

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
 Data File : BF115001.D
 Acq On : 13 Jun 2019 14:18
 Operator : HP/JU
 Sample : K3294-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S2(10-15)

Quant Time: Jun 13 17:33:46 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

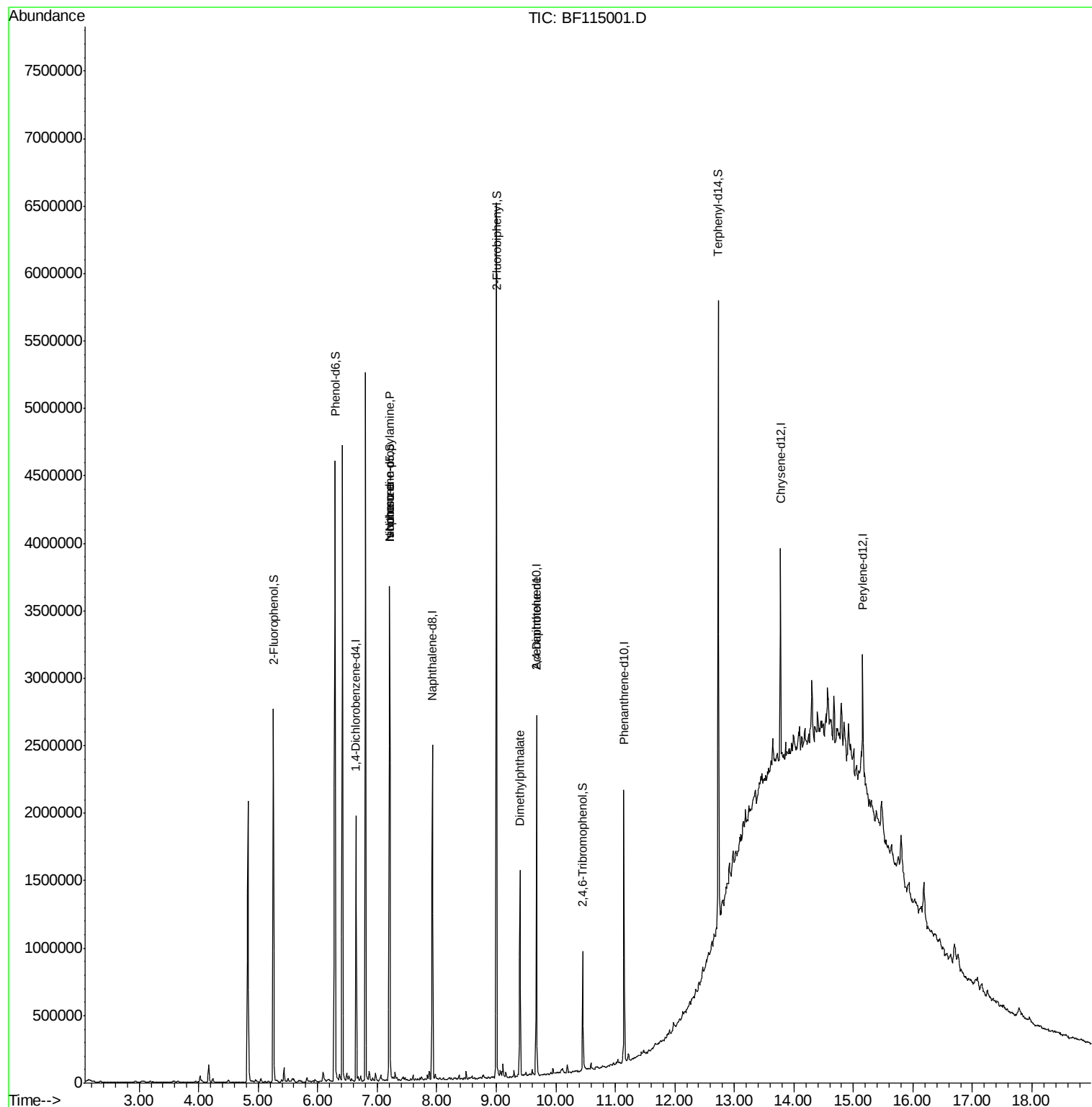
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	287013	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1076779	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	496472	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	812213	20.00	ng	0.00
76) Chrysene-d12	13.77	240	515409	20.00	ng	0.00
87) Perylene-d12	15.16	264	456719	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	819913	47.70	ng	0.00
7) Phenol-d6	6.29	99	1988925	95.92	ng	0.00
23) Nitrobenzene-d5	7.21	82	1297616	72.54	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	113597	21.37	ng	-0.01
45) 2-Fluorobiphenyl	9.00	172	2171786	74.14	ng	0.00
79) Terphenyl-d14	12.73	244	1649274	60.19	ng	0.00
Target Compounds						
9) Benzaldehyde	6.19	77	1012	Below Cal		91
19) n-Nitroso-di-n-propylamine	7.21	70	172337	13.680 ng	#	77
25) Isophorone	7.21	82	1275370	38.065 ng	#	62
50) Dimethylphthalate	9.40	163	583193	15.620 ng		99
57) 2,4-Dinitrotoluene	9.67	165	65323	6.060 ng	#	29
58) Fluorene	10.22	166	418	Below Cal	#	78

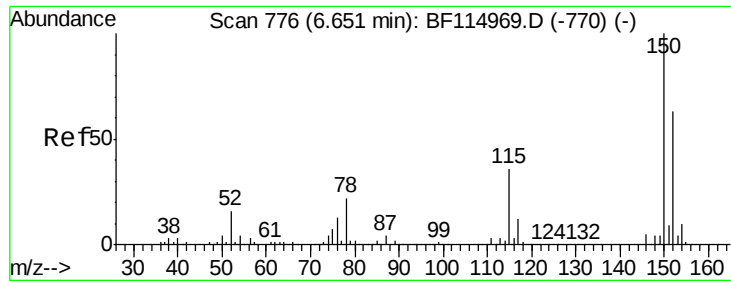
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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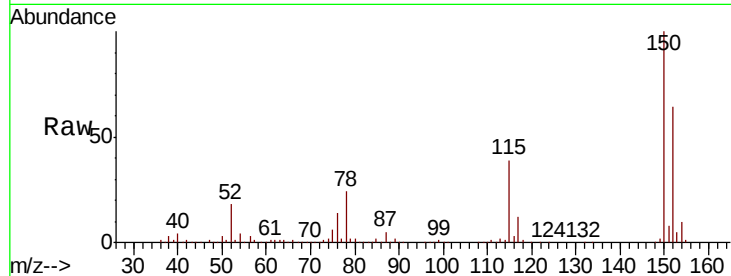


