

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
 Data File : BF110889.D
 Acq On : 20 Nov 2018 12:56
 Operator : JU/SJ
 Sample : J5993-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 20 14:19:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

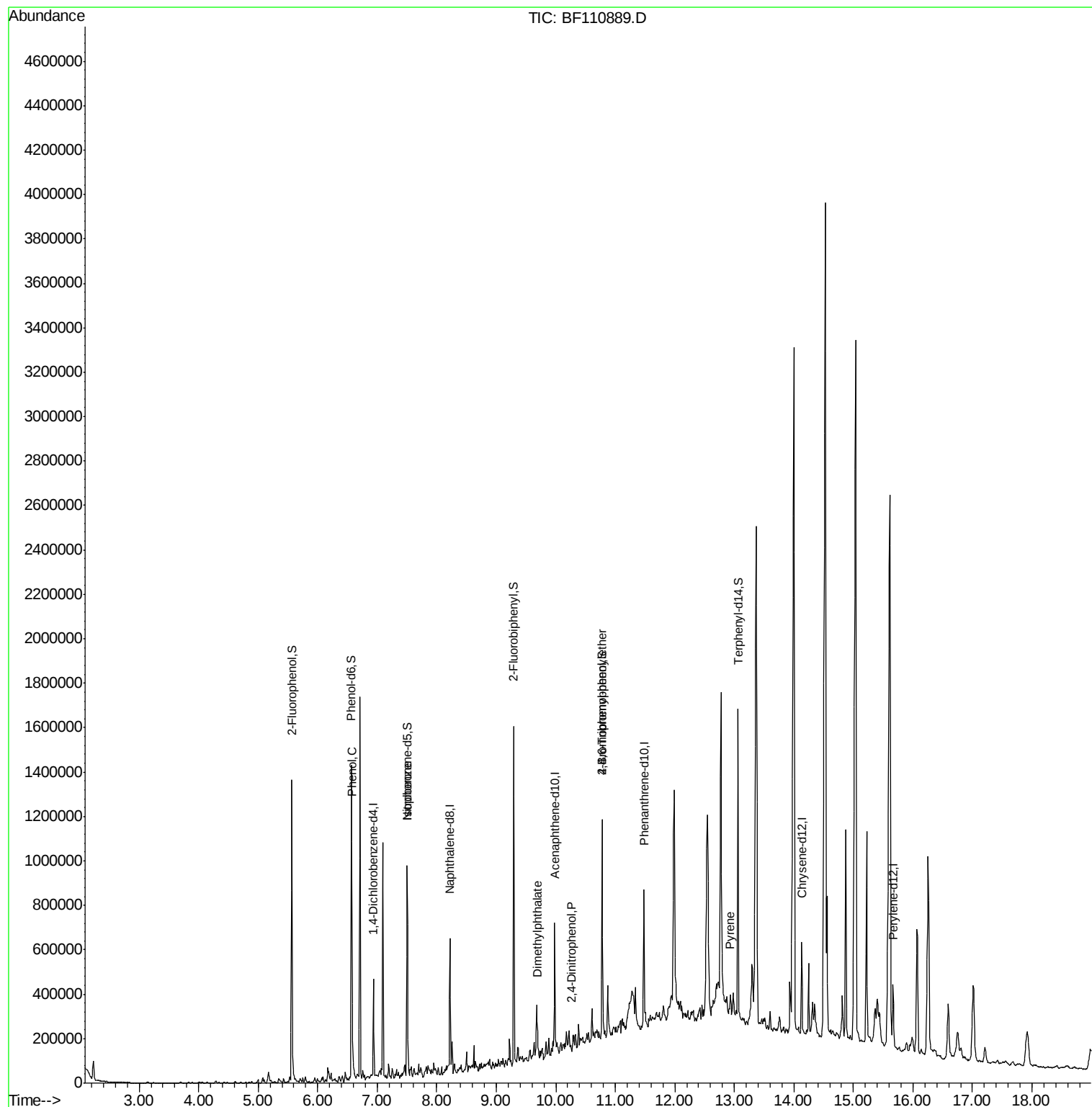
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	59596	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	246996	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	120731	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	224007	20.00	ng	0.00
76) Chrysene-d12	14.13	240	135946	20.00	ng	0.00
87) Perylene-d12	15.67	264	135788	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	402533	109.71	ng	0.00
7) Phenol-d6	6.57	99	517315	110.26	ng	0.00
23) Nitrobenzene-d5	7.50	82	307358	71.66	ng	-0.01
42) 2,4,6-Tribromophenol	10.78	330	114198	93.87	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	465654	55.08	ng	-0.01
79) Terphenyl-d14	13.06	244	421684	58.09	ng	0.00
Target Compounds						
9) Benzaldehyde	6.49	77	640	Below Cal		Qvalue
10) Phenol	6.58	94	28188	5.181 ng	#	1
25) Isophorone	7.50	82	305182	43.414 ng	#	67
50) Dimethylphthalate	9.69	163	46171	5.125 ng		99
54) 2,4-Dinitrophenol	10.26	184	485	5.280 ng	#	50
67) 4-Bromophenyl-phenylether	10.78	248	7357	2.972 ng	#	1
78) Pyrene	12.93	202	23084	2.205 ng	#	93

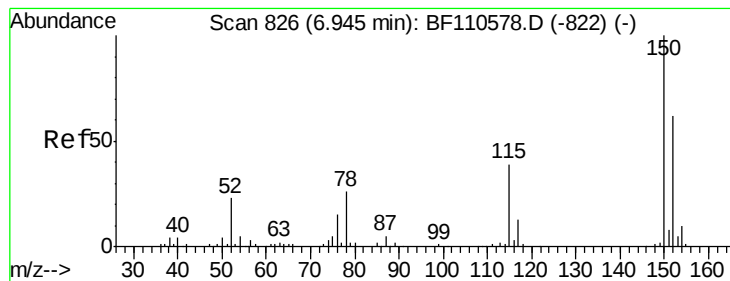
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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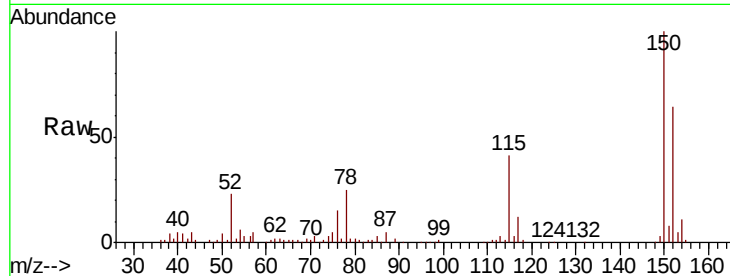


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110889.D
Acq: 20 Nov 2018 12:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	122.7	184.1
115	64.5	49.1	73.7

