

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
 Data File : BF112013.D
 Acq On : 11 Jan 2019 14:18
 Operator : JU/SJ
 Sample : K1102-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 11 21:21:50 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

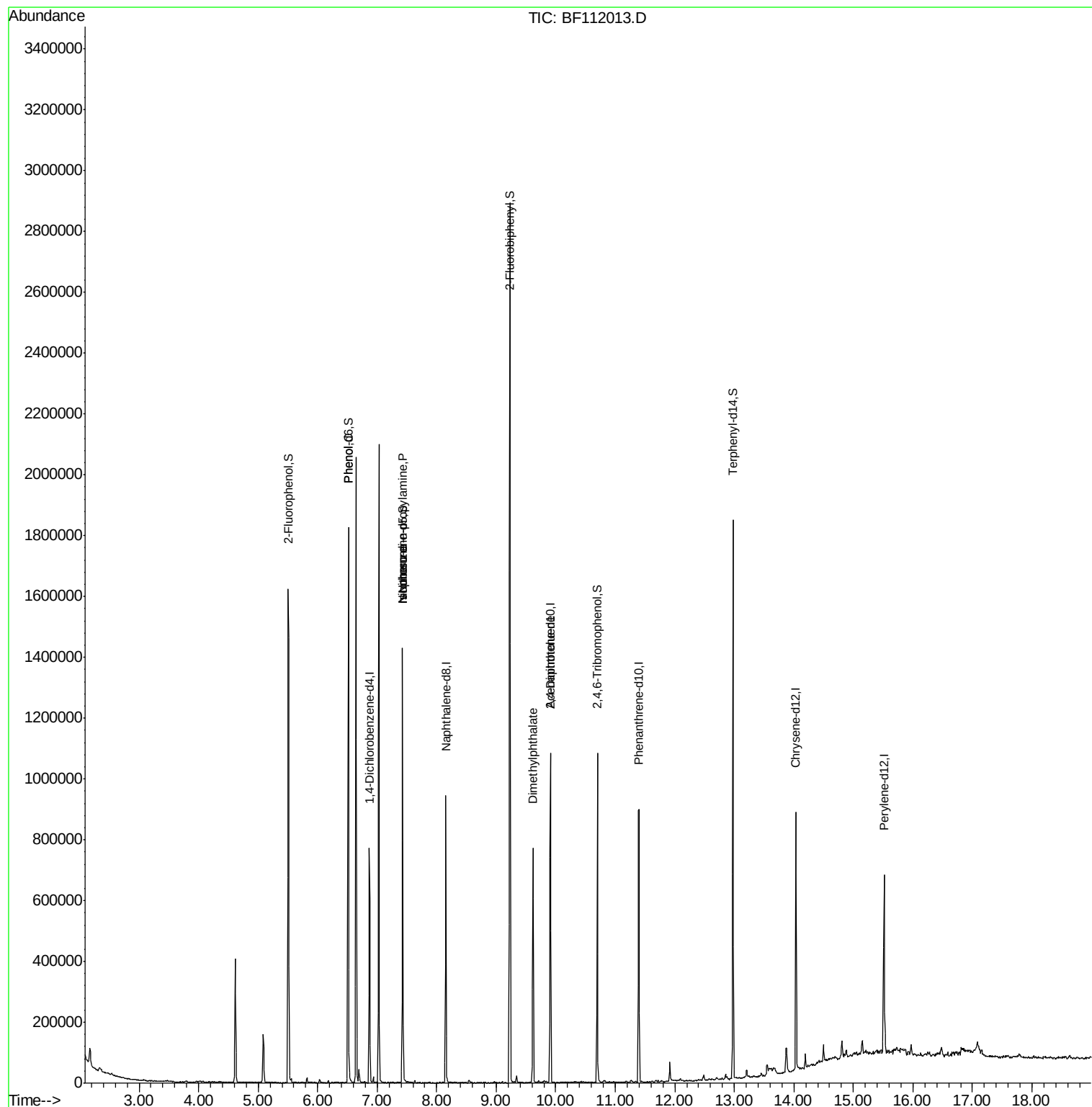
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	108251	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	414495	20.00	ng	-0.02
39) Acenaphthene-d10	9.91	164	202420	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	352044	20.00	ng	-0.02
76) Chrysene-d12	14.03	240	277067	20.00	ng	-0.02
87) Perylene-d12	15.52	264	289778	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	435684	68.86	ng	-0.02
7) Phenol-d6	6.52	99	632808	77.59	ng	-0.02
23) Nitrobenzene-d5	7.43	82	486802	62.77	ng	-0.03
42) 2,4,6-Tribromophenol	10.70	330	126368	48.00	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	841338	60.61	ng	-0.02
79) Terphenyl-d14	12.98	244	644353	44.15	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.52	77	999	Below Cal	Qvalue	# 1
10) Phenol	6.52	94	19658	2.218 ng		89
19) n-Nitroso-di-n-propylamine	7.43	70	65009	12.269 ng	#	76
25) Isophorone	7.43	82	486799	38.762 ng	#	65
50) Dimethylphthalate	9.62	163	304090	19.998 ng		99
57) 2,4-Dinitrotoluene	9.91	165	26291	5.984 ng	#	26

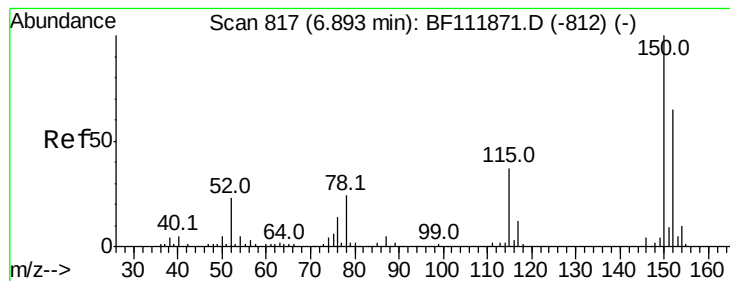
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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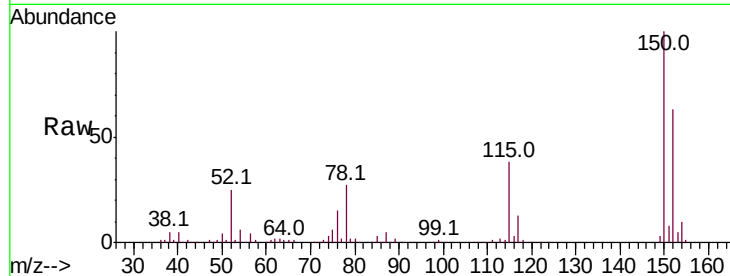


