

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061319\
 Data File : BF115023.D
 Acq On : 14 Jun 2019 00:56
 Operator : HP/JU
 Sample : K3294-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S1(0-5)

Quant Time: Jun 14 03:52:12 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

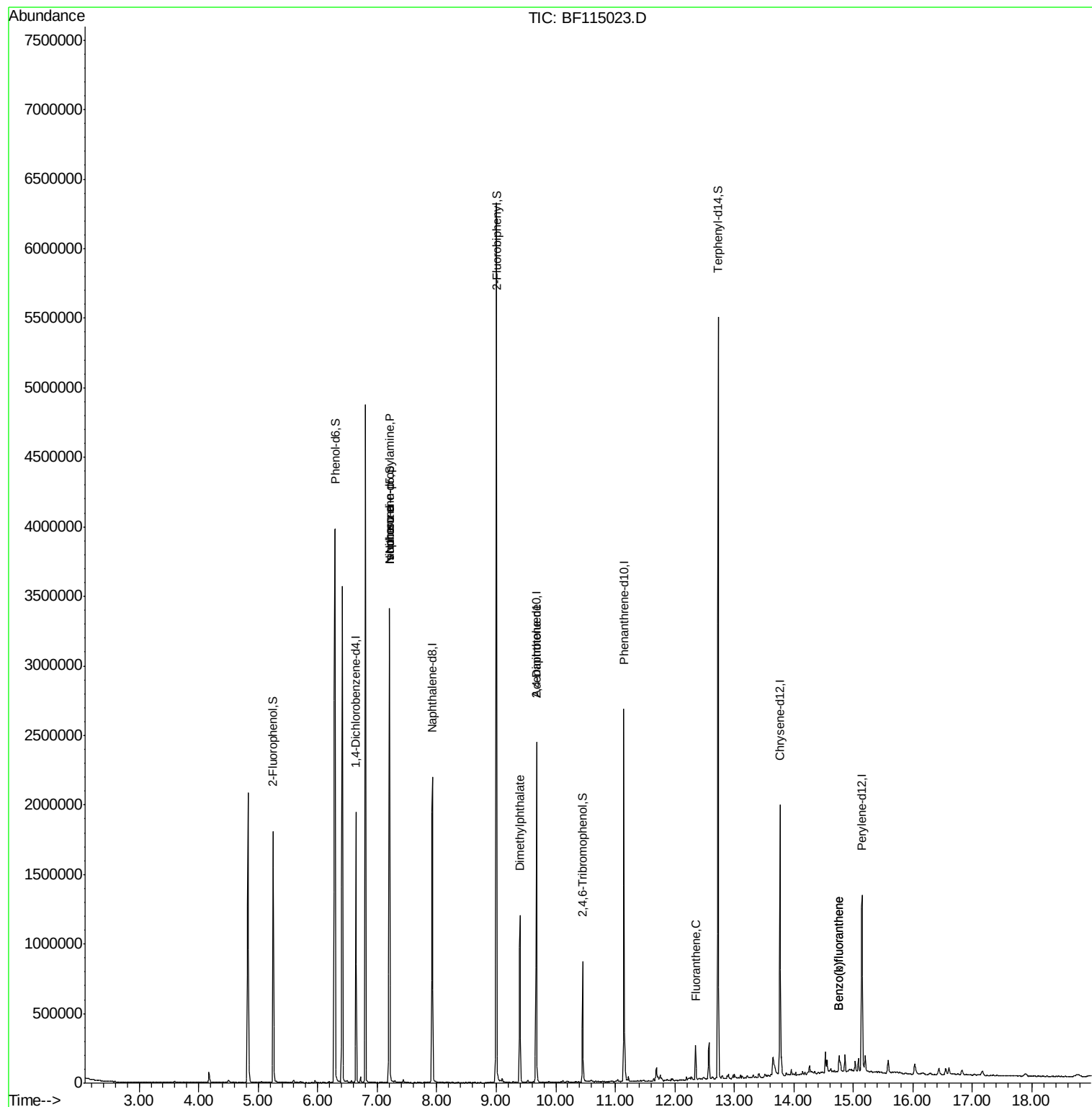
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	281196	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1084176	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	522820	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	966876	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	603914	20.00	ng	-0.01
87) Perylene-d12	15.14	264	553881	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	550036	32.66	ng	0.00
7) Phenol-d6	6.29	99	1753355	86.31	ng	0.00
23) Nitrobenzene-d5	7.21	82	1239317	68.81	ng	0.00
42) 2,4,6-Tribromophenol	10.45	330	104513	18.67	ng	-0.02
45) 2-Fluorobiphenyl	9.00	172	2156554	69.91	ng	0.00
79) Terphenyl-d14	12.73	244	1974693	61.50	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.19	77	1841	Below Cal		Qvalue 83
19) n-Nitroso-di-n-propylamine	7.21	70	162365	13.155 ng	#	77
25) Isophorone	7.21	82	1210217	35.874 ng	#	62
50) Dimethylphthalate	9.40	163	516507	13.137 ng		98
57) 2,4-Dinitrotoluene	9.67	165	67928	5.984 ng	#	29
58) Fluorene	10.22	166	1950	Below Cal	#	95
75) Fluoranthene	12.35	202	105239	2.062 ng		96
88) Benzo(b)fluoranthene	14.76	252	83260	2.261 ng	#	97
89) Benzo(k)fluoranthene	14.76	252	83260	2.576 ng	#	96

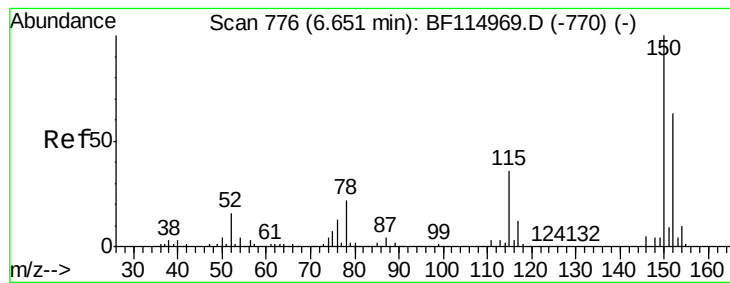
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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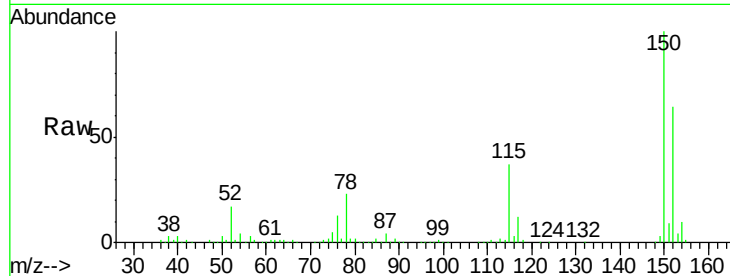