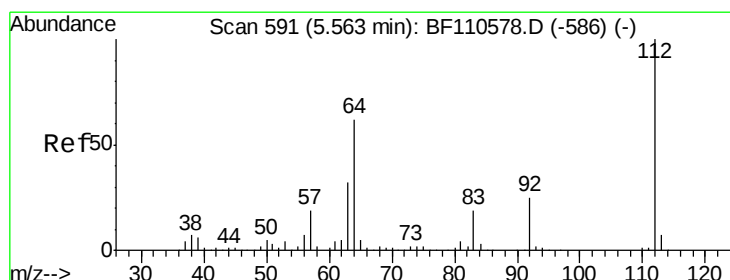
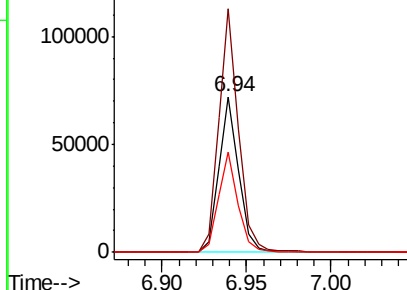
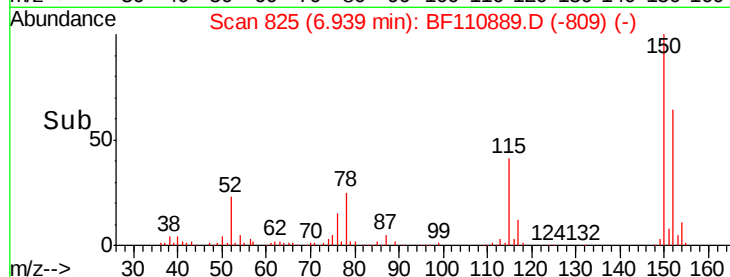


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

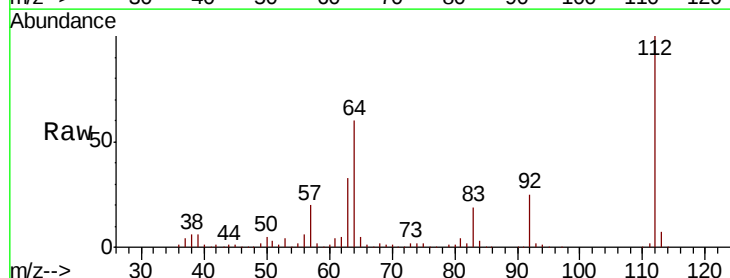
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 109.712 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110889.D
Acq: 20 Nov 2018 12:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.3	44.1	66.1
63	33.4	23.7	35.5

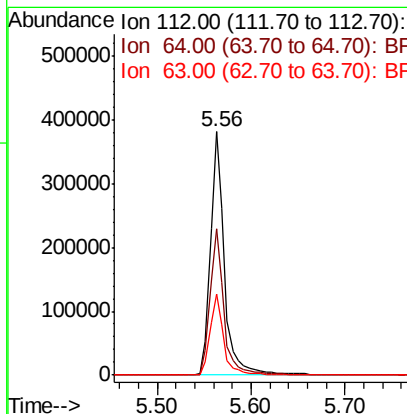
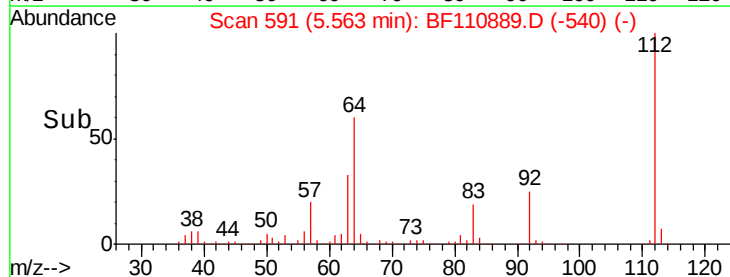


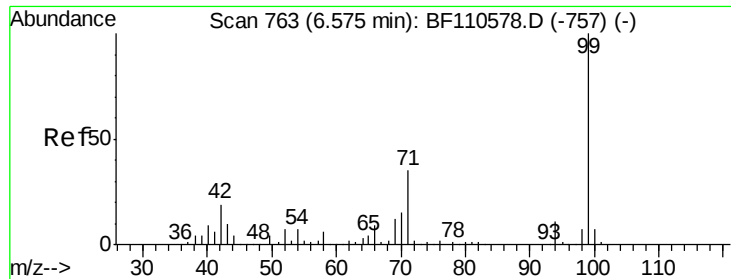
Abundance

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: 110.260 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110889.D

Acq: 20 Nov 2018 12:56

Instrument :

BNA_F

ClientSampleId :

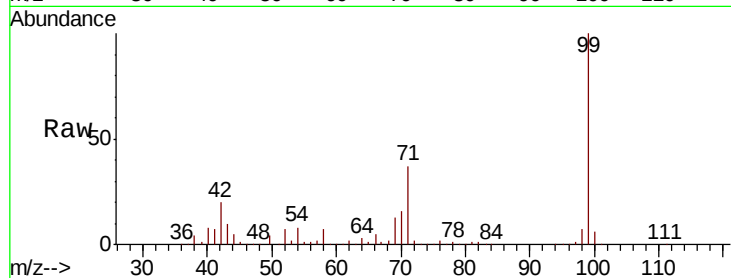
Tot Ion: 99 Resp: 517315

Ion Ratio Lower Upper

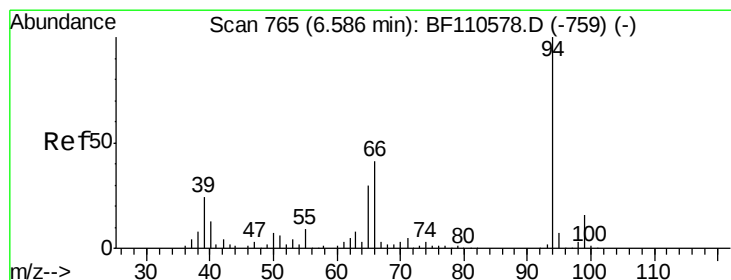
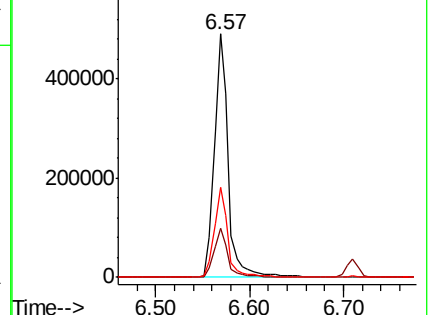
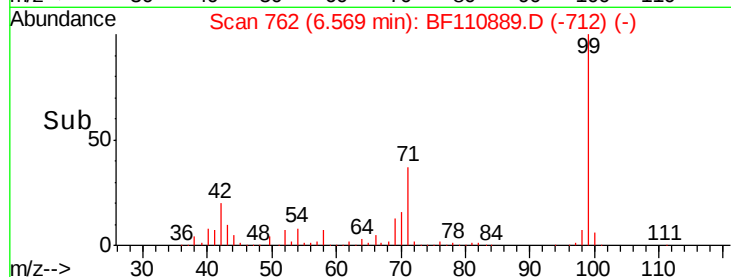
99 100