#1

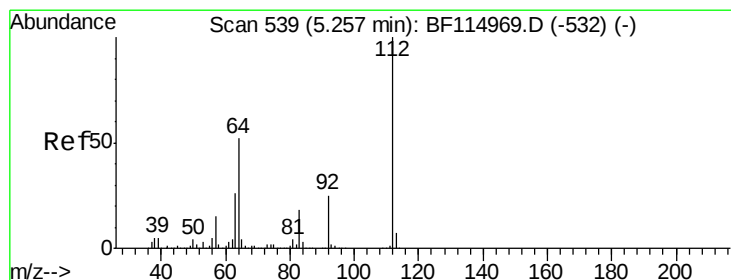
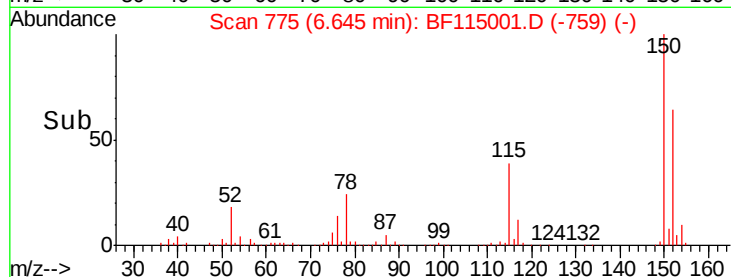
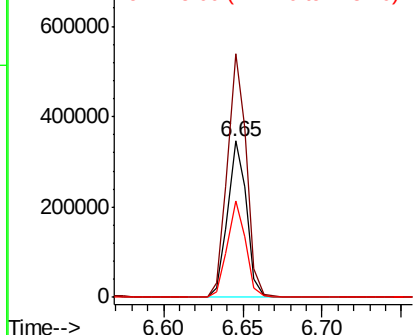
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF115001.D
Acq: 13 Jun 2019 14:18

Instrument :
BNA_F
ClientSampleId :
S2(10-15)

Tot Ion:152 Resp: 287013
Ion Ratio Lower Upper
152 100
150 155.9 127.4 191.0
115 61.5 46.0 69.0



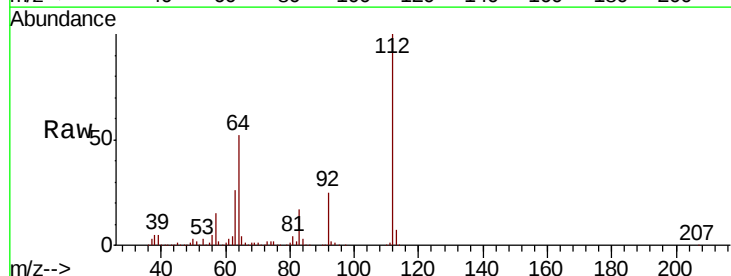
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



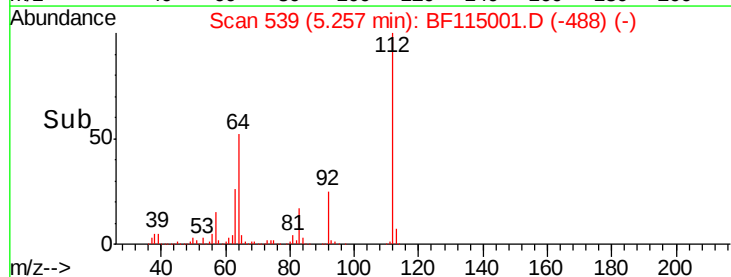
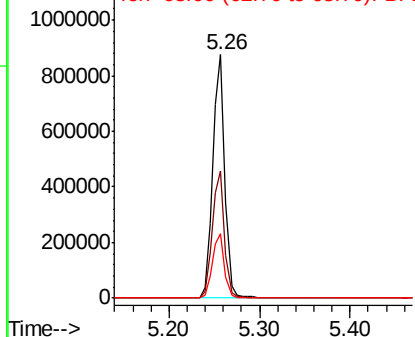
#5

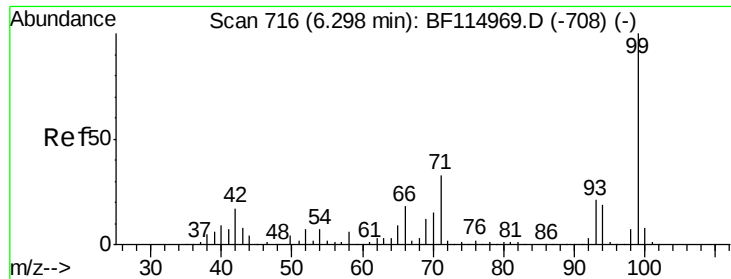
2-Fluorophenol
Concen: 47.701 ng
RT: 5.26 min Scan# 539
Delta R.T. -0.00 min
Lab File: BF115001.D
Acq: 13 Jun 2019 14:18

Tgt Ion:112 Resp: 819913
Ion Ratio Lower Upper
112 100
64 52.1 41.6 62.4
63 26.5 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: 95.924 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF115001.D

Acq: 13 Jun 2019 14:18

Instrument :

