

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031617\
 Data File : BF093708.D
 Acq On : 16 Mar 2017 16:14
 Operator : SJ/MA
 Sample : I2255-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P-1

Quant Time: Mar 17 00:54:37 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

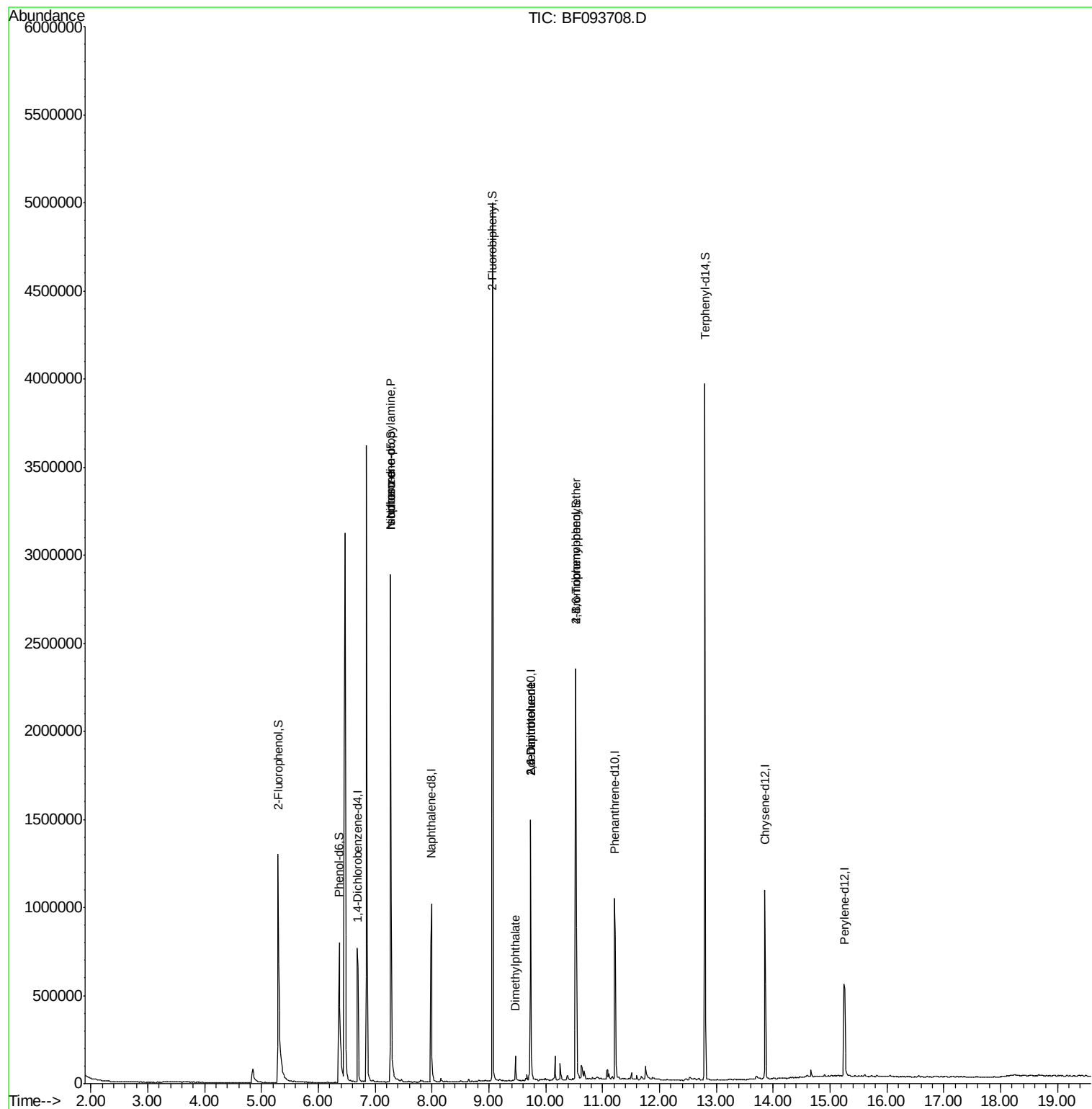
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	172505	20.00	ng	-0.02
21) Naphthalene-d8	7.99	136	669695	20.00	ng	-0.02
38) Acenaphthene-d10	9.74	164	318172	20.00	ng	-0.02
63) Phenanthrene-d10	11.21	188	535787	20.00	ng	-0.03
75) Chrysene-d12	13.85	240	441524	20.00	ng	-0.03
86) Perylene-d12	15.26	264	301787	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	665290	64.19	ng	-0.02
7) Phenol-d6	6.37	99	557150	42.63	ng	-0.01
23) Nitrobenzene-d5	7.27	82	1088780	90.21	ng	-0.03
41) 2,4,6-Tribromophenol	10.53	330	306513	147.86	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	1613822	94.34	ng	-0.02
78) Terphenyl-d14	12.80	244	1290113	75.97	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	146877	16.35	ng	# 83
25) Isophorone	7.27	82	1038010	42.65	ng	# 65
49) Dimethylphthalate	9.46	163	67489	3.20	ng	98
50) 2,6-Dinitrotoluene	9.74	165	41217	8.91	ng	# 31
56) 2,4-Dinitrotoluene	9.74	165	41218	7.25	ng	# 20
66) 4-Bromophenyl-phenylether	10.53	248	20327	3.59	ng	# 1

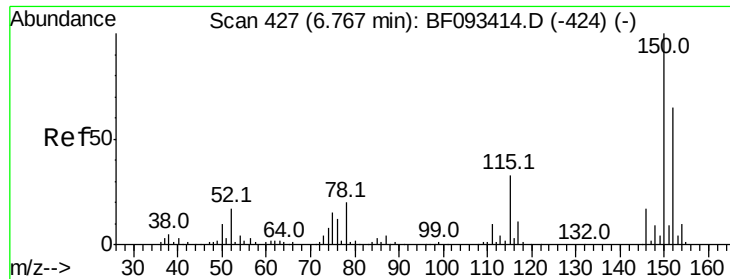
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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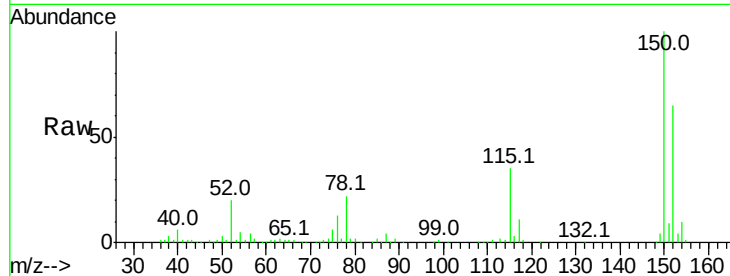


