

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031817\
 Data File : BF093742.D
 Acq On : 18 Mar 2017 9:54
 Operator : SJ/MA
 Sample : I2263-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-03132017

Quant Time: Mar 20 01:05:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 18 05:21:29 2017
 Response via : Initial Calibration

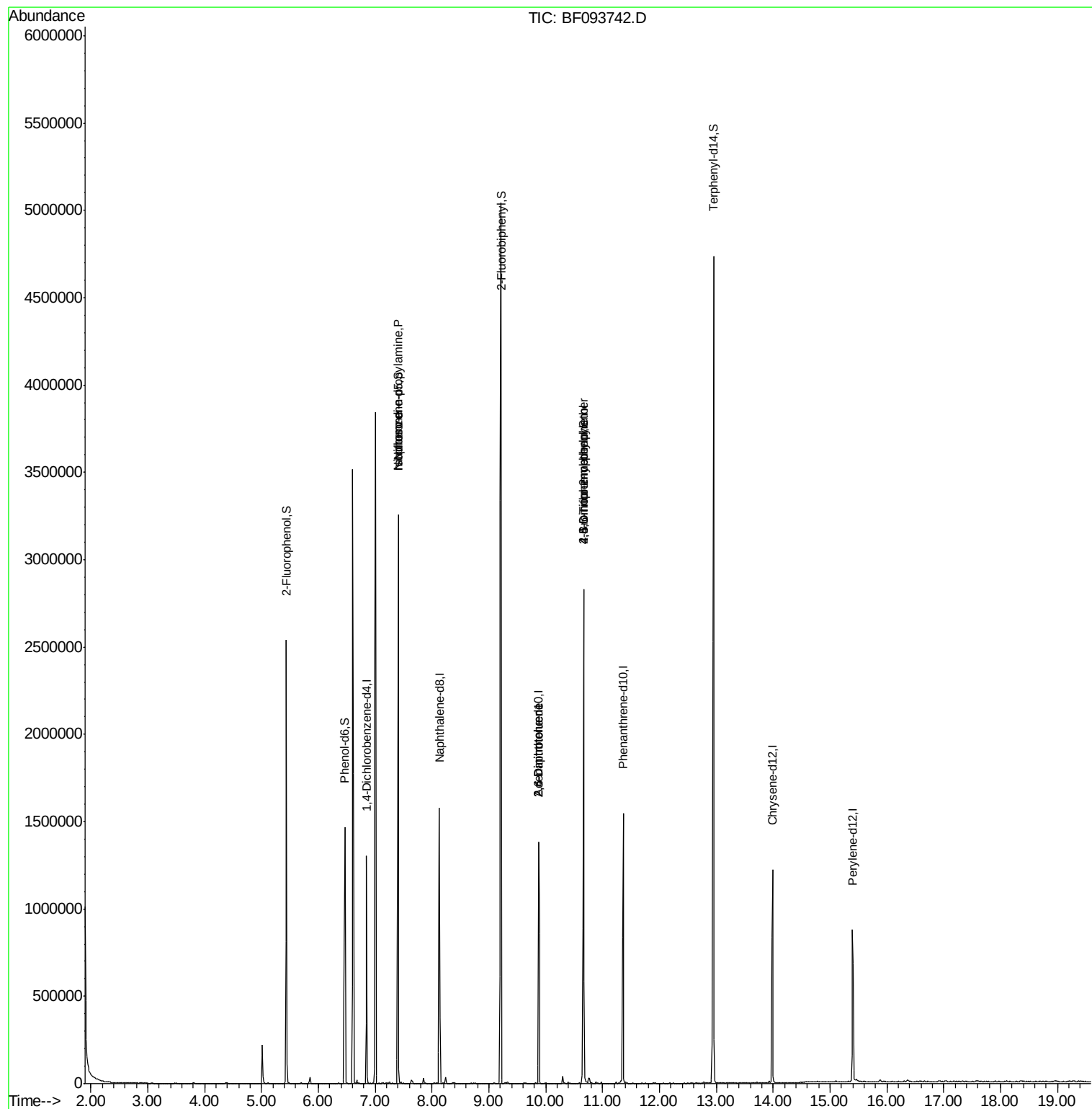
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	196189	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	723176	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	344271	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	660540	20.00	ng	0.00
75) Chrysene-d12	13.99	240	544643	20.00	ng	-0.01
86) Perylene-d12	15.40	264	435437	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	693379	58.92	ng	0.00
7) Phenol-d6	6.47	99	596657	40.91	ng	-0.01
23) Nitrobenzene-d5	7.41	82	1169088	97.03	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	343754	152.57	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	2100968	115.16	ng	0.00
78) Terphenyl-d14	12.95	244	1655366	65.42	ng	0.00
Target Compounds						
9) Benzaldehyde	6.47	77	1012	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.41	70	160548	16.58	ng	# 80
25) Isophorone	7.41	82	1138139	49.07	ng	# 67
50) 2,6-Dinitrotoluene	9.88	165	44305	9.12	ng	# 33
56) 2,4-Dinitrotoluene	9.88	165	44297	6.85	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.66	198	713	4.11	ng	# 1
66) 4-Bromophenyl-phenylether	10.66	248	23730	3.80	ng	# 1

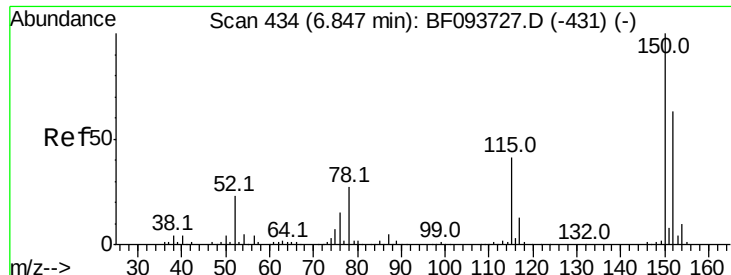
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031817\
Data File : BF093742.D
Acq On : 18 Mar 2017 9:54
Operator : SJ/MA
Sample : I2263-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FB-03132017

Quant Time: Mar 20 01:05:18 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 18 05:21:29 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF093742.D

Acq: 18 Mar 2017 9:54

Instrument :

BNA_F

ClientSampleId :