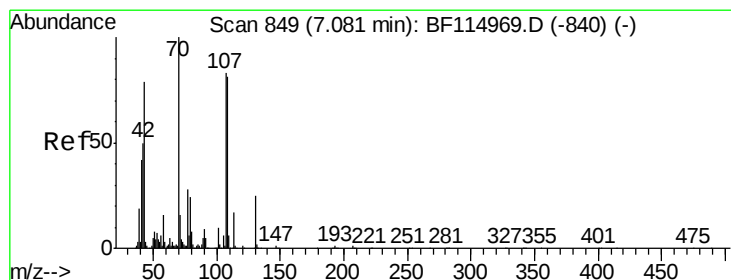
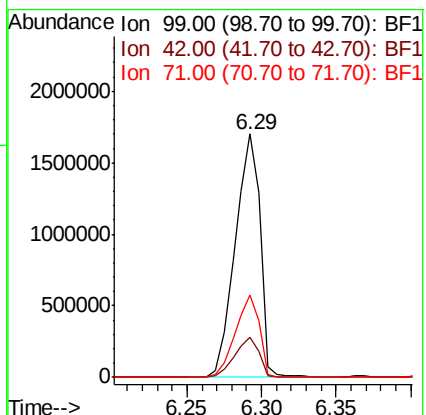
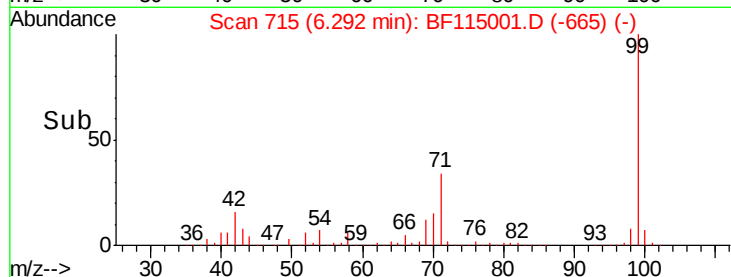
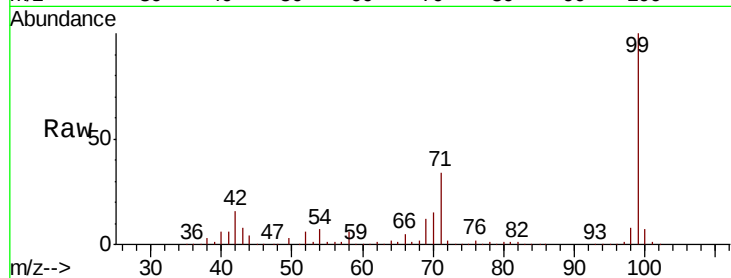
BNA_F

ClientSampleId :

S2(10-15)

Tot Ion: 99 Resp: 1988925

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.4	20.2
71	33.8	26.4	39.6



#19

n-Nitroso-di-n-propylamine

Concen: 13.680 ng

RT: 7.21 min Scan# 871

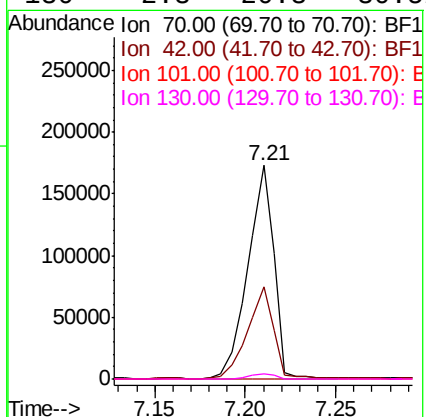
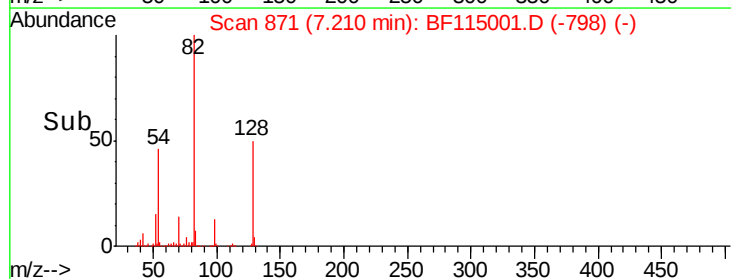
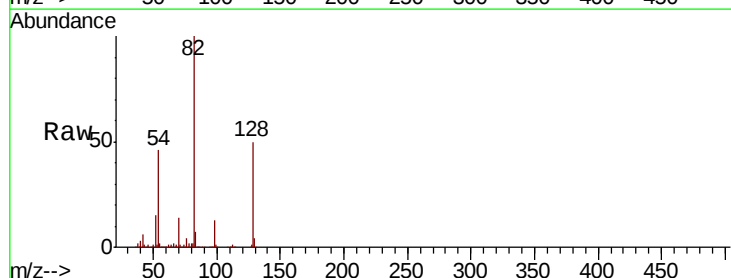
Delta R.T. 0.13 min

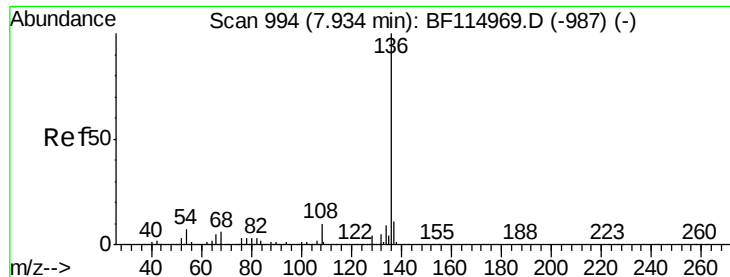
Lab File: BF115001.D

Acq: 13 Jun 2019 14:18

Tgt Ion: 70 Resp: 172337

Ion	Ratio	Lower	Upper
70	100		
42	43.2	40.3	60.5
101	0.0	8.2	12.4#
130	2.3	20.3	30.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF115001.D

Acq: 13 Jun 2019 14:18

Instrument :

BNA_F

ClientSampleId :

S2(10-15)

Tot Ion:136 Resp: 1076779

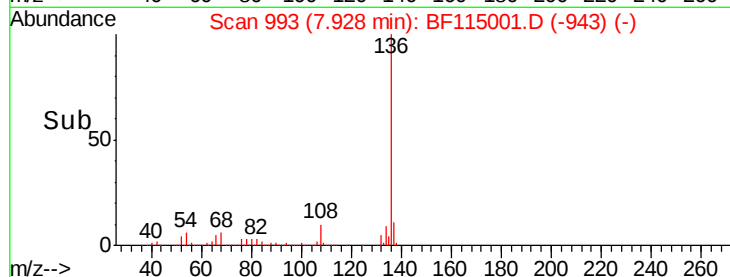
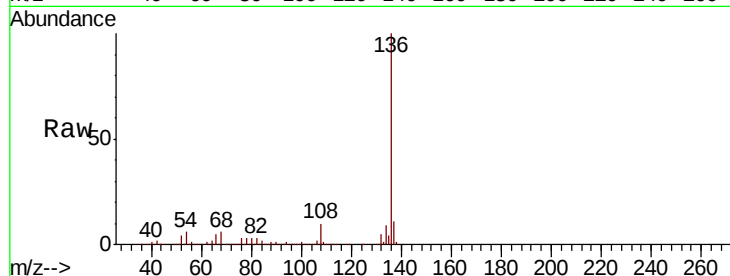
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 6.5 5.4 8.0