#1

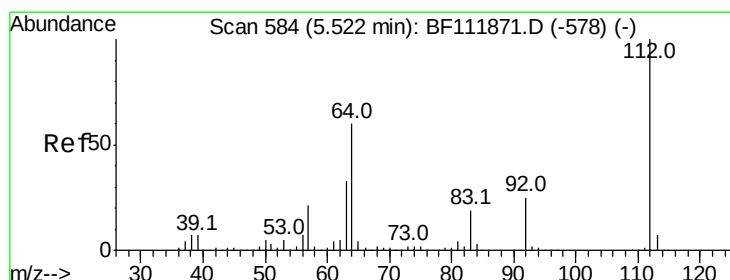
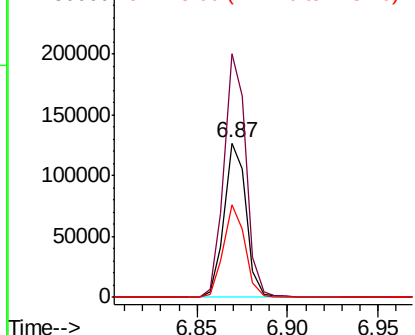
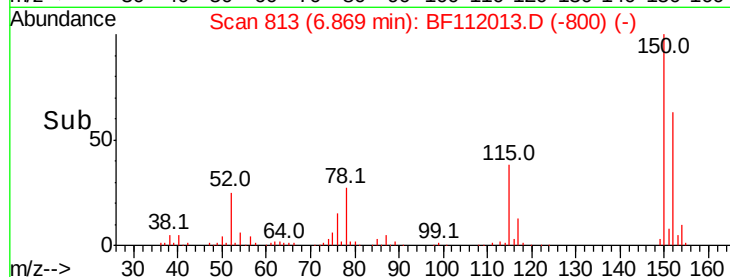
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.02 min
Lab File: BF112013.D
Acq: 11 Jan 2019 14:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 108251
Ion Ratio Lower Upper
152 100
150 157.6 122.7 184.1
115 59.7 45.2 67.8



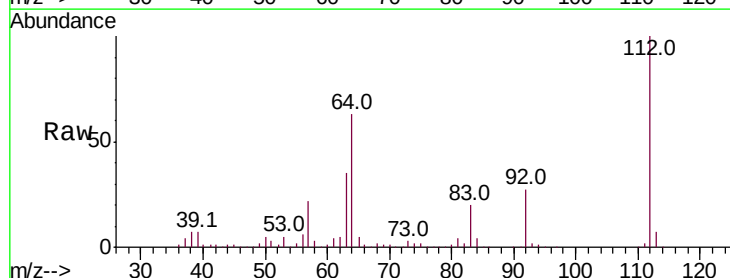
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



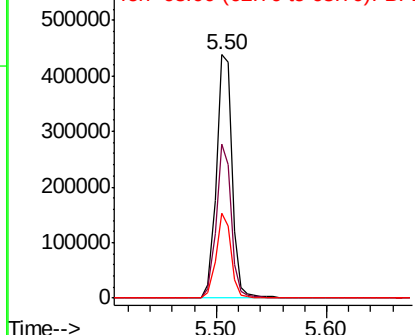
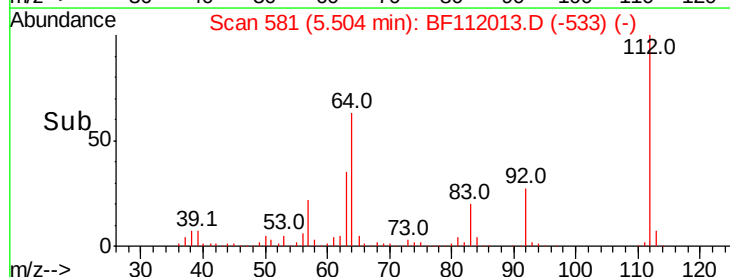
#5

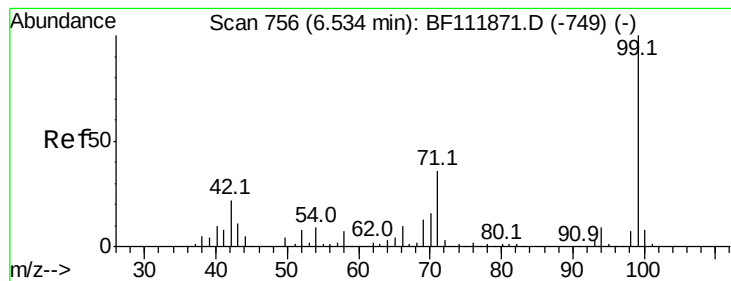
2-Fluorophenol
Concen: 68.856 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.02 min
Lab File: BF112013.D
Acq: 11 Jan 2019 14:18

Tgt Ion:112 Resp: 435684
Ion Ratio Lower Upper
112 100
64 63.4 48.3 72.5
63 35.0 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: 77.594 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF112013.D

Acq: 11 Jan 2019 14:18

Instrument :

BNA_F

ClientSampleId :

