

Data Path : Z:\HPCHEM1\BNA F\Data\BF030917\
 Data File : BF093510.D
 Acq On : 10 Mar 2017 8:11
 Operator : SJ/MA
 Sample : I2132-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 10 10:24:45 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

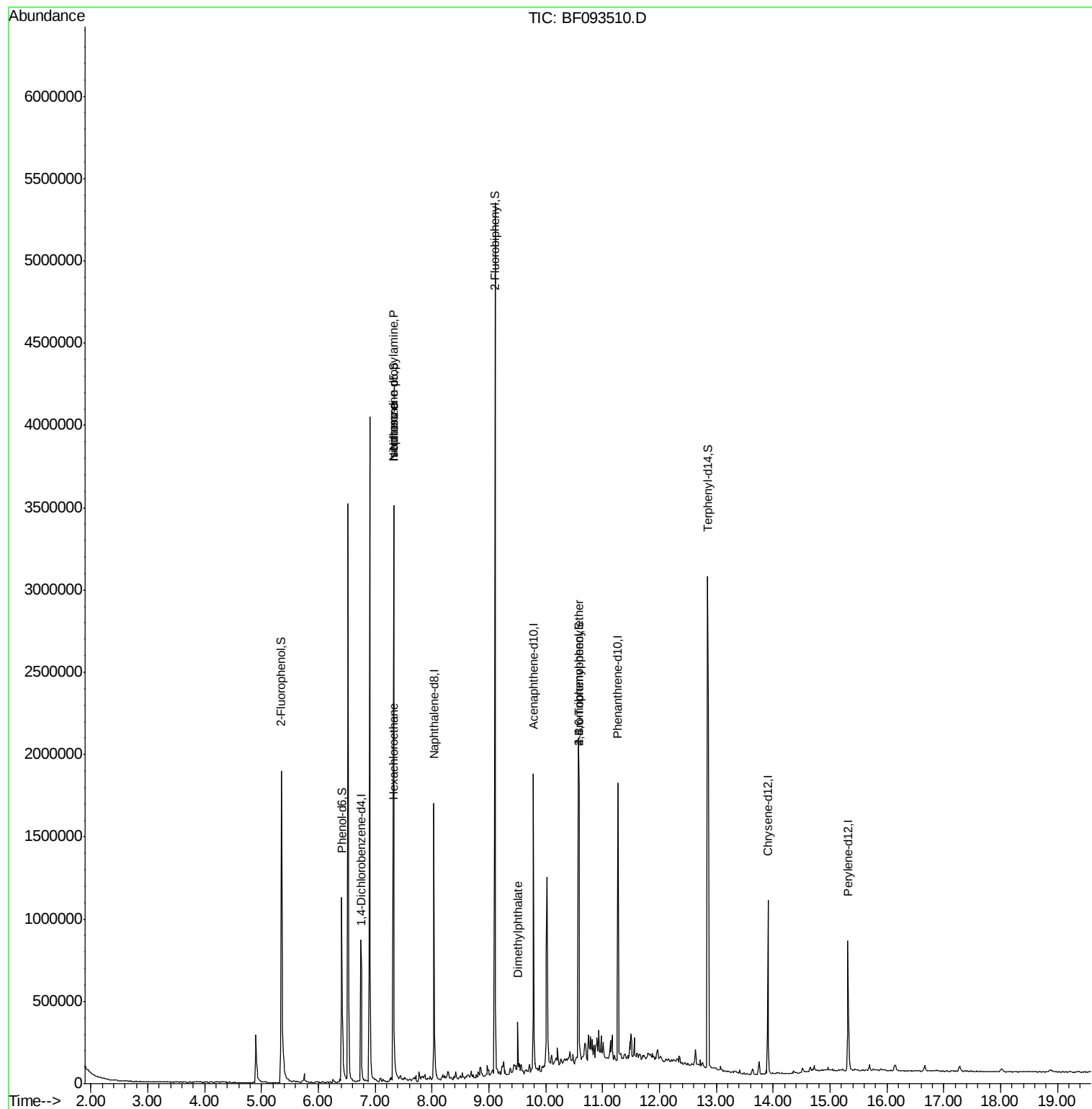
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	177094	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	713460	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	340308	20.00	ng	-0.02
63) Phenanthrene-d10	11.27	188	582339	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	370710	20.00	ng	-0.01
86) Perylene-d12	15.32	264	341175	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	707162	66.46	ng	0.00
7) Phenol-d6	6.41	99	584063	43.53	ng	0.00
23) Nitrobenzene-d5	7.33	82	1278004	99.39	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	316889	142.93	ng	-0.01
44) 2-Fluorobiphenyl	9.11	172	1631677	89.18	ng	-0.02
78) Terphenyl-d14	12.85	244	1227006	86.05	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.41	77	2366	Below Cal	#	1
18) Hexachloroethane	7.32	117	14412	3.06	ng	5
19) n-Nitroso-di-n-propylamine	7.33	70	173376	18.79	ng	79
25) Isophorone	7.33	82	1270527	49.00	ng	65
49) Dimethylphthalate	9.51	163	112277	4.98	ng	99
66) 4-Bromophenyl-phenylether	10.58	248	22440	3.64	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: 6.76 min Scan# 426

Delta R.T. -0.01 min

Lab File: BF093510.D

Acq: 10 Mar 2017 8:11

Instrument :

BNA_F

ClientSampled :

