

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032117\
 Data File : BF093822.D
 Acq On : 22 Mar 2017 7:46
 Operator : SJ/MA
 Sample : I2329-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 031617-PRRT-F-U-M

Quant Time: Mar 22 08:06:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 21 14:38:20 2017
 Response via : Initial Calibration

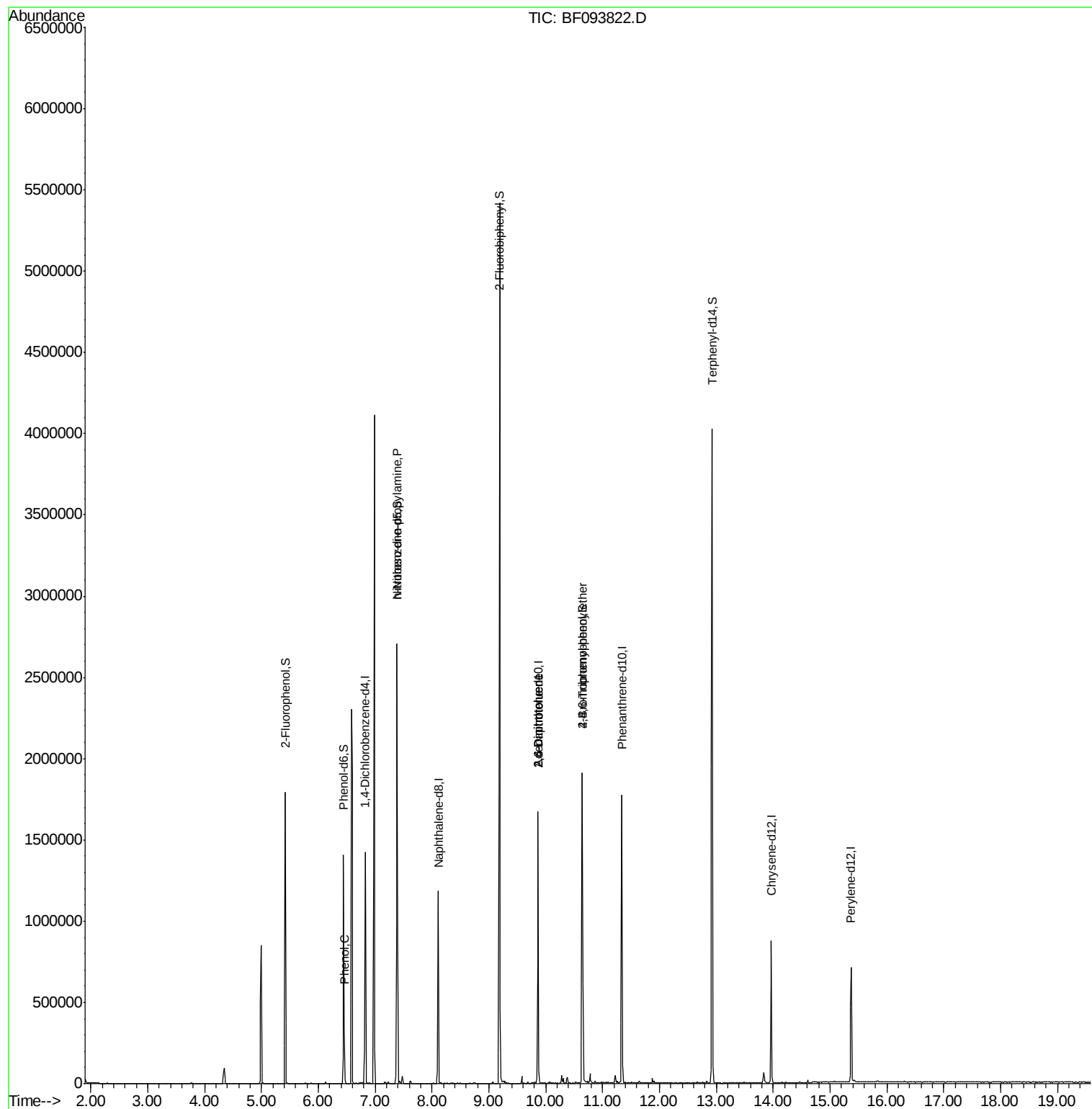
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	201762	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	815610	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	380152	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	613599	20.00	ng	0.00
75) Chrysene-d12	13.97	240	391961	20.00	ng	0.00
86) Perylene-d12	15.37	264	331251	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	495014	42.90	ng	0.00
7) Phenol-d6	6.45	99	416062	29.18	ng	-0.01
23) Nitrobenzene-d5	7.38	82	1094654	76.14	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	232477	78.95	ng	-0.01
44) 2-Fluorobiphenyl	9.19	172	1835210	81.18	ng	0.00
78) Terphenyl-d14	12.93	244	1326339	68.99	ng	0.00
Target Compounds						
10) Phenol	6.46	94	64742	4.04	ng	90
19) n-Nitroso-di-n-propylamine	7.38	70	142512	15.26	ng	# 81
50) 2,6-Dinitrotoluene	9.86	165	47274	7.96	ng	# 33
56) 2,4-Dinitrotoluene	9.86	165	47266	6.27	ng	# 33
66) 4-Bromophenyl-phenylether	10.64	248	15030	2.54	ng	# 1

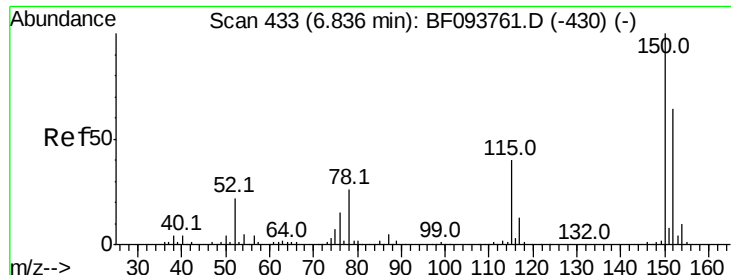
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Mar 21 14:38:20 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF093822.D

Acq: 22 Mar 2017 7:46

Instrument :

BNA_F

ClientSampleId :