#1

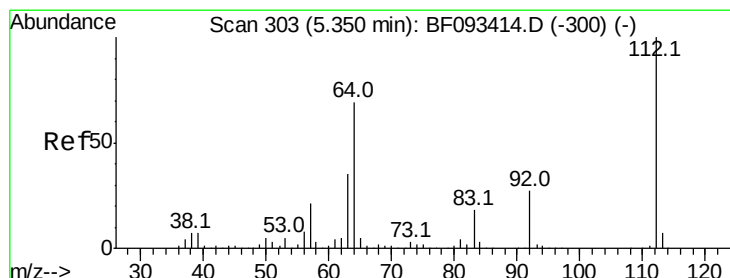
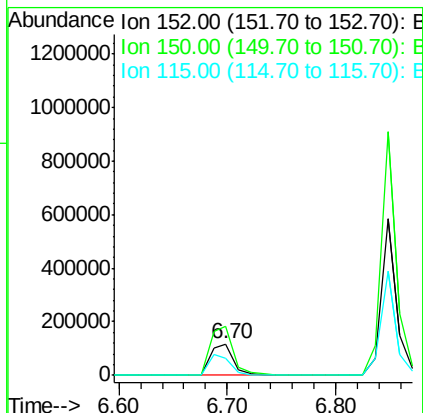
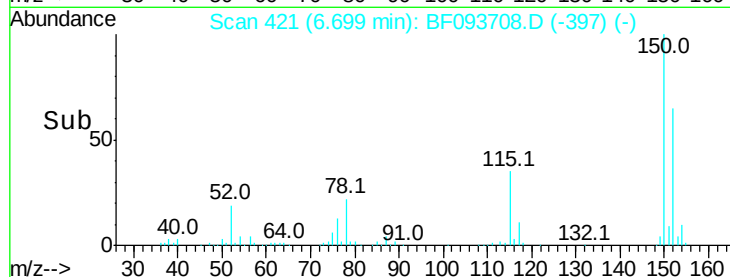
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 421
Delta R.T. -0.02 min
Lab File: BF093708.D
Acq: 16 Mar 2017 16:14

Instrument :
BNA_F
ClientSampleId :
P-1

Tot Ion:152 Resp: 172505
Ion Ratio Lower Upper
152 100
150 154.8 124.9 187.3
115 54.3 46.0 69.0



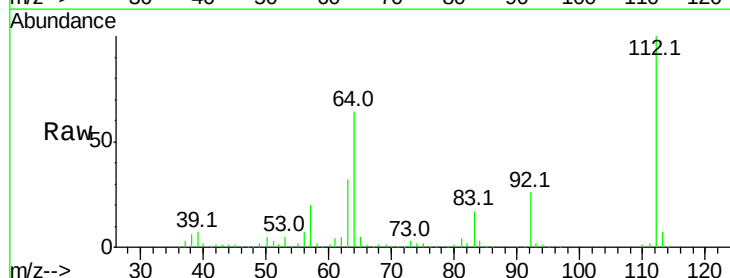
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



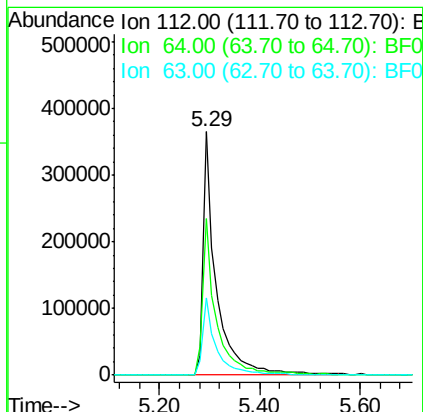
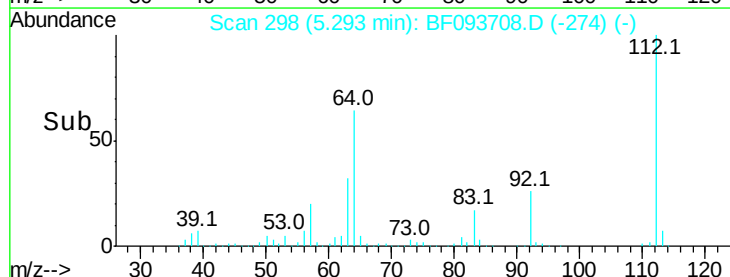
#5

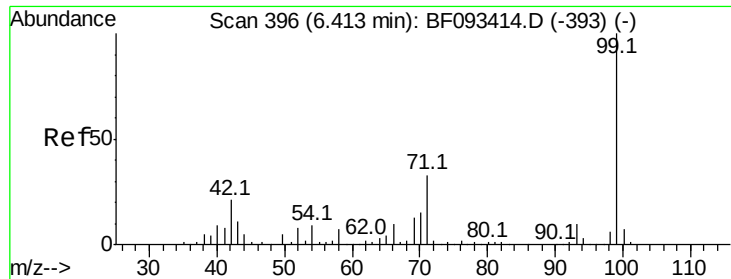
2-Fluorophenol
Concen: 64.19 ng
RT: 5.29 min Scan# 298
Delta R.T. -0.02 min
Lab File: BF093708.D
Acq: 16 Mar 2017 16:14

Tgt Ion:112 Resp: 665290
Ion Ratio Lower Upper
112 100
64 64.1 46.1 69.1
63 31.8 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: 42.63 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093708.D

Acq: 16 Mar 2017 16:14

Instrument :

BNA_F

ClientSampleId :

P-1

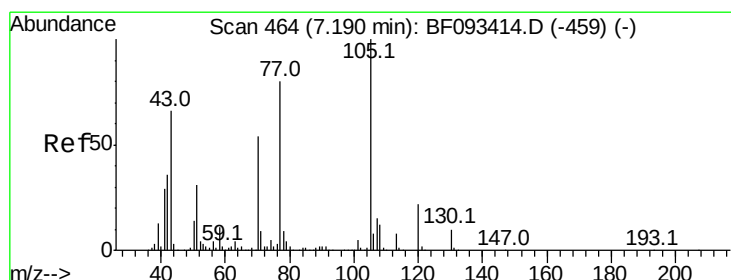
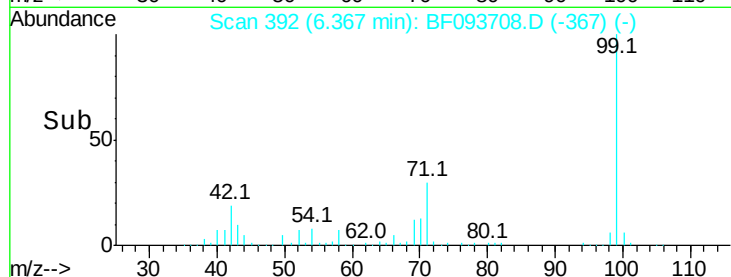
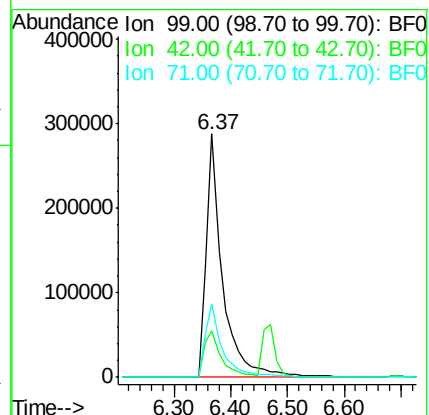
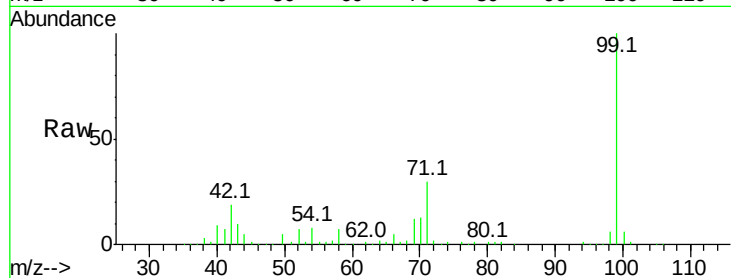
Tot Ion: 99 Resp: 557150

