

Data Path : Z:\HPCHEM1\BNA F\Data\BF030817\
 Data File : BF093474.D
 Acq On : 9 Mar 2017 13:32
 Operator : SJ/MA
 Sample : I2129-12
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-35

Quant Time: Mar 09 13:56:35 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

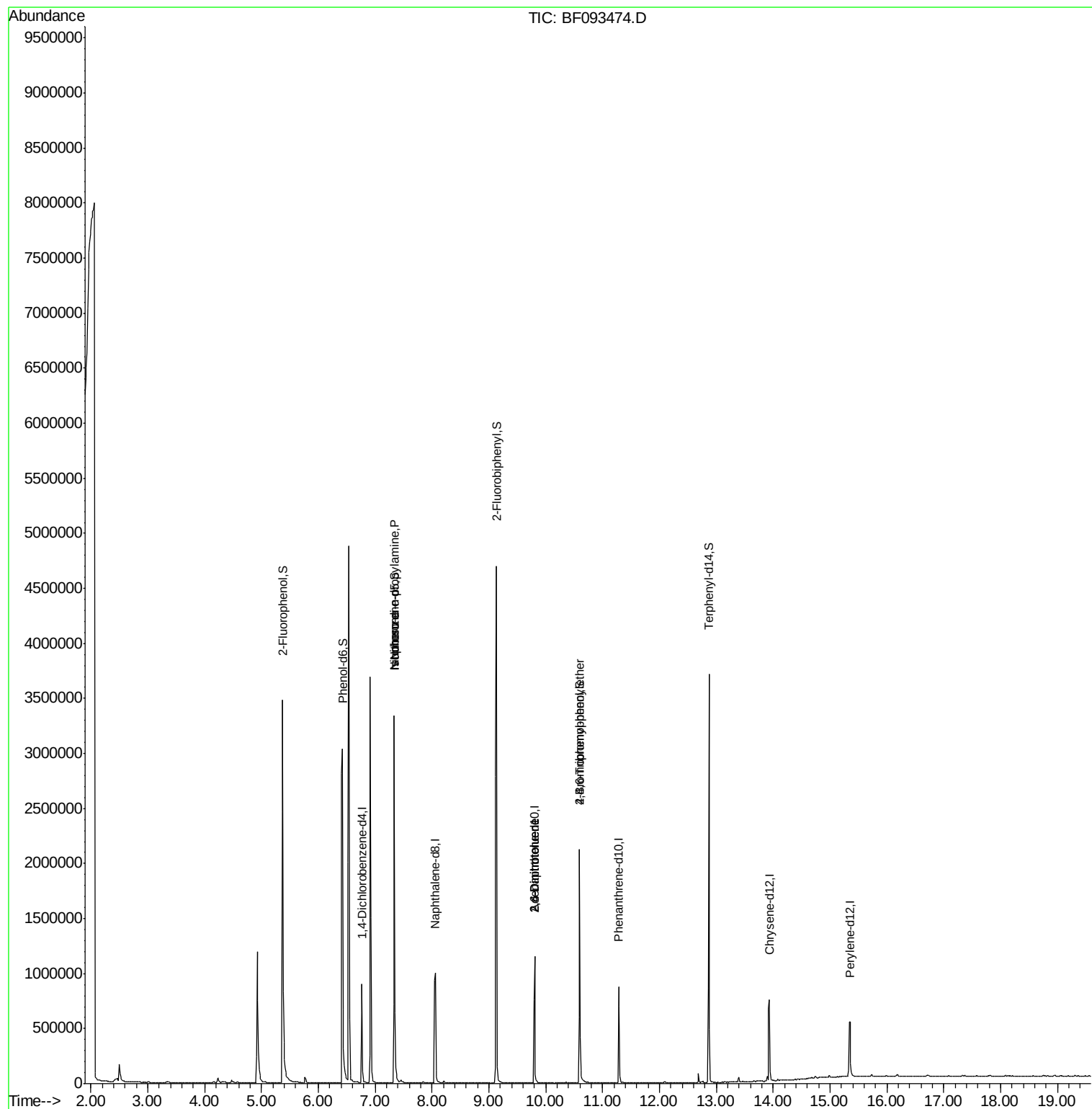
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	179071	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	688345	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	289071	20.00	ng	0.00
63) Phenanthrene-d10	11.28	188	446751	20.00	ng	0.00
75) Chrysene-d12	13.93	240	376704	20.00	ng	0.01
86) Perylene-d12	15.35	264	289668	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1463944	136.06	ng	0.02
7) Phenol-d6	6.42	99	1803984	132.96	ng	0.01
23) Nitrobenzene-d5	7.34	82	1153998	93.02	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	237387	126.05	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1815316	116.81	ng	0.00
78) Terphenyl-d14	12.87	244	1100112	75.93	ng	0.00
Target Compounds						
9) Benzaldehyde	6.42	77	2334	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.34	70	155726	16.69	ng	84
25) Isophorone	7.34	82	963231	38.50	ng	65
50) 2,6-Dinitrotoluene	9.81	165	36545	8.69	ng	32
56) 2,4-Dinitrotoluene	9.81	165	36547	7.07	ng	20
66) 4-Bromophenyl-phenylether	10.60	248	18151	3.84	ng	1

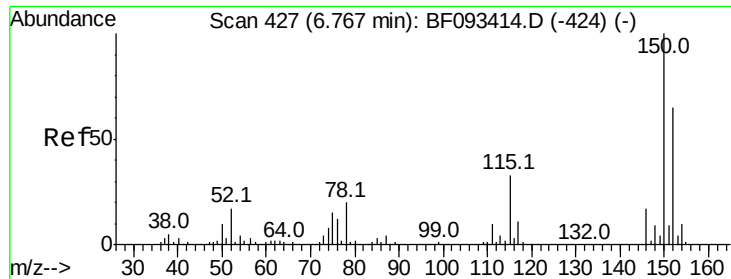
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF093474.D

Acq: 9 Mar 2017 13:32

Instrument :

BNA_F

ClientSampled :