031617-PRRT-F-U-M

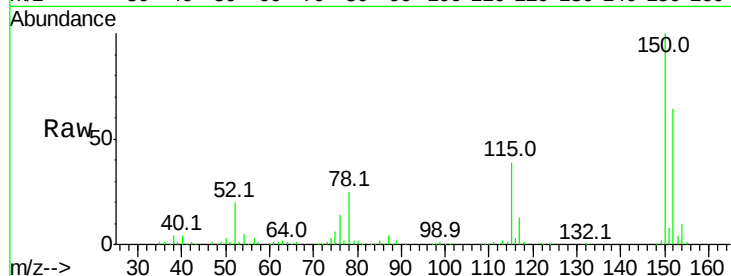
Tot Ion:152 Resp: 201762

Ion Ratio Lower Upper

152 100

150 157.4 126.2 189.2

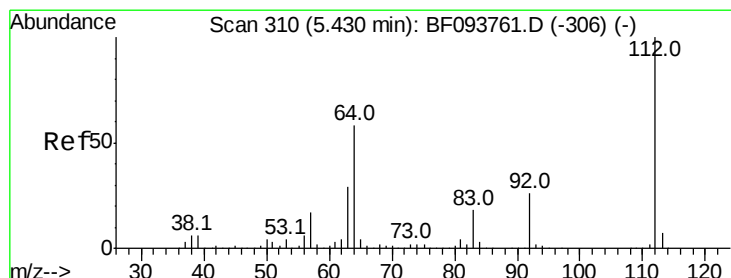
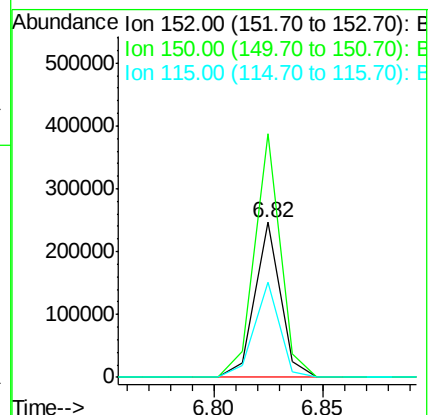
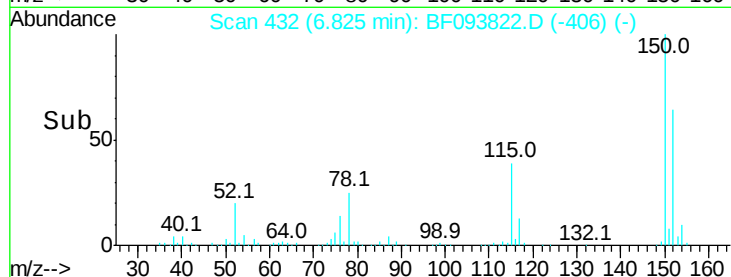
115 61.9 52.2 78.2



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: 42.90 ng

RT: 5.42 min Scan# 309

Delta R.T. -0.00 min

Lab File: BF093822.D

Acq: 22 Mar 2017 7:46

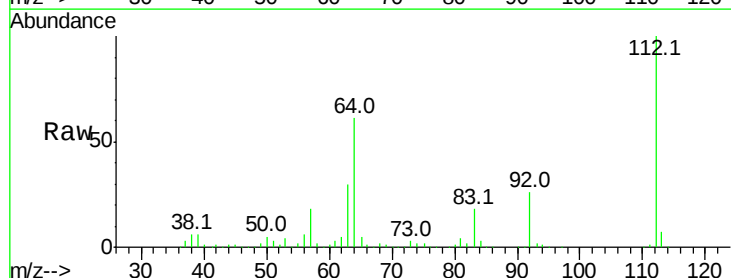
Tgt Ion:112 Resp: 495014

Ion Ratio Lower Upper

112 100

64 60.6 46.0 69.0

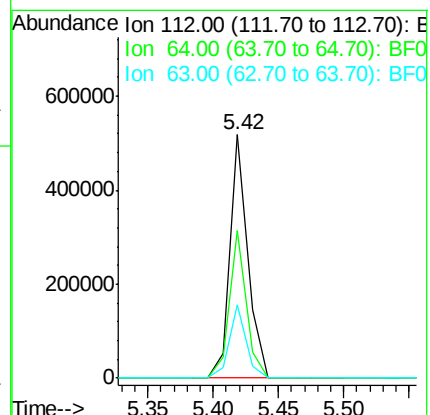
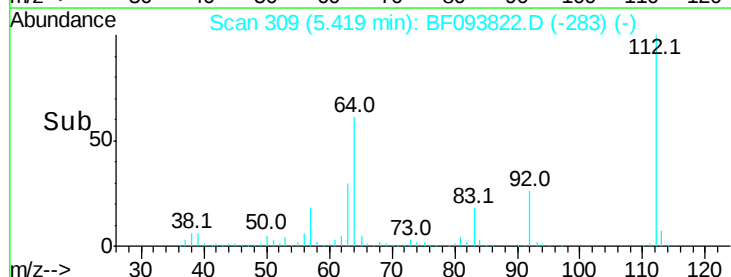
63 30.2 23.4 35.0

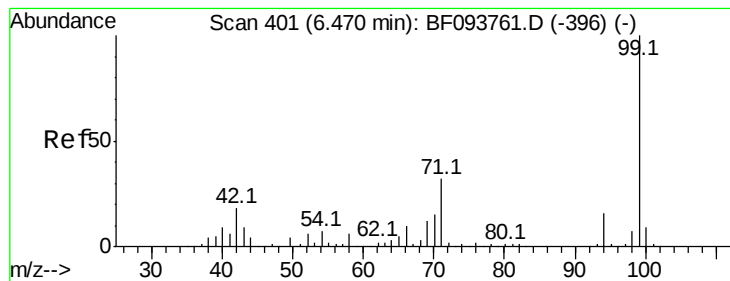


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 29.18 ng

RT: 6.45 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF093822.D

Acq: 22 Mar 2017 7:46

Instrument :

BNA_F

ClientSampleId :

