

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
 Data File : BF111987.D
 Acq On : 10 Jan 2019 15:11
 Operator : JU/SJ
 Sample : K1083-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 11 00:51:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

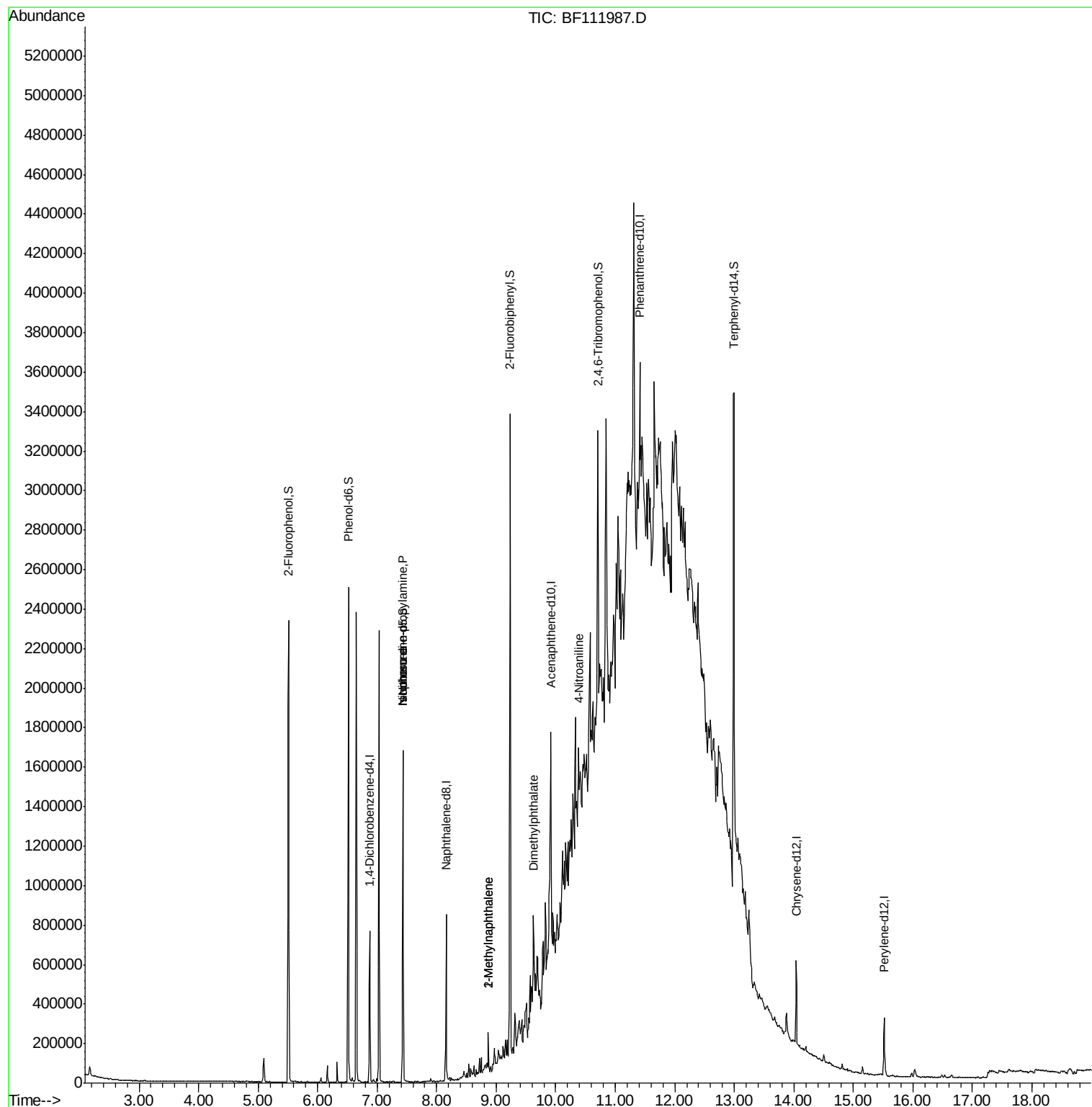
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	105365	20.00	ng	-0.02
21) Naphthalene-d8	8.16	136	354180	20.00	ng	-0.02
39) Acenaphthene-d10	9.92	164	174317	20.00	ng	-0.02
64) Phenanthrene-d10	11.41	188	266143	20.00	ng	0.00
76) Chrysene-d12	14.04	240	128390	20.00	ng	-0.02
87) Perylene-d12	15.52	264	139380	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	598202	97.13	ng	-0.01
7) Phenol-d6	6.52	99	805629	101.49	ng	-0.02
23) Nitrobenzene-d5	7.43	82	521652	78.72	ng	-0.02
42) 2,4,6-Tribromophenol	10.71	330	214790	94.73	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	985372	82.43	ng	-0.02
79) Terphenyl-d14	12.99	244	801775	118.54	ng	0.00
Target Compounds						
9) Benzaldehyde	6.52	77	1351	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.43	70	70882	13.743	ng	# 77
25) Isophorone	7.43	82	521647	48.611	ng	# 65
37) 2-Methylnaphthalene	8.87	142	48774	4.682	ng	98
38) 1-Methylnaphthalene	8.87	142	48774	4.881	ng	94
50) Dimethylphthalate	9.62	163	74978	5.726	ng	# 94
62) 4-Nitroaniline	10.37	138	7575	2.547	ng	92

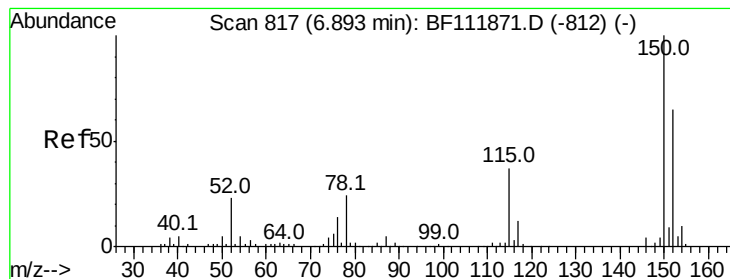
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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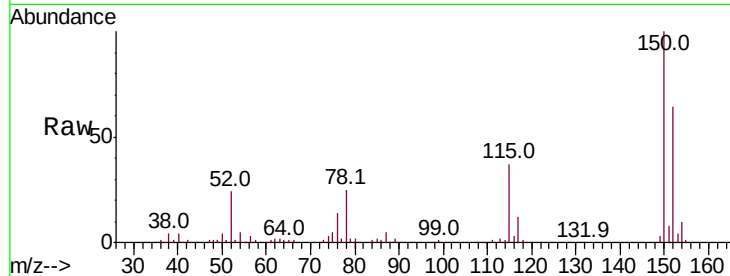


