

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062519\
 Data File : BF115193.D
 Acq On : 25 Jun 2019 17:57
 Operator : HP/JU
 Sample : K3439-01RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-0D015-03-006RE

Quant Time: Jun 26 05:47:23 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

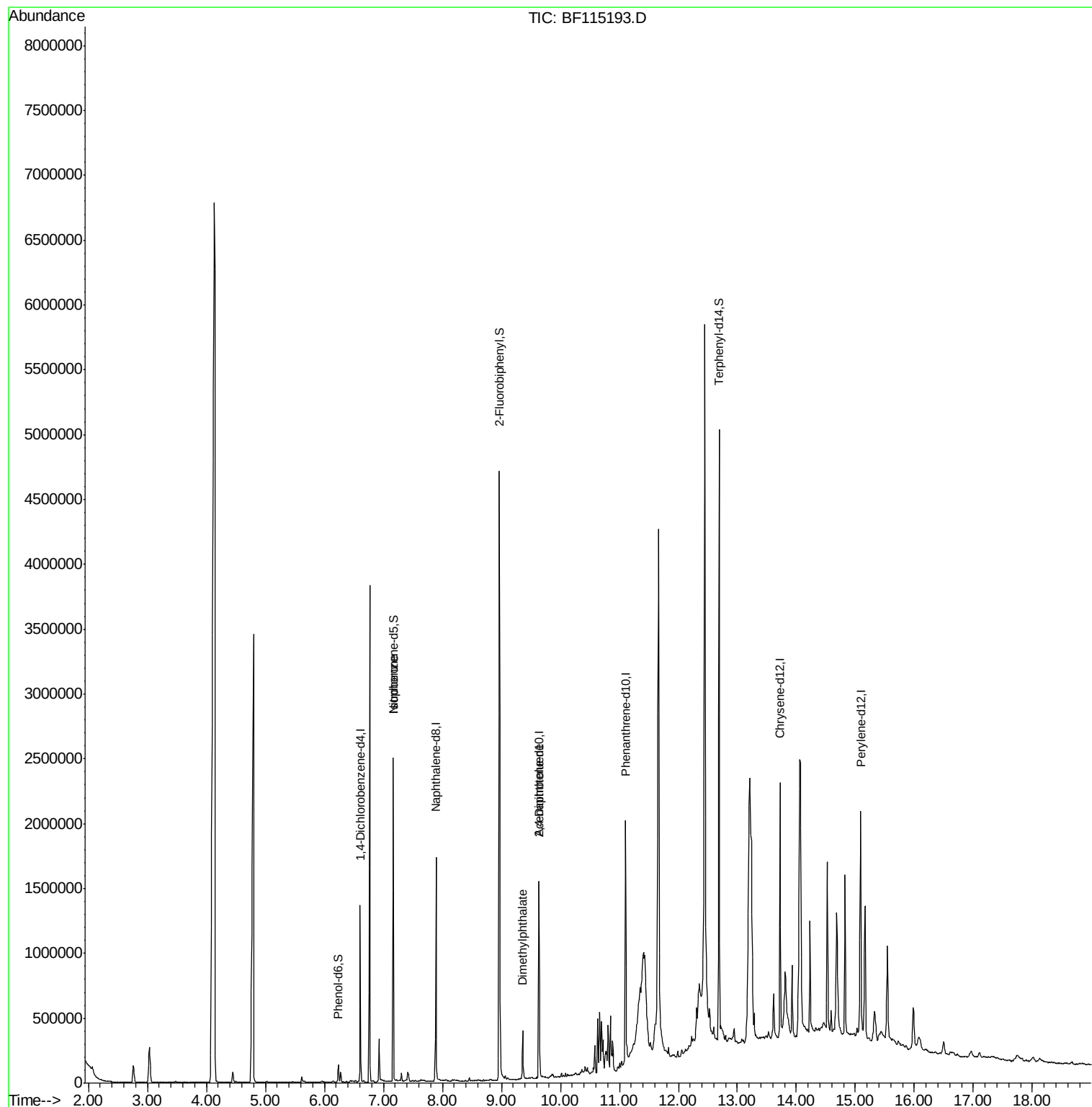
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	192621	20.00	ng	-0.01
21) Naphthalene-d8	7.89	136	706460	20.00	ng	-0.01
39) Acenaphthene-d10	9.64	164	328358	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	637112	20.00	ng	-0.01
76) Chrysene-d12	13.72	240	606823	20.00	ng	-0.02
87) Perylene-d12	15.09	264	690618	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	841	0.07	ng	0.00
7) Phenol-d6	6.24	99	47733	3.15	ng	-0.02
23) Nitrobenzene-d5	7.17	82	804403	70.04	ng	-0.02
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	8.97	172	1578507	81.66	ng	-0.02
79) Terphenyl-d14	12.69	244	1743179	61.08	ng	-0.02
Target Compounds						
25) Isophorone	7.17	82	787264	33.464	ng	# 63
50) Dimethylphthalate	9.36	163	168905	6.992	ng	99
57) 2,4-Dinitrotoluene	9.64	165	42412	5.889	ng	# 31
58) Fluorene	10.18	166	1784	Below Cal		# 95

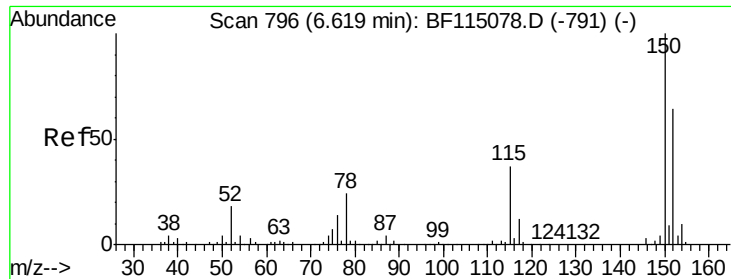
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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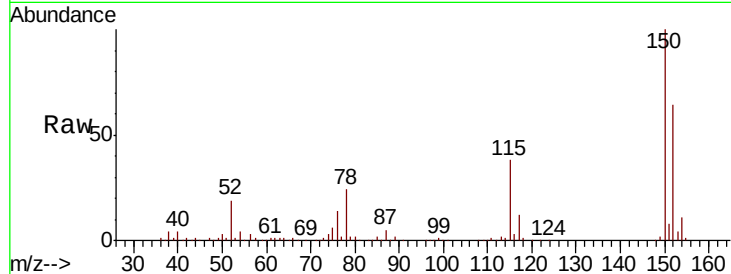