FB-03132017

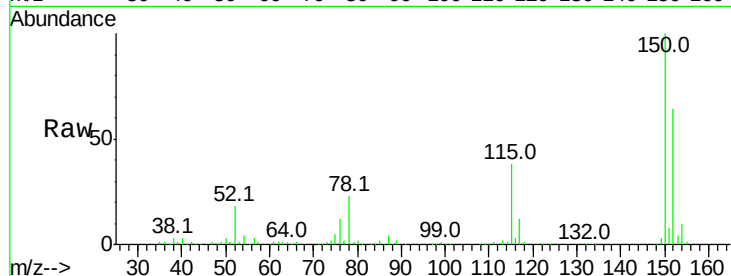
Tot Ion:152 Resp: 196189

Ion Ratio Lower Upper

152 100

150 155.2 126.2 189.2

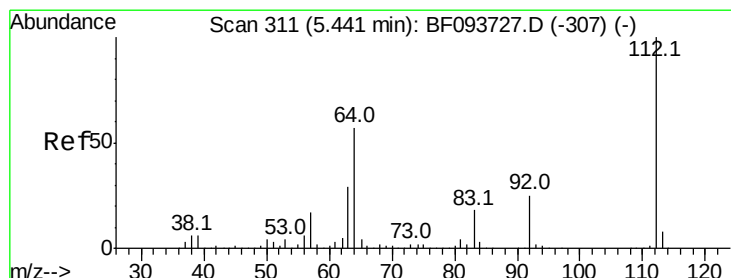
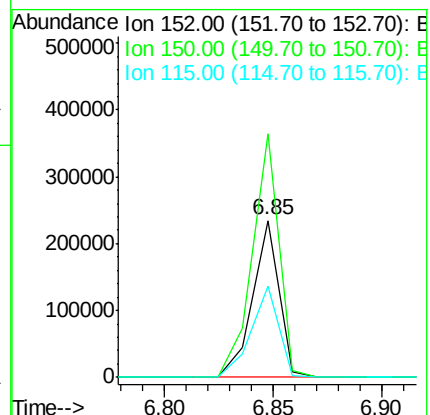
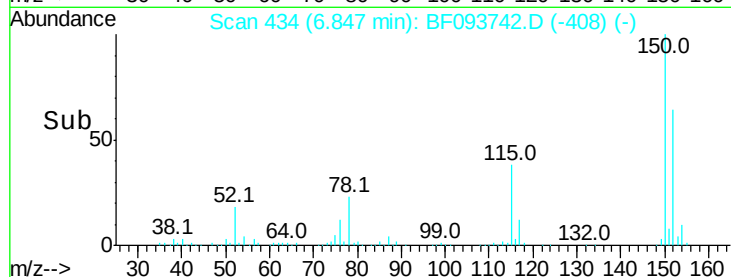
115 58.3 52.2 78.2



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: 58.92 ng

RT: 5.44 min Scan# 311

Delta R.T. 0.00 min

Lab File: BF093742.D

Acq: 18 Mar 2017 9:54

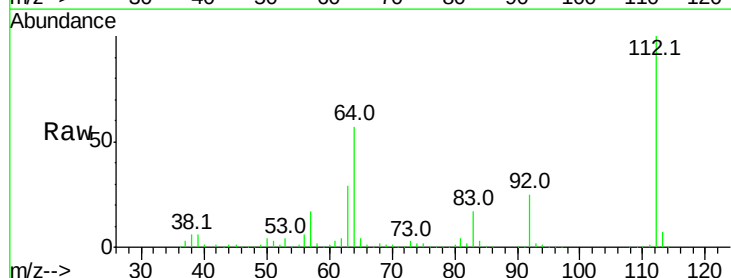
Tgt Ion:112 Resp: 693379

Ion Ratio Lower Upper

112 100

64 56.5 46.0 69.0

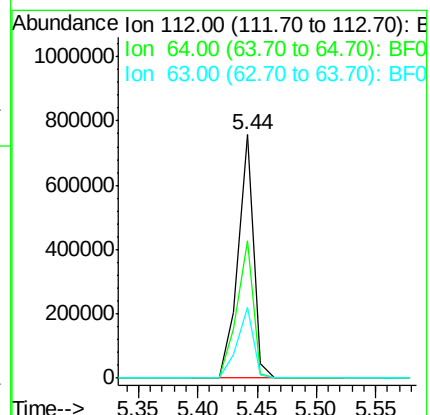
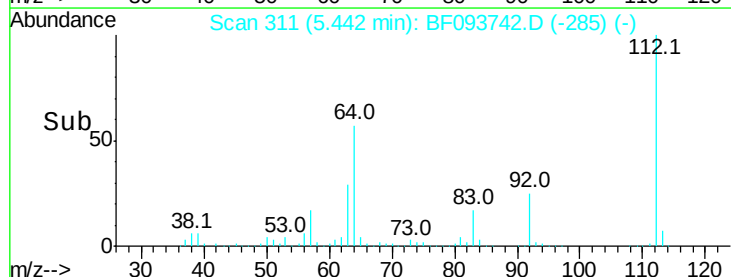
63 29.0 23.4 35.0

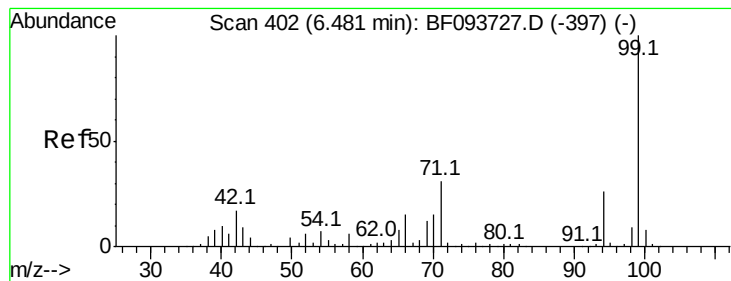


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 40.91 ng

RT: 6.47 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF093742.D

Acq: 18 Mar 2017 9:54

Instrument :

BNA_F

ClientSampleId :

FB-03132017

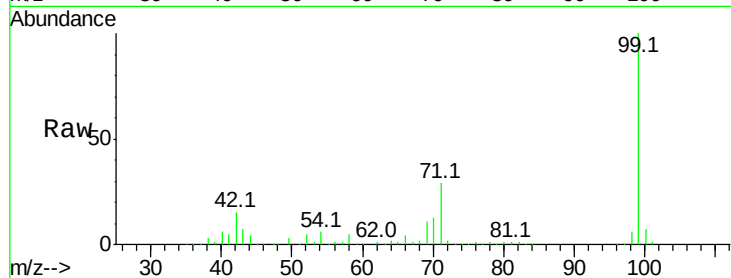
Tot Ion: 99 Resp: 596657

Ion Ratio Lower Upper

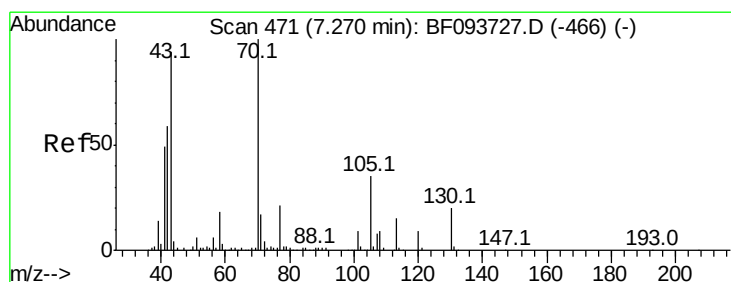
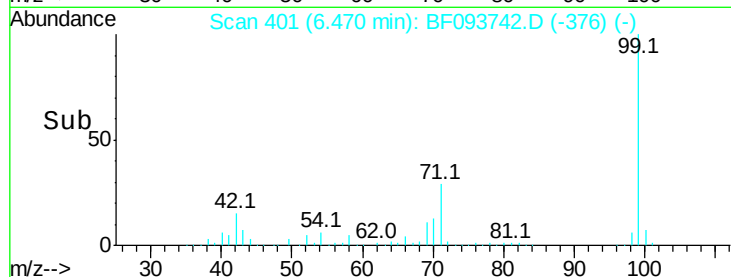
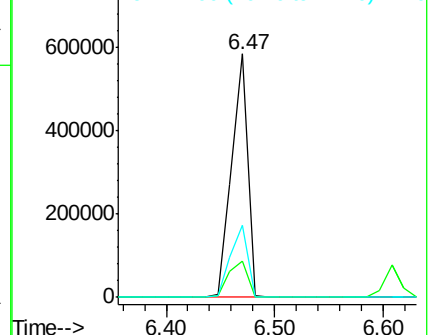
99 100