031617-PRRT-F-U-M

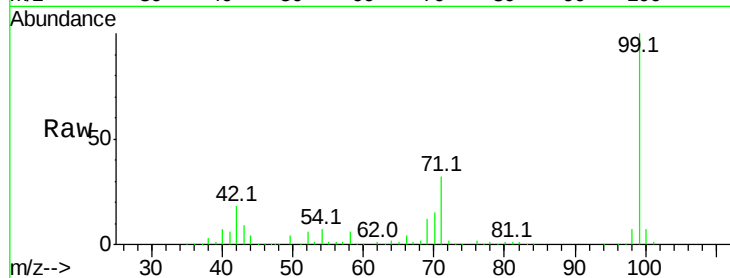
Tot Ion: 99 Resp: 416062

Ion Ratio Lower Upper

99 100

42 18.1 13.5 20.3

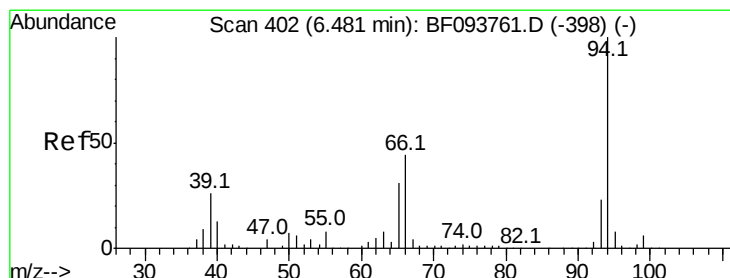
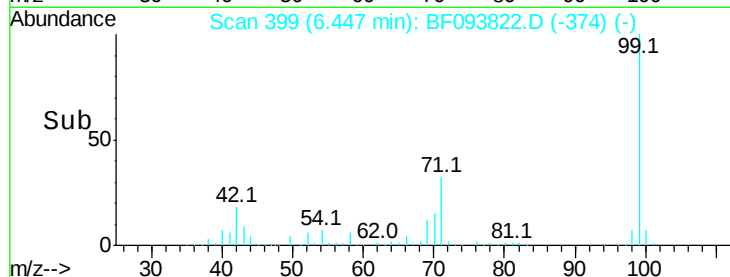
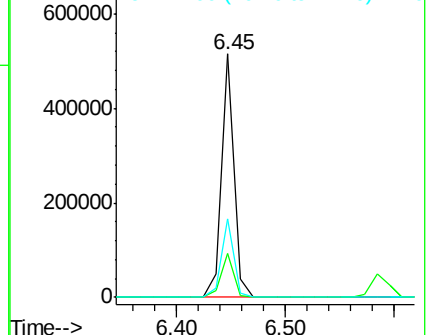
71 32.2 24.5 36.7



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



#10

Phenol

Concen: 4.04 ng

RT: 6.46 min Scan# 400

Delta R.T. -0.01 min

Lab File: BF093822.D

Acq: 22 Mar 2017 7:46

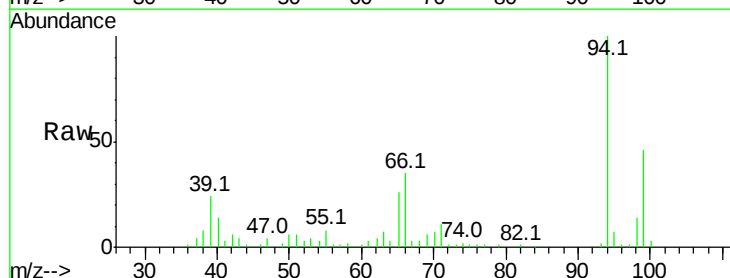
Tgt Ion: 94 Resp: 64742

Ion Ratio Lower Upper

94 100

65 25.9 9.9 49.9

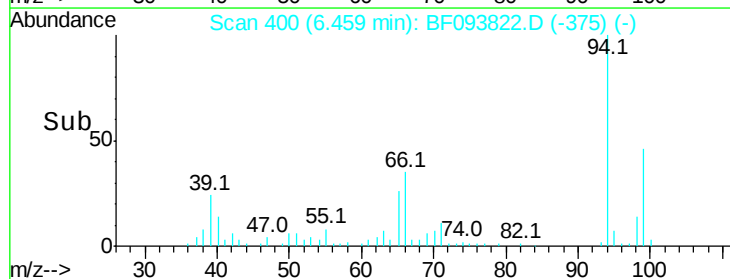
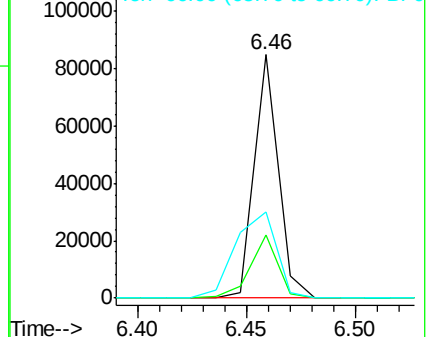
66 35.4 23.1 63.1

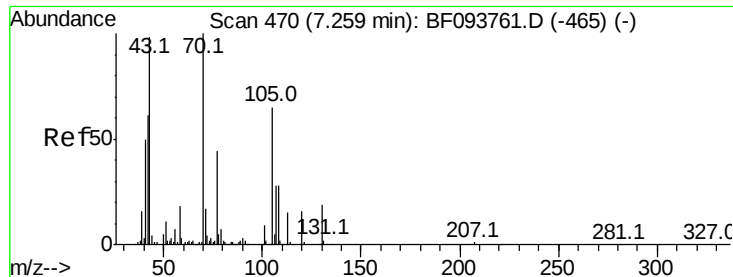


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

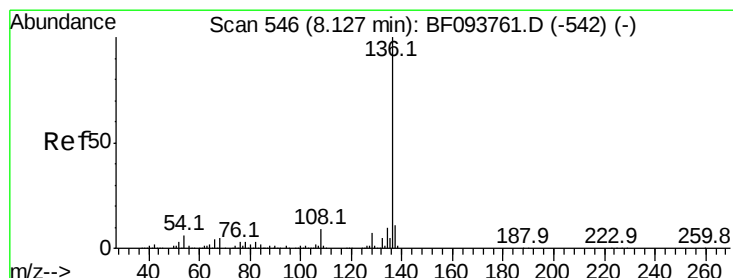
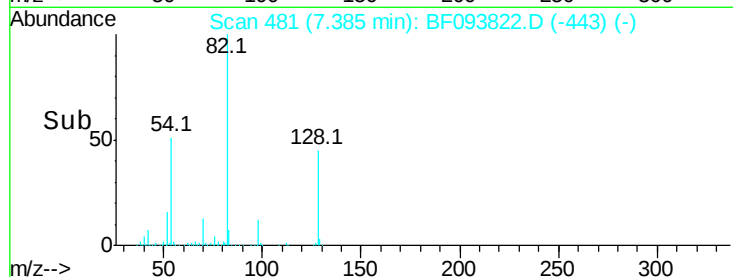
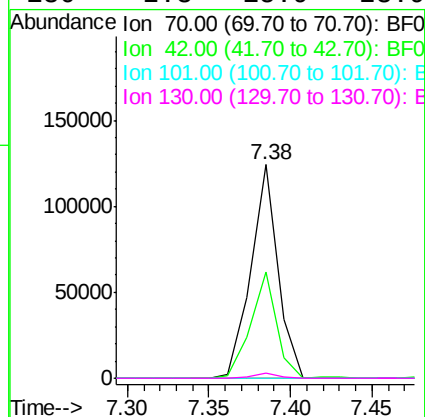
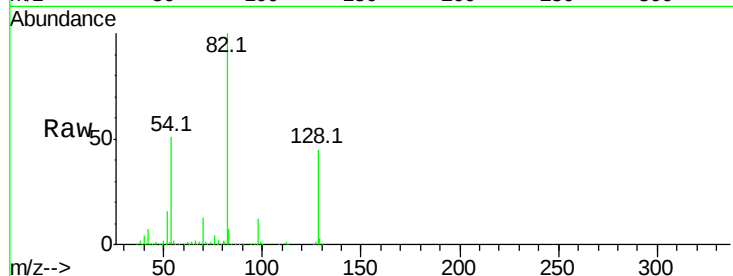