42 20.2 15.8 23.6

71 36.8 28.0 42.0



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



#10

Phenol

Concen: 5.181 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110889.D

Acq: 20 Nov 2018 12:56

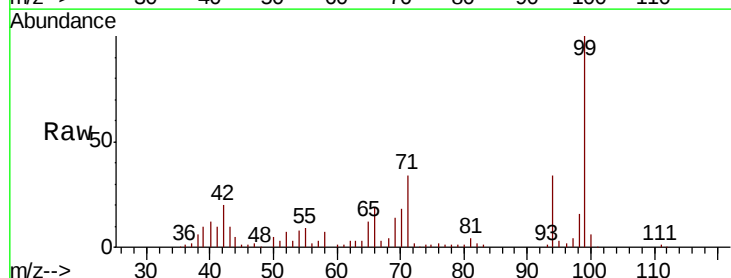
Tgt Ion: 94 Resp: 28188

Ion Ratio Lower Upper

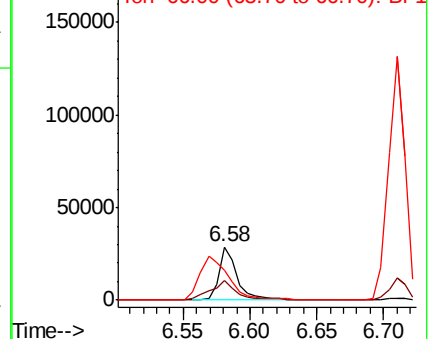
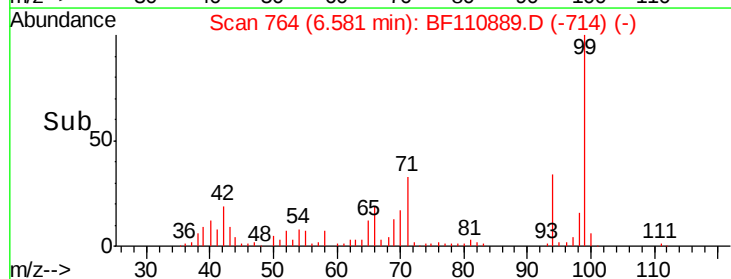
94 100

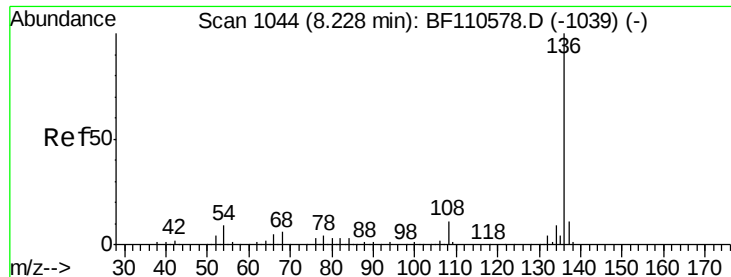
65 35.9 25.3 65.3

66 54.9 54.5 94.5



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF110889.D

Acq: 20 Nov 2018 12:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 246996

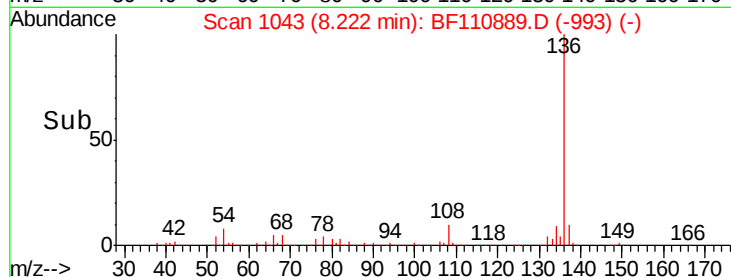
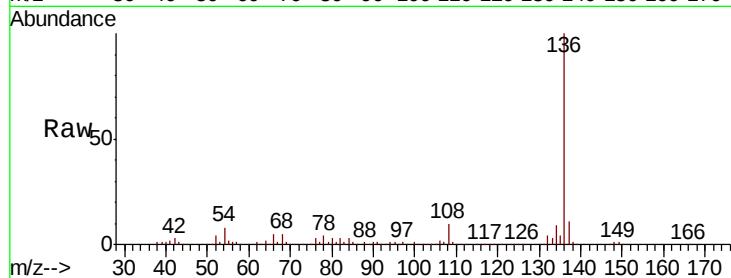
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 7.7 5.4 8.2

68 5.0 4.2 6.2

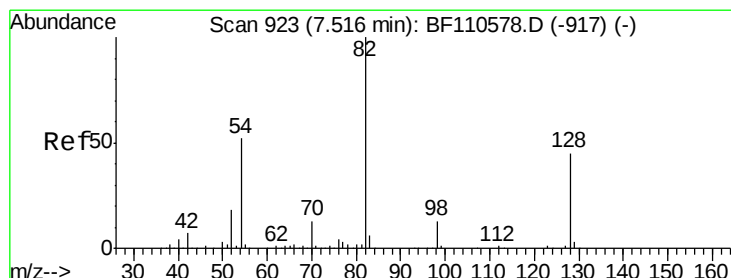
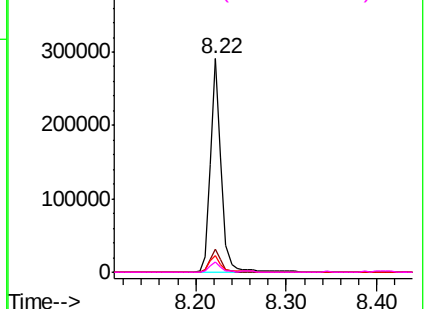


Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.664 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF110889.D