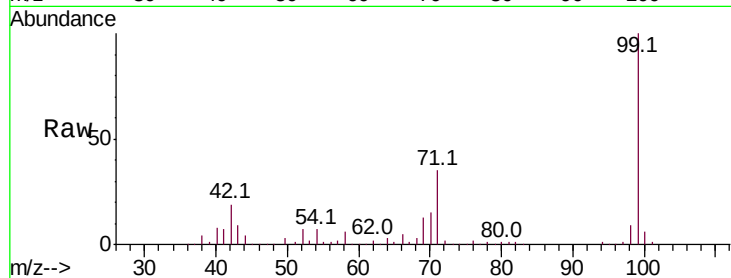
Tot Ion: 99 Resp: 632808

Ion Ratio Lower Upper

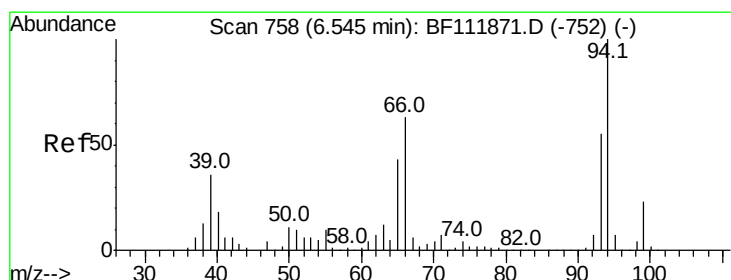
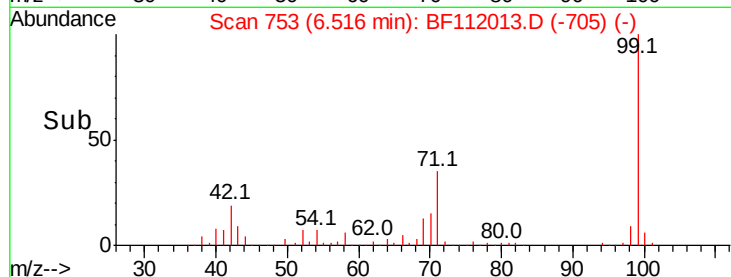
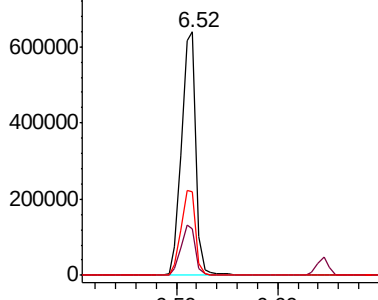
99 100

42 19.1 17.9 26.9

71 34.6 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



#10

Phenol

Concen: 2.218 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.02 min

Lab File: BF112013.D

Acq: 11 Jan 2019 14:18

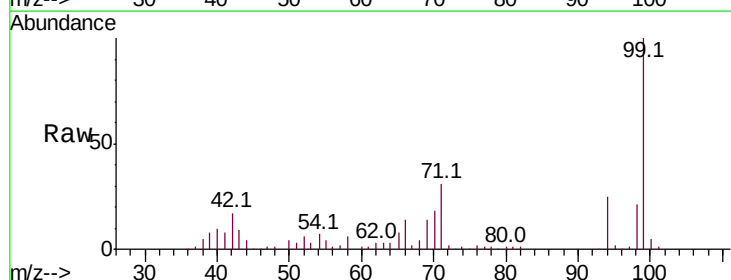
Tgt Ion: 94 Resp: 19658

Ion Ratio Lower Upper

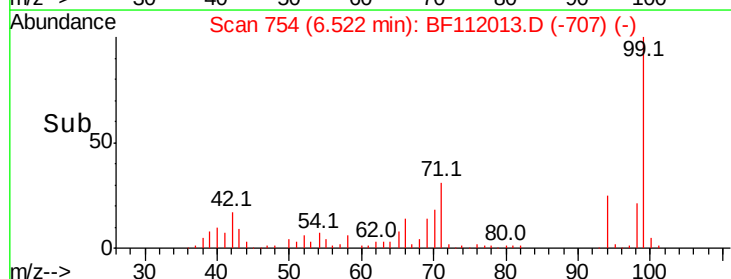
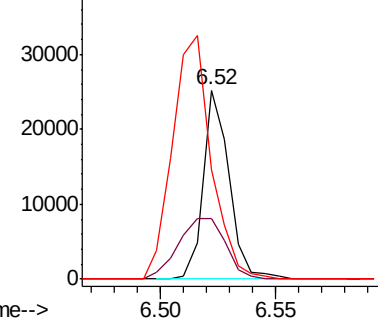
94 100

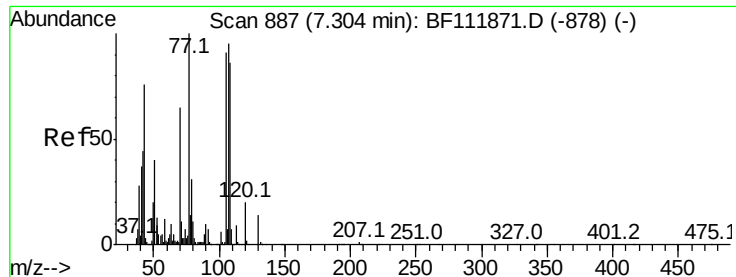
65 32.1 22.8 62.8

66 57.8 43.3 83.3



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





#19

n-Nitroso-di-n-propylamine

Concen: 12.269 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.12 min

Lab File: BF112013.D

Acq: 11 Jan 2019 14:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 65009

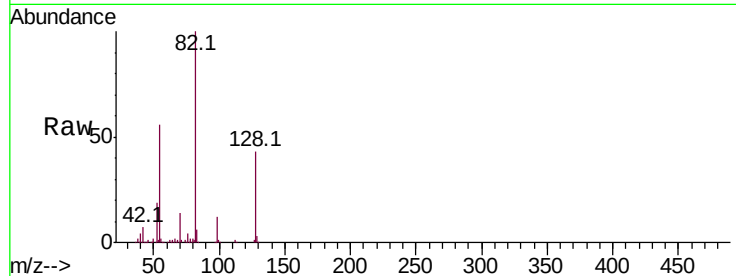
Ion Ratio Lower Upper

70 100

42 52.1 53.6 80.4#

101 0.0 7.3 10.9#

130 2.1 16.8 25.2#

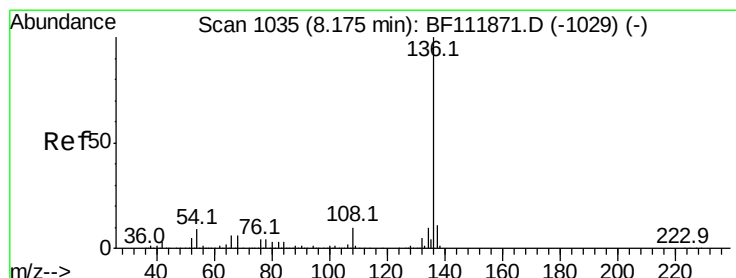
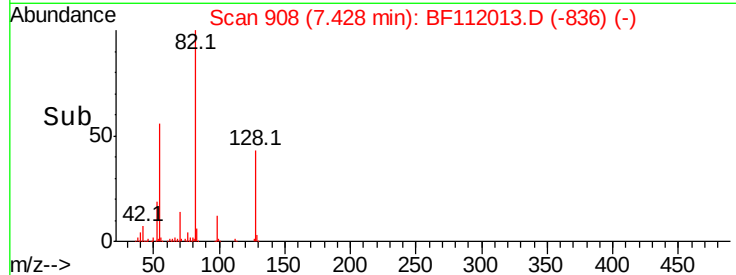
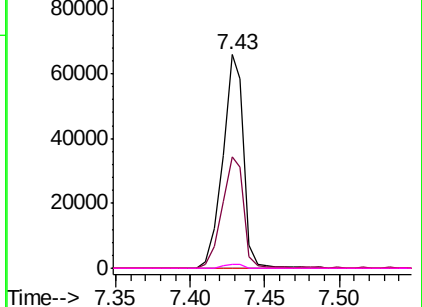