#19
n-Nitroso-di-n-propylamine
Concen: 15.26 ng
RT: 7.38 min Scan# 481
Delta R.T. 0.14 min
Lab File: BF093822.D
Acq: 22 Mar 2017 7:46

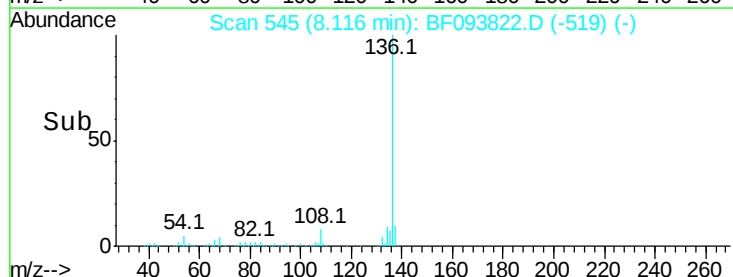
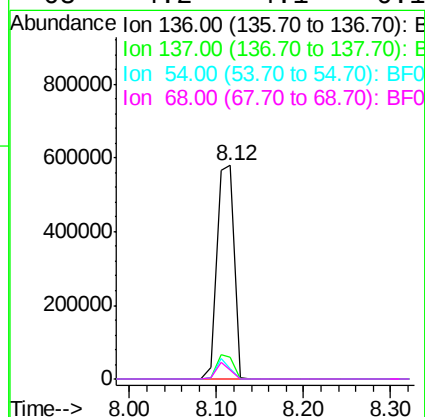
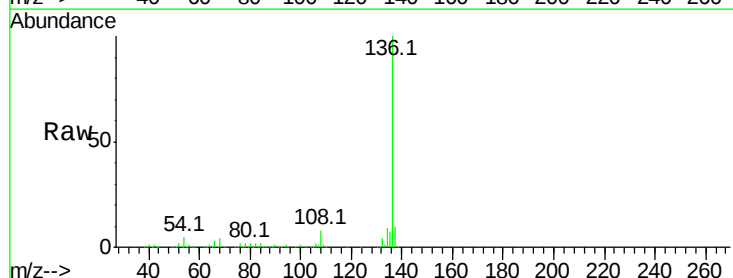
Instrument :
BNA_F
ClientSampleId :
031617-PRRT-F-U-M

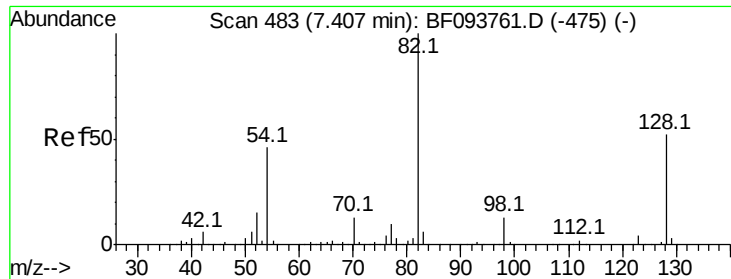
Tot Ion: 70 Resp: 142512
Ion Ratio Lower Upper
70 100
42 50.0 47.2 70.8
101 0.0 7.2 10.8#
130 2.3 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF093822.D
Acq: 22 Mar 2017 7:46

Tgt Ion: 136 Resp: 815610
Ion Ratio Lower Upper
136 100
137 10.4 8.5 12.7
54 5.0 4.9 7.3
68 4.2 4.1 6.1

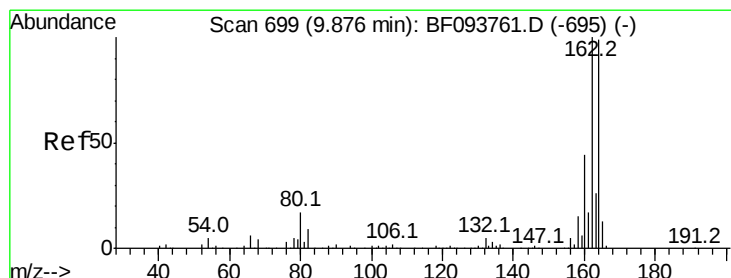
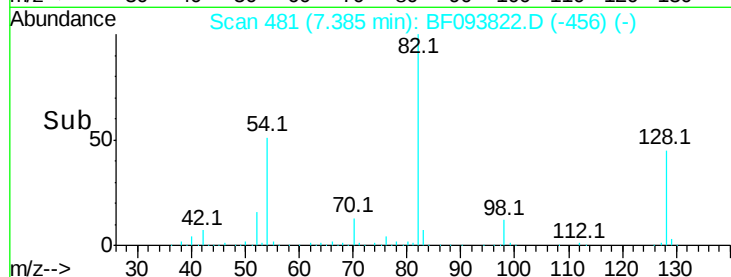
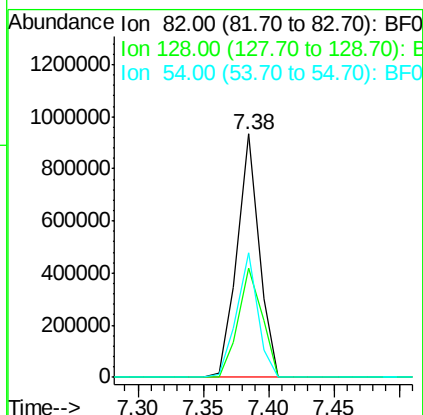
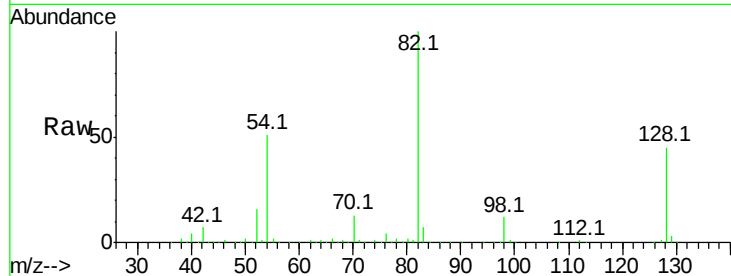




#23
 Nitrobenzene-d5
 Concen: 76.14 ng
 RT: 7.38 min Scan# 481
 Delta R.T. -0.01 min
 Lab File: BF093822.D
 Acq: 22 Mar 2017 7:46