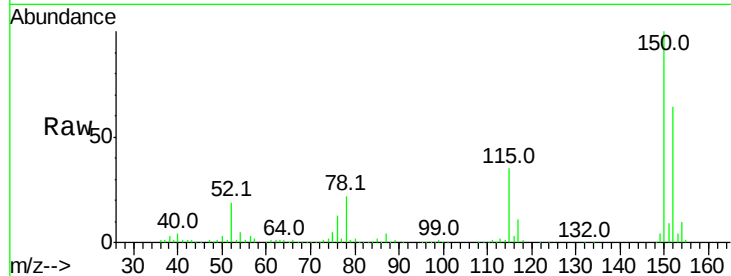
Tot Ion:152 Resp: 177094

Ion Ratio Lower Upper

152 100

150 156.8 124.9 187.3

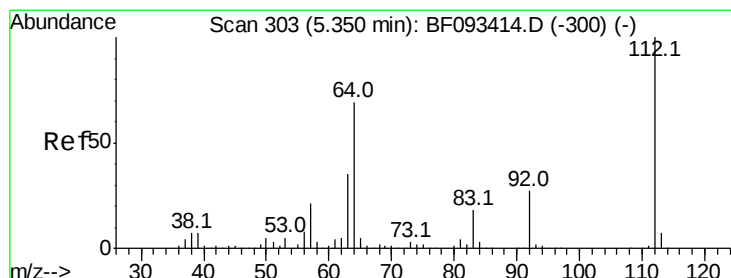
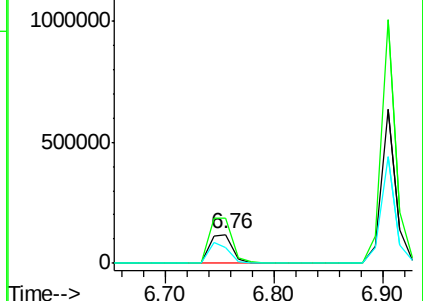
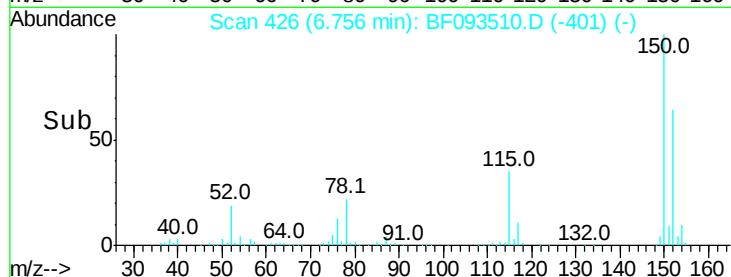
115 54.2 46.0 69.0



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: 66.46 ng

RT: 5.35 min Scan# 303

Delta R.T. -0.00 min

Lab File: BF093510.D

Acq: 10 Mar 2017 8:11

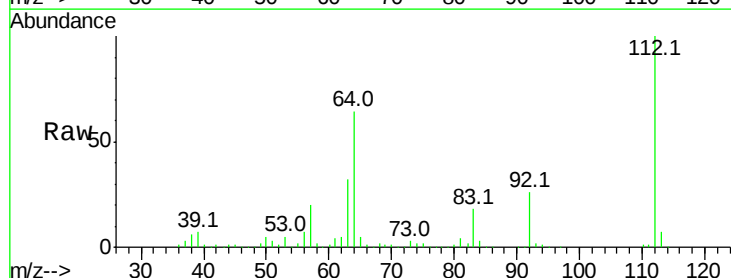
Tgt Ion:112 Resp: 707162

Ion Ratio Lower Upper

112 100

64 64.3 46.1 69.1

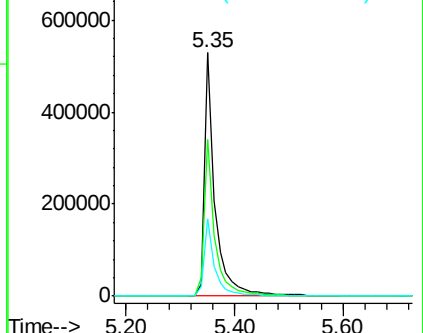
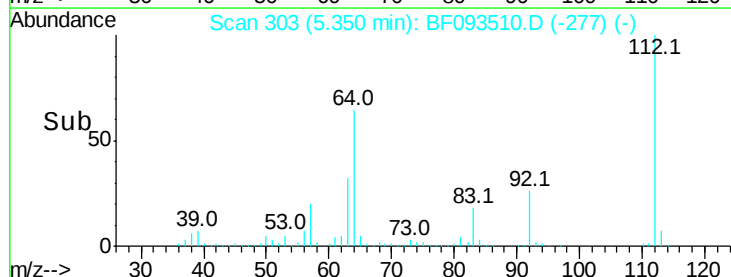
63 31.9 23.8 35.6

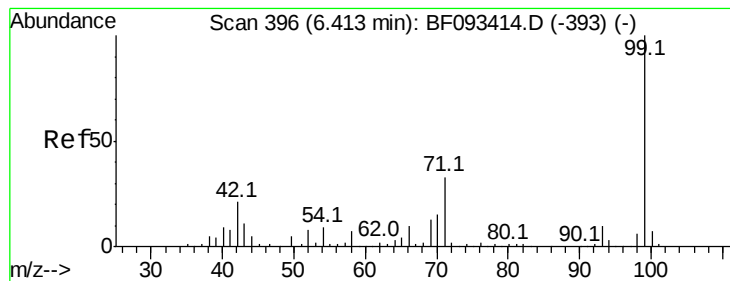


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 43.53 ng

RT: 6.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF093510.D

Acq: 10 Mar 2017 8:11

Instrument :

BNA_F

ClientSampled :

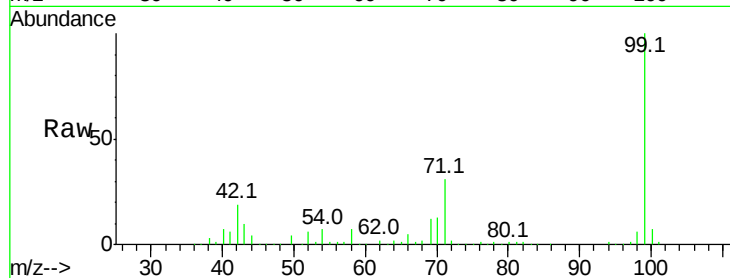
Tot Ion: 99 Resp: 584063

Ion Ratio Lower Upper

99 100

42 19.1 15.6 23.4

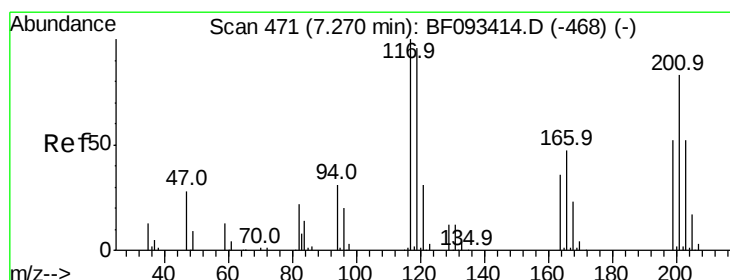
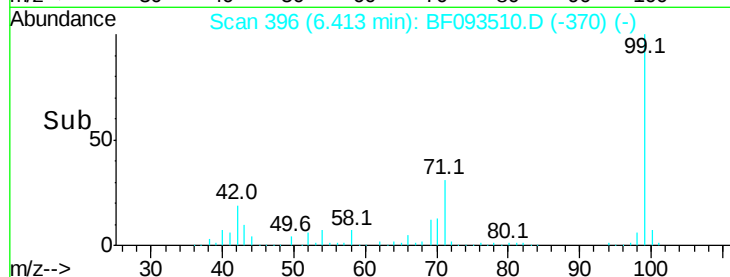
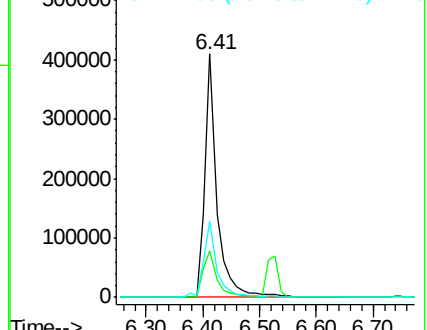
71 31.0 27.5 41.3