D-35

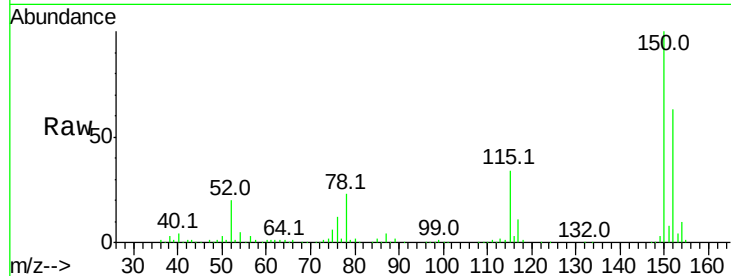
Tot Ion:152 Resp: 179071

Ion Ratio Lower Upper

152 100

150 157.8 124.9 187.3

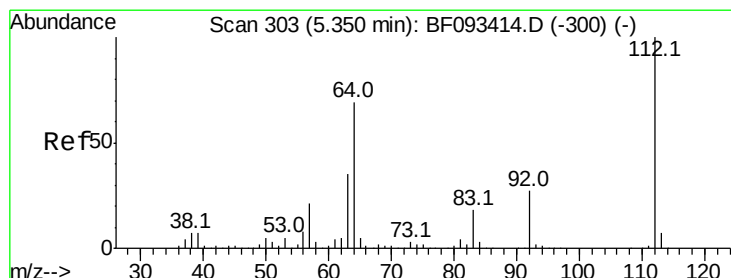
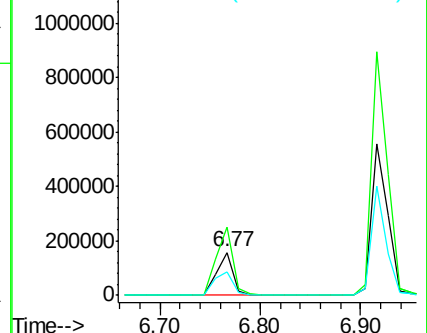
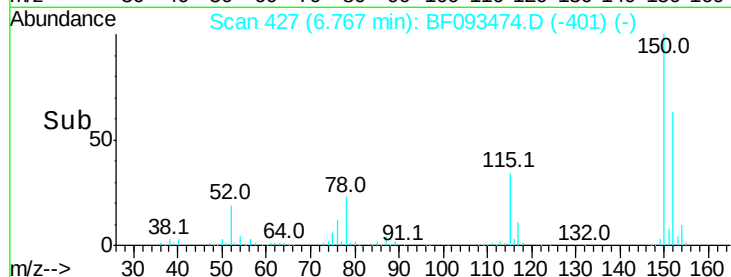
115 54.3 46.0 69.0



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: 136.06 ng

RT: 5.37 min Scan# 305

Delta R.T. 0.02 min

Lab File: BF093474.D

Acq: 9 Mar 2017 13:32

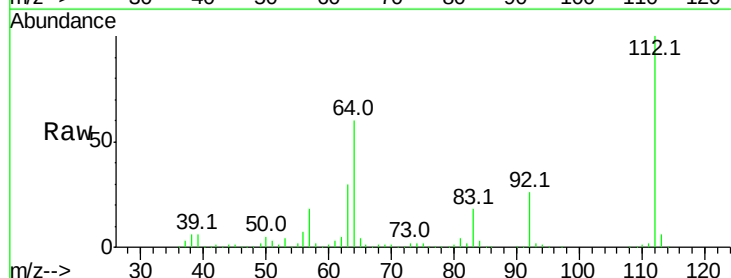
Tgt Ion:112 Resp: 1463944

Ion Ratio Lower Upper

112 100

64 59.9 46.1 69.1

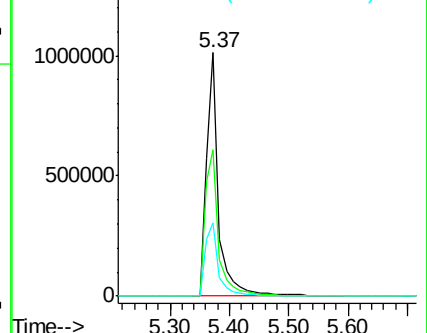
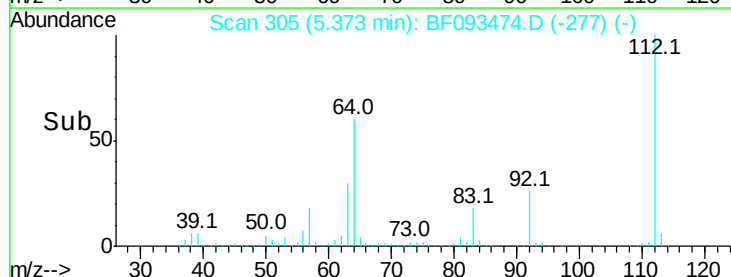
63 30.3 23.8 35.6

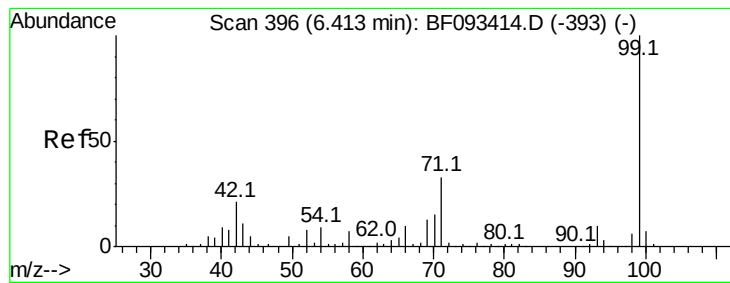


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 132.96 ng

RT: 6.42 min Scan# 397

Delta R.T. 0.01 min

Lab File: BF093474.D

Acq: 9 Mar 2017 13:32

Instrument :

BNA_F

ClientSampled :

