

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032117\
 Data File : BF093820.D
 Acq On : 22 Mar 2017 6:51
 Operator : SJ/MA
 Sample : I2323-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

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

Quant Time: Mar 22 07:19:30 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

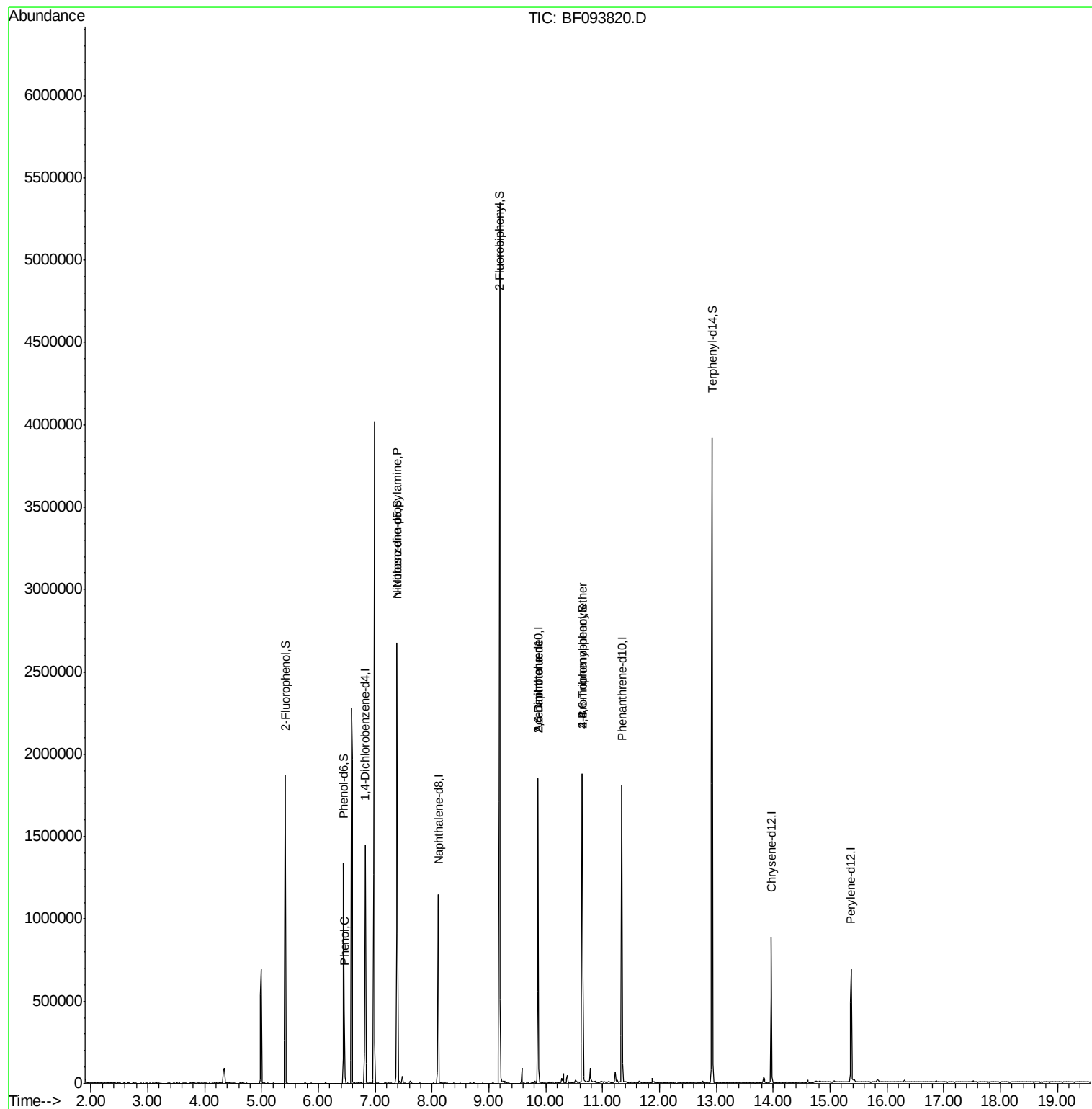
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	201339	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	806432	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	382679	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	594931	20.00	ng	0.00
75) Chrysene-d12	13.97	240	364815	20.00	ng	0.00
86) Perylene-d12	15.37	264	332189	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	502344	43.63	ng	0.00
7) Phenol-d6	6.45	99	404909	28.46	ng	-0.01
23) Nitrobenzene-d5	7.38	82	1080909	76.04	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	230270	77.69	ng	-0.01
44) 2-Fluorobiphenyl	9.19	172	1814611	79.74	ng	0.00
78) Terphenyl-d14	12.93	244	1283636	71.74	ng	0.00
Target Compounds						
10) Phenol	6.46	94	87234	5.45	ng	94
19) n-Nitroso-di-n-propylamine	7.38	70	141749	15.21	ng	# 80
50) 2,6-Dinitrotoluene	9.86	165	48534	8.12	ng	# 34
56) 2,4-Dinitrotoluene	9.86	165	48525	6.39	ng	# 33
66) 4-Bromophenyl-phenylether	10.64	248	15324	2.68	ng	# 1

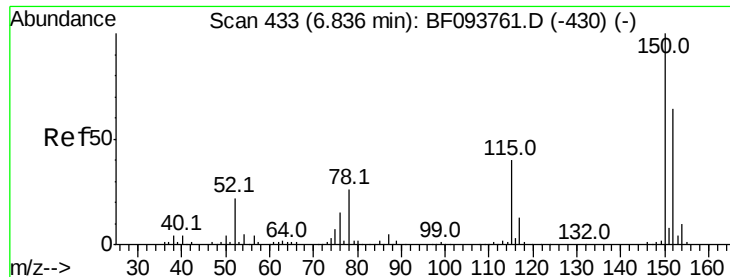
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF093820.D

Acq: 22 Mar 2017 6:51

Instrument :

BNA_F

ClientSampleId :