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF112013.D

Acq: 11 Jan 2019 14:18

Tgt Ion: 136 Resp: 414495

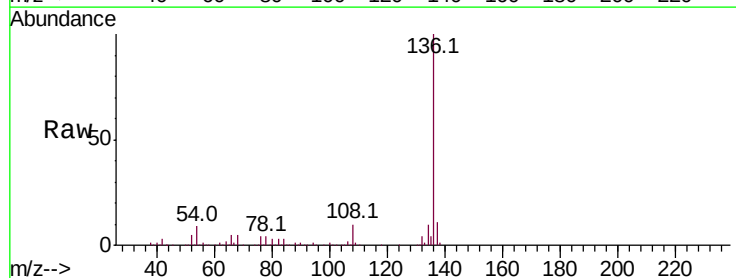
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 9.0 7.2 10.8

68 5.3 4.4 6.6

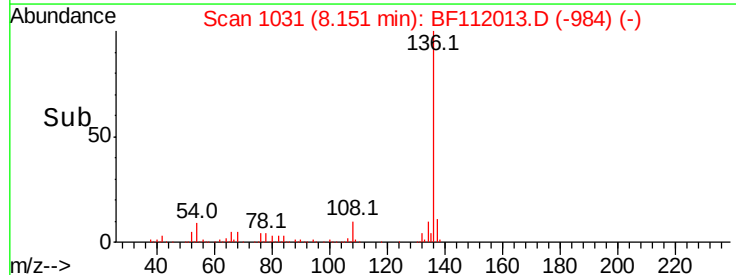
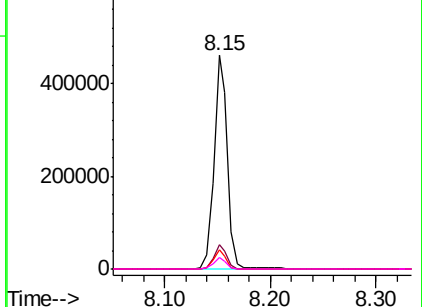


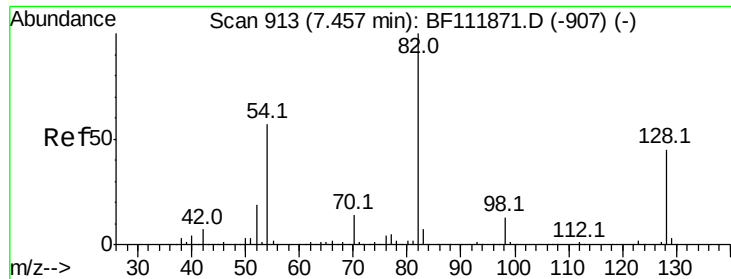
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

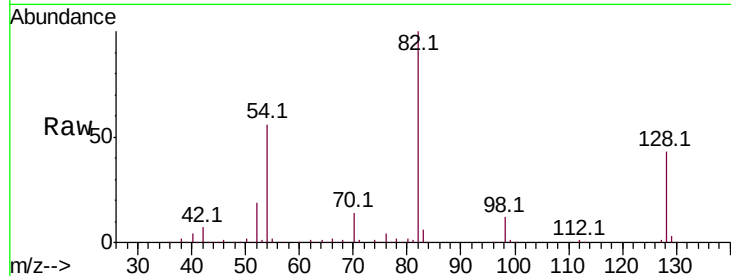




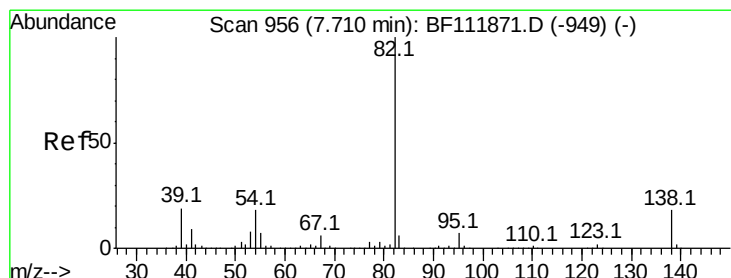
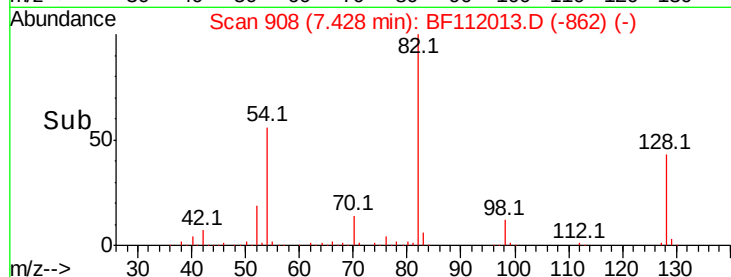
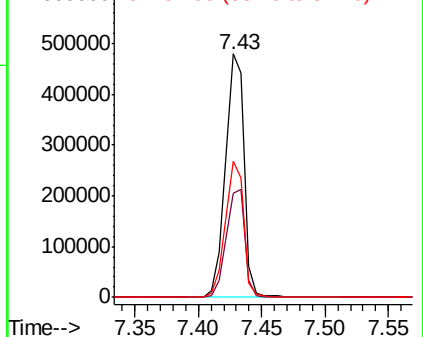
#23
 Nitrobenzene-d5
 Concen: 62.769 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.03 min
 Lab File: BF112013.D
 Acq: 11 Jan 2019 14:18

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion: 82 Resp: 486802
 Ion Ratio Lower Upper
 82 100
 128 42.8 35.7 53.5
 54 55.9 45.8 68.8