D-35

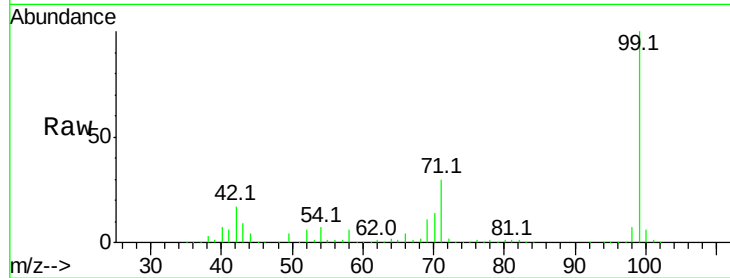
Tot Ion: 99 Resp: 1803984

Ion Ratio Lower Upper

99 100

42 17.0 15.6 23.4

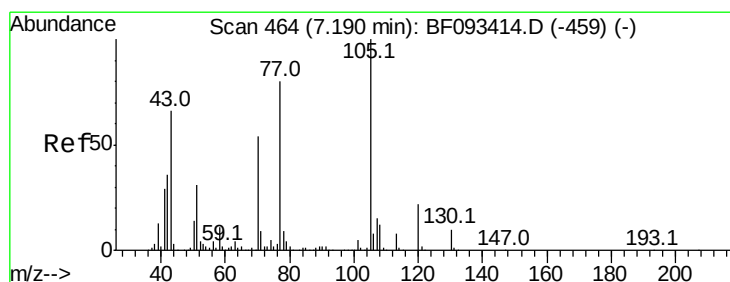
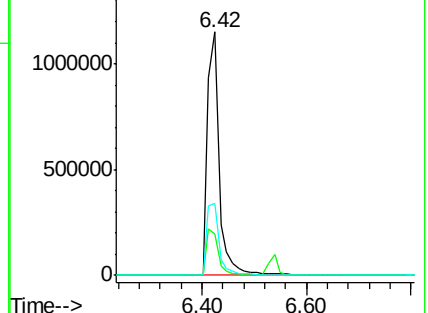
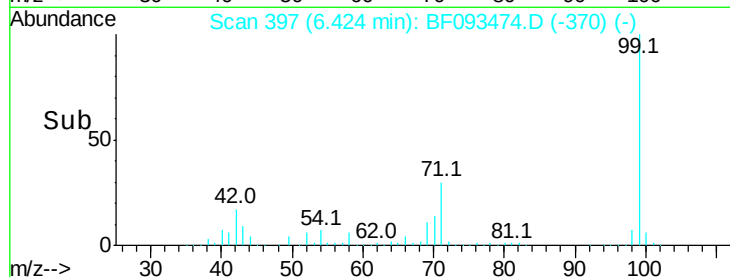
71 29.7 27.5 41.3



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: 16.69 ng

RT: 7.34 min Scan# 477

Delta R.T. 0.15 min

Lab File: BF093474.D

Acq: 9 Mar 2017 13:32

Tgt Ion: 70 Resp: 155726

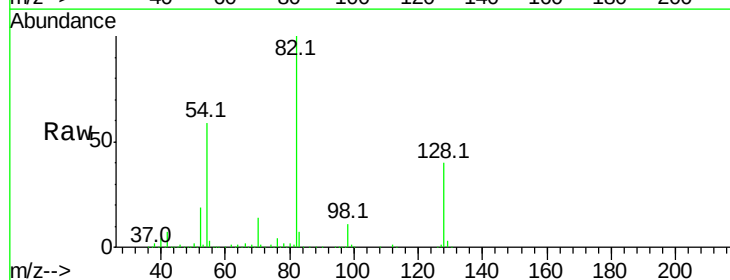
Ion Ratio Lower Upper

70 100

42 54.4 49.4 74.0

101 0.0 7.4 11.2#

130 2.1 14.2 21.4#

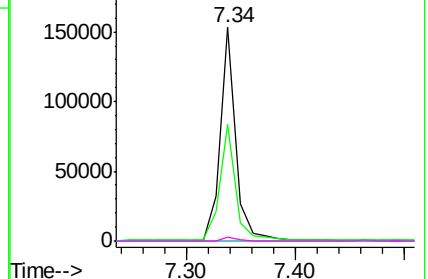
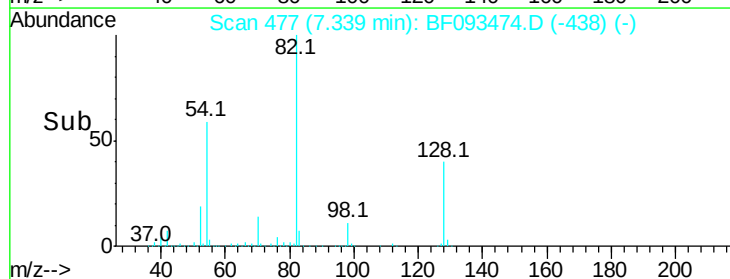


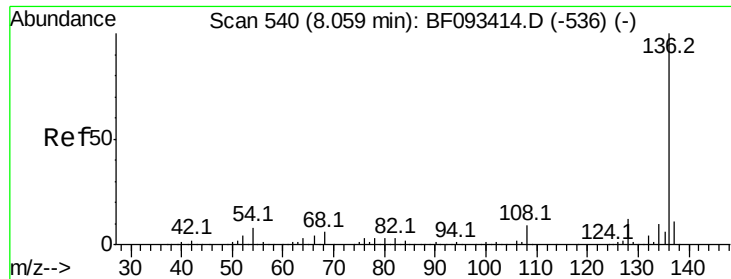
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

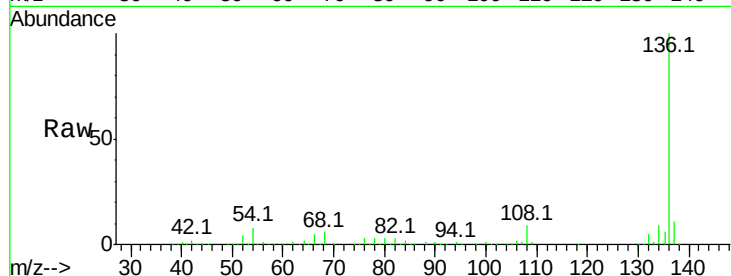




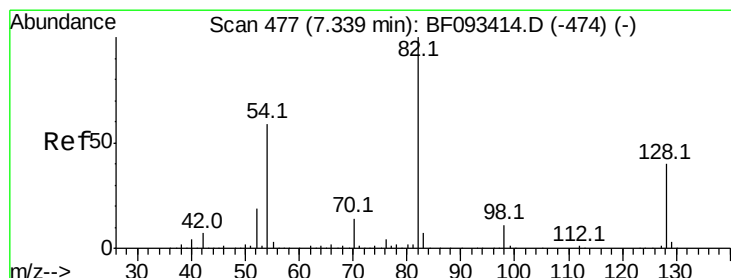
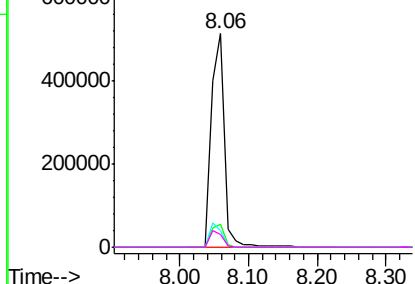
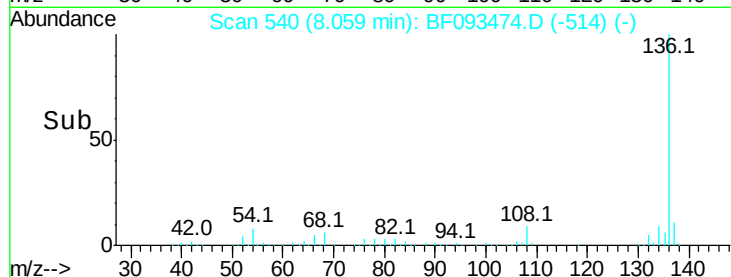
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF093474.D
Acq: 9 Mar 2017 13:32

