

Data Path : Z:\HPCHEM1\BNA F\Data\BF022017\
 Data File : BF093063.D
 Acq On : 21 Feb 2017 9:02
 Operator : SJ/MA
 Sample : I1897-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 21 13:22:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

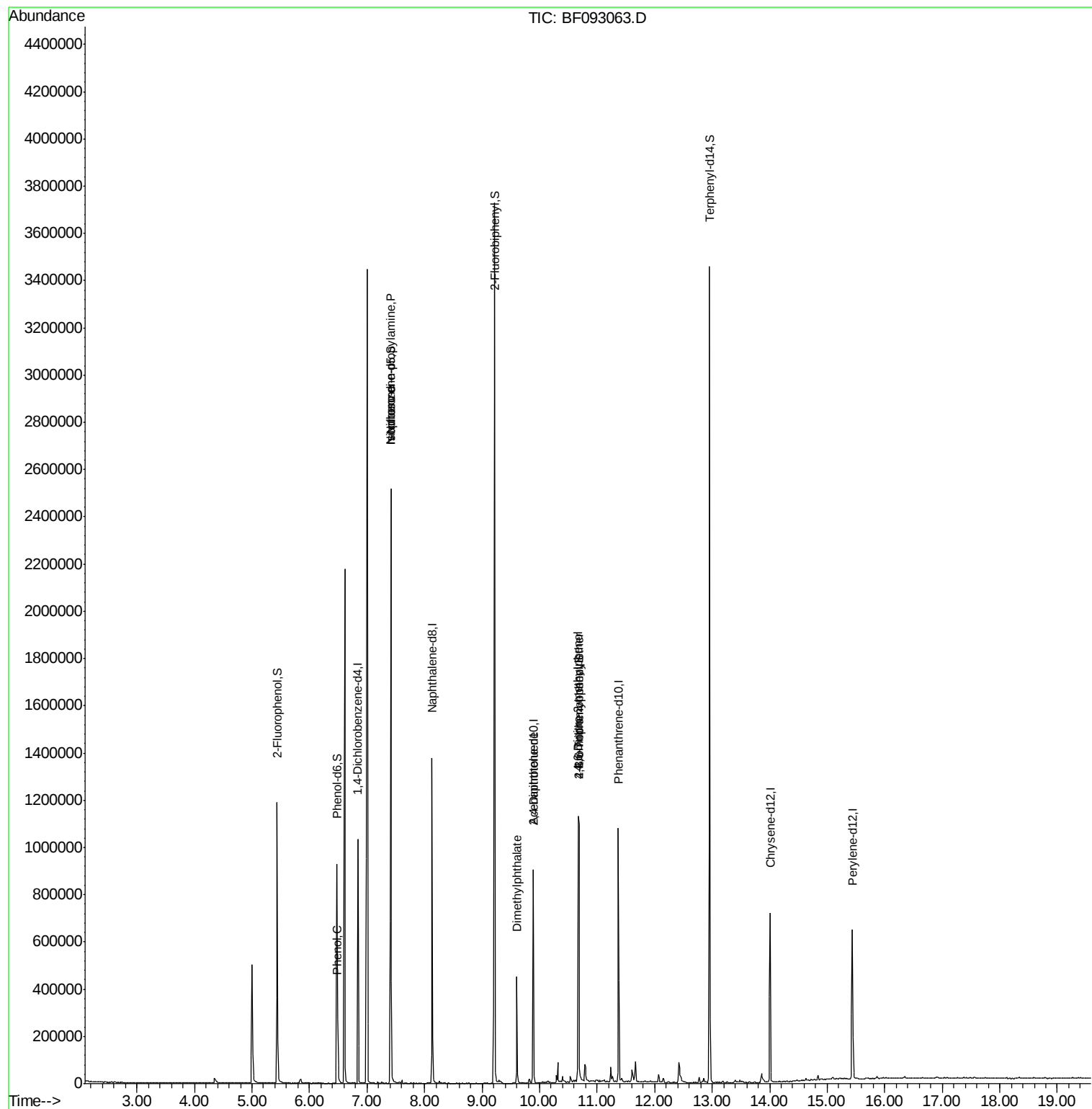
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	146641	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	577971	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	258246	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	426444	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	293666	20.00	ng	-0.01
86) Perylene-d12	15.44	264	277004	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	353234	41.33	ng	-0.01
7) Phenol-d6	6.48	99	287479	26.14	ng	-0.01
23) Nitrobenzene-d5	7.41	82	862188	83.07	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	197824	105.91	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1691753	118.68	ng	0.00
78) Terphenyl-d14	12.96	244	1049218	83.95	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	51170	3.98	ng	# 77
19) n-Nitroso-di-n-propylamine	7.41	70	115071	16.44	ng	# 80
25) Isophorone	7.41	82	702448	36.32	ng	# 65
49) Dimethylphthalate	9.61	163	177115	10.18	ng	100
56) 2,4-Dinitrotoluene	9.89	165	32237	6.45	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.67	198	254	2.76	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	13917	3.12	ng	# 1

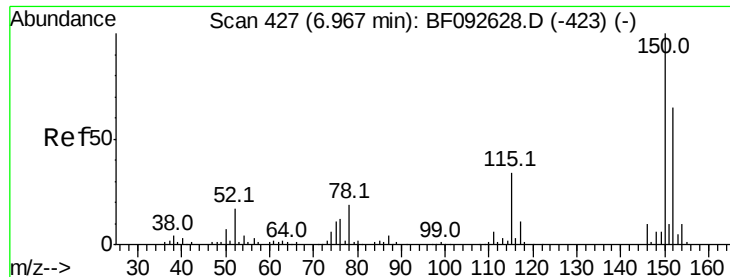
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF093063.D

Acq: 21 Feb 2017 9:02

Instrument :

BNA_F

ClientSampleId :