68 5.8 4.6 7.0

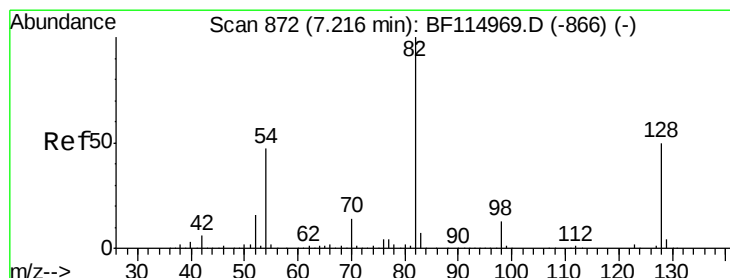
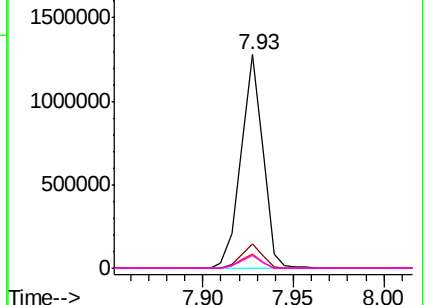


Abundance Ion 136.00 (135.70 to 136.70): E

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: 72.537 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF115001.D

Acq: 13 Jun 2019 14:18

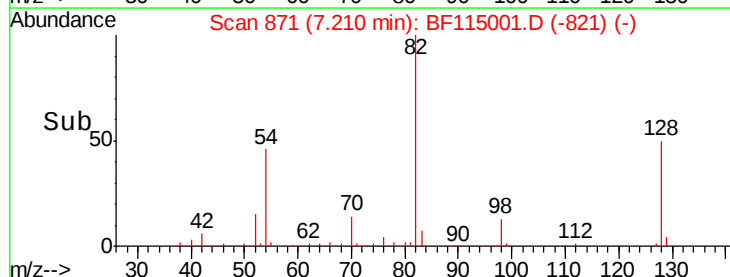
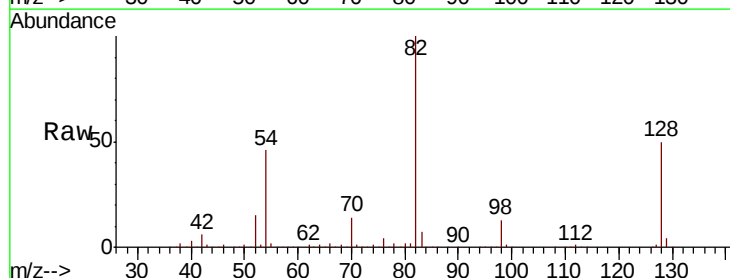
Tgt Ion: 82 Resp: 1297616

Ion Ratio Lower Upper

82 100

128 49.9 39.9 59.9

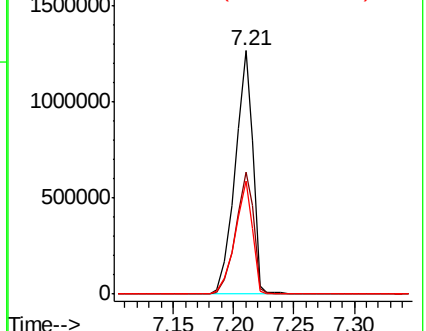
54 46.4 37.3 55.9

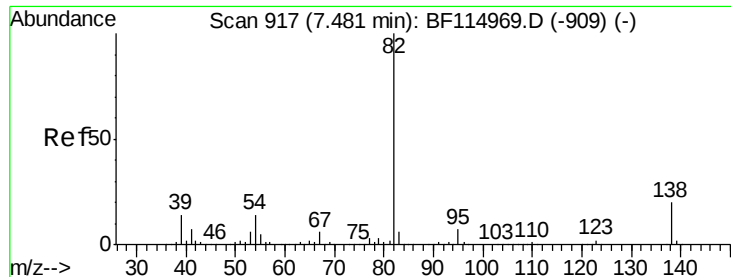


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 38.065 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.27 min

Lab File: BF115001.D

Acq: 13 Jun 2019 14:18

Instrument :

BNA_F

ClientSampleId :

S2(10-15)

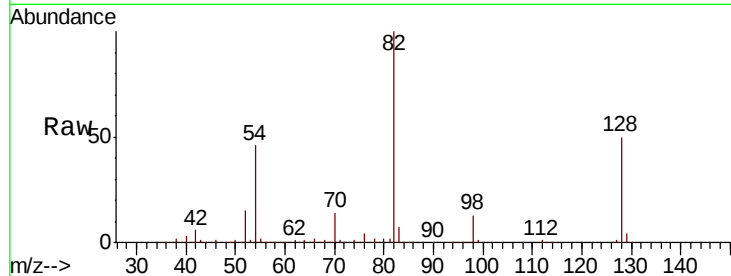
Tot Ion: 82 Resp: 1275370

Ion Ratio Lower Upper

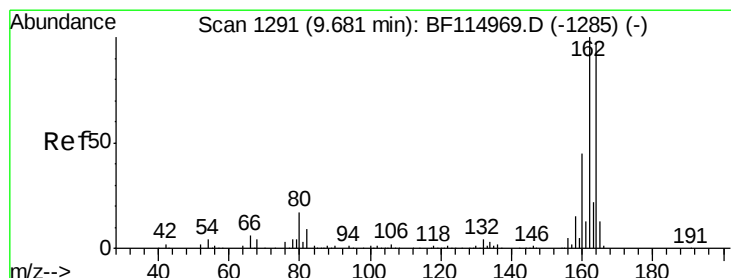
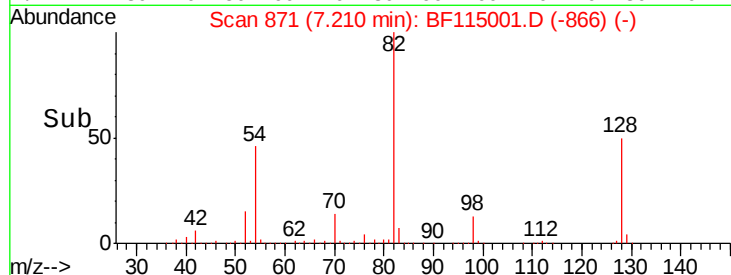
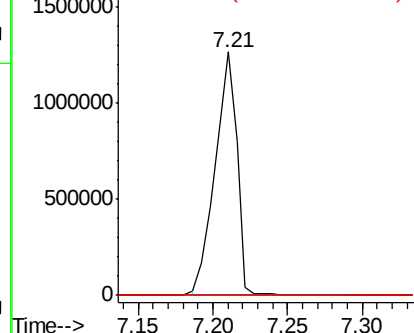
82 100