#1

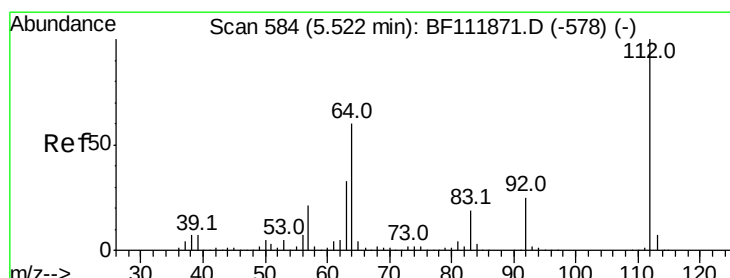
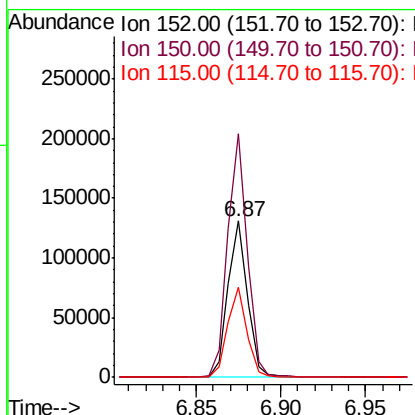
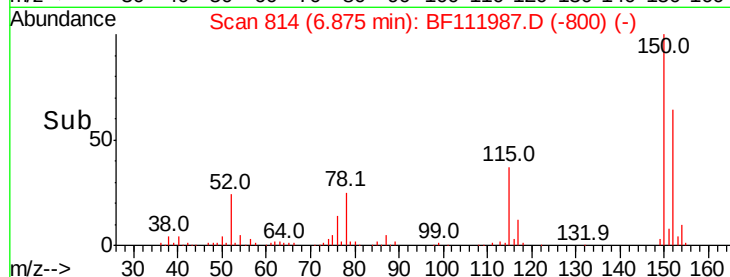
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF111987.D
Acq: 10 Jan 2019 15:11

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	122.7	184.1
115	57.6	45.2	67.8



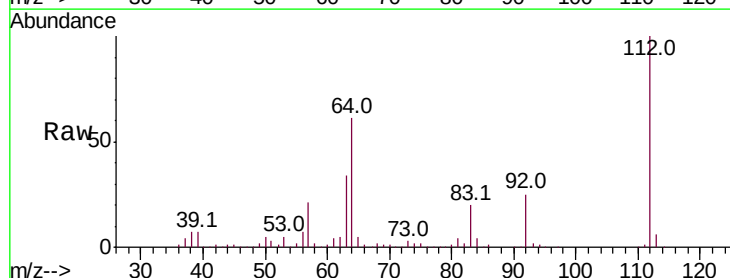
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



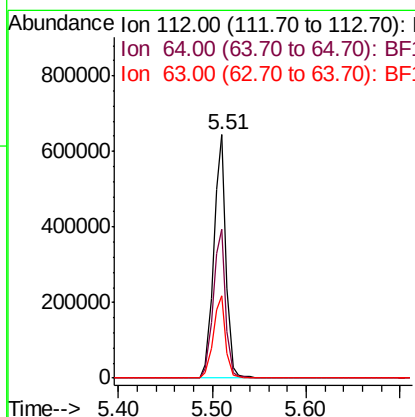
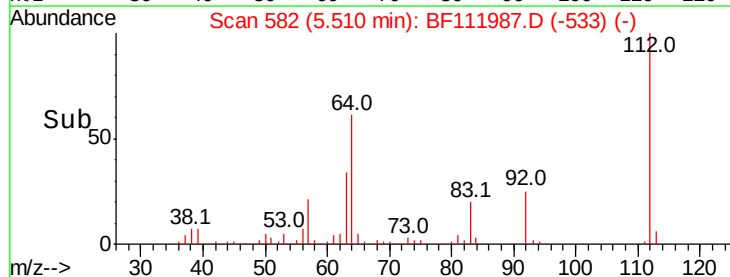
#5

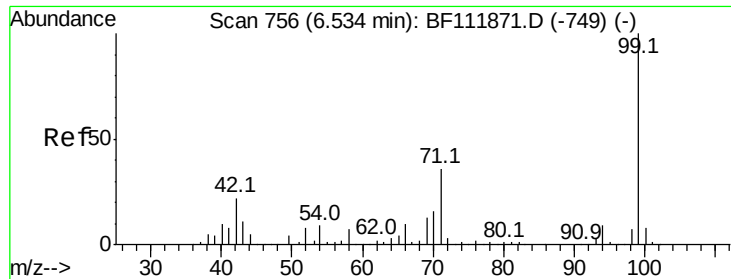
2-Fluorophenol
Concen: 97.130 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF111987.D
Acq: 10 Jan 2019 15:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.0	48.3	72.5
63	33.6	26.1	39.1



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: 101.491 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF111987.D

Acq: 10 Jan 2019 15:11

Instrument :

BNA_F

ClientSampled :

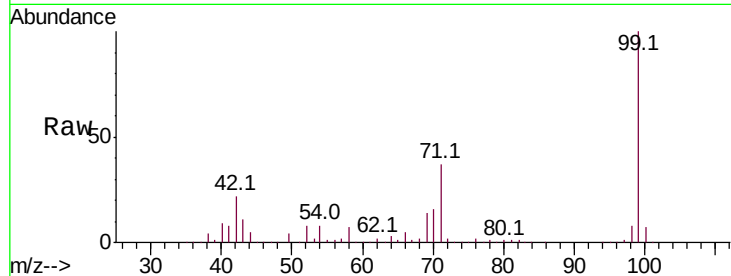
Tot Ion: 99 Resp: 805629

Ion Ratio Lower Upper

99 100

42 21.9 17.9 26.9

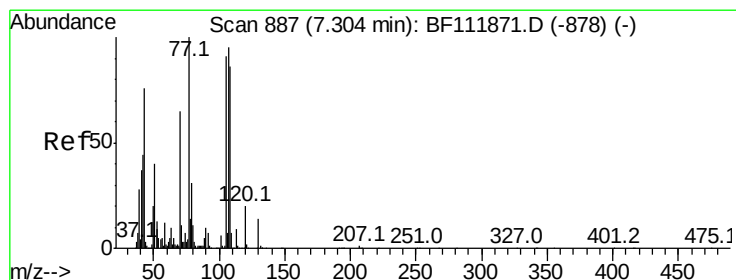
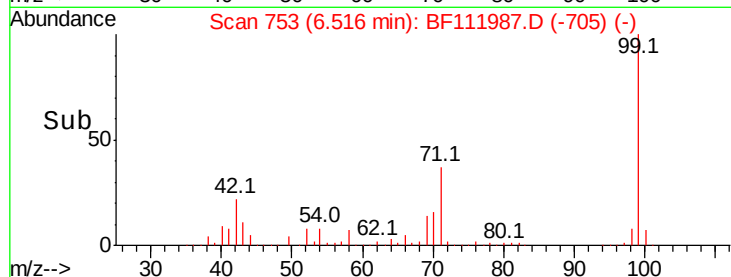
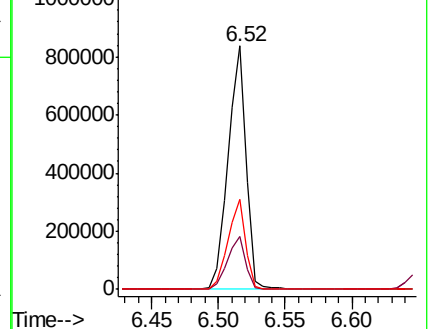
71 37.2 28.7 43.1