42 14.7 13.5 20.3

71 29.4 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 16.58 ng

RT: 7.41 min Scan# 483

Delta R.T. 0.14 min

Lab File: BF093742.D

Acq: 18 Mar 2017 9:54

Tgt Ion: 70 Resp: 160548

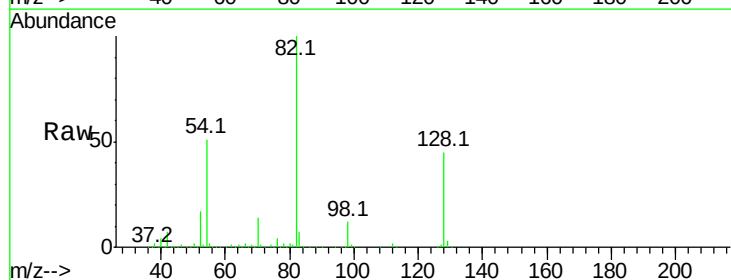
Ion Ratio Lower Upper

70 100

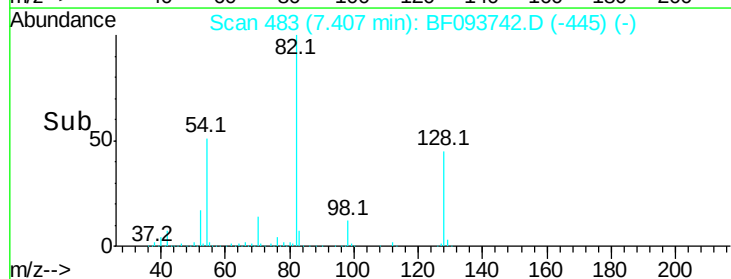
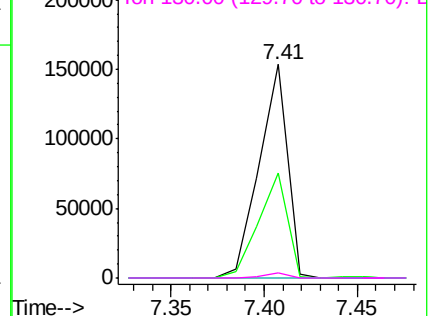
42 49.0 47.2 70.8

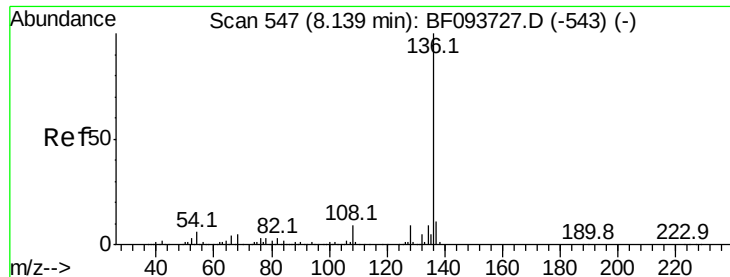
101 0.0 7.2 10.8#

130 2.1 15.9 23.9#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 546

Delta R.T. -0.01 min

Lab File: BF093742.D

Acq: 18 Mar 2017 9:54

Instrument :

BNA_F

ClientSampleId :

FB-03132017

Tot Ion:136 Resp: 723176

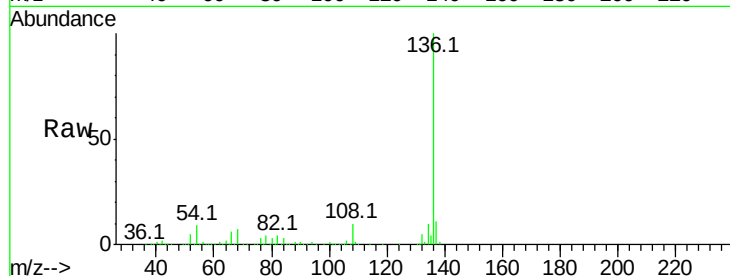
Ion Ratio Lower Upper

136 100

137 11.4 8.5 12.7

54 9.1 4.9 7.3#

68 7.1 4.1 6.1#

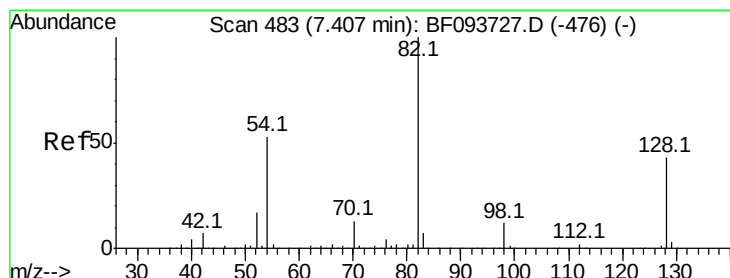
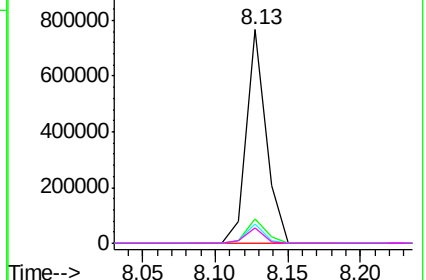
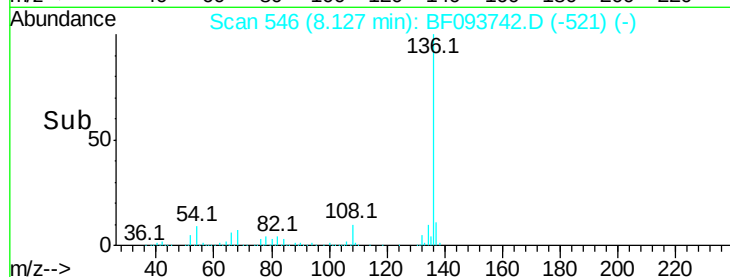