Ion Ratio Lower Upper

99 100

42 19.3 15.6 23.4

71 30.2 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 16.35 ng

RT: 7.27 min Scan# 471

Delta R.T. 0.13 min

Lab File: BF093708.D

Acq: 16 Mar 2017 16:14

Tgt Ion: 70 Resp: 146877

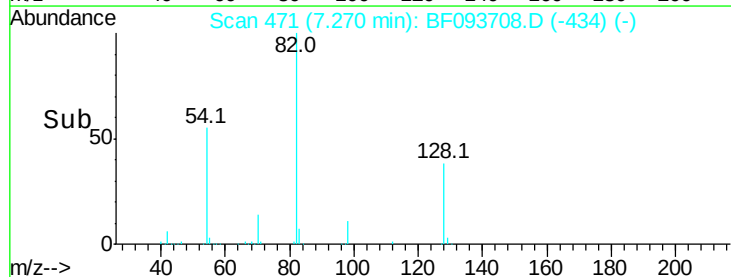
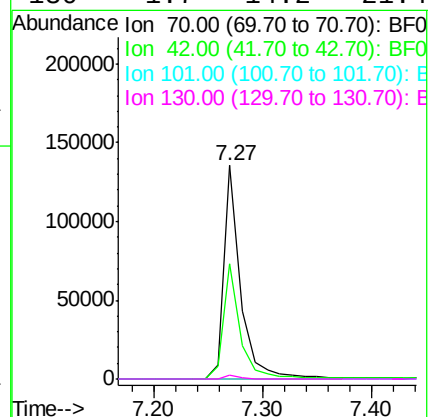
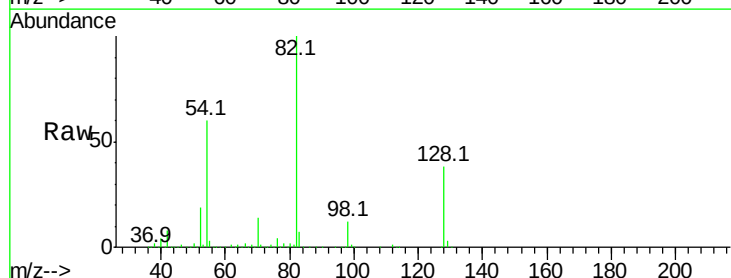
Ion Ratio Lower Upper

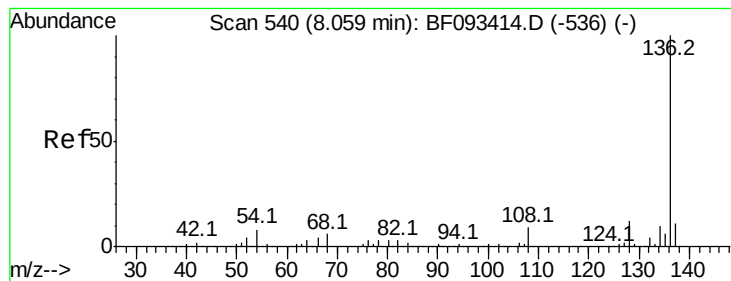
70 100

42 54.1 49.4 74.0

101 0.0 7.4 11.2#

130 1.7 14.2 21.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 534

Delta R.T. -0.02 min

Lab File: BF093708.D

Acq: 16 Mar 2017 16:14

Instrument :

BNA_F

ClientSampleId :

P-1

Tot Ion:136 Resp: 669695

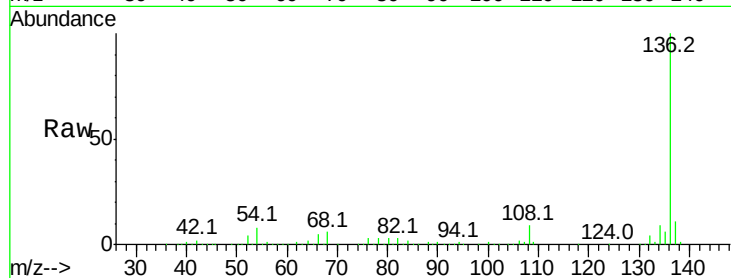
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 8.1 4.5 6.7#

68 6.1 3.6 5.4#

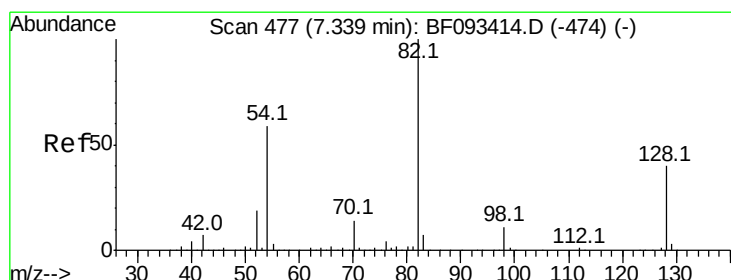
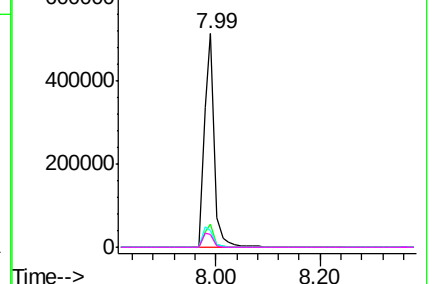
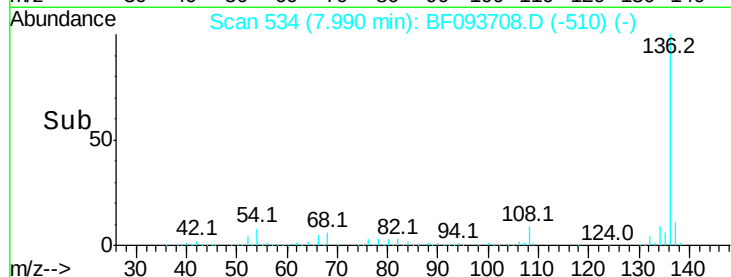


Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.21 ng

RT: 7.27 min Scan# 471

Delta R.T. -0.03 min

Lab File: BF093708.D

Acq: 16 Mar 2017 16:14

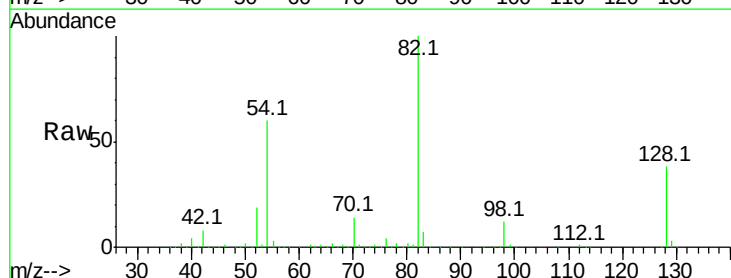
Tgt Ion: 82 Resp: 1088780

Ion Ratio Lower Upper

82 100

128 38.2 34.6 52.0

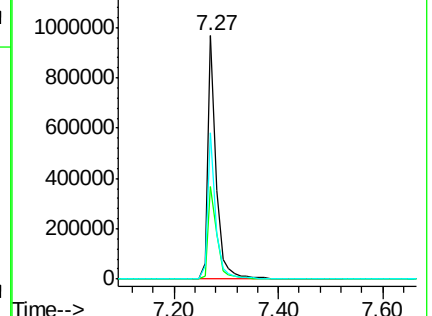
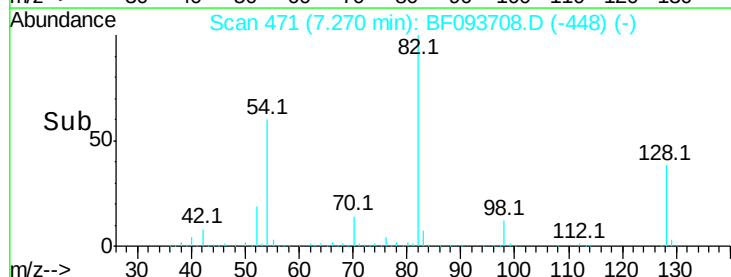
54 60.3 39.5 59.3#

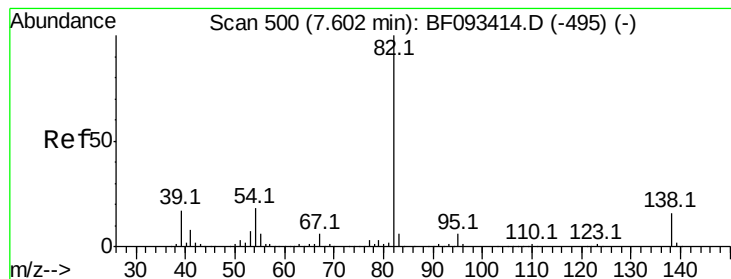


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 42.65 ng

RT: 7.27 min Scan# 471

Delta R.T. -0.29 min

Lab File: BF093708.D

Acq: 16 Mar 2017 16:14

Instrument :

BNA_F

ClientSampleId :

P-1

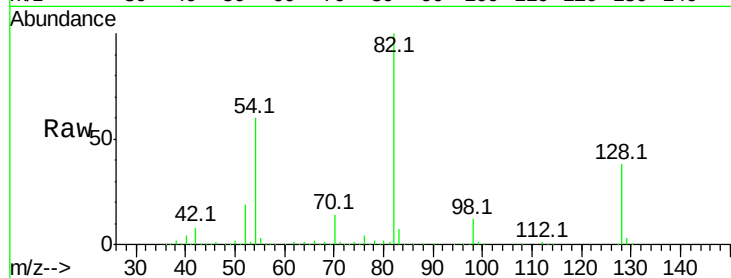
Tot Ion: 82 Resp: 1038010

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

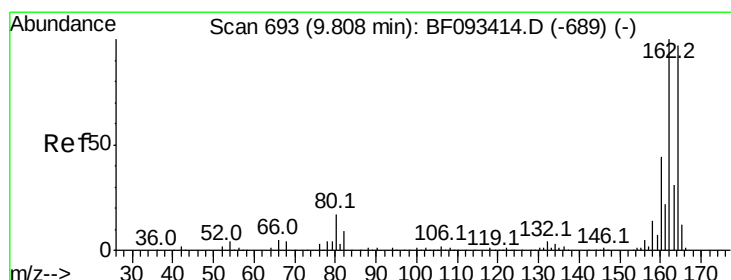
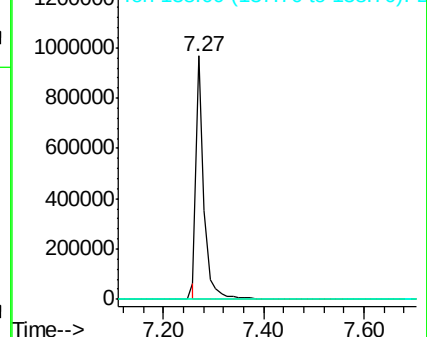
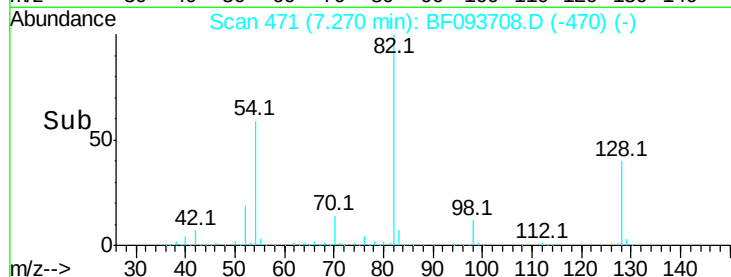
138 0.0 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.74 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF093708.D

Acq: 16 Mar 2017 16:14

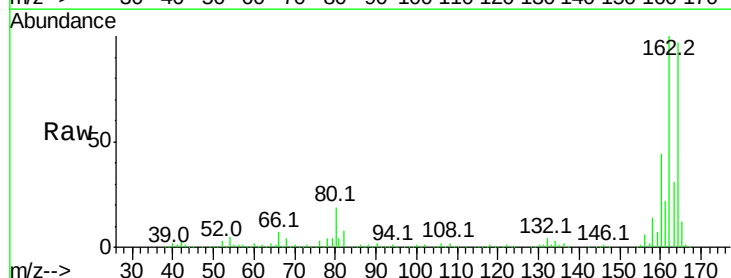
Tgt Ion:164 Resp: 318172

Ion Ratio Lower Upper

164 100

162 103.6 80.2 120.2

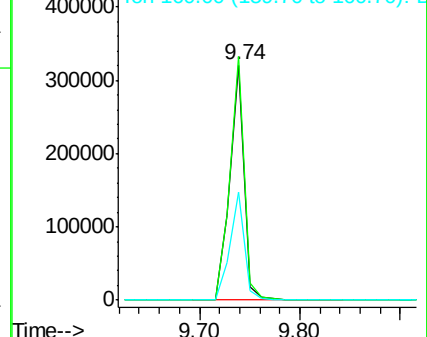
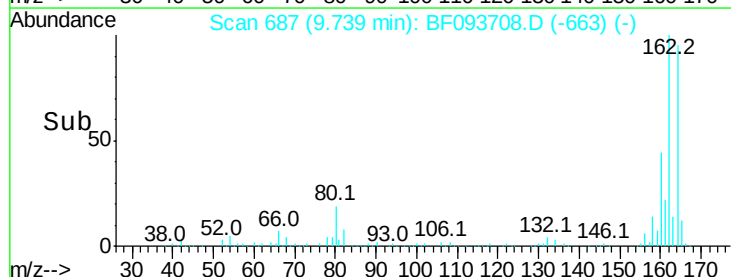
160 46.1 36.9 55.3