031717-PRRT-E-D-M

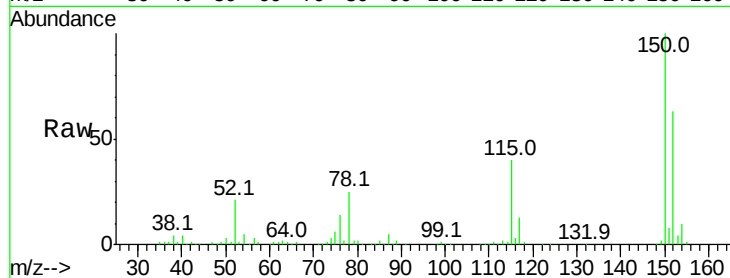
Tot Ion:152 Resp: 201339

Ion Ratio Lower Upper

152 100

150 159.9 126.2 189.2

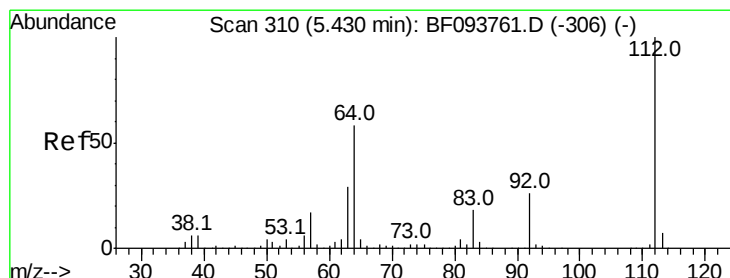
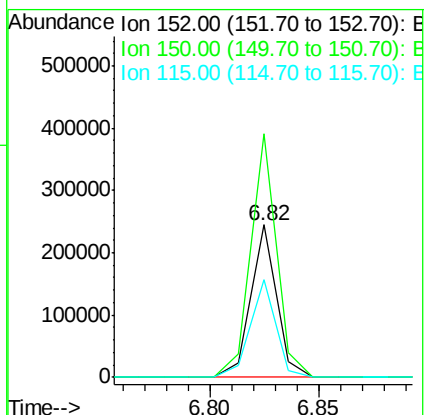
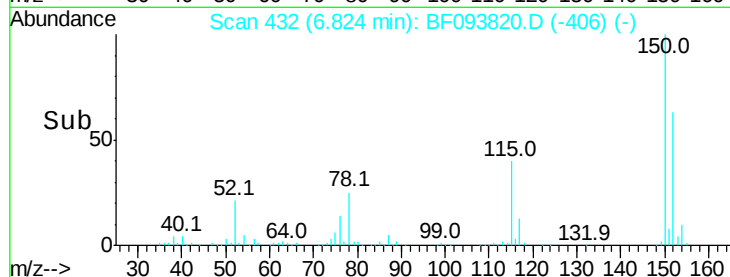
115 64.1 52.2 78.2



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: 43.63 ng

RT: 5.42 min Scan# 309

Delta R.T. -0.00 min

Lab File: BF093820.D

Acq: 22 Mar 2017 6:51

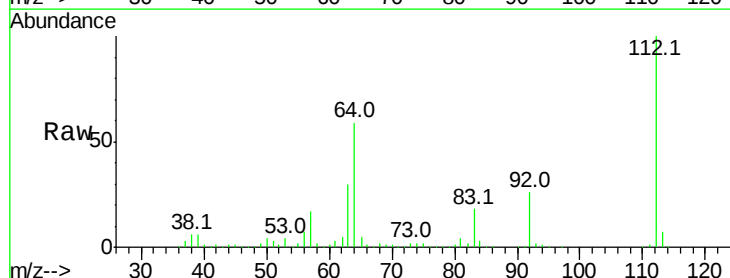
Tgt Ion:112 Resp: 502344

Ion Ratio Lower Upper

112 100

64 59.5 46.0 69.0

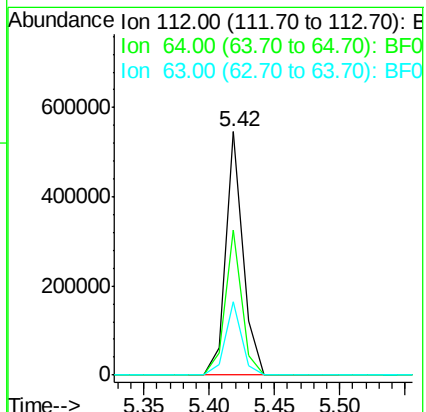
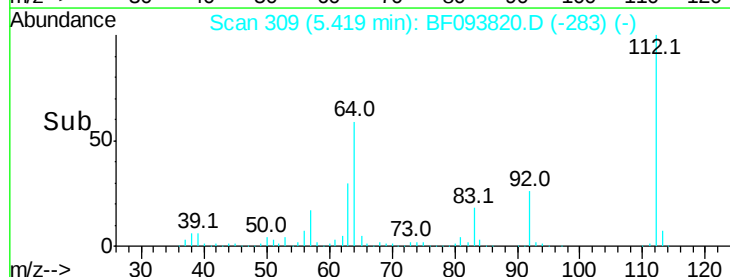
63 30.0 23.4 35.0

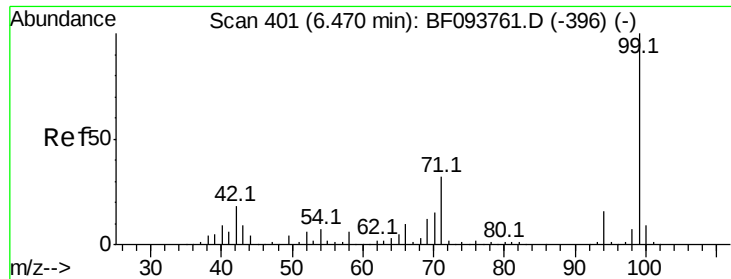


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 28.46 ng

RT: 6.45 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF093820.D

Acq: 22 Mar 2017 6:51

Instrument :

BNA_F

ClientSampleId :