#1

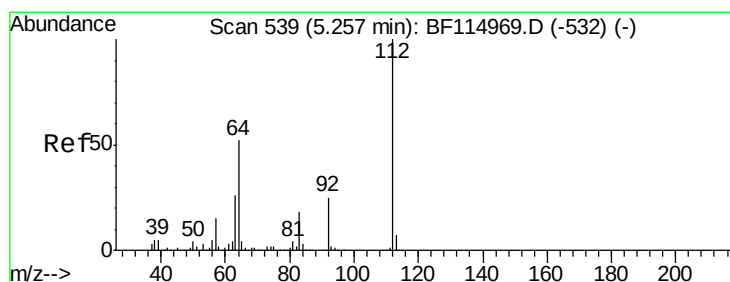
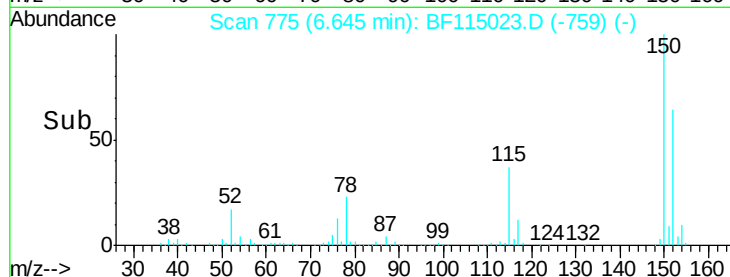
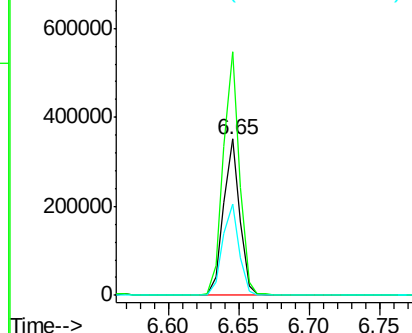
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF115023.D
Acq: 14 Jun 2019 00:56

Instrument :
BNA_F
ClientSampleId :
S1(0-5)

Tgt Ion:152 Resp: 281196
Ion Ratio Lower Upper
152 100
150 155.7 127.4 191.0
115 58.1 46.0 69.0



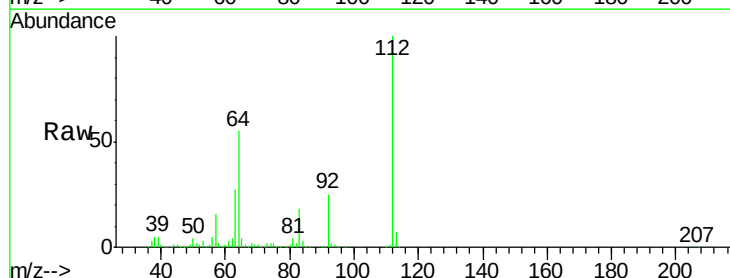
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



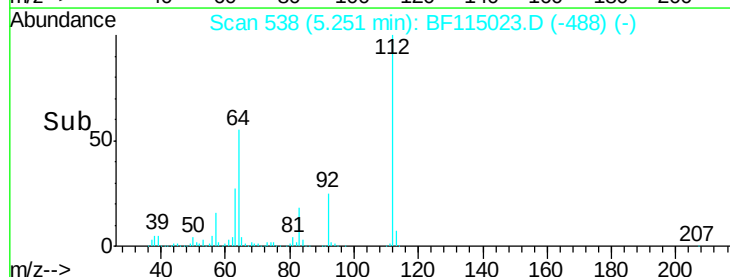
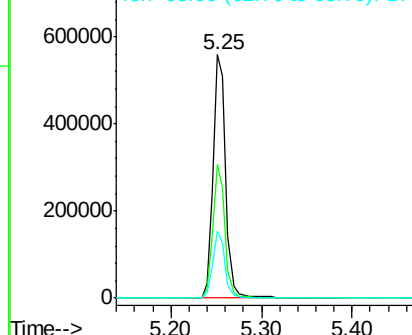
#5

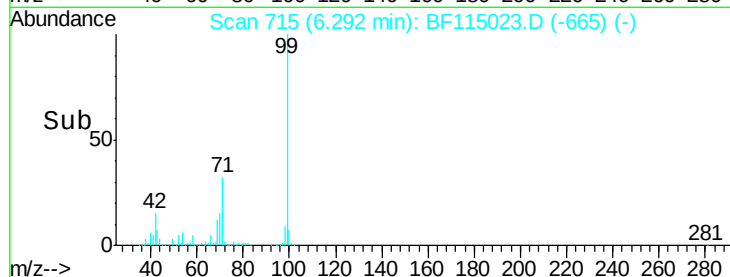
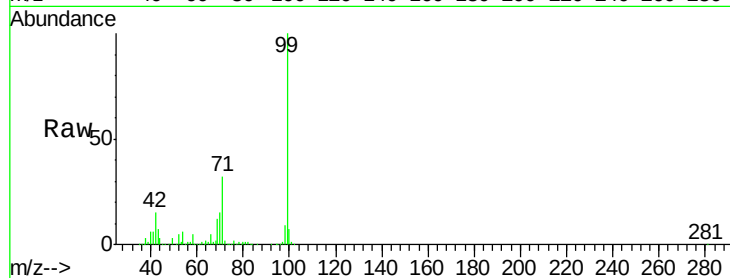
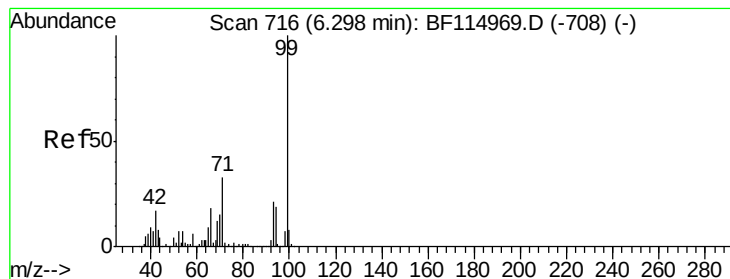
2-Fluorophenol
Concen: 32.662 ng
RT: 5.25 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF115023.D
Acq: 14 Jun 2019 00:56

Tgt Ion:112 Resp: 550036
Ion Ratio Lower Upper
112 100
64 54.6 41.6 62.4
63 27.3 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: 86.312 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF115023.D

Acq: 14 Jun 2019 00:56

Instrument :

BNA_F

ClientSampleId :

S1(0-5)

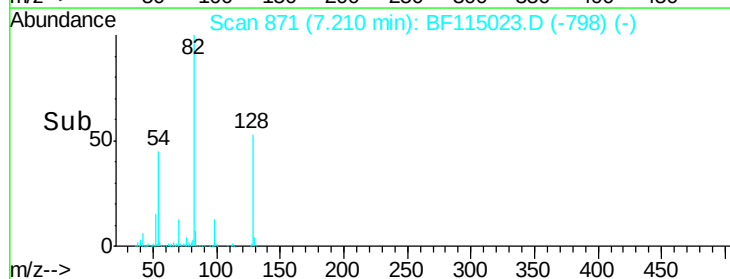
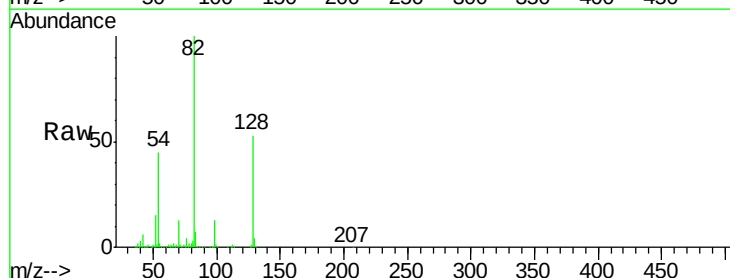
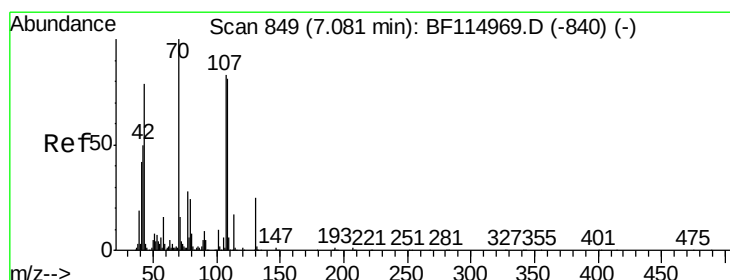
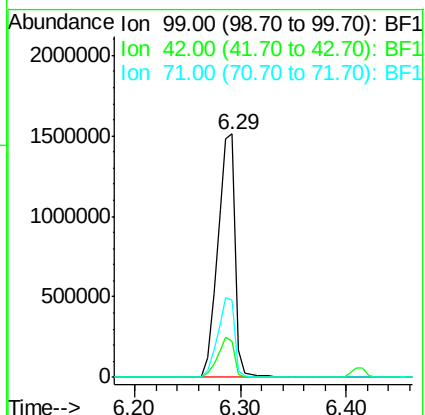
Tgt Ion: 99 Resp: 1753355