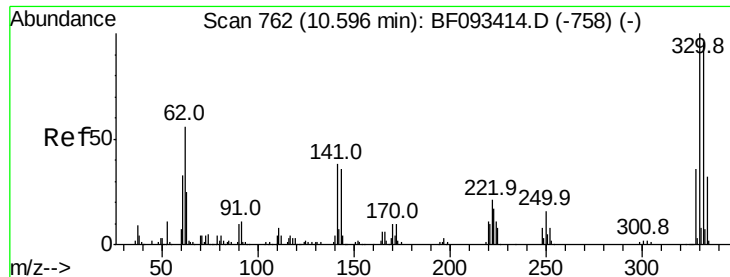


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

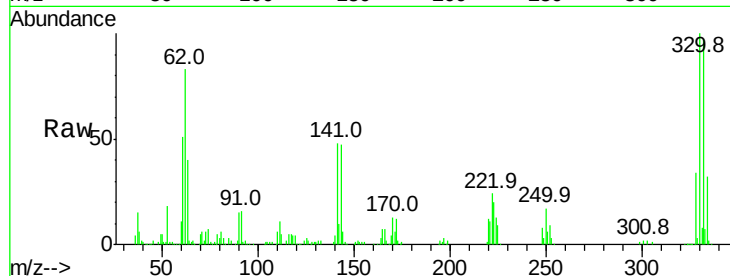




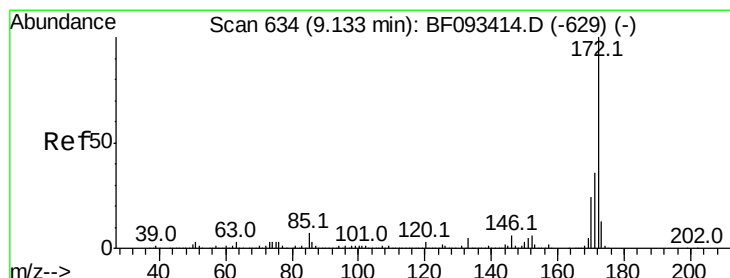
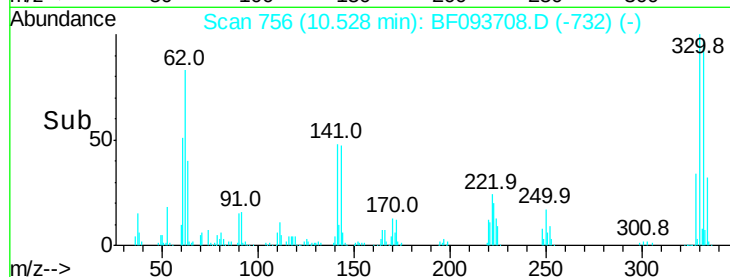
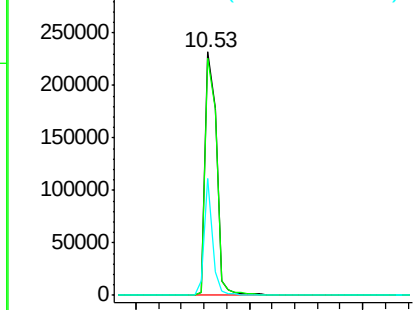
#41
 2,4,6-Tribromophenol
 Concen: 147.86 ng
 RT: 10.53 min Scan# 756
 Delta R.T. -0.02 min
 Lab File: BF093708.D
 Acq: 16 Mar 2017 16:14

Instrument :
 BNA_F
 ClientSampleId :
 P-1

Tot Ion:330 Resp: 306513
 Ion Ratio Lower Upper
 330 100
 332 98.7 77.4 116.2
 141 35.0 34.1 51.1

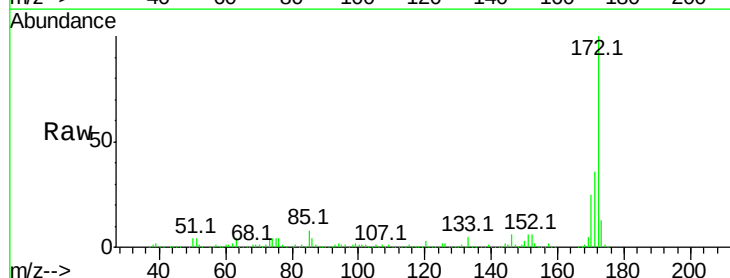


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

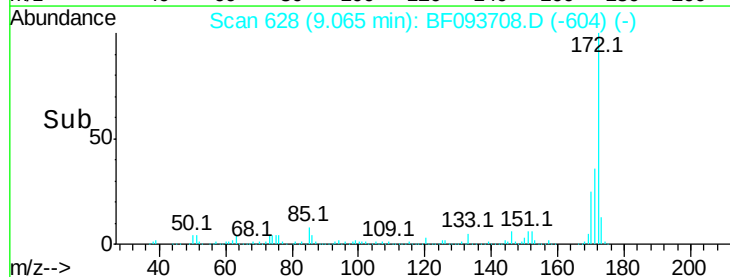
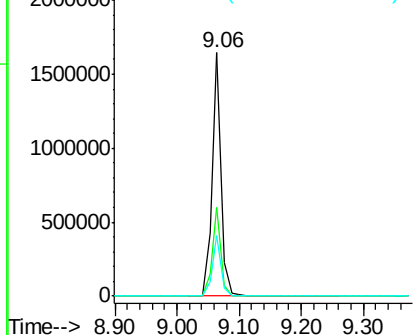


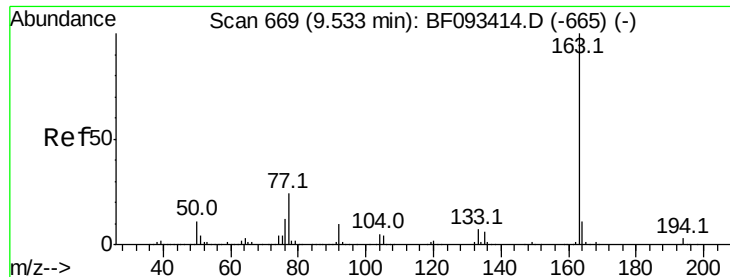
#44
 2-Fluorobiphenyl
 Concen: 94.34 ng
 RT: 9.06 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF093708.D
 Acq: 16 Mar 2017 16:14