031717-PRRT-E-D-M

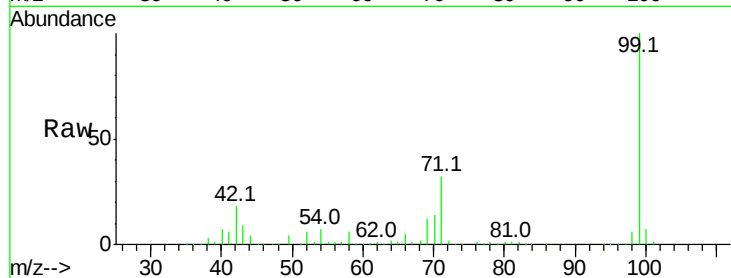
Tot Ion: 99 Resp: 404909

Ion Ratio Lower Upper

99 100

42 18.5 13.5 20.3

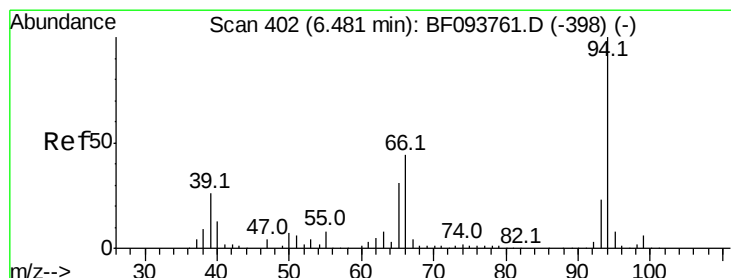
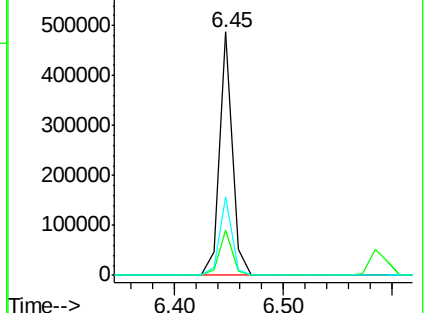
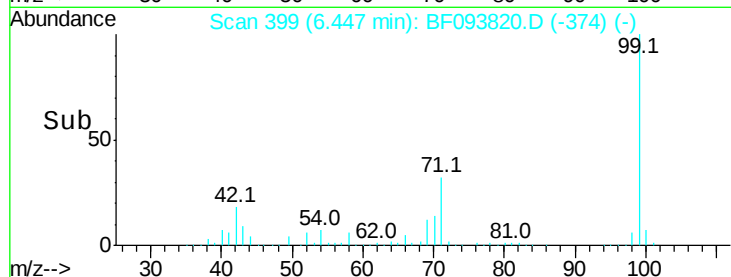
71 32.1 24.5 36.7



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: 5.45 ng

RT: 6.46 min Scan# 400

Delta R.T. -0.01 min

Lab File: BF093820.D

Acq: 22 Mar 2017 6:51

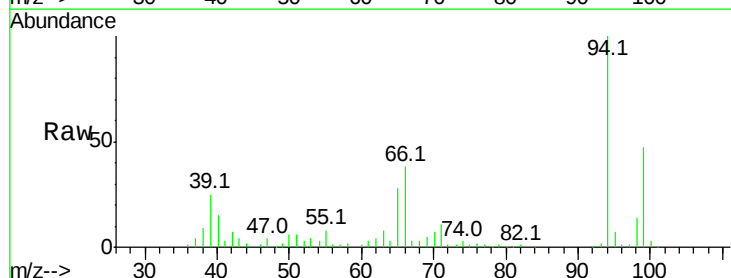
Tgt Ion: 94 Resp: 87234

Ion Ratio Lower Upper

94 100

65 28.2 9.9 49.9

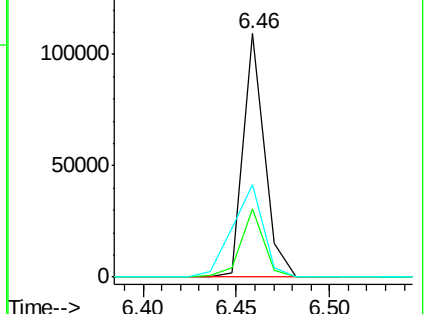
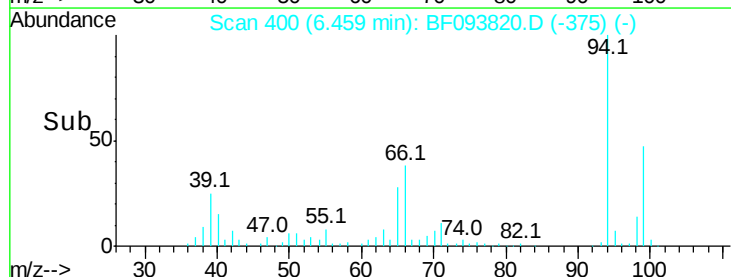
66 37.9 23.1 63.1

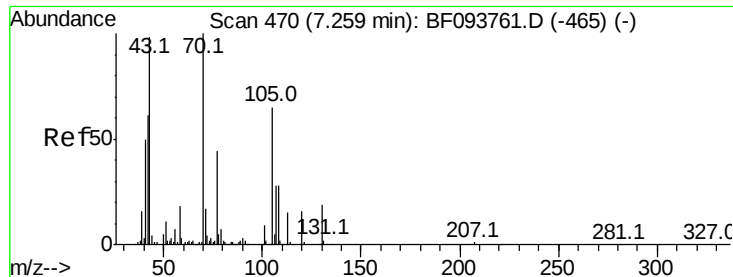


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

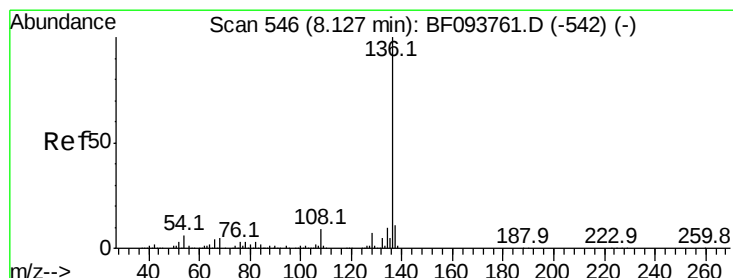
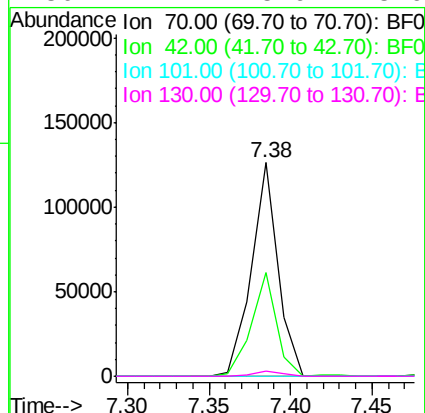
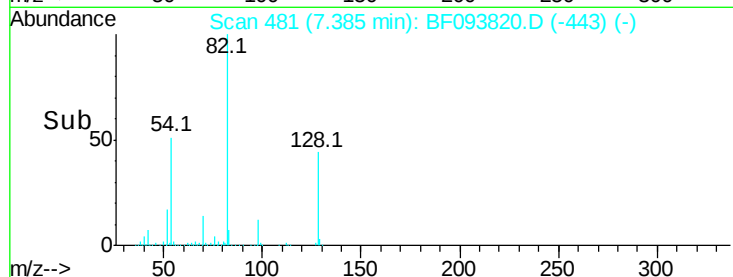
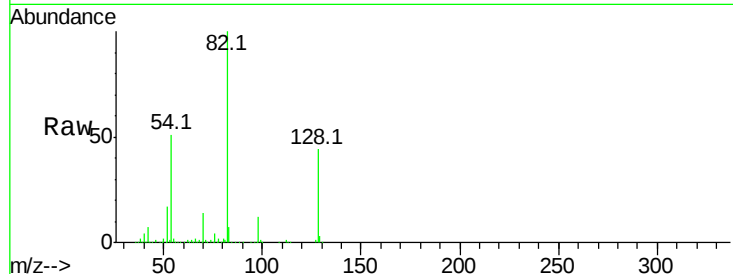




