

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032117\
 Data File : BF093821.D
 Acq On : 22 Mar 2017 7:19
 Operator : SJ/MA
 Sample : I2323-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 031717-PRRT-E-U-M

Quant Time: Mar 22 07:41:28 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

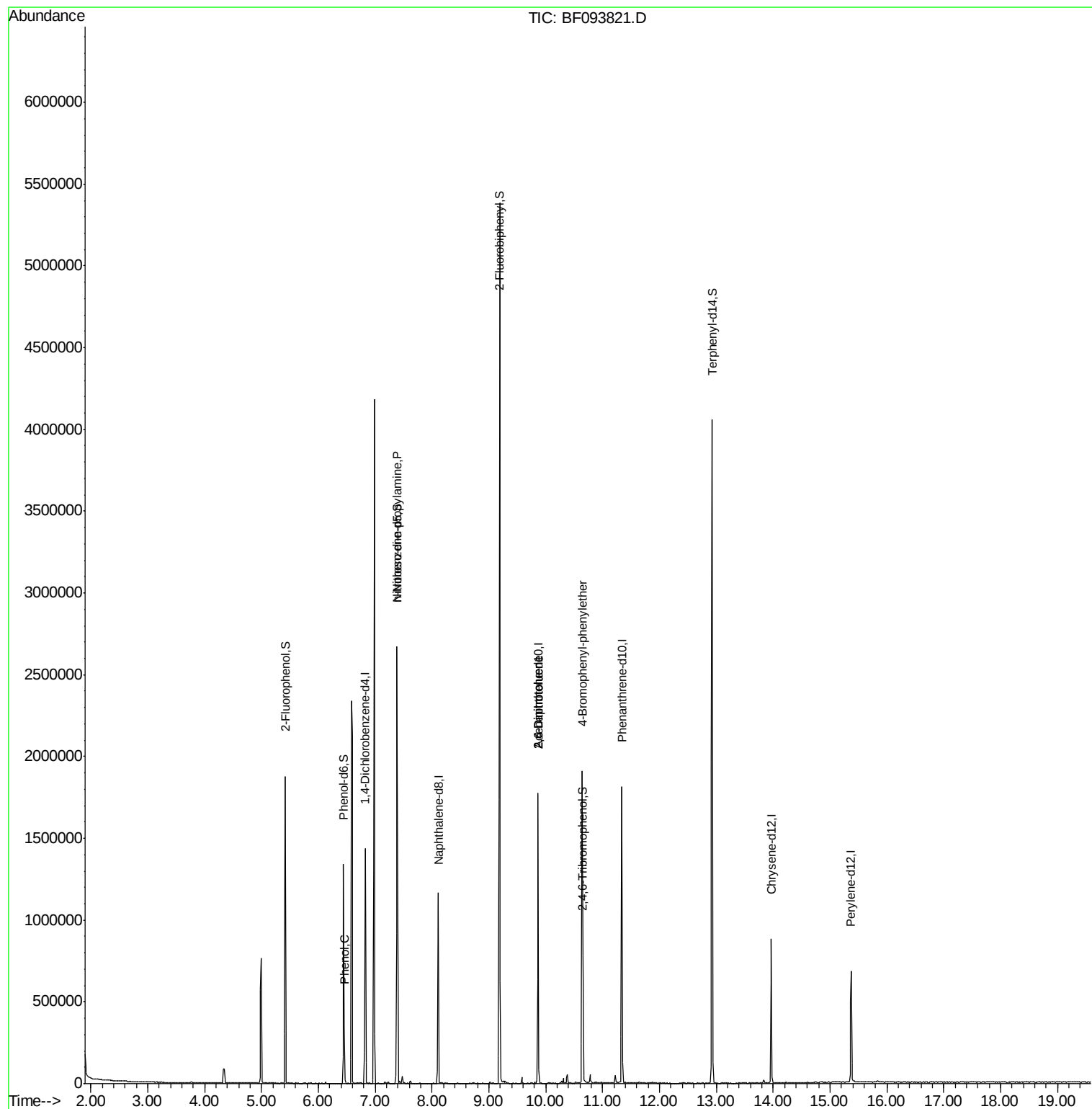
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	201981	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	807639	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	380619	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	605886	20.00	ng	0.00
75) Chrysene-d12	13.97	240	392035	20.00	ng	0.00
86) Perylene-d12	15.37	264	334433	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	517289	44.79	ng	0.00
7) Phenol-d6	6.45	99	406480	28.48	ng	-0.01
23) Nitrobenzene-d5	7.38	82	1155745	81.18	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	249354	84.58	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1848821	81.68	ng	0.00
78) Terphenyl-d14	12.93	244	1358512	70.65	ng	0.00
Target Compounds						
10) Phenol	6.46	94	54484	3.40	ng	95
19) n-Nitroso-di-n-propylamine	7.38	70	151372	16.19	ng	# 80
50) 2,6-Dinitrotoluene	9.86	165	48341	8.13	ng	# 33
56) 2,4-Dinitrotoluene	9.86	165	48343	6.40	ng	# 33
66) 4-Bromophenyl-phenylether	10.64	248	16262	2.79	ng	# 1

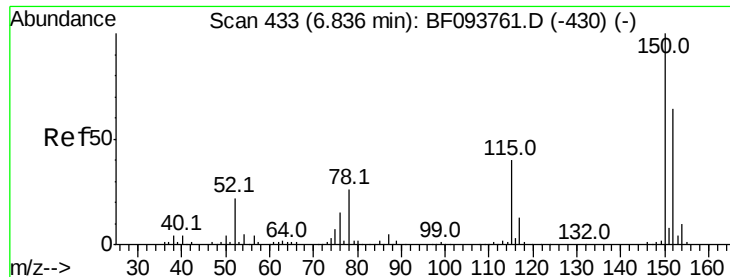
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF093821.D

Acq: 22 Mar 2017 7:19

Instrument :

BNA_F

ClientSampleId :