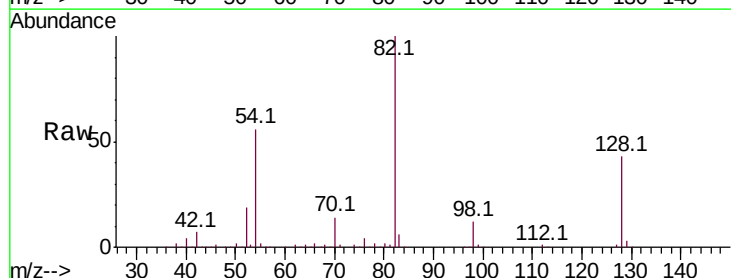


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

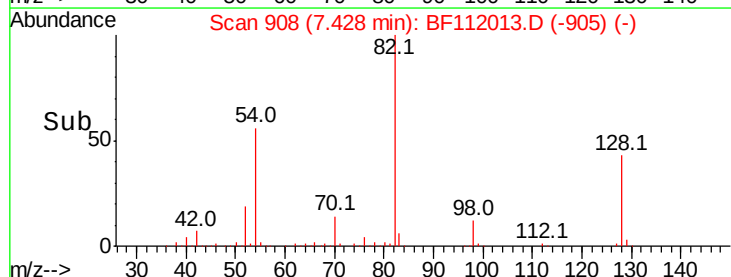
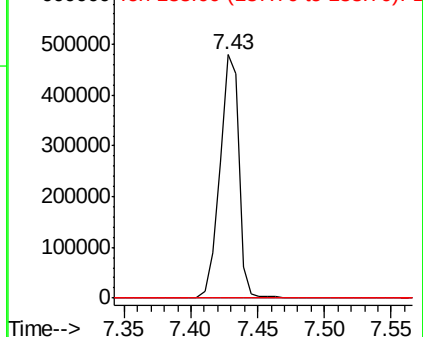


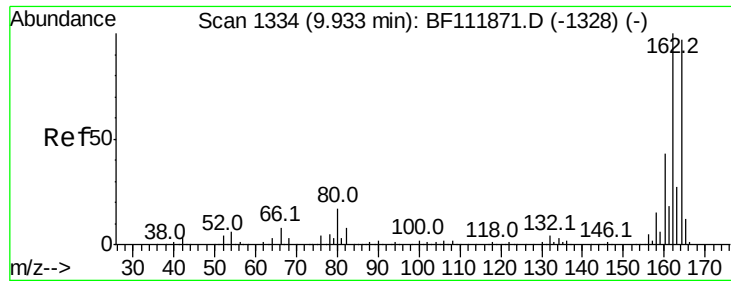
#25
 Isophorone
 Concen: 38.762 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.28 min
 Lab File: BF112013.D
 Acq: 11 Jan 2019 14:18

Tgt Ion: 82 Resp: 486799
 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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF112013.D

Acq: 11 Jan 2019 14:18

Instrument :

BNA_F

ClientSampleId :

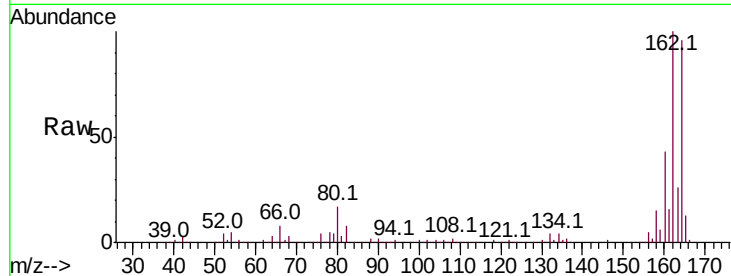
Tot Ion:164 Resp: 202420

Ion Ratio Lower Upper

164 100

162 104.7 82.2 123.2

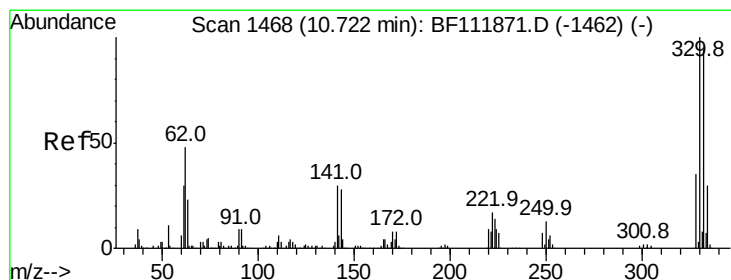
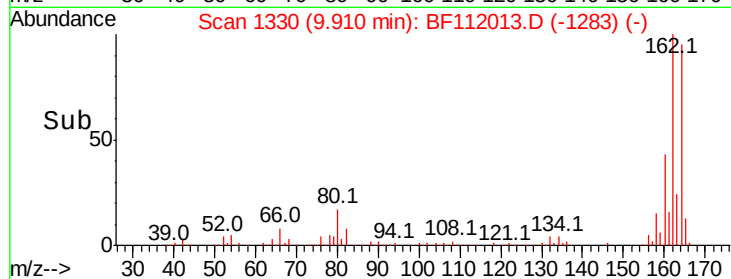
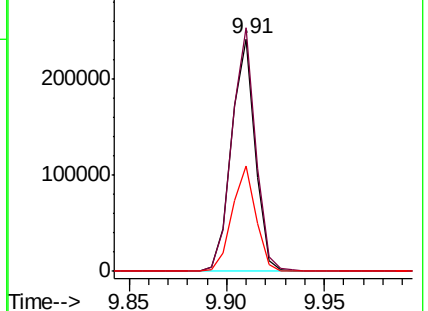
160 45.2 35.5 53.3



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: 47.996 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.02 min