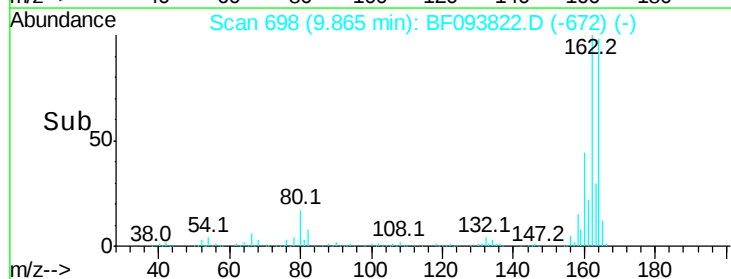
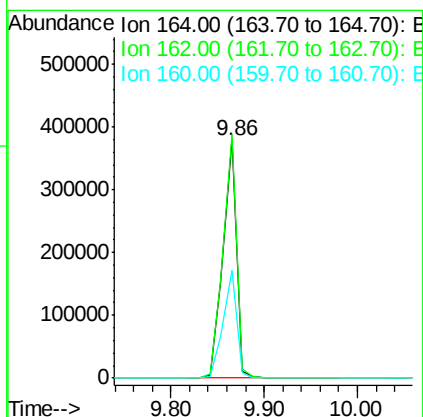
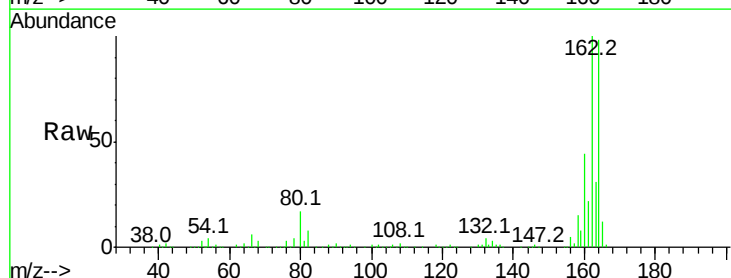
Instrument :
 BNA_F
 ClientSampleId :
 031617-PRRT-F-U-M

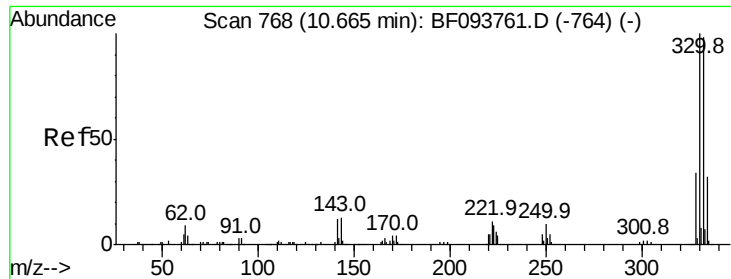
Tot Ion: 82 Resp: 1094654
 Ion Ratio Lower Upper
 82 100
 128 45.0 34.0 51.0
 54 51.0 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 698
 Delta R.T. -0.00 min
 Lab File: BF093822.D
 Acq: 22 Mar 2017 7:46

Tgt Ion:164 Resp: 380152
 Ion Ratio Lower Upper
 164 100
 162 102.3 82.6 123.8
 160 45.5 36.2 54.2

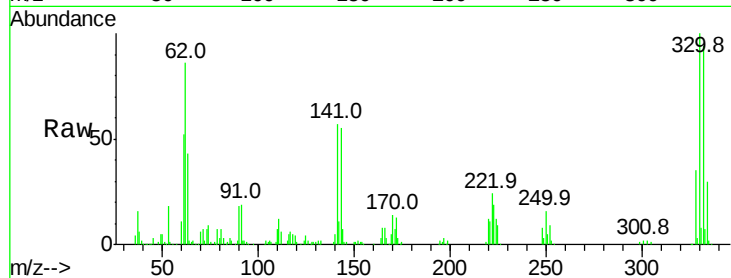




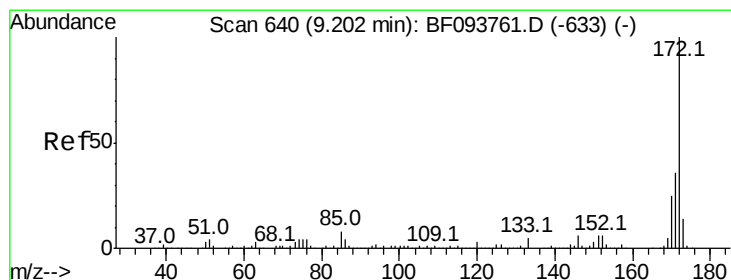
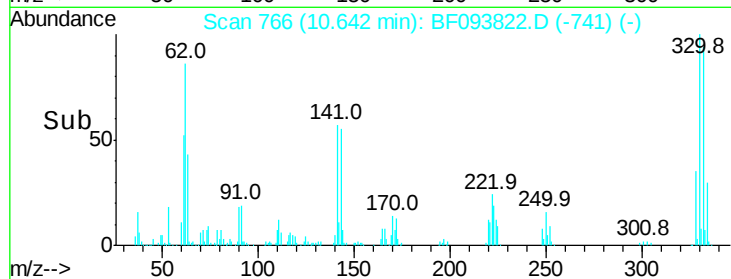
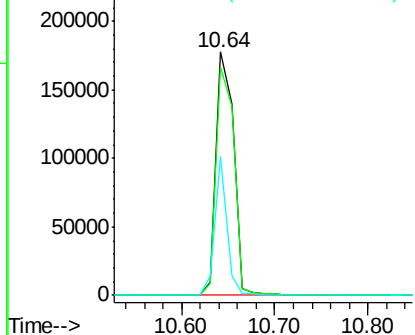
#41
 2,4,6-Tribromophenol
 Concen: 78.95 ng
 RT: 10.64 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: BF093822.D
 Acq: 22 Mar 2017 7:46

Instrument :
 BNA_F
 ClientSampleId :
 031617-PRRT-F-U-M

Tot Ion:330 Resp: 232477
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 115.0
 141 39.7 31.4 47.2