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.743 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.13 min

Lab File: BF111987.D

Acq: 10 Jan 2019 15:11

Tgt Ion: 70 Resp: 70882

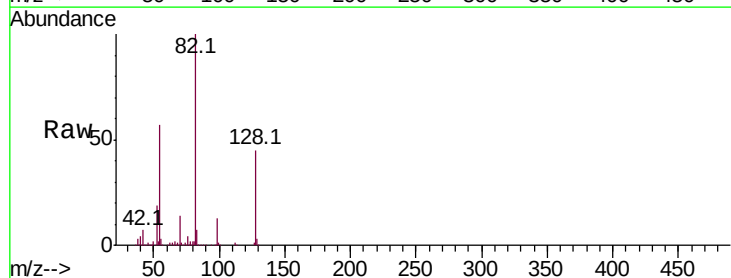
Ion Ratio Lower Upper

70 100

42 53.1 53.6 80.4#

101 0.0 7.3 10.9#

130 1.9 16.8 25.2#

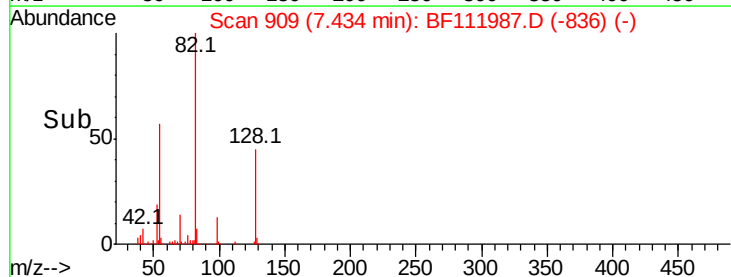
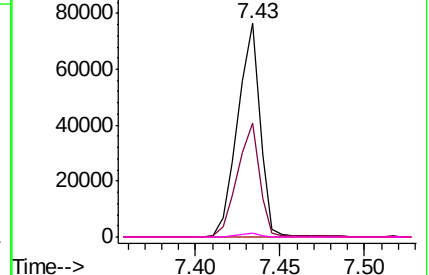


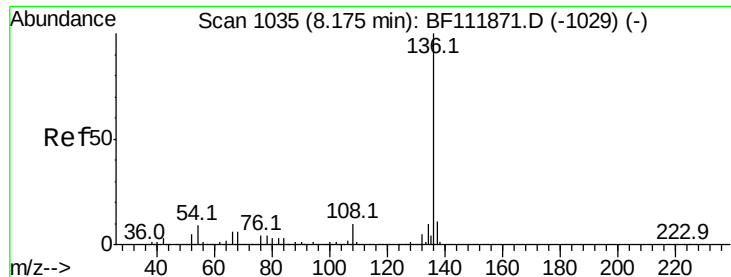
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

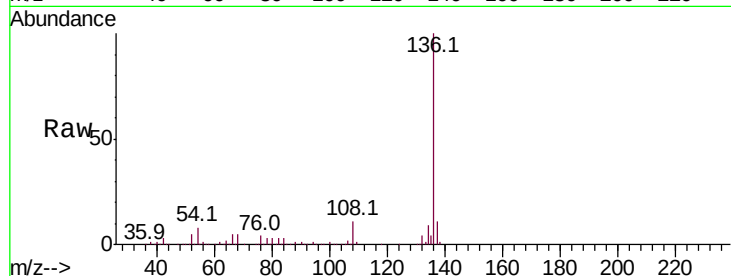




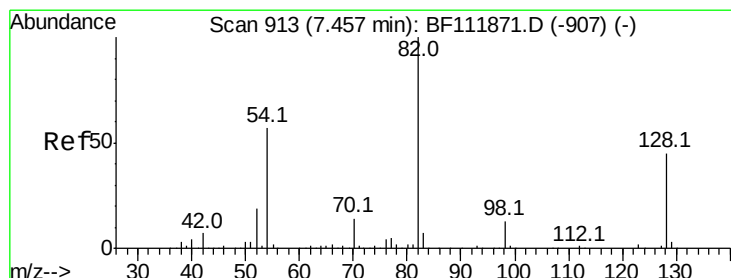
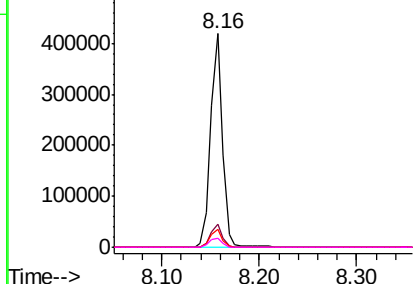
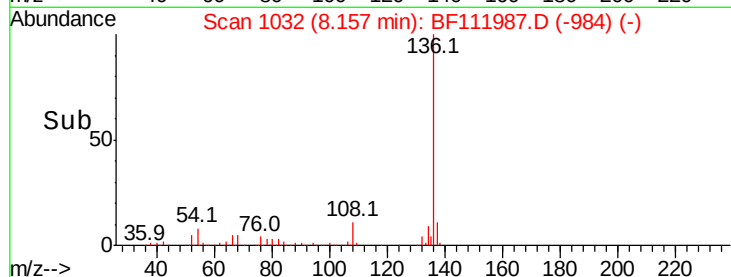
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF111987.D
Acq: 10 Jan 2019 15:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	354180
Ion Ratio	Lower	Upper
136	100	
137	10.7	9.1 13.7
54	8.3	7.2 10.8
68	4.5	4.4 6.6