95 0.0 5.6 8.4#

138 0.0 16.1 24.1#



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: 9.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF115001.D

Acq: 13 Jun 2019 14:18

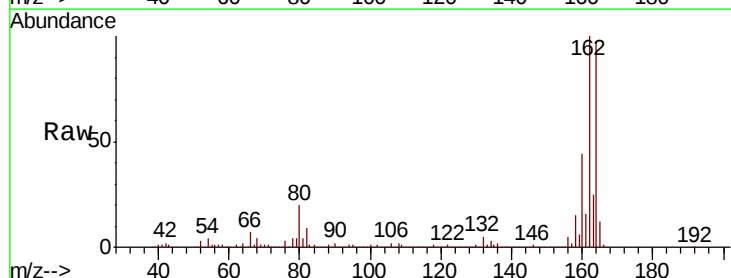
Tgt Ion:164 Resp: 496472

Ion Ratio Lower Upper

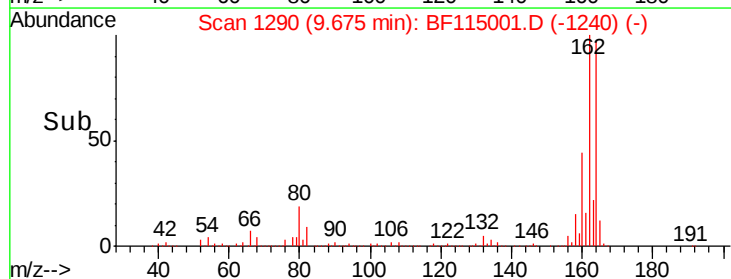
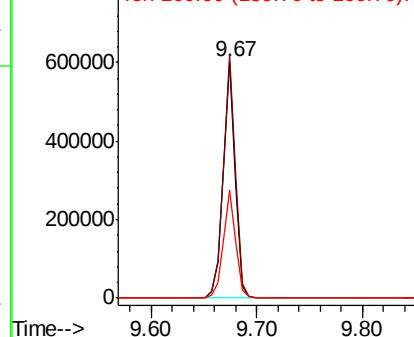
164 100

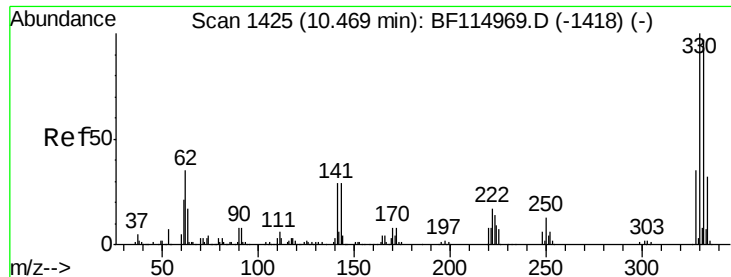
162 103.1 82.6 124.0

160 45.7 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: 21.367 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF115001.D

Acq: 13 Jun 2019 14:18

Instrument :

BNA_F

ClientSampleId :

S2(10-15)

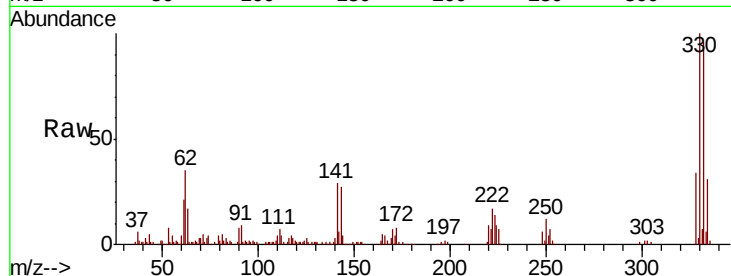
Tot Ion:330 Resp: 113597

Ion Ratio Lower Upper

330 100

332 96.9 77.6 116.4

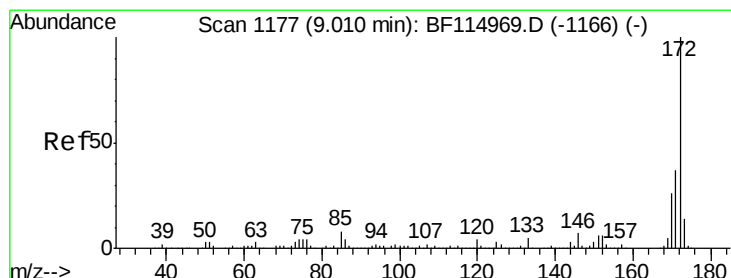
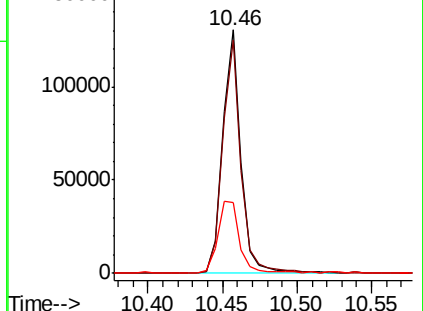
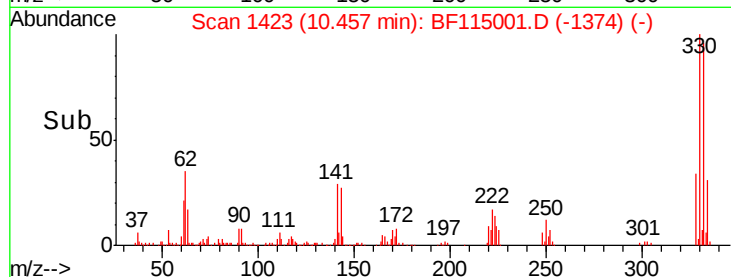
141 35.3 27.2 40.8



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: 74.140 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF115001.D