031717-PRRT-E-U-M

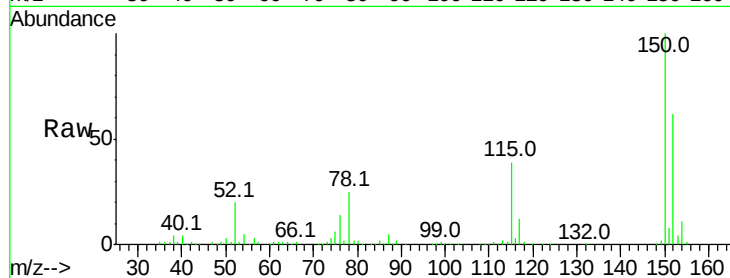
Tot Ion:152 Resp: 201981

Ion Ratio Lower Upper

152 100

150 160.4 126.2 189.2

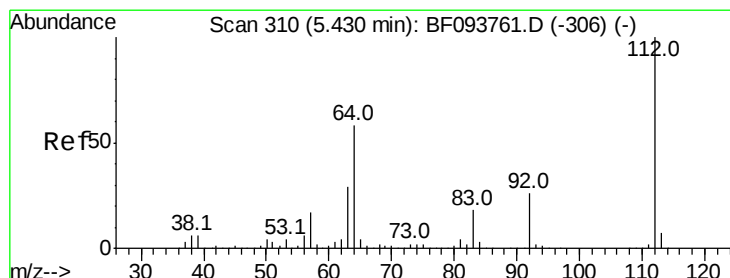
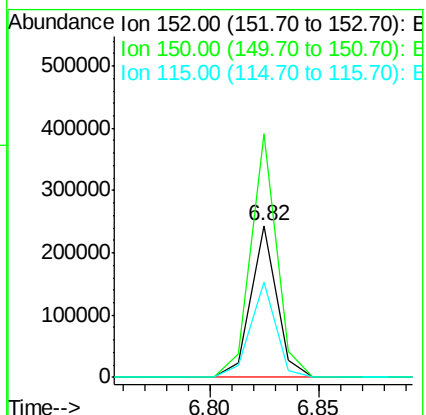
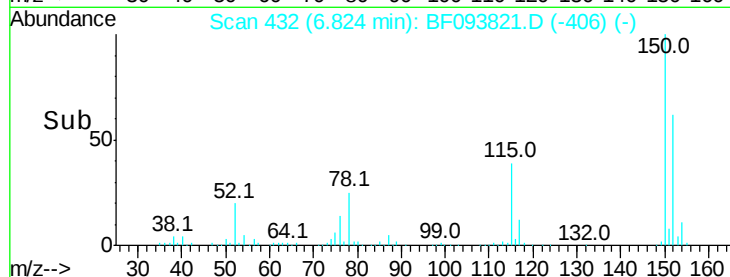
115 63.0 52.2 78.2



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: 44.79 ng

RT: 5.42 min Scan# 309

Delta R.T. -0.00 min

Lab File: BF093821.D

Acq: 22 Mar 2017 7:19

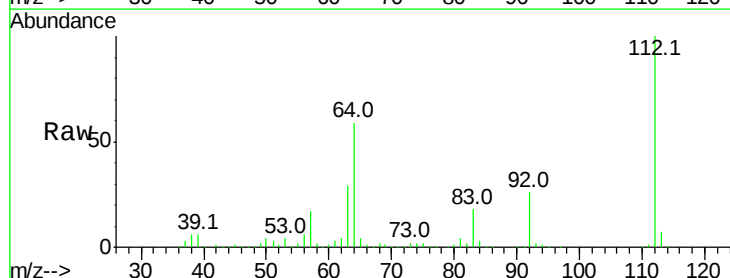
Tgt Ion:112 Resp: 517289

Ion Ratio Lower Upper

112 100

64 59.4 46.0 69.0

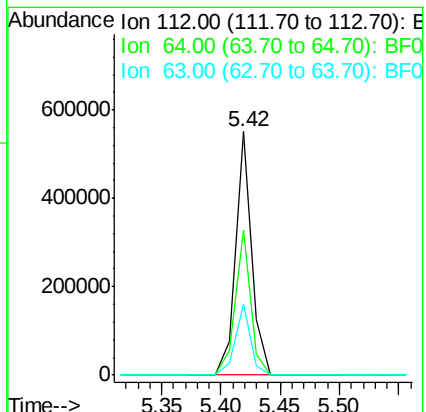
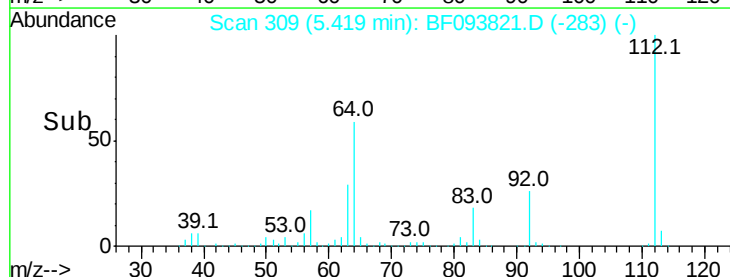
63 28.9 23.4 35.0

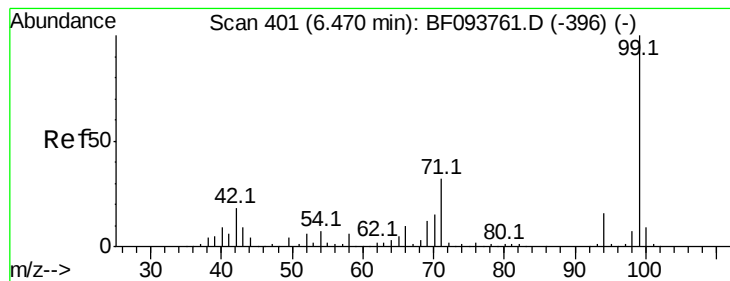


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 28.48 ng

RT: 6.45 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF093821.D

Acq: 22 Mar 2017 7:19

Instrument :

BNA_F

ClientSampleId :