Instrument :
BNA_F
ClientSampleId :
D-35

Tot Ion:	136	Resp:	688345
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	7.6	4.5	6.7#
68	6.0	3.6	5.4#

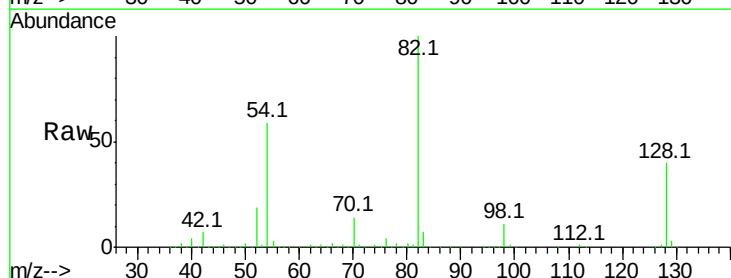


Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

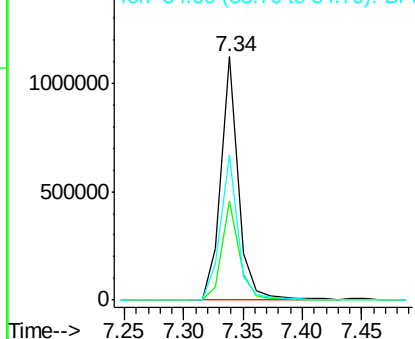
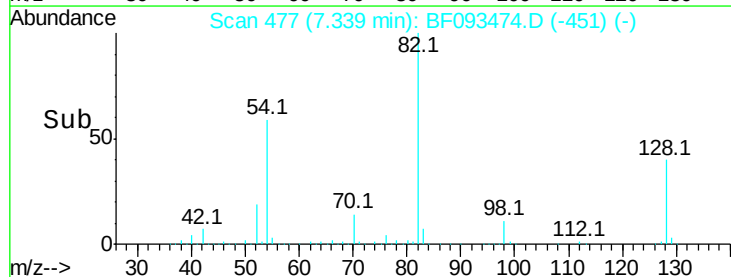


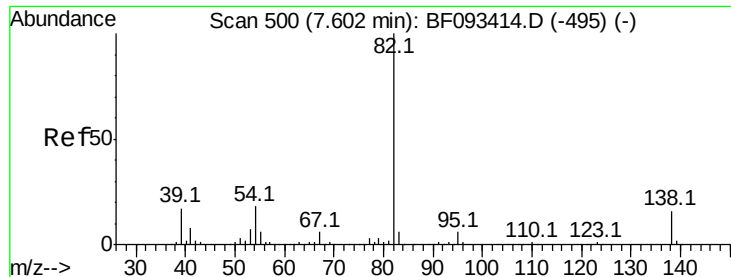
#23
Nitrobenzene-d5
Concen: 93.02 ng
RT: 7.34 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF093474.D
Acq: 9 Mar 2017 13:32

Tgt Ion:	82	Resp:	1153998
Ion	Ratio	Lower	Upper
82	100		
128	40.5	34.6	52.0
54	59.4	39.5	59.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0
1500000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 38.50 ng

RT: 7.34 min Scan# 477

Delta R.T. -0.26 min

Lab File: BF093474.D

Acq: 9 Mar 2017 13:32

Instrument :

BNA_F

ClientSampleId :

D-35

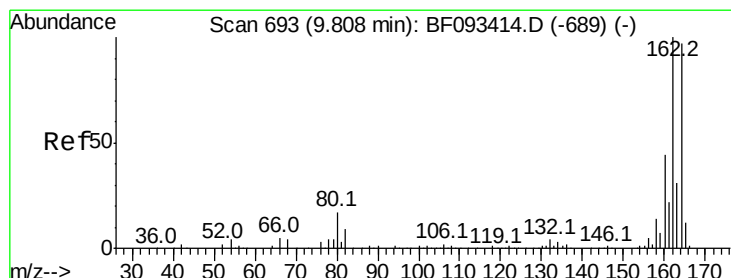
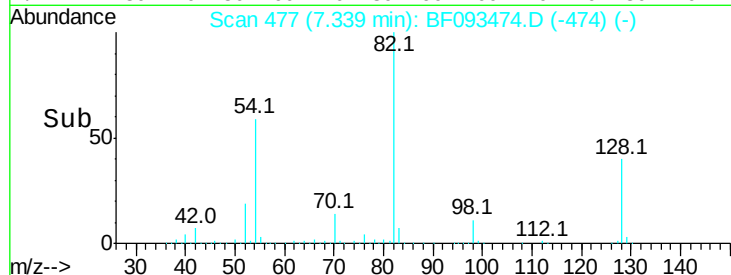
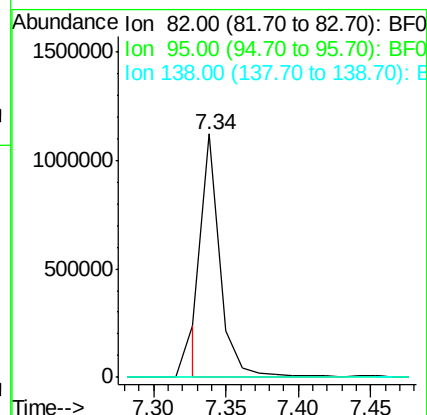
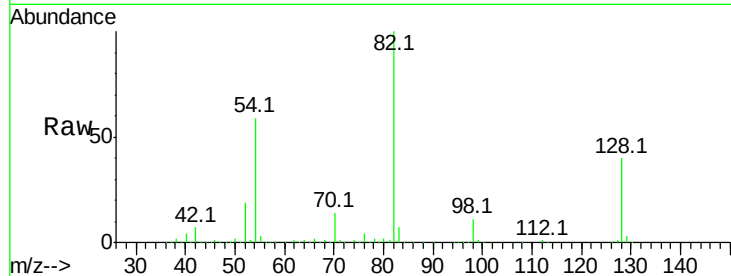
Tot Ion: 82 Resp: 963231

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.6 22.0#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.81 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF093474.D