Tgt Ion:172 Resp: 1613822
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.0
 170 24.7 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

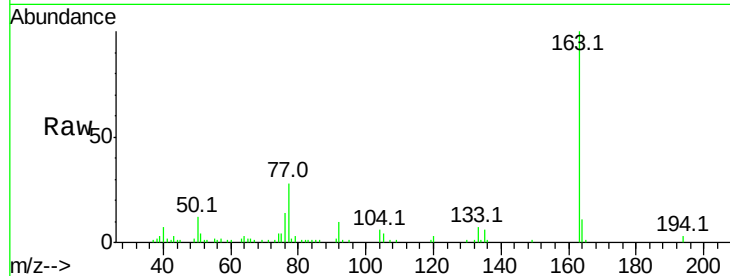




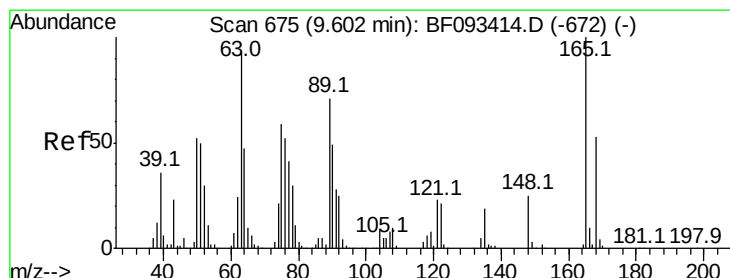
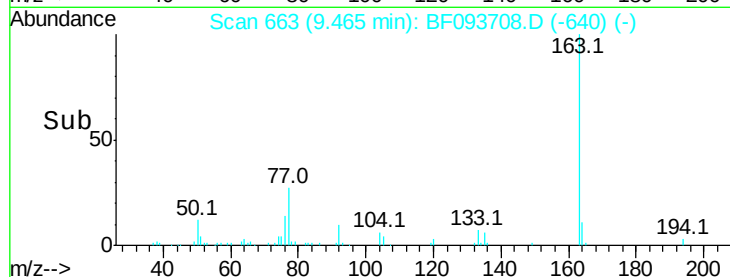
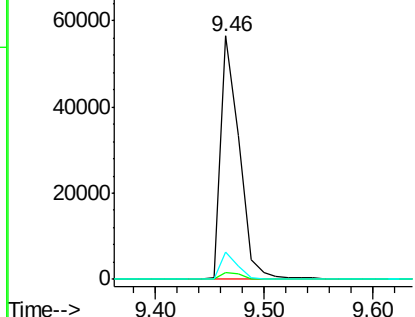
#49
Dimethylphthalate
Concen: 3.20 ng
RT: 9.46 min Scan# 663
Delta R.T. -0.03 min
Lab File: BF093708.D
Acq: 16 Mar 2017 16:14

Instrument :
BNA_F
ClientSampleId :
P-1

Tot Ion:163 Resp: 67489
Ion Ratio Lower Upper
163 100
194 3.0 3.0 4.4
164 11.0 8.0 12.0

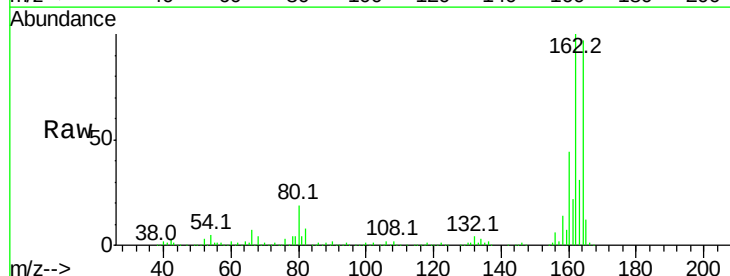


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

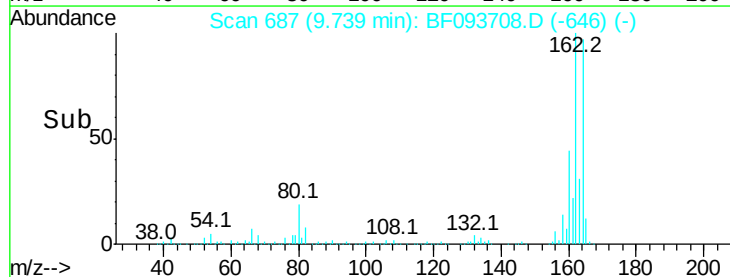
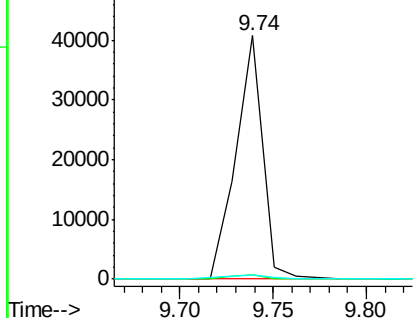


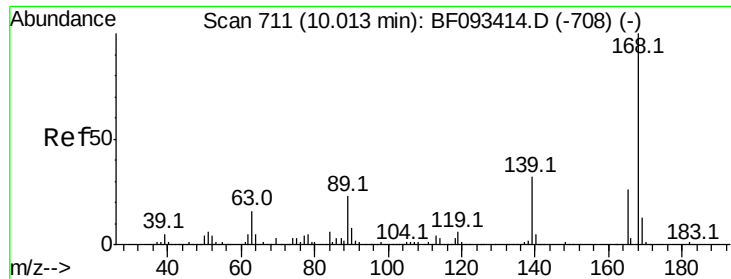
#50
2,6-Dinitrotoluene
Concen: 8.91 ng
RT: 9.74 min Scan# 687
Delta R.T. 0.17 min
Lab File: BF093708.D
Acq: 16 Mar 2017 16:14

Tgt Ion:165 Resp: 41217
Ion Ratio Lower Upper
165 100
63 1.5 36.2 54.4#
89 1.8 40.2 60.4#



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

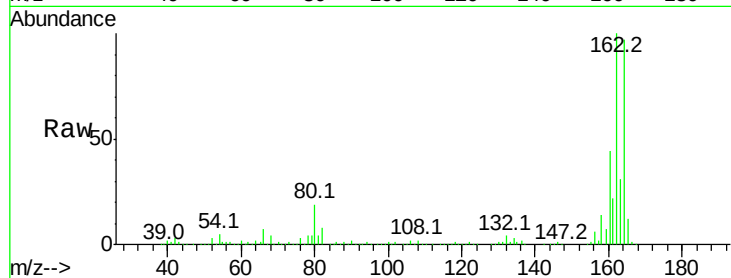




#56
 2,4-Dinitrotoluene
 Concen: 7.25 ng
 RT: 9.74 min Scan# 687
 Delta R.T. -0.24 min
 Lab File: BF093708.D
 Acq: 16 Mar 2017 16:14

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	40.2	60.4#
89	1.8	62.5	93.7#
182	0.0	1.8	2.8#