Ion Ratio Lower Upper

99 100

42 14.8 13.4 20.2

71 31.8 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 13.155 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.13 min

Lab File: BF115023.D

Acq: 14 Jun 2019 00:56

Tgt Ion: 70 Resp: 162365

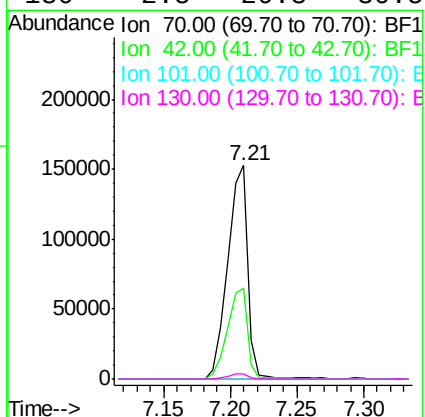
Ion Ratio Lower Upper

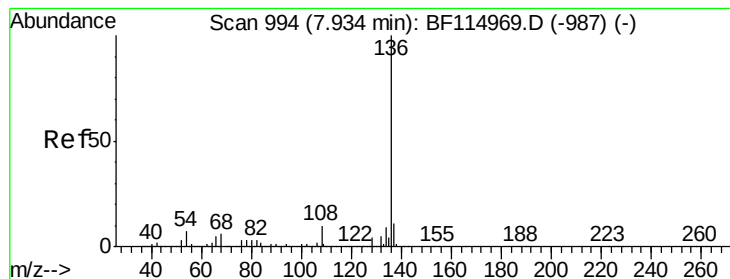
70 100

42 42.5 40.3 60.5

101 0.0 8.2 12.4#

130 2.5 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: BF115023.D

Acq: 14 Jun 2019 00:56

Instrument :

BNA_F

ClientSampleId :

S1(0-5)

Tgt Ion:136 Resp: 1084176

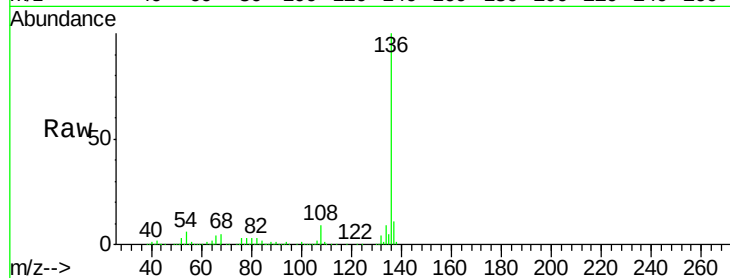
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 6.2 5.4 8.0

68 5.1 4.6 7.0

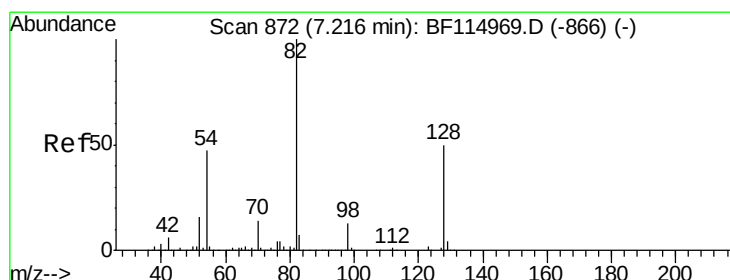
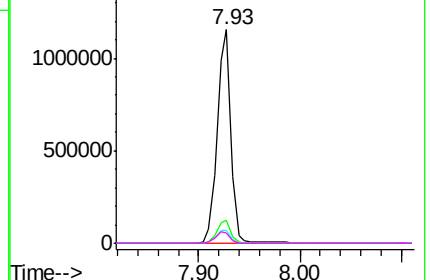
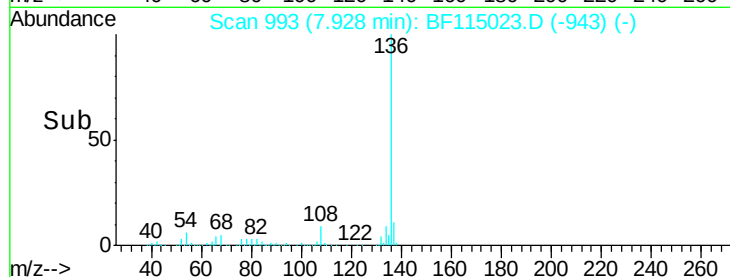


Abundance Ion 136.00 (135.70 to 136.70): E

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: 68.805 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF115023.D

Acq: 14 Jun 2019 00:56

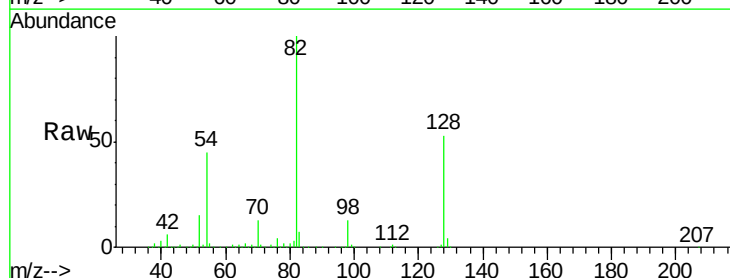
Tgt Ion: 82 Resp: 1239317

Ion Ratio Lower Upper

82 100

128 52.9 39.9 59.9

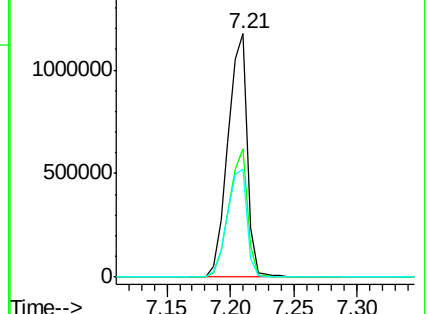
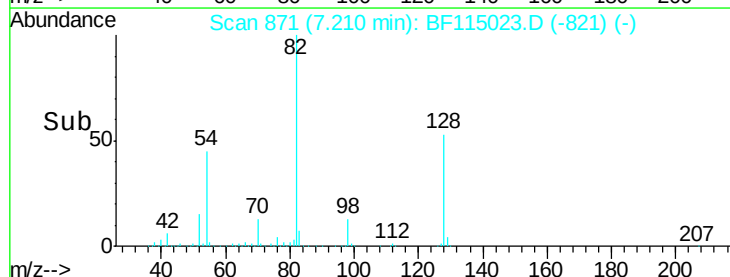
54 44.5 37.3 55.9