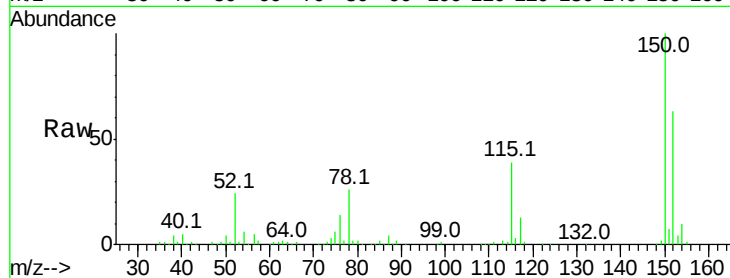
Tot Ion:152 Resp: 146641

Ion Ratio Lower Upper

152 100

150 158.9 124.9 187.3

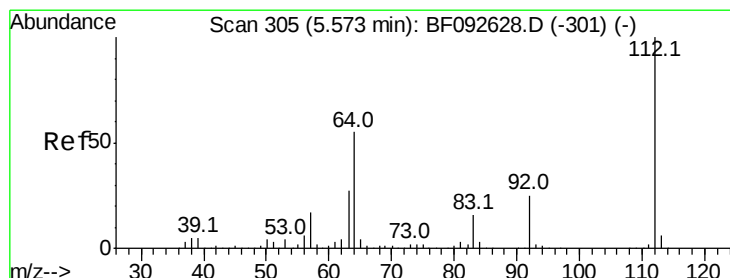
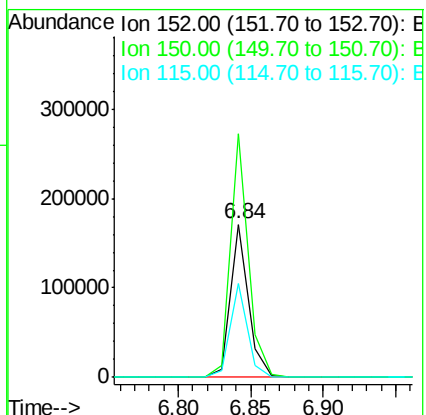
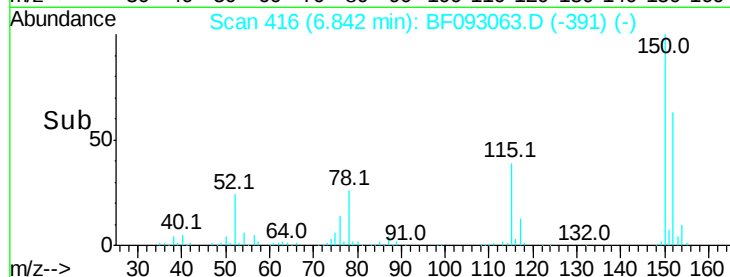
115 61.2 46.0 69.0



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: 41.33 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF093063.D

Acq: 21 Feb 2017 9:02

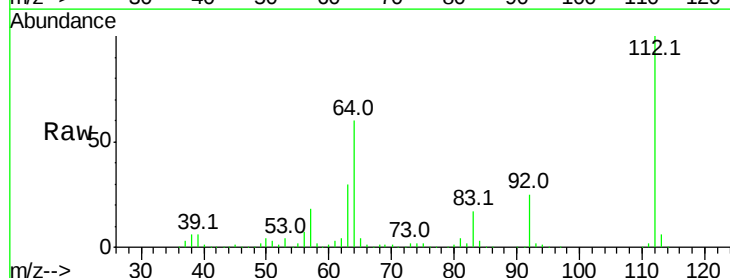
Tgt Ion:112 Resp: 353234

Ion Ratio Lower Upper

112 100

64 60.2 46.1 69.1

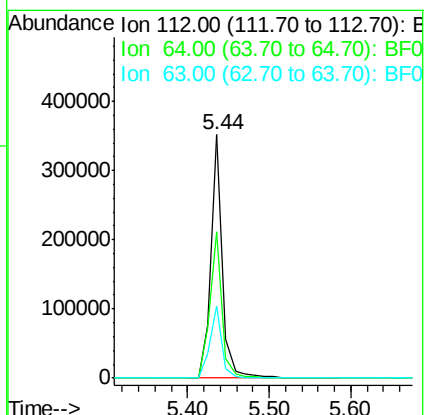
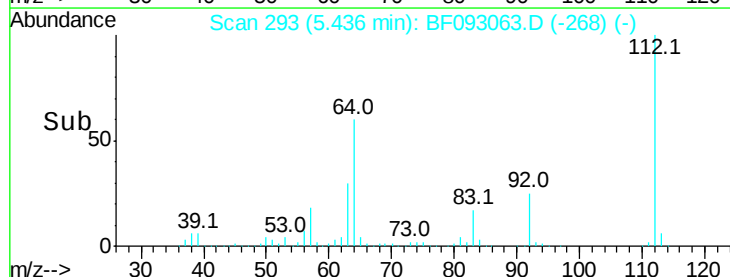
63 29.5 23.8 35.6

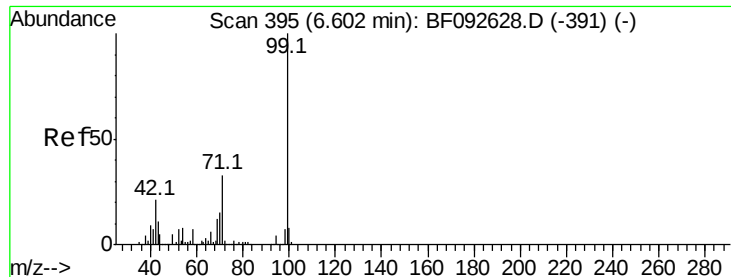


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 26.14 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093063.D

Acq: 21 Feb 2017 9:02

Instrument :

BNA_F

ClientSampled :