#19
 n-Nitroso-di-n-propylamine
 Concen: 15.21 ng
 RT: 7.38 min Scan# 481
 Delta R.T. 0.14 min
 Lab File: BF093820.D
 Acq: 22 Mar 2017 6:51

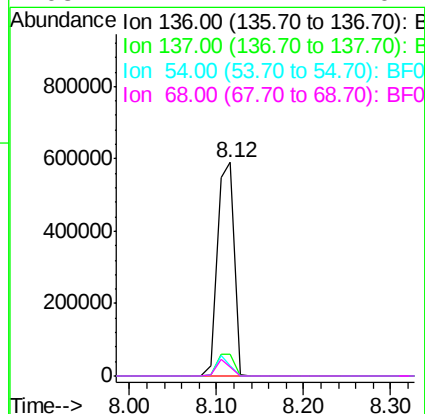
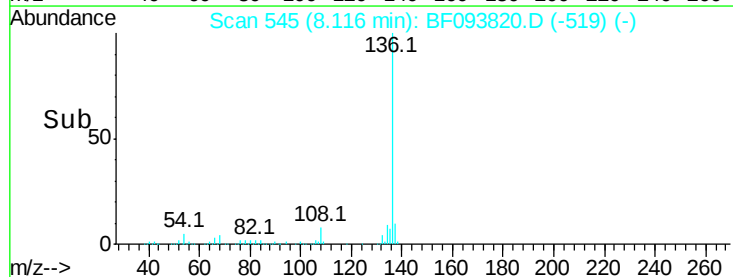
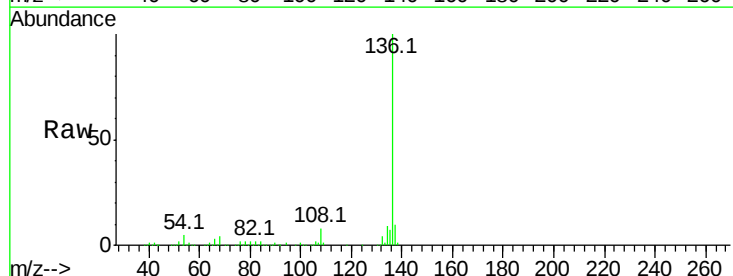
Instrument :
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 031717-PRRT-E-D-M

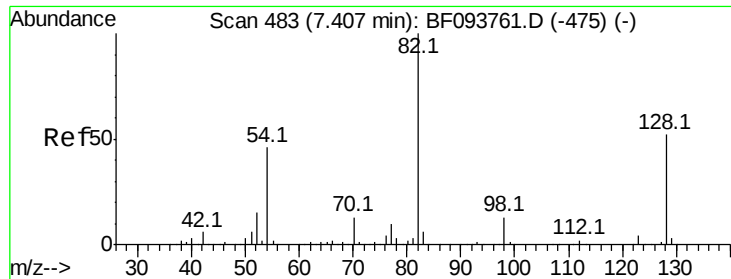
Tot Ion	Ratio	Lower	Upper
70	100		
42	48.8	47.2	70.8
101	0.0	7.2	10.8#
130	2.1	15.9	23.9#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.12 min Scan# 545
 Delta R.T. -0.00 min
 Lab File: BF093820.D
 Acq: 22 Mar 2017 6:51

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.5	12.7
54	4.8	4.9	7.3#
68	4.2	4.1	6.1

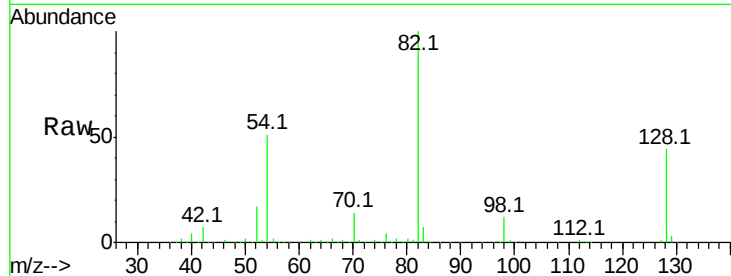




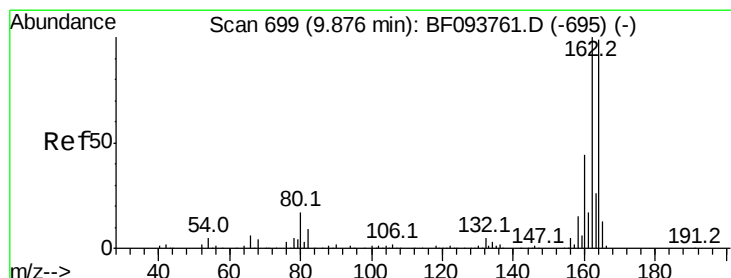
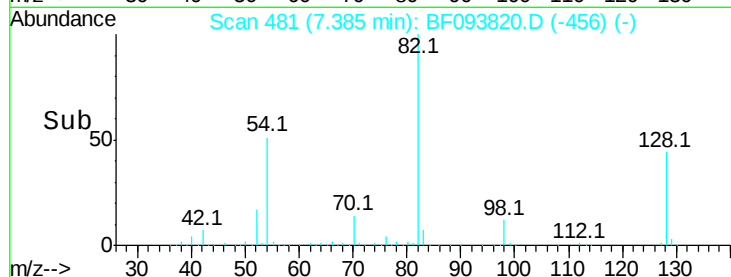
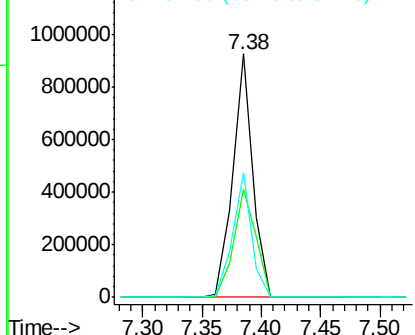
#23
Nitrobenzene-d5
Concen: 76.04 ng
RT: 7.38 min Scan# 481
Delta R.T. -0.01 min
Lab File: BF093820.D
Acq: 22 Mar 2017 6:51