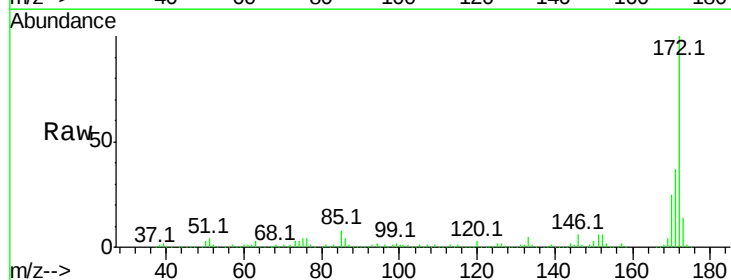


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

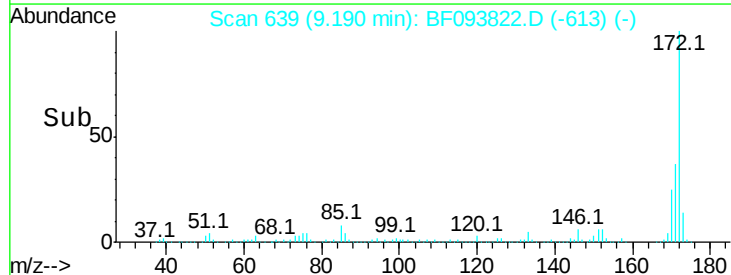
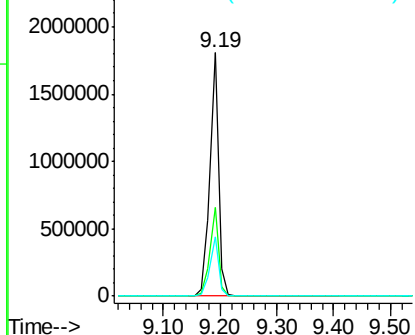


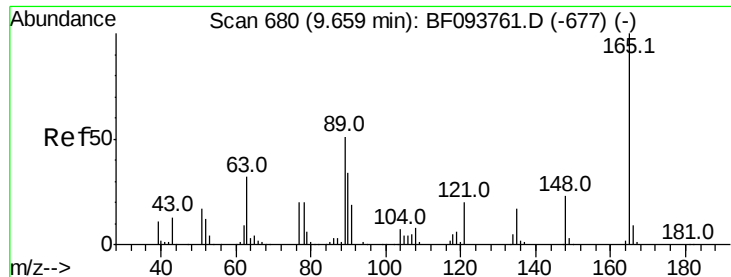
#44
 2-Fluorobiphenyl
 Concen: 81.18 ng
 RT: 9.19 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: BF093822.D
 Acq: 22 Mar 2017 7:46

Tgt Ion:172 Resp: 1835210
 Ion Ratio Lower Upper
 172 100
 171 36.7 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

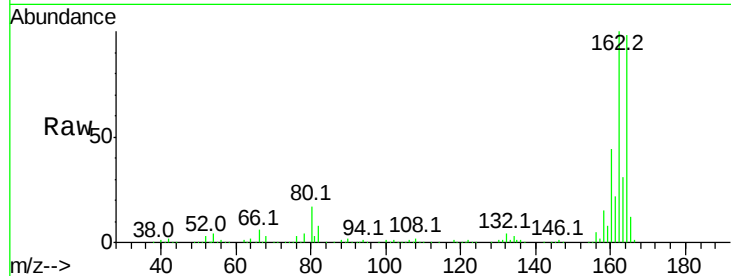




#50
2,6-Dinitrotoluene
Concen: 7.96 ng
RT: 9.86 min Scan# 698
Delta R.T. 0.22 min
Lab File: BF093822.D
Acq: 22 Mar 2017 7:46

Instrument :
BNA_F
ClientSampleId :
031617-PRRT-F-U-M

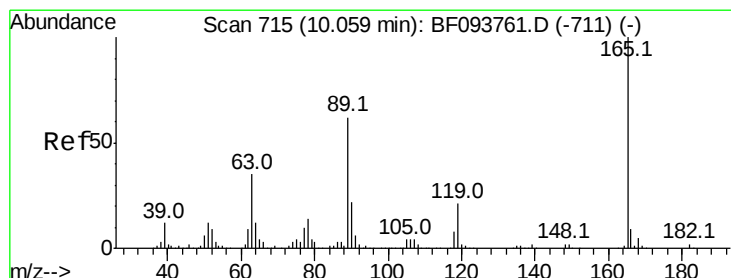
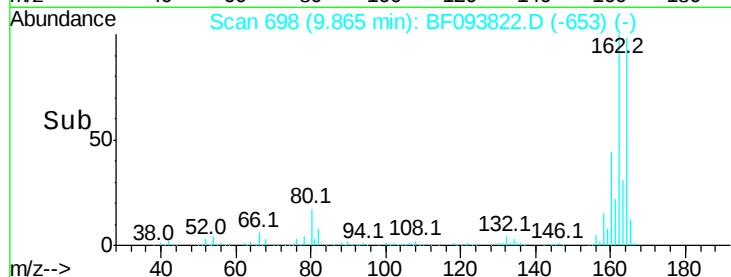
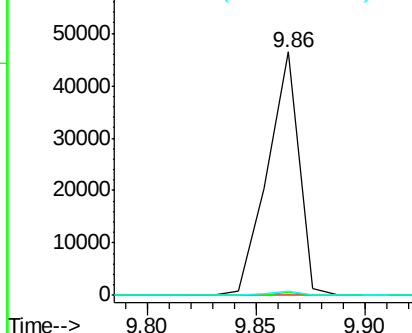
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	34.3	51.5#
89	1.5	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
2,4-Dinitrotoluene
Concen: 6.27 ng
RT: 9.86 min Scan# 698
Delta R.T. -0.18 min
Lab File: BF093822.D
Acq: 22 Mar 2017 7:46

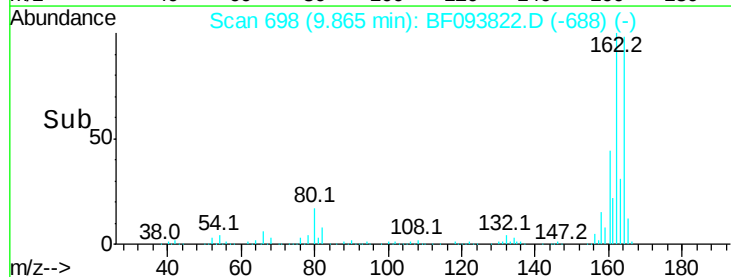
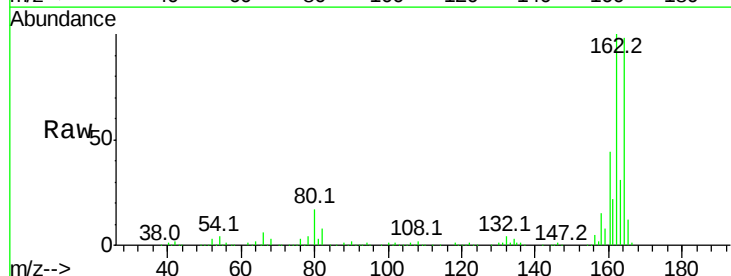
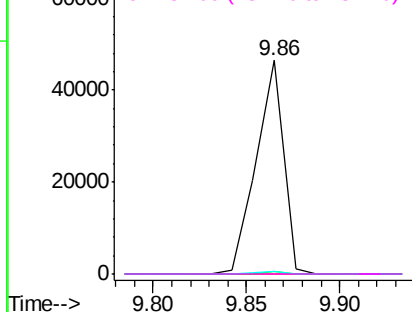
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	25.4	38.0#
89	1.5	46.4	69.6#
182	0.0	1.8	2.6#