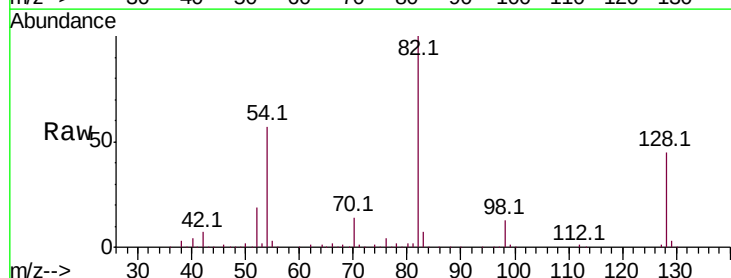


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

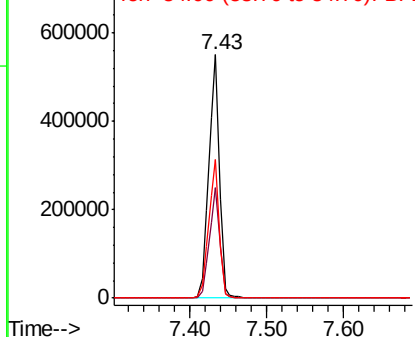
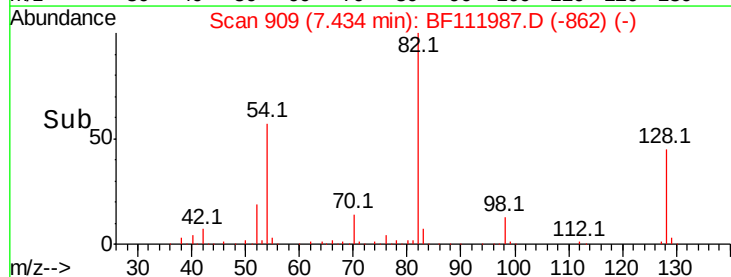


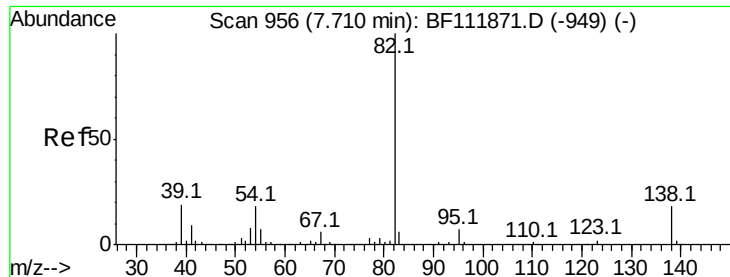
#23
Nitrobenzene-d5
Concen: 78.717 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF111987.D
Acq: 10 Jan 2019 15:11

Tgt Ion: 82	Resp:	521652
Ion Ratio	Lower	Upper
82	100	
128	45.3	35.7 53.5
54	56.9	45.8 68.8



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: 48.611 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.28 min

Lab File: BF111987.D

Acq: 10 Jan 2019 15:11

Instrument :

BNA_F

ClientSampleId :

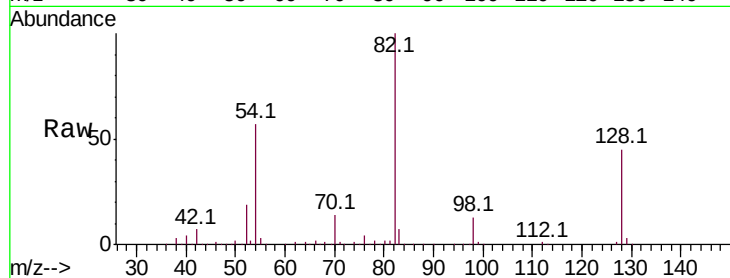
Tot Ion: 82 Resp: 521647

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

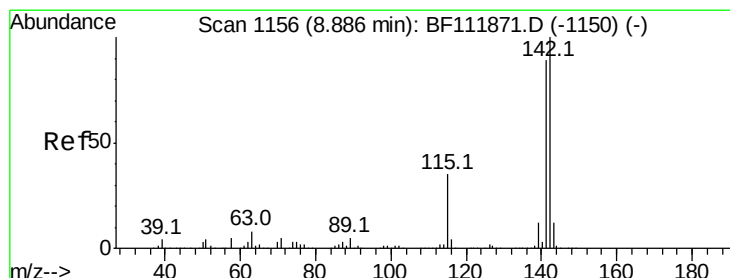
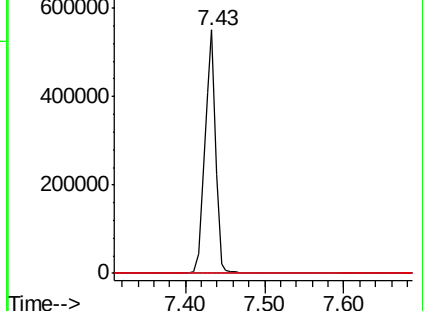
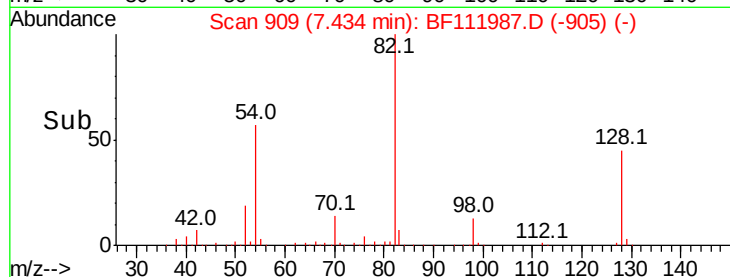
138 0.0 14.4 21.6#



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



#37

2-Methylnaphthalene

Concen: 4.682 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.02 min

Lab File: BF111987.D

Acq: 10 Jan 2019 15:11

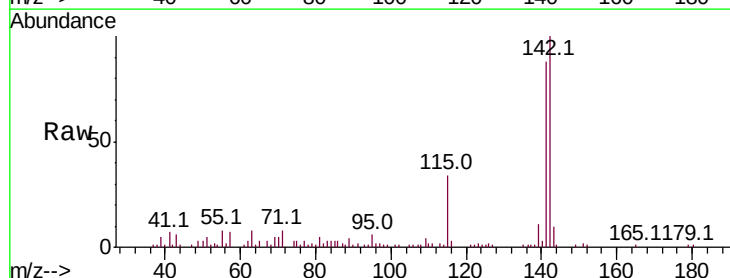
Tgt Ion: 142 Resp: 48774

Ion Ratio Lower Upper

142 100

141 87.9 71.4 107.2

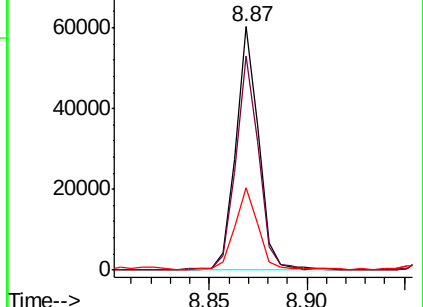
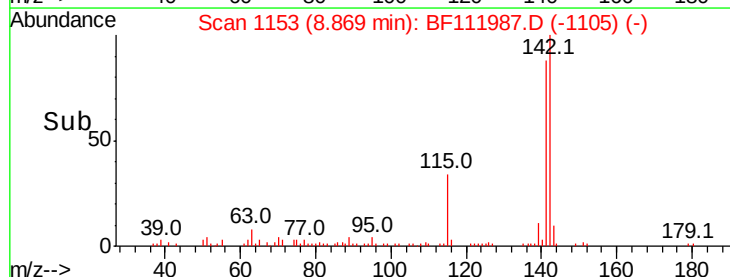
115 33.9 28.3 42.5