Acq: 20 Nov 2018 12:56

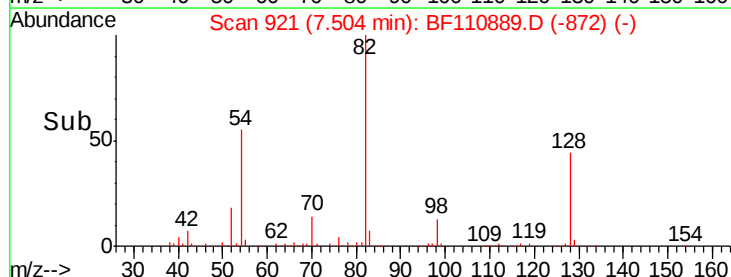
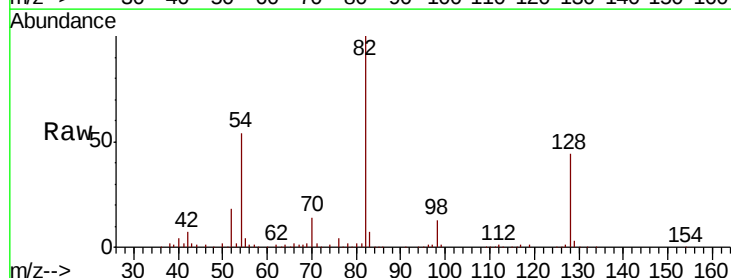
Tgt Ion: 82 Resp: 307358

Ion Ratio Lower Upper

82 100

128 43.9 34.2 51.2

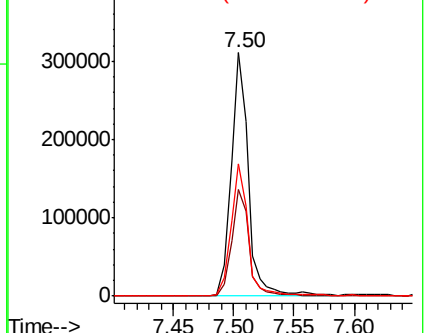
54 54.4 38.6 58.0

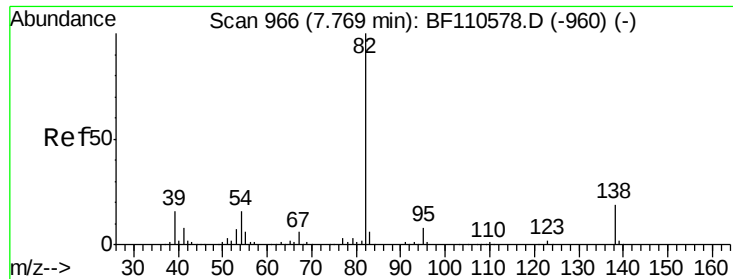


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 43.414 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.26 min

Lab File: BF110889.D

Acq: 20 Nov 2018 12:56

Instrument :

BNA_F

ClientSampled :

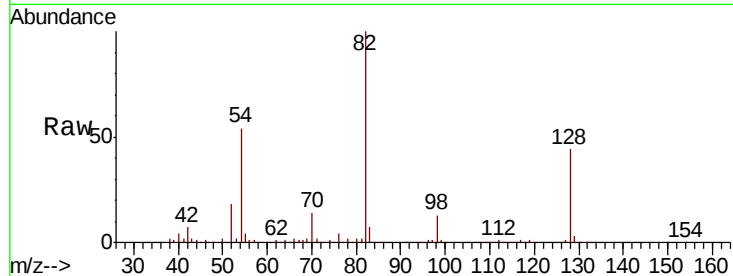
Tot Ion: 82 Resp: 305182

Ion Ratio Lower Upper

82 100

95 0.3 5.7 8.5#

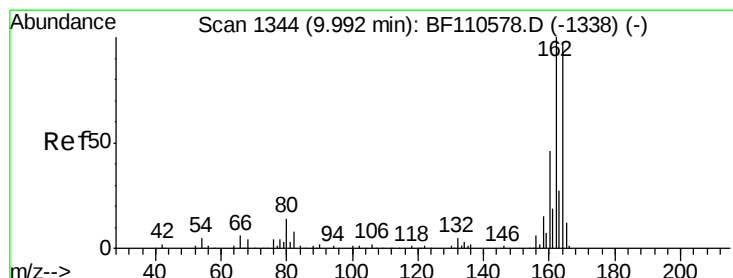
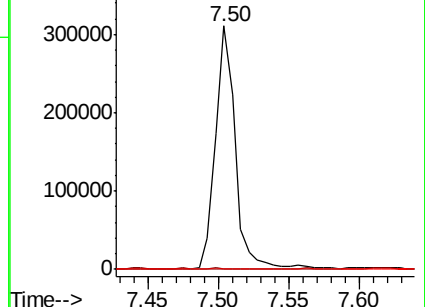
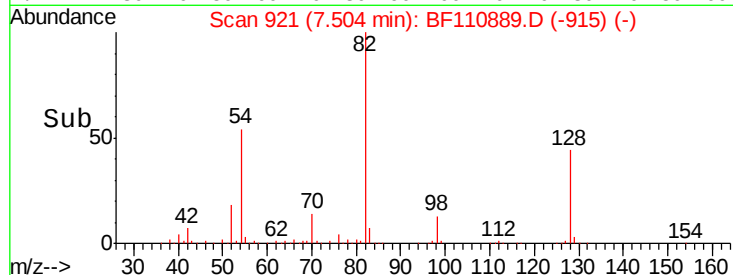
138 0.0 13.2 19.8#



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): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BF110889.D

Acq: 20 Nov 2018 12:56

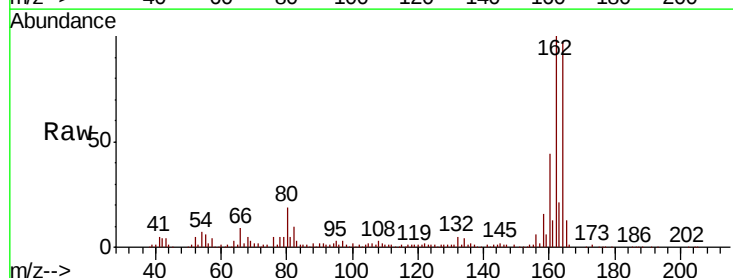
Tgt Ion:164 Resp: 120731

Ion Ratio Lower Upper

164 100

162 102.6 83.0 124.6

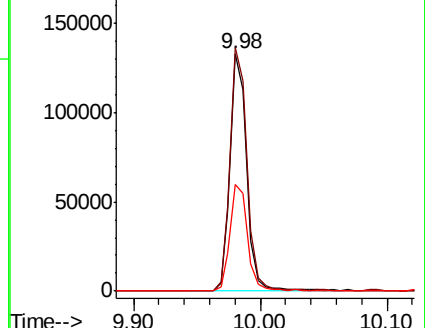
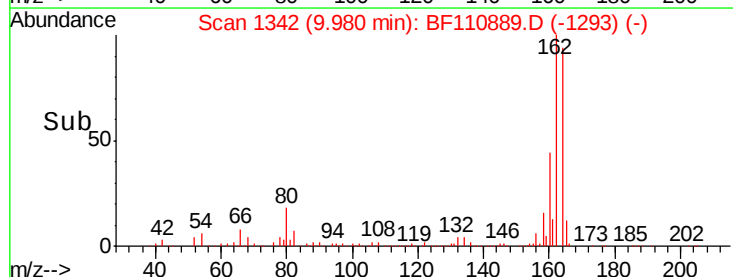
160 45.1 37.0 55.6