Acq: 9 Mar 2017 13:32

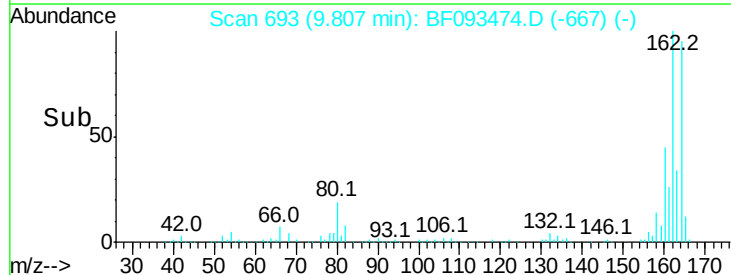
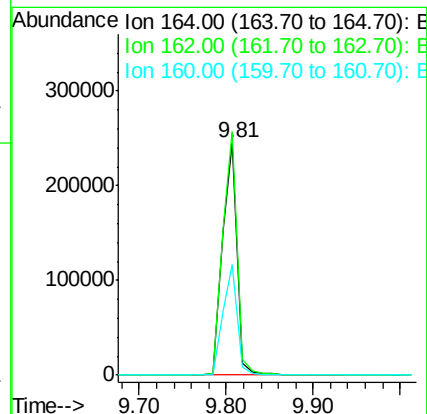
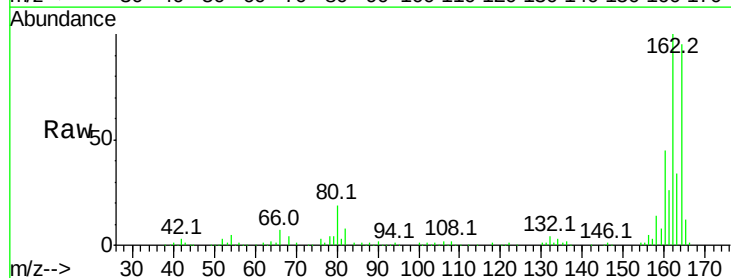
Tgt Ion: 164 Resp: 289071

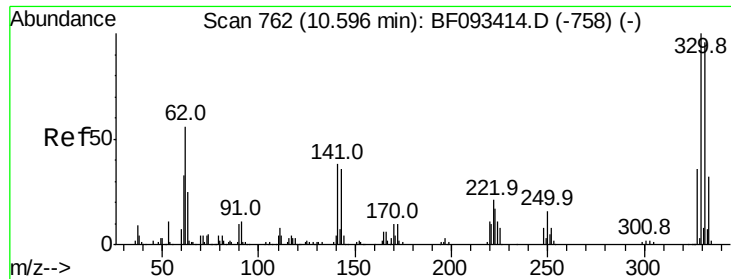
Ion Ratio Lower Upper

164 100

162 104.9 80.2 120.2

160 47.5 36.9 55.3

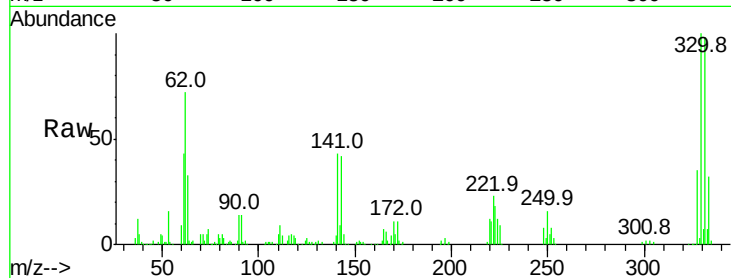




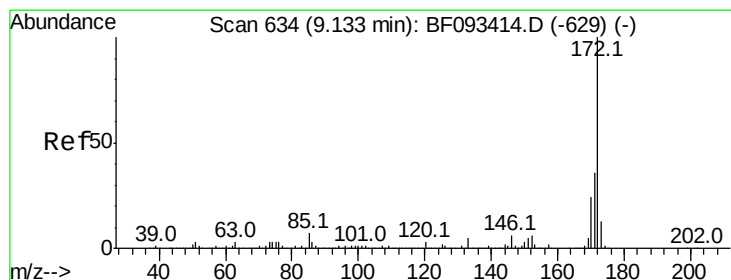
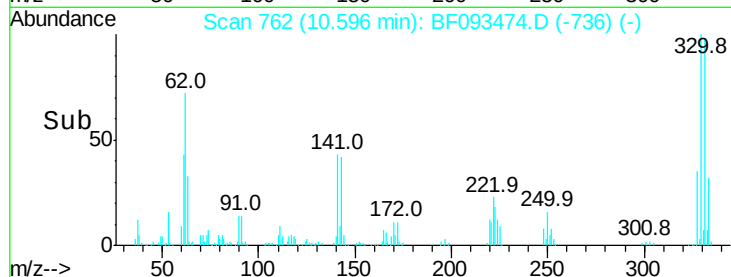
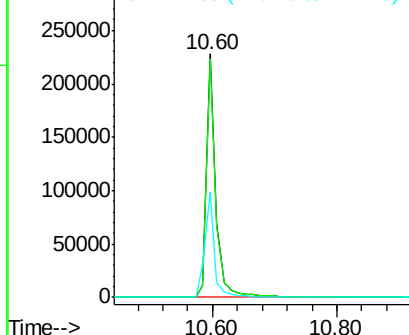
#41
 2,4,6-Tribromophenol
 Concen: 126.05 ng
 RT: 10.60 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF093474.D
 Acq: 9 Mar 2017 13:32

Instrument :
 BNA_F
 ClientSampleId :
 D-35

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.5	77.4	116.2
141	45.7	34.1	51.1

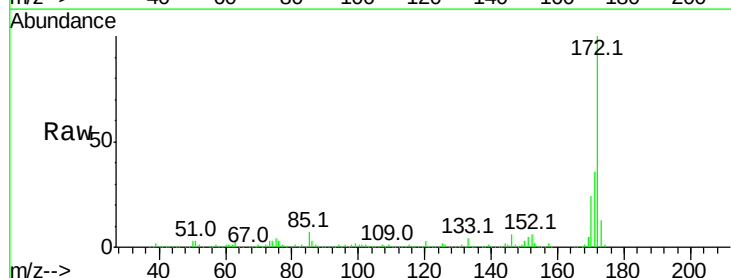


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

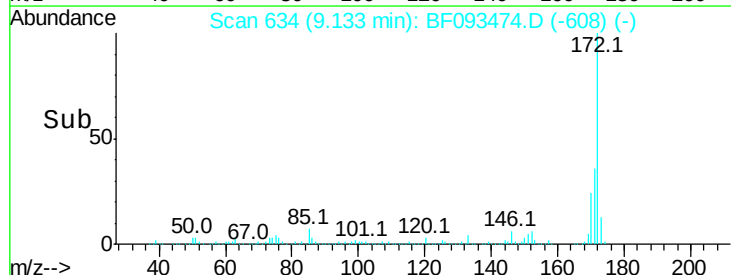
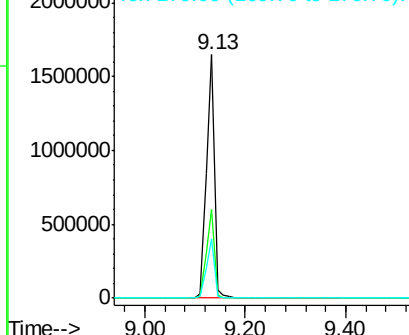