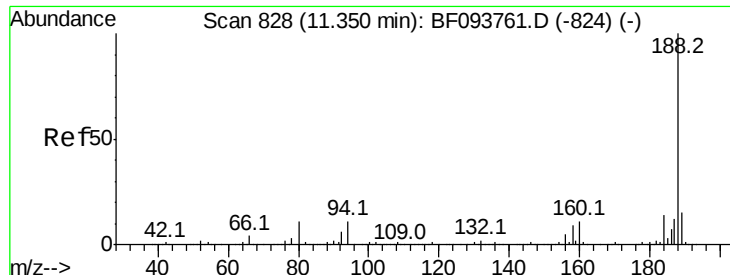
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

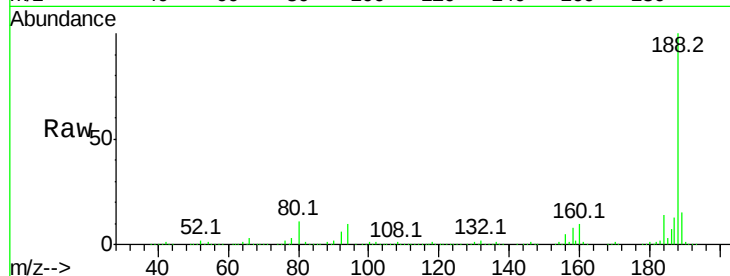




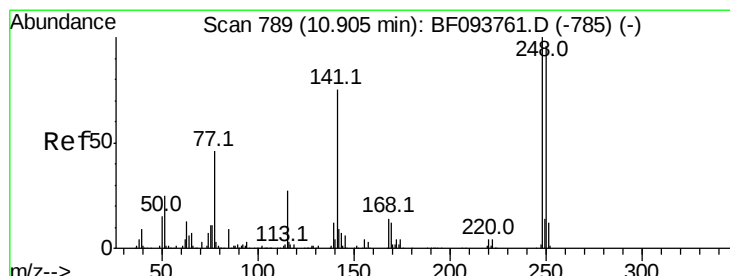
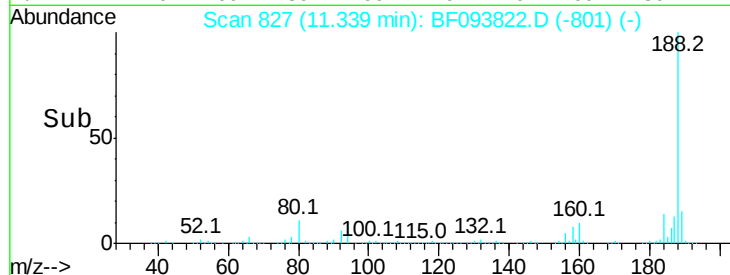
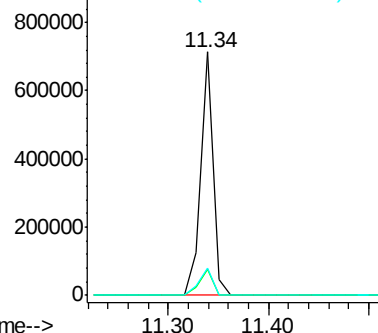
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 827
Delta R.T. -0.00 min
Lab File: BF093822.D
Acq: 22 Mar 2017 7:46

Instrument :
BNA_F
ClientSampleId :
031617-PRRT-F-U-M

Tot Ion:188 Resp: 613599
Ion Ratio Lower Upper
188 100
94 10.4 9.4 14.2
80 11.0 10.2 15.2

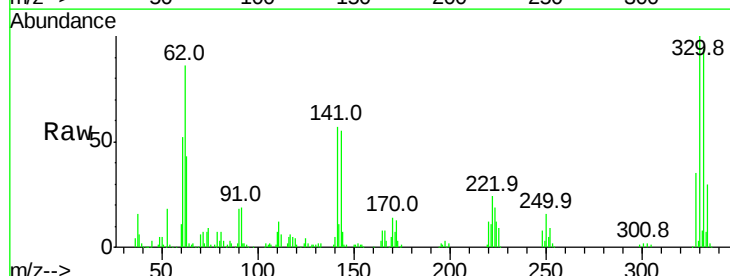


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

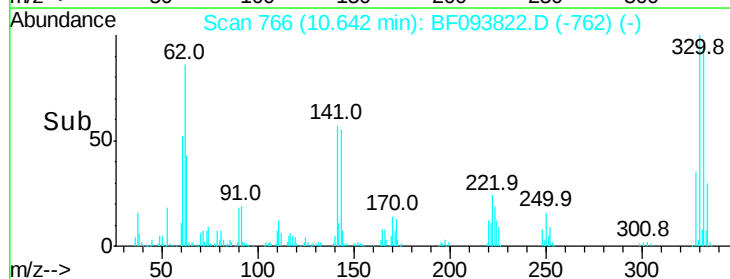
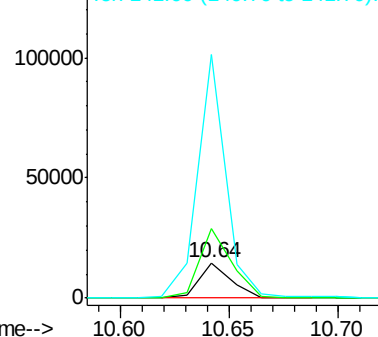


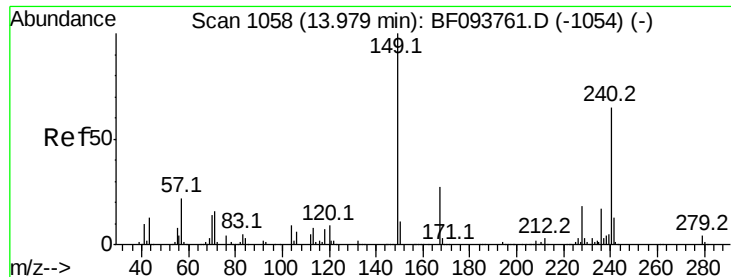
#66
4-Bromophenyl-phenylether
Concen: 2.54 ng
RT: 10.64 min Scan# 766
Delta R.T. -0.25 min
Lab File: BF093822.D
Acq: 22 Mar 2017 7:46