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 97.03 ng

RT: 7.41 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF093742.D

Acq: 18 Mar 2017 9:54

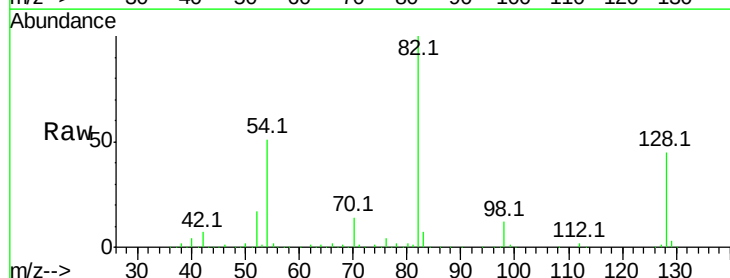
Tgt Ion: 82 Resp: 1169088

Ion Ratio Lower Upper

82 100

128 44.7 34.0 51.0

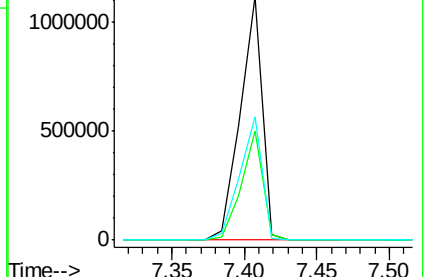
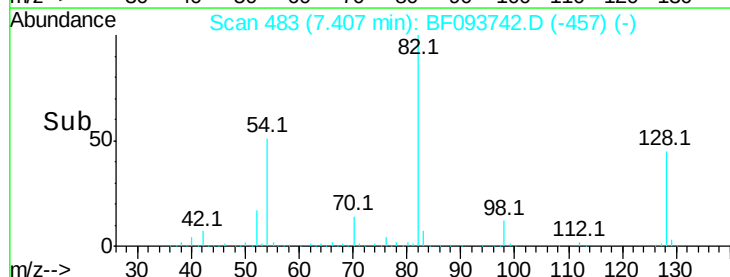
54 50.7 42.2 63.2

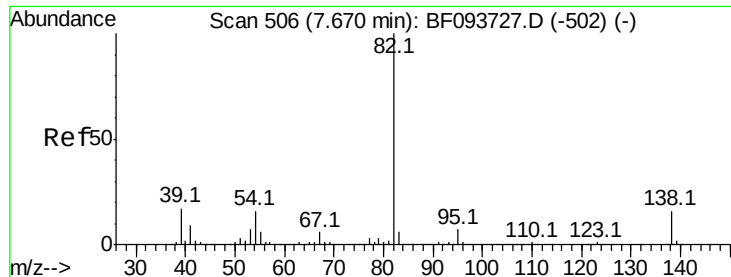


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 49.07 ng

RT: 7.41 min Scan# 483

Delta R.T. -0.26 min

Lab File: BF093742.D

Acq: 18 Mar 2017 9:54

Instrument :

BNA_F

ClientSampleId :

FB-03132017

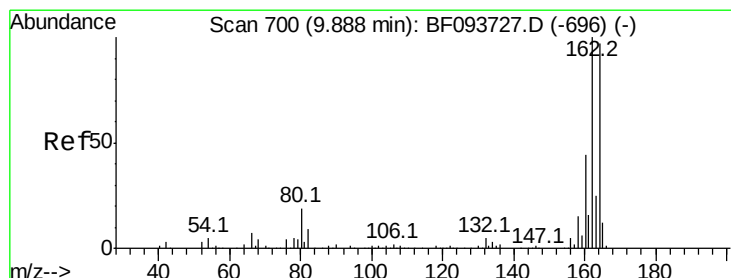
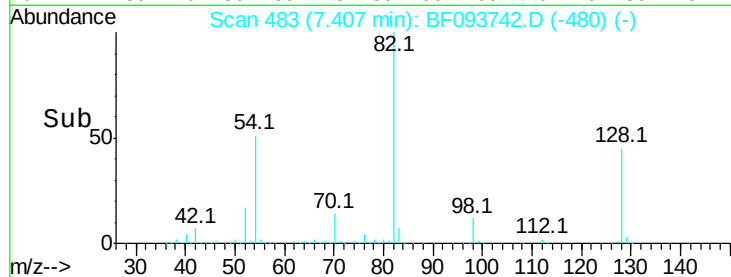
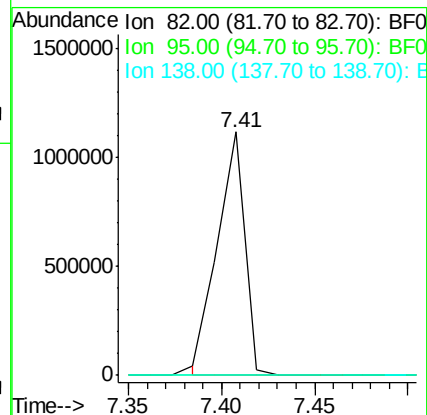
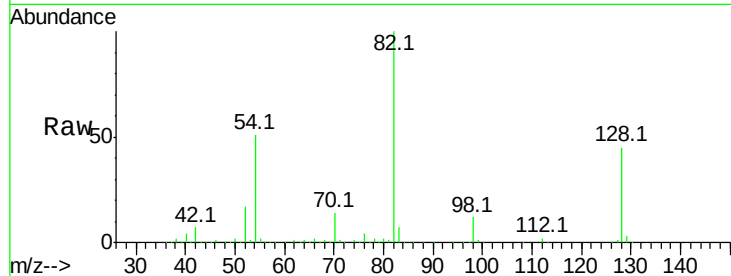
Tot Ion: 82 Resp: 1138139

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

138 0.0 13.1 19.7#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF093742.D

Acq: 18 Mar 2017 9:54

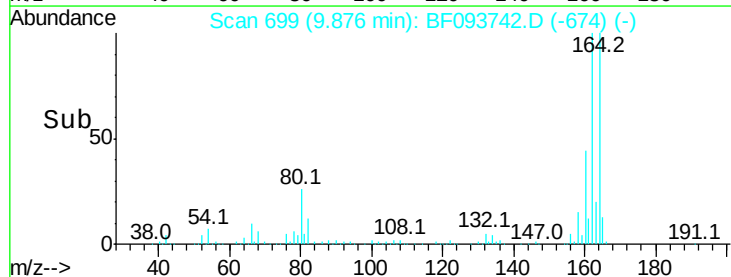
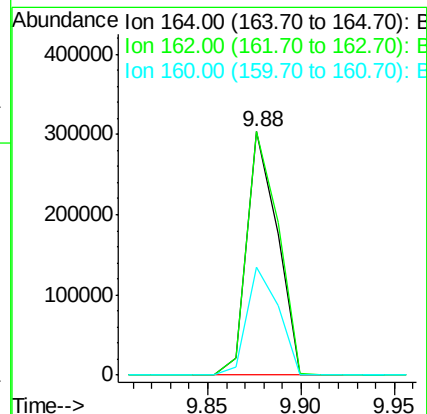
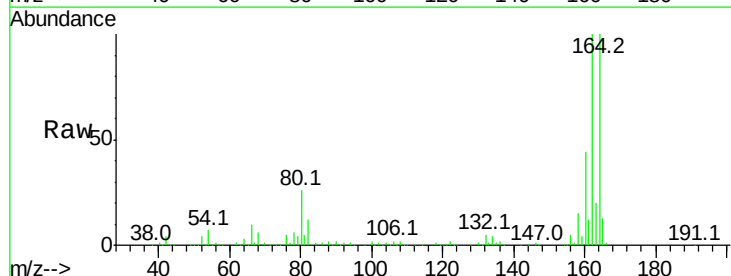
Tgt Ion:164 Resp: 344271