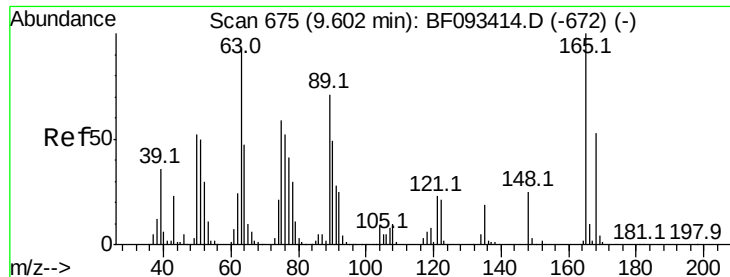
#44
 2-Fluorobiphenyl
 Concen: 116.81 ng
 RT: 9.13 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF093474.D
 Acq: 9 Mar 2017 13:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.4	20.2	30.4



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

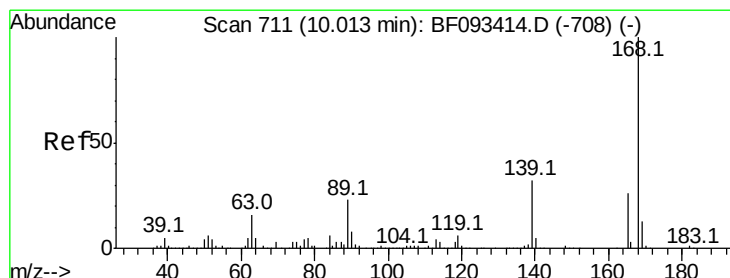
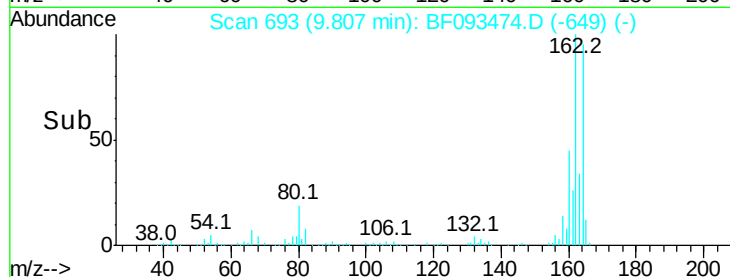
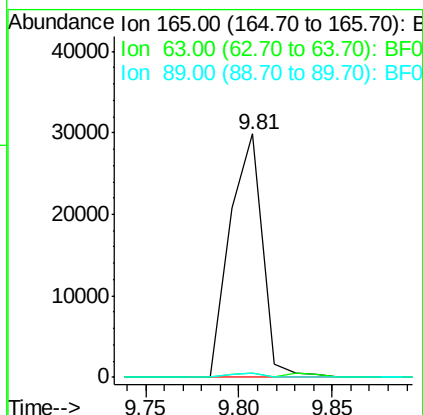
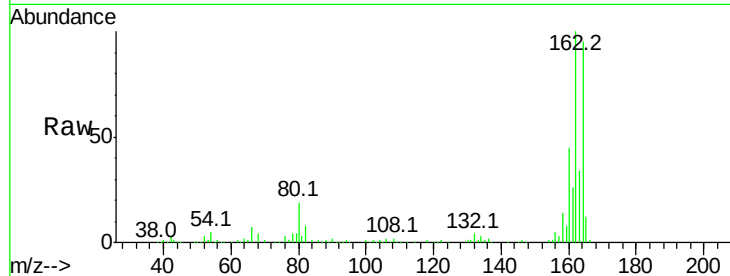




#50
2,6-Dinitrotoluene
Concen: 8.69 ng
RT: 9.81 min Scan# 693
Delta R.T. 0.21 min
Lab File: BF093474.D
Acq: 9 Mar 2017 13:32

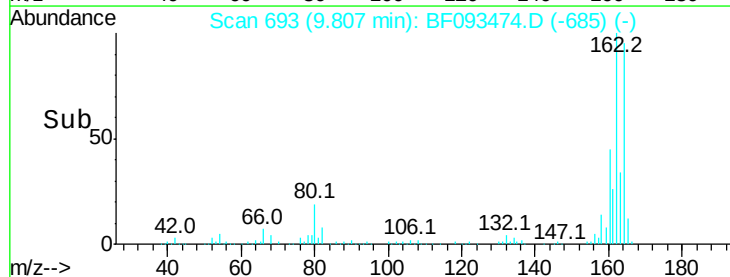
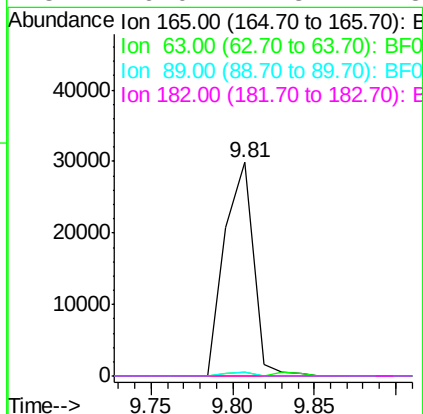
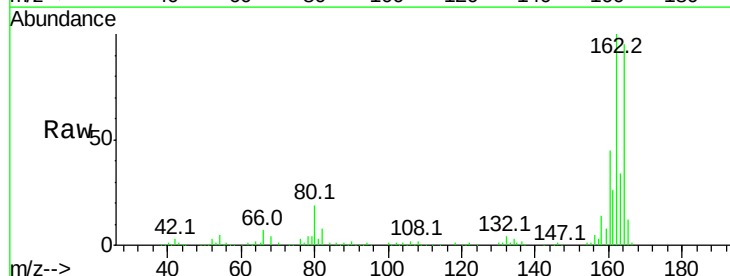
Instrument :
BNA_F
ClientSampleId :
D-35