#1

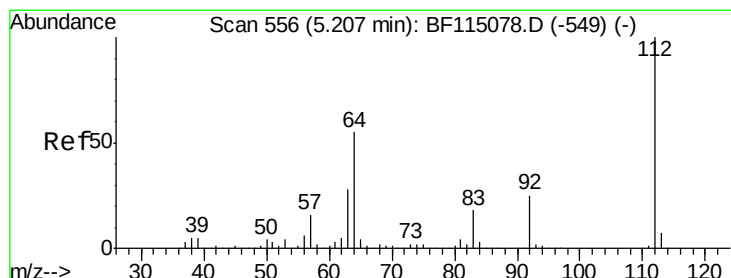
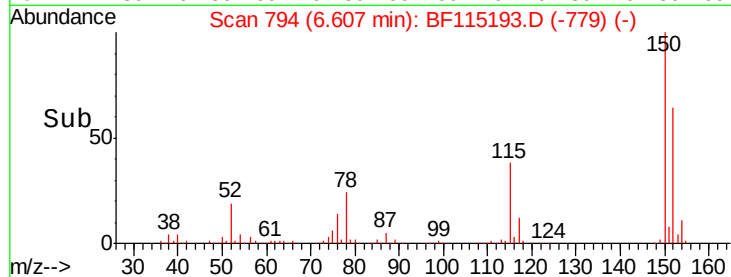
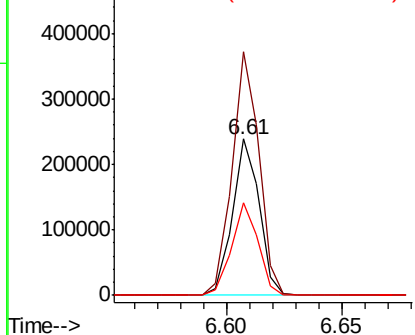
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF115193.D
Acq: 25 Jun 2019 17:57

Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-006RE

Tgt Ion:152 Resp: 192621
Ion Ratio Lower Upper
152 100
150 155.8 124.2 186.2
115 58.9 46.1 69.1



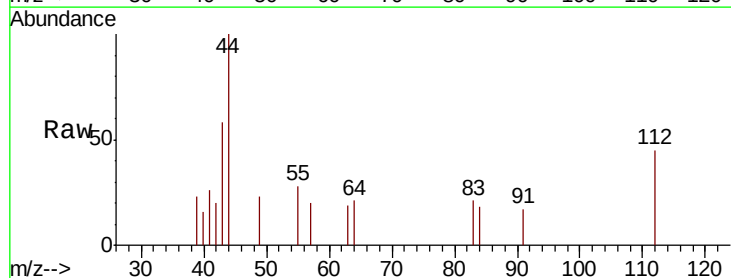
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



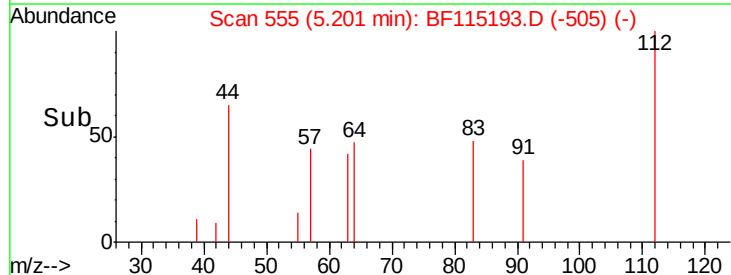
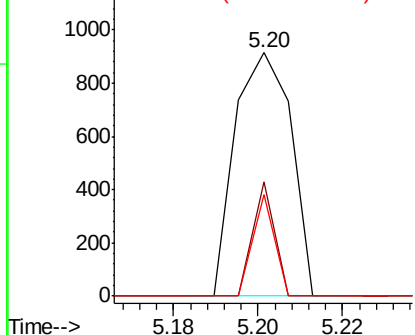
#5

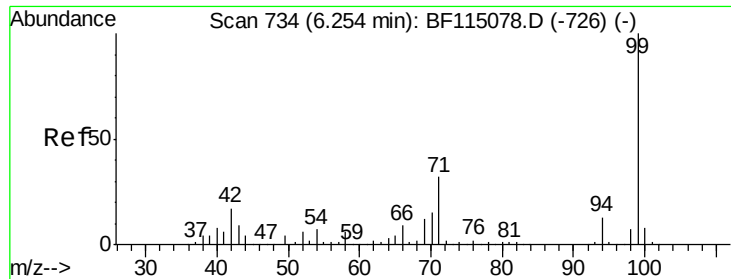
2-Fluorophenol
Concen: 0.067 ng
RT: 5.20 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF115193.D
Acq: 25 Jun 2019 17:57

Tgt Ion:112 Resp: 841
Ion Ratio Lower Upper
112 100
64 46.9 43.8 65.6
63 41.9 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





#7

Phenol-d6

Concen: 3.151 ng

RT: 6.24 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF115193.D

Acq: 25 Jun 2019 17:57

Instrument :

BNA_F

ClientSampleId :