Acq: 13 Jun 2019 14:18

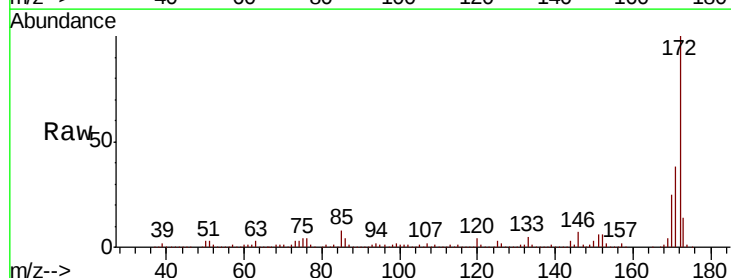
Tgt Ion:172 Resp: 2171786

Ion Ratio Lower Upper

172 100

171 37.6 29.8 44.6

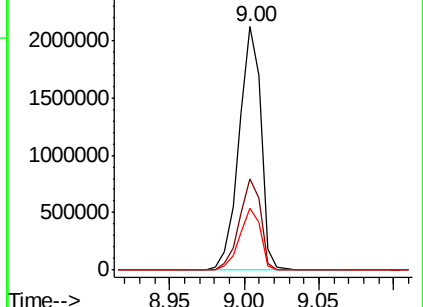
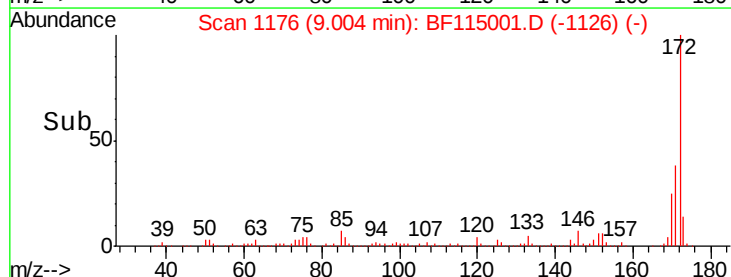
170 25.5 20.6 31.0

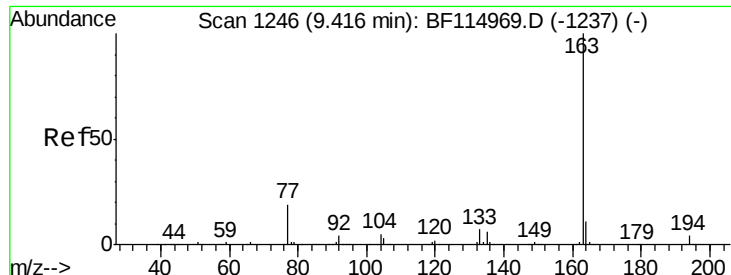


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 15.620 ng

RT: 9.40 min Scan# 1243

Delta R.T. -0.02 min

Lab File: BF115001.D

Acq: 13 Jun 2019 14:18

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ClientSampleId :

S2(10-15)

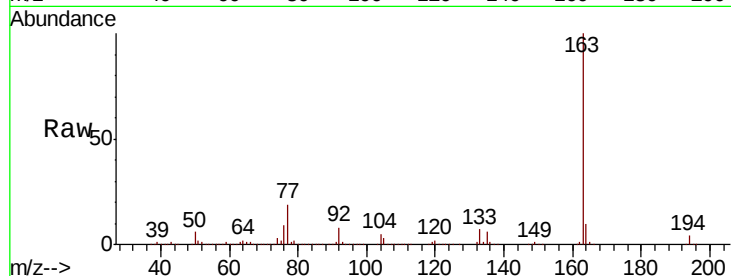
Tot Ion:163 Resp: 583193

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

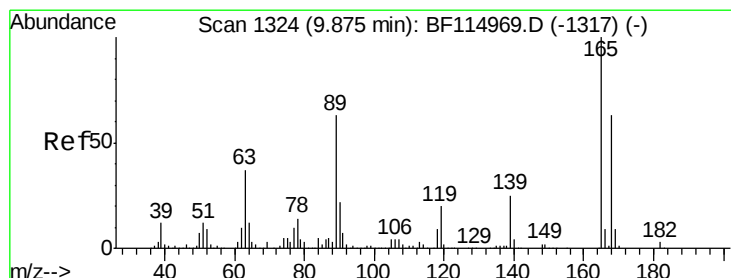
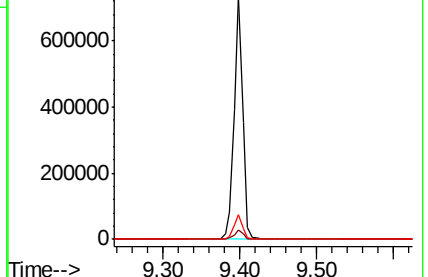
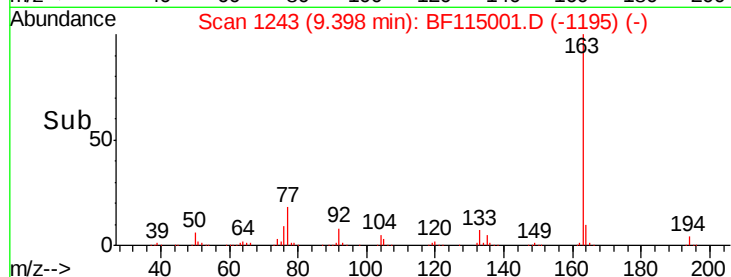
164 10.4 8.6 12.8



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: 6.060 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.20 min

Lab File: BF115001.D

Acq: 13 Jun 2019 14:18

Tgt Ion:165 Resp: 65323

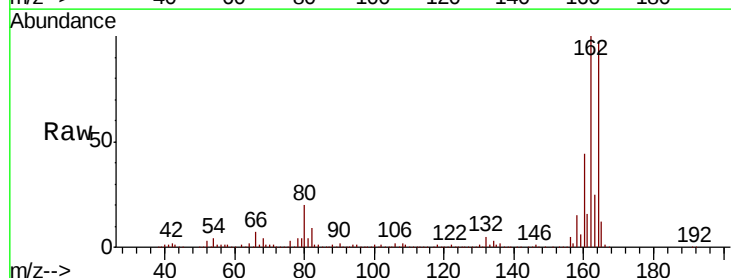
Ion Ratio Lower Upper

165 100

63 1.4 29.4 44.2#

89 1.4 50.6 75.8#

182 0.0 2.2 3.2#

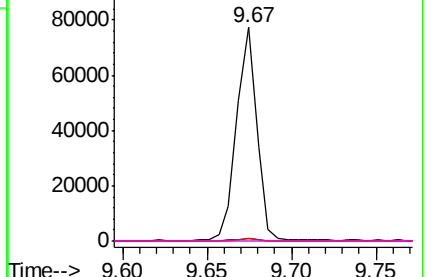
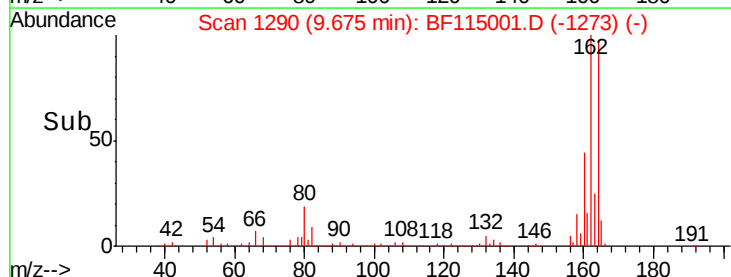