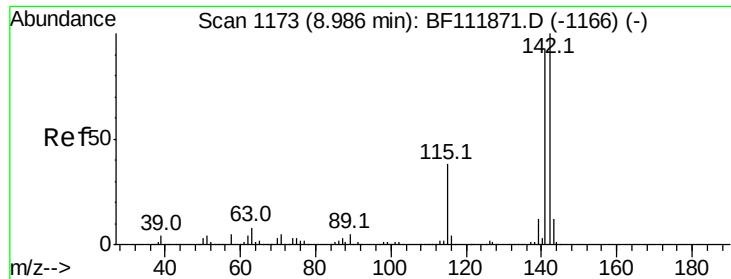


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

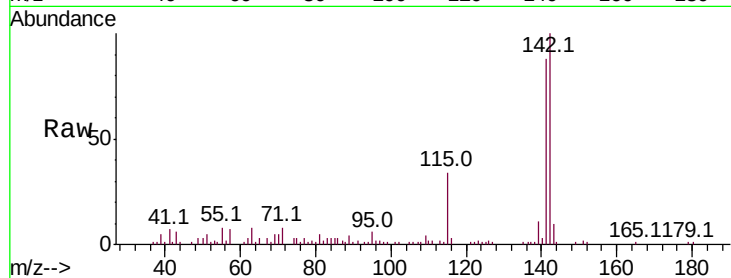




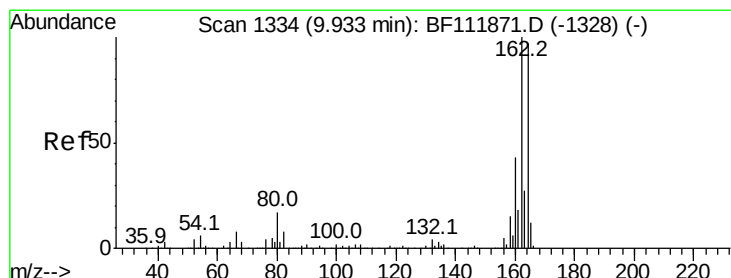
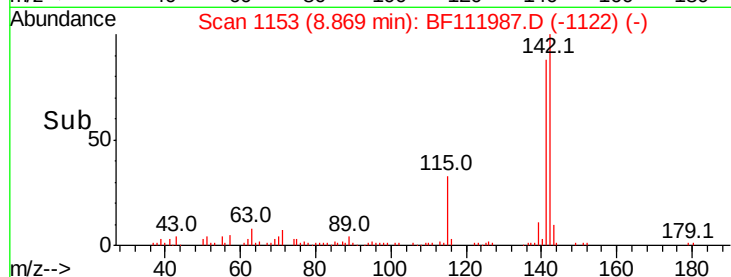
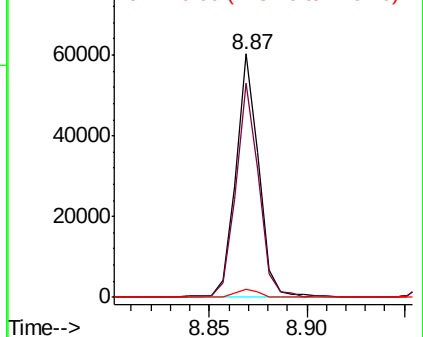
#38
1-Methylnaphthalene
Concen: 4.881 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.12 min
Lab File: BF111987.D
Acq: 10 Jan 2019 15:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 48774
Ion Ratio Lower Upper
142 100
141 87.9 74.8 112.2
116 3.2 3.1 4.7

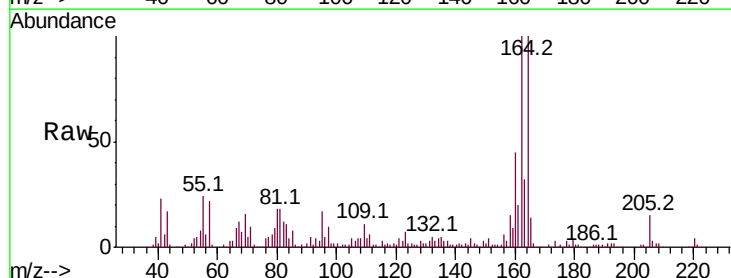


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

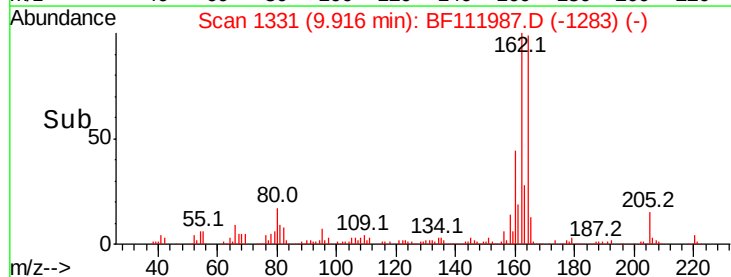
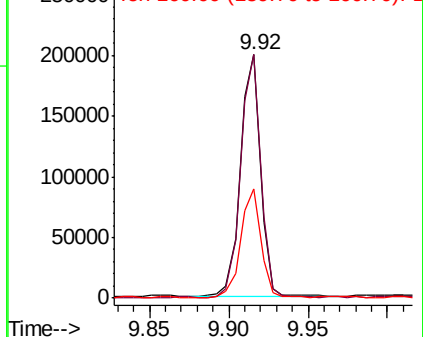


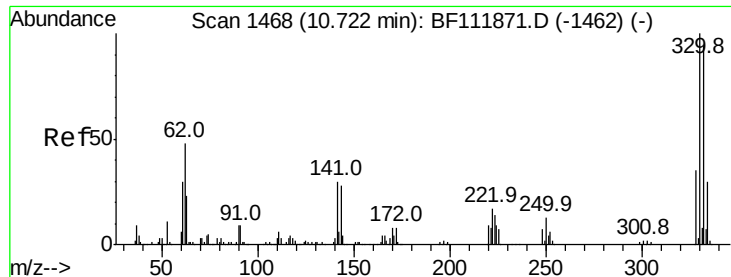
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF111987.D
Acq: 10 Jan 2019 15:11