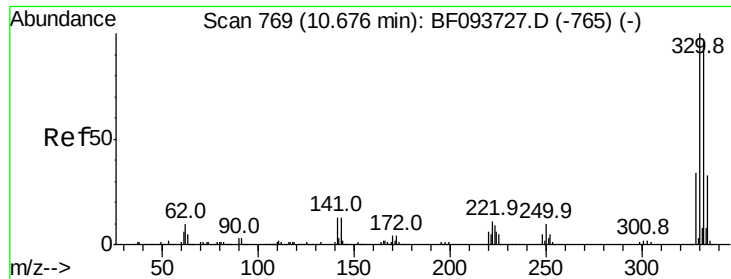
Ion Ratio Lower Upper

164 100

162 99.9 82.6 123.8

160 44.5 36.2 54.2

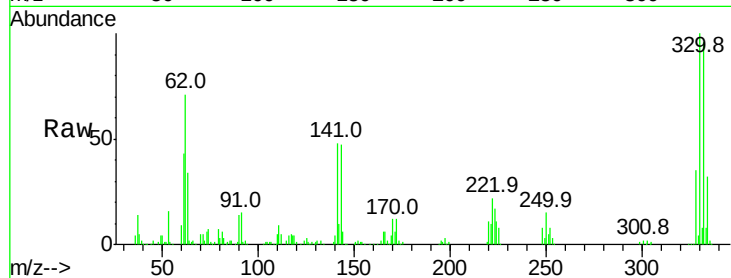




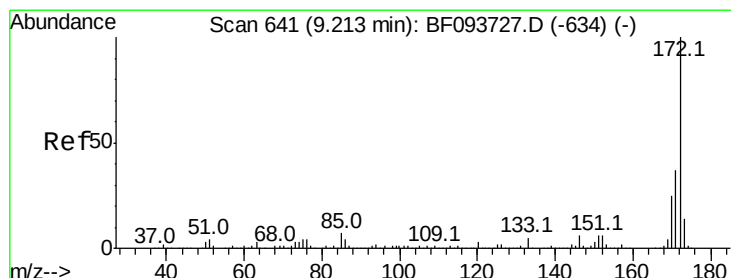
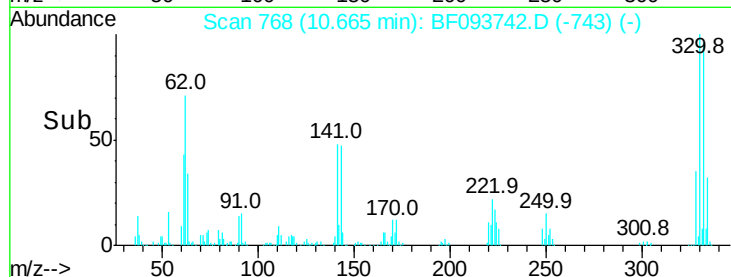
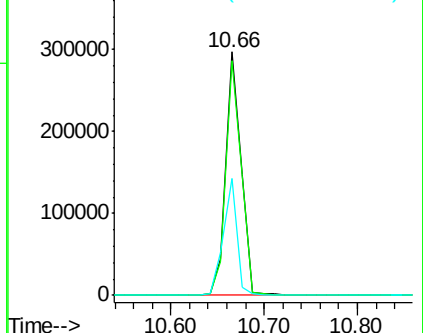
#41
 2,4,6-Tribromophenol
 Concen: 152.57 ng
 RT: 10.66 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BF093742.D
 Acq: 18 Mar 2017 9:54

Instrument :
 BNA_F
 ClientSampleId :
 FB-03132017

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	115.0
141	42.3	31.4	47.2

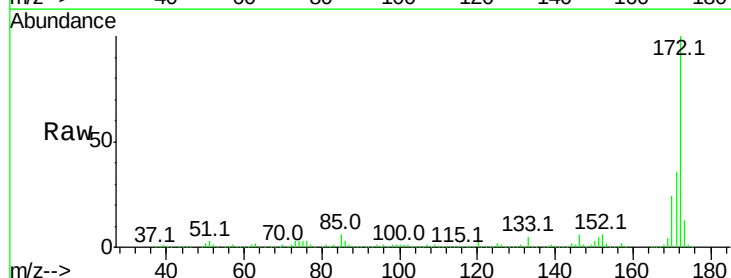


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

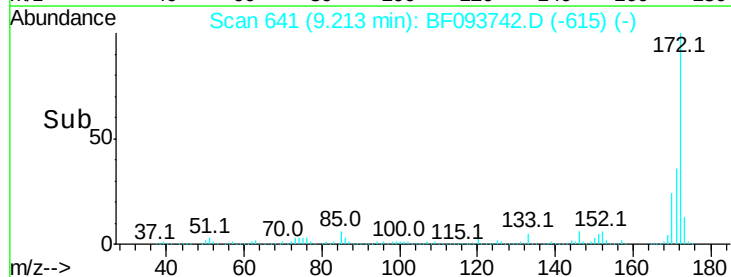
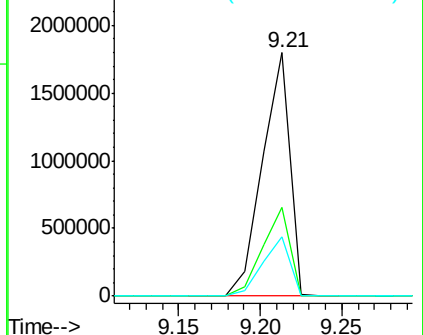


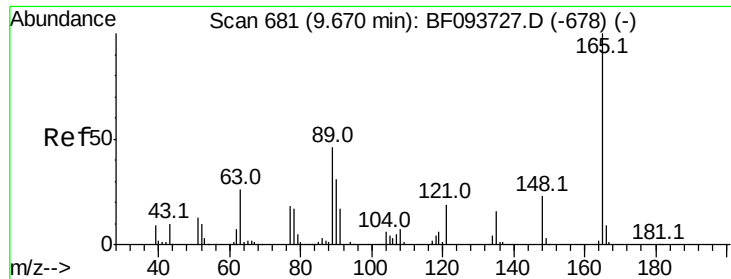
#44
 2-Fluorobiphenyl
 Concen: 115.16 ng
 RT: 9.21 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF093742.D
 Acq: 18 Mar 2017 9:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.5	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