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



#18

Hexachloroethane

Concen: 3.06 ng

RT: 7.32 min Scan# 475

Delta R.T. 0.05 min

Lab File: BF093510.D

Acq: 10 Mar 2017 8:11

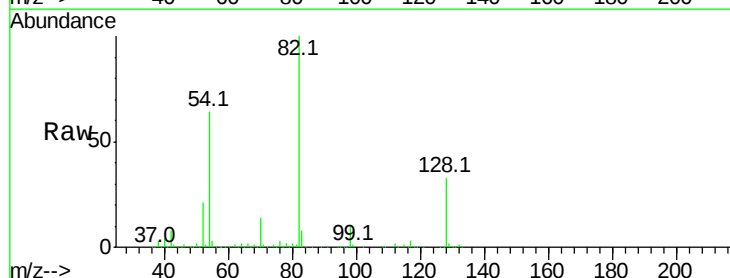
Tgt Ion: 117 Resp: 14412

Ion Ratio Lower Upper

117 100

119 7.3 78.1 117.1#

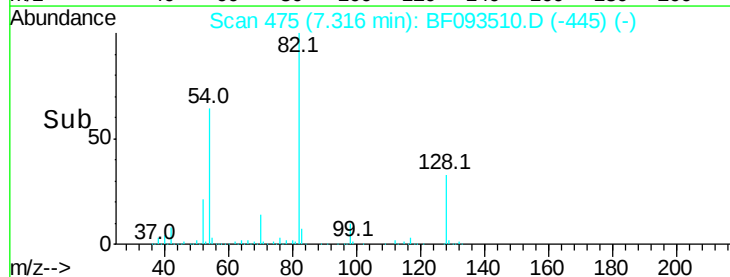
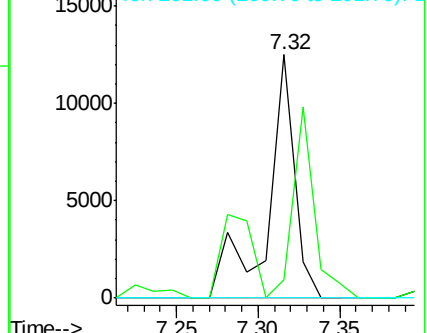
201 0.0 78.6 117.8#

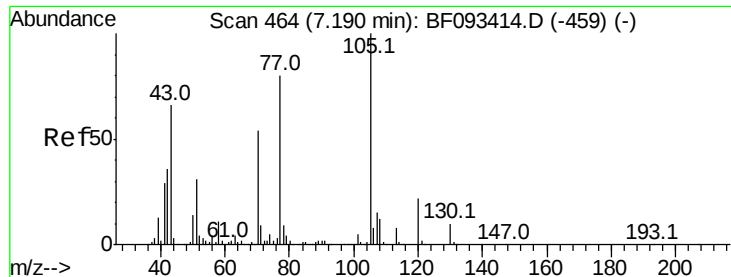


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

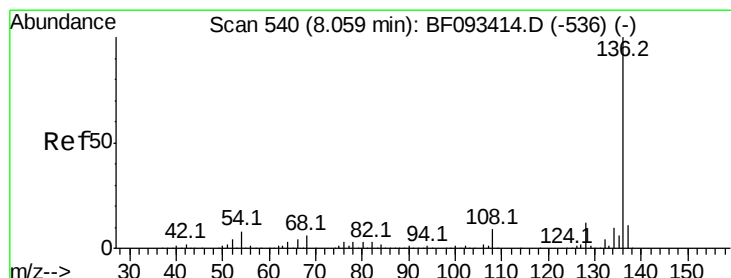
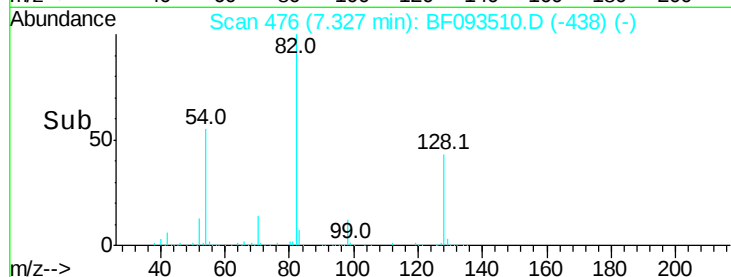
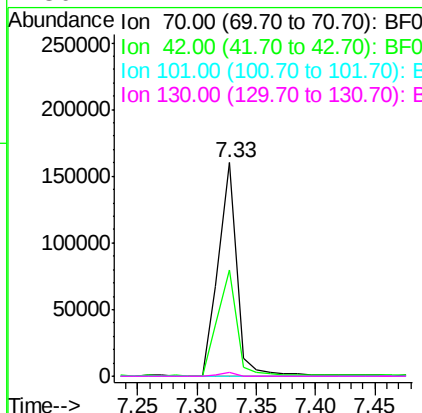
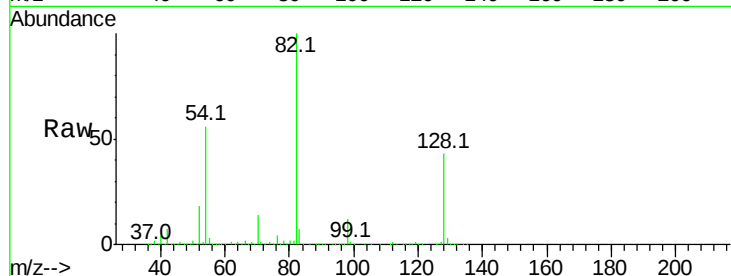