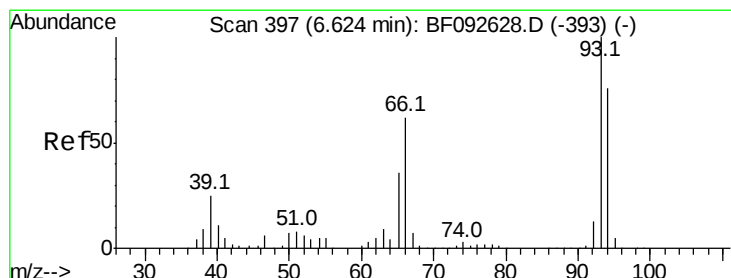
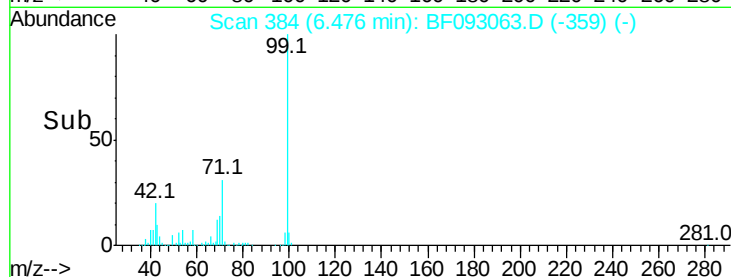
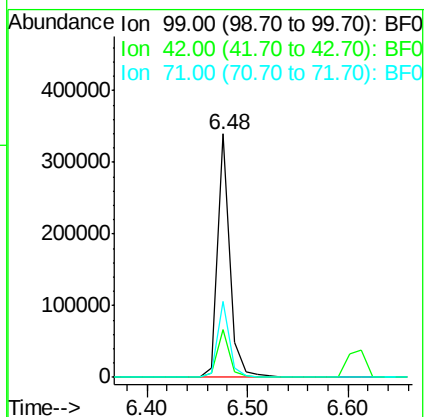
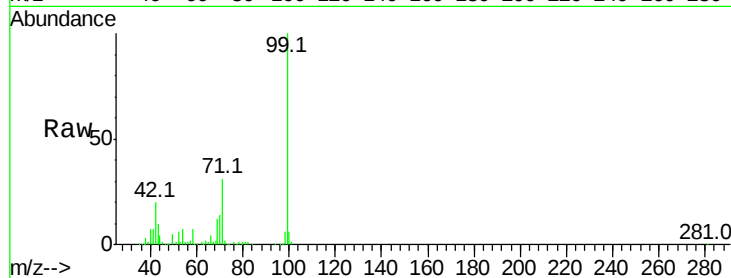
Tot Ion: 99 Resp: 287479

Ion Ratio Lower Upper

99 100

42 19.6 15.6 23.4

71 31.0 27.5 41.3



#10

Phenol

Concen: 3.98 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF093063.D

Acq: 21 Feb 2017 9:02

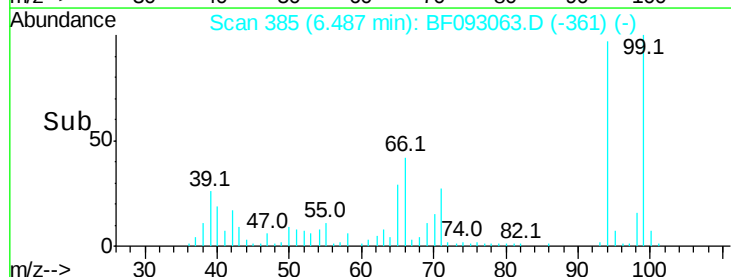
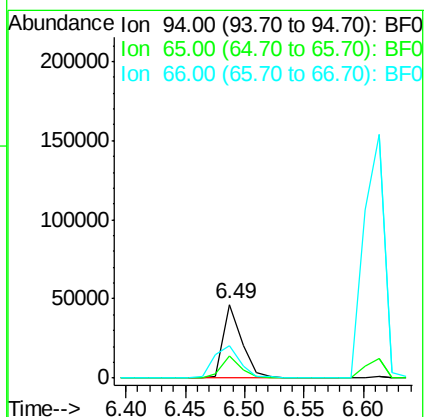
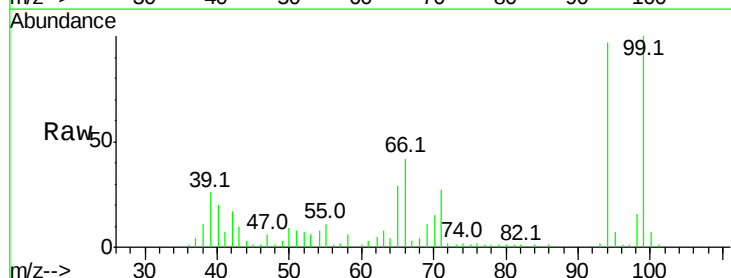
Tgt Ion: 94 Resp: 51170