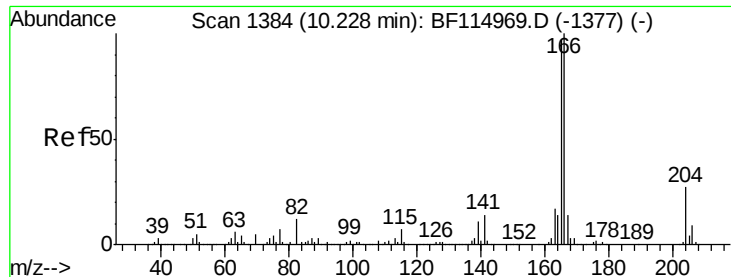
Abundance Ion 165.00 (164.70 to 165.70): E

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# 1383

Delta R.T. -0.01 min

Lab File: BF115001.D

Acq: 13 Jun 2019 14:18

Instrument :

BNA_F

ClientSampleId :

S2(10-15)

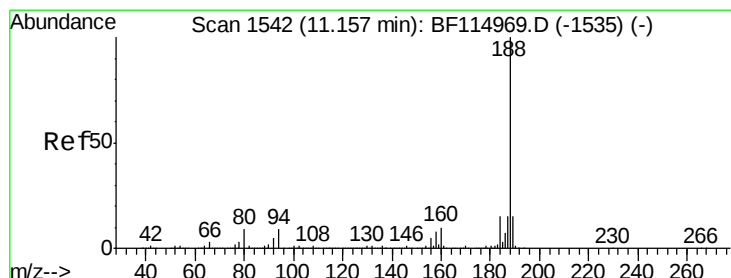
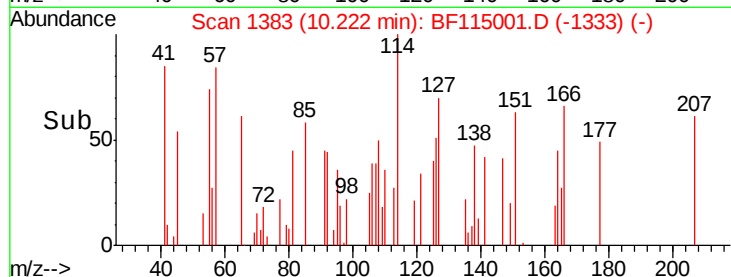
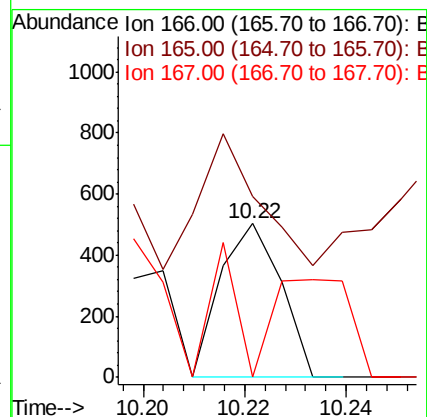
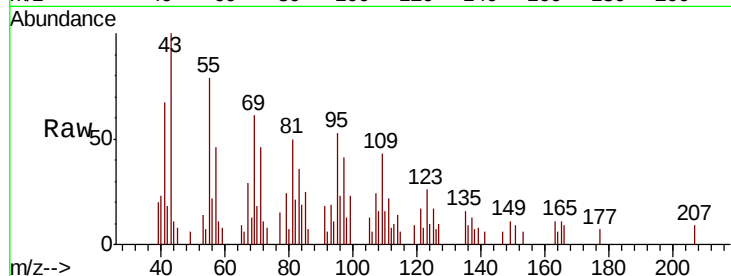
Tot Ion:166 Resp: 418

Ion Ratio Lower Upper

166 100

165 117.5 77.6 116.4#

167 0.0 11.0 16.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.15 min Scan# 1541

Delta R.T. -0.01 min

Lab File: BF115001.D

Acq: 13 Jun 2019 14:18

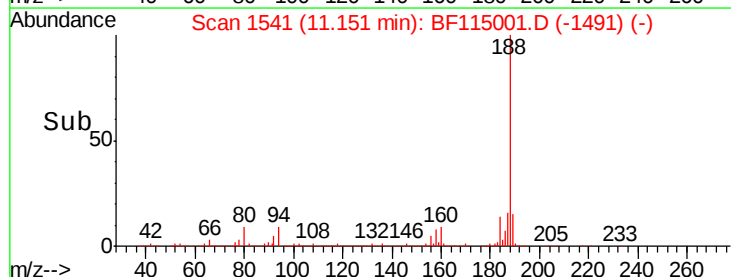
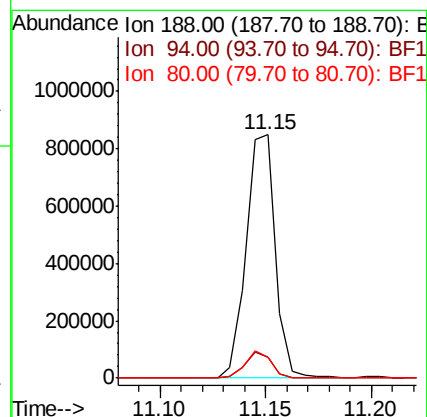
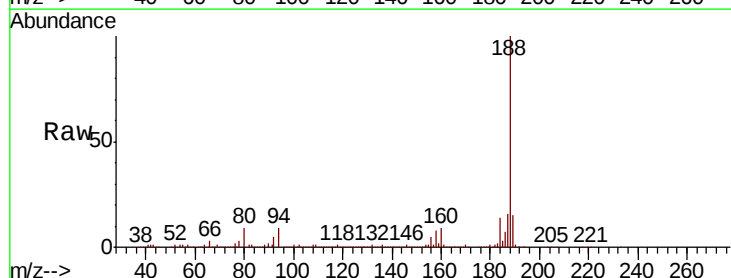
Tgt Ion:188 Resp: 812213