Tgt Ion:248 Resp: 15030
Ion Ratio Lower Upper
248 100
250 199.6 76.8 115.2#
141 694.1 68.6 103.0#



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BF093822.D

Acq: 22 Mar 2017 7:46

Instrument :

BNA_F

ClientSampleId :

031617-PRRT-F-U-M

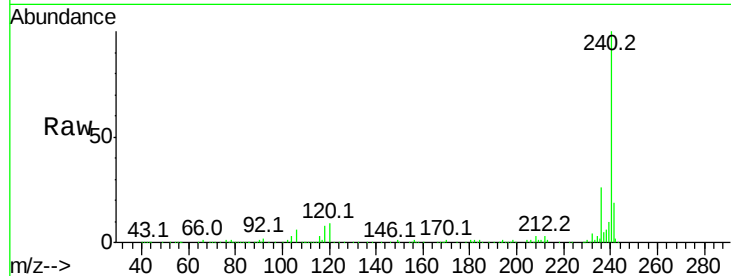
Tot Ion:240 Resp: 391961

Ion Ratio Lower Upper

240 100

120 9.4 5.8 8.8#

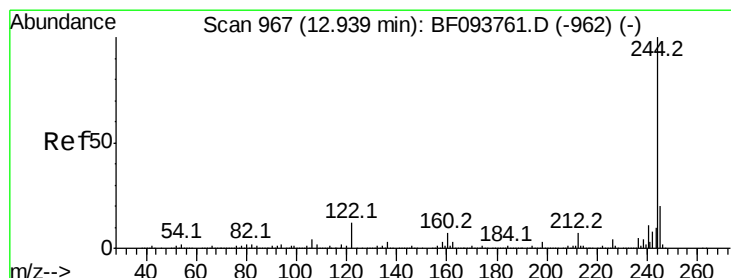
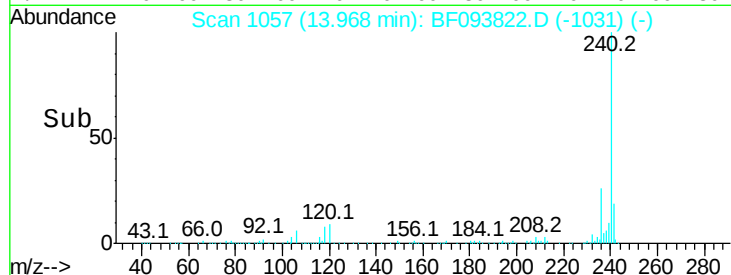
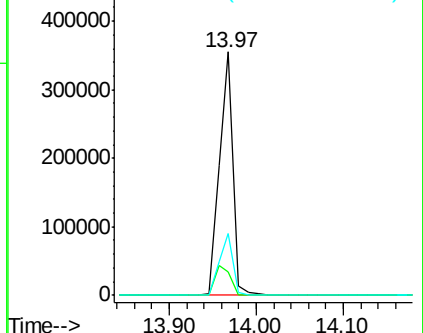
236 25.5 20.5 30.7



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



#78

Terphenyl-d14

Concen: 68.99 ng

RT: 12.93 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF093822.D

Acq: 22 Mar 2017 7:46

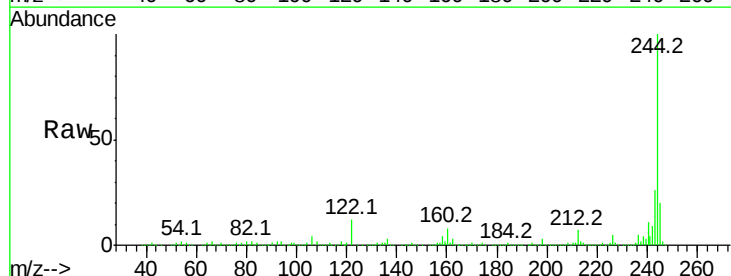
Tgt Ion:244 Resp: 1326339

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

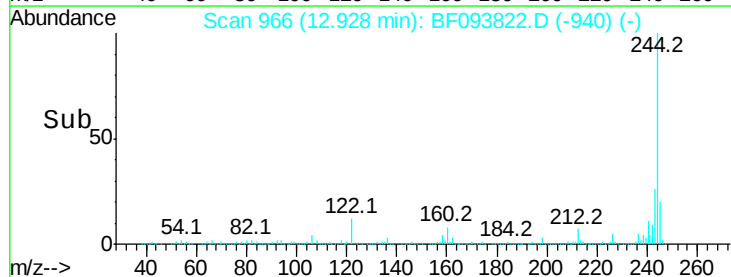
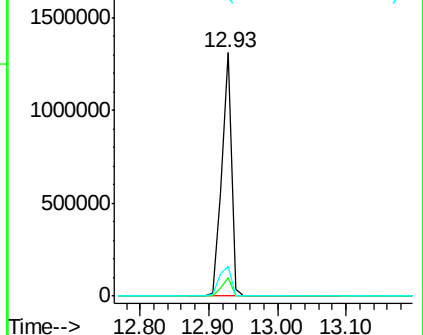
122 12.5 10.3 15.5

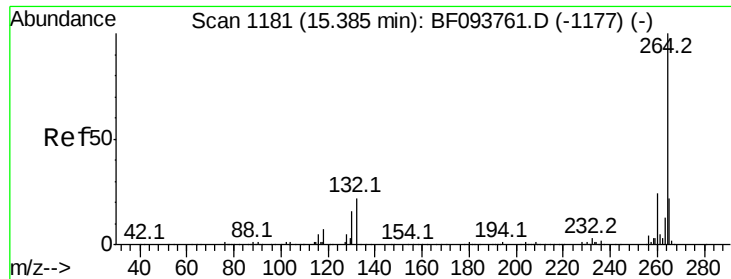


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

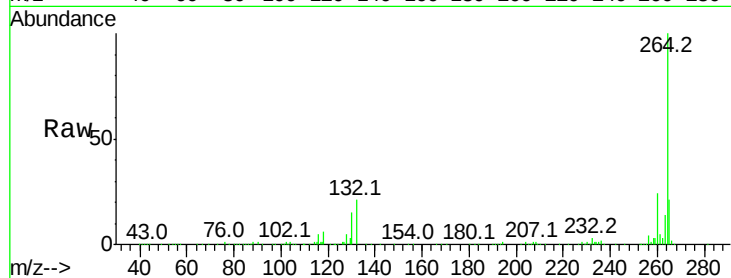




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BF093822.D
Acq: 22 Mar 2017 7:46

Instrument :
BNA_F
ClientSampleId :
031617-PRRT-F-U-M

Tot Ion:264 Resp: 331251
Ion Ratio Lower Upper
264 100
260 23.8 19.5 29.3
265 21.5 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