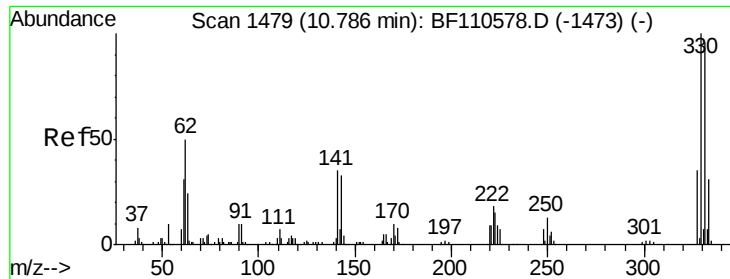


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

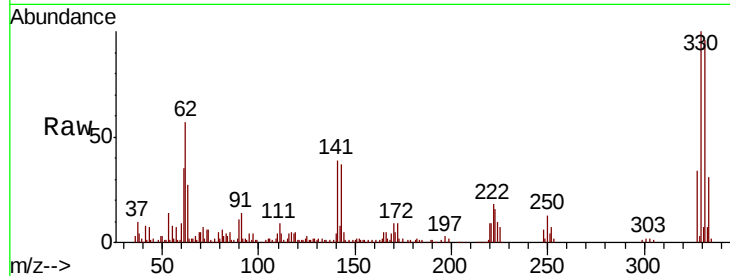




#42
 2,4,6-Tribromophenol
 Concen: 93.873 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110889.D
 Acq: 20 Nov 2018 12:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.1	115.7
141	40.4	27.0	40.4

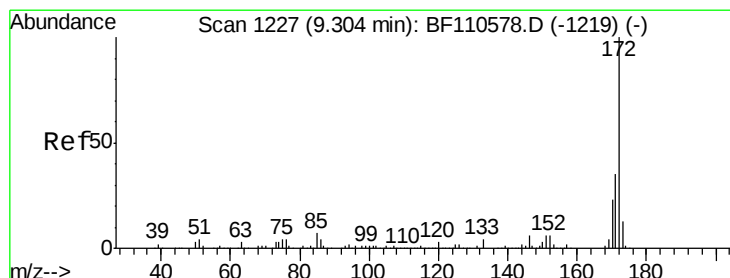
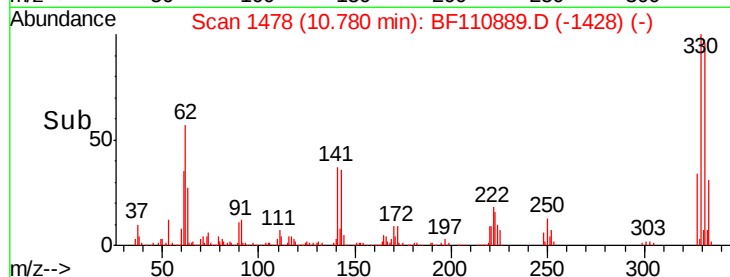
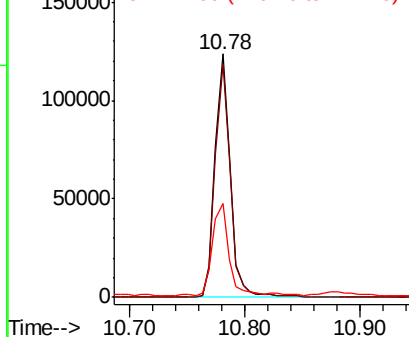


Abundance

Ion 329.80 (329.50 to 330.50): E

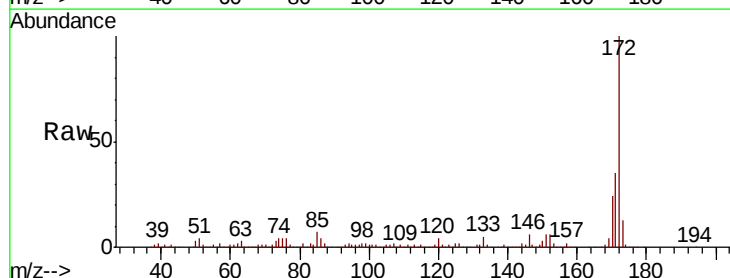
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 55.084 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: BF110889.D
 Acq: 20 Nov 2018 12:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	43.0
170	23.9	19.7	29.5

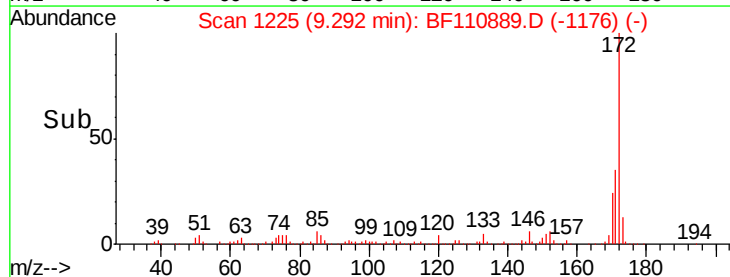
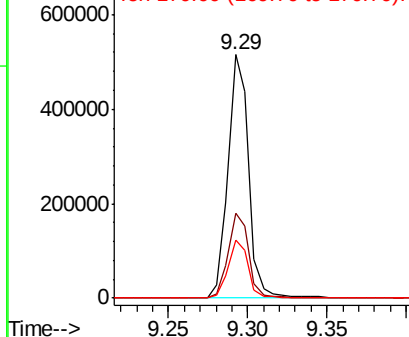


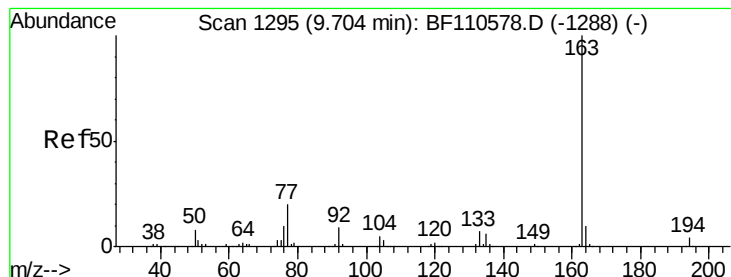
Abundance

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: 5.125 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF110889.D

Acq: 20 Nov 2018 12:56

Instrument :

BNA_F

ClientSampleId :