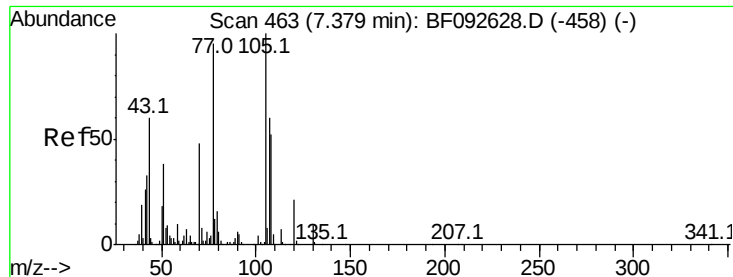
Ion Ratio Lower Upper

94 100

65 30.5 21.4 61.4

66 43.4 44.0 84.0#

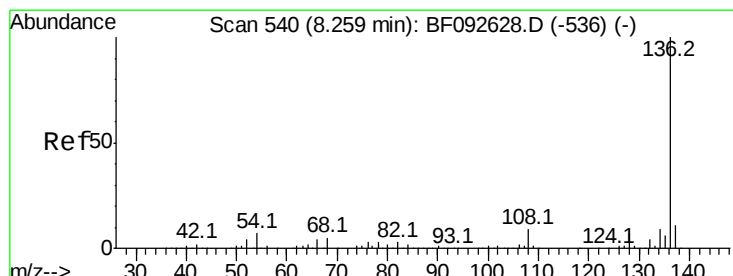
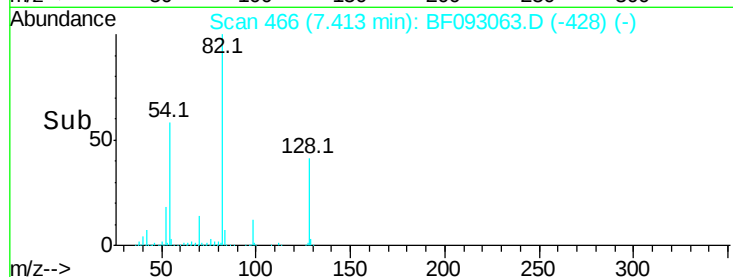
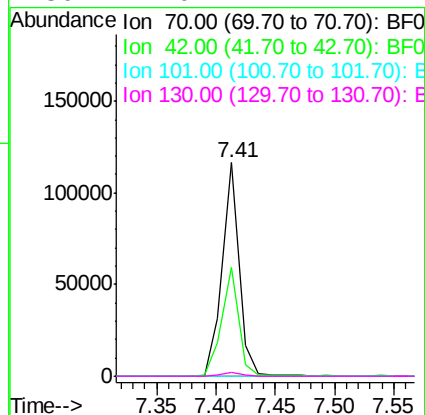
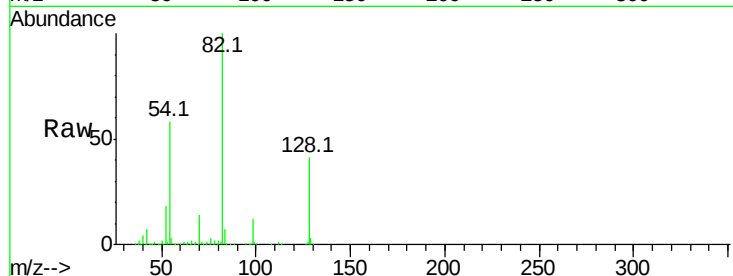




#19
n-Nitroso-di-n-propylamine
Concen: 16.44 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.14 min
Lab File: BF093063.D
Acq: 21 Feb 2017 9:02

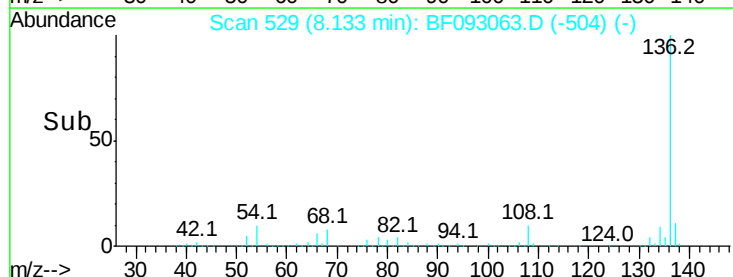
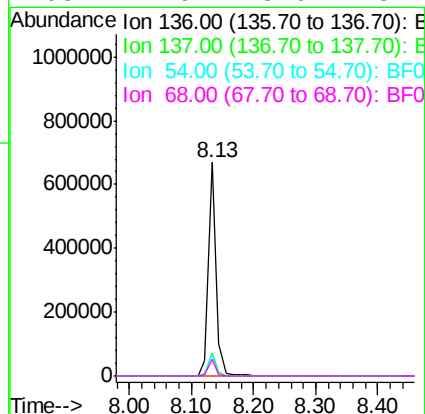
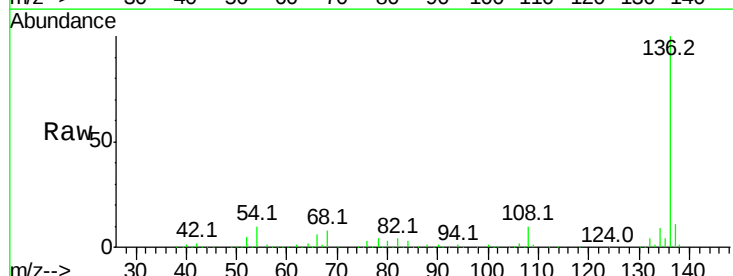
Instrument :
BNA_F
ClientSampleId :

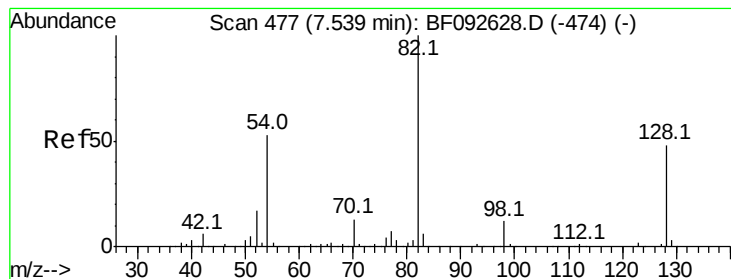
Tot Ion: 70 Resp: 115071
Ion Ratio Lower Upper
70 100
42 50.7 49.4 74.0
101 0.0 7.4 11.2#
130 2.0 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF093063.D
Acq: 21 Feb 2017 9:02

Tgt Ion: 136 Resp: 577971
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 10.3 4.5 6.7#
68 7.6 3.6 5.4#





#23

Nitrobenzene-d5

Concen: 83.07 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.01 min

Lab File: BF093063.D

Acq: 21 Feb 2017 9:02

Instrument :

BNA_F

ClientSampleId :

