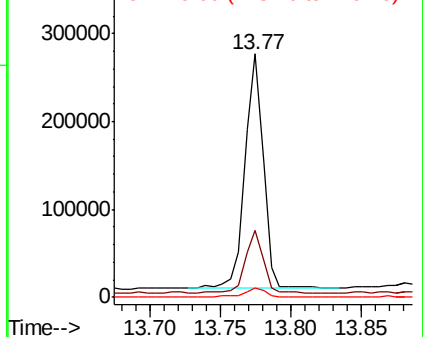
279 4.1 3.4 5.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.15 min Scan# 2221

Delta R.T. -0.00 min

Lab File: BF115060.D

Acq: 15 Jun 2019 00:22

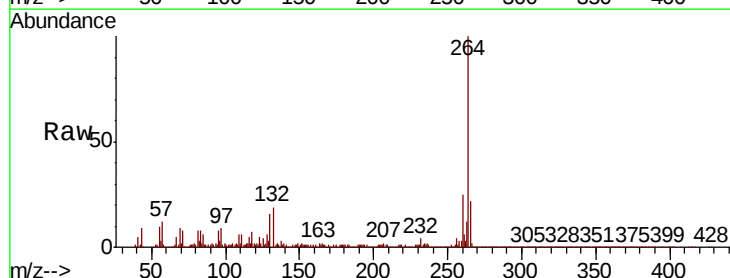
Tgt Ion:264 Resp: 528419

Ion Ratio Lower Upper

264 100

260 25.0 19.9 29.9

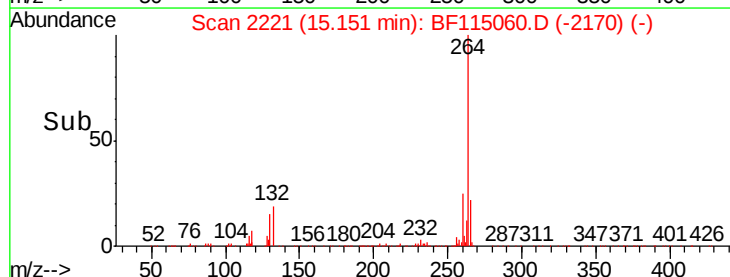
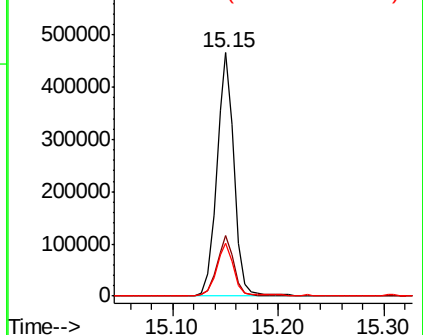
265 21.8 17.6 26.4

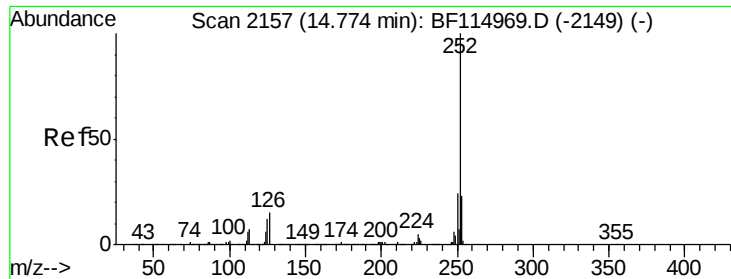


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 2.317 ng/mL

RT: 14.77 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BF115060.D

Acq: 15 Jun 2019 00:22

Instrument :

BNA_F

ClientSampleId :

FK-0D015-03-007RE

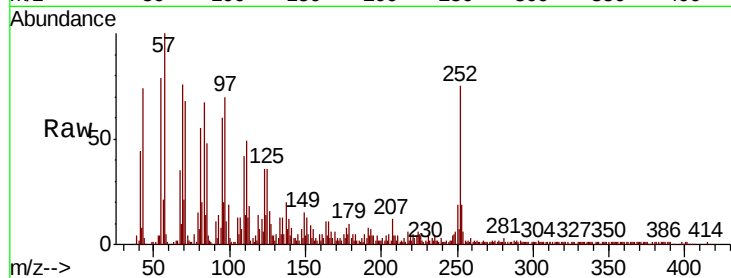
Tot Ion: 252 Resp: 81400

Ion Ratio Lower Upper

252 100

253 25.7 18.1 27.1

125 47.6 9.4 14.0



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