031717-PRRT-E-U-M

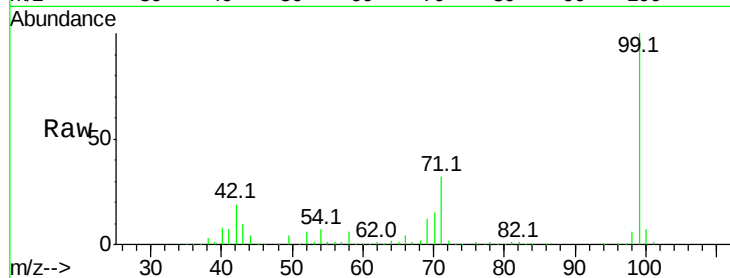
Tot Ion: 99 Resp: 406480

Ion Ratio Lower Upper

99 100

42 19.0 13.5 20.3

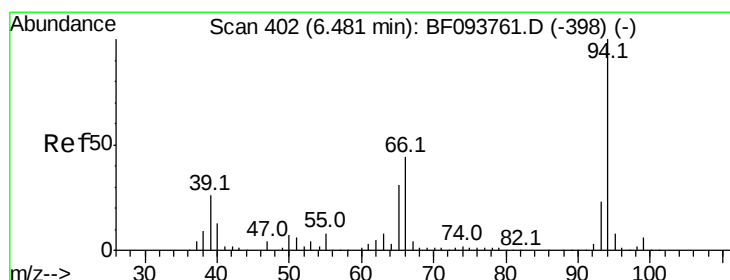
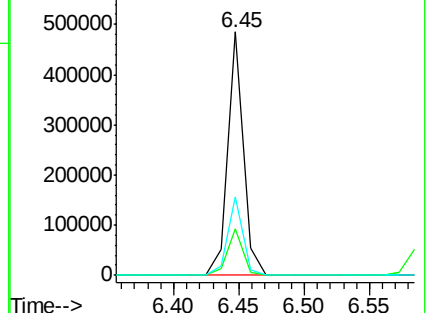
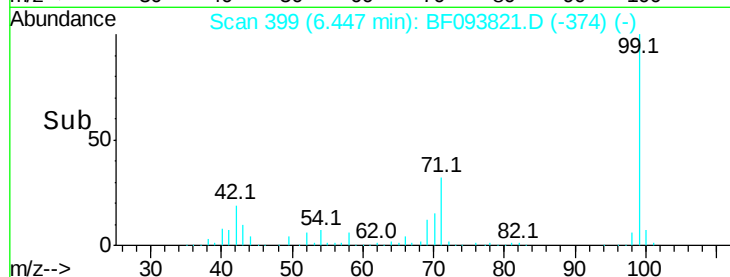
71 32.0 24.5 36.7



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: 3.40 ng

RT: 6.46 min Scan# 400

Delta R.T. -0.01 min

Lab File: BF093821.D

Acq: 22 Mar 2017 7:19

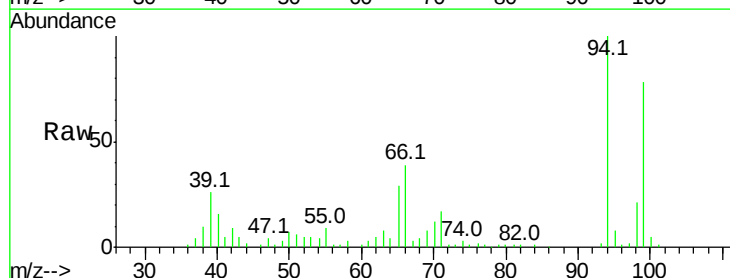
Tgt Ion: 94 Resp: 54484

Ion Ratio Lower Upper

94 100

65 28.7 9.9 49.9

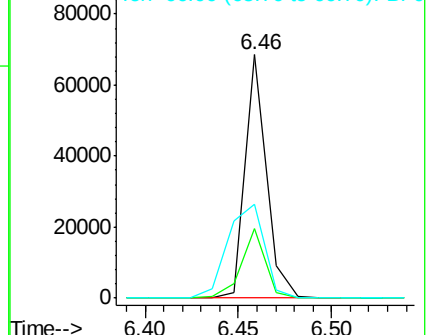
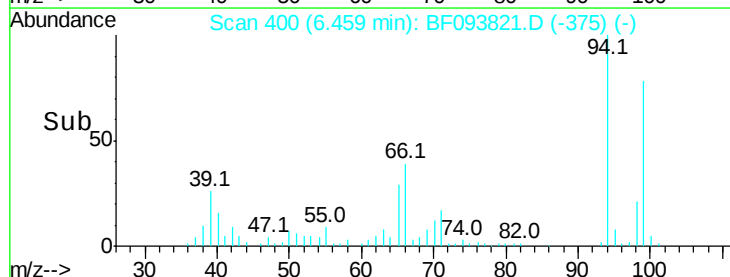
66 38.5 23.1 63.1

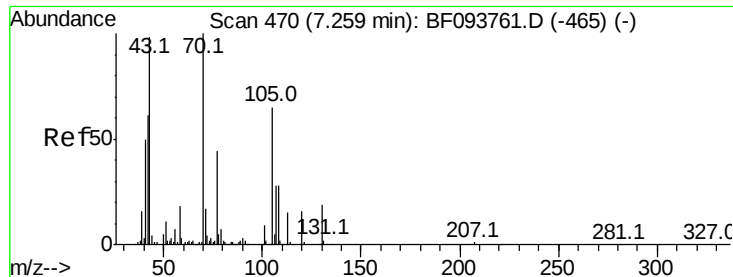


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

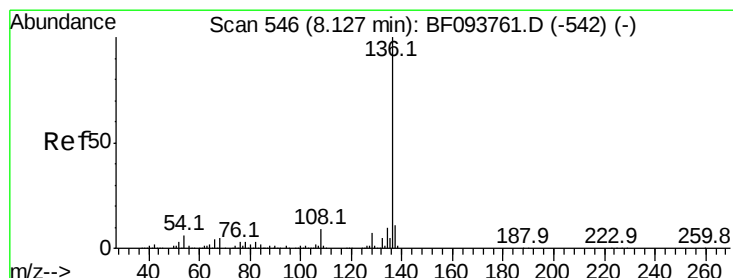
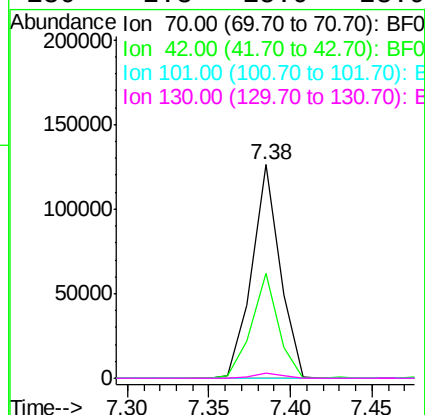
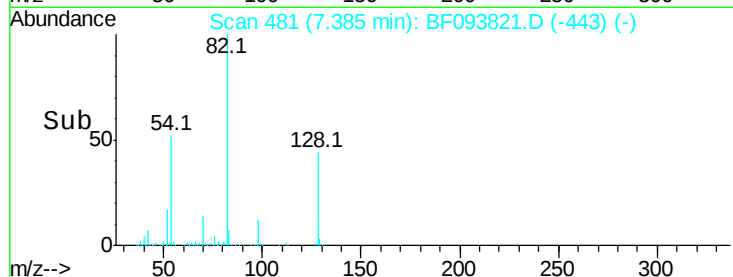
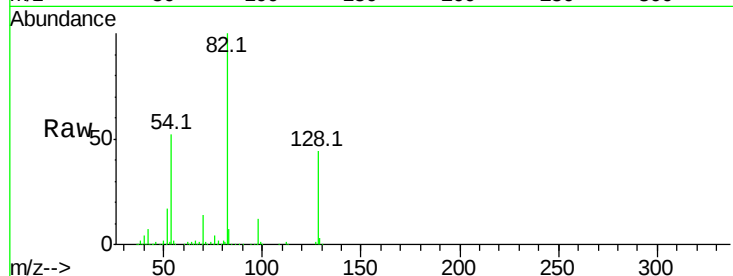