#19
n-Nitroso-di-n-propylamine
Concen: 18.79 ng
RT: 7.33 min Scan# 476
Delta R.T. 0.14 min
Lab File: BF093510.D
Acq: 10 Mar 2017 8:11

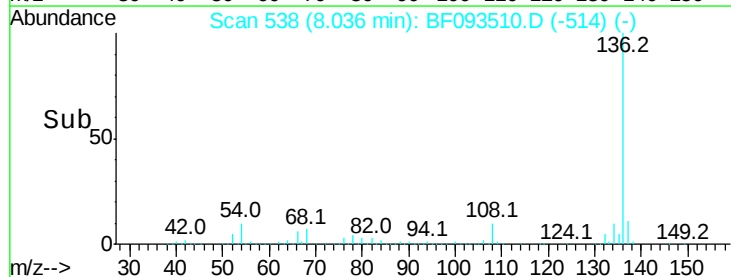
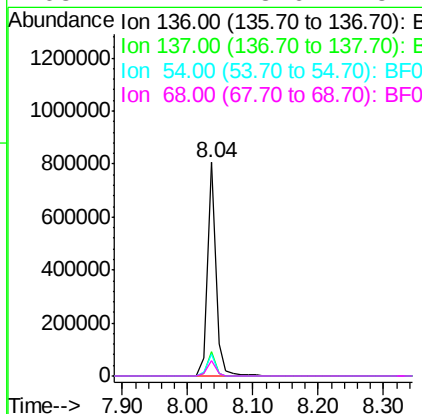
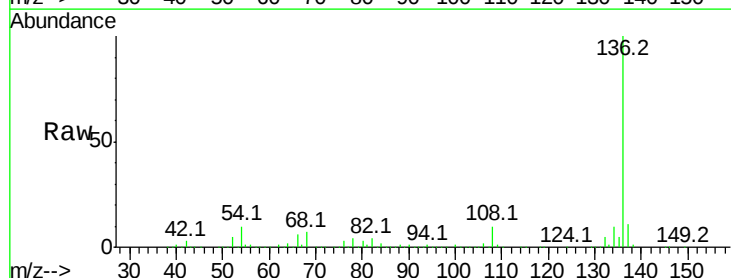
Instrument :
BNA_F
ClientSampled :

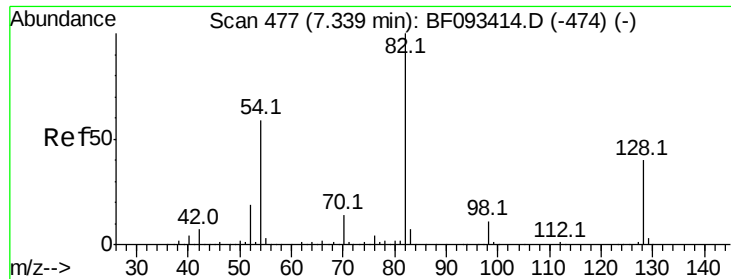
Tot Ion: 70 Resp: 173376
Ion Ratio Lower Upper
70 100
42 49.7 49.4 74.0
101 0.0 7.4 11.2#
130 2.1 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF093510.D
Acq: 10 Mar 2017 8:11

Tgt Ion:136 Resp: 713460
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 10.1 4.5 6.7#
68 7.4 3.6 5.4#



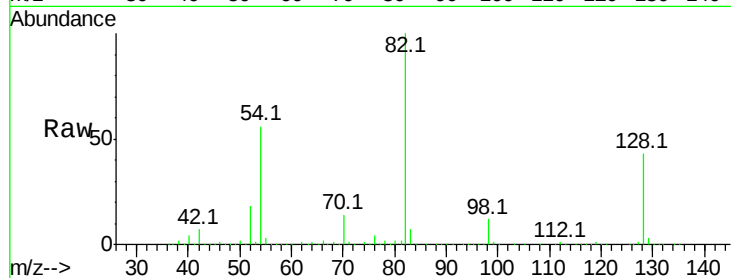


#23
 Nitrobenzene-d5
 Concen: 99.39 ng
 RT: 7.33 min Scan# 476
 Delta R.T. -0.01 min
 Lab File: BF093510.D
 Acq: 10 Mar 2017 8:11

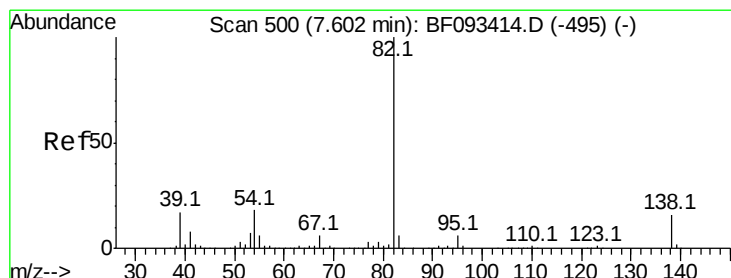
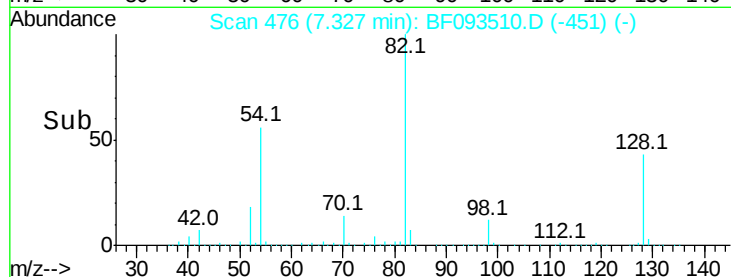
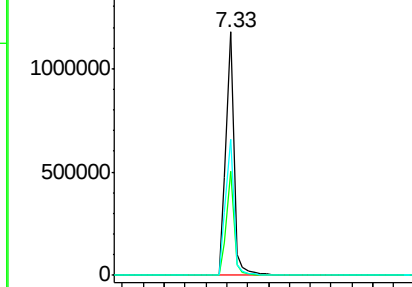
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1278004