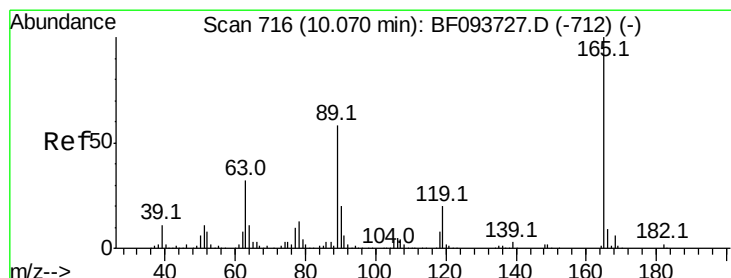
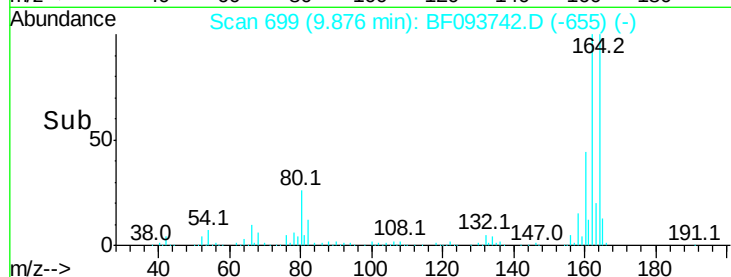
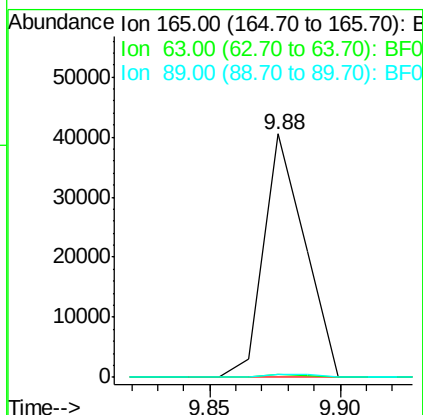
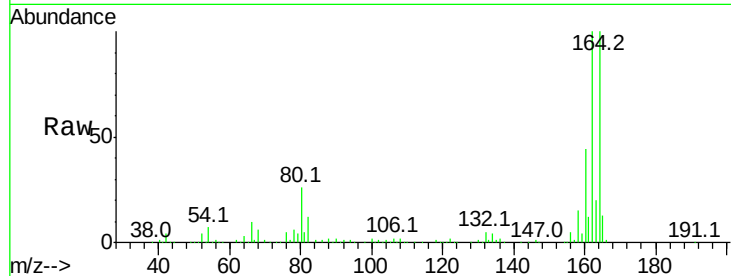




#50
 2,6-Dinitrotoluene
 Concen: 9.12 ng
 RT: 9.88 min Scan# 699
 Delta R.T. 0.21 min
 Lab File: BF093742.D
 Acq: 18 Mar 2017 9:54

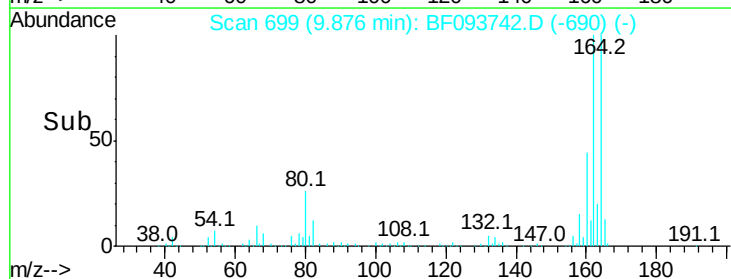
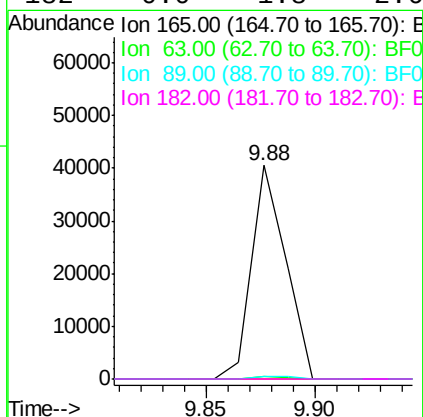
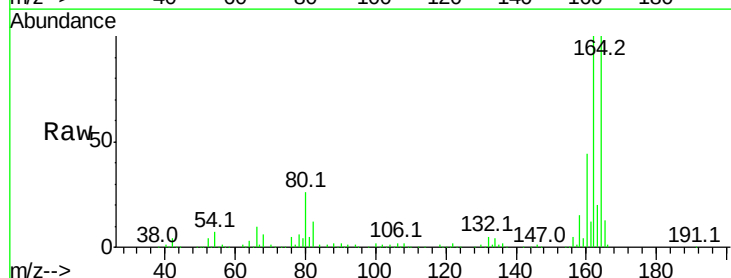
Instrument :
 BNA_F
 ClientSampleId :
 FB-03132017

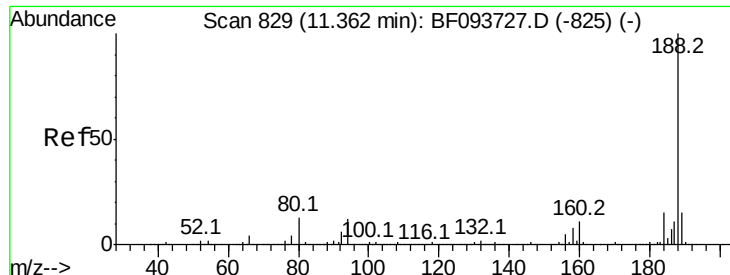
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	34.3	51.5#
89	1.3	37.1	55.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.85 ng
 RT: 9.88 min Scan# 699
 Delta R.T. -0.19 min
 Lab File: BF093742.D
 Acq: 18 Mar 2017 9:54

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	25.4	38.0#
89	1.3	46.4	69.6#
182	0.0	1.8	2.6#

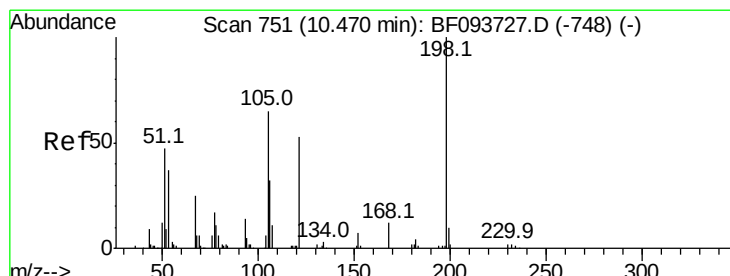
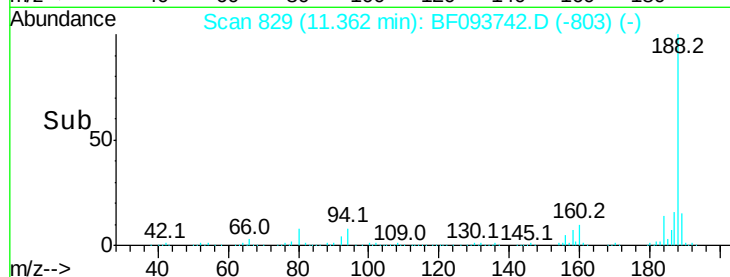
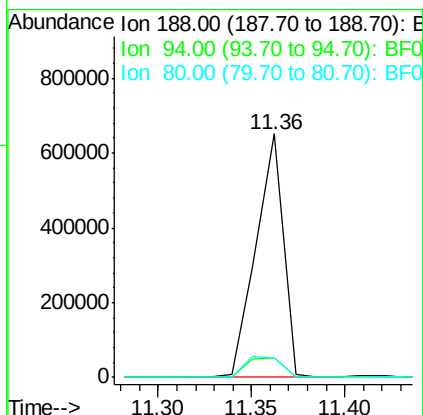
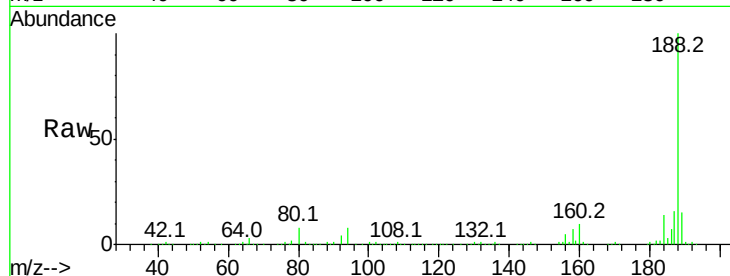