#19
n-Nitroso-di-n-propylamine
Concen: 16.19 ng
RT: 7.38 min Scan# 481
Delta R.T. 0.14 min
Lab File: BF093821.D
Acq: 22 Mar 2017 7:19

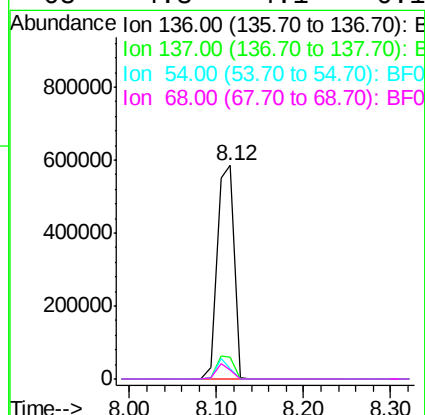
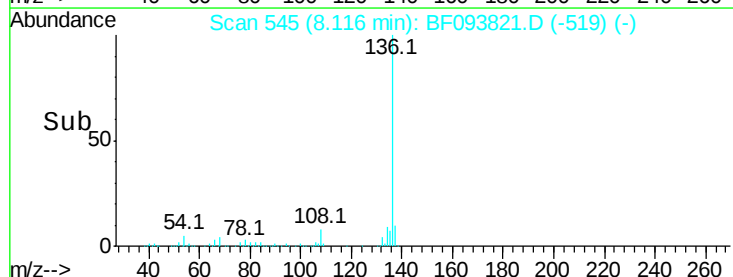
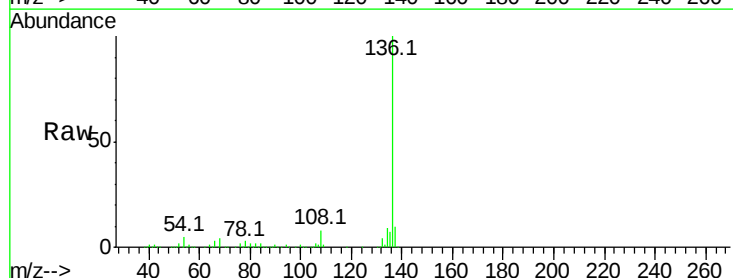
Instrument :
BNA_F
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031717-PRRT-E-U-M

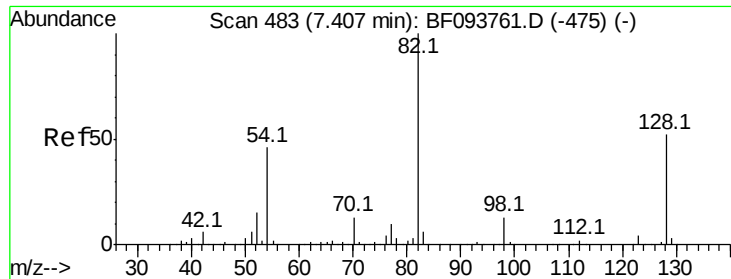
Tot Ion: 70 Resp: 151372
Ion Ratio Lower Upper
70 100
42 49.3 47.2 70.8
101 0.0 7.2 10.8#
130 2.3 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF093821.D
Acq: 22 Mar 2017 7:19

Tgt Ion:136 Resp: 807639
Ion Ratio Lower Upper
136 100
137 10.5 8.5 12.7
54 5.1 4.9 7.3
68 4.3 4.1 6.1

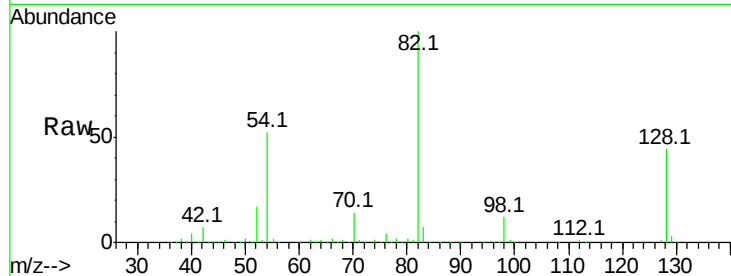




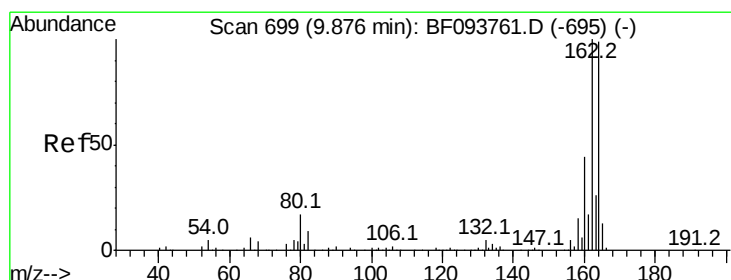
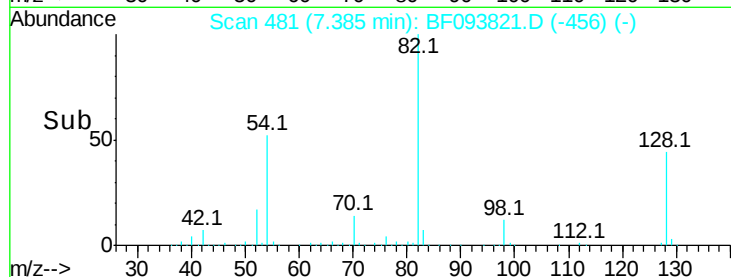
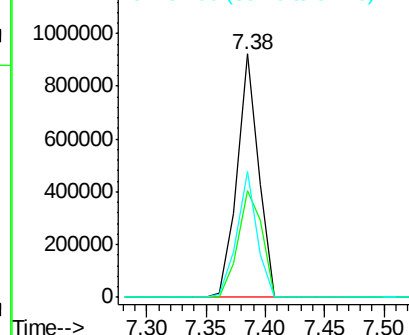
#23
 Nitrobenzene-d5
 Concen: 81.18 ng
 RT: 7.38 min Scan# 481
 Delta R.T. -0.01 min
 Lab File: BF093821.D
 Acq: 22 Mar 2017 7:19