FK-0D015-03-006RE

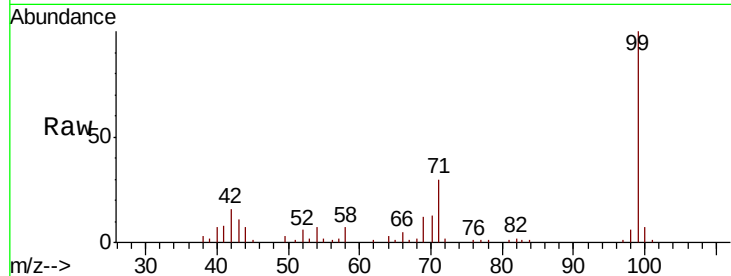
Tgt Ion: 99 Resp: 47733

Ion Ratio Lower Upper

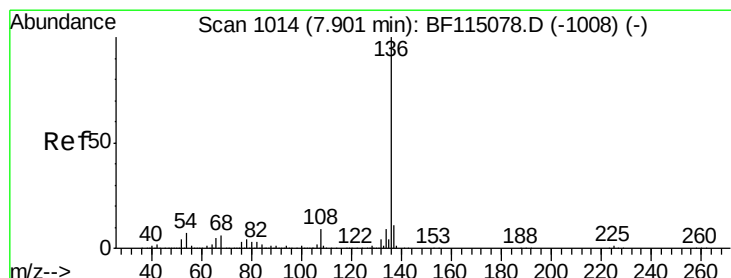
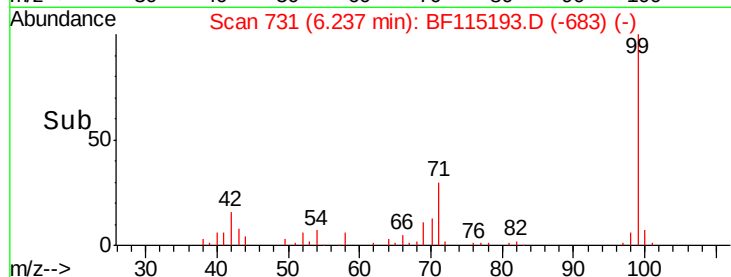
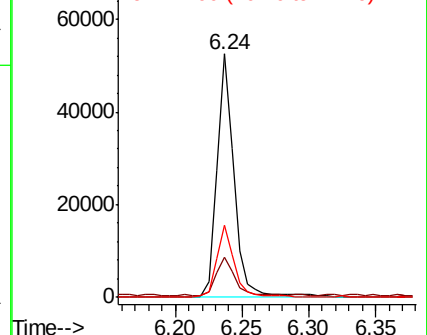
99 100

42 16.5 13.6 20.4

71 29.6 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.89 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF115193.D

Acq: 25 Jun 2019 17:57

Tgt Ion: 136 Resp: 706460

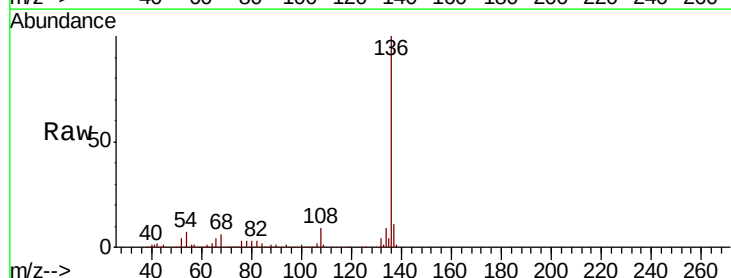
Ion Ratio Lower Upper

136 100

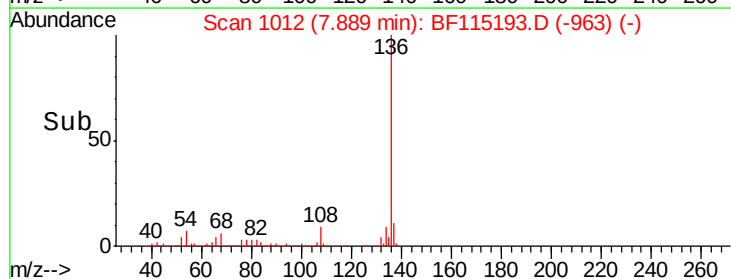
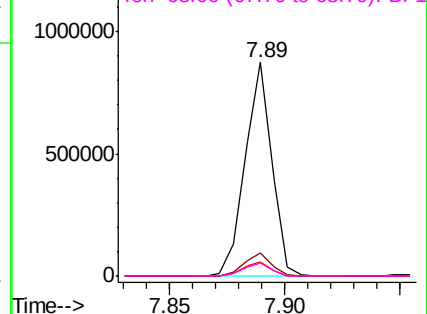
137 11.1 8.9 13.3

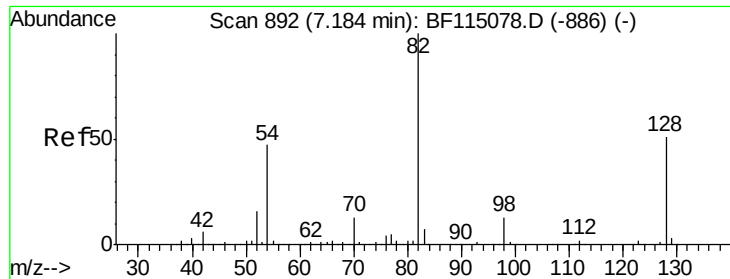
54 6.7 5.6 8.4

68 5.8 4.8 7.2



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: 70.044 ng

RT: 7.17 min Scan# 889

Delta R.T. -0.02 min

Lab File: BF115193.D

Acq: 25 Jun 2019 17:57

Instrument :

BNA_F

ClientSampleId :