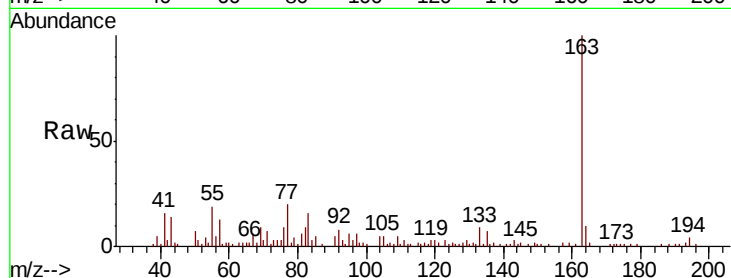
Tot Ion:163 Resp: 46171

Ion Ratio Lower Upper

163 100

194 4.4 3.2 4.8

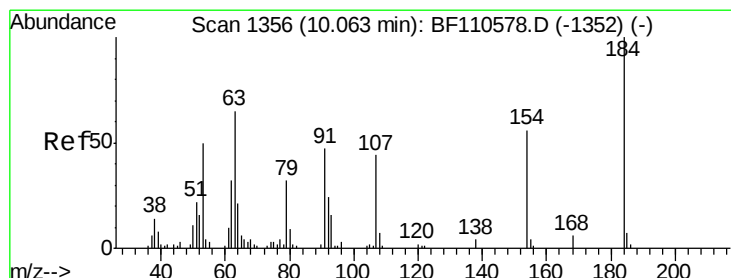
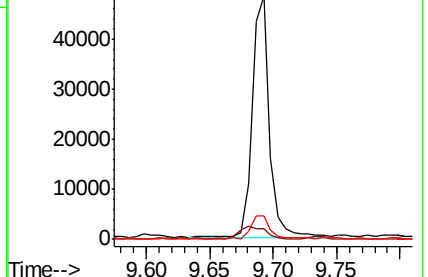
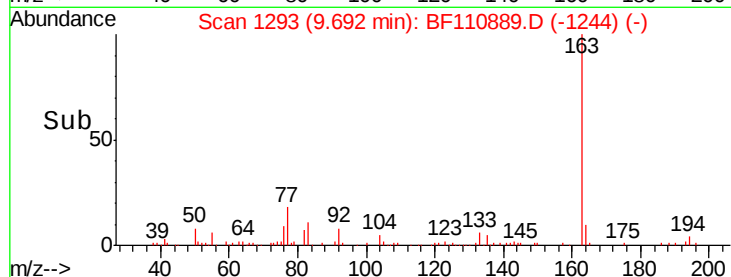
164 9.9 8.1 12.1



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



#54

2,4-Dinitrophenol

Concen: 5.280 ng

RT: 10.26 min Scan# 1390

Delta R.T. 0.20 min

Lab File: BF110889.D

Acq: 20 Nov 2018 12:56

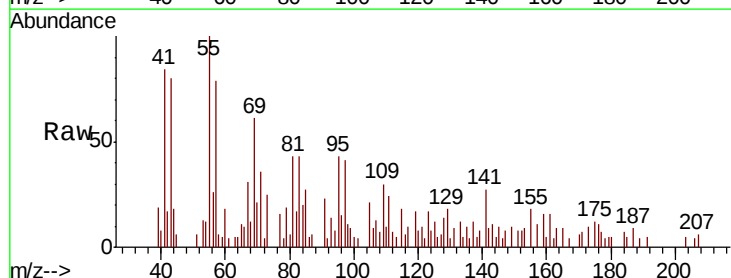
Tgt Ion:184 Resp: 485

Ion Ratio Lower Upper

184 100

63 73.0 55.8 83.6

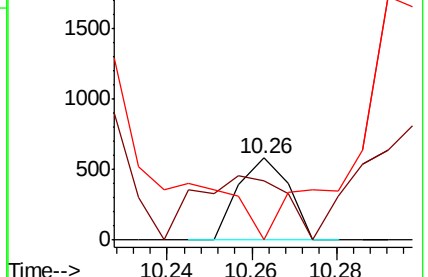
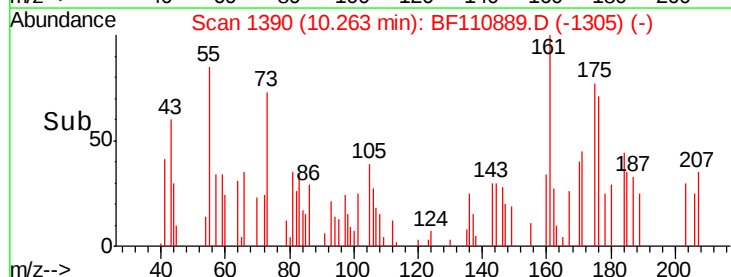
154 0.0 63.2 94.8#

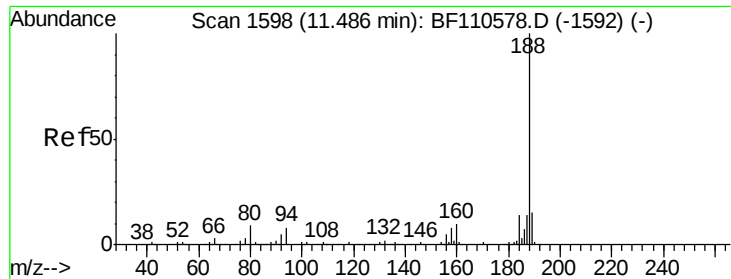


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF110889.D

Acq: 20 Nov 2018 12:56

Instrument :

BNA_F

ClientSampleId :