Instrument :
 BNA_F
 ClientSampleId :
 031717-PRRT-E-U-M

Tot Ion: 82 Resp: 1155745
 Ion Ratio Lower Upper
 82 100
 128 43.9 34.0 51.0
 54 51.5 42.2 63.2

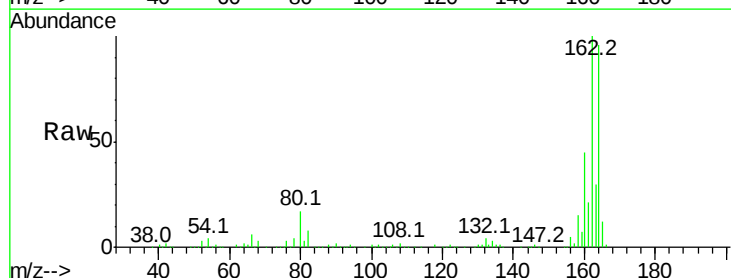


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

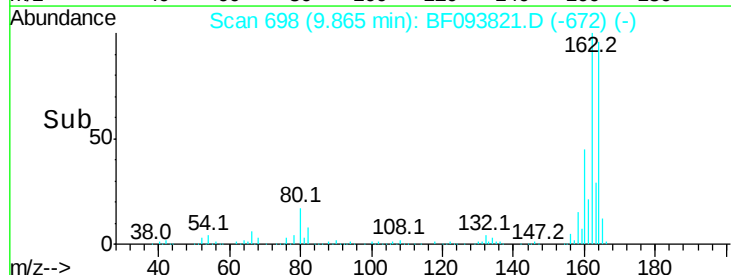
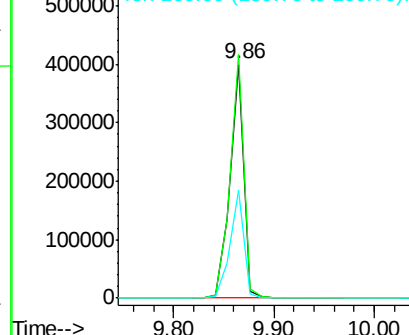


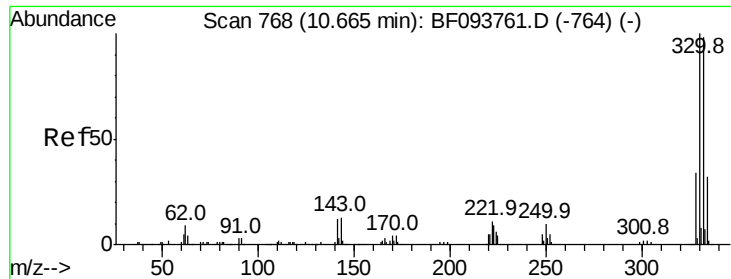
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 698
 Delta R.T. -0.00 min
 Lab File: BF093821.D
 Acq: 22 Mar 2017 7:19

Tgt Ion:164 Resp: 380619
 Ion Ratio Lower Upper
 164 100
 162 104.2 82.6 123.8
 160 46.4 36.2 54.2



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

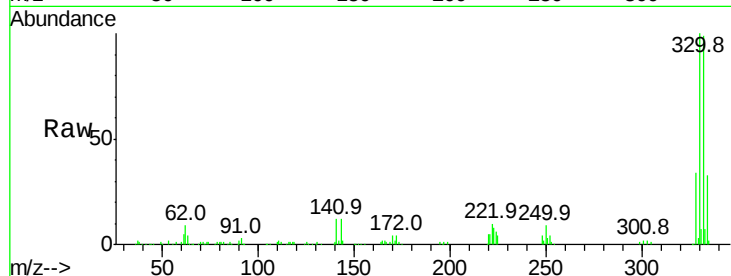




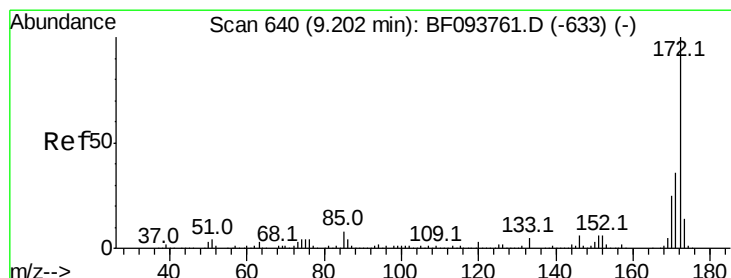
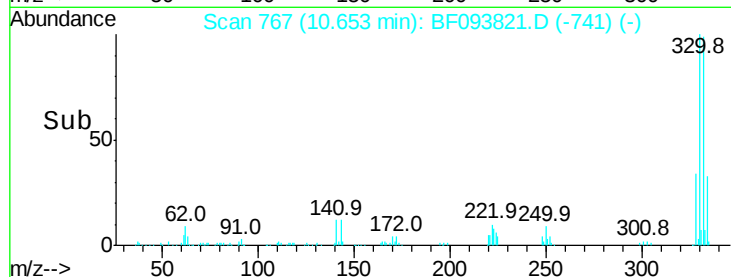
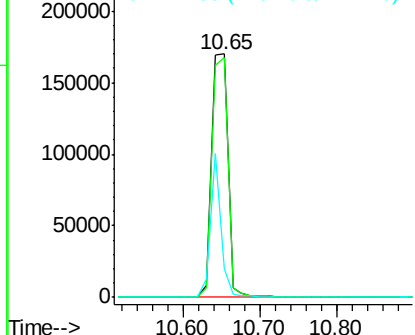
#41
 2,4,6-Tribromophenol
 Concen: 84.58 ng
 RT: 10.65 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BF093821.D
 Acq: 22 Mar 2017 7:19

Instrument :
 BNA_F
 ClientSampleId :
 031717-PRRT-E-U-M

Tot Ion:330 Resp: 249354
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 115.0
 141 37.9 31.4 47.2