FK-0D015-03-006RE

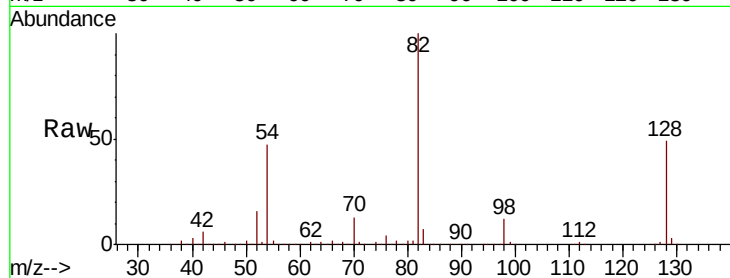
Tgt Ion: 82 Resp: 804403

Ion Ratio Lower Upper

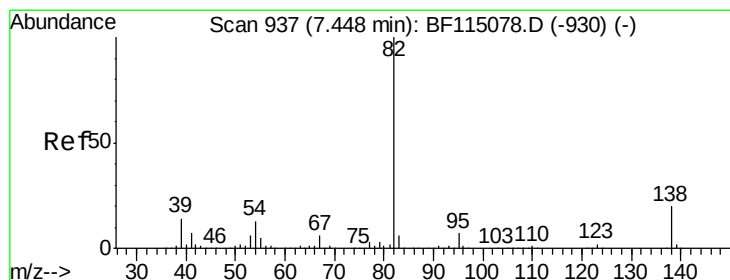
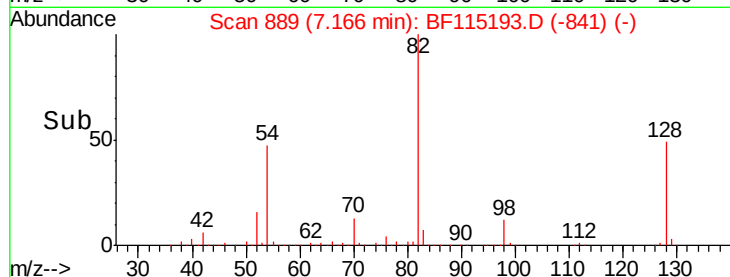
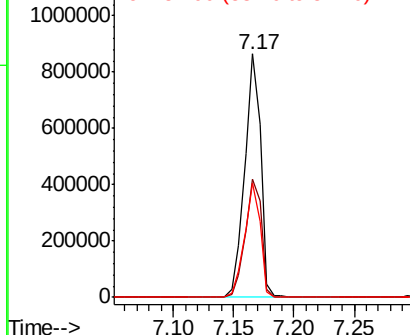
82 100

128 48.7 40.4 60.6

54 47.1 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



#25

Isophorone

Concen: 33.464 ng

RT: 7.17 min Scan# 889

Delta R.T. -0.28 min

Lab File: BF115193.D

Acq: 25 Jun 2019 17:57

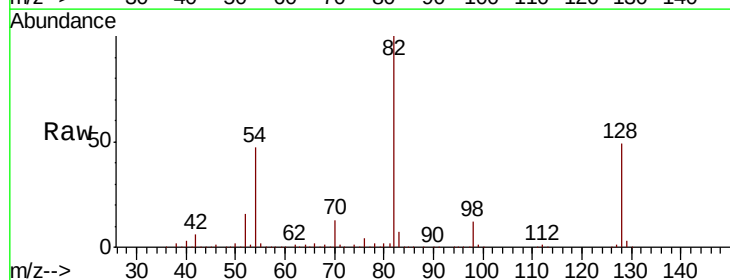
Tgt Ion: 82 Resp: 787264

Ion Ratio Lower Upper

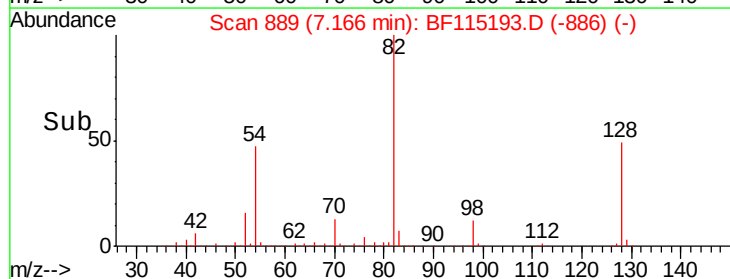
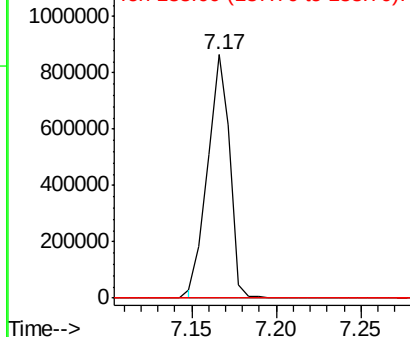
82 100