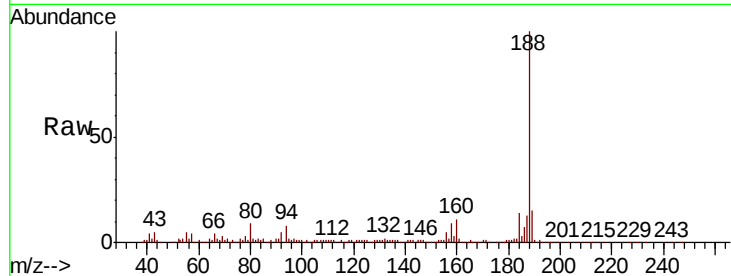
Tot Ion:188 Resp: 224007

Ion Ratio Lower Upper

188 100

94 8.1 7.2 10.8

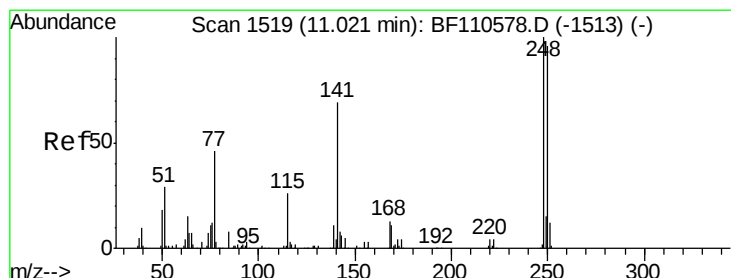
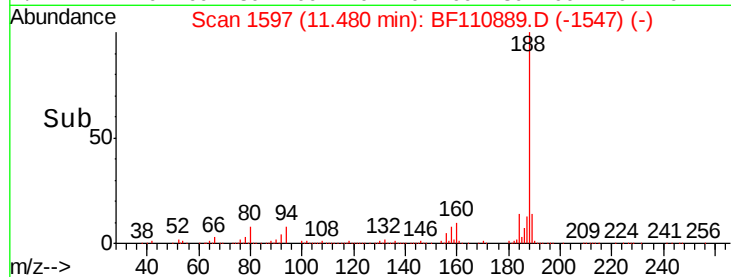
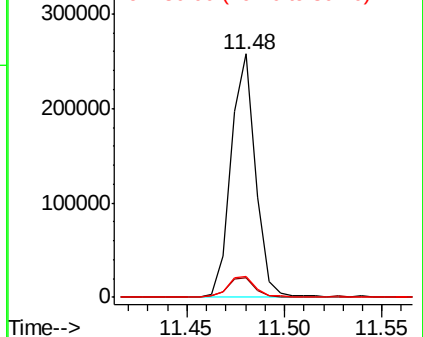
80 8.6 7.9 11.9



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



#67

4-Bromophenyl-phenylether

Concen: 2.972 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.24 min

Lab File: BF110889.D

Acq: 20 Nov 2018 12:56

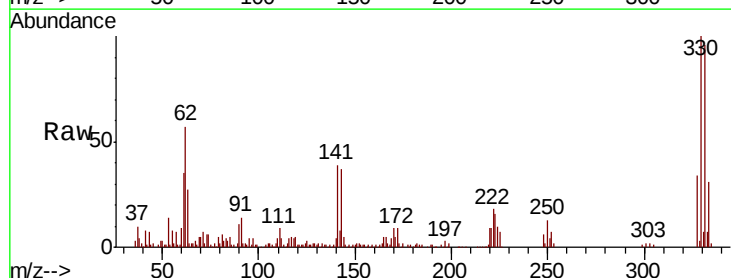
Tgt Ion:248 Resp: 7357

Ion Ratio Lower Upper

248 100

250 204.4 79.4 119.2#

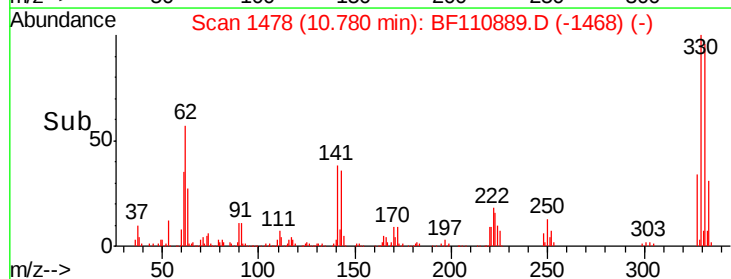
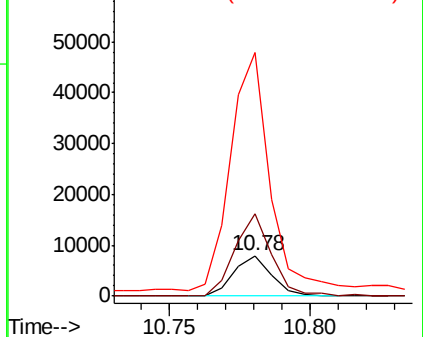
141 602.9 55.9 83.9#

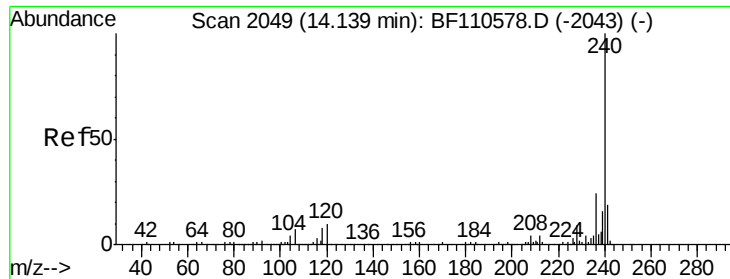


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

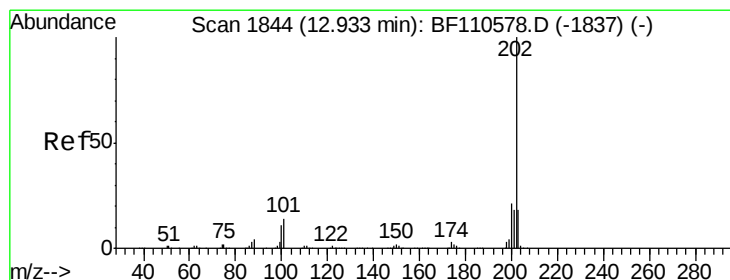
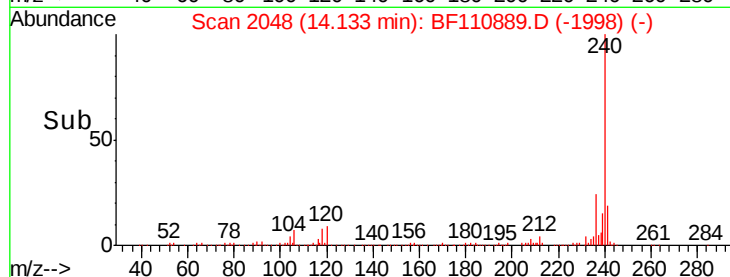
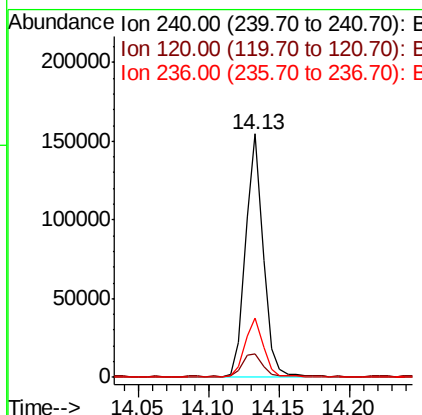
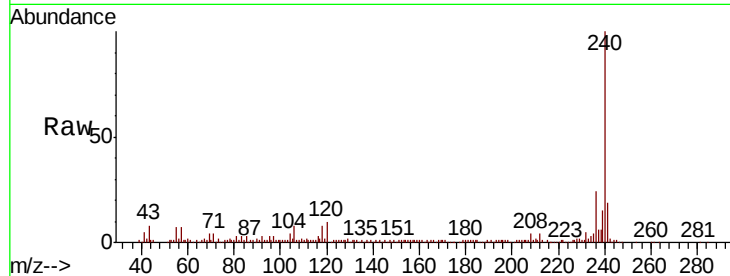