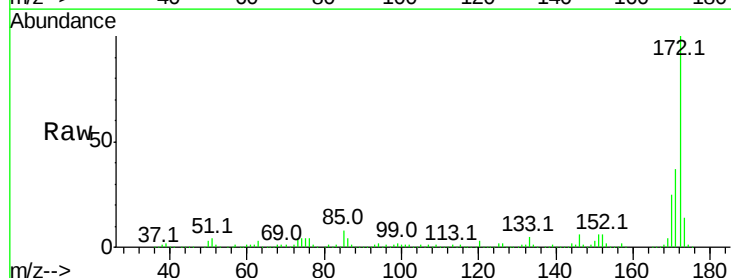


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

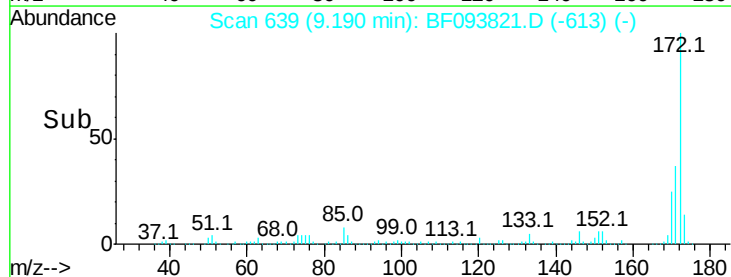
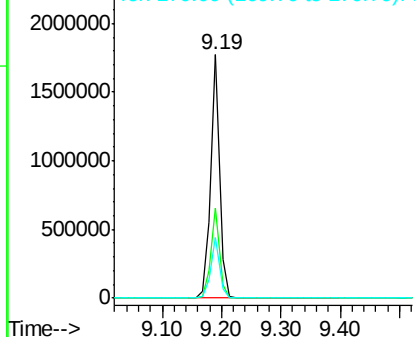


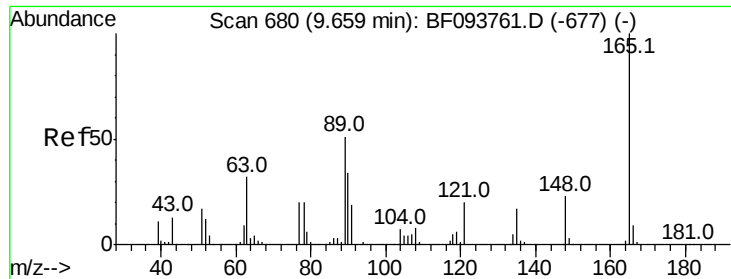
#44
 2-Fluorobiphenyl
 Concen: 81.68 ng
 RT: 9.19 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: BF093821.D
 Acq: 22 Mar 2017 7:19

Tgt Ion:172 Resp: 1848821
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.6 44.4
 170 24.7 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

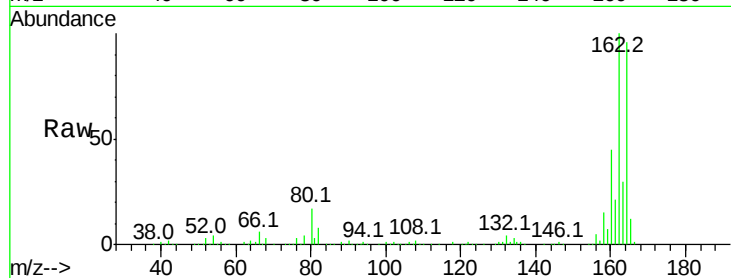




#50
2,6-Dinitrotoluene
Concen: 8.13 ng
RT: 9.86 min Scan# 698
Delta R.T. 0.22 min
Lab File: BF093821.D
Acq: 22 Mar 2017 7:19

Instrument :
BNA_F
ClientSampleId :
031717-PRRT-E-U-M

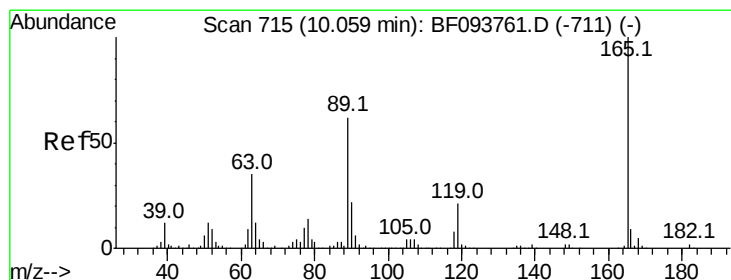
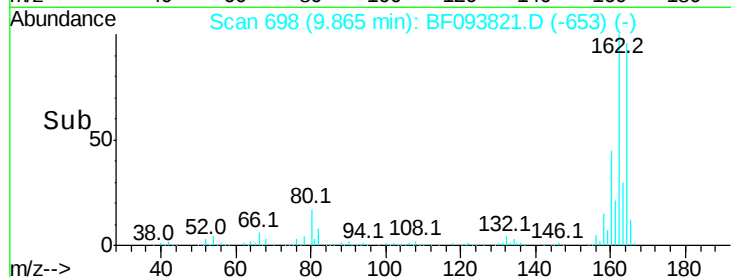
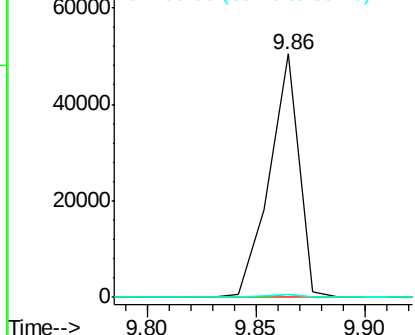
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	34.3	51.5#
89	1.4	37.1	55.7#



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: 6.40 ng
RT: 9.86 min Scan# 698
Delta R.T. -0.18 min
Lab File: BF093821.D
Acq: 22 Mar 2017 7:19

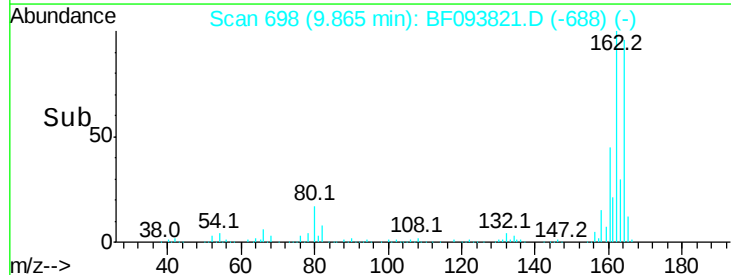
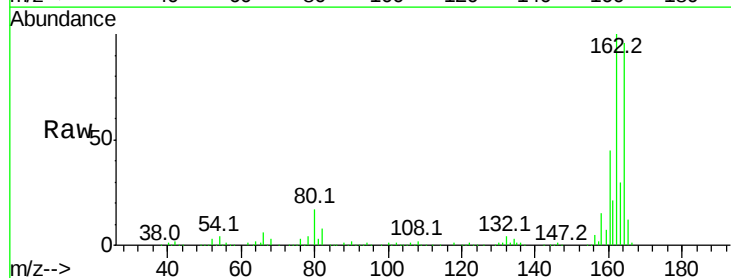
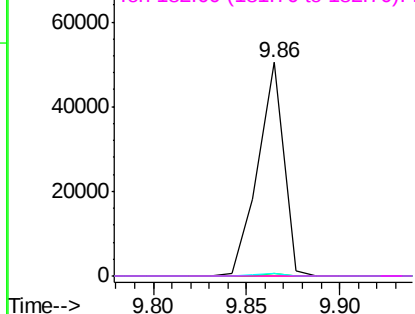
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	25.4	38.0#
89	1.4	46.4	69.6#
182	0.0	1.8	2.6#