Ion	Ratio	Lower	Upper
82	100		
128	42.7	34.6	52.0
54	56.0	39.5	59.3



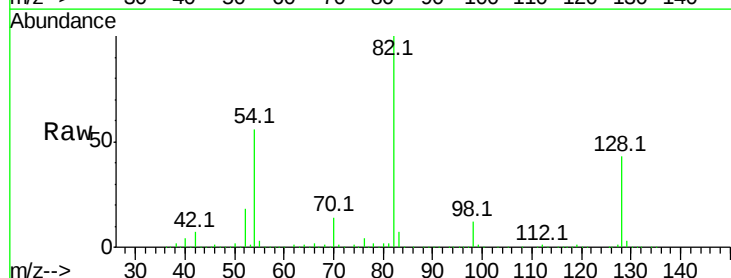
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0



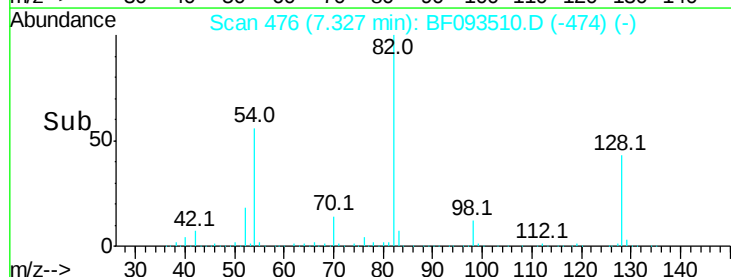
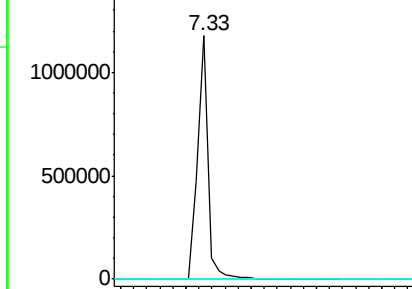
#25
 Isophorone
 Concen: 49.00 ng
 RT: 7.33 min Scan# 476
 Delta R.T. -0.27 min
 Lab File: BF093510.D
 Acq: 10 Mar 2017 8:11

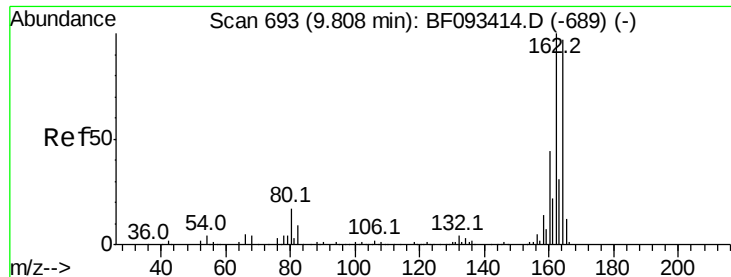
Tgt Ion: 82 Resp: 1270527

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: 9.78 min Scan# 691

Delta R.T. -0.02 min

Lab File: BF093510.D

Acq: 10 Mar 2017 8:11

Instrument :

BNA_F

ClientSampled :

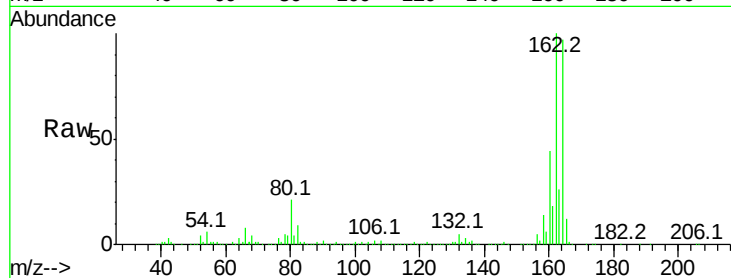
Tot Ion:164 Resp: 340308

Ion Ratio Lower Upper

164 100

162 102.6 80.2 120.2

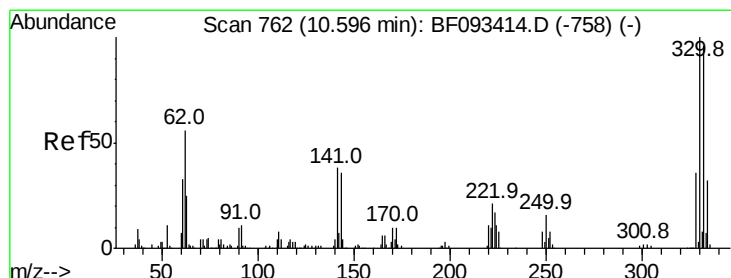
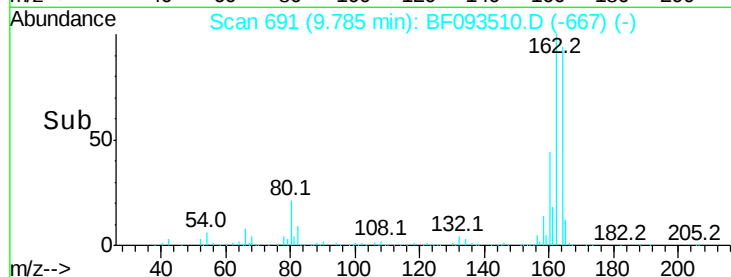
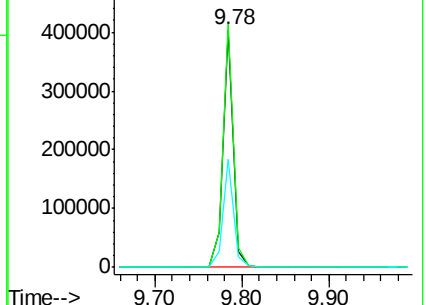
160 45.4 36.9 55.3