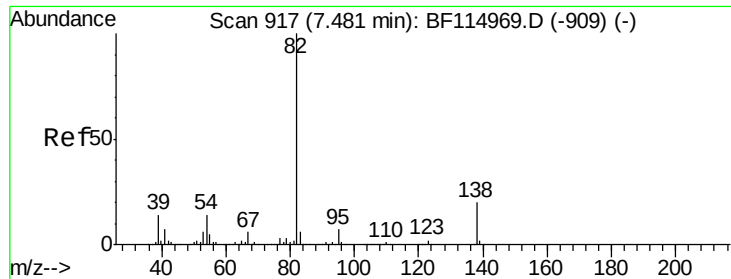


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 35.874 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.27 min

Lab File: BF115023.D

Acq: 14 Jun 2019 00:56

Instrument :

BNA_F

ClientSampleId :

S1(0-5)

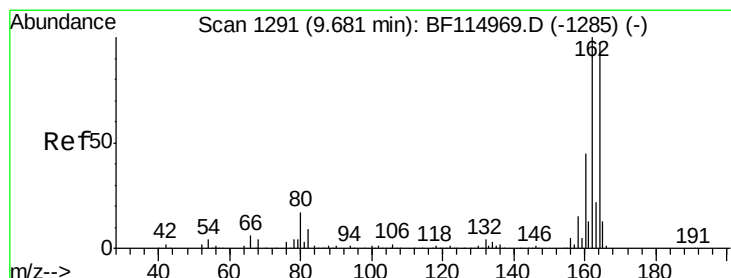
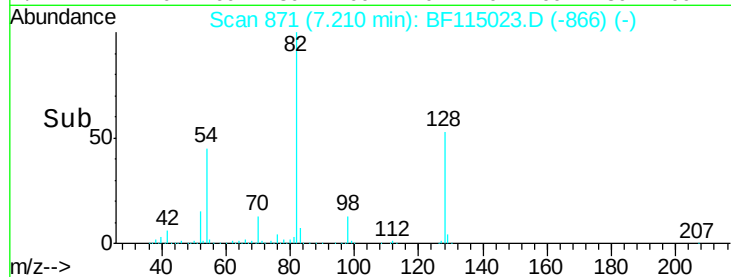
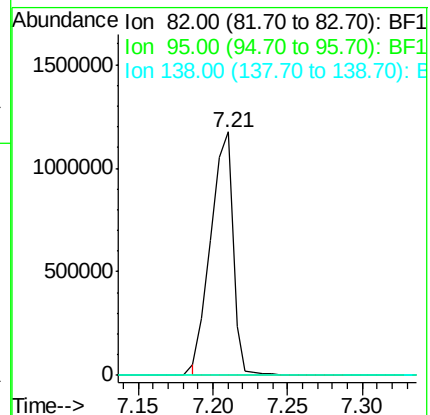
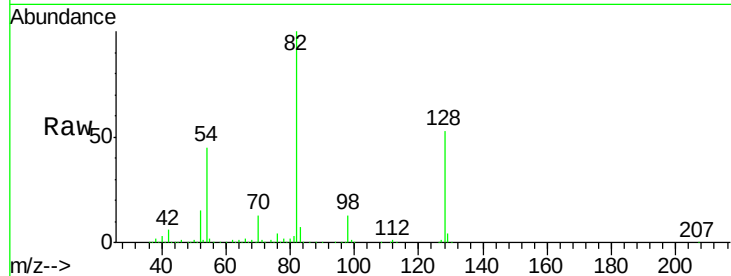
Tgt Ion: 82 Resp: 1210217

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 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: BF115023.D

Acq: 14 Jun 2019 00:56

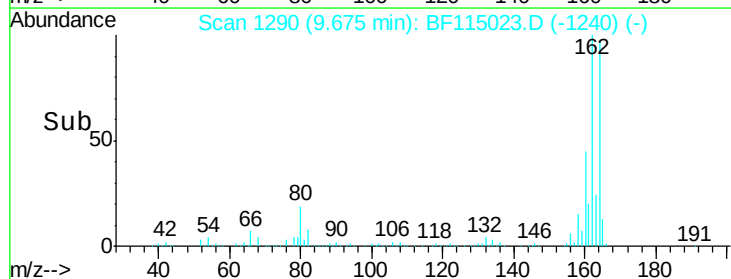
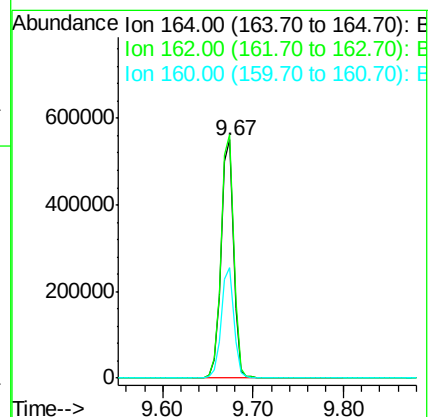
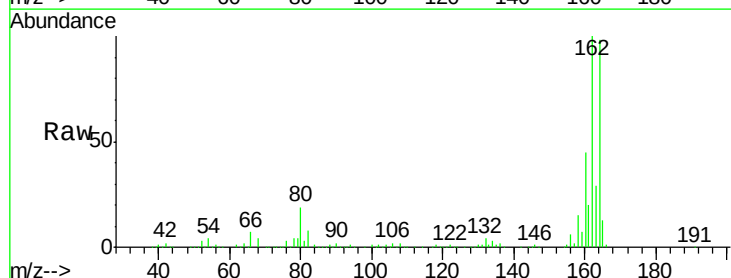
Tgt Ion: 164 Resp: 522820

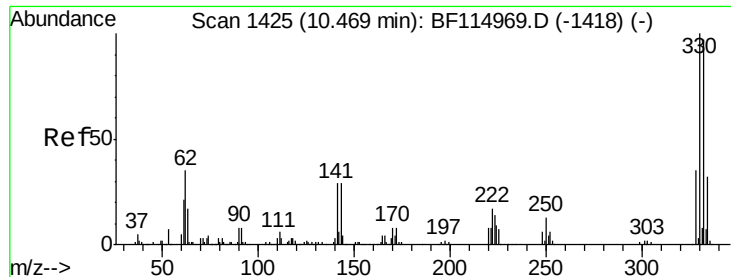
Ion Ratio Lower Upper

164 100

162 102.3 82.6 124.0

160 46.4 36.9 55.3





#42

2,4,6-Tribromophenol

Concen: 18.667 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.02 min

Lab File: BF115023.D

Acq: 14 Jun 2019 00:56

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S1(0-5)