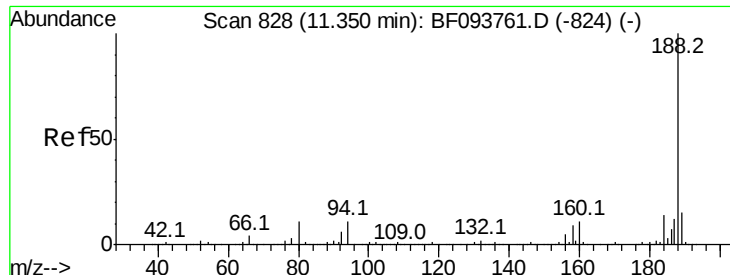
Abundance Ion 165.00 (164.70 to 165.70): E

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

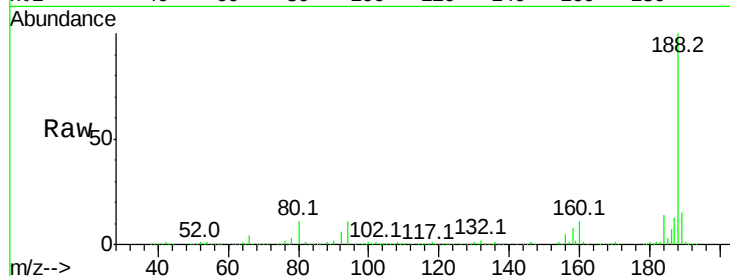




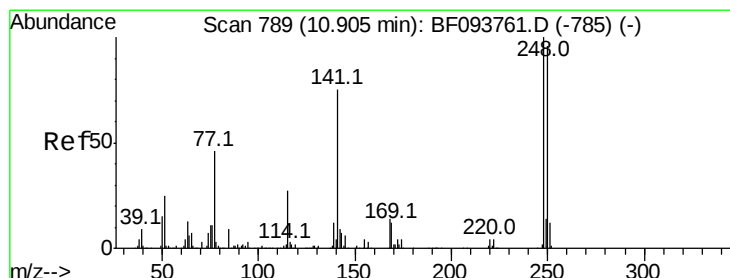
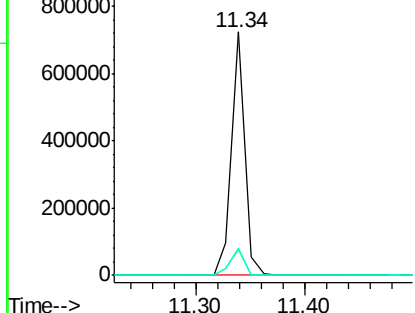
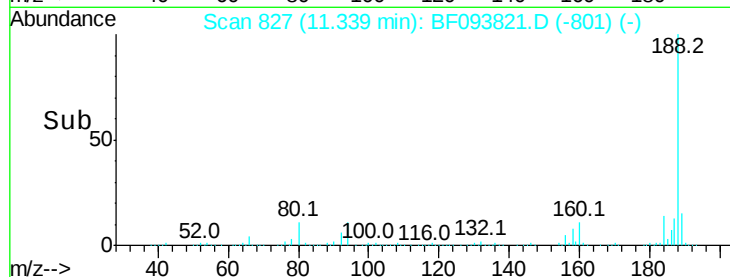
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 827
 Delta R.T. -0.00 min
 Lab File: BF093821.D
 Acq: 22 Mar 2017 7:19

Instrument :
 BNA_F
 ClientSampleId :
 031717-PRRT-E-U-M

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.4	14.2
80	11.0	10.2	15.2

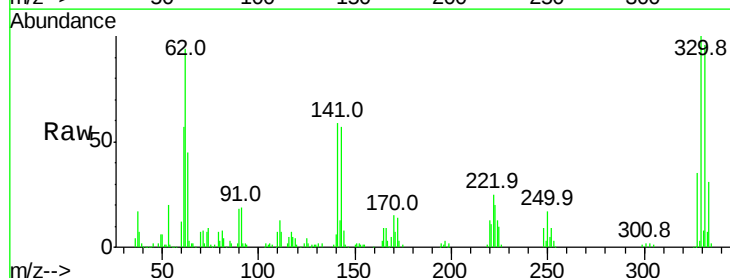


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

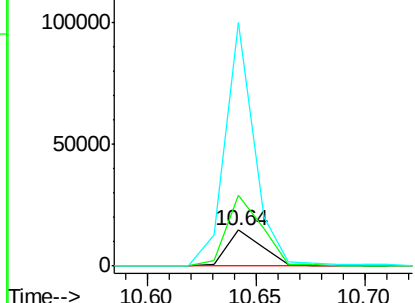
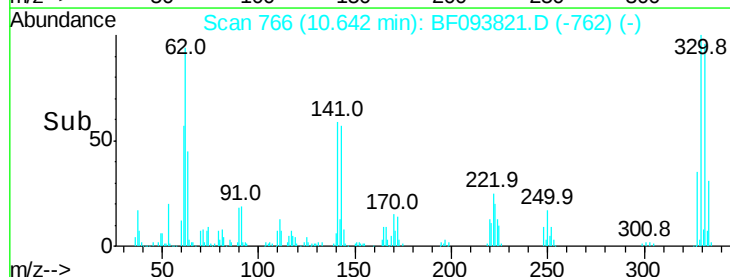


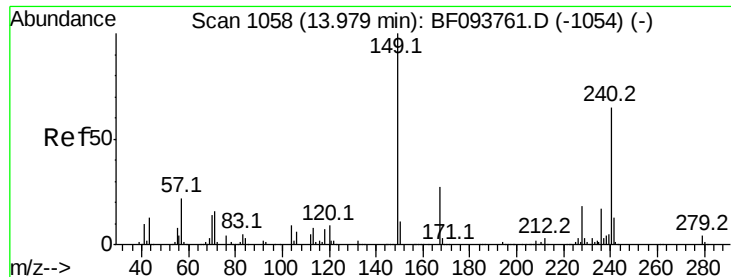
#66
 4-Bromophenyl-phenylether
 Concen: 2.79 ng
 RT: 10.64 min Scan# 766
 Delta R.T. -0.25 min
 Lab File: BF093821.D
 Acq: 22 Mar 2017 7:19