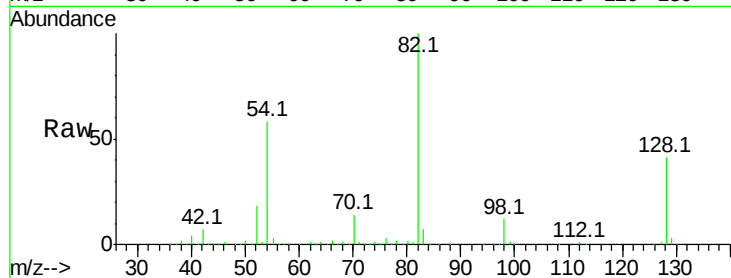
Tot Ion: 82 Resp: 862188

Ion Ratio Lower Upper

82 100

128 41.4 34.6 52.0

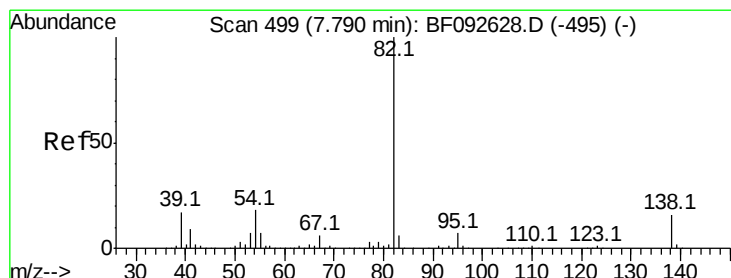
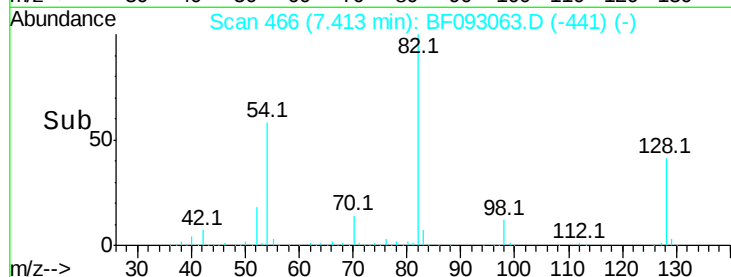
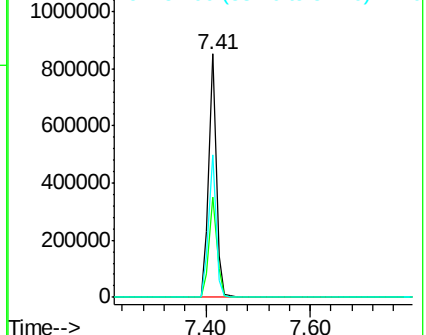
54 58.4 39.5 59.3



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: 36.32 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.27 min

Lab File: BF093063.D

Acq: 21 Feb 2017 9:02

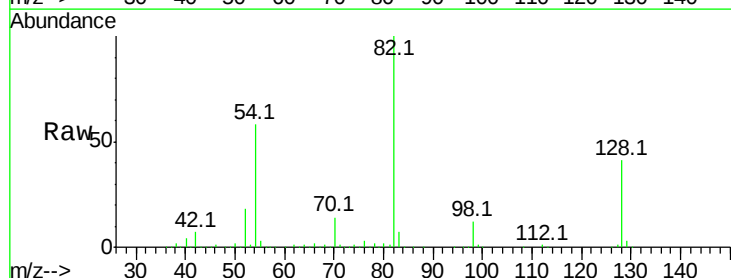
Tgt Ion: 82 Resp: 702448

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

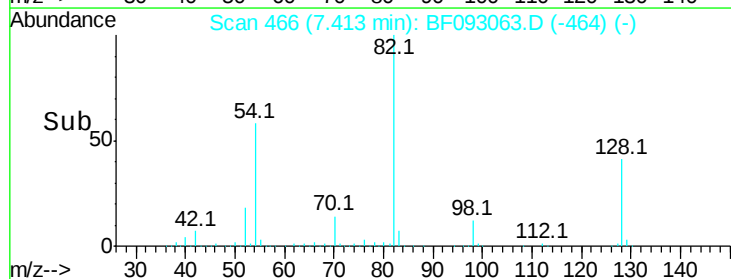
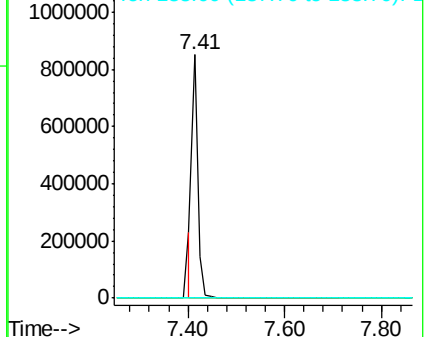
138 0.0 14.6 22.0#