Lab File: BF112013.D

Acq: 11 Jan 2019 14:18

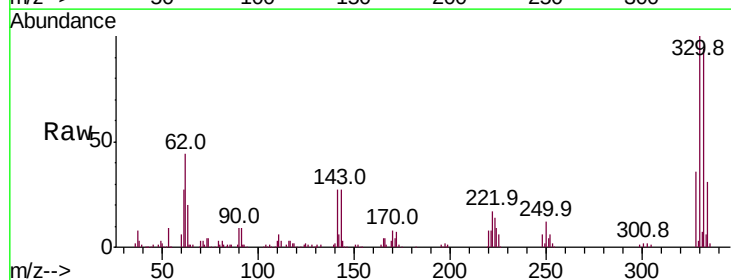
Tgt Ion:330 Resp: 126368

Ion Ratio Lower Upper

330 100

332 96.0 76.9 115.3

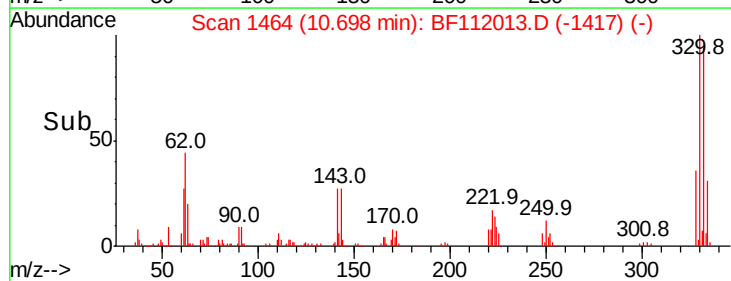
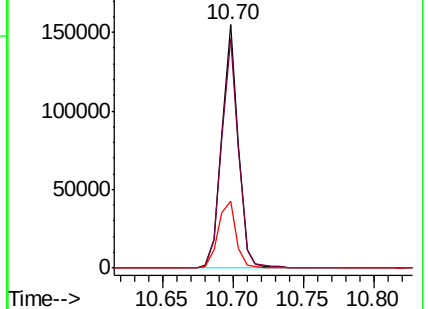
141 29.6 23.7 35.5

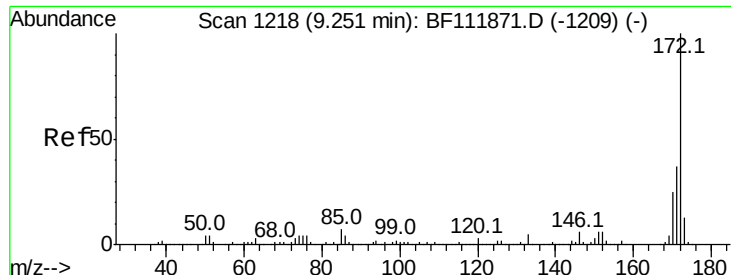


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

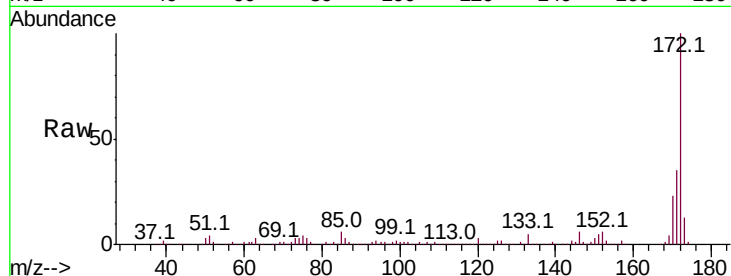




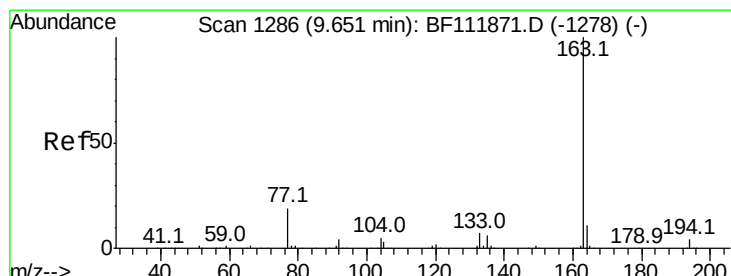
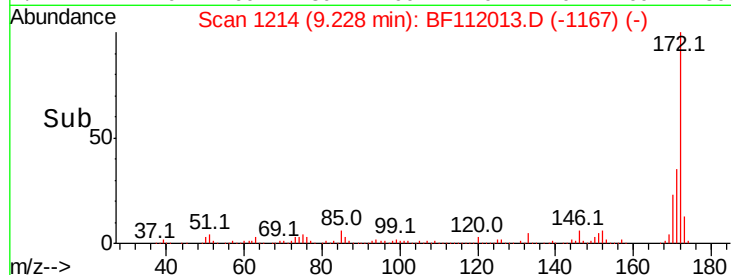
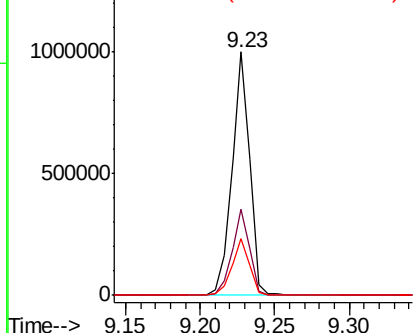
#45
2-Fluorobiphenyl
Concen: 60.609 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.02 min
Lab File: BF112013.D
Acq: 11 Jan 2019 14:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 841338
Ion Ratio Lower Upper
172 100
171 35.3 29.6 44.4
170 23.2 19.8 29.8

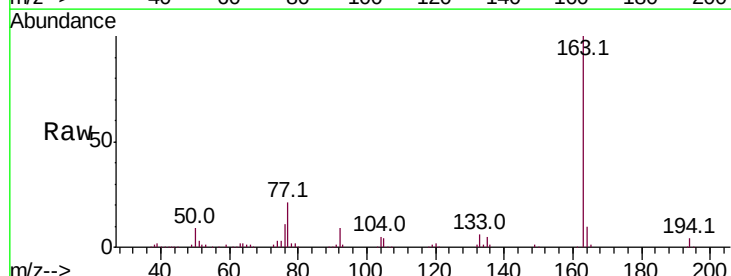


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

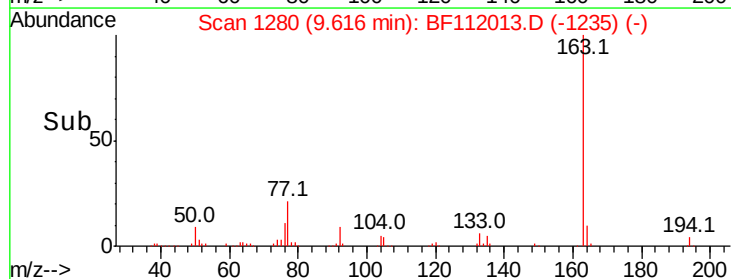
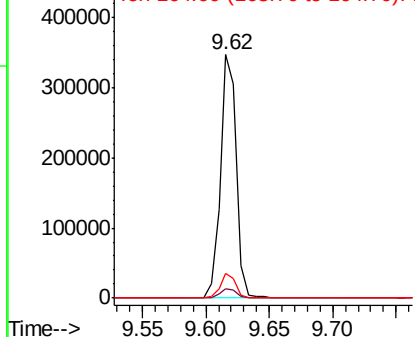