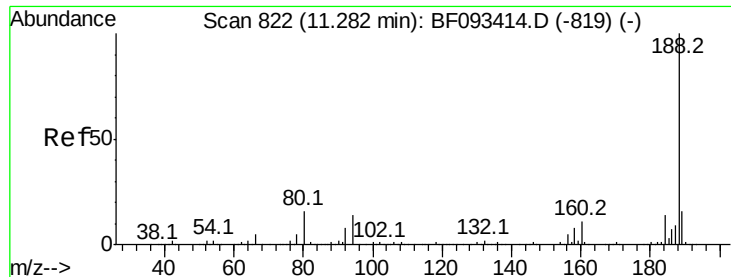
Tot Ion:165 Resp: 36545
Ion Ratio Lower Upper
165 100
63 1.8 36.2 54.4#
89 1.7 40.2 60.4#



#56
2,4-Dinitrotoluene
Concen: 7.07 ng
RT: 9.81 min Scan# 693
Delta R.T. -0.21 min
Lab File: BF093474.D
Acq: 9 Mar 2017 13:32

Tgt Ion:165 Resp: 36547
Ion Ratio Lower Upper
165 100
63 1.8 40.2 60.4#
89 1.7 62.5 93.7#
182 0.0 1.8 2.8#

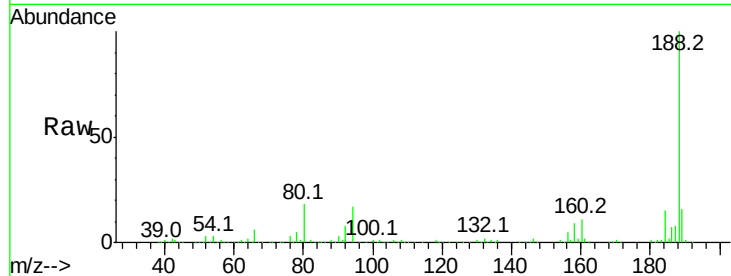




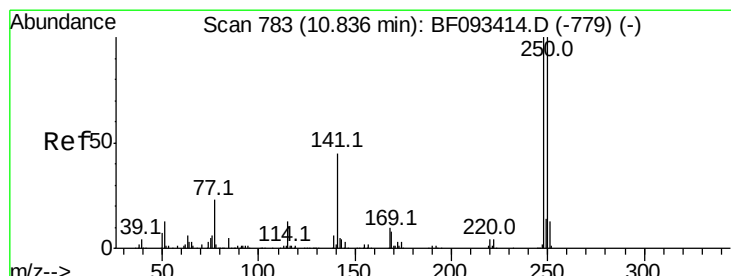
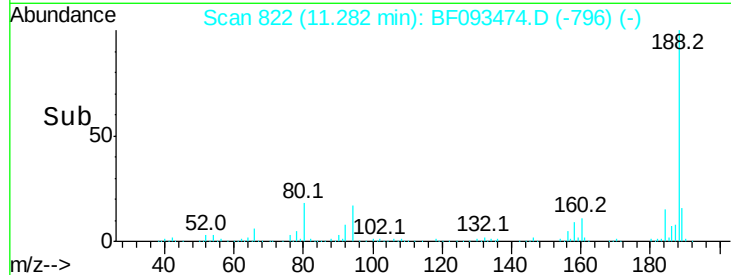
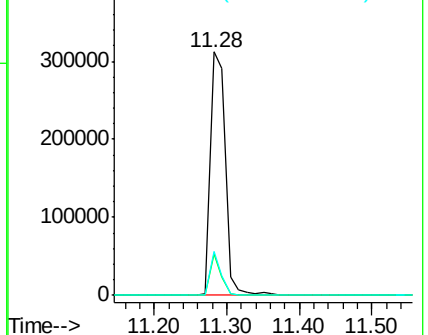
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.28 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BF093474.D
 Acq: 9 Mar 2017 13:32

Instrument :
 BNA_F
 ClientSampleId :
 D-35

Tot Ion:188 Resp: 446751
 Ion Ratio Lower Upper
 188 100
 94 17.0 10.0 15.0#
 80 18.0 11.2 16.8#

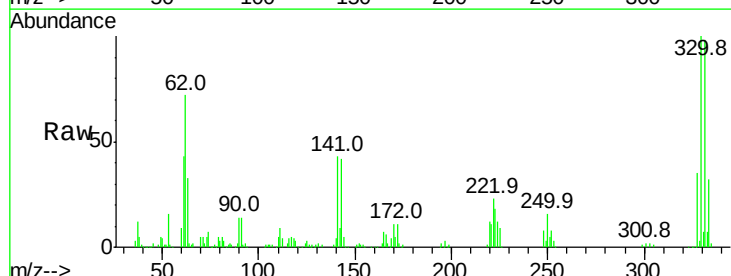


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

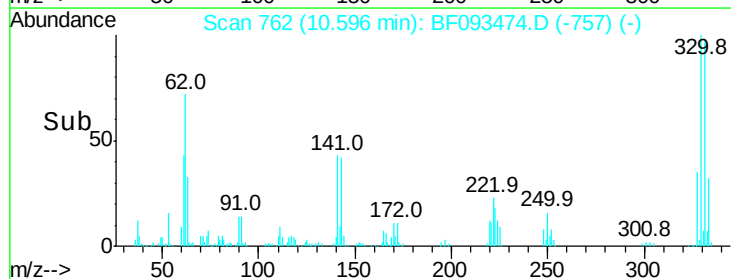
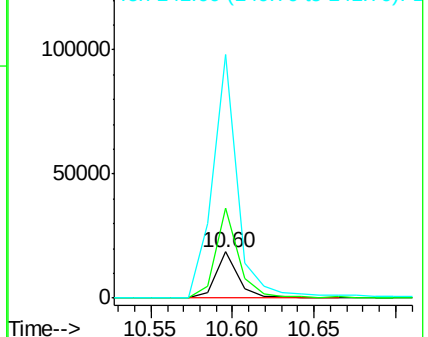