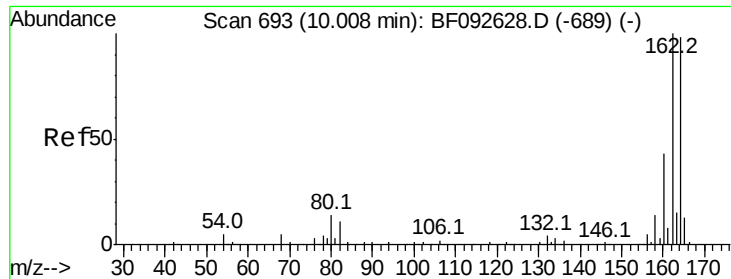


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

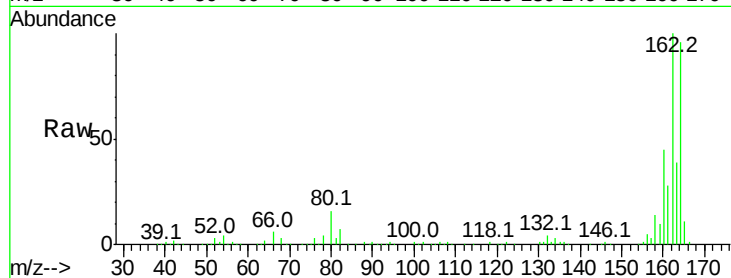




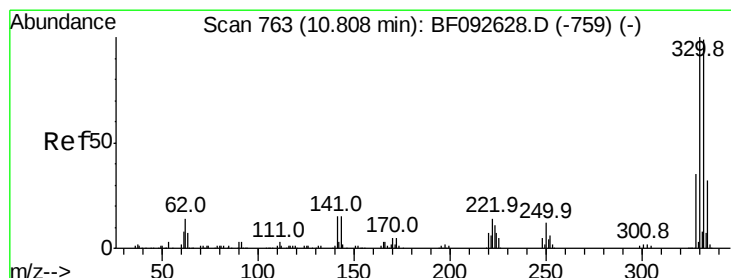
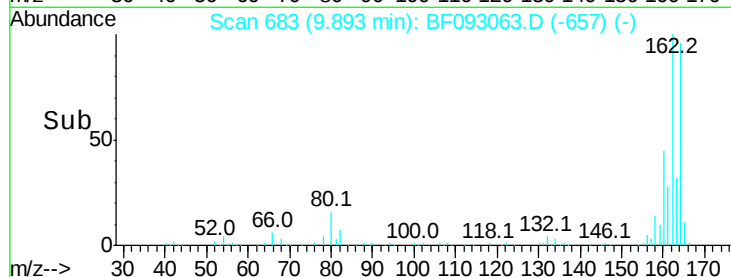
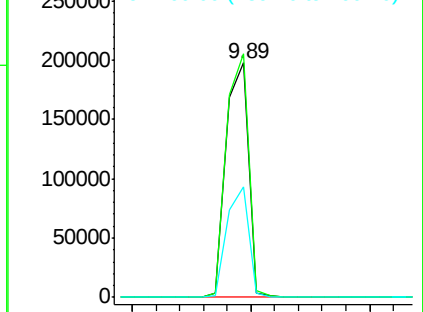
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF093063.D
Acq: 21 Feb 2017 9:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 258246
Ion Ratio Lower Upper
164 100
162 103.8 80.2 120.2
160 47.2 36.9 55.3

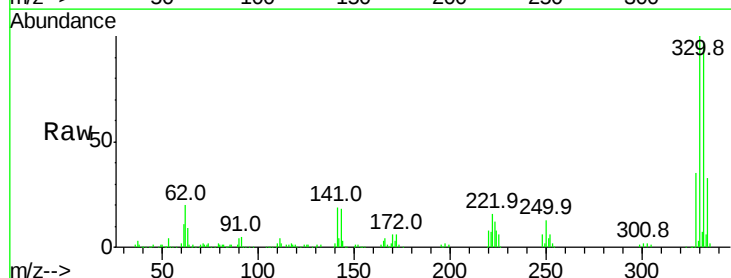


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

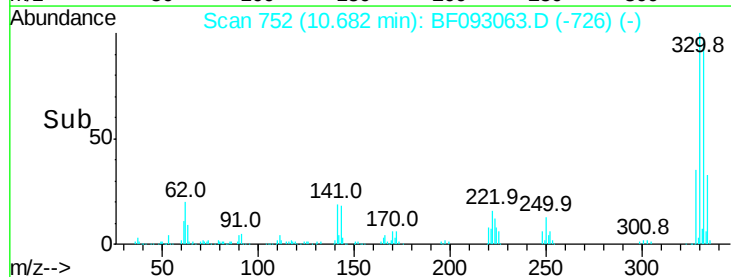
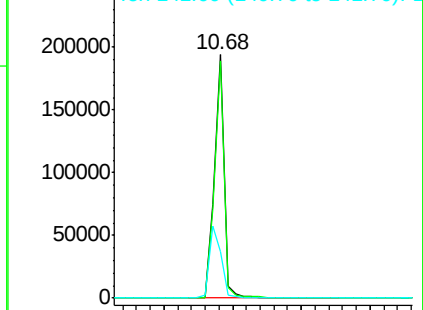


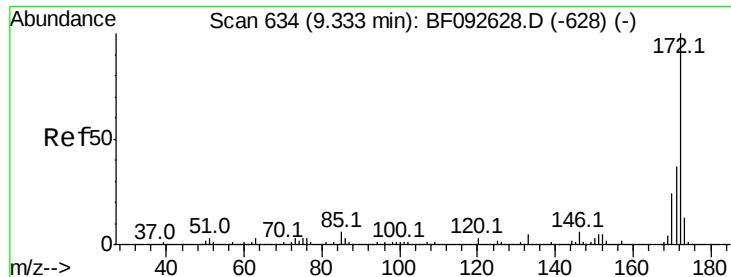
#41
2,4,6-Tribromophenol
Concen: 105.91 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.00 min
Lab File: BF093063.D
Acq: 21 Feb 2017 9:02

Tgt Ion:330 Resp: 197824
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.2
141 35.2 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

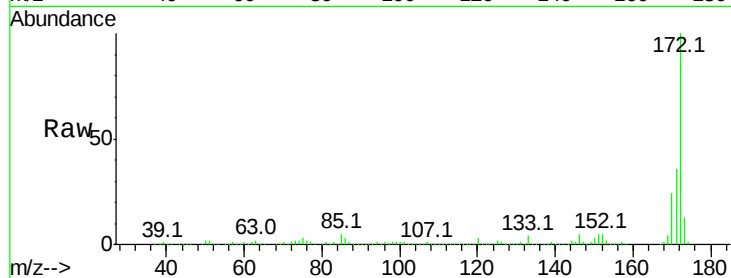




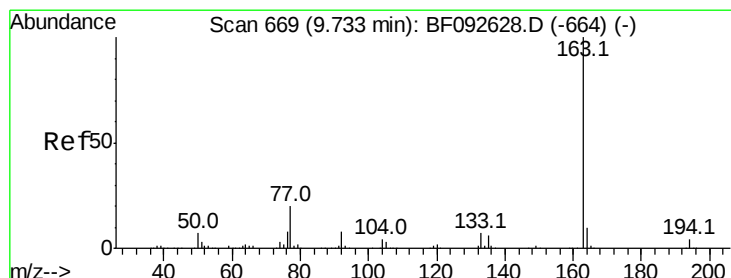
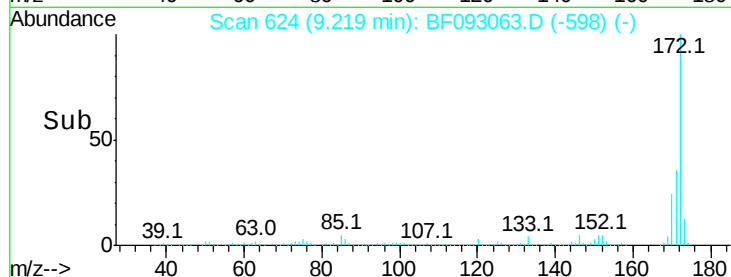
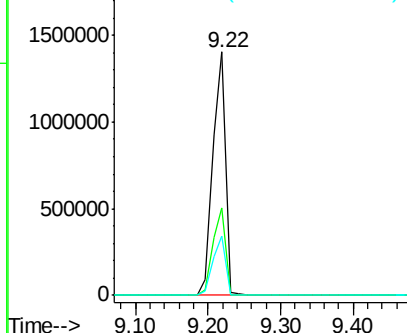
#44
 2-Fluorobiphenyl
 Concen: 118.68 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF093063.D
 Acq: 21 Feb 2017 9:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1691753
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 24.4 20.2 30.4