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

Tot Ion: 82 Resp: 1080909
Ion Ratio Lower Upper
82 100
128 44.1 34.0 51.0
54 51.0 42.2 63.2

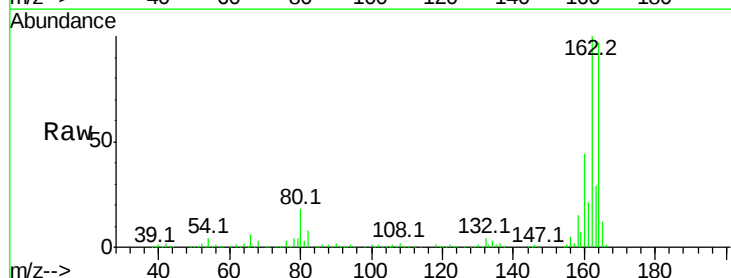


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

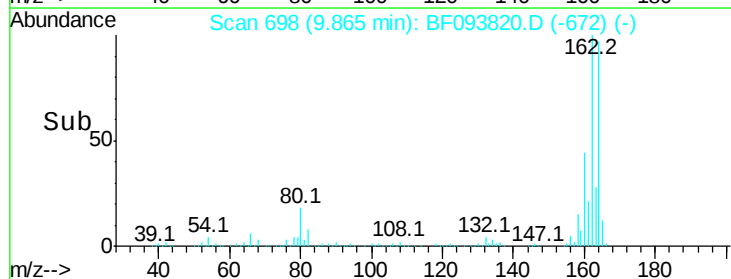
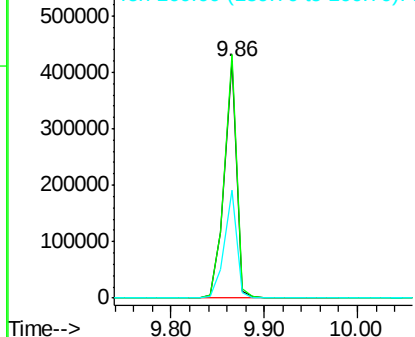


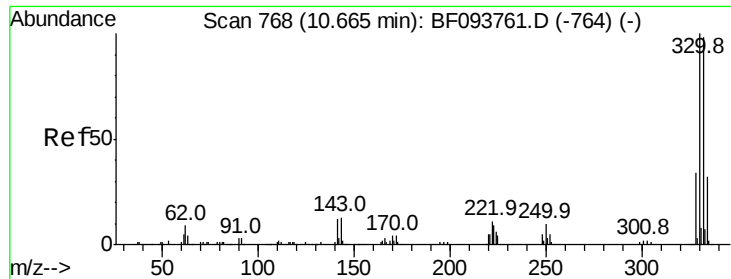
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF093820.D
Acq: 22 Mar 2017 6:51

Tgt Ion:164 Resp: 382679
Ion Ratio Lower Upper
164 100
162 102.8 82.6 123.8
160 45.4 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

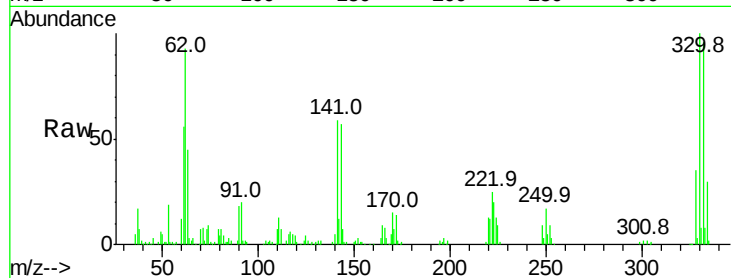




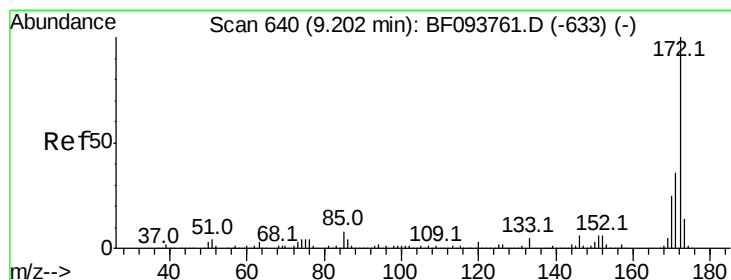
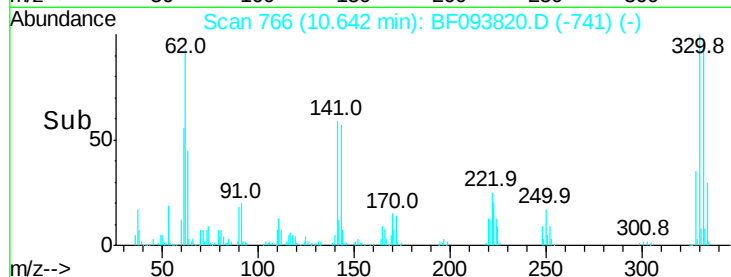
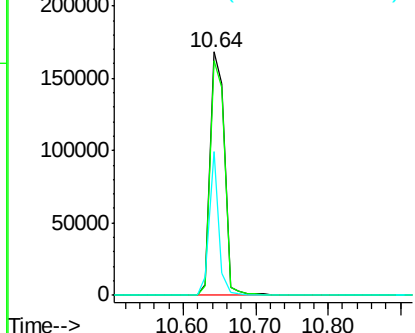
#41
 2,4,6-Tribromophenol
 Concen: 77.69 ng
 RT: 10.64 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: BF093820.D
 Acq: 22 Mar 2017 6:51