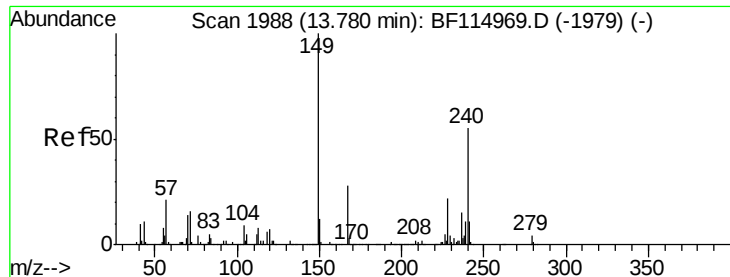
Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

80 8.8 7.4 11.2

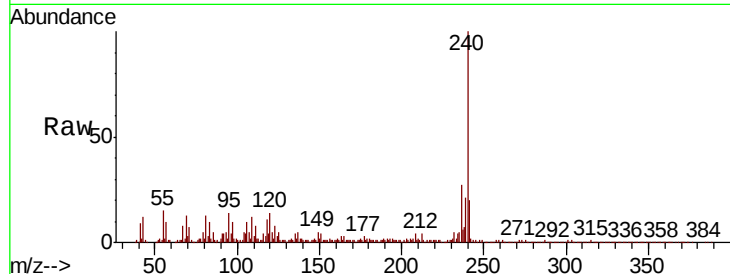




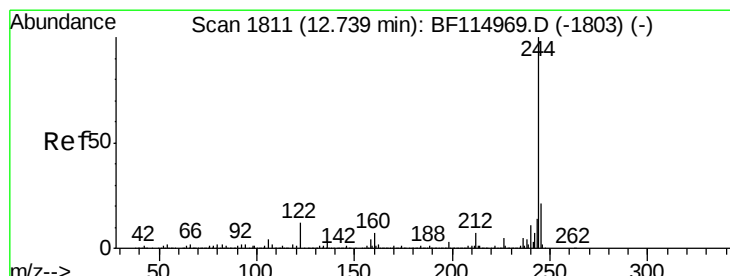
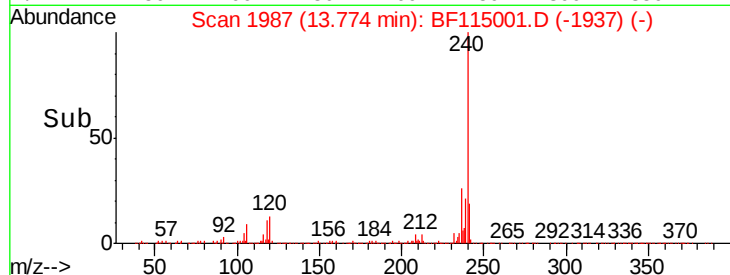
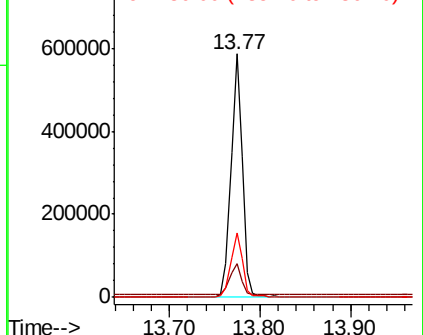
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.77 min Scan# 1987
 Delta R.T. -0.01 min
 Lab File: BF115001.D
 Acq: 13 Jun 2019 14:18

Instrument :
 BNA_F
 ClientSampleId :
 S2(10-15)

Tot Ion:240 Resp: 515409
 Ion Ratio Lower Upper
 240 100
 120 14.0 10.0 15.0
 236 26.7 21.6 32.4

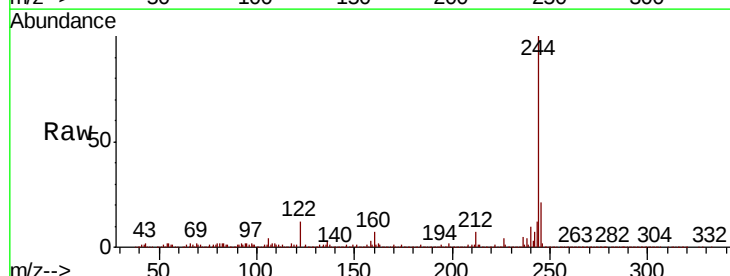


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

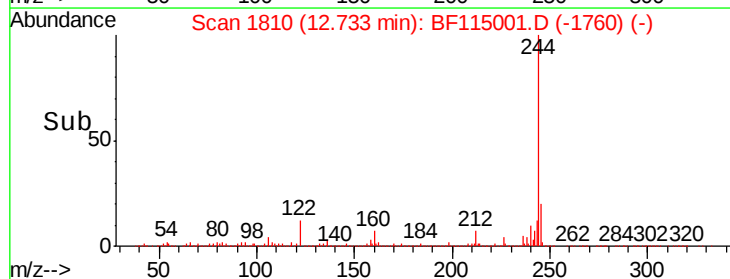
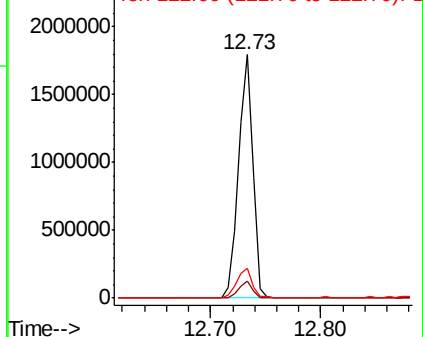


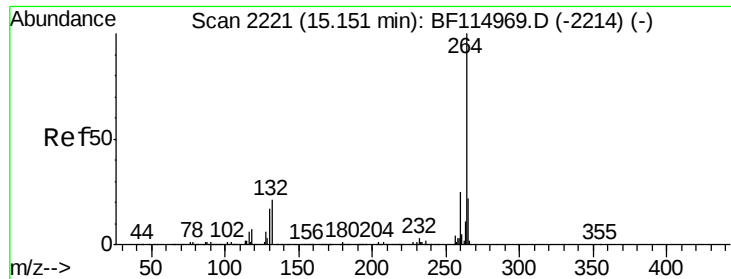
#79
 Terphenyl-d14
 Concen: 60.187 ng
 RT: 12.73 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: BF115001.D
 Acq: 13 Jun 2019 14:18

Tgt Ion:244 Resp: 1649274
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 12.1 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





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.16 min Scan# 2222
Delta R.T. 0.01 min
Lab File: BF115001.D
Acq: 13 Jun 2019 14:18

Instrument :
BNA_F
ClientSampleId :
S2(10-15)

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.9	29.9
265	21.5	17.6	26.4