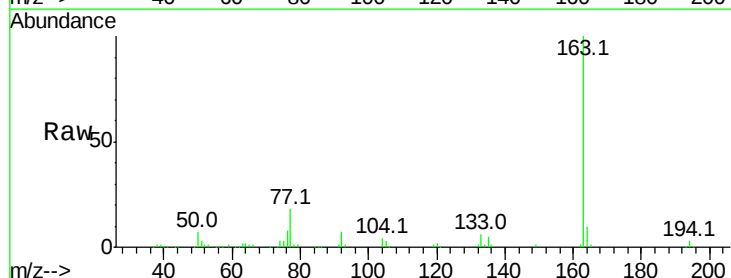


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

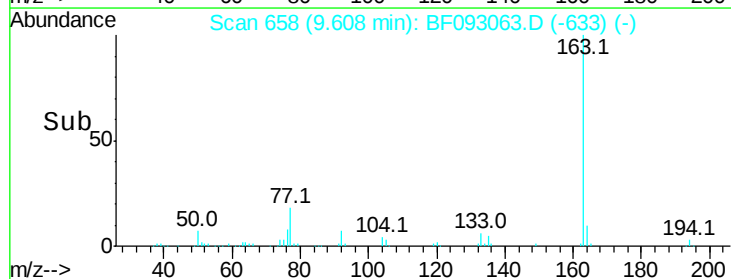
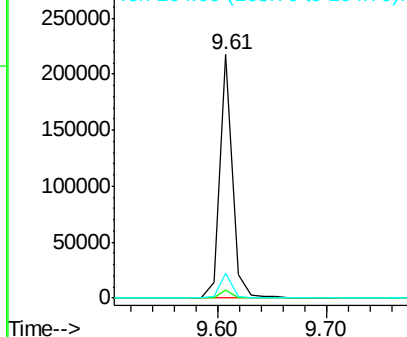


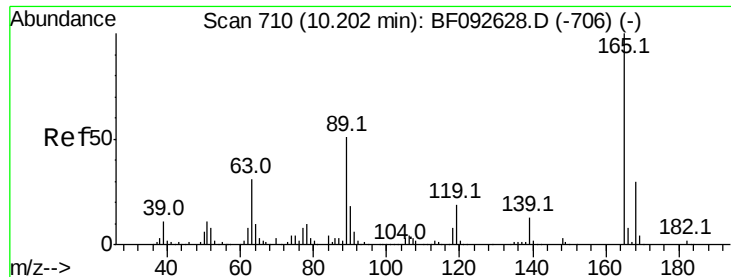
#49
 Dimethylphthalate
 Concen: 10.18 ng
 RT: 9.61 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF093063.D
 Acq: 21 Feb 2017 9:02

Tgt Ion:163 Resp: 177115
 Ion Ratio Lower Upper
 163 100
 194 3.4 3.0 4.4
 164 10.1 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





#56

2,4-Dinitrotoluene

Concen: 6.45 ng

RT: 9.89 min Scan# 683

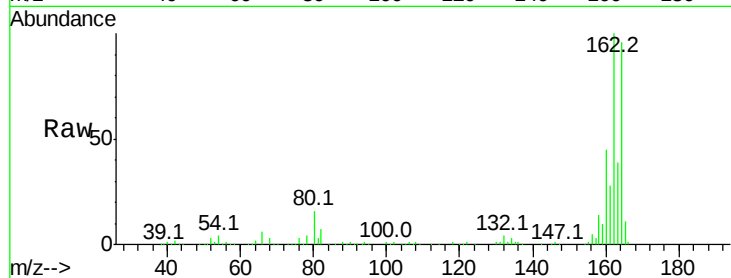
Delta R.T. -0.19 min

Lab File: BF093063.D

Acq: 21 Feb 2017 9:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	32237
Ion Ratio	Lower	Upper
165	100	
63	2.2	40.2 60.4#
89	2.0	62.5 93.7#
182	0.0	1.8 2.8#

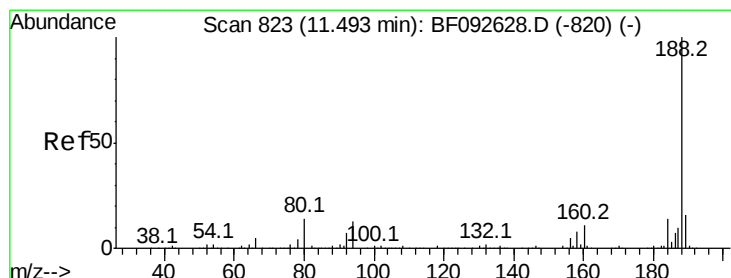
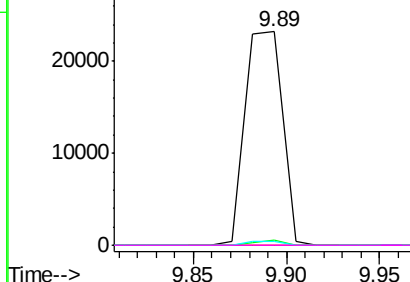
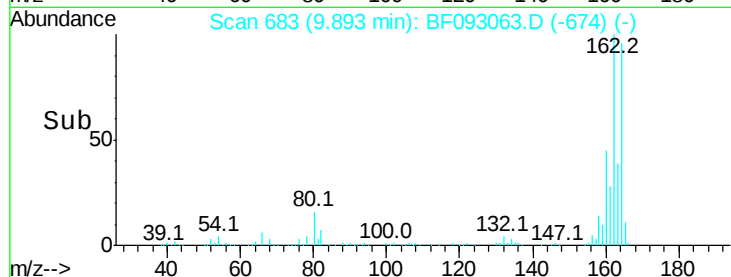