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF110889.D
 Acq: 20 Nov 2018 12:56

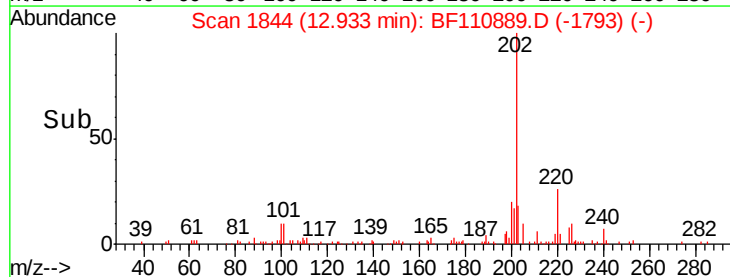
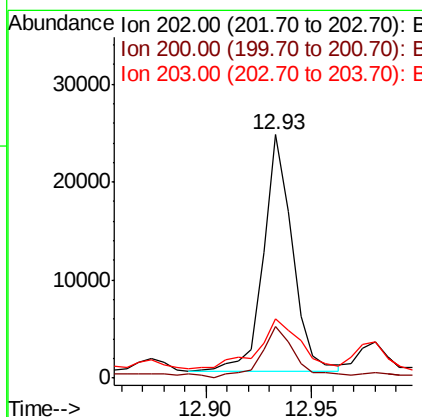
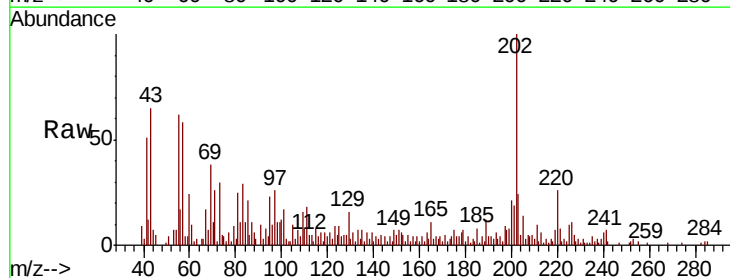
Instrument :
 BNA_F
 ClientSampleId :

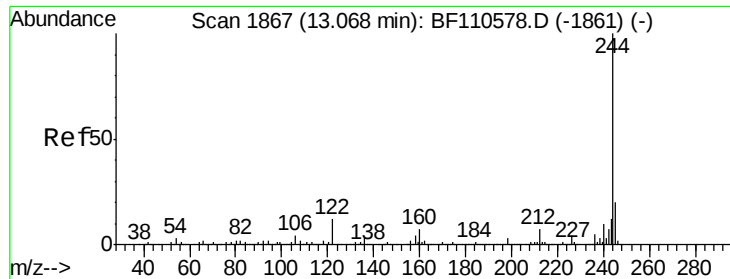
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.3	12.5
236	24.4	21.2	31.8



#78
 Pyrene
 Concen: 2.205 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: BF110889.D
 Acq: 20 Nov 2018 12:56

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.8	26.6
203	24.1	14.2	21.4





#79

Terphenyl-d14

Concen: 58.090 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110889.D

Acq: 20 Nov 2018 12:56

Instrument :

BNA_F

ClientSampleId :

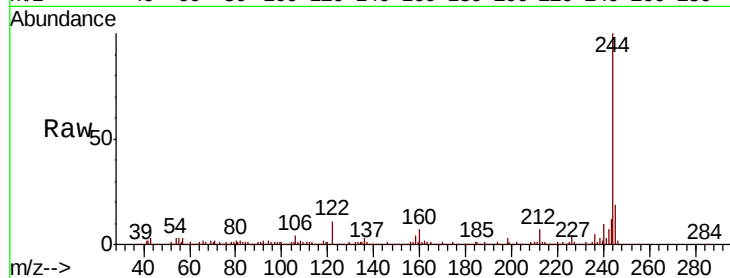
Tot Ion:244 Resp: 421684

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

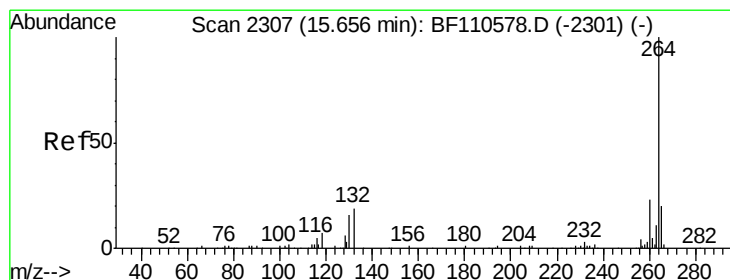
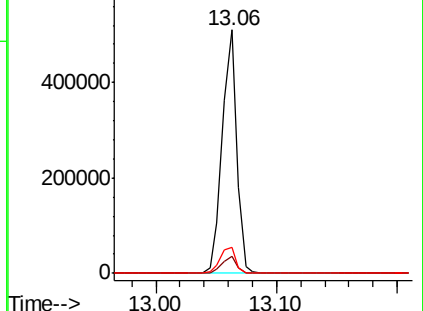
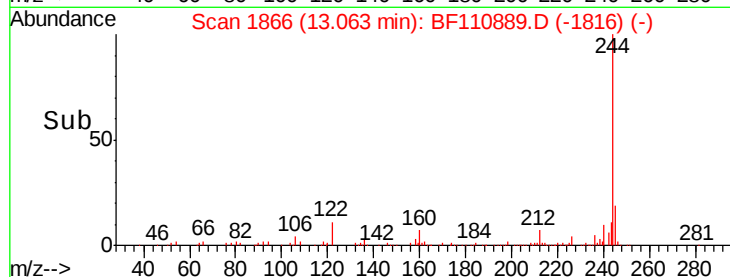
122 10.8 8.7 13.1



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: 15.67 min Scan# 2309

Delta R.T. 0.01 min

Lab File: BF110889.D

Acq: 20 Nov 2018 12:56

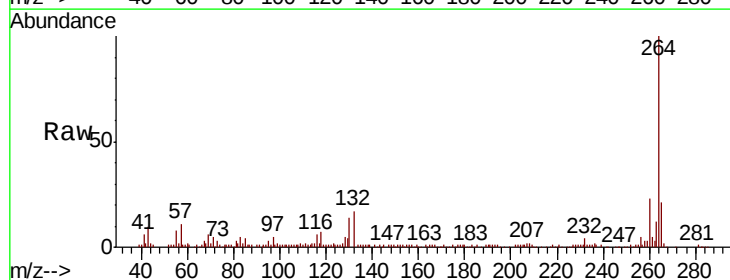
Tgt Ion:264 Resp: 135788

Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 21.1 16.7 25.1



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