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.6	115.0
141	39.4	31.4	47.2

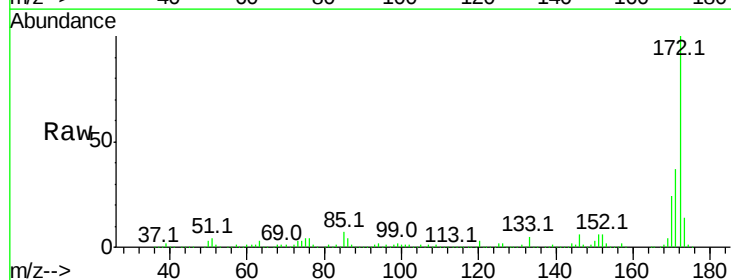


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

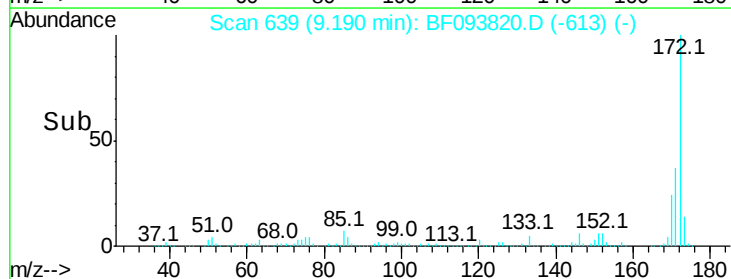
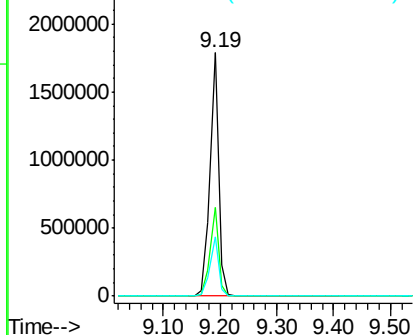


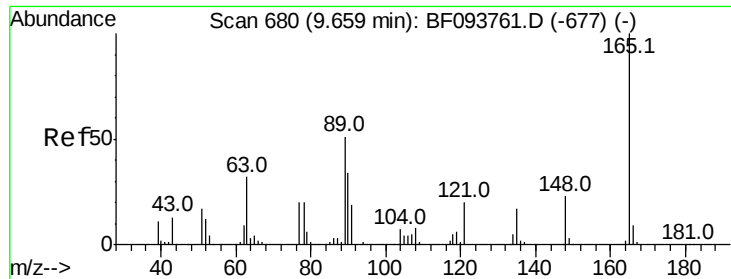
#44
 2-Fluorobiphenyl
 Concen: 79.74 ng
 RT: 9.19 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: BF093820.D
 Acq: 22 Mar 2017 6:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.2	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

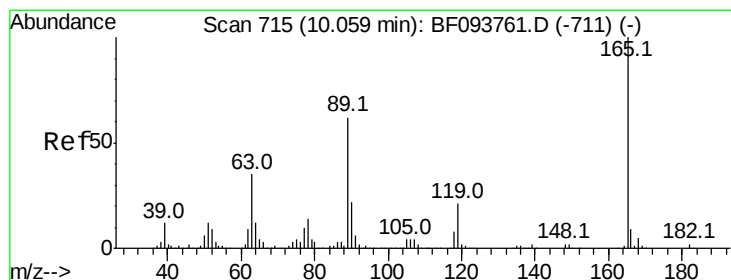
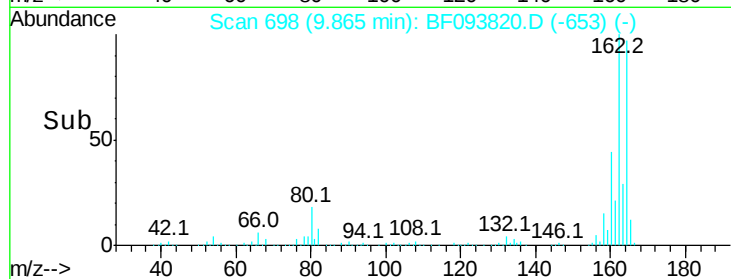
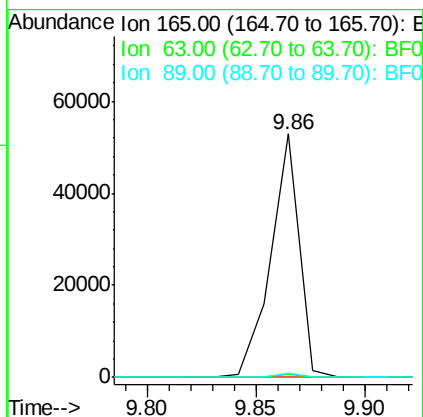
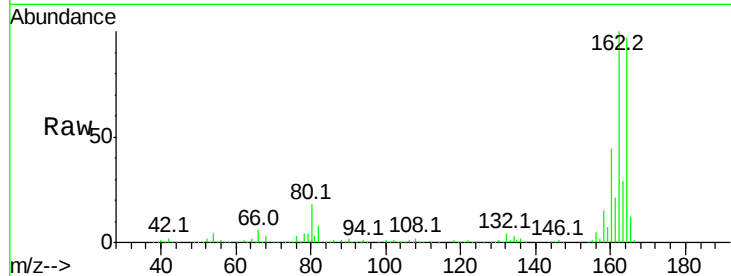




#50
 2,6-Dinitrotoluene
 Concen: 8.12 ng
 RT: 9.86 min Scan# 698
 Delta R.T. 0.22 min
 Lab File: BF093820.D
 Acq: 22 Mar 2017 6:51

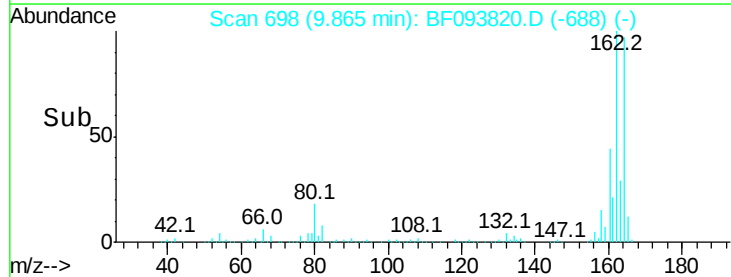
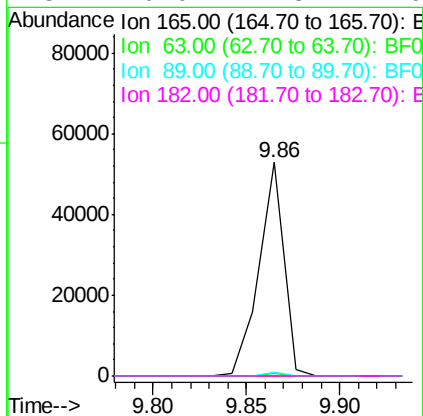
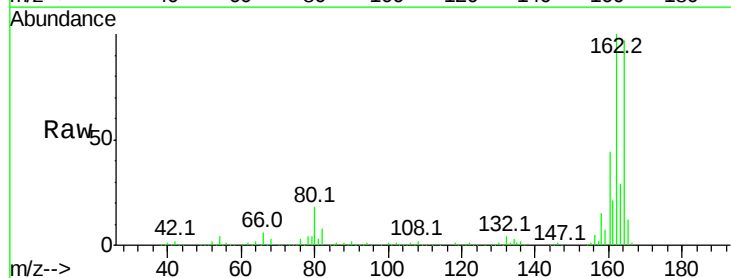
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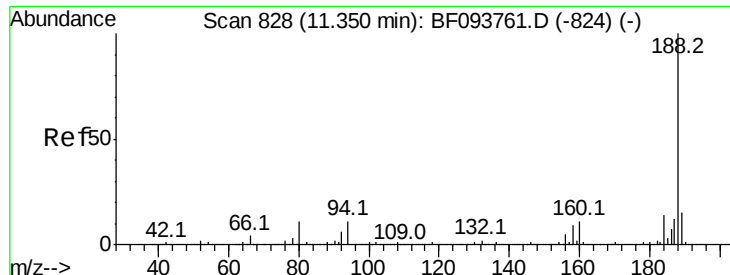
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	34.3	51.5#
89	1.6	37.1	55.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.39 ng
 RT: 9.86 min Scan# 698
 Delta R.T. -0.18 min
 Lab File: BF093820.D
 Acq: 22 Mar 2017 6:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	25.4	38.0#
89	1.6	46.4	69.6#
182	0.0	1.8	2.6#