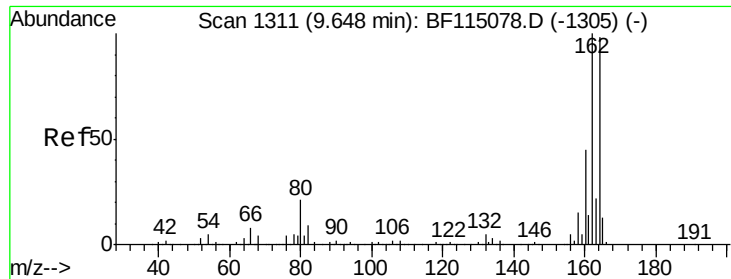
95 0.1 5.4 8.2#

138 0.0 15.9 23.9#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): E

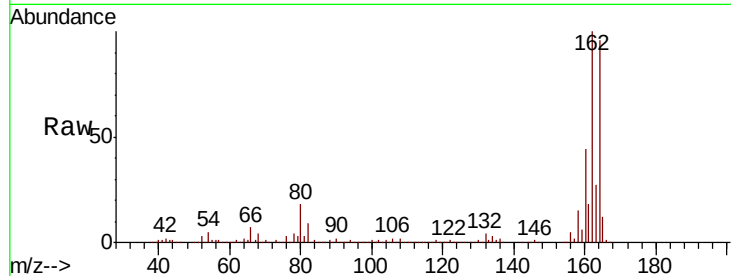




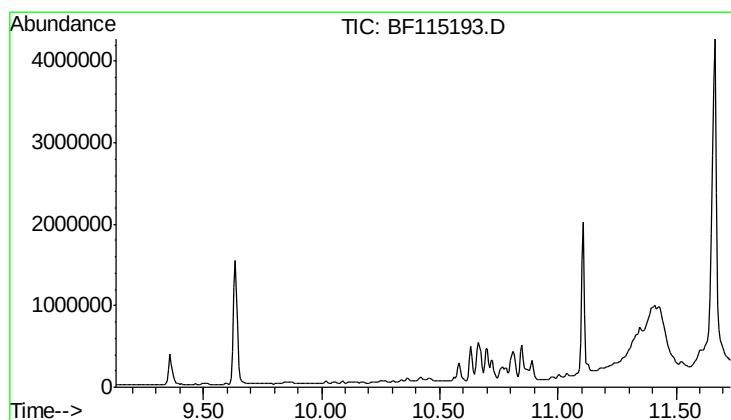
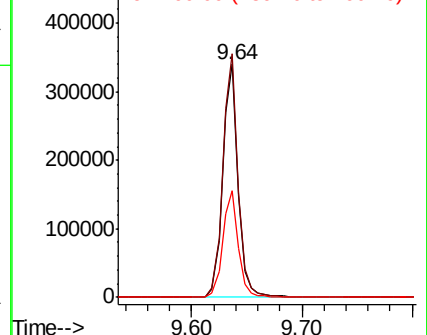
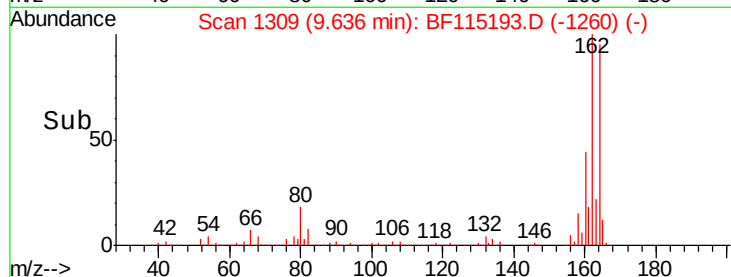
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.64 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF115193.D
 Acq: 25 Jun 2019 17:57

Instrument :
 BNA_F
 ClientSampleId :
 FK-0D015-03-006RE

Tgt Ion: 164 Resp: 328358
 Ion Ratio Lower Upper
 164 100
 162 104.5 81.7 122.5
 160 45.8 37.0 55.4



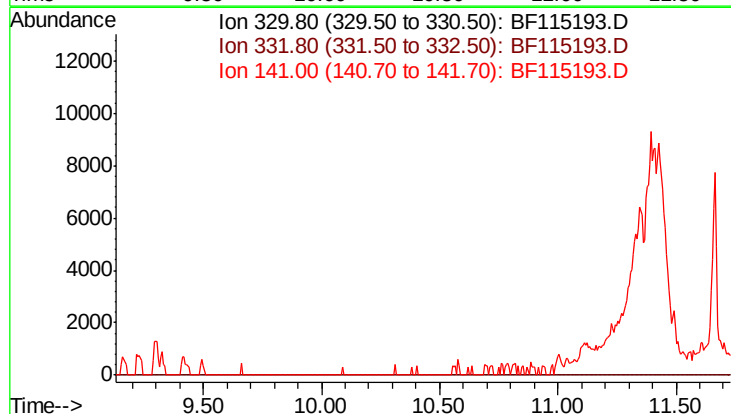
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

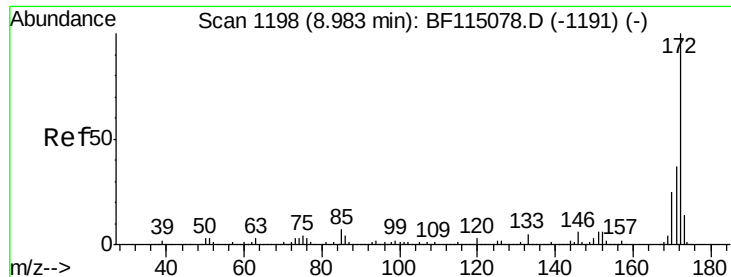


#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.43 min

Lab File: BF115193.D
 Acq: 25 Jun 2019 17:57

Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 96.6
 141 35.2

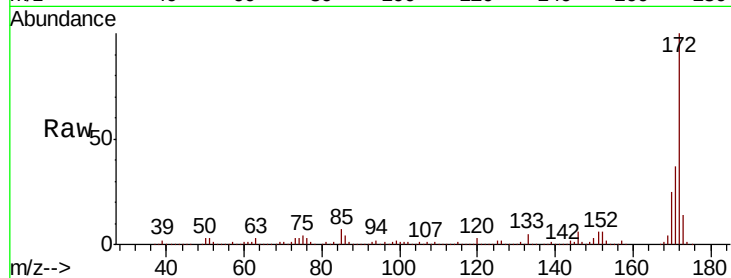




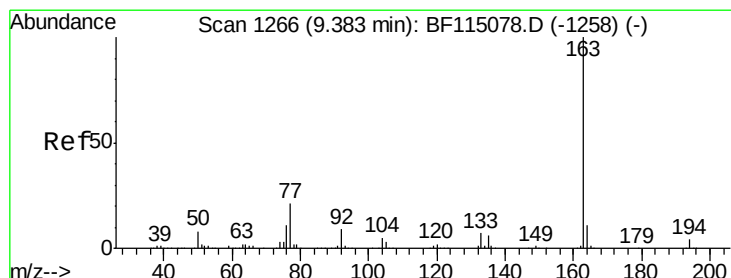
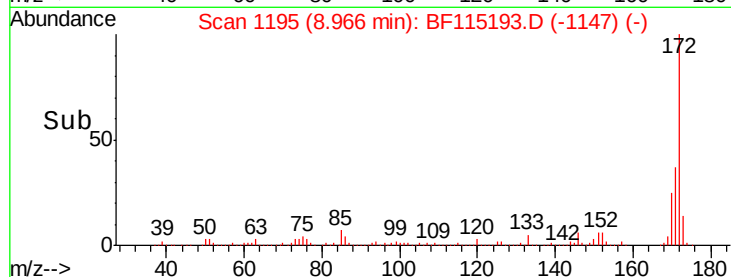
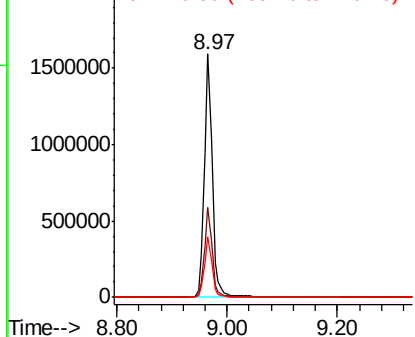
#45
 2-Fluorobiphenyl
 Concen: 81.657 ng
 RT: 8.97 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BF115193.D
 Acq: 25 Jun 2019 17:57