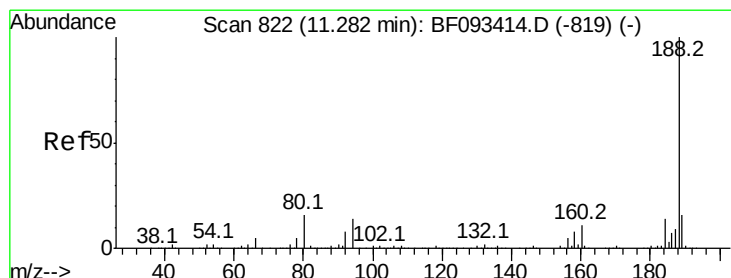
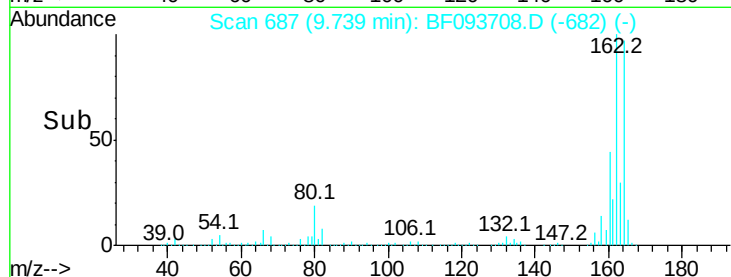
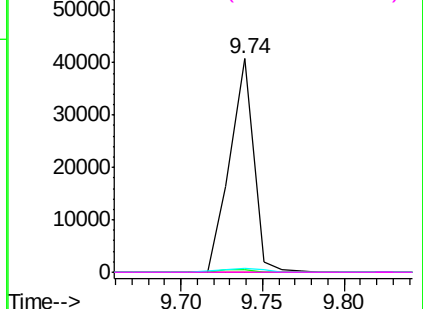


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

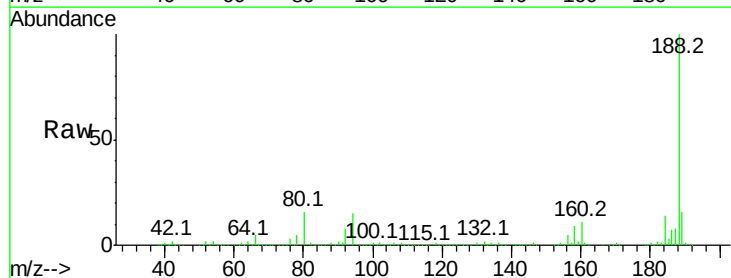
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 816
 Delta R.T. -0.03 min
 Lab File: BF093708.D
 Acq: 16 Mar 2017 16:14

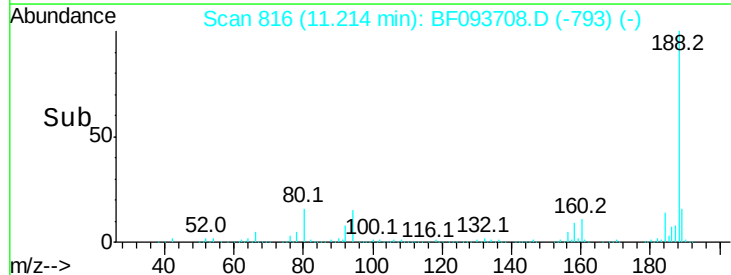
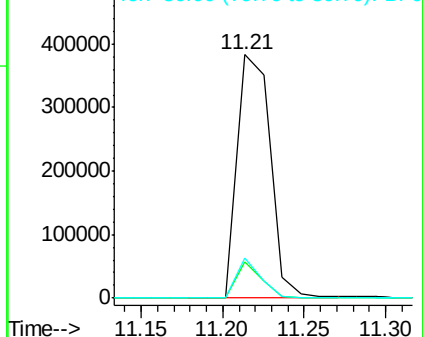
Tgt Ion	Ratio	Lower	Upper
188	100		
94	14.9	10.0	15.0
80	16.3	11.2	16.8

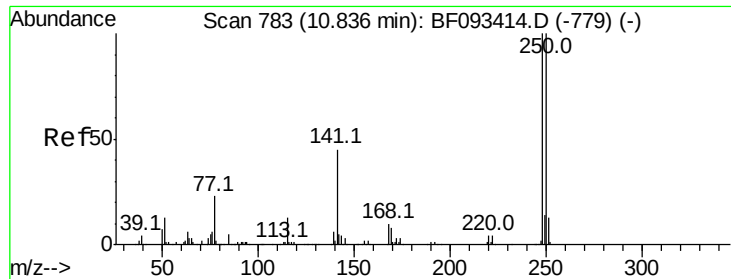


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 3.59 ng

RT: 10.53 min Scan# 756

Delta R.T. -0.26 min

Lab File: BF093708.D

Acq: 16 Mar 2017 16:14

Instrument :

BNA_F

ClientSampled :

P-1

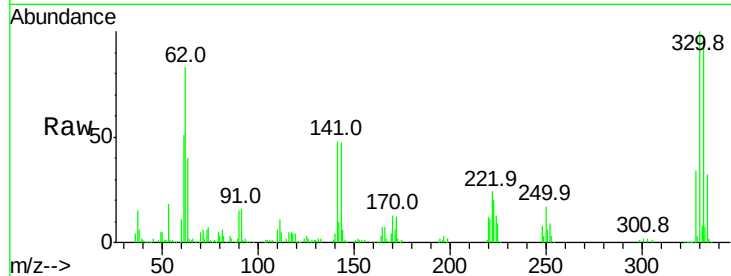
Tot Ion:248 Resp: 20327

Ion Ratio Lower Upper

248 100

250 199.8 76.9 115.3#

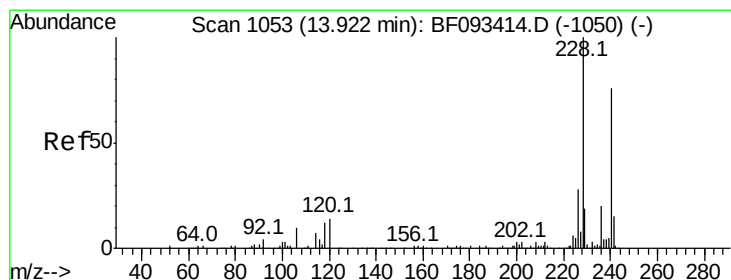
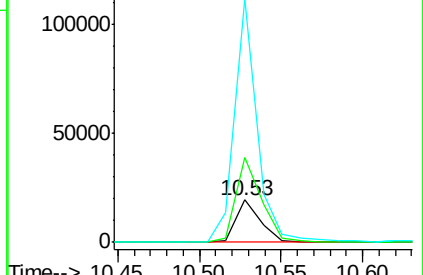
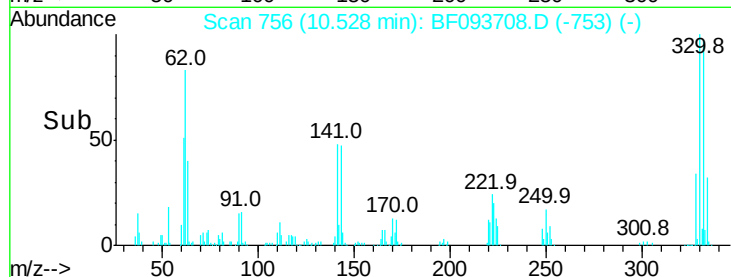
141 575.2 68.2 102.4#