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 829
Delta R.T. 0.00 min
Lab File: BF093742.D
Acq: 18 Mar 2017 9:54

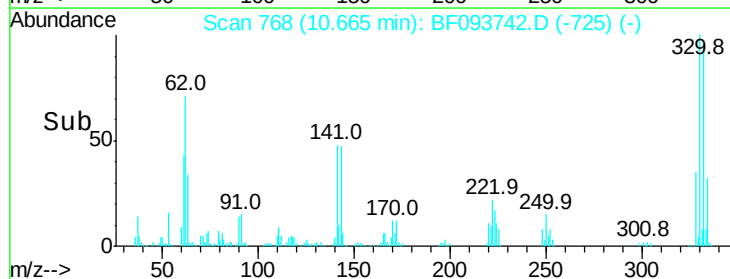
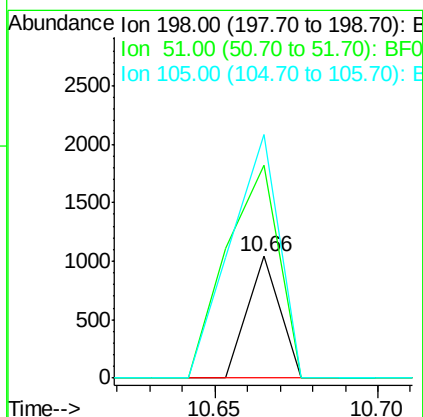
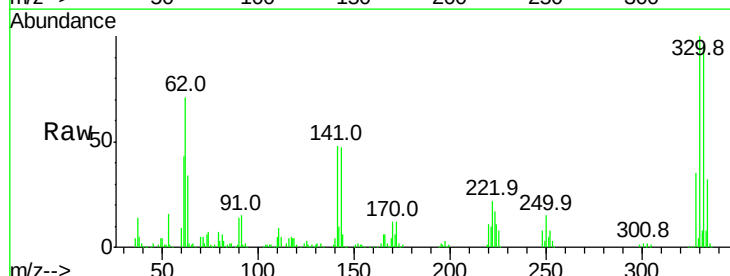
Instrument :
BNA_F
ClientSampleId :
FB-03132017

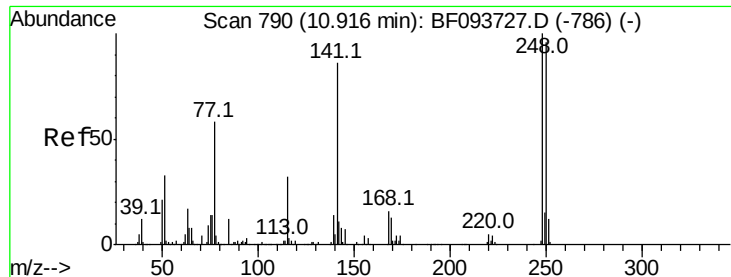
Tot Ion:188 Resp: 660540
Ion Ratio Lower Upper
188 100
94 7.9 9.4 14.2#
80 8.1 10.2 15.2#



#64
4,6-Dinitro-2-methylphenol
Concen: 4.11 ng
RT: 10.66 min Scan# 768
Delta R.T. 0.19 min
Lab File: BF093742.D
Acq: 18 Mar 2017 9:54

Tgt Ion:198 Resp: 713
Ion Ratio Lower Upper
198 100
51 175.2 53.2 93.2#
105 200.3 45.8 85.8#

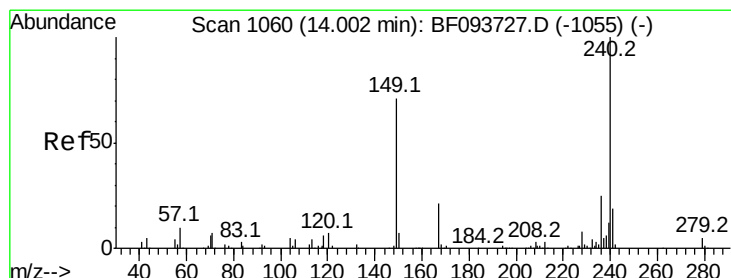
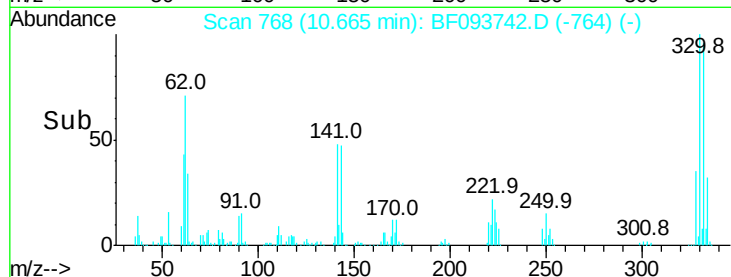
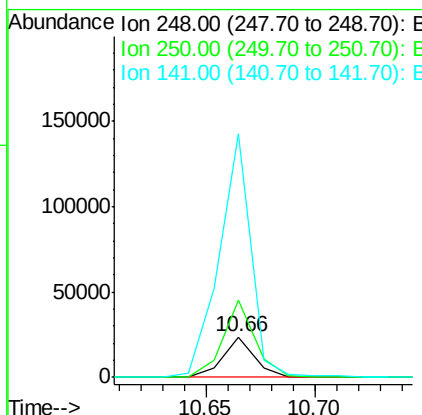
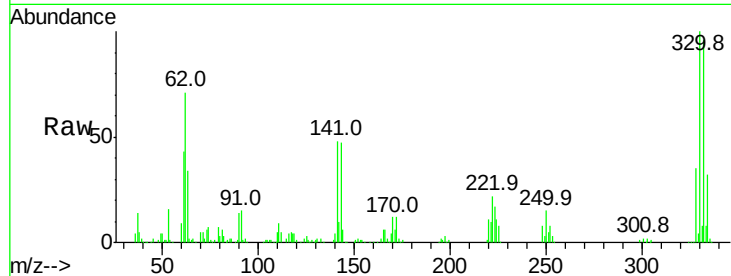