Instrument :
 BNA_F
 ClientSampleId :
 FK-0D015-03-006RE

Tgt Ion:172 Resp: 1578507
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.8 44.6
 170 25.0 20.3 30.5

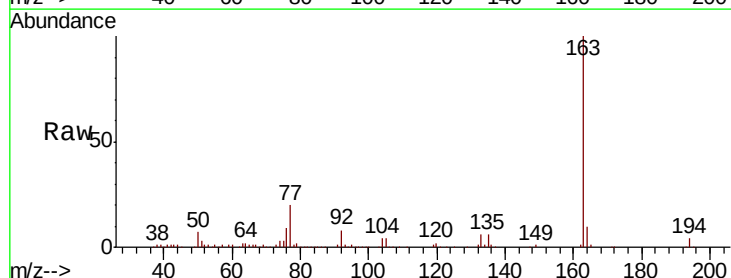


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

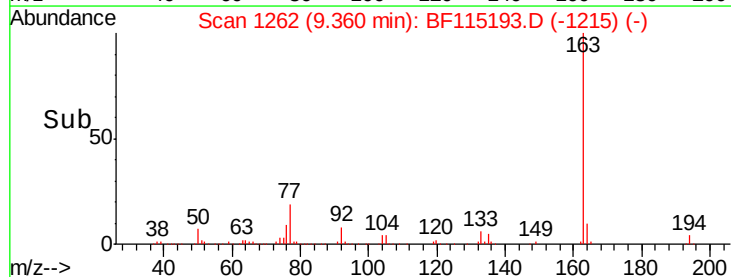
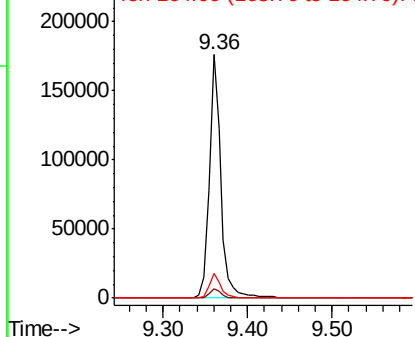


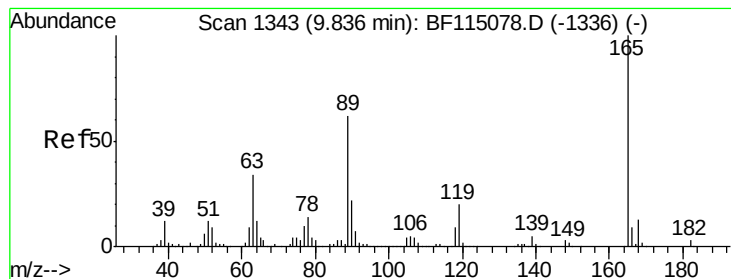
#50
 Dimethylphthalate
 Concen: 6.992 ng
 RT: 9.36 min Scan# 1262
 Delta R.T. -0.02 min
 Lab File: BF115193.D
 Acq: 25 Jun 2019 17:57

Tgt Ion:163 Resp: 168905
 Ion Ratio Lower Upper
 163 100
 194 3.6 3.2 4.8
 164 10.4 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





#57

2,4-Dinitrotoluene

Concen: 5.889 ng

RT: 9.64 min Scan# 1309

Delta R.T. -0.20 min

Lab File: BF115193.D

Acq: 25 Jun 2019 17:57

Instrument :

BNA_F

ClientSampleId :