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: 142.93 ng

RT: 10.58 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF093510.D

Acq: 10 Mar 2017 8:11

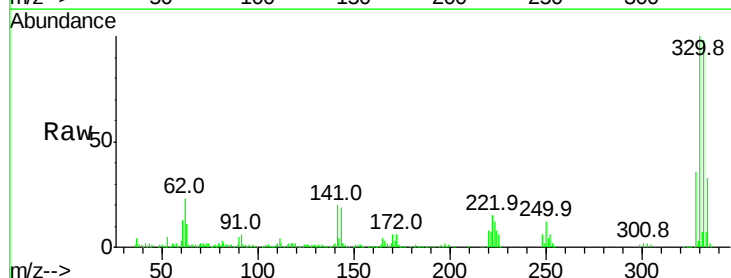
Tgt Ion:330 Resp: 316889

Ion Ratio Lower Upper

330 100

332 98.1 77.4 116.2

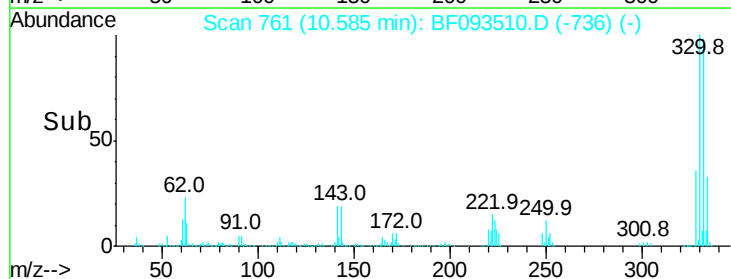
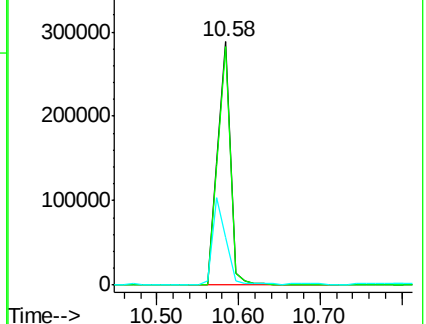
141 37.6 34.1 51.1

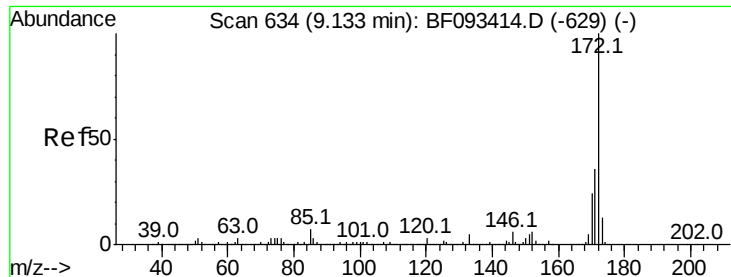


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 89.18 ng

RT: 9.11 min Scan# 632

Delta R.T. -0.02 min

Lab File: BF093510.D

Acq: 10 Mar 2017 8:11

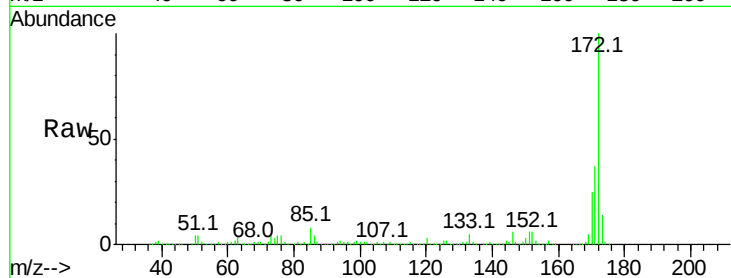
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 1631677

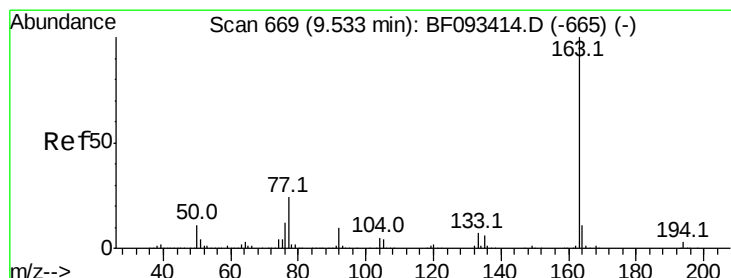
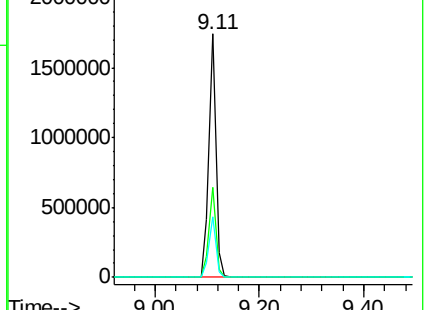
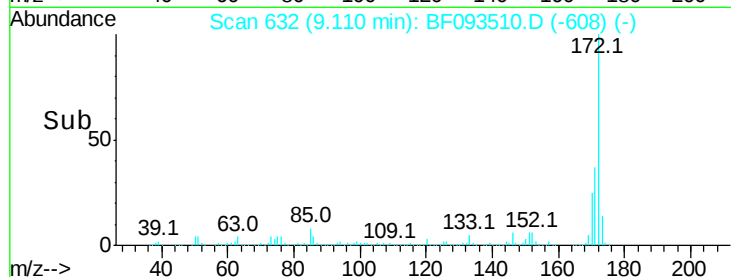
Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.0
170	24.7	20.2	30.4



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: 4.98 ng

RT: 9.51 min Scan# 667

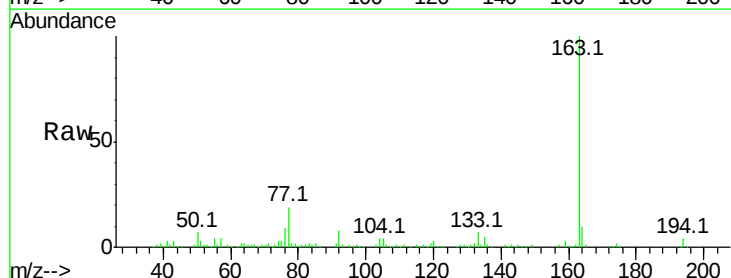
Delta R.T. -0.02 min

Lab File: BF093510.D

Acq: 10 Mar 2017 8:11

Tgt Ion:163 Resp: 112277

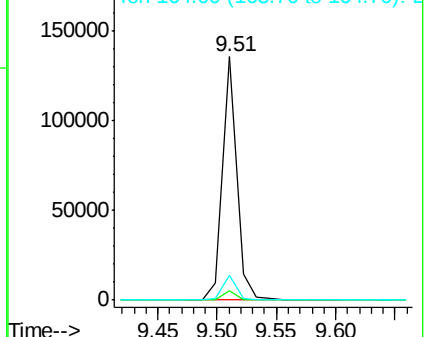
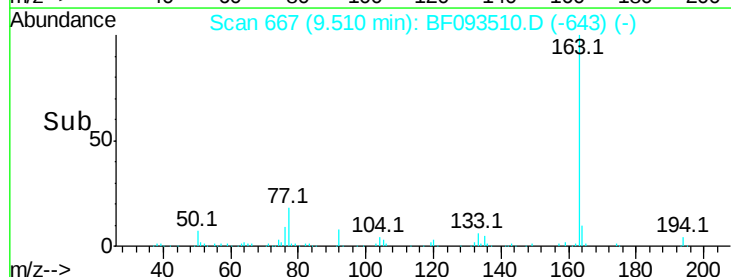
Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.4
164	10.3	8.0	12.0