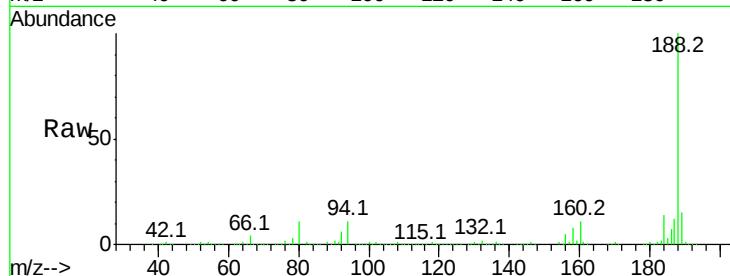




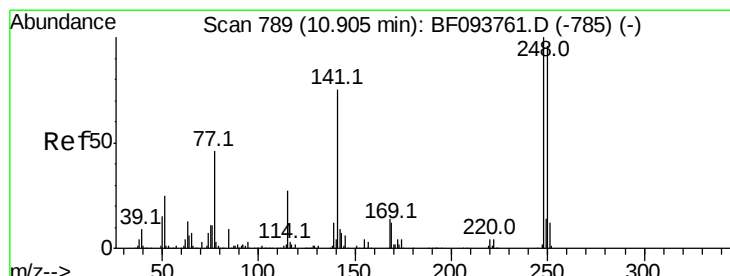
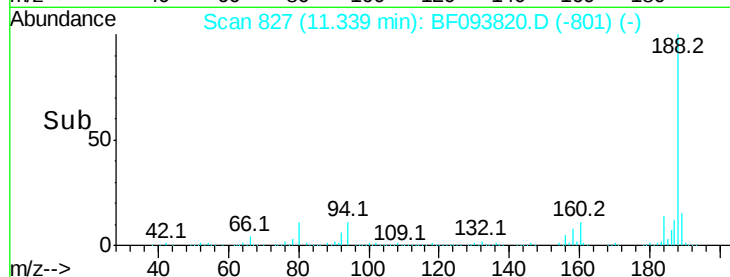
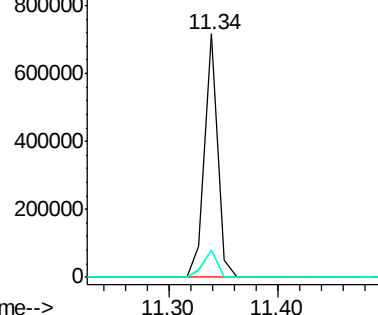
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 827
Delta R.T. -0.00 min
Lab File: BF093820.D
Acq: 22 Mar 2017 6:51

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

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.1	9.4	14.2
80	11.2	10.2	15.2

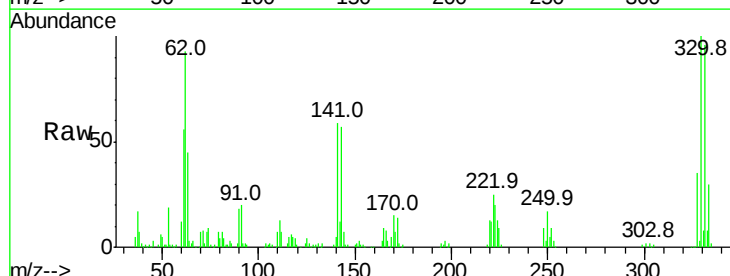


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

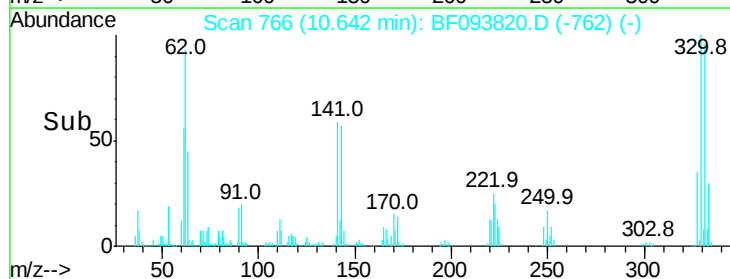
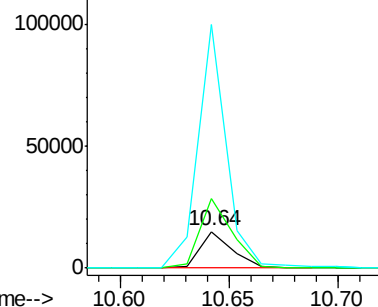


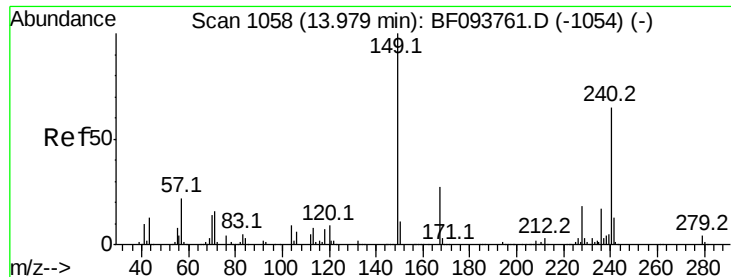
#66
4-Bromophenyl-phenylether
Concen: 2.68 ng
RT: 10.64 min Scan# 766
Delta R.T. -0.25 min
Lab File: BF093820.D
Acq: 22 Mar 2017 6:51

Tgt Ion	Ratio	Lower	Upper
248	100		
250	189.5	76.8	115.2#
141	668.0	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: BF093820.D