Tgt Ion:164 Resp: 174317
Ion Ratio Lower Upper
164 100
162 100.2 82.2 123.2
160 44.8 35.5 53.3



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: 94.732 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF111987.D

Acq: 10 Jan 2019 15:11

Instrument :

BNA_F

ClientSampleId :

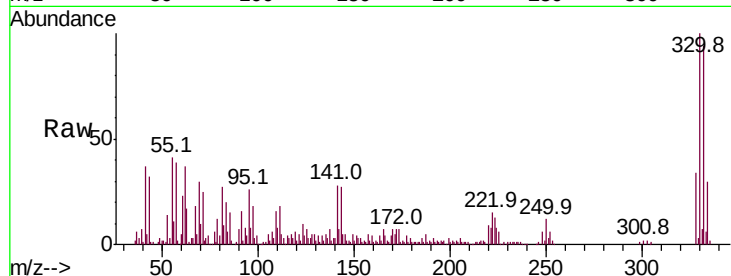
Tot Ion:330 Resp: 214790

Ion Ratio Lower Upper

330 100

332 95.4 76.9 115.3

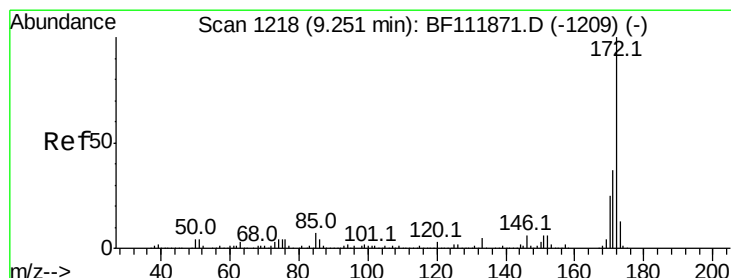
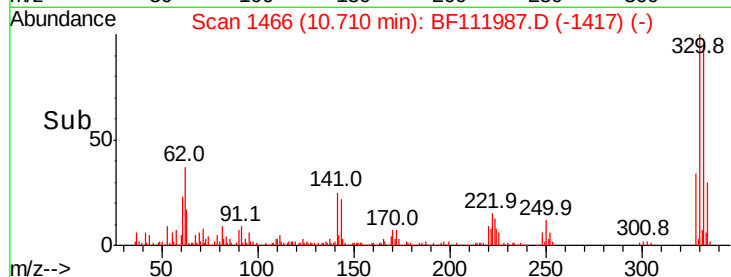
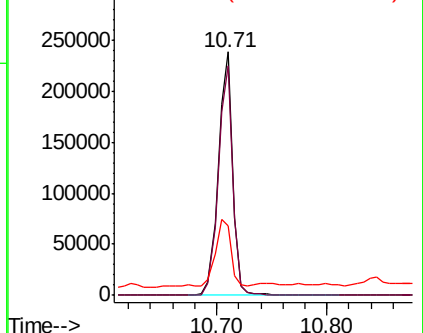
141 31.5 23.7 35.5



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: 82.429 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.02 min

Lab File: BF111987.D

Acq: 10 Jan 2019 15:11

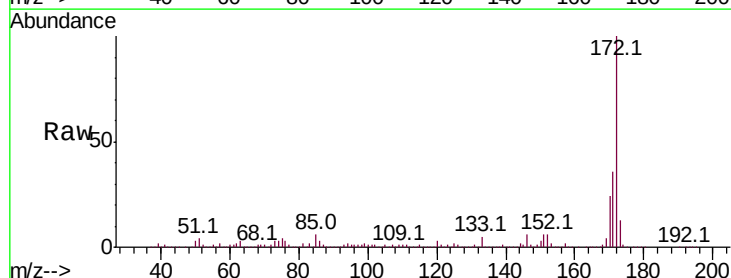
Tgt Ion:172 Resp: 985372

Ion Ratio Lower Upper

172 100

171 36.1 29.6 44.4

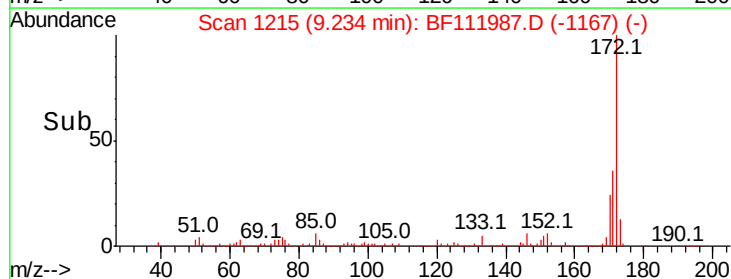
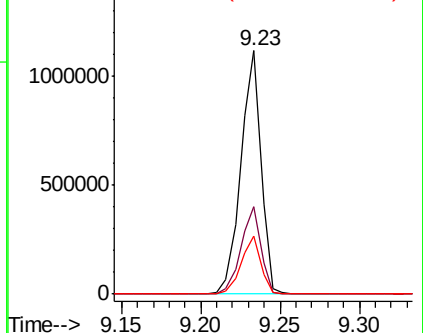
170 23.9 19.8 29.8

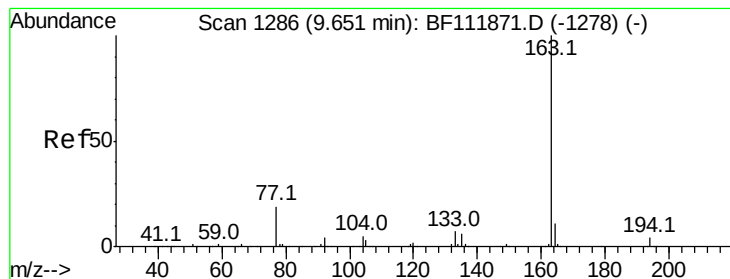


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 5.726 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.03 min

Lab File: BF111987.D

Acq: 10 Jan 2019 15:11

Instrument :

BNA_F

ClientSampled :