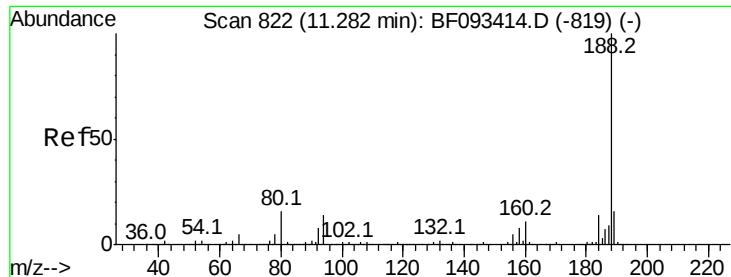


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

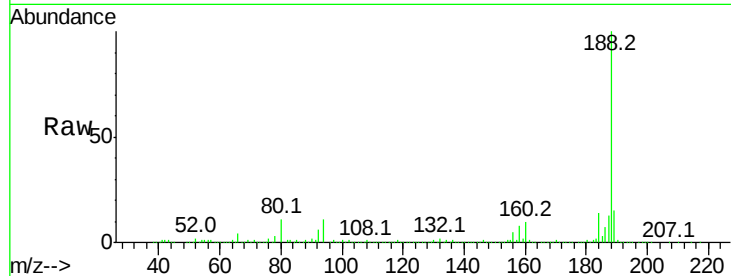




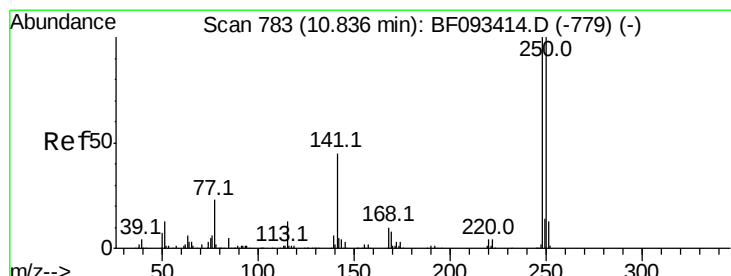
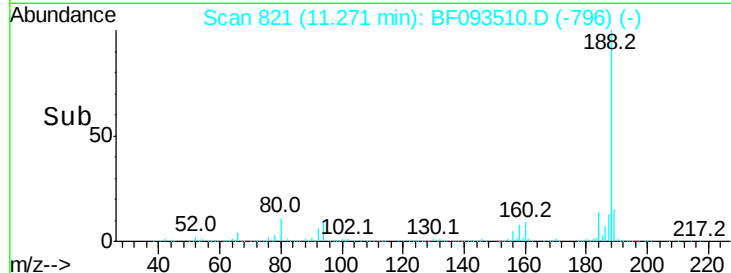
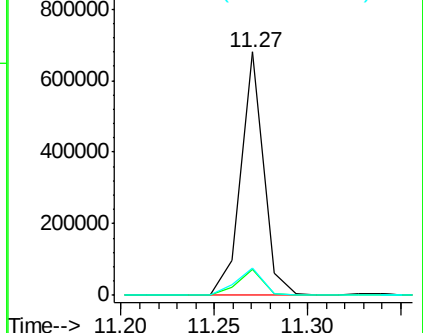
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF093510.D
Acq: 10 Mar 2017 8:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 582339
Ion Ratio Lower Upper
188 100
94 10.6 10.0 15.0
80 11.5 11.2 16.8

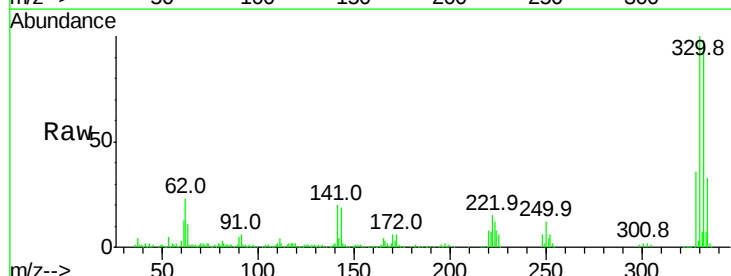


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

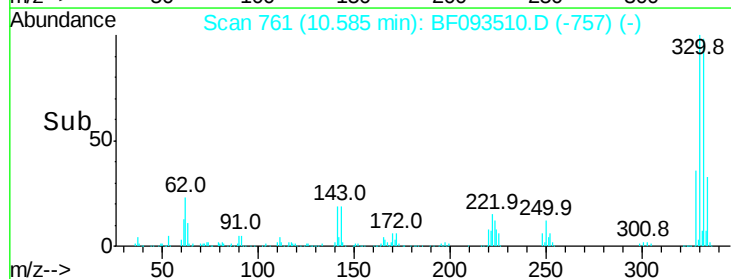
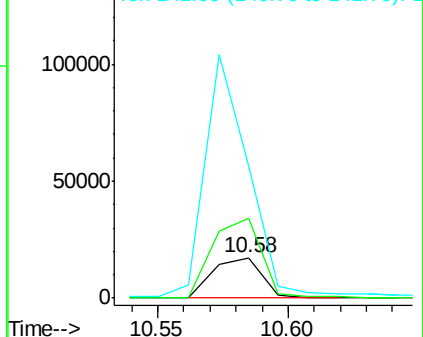


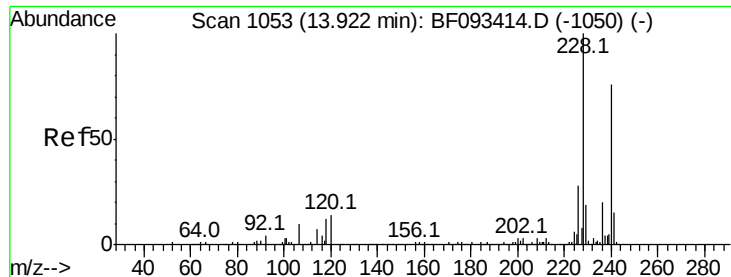
#66
4-Bromophenyl-phenylether
Concen: 3.64 ng
RT: 10.58 min Scan# 761
Delta R.T. -0.25 min
Lab File: BF093510.D
Acq: 10 Mar 2017 8:11