FK-0D015-03-006RE

Tgt Ion:165 Resp: 42412

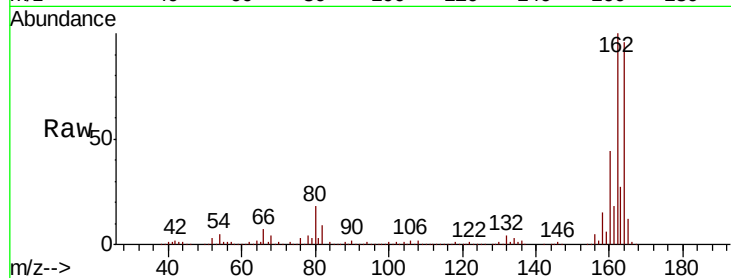
Ion Ratio Lower Upper

165 100

63 1.3 27.5 41.3#

89 1.8 49.9 74.9#

182 0.0 2.1 3.1#

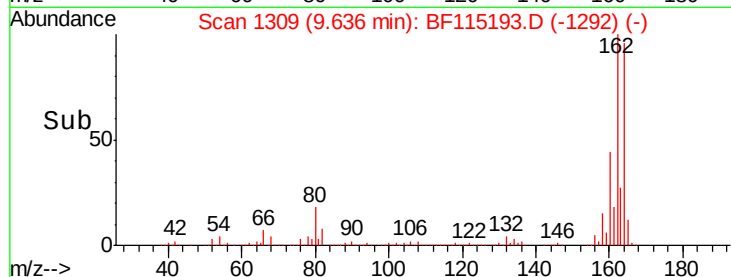


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

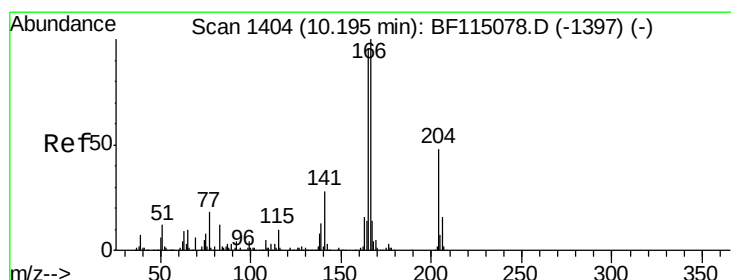
Ion 182.00 (181.70 to 182.70): E



Abundance

9.64

Time-->



#58

Fluorene

Concen: Below Cal

RT: 10.18 min Scan# 1401

Delta R.T. -0.02 min

Lab File: BF115193.D

Acq: 25 Jun 2019 17:57

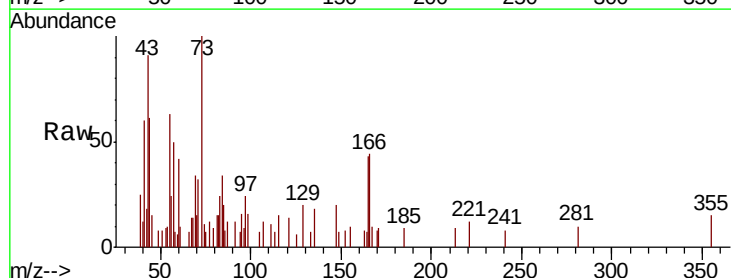
Tgt Ion:166 Resp: 1784

Ion Ratio Lower Upper

166 100

165 98.5 76.5 114.7

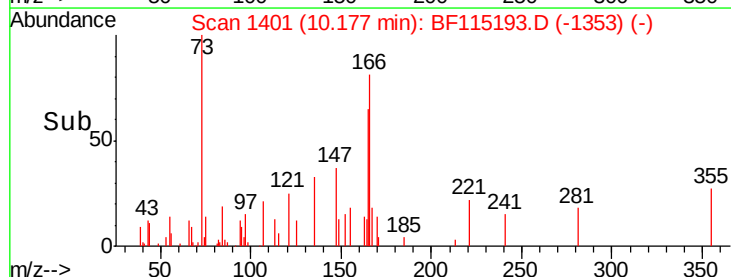
167 22.1 11.0 16.4#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

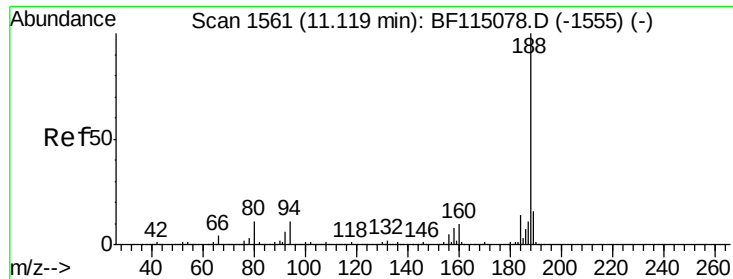
Ion 167.00 (166.70 to 167.70): E



Abundance

10.18

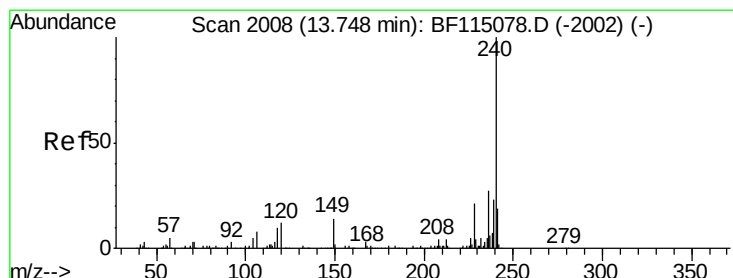
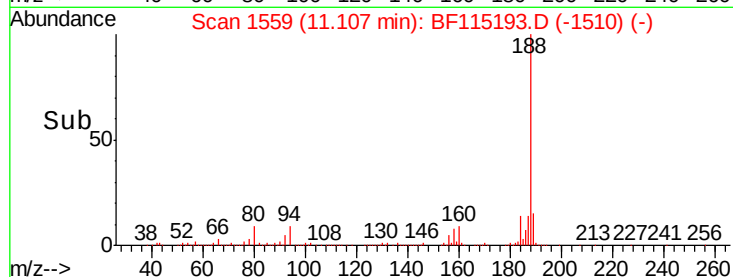
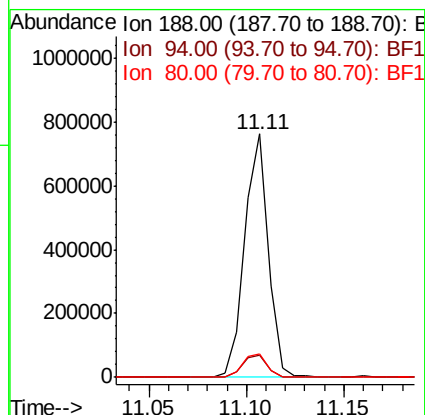
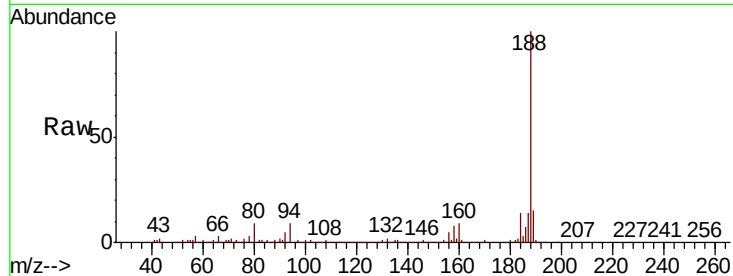
Time-->



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF115193.D
Acq: 25 Jun 2019 17:57