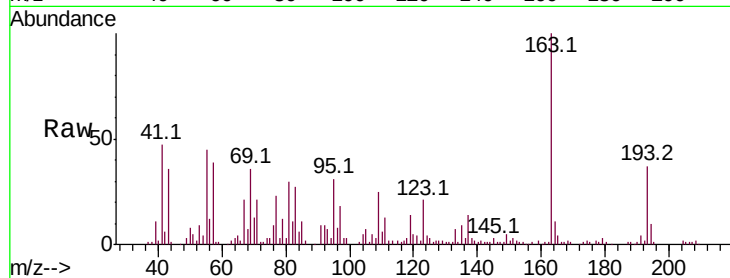
Tot Ion:163 Resp: 74978

Ion Ratio Lower Upper

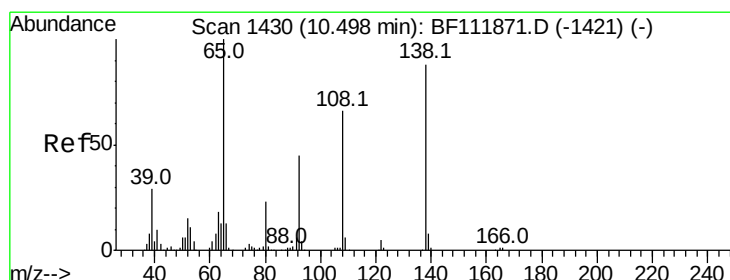
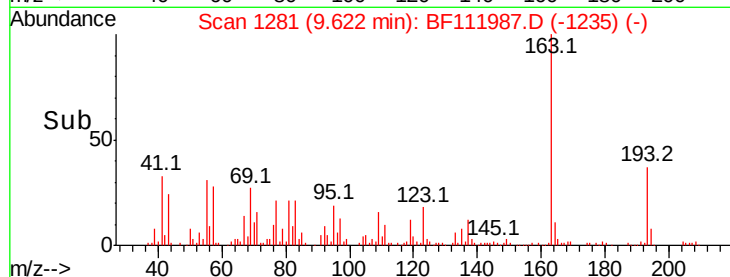
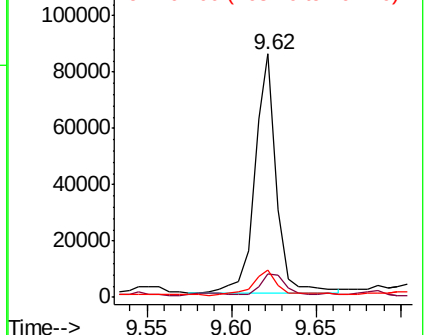
163 100

194 9.7 3.4 5.2#

164 11.0 8.5 12.7



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



#62

4-Nitroaniline

Concen: 2.547 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.12 min

Lab File: BF111987.D

Acq: 10 Jan 2019 15:11

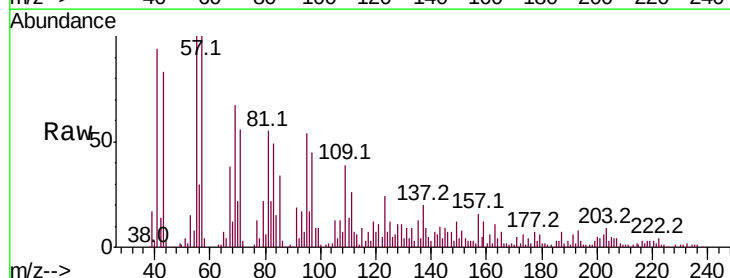
Tgt Ion:138 Resp: 7575

Ion Ratio Lower Upper

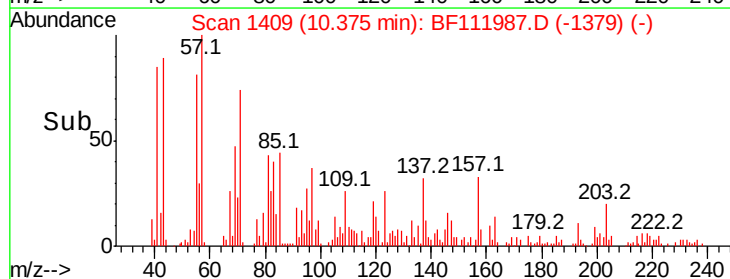
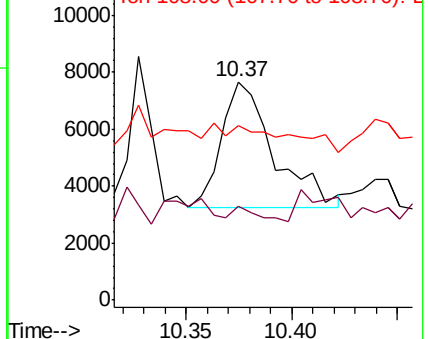
138 100

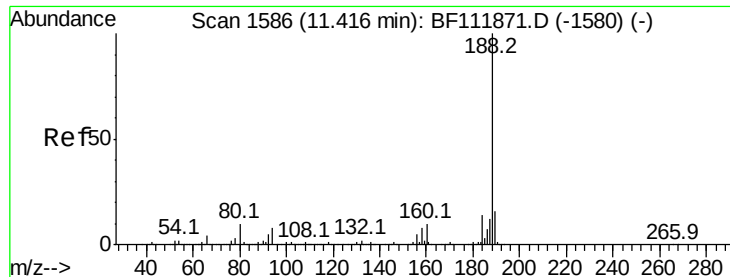
92 43.1 31.0 71.0

108 79.9 54.7 94.7



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF111987.D

Acq: 10 Jan 2019 15:11

Instrument :

BNA_F

ClientSampleId :

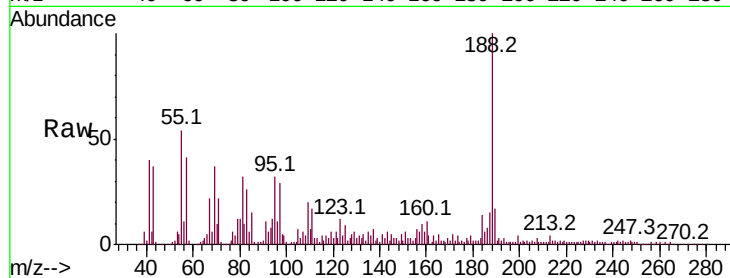
Tot Ion:188 Resp: 266143

Ion Ratio Lower Upper

188 100

94 11.9 6.6 10.0#

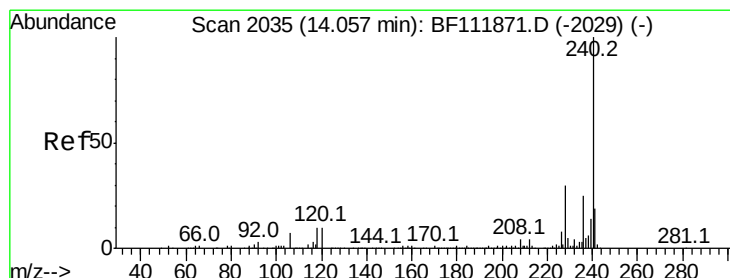
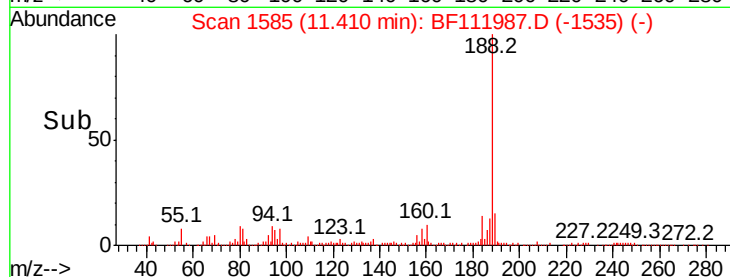
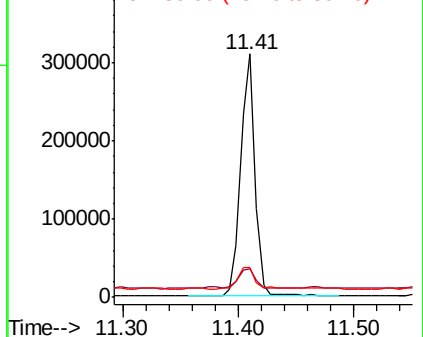
80 12.1 7.7 11.5#