#66
 4-Bromophenyl-phenylether
 Concen: 3.80 ng
 RT: 10.66 min Scan# 768
 Delta R.T. -0.25 min
 Lab File: BF093742.D
 Acq: 18 Mar 2017 9:54

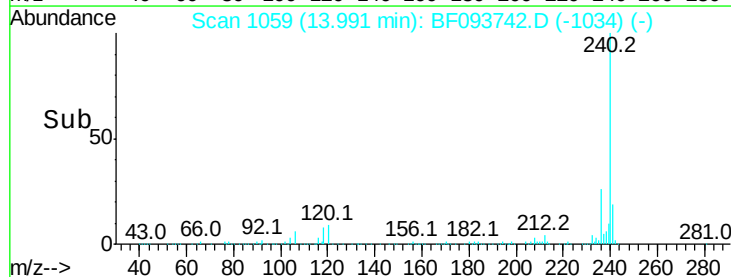
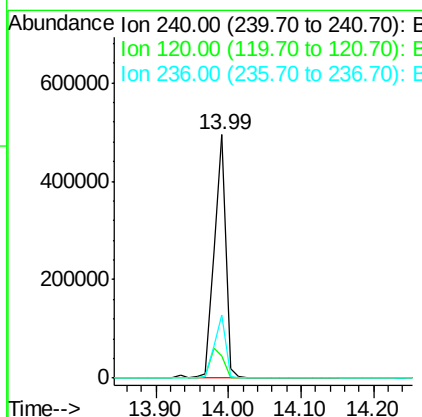
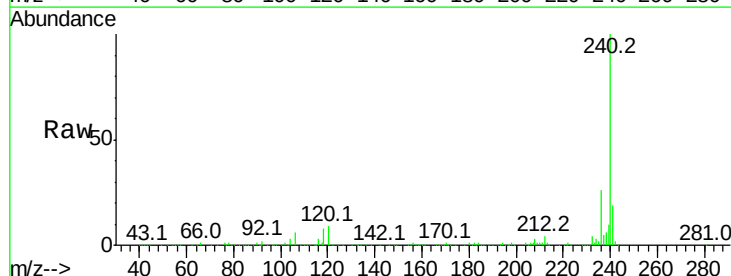
Instrument :
 BNA_F
 ClientSampleId :
 FB-03132017

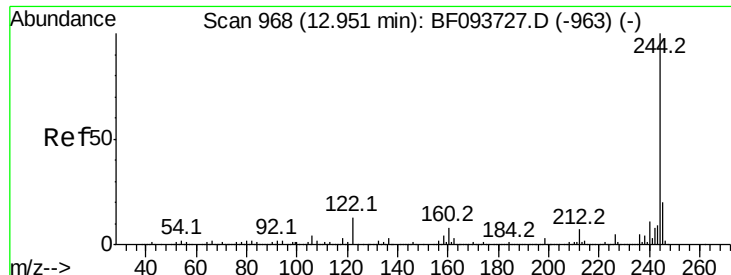
Tot Ion:248 Resp: 23730
 Ion Ratio Lower Upper
 248 100
 250 191.4 76.8 115.2#
 141 601.6 68.6 103.0#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.99 min Scan# 1059
 Delta R.T. -0.01 min
 Lab File: BF093742.D
 Acq: 18 Mar 2017 9:54

Tgt Ion:240 Resp: 544643
 Ion Ratio Lower Upper
 240 100
 120 9.4 5.8 8.8#
 236 25.9 20.5 30.7





#78

Terphenyl-d14

Concen: 65.42 ng

RT: 12.95 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF093742.D

Acq: 18 Mar 2017 9:54

Instrument :

BNA_F

ClientSampleId :

FB-03132017

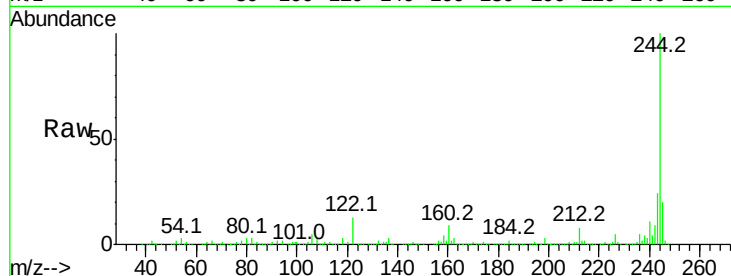
Tot Ion:244 Resp: 1655366

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

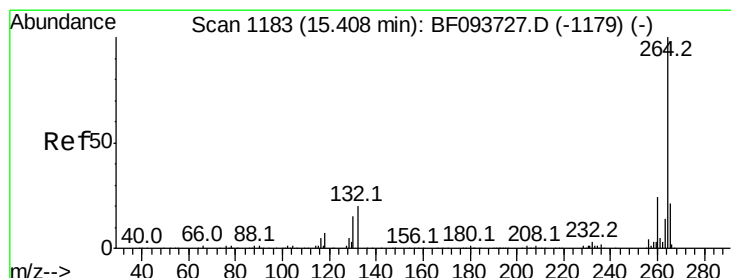
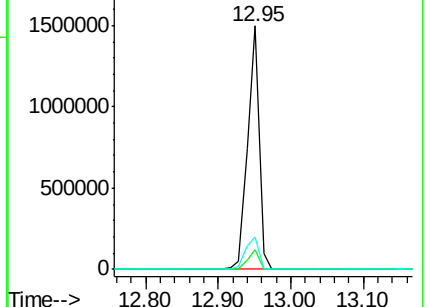
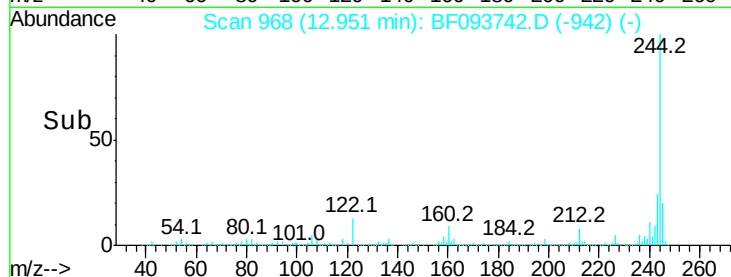
122 13.2 10.3 15.5



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.40 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF093742.D

Acq: 18 Mar 2017 9:54

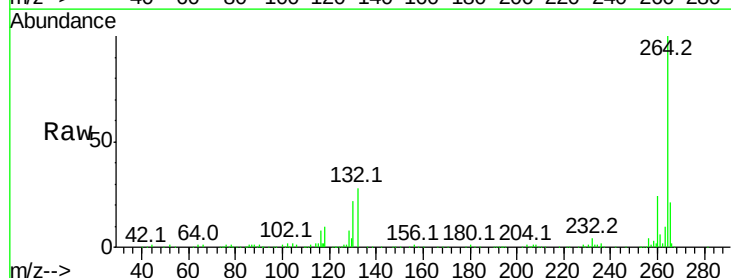
Tgt Ion:264 Resp: 435437

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 21.4 17.2 25.8



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