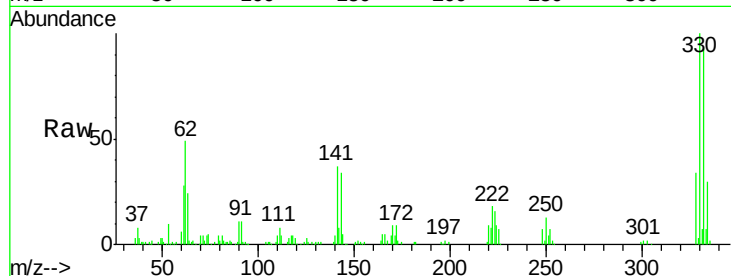
Tgt Ion:330 Resp: 104513

Ion Ratio Lower Upper

330 100

332 95.5 77.6 116.4

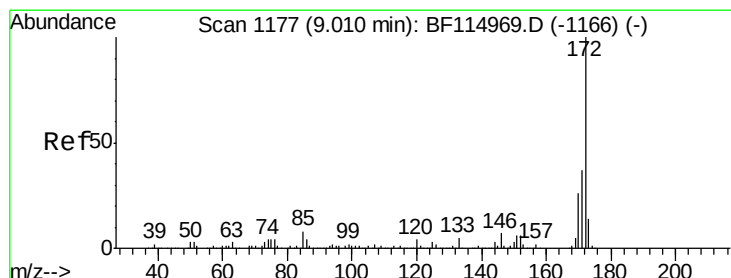
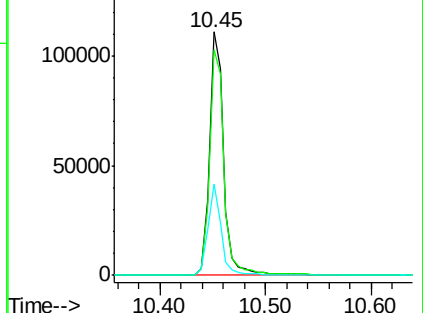
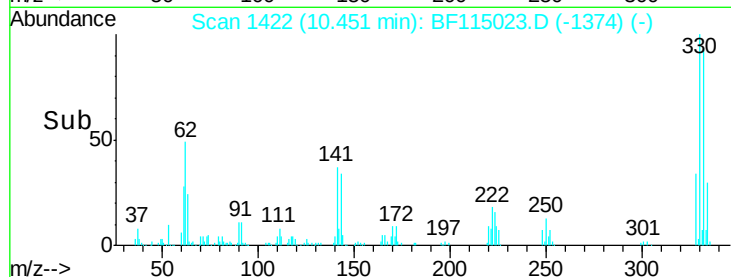
141 34.5 27.2 40.8



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: 69.909 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF115023.D

Acq: 14 Jun 2019 00:56

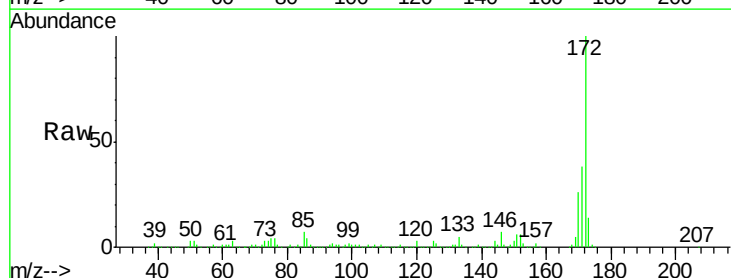
Tgt Ion:172 Resp: 2156554

Ion Ratio Lower Upper

172 100

171 37.6 29.8 44.6

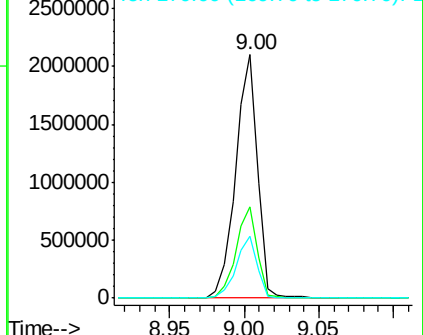
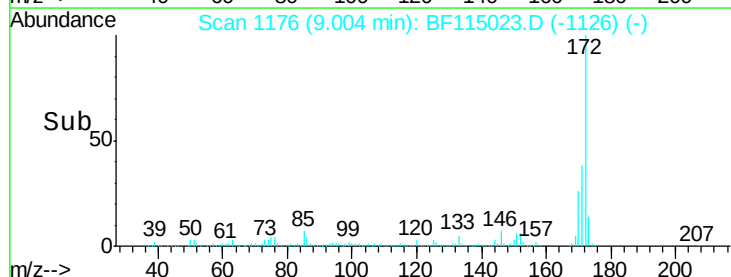
170 25.6 20.6 31.0

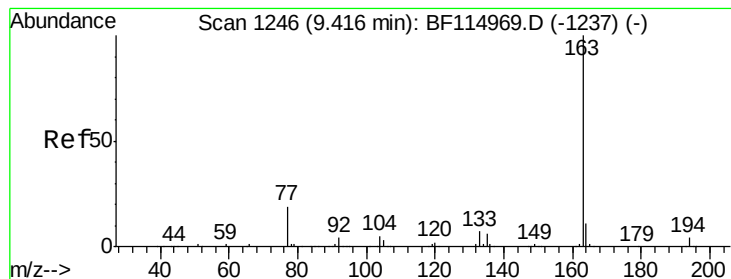


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 13.137 ng

RT: 9.40 min Scan# 1243

Delta R.T. -0.02 min

Lab File: BF115023.D

Acq: 14 Jun 2019 00:56

Instrument :

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ClientSampleId :

S1(0-5)

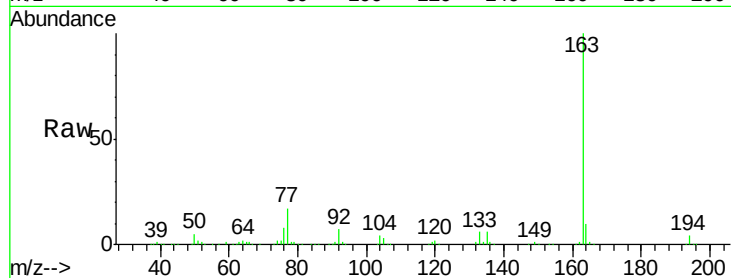
Tgt Ion:163 Resp: 516507

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

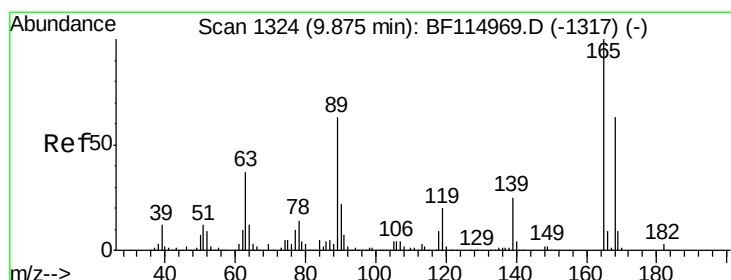
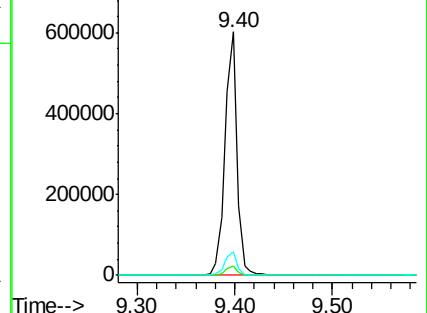
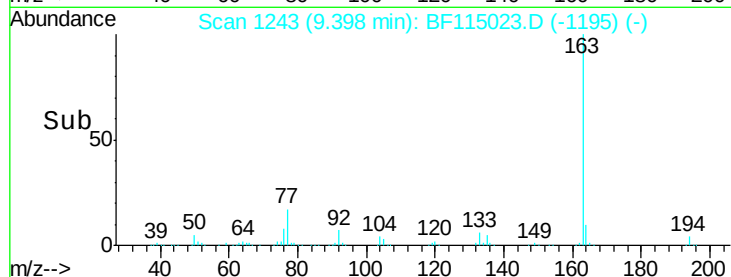
164 9.8 8.6 12.8



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: 5.984 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.20 min