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.02 min

Lab File: BF111987.D

Acq: 10 Jan 2019 15:11

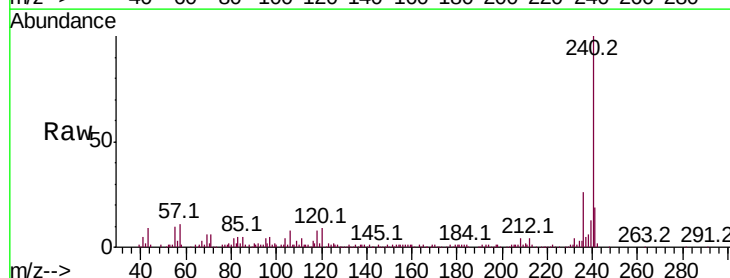
Tgt Ion:240 Resp: 128390

Ion Ratio Lower Upper

240 100

120 8.8 8.2 12.2

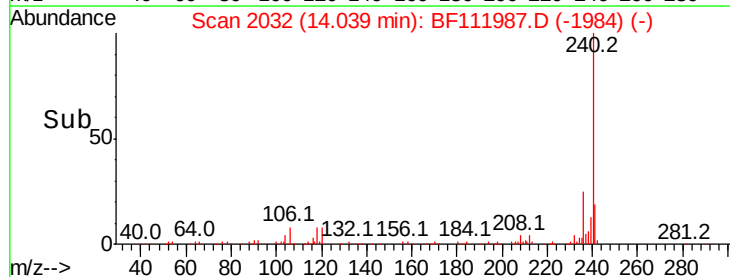
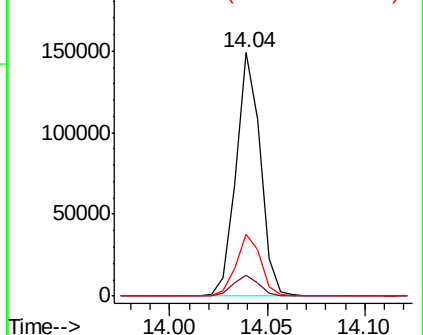
236 25.6 20.2 30.4

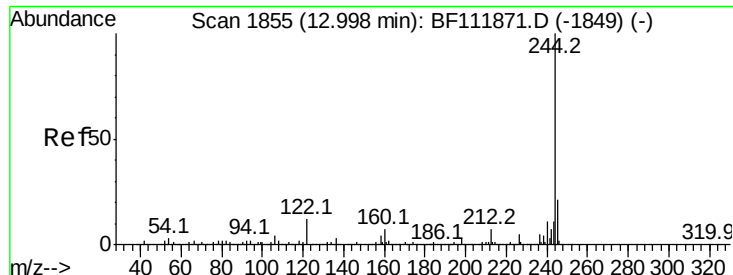


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

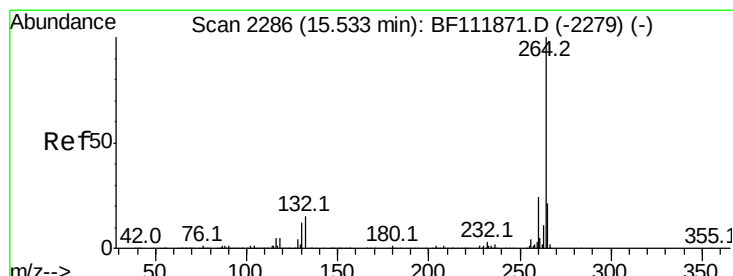
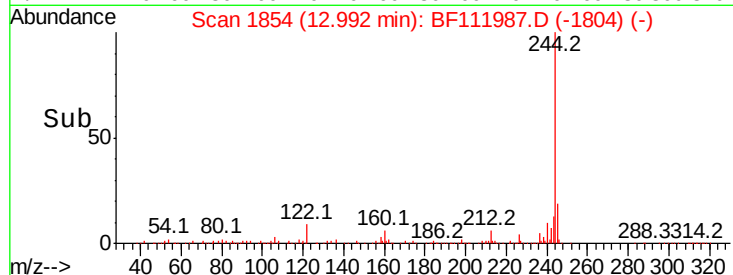
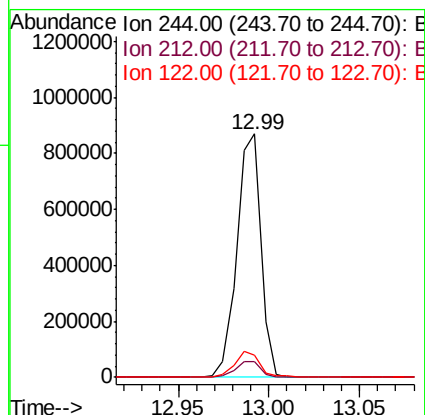
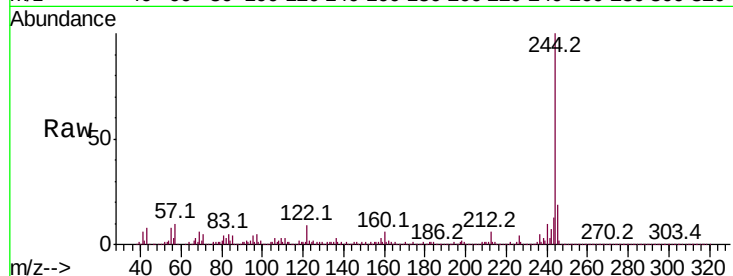




#79
 Terphenyl-d14
 Concen: 118.541 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF111987.D
 Acq: 10 Jan 2019 15:11

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.8	8.8
122	9.0	9.5	14.3



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2283
 Delta R.T. -0.02 min
 Lab File: BF111987.D
 Acq: 10 Jan 2019 15:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	21.1	17.1	25.7