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: 13.85 min Scan# 1047

Delta R.T. -0.03 min

Lab File: BF093708.D

Acq: 16 Mar 2017 16:14

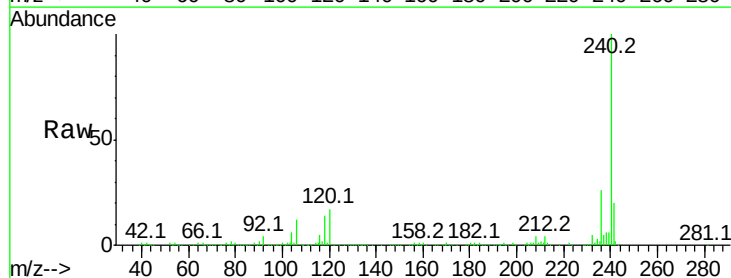
Tgt Ion:240 Resp: 441524

Ion Ratio Lower Upper

240 100

120 16.7 12.9 19.3

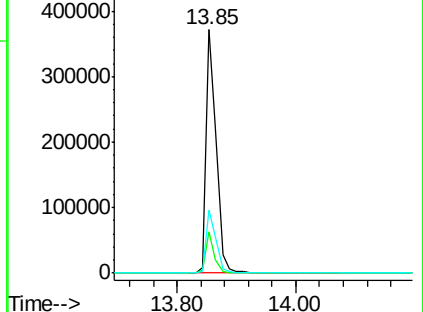
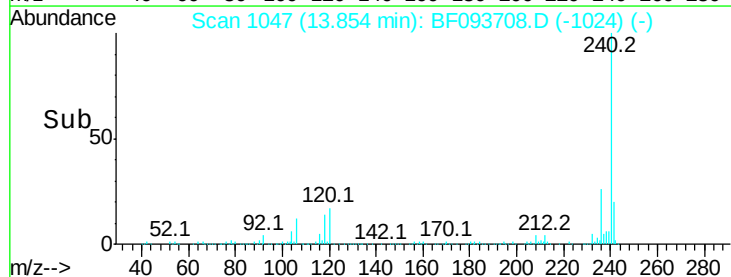
236 25.8 20.9 31.3

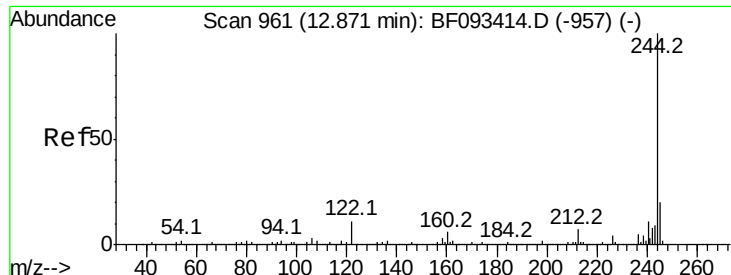


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 75.97 ng

RT: 12.80 min Scan# 955

Delta R.T. -0.02 min

Lab File: BF093708.D

Acq: 16 Mar 2017 16:14

Instrument :

BNA_F

ClientSampleId :

P-1

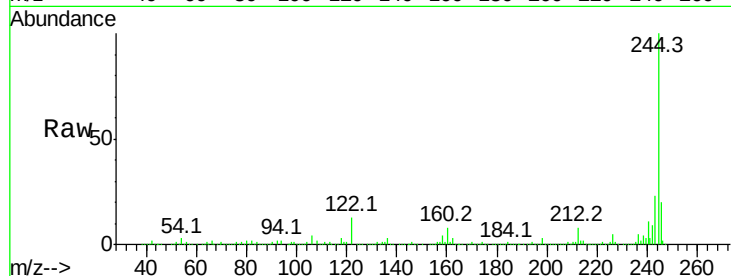
Tot Ion:244 Resp: 1290113

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

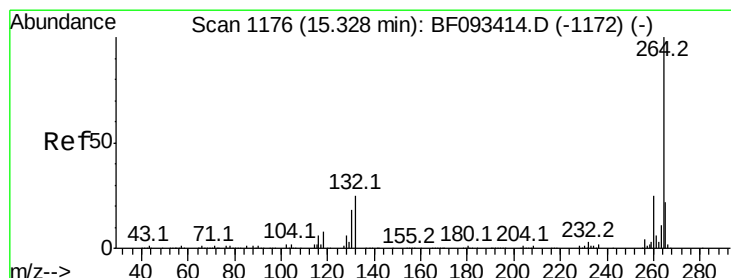
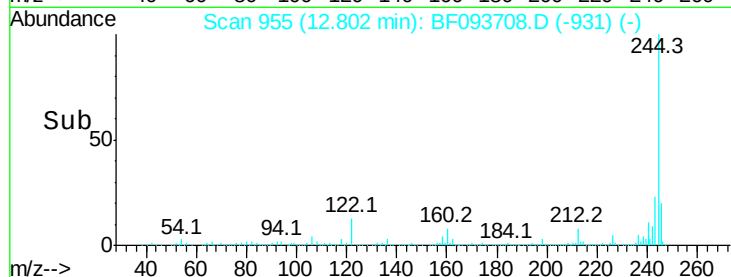
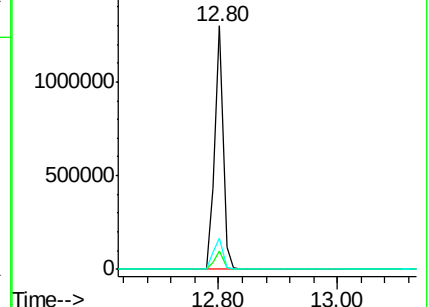
122 12.7 11.4 17.2



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

Perylene-d12

Concen: 20.00 ng

RT: 15.26 min Scan# 1170

Delta R.T. -0.02 min

Lab File: BF093708.D

Acq: 16 Mar 2017 16:14

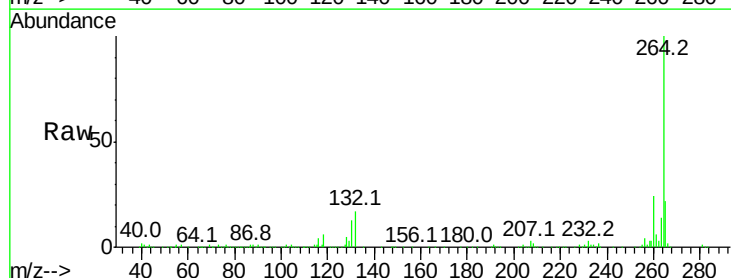
Tgt Ion:264 Resp: 301787

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 22.4 17.4 26.0



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