Acq: 22 Mar 2017 6:51

Instrument :

BNA_F

ClientSampleId :

031717-PRRT-E-D-M

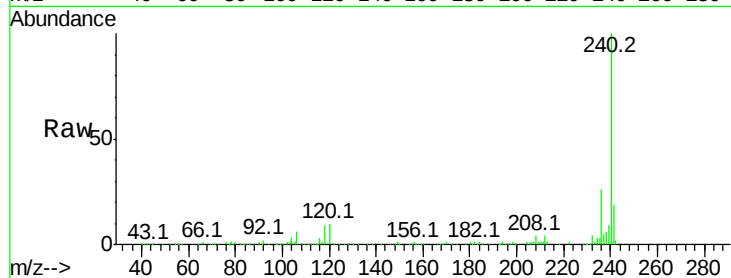
Tot Ion:240 Resp: 364815

Ion Ratio Lower Upper

240 100

120 10.1 5.8 8.8#

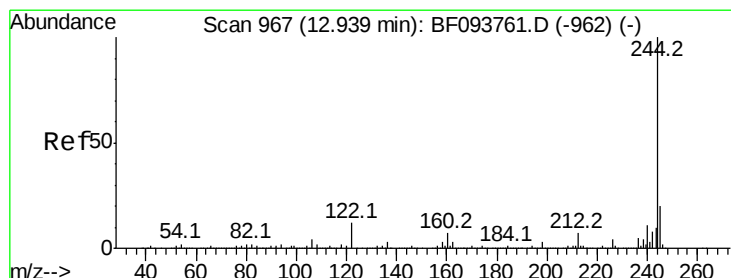
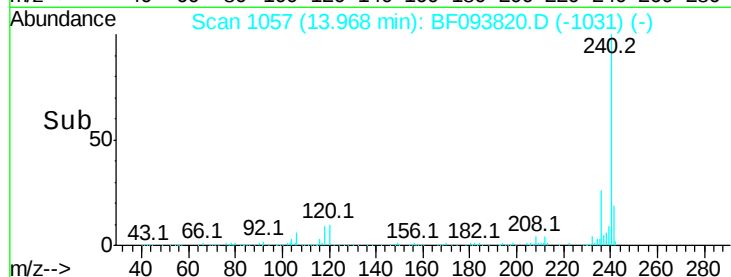
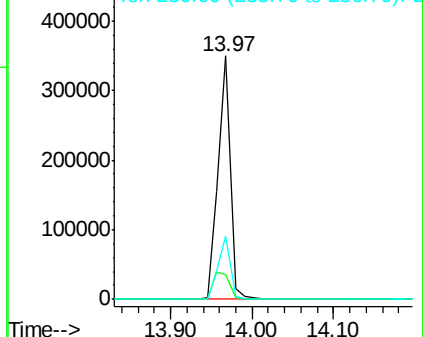
236 25.7 20.5 30.7



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: 71.74 ng

RT: 12.93 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF093820.D

Acq: 22 Mar 2017 6:51

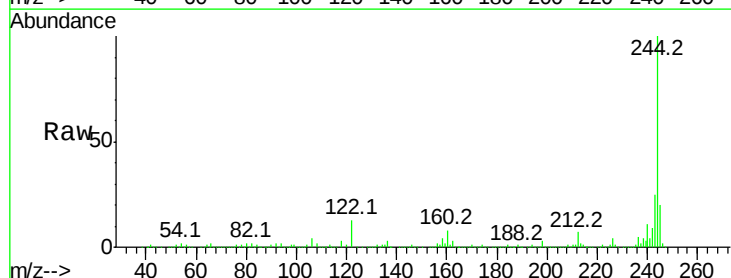
Tgt Ion:244 Resp: 1283636

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

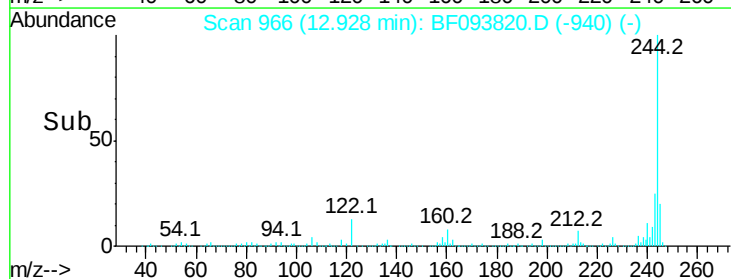
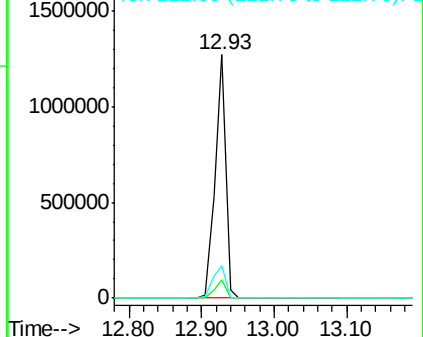
122 13.1 10.3 15.5

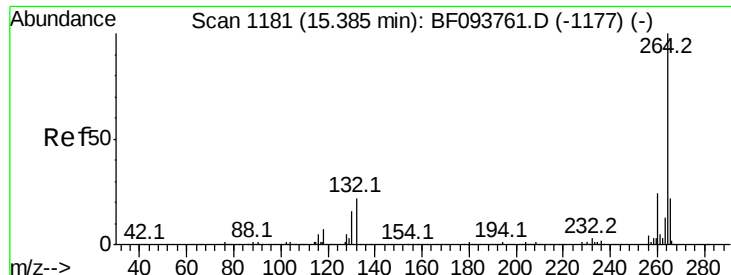


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

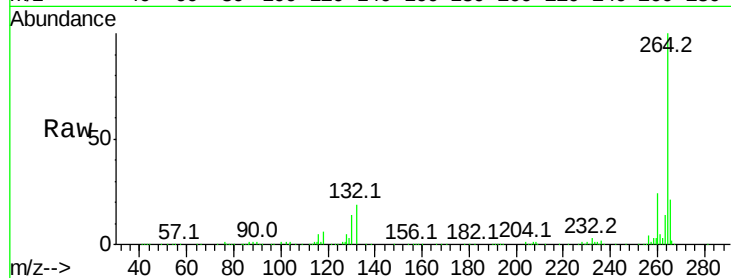




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BF093820.D
Acq: 22 Mar 2017 6:51

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

Tot Ion:264 Resp: 332189
Ion Ratio Lower Upper
264 100
260 24.1 19.5 29.3
265 21.1 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