Lab File: BF115023.D

Acq: 14 Jun 2019 00:56

Tgt Ion:165 Resp: 67928

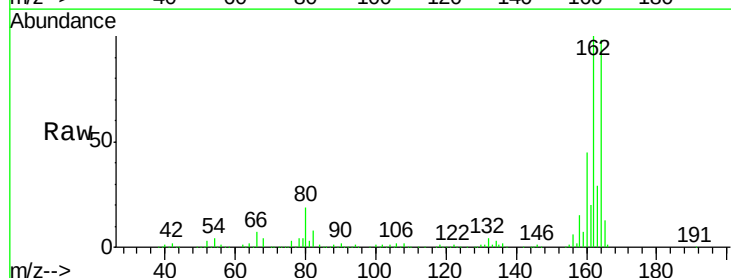
Ion Ratio Lower Upper

165 100

63 1.2 29.4 44.2#

89 1.5 50.6 75.8#

182 0.0 2.2 3.2#

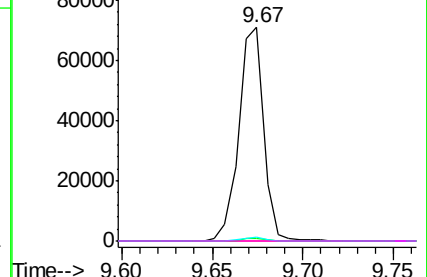
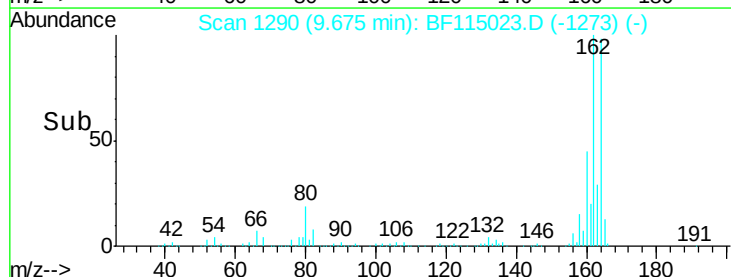


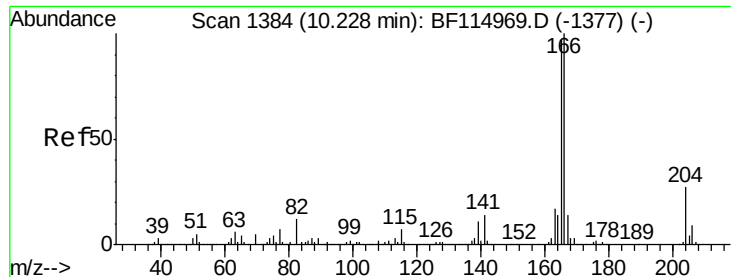
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF115023.D

Acq: 14 Jun 2019 00:56

Instrument :

BNA_F

ClientSampleId :

S1(0-5)

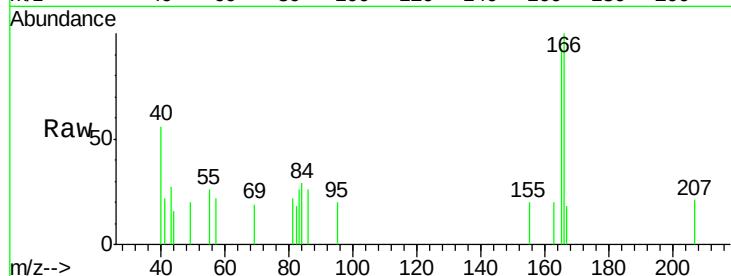
Tgt Ion:166 Resp: 1950

Ion Ratio Lower Upper

166 100

165 93.2 77.6 116.4

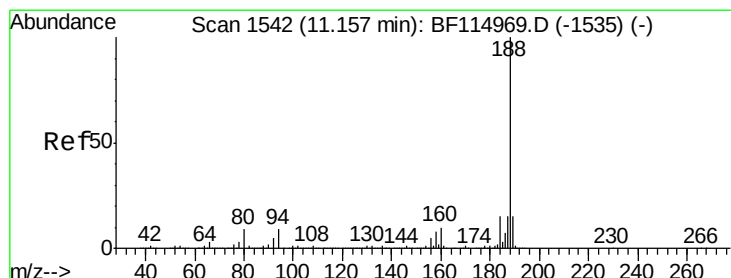
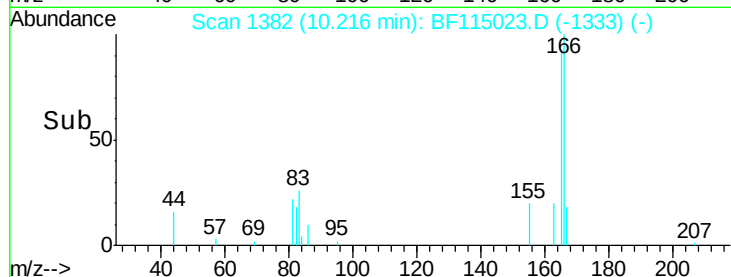
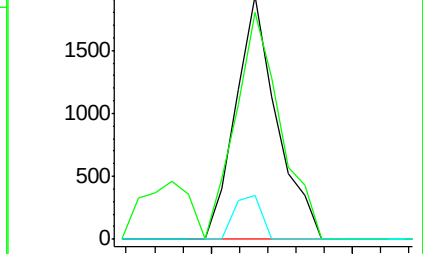
167 18.1 11.0 16.4#



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.15 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BF115023.D

Acq: 14 Jun 2019 00:56

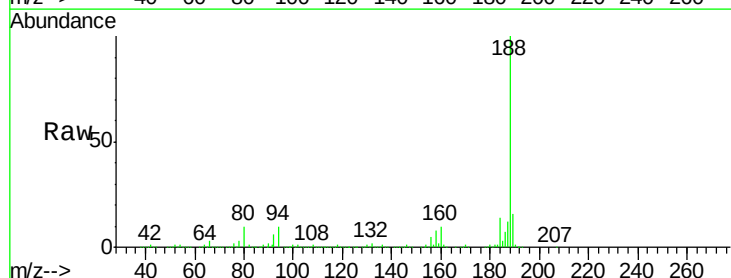
Tgt Ion:188 Resp: 966876

Ion Ratio Lower Upper

188 100

94 10.1 7.2 10.8

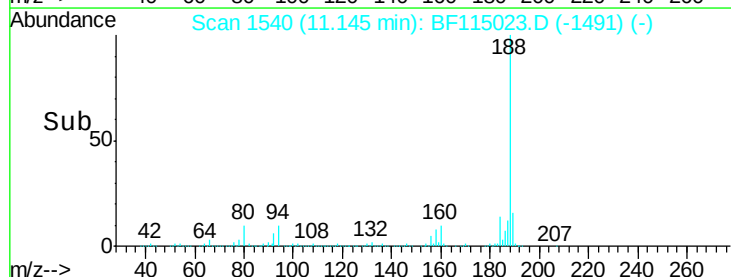
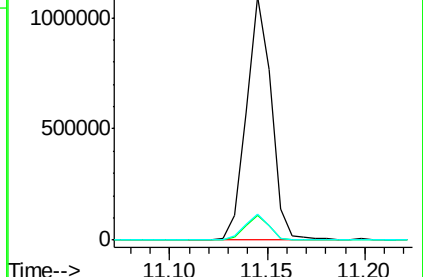
80 10.4 7.4 11.2