Tgt Ion	Ratio	Lower	Upper
248	100		
250	195.5	76.8	115.2#
141	673.0	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: BF093821.D

Acq: 22 Mar 2017 7:19

Instrument :

BNA_F

ClientSampleId :

031717-PRRT-E-U-M

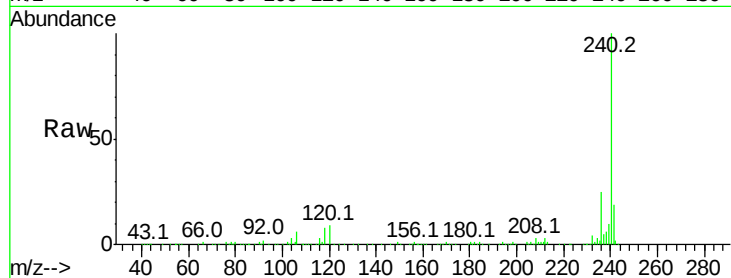
Tot Ion:240 Resp: 392035

Ion Ratio Lower Upper

240 100

120 9.3 5.8 8.8#

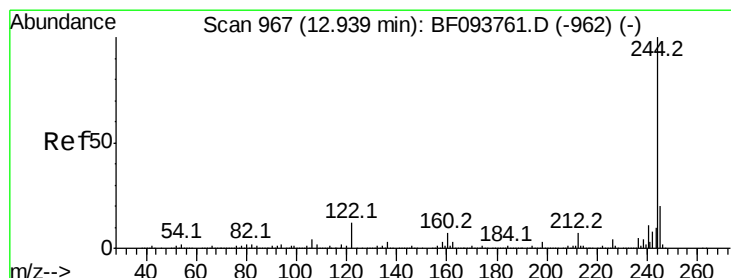
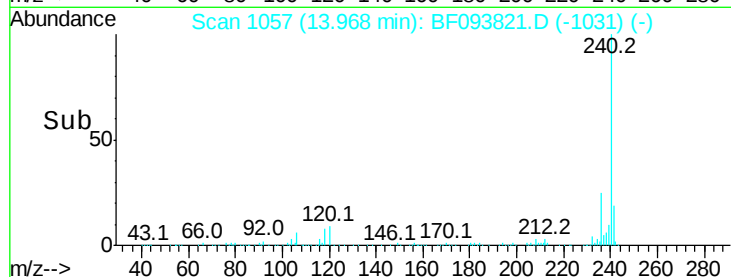
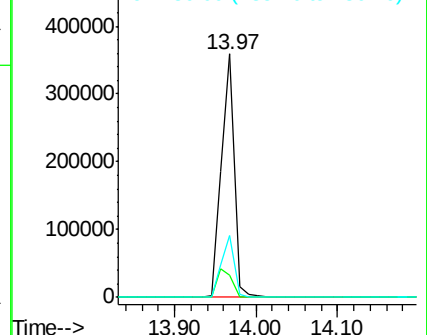
236 25.2 20.5 30.7



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: 70.65 ng

RT: 12.93 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF093821.D

Acq: 22 Mar 2017 7:19

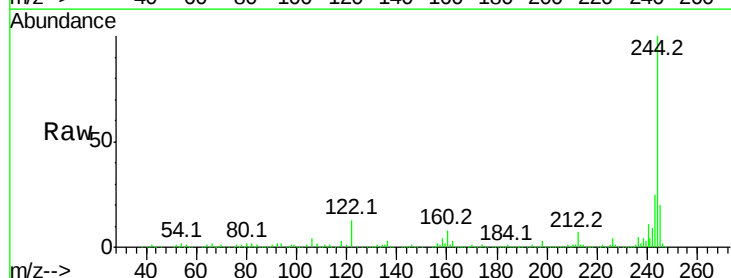
Tgt Ion:244 Resp: 1358512

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

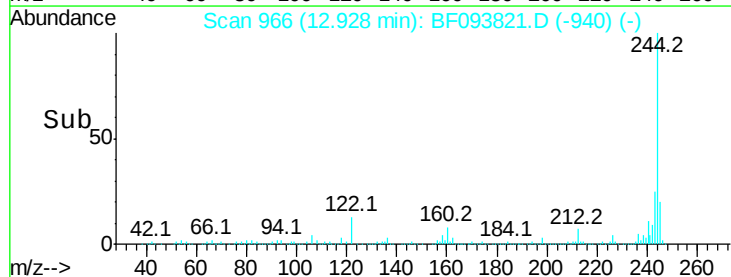
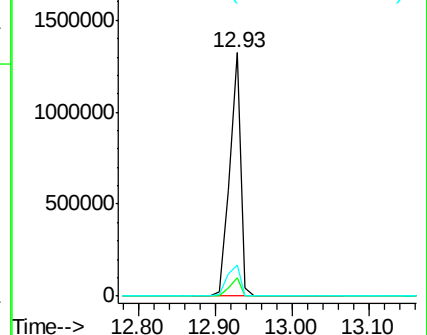
122 12.8 10.3 15.5

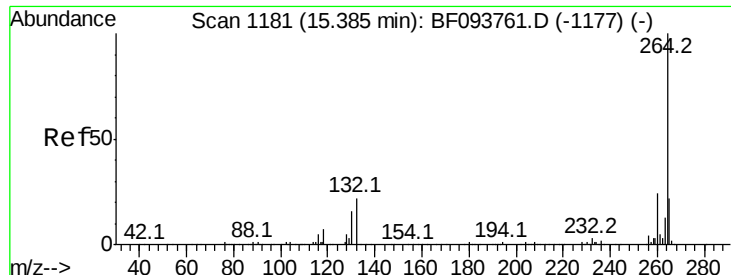


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

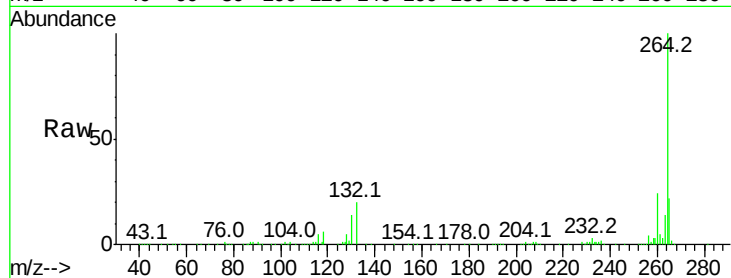




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF093821.D
 Acq: 22 Mar 2017 7:19

Instrument :
 BNA_F
 ClientSampleId :
 031717-PRRT-E-U-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	22.0	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