Tgt Ion:248 Resp: 22440
Ion Ratio Lower Upper
248 100
250 197.1 76.9 115.3#
141 329.5 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: 13.91 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF093510.D

Acq: 10 Mar 2017 8:11

Instrument :

BNA_F

ClientSampled :

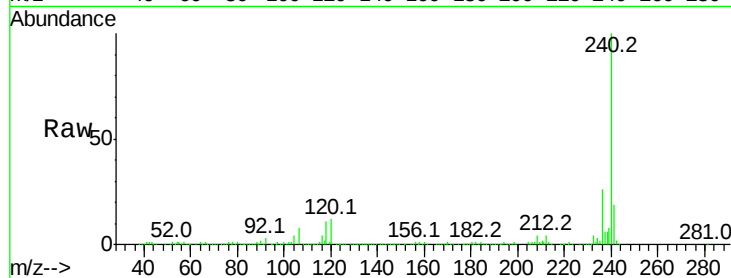
Tot Ion:240 Resp: 370710

Ion Ratio Lower Upper

240 100

120 12.4 12.9 19.3#

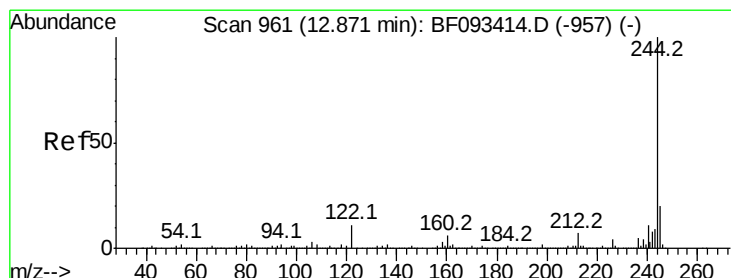
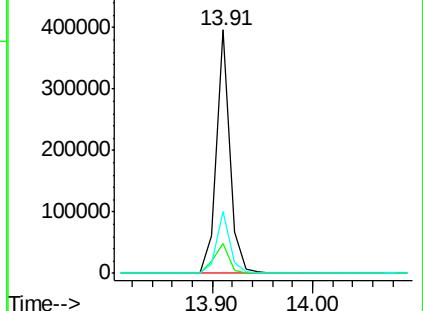
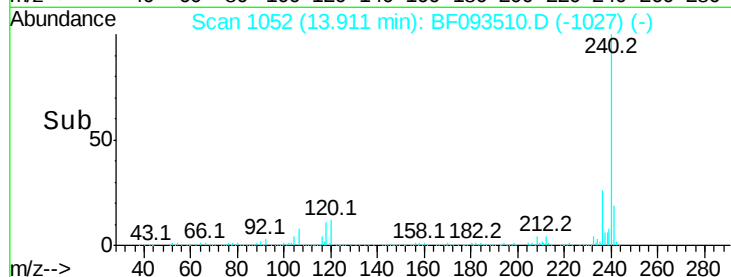
236 25.6 20.9 31.3



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: 86.05 ng

RT: 12.85 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF093510.D

Acq: 10 Mar 2017 8:11

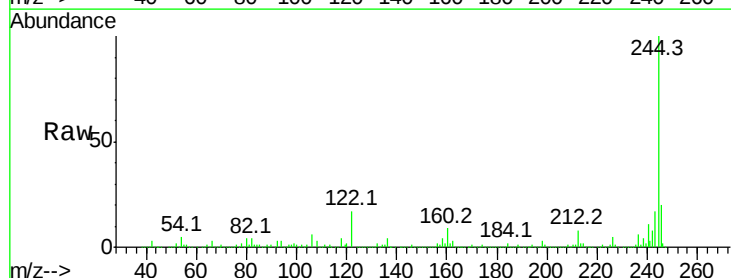
Tgt Ion:244 Resp: 1227006

Ion Ratio Lower Upper

244 100

212 8.4 6.2 9.2

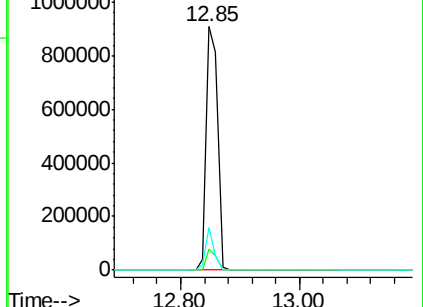
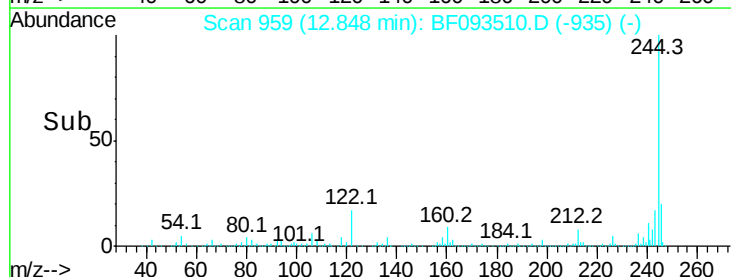
122 17.4 11.4 17.2#

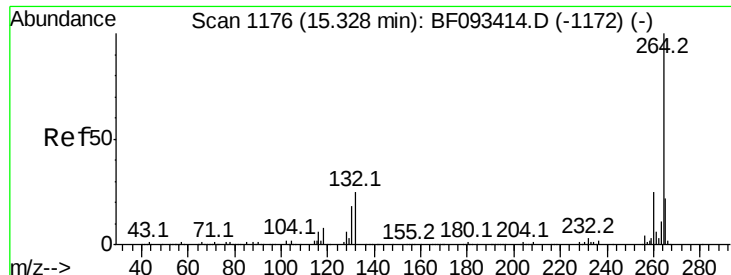


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

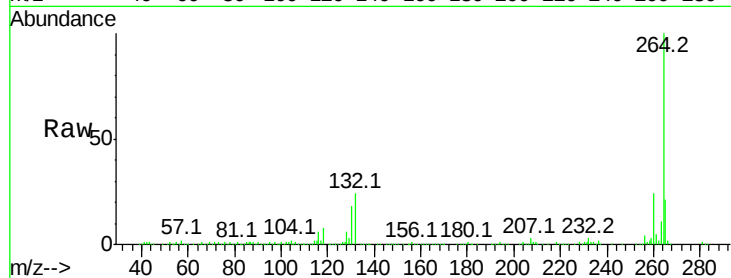




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF093510.D
Acq: 10 Mar 2017 8:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.2	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