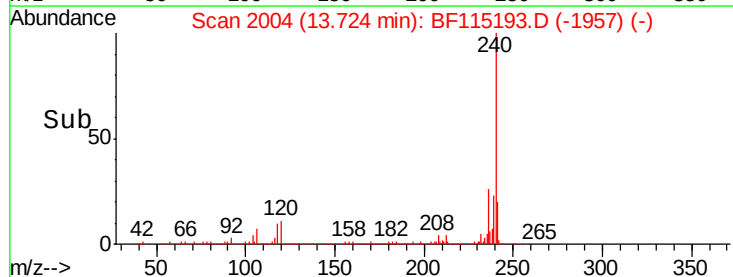
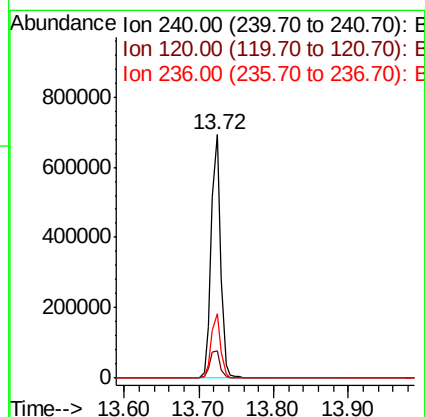
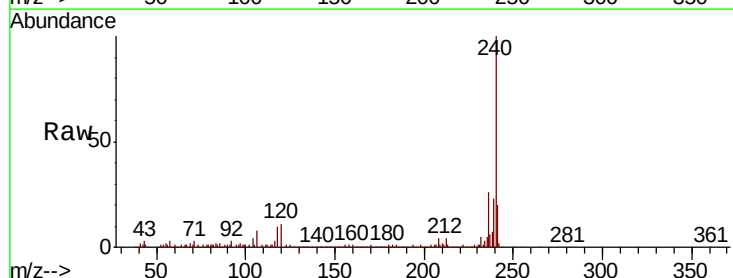
Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-006RE

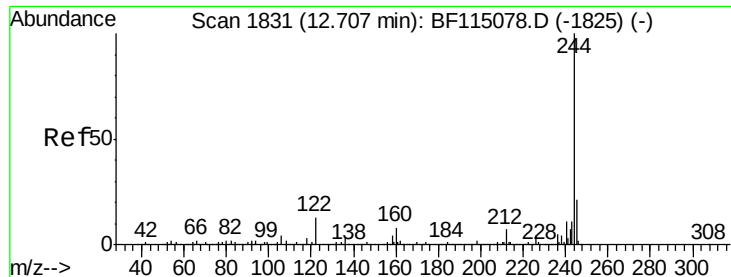
Tgt Ion:188 Resp: 637112
Ion Ratio Lower Upper
188 100
94 9.2 8.6 12.8
80 9.4 8.8 13.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.72 min Scan# 2004
Delta R.T. -0.02 min
Lab File: BF115193.D
Acq: 25 Jun 2019 17:57

Tgt Ion:240 Resp: 606823
Ion Ratio Lower Upper
240 100
120 11.4 9.4 14.2
236 26.5 21.7 32.5





#79

Terphenyl-d14

Concen: 61.077 ng

RT: 12.69 min Scan# 1828

Delta R.T. -0.02 min

Lab File: BF115193.D

Acq: 25 Jun 2019 17:57

Instrument :

BNA_F

ClientSampleId :

FK-0D015-03-006RE

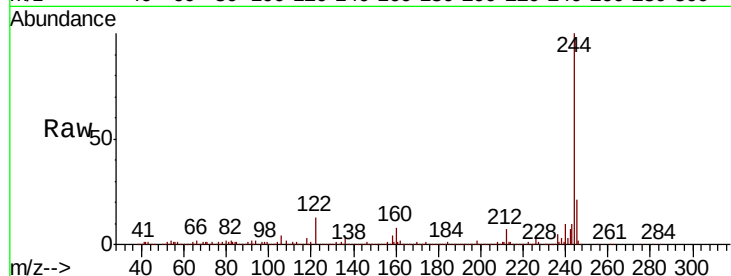
Tgt Ion:244 Resp: 1743179

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

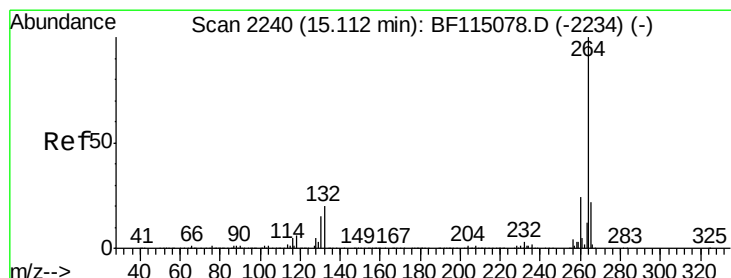
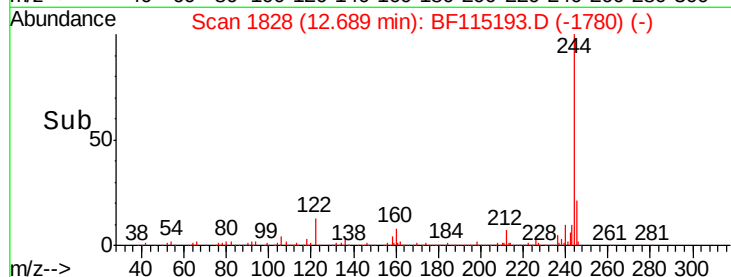
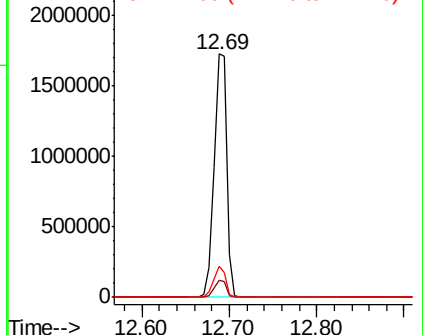
122 12.9 10.4 15.6



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.09 min Scan# 2236

Delta R.T. -0.02 min

Lab File: BF115193.D

Acq: 25 Jun 2019 17:57

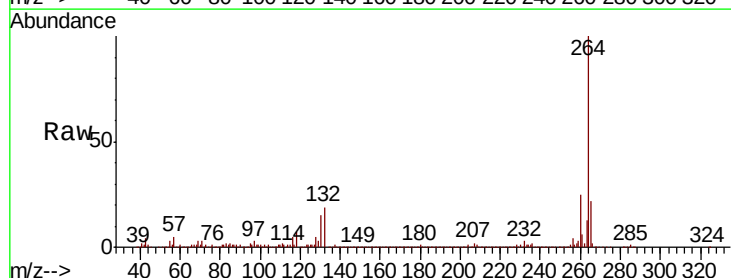
Tgt Ion:264 Resp: 690618

Ion Ratio Lower Upper

264 100

260 24.7 19.6 29.4

265 22.2 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