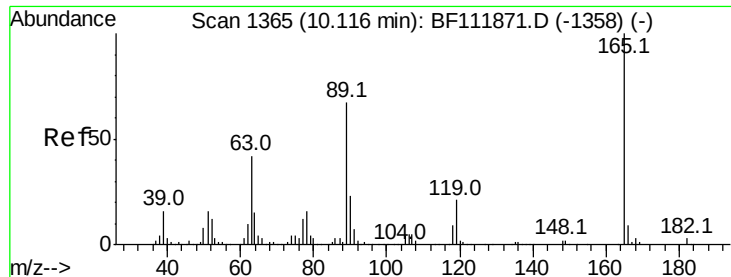
#50
Dimethylphthalate
Concen: 19.998 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.04 min
Lab File: BF112013.D
Acq: 11 Jan 2019 14:18

Tgt Ion:163 Resp: 304090
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 10.2 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





#57

2,4-Dinitrotoluene

Concen: 5.984 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.21 min

Lab File: BF112013.D

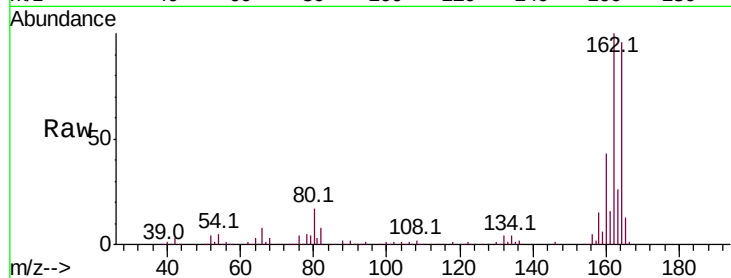
Acq: 11 Jan 2019 14:18

Instrument :

BNA_F

ClientSampled :

Tot Ion:165	Resp:	26291
Ion Ratio	Lower	Upper
165	100	
63	1.4	34.1 51.1#
89	1.5	53.5 80.3#
182	0.0	2.0 3.0#

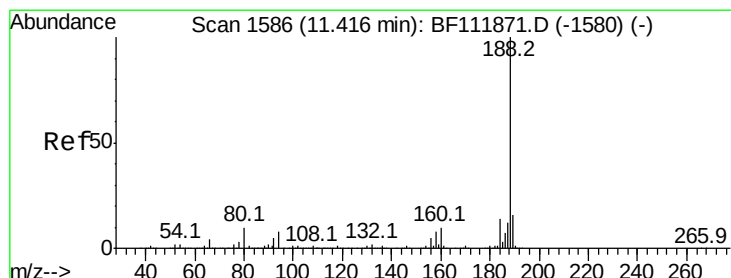
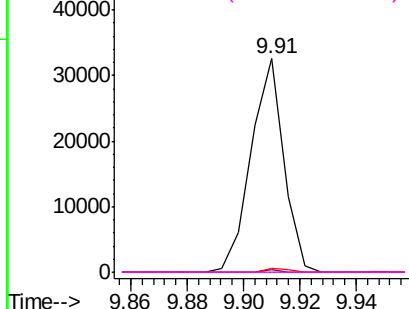
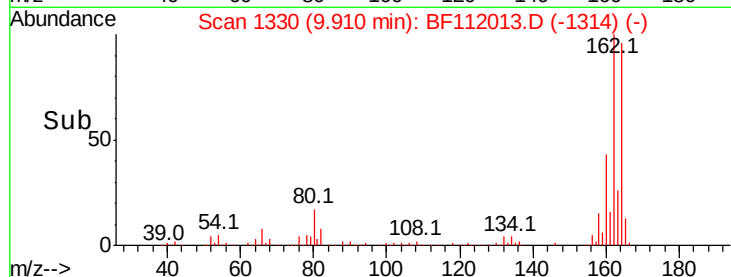


Abundance Ion 165.00 (164.70 to 165.70): E

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



#64

Phenanthrene-d10

Concen: 20.000 ng

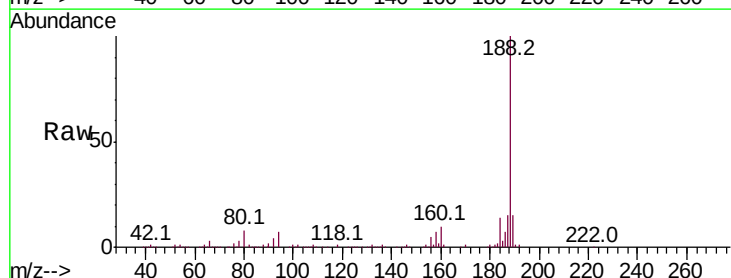
RT: 11.40 min Scan# 1583

Delta R.T. -0.02 min

Lab File: BF112013.D

Acq: 11 Jan 2019 14:18

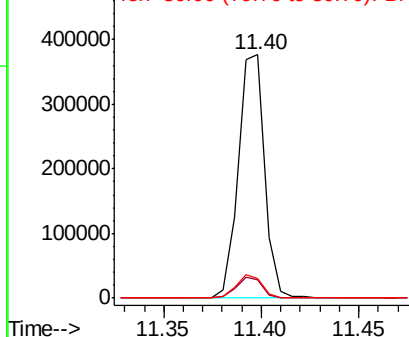
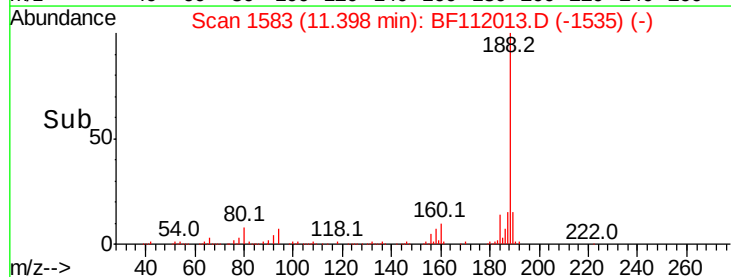
Tgt Ion:188	Resp:	352044
Ion Ratio	Lower	Upper
188	100	
94	7.5	6.6 10.0
80	8.0	7.7 11.5