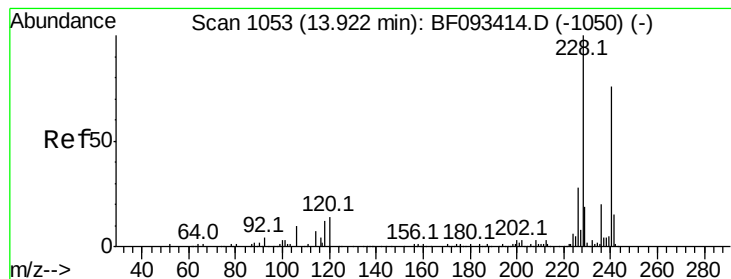
#66
 4-Bromophenyl-phenylether
 Concen: 3.84 ng
 RT: 10.60 min Scan# 762
 Delta R.T. -0.24 min
 Lab File: BF093474.D
 Acq: 9 Mar 2017 13:32

Tgt Ion:248 Resp: 18151
 Ion Ratio Lower Upper
 248 100
 250 194.3 76.9 115.3#
 141 526.8 68.2 102.4#



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: 13.93 min Scan# 1054

Delta R.T. 0.01 min

Lab File: BF093474.D

Acq: 9 Mar 2017 13:32

Instrument :

BNA_F

ClientSampleId :

D-35

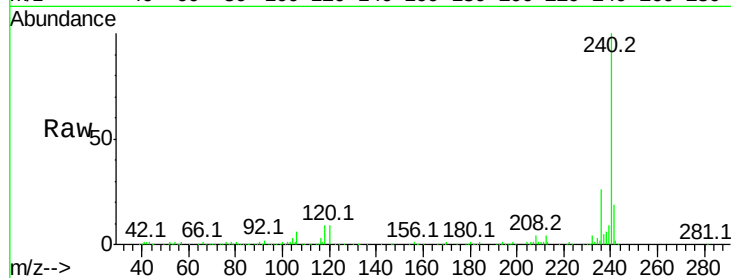
Tot Ion:240 Resp: 376704

Ion Ratio Lower Upper

240 100

120 9.2 12.9 19.3#

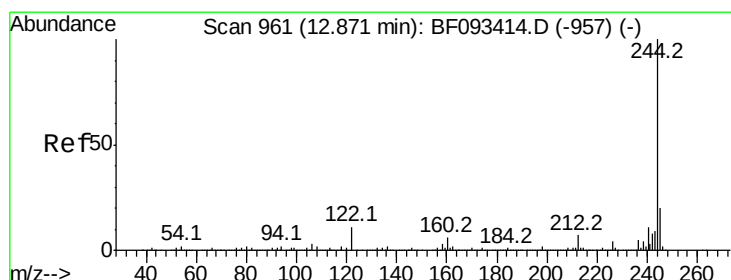
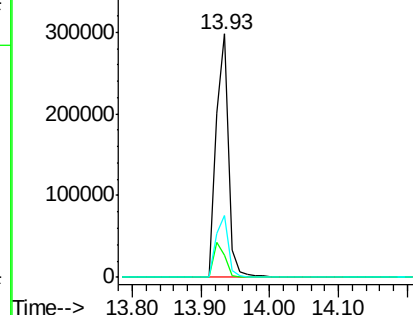
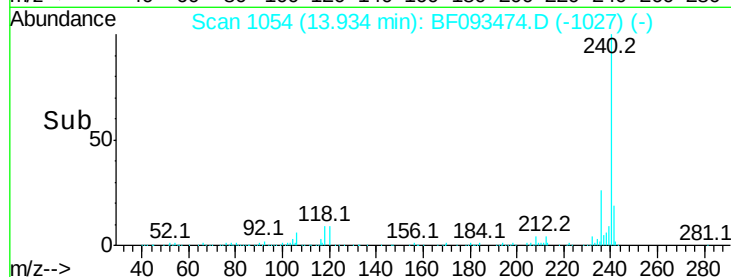
236 25.6 20.9 31.3



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: 75.93 ng

RT: 12.87 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF093474.D

Acq: 9 Mar 2017 13:32

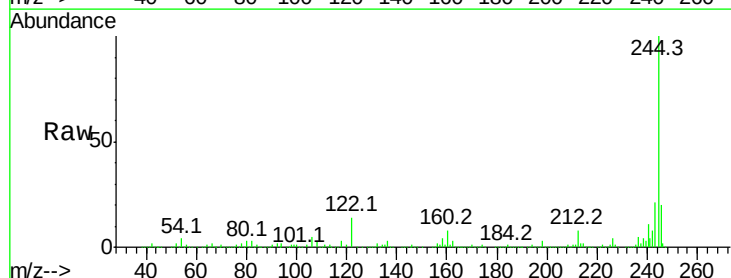
Tgt Ion:244 Resp: 1100112

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

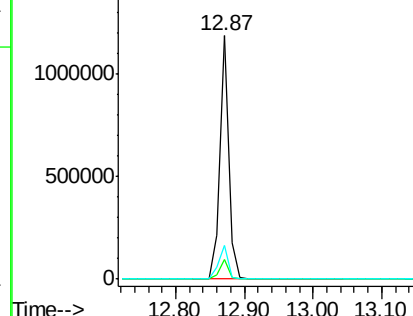
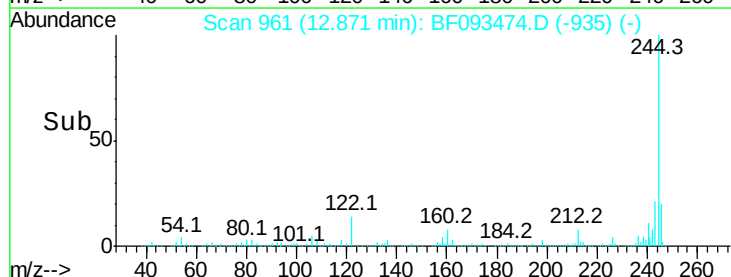
122 13.9 11.4 17.2

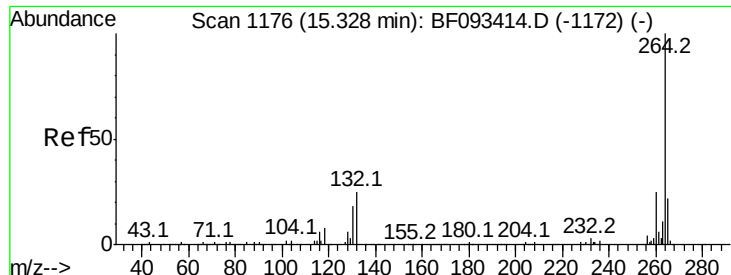


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.35 min Scan# 1178
Delta R.T. 0.02 min
Lab File: BF093474.D
Acq: 9 Mar 2017 13:32

Instrument :
BNA_F
ClientSampleId :
D-35

Tot Ion: 264 Resp: 289668

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.0	17.4	26.0