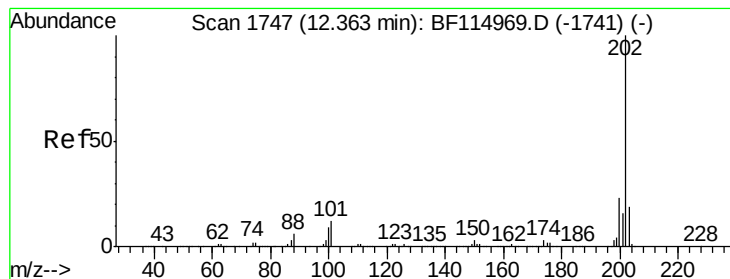


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Fluoranthene

Concen: 2.062 ng

RT: 12.35 min Scan# 1745

Delta R.T. -0.01 min

Lab File: BF115023.D

Acq: 14 Jun 2019 00:56

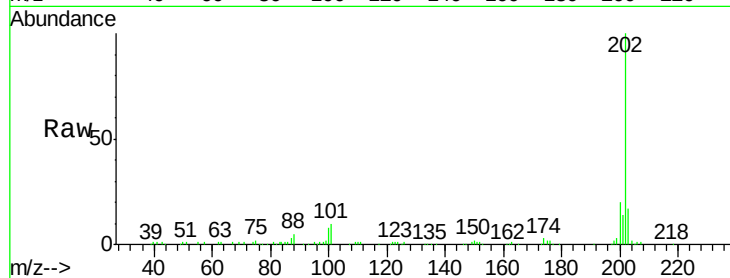
Instrument :

BNA_F

ClientSampleId :

S1(0-5)

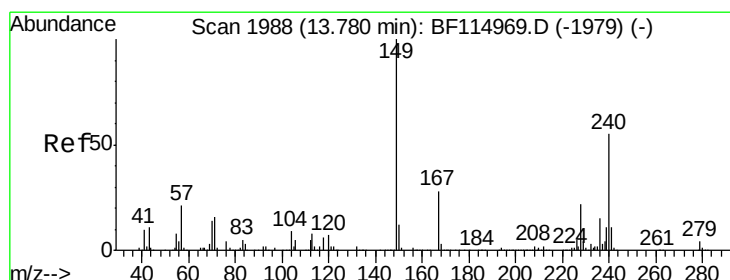
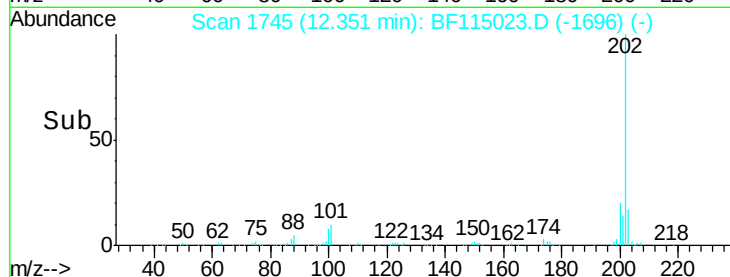
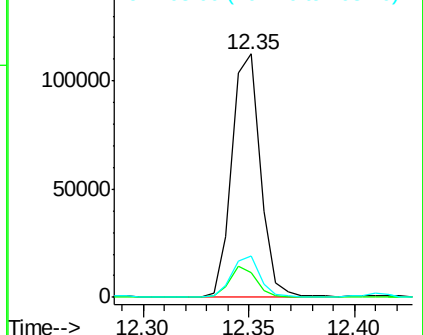
Tgt Ion:	202	Resp:	105239
Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	32.4
203	17.2	0.0	38.6



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

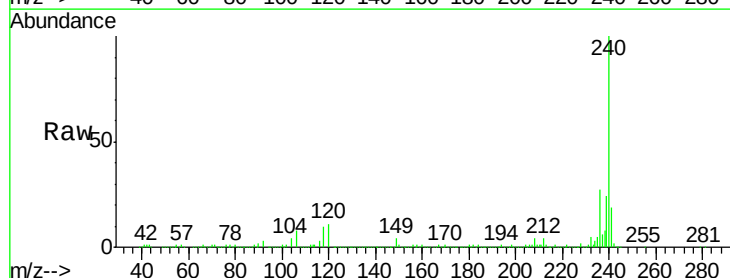
RT: 13.77 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BF115023.D

Acq: 14 Jun 2019 00:56

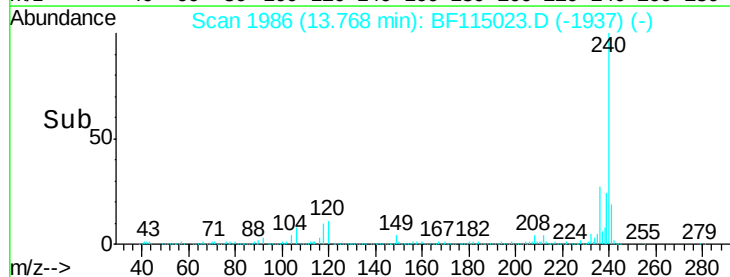
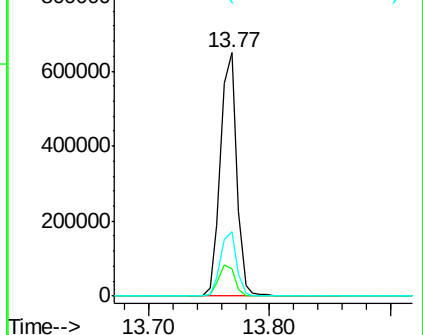
Tgt Ion:	240	Resp:	603914
Ion	Ratio	Lower	Upper
240	100		
120	11.3	10.0	15.0
236	26.6	21.6	32.4

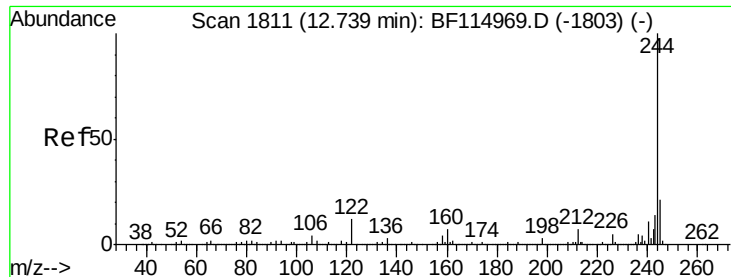


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 61.501 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF115023.D

Acq: 14 Jun 2019 00:56

Instrument :

BNA_F

ClientSampleId :

S1(0-5)

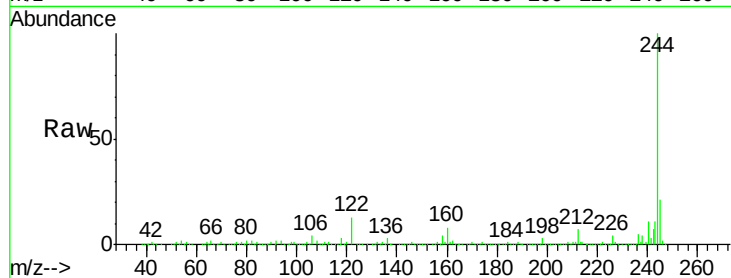
Tgt Ion:244 Resp: 1974693

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

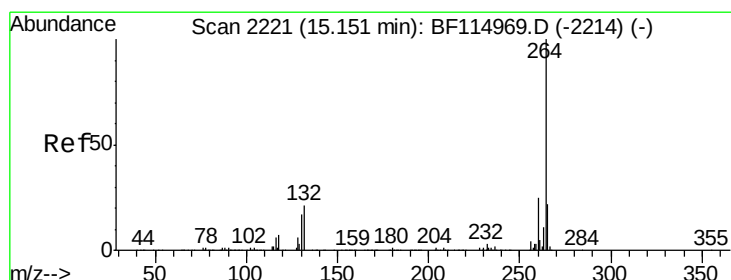
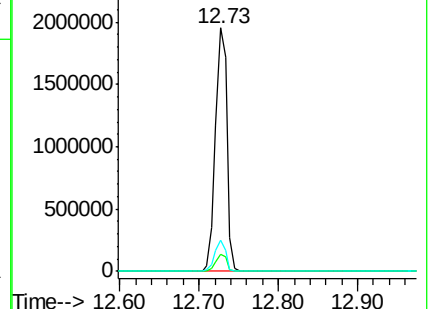
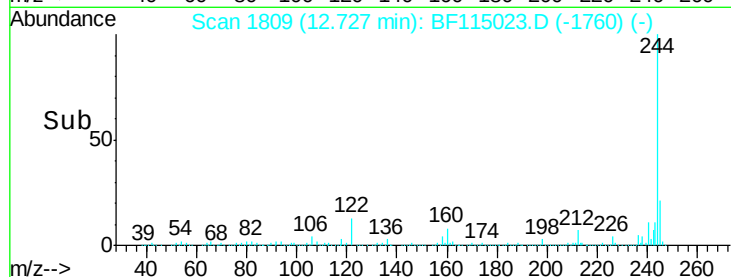
122 13.0 9.4 14.0