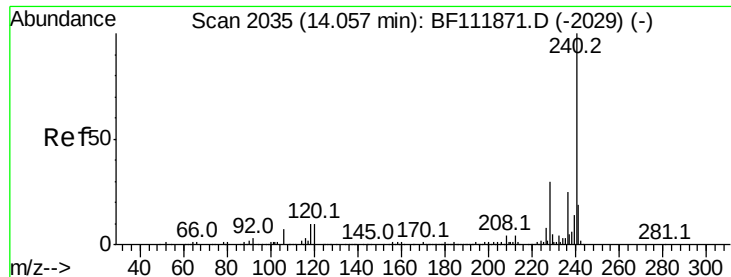


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

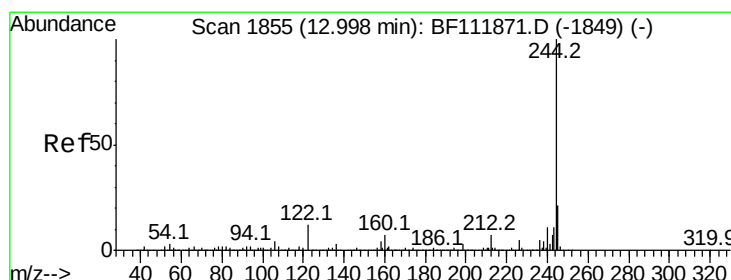
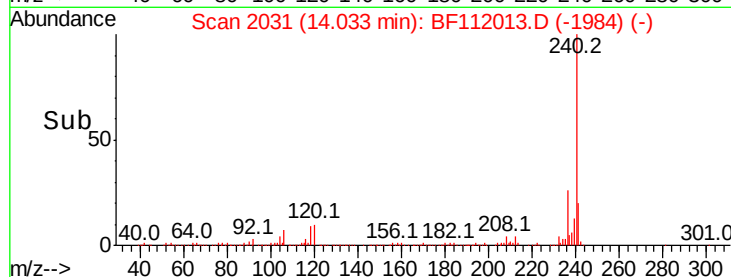
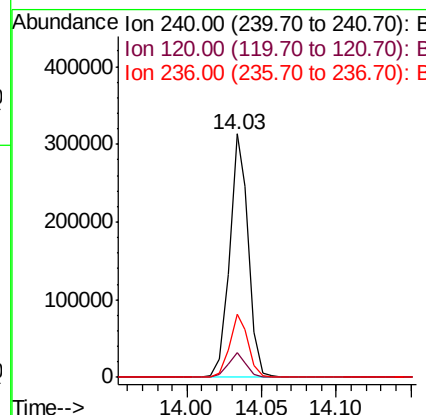
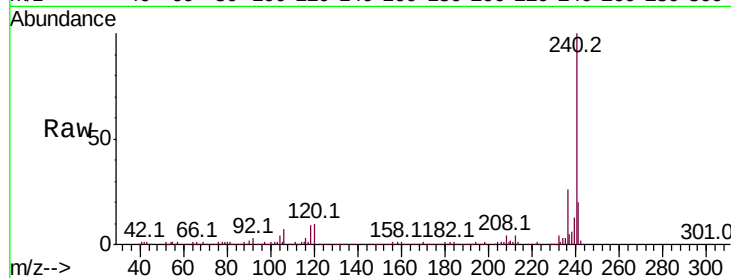




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BF112013.D
 Acq: 11 Jan 2019 14:18

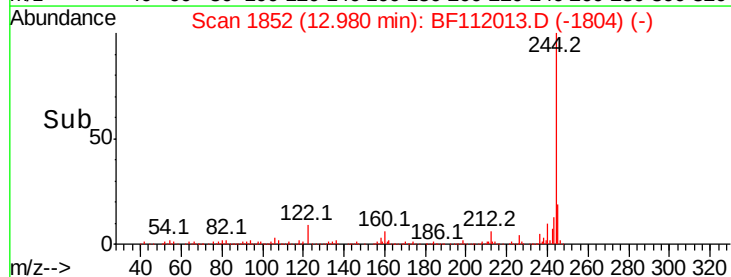
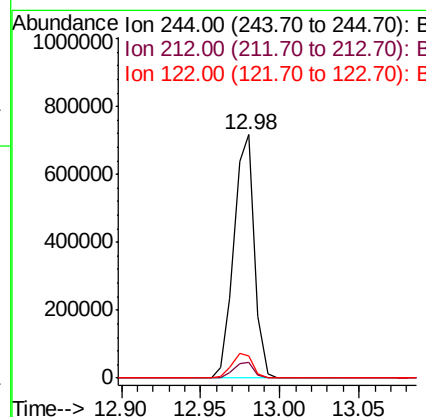
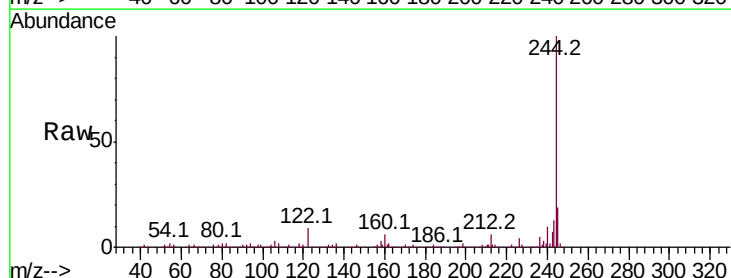
Instrument :
 BNA_F
 ClientSampleId :

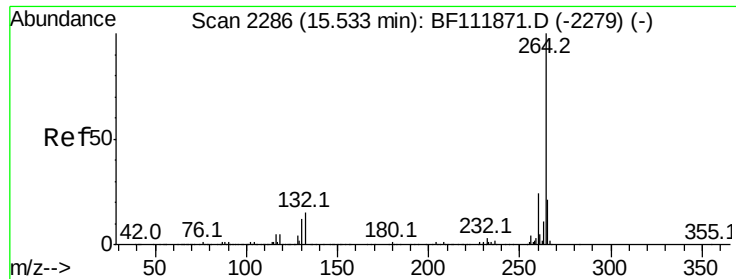
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.2	12.2
236	25.9	20.2	30.4



#79
 Terphenyl-d14
 Concen: 44.145 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.02 min
 Lab File: BF112013.D
 Acq: 11 Jan 2019 14:18

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.8	8.8
122	9.0	9.5	14.3#





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2283
 Delta R.T. -0.02 min
 Lab File: BF112013.D
 Acq: 11 Jan 2019 14:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.7	17.1	25.7