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

Perylene-d12

Concen: 20.000 ng

RT: 15.14 min Scan# 2220

Delta R.T. -0.01 min

Lab File: BF115023.D

Acq: 14 Jun 2019 00:56

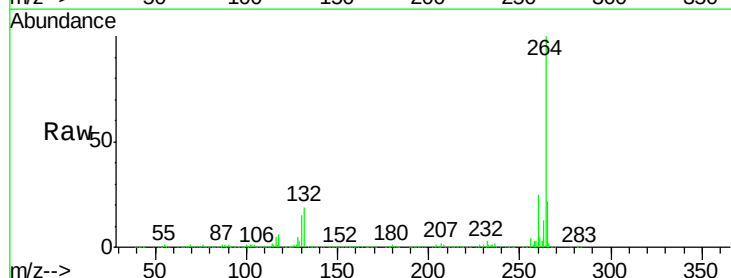
Tgt Ion:264 Resp: 553881

Ion Ratio Lower Upper

264 100

260 25.1 19.9 29.9

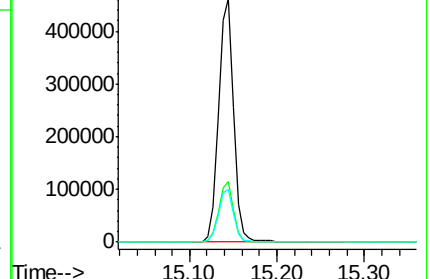
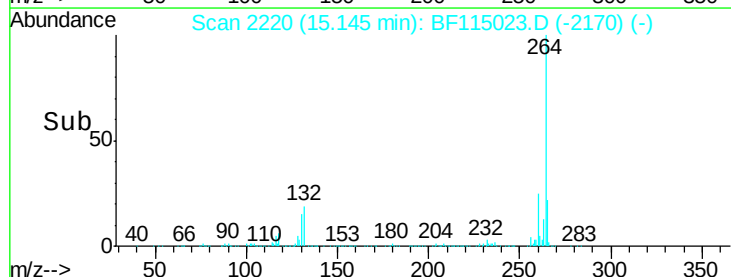
265 22.0 17.6 26.4

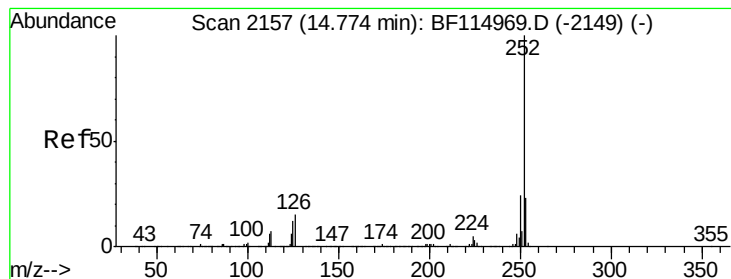


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 2.261 ng

RT: 14.76 min Scan# 2155

Delta R.T. -0.01 min

Lab File: BF115023.D

Acq: 14 Jun 2019 00:56

Instrument :

BNA_F

ClientSampleId :

S1(0-5)

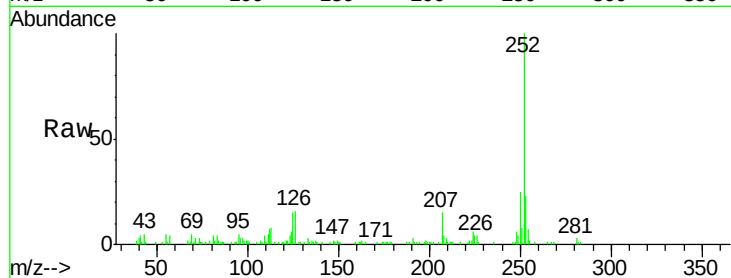
Tgt Ion:252 Resp: 83260

Ion Ratio Lower Upper

252 100

253 22.6 18.1 27.1

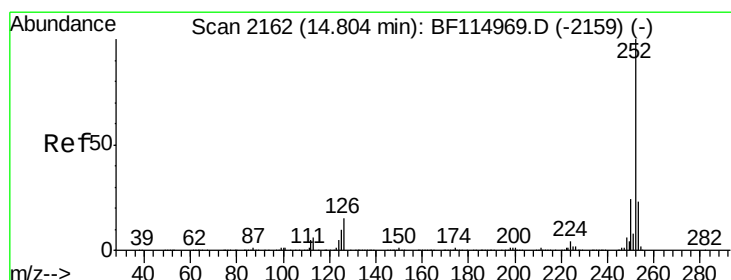
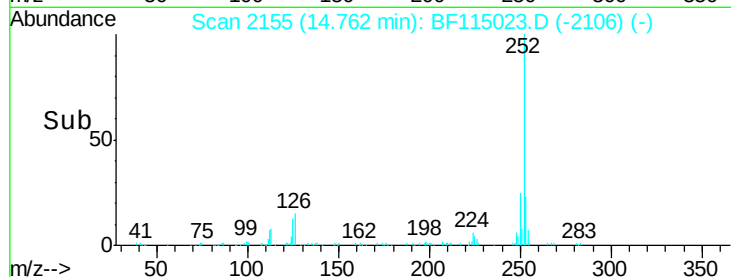
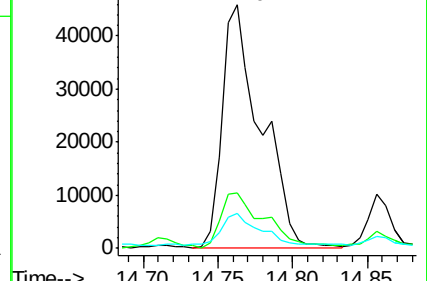
125 14.5 9.4 14.0#



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



#89

Benzo(k)fluoranthene

Concen: 2.576 ng

RT: 14.76 min Scan# 2155

Delta R.T. -0.04 min

Lab File: BF115023.D

Acq: 14 Jun 2019 00:56

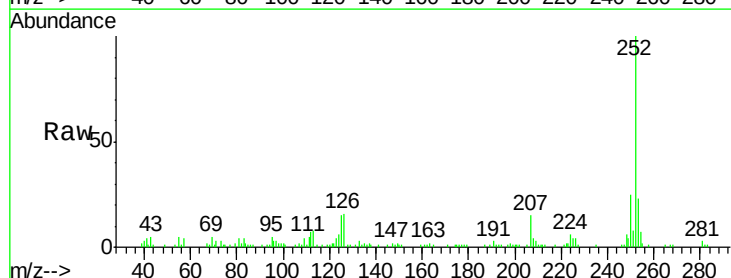
Tgt Ion:252 Resp: 83260

Ion Ratio Lower Upper

252 100

253 22.6 18.0 27.0

125 14.5 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