Abundance Ion 165.00 (164.70 to 165.70): E

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

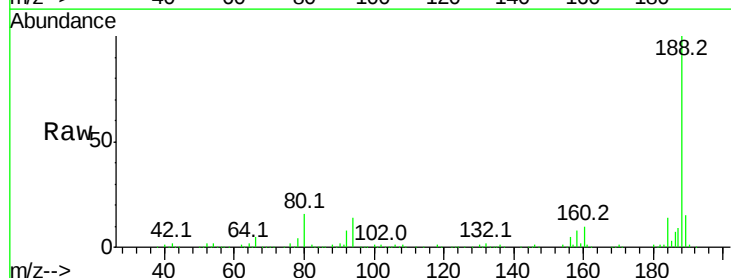
RT: 11.37 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF093063.D

Acq: 21 Feb 2017 9:02

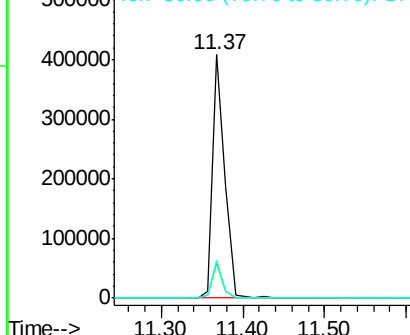
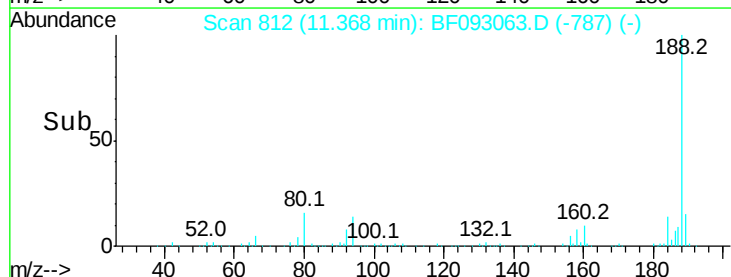
Tgt Ion:188	Resp:	426444
Ion Ratio	Lower	Upper
188	100	
94	14.2	10.0 15.0
80	15.6	11.2 16.8

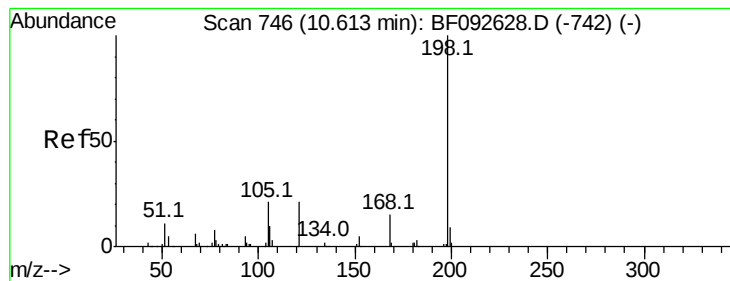


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 2.76 ng

RT: 10.67 min Scan# 751

Delta R.T. 0.17 min

Lab File: BF093063.D

Acq: 21 Feb 2017 9:02

Instrument :

BNA_F

ClientSampleId :

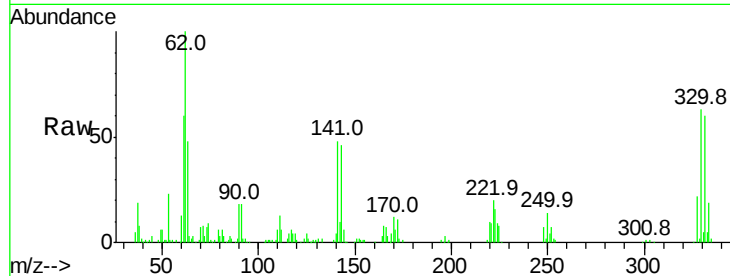
Tot Ion:198 Resp: 254

Ion Ratio Lower Upper

198 100

51 290.6 6.7 46.7#

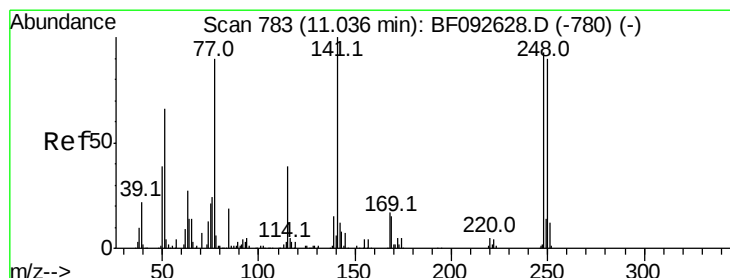
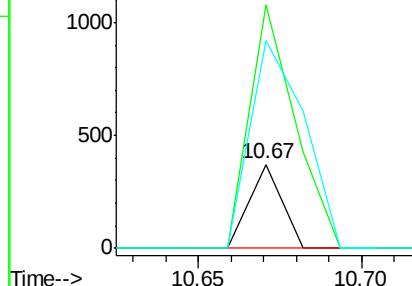
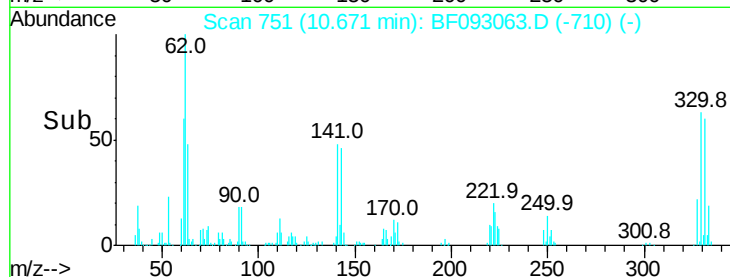
105 247.7 16.6 56.6#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 3.12 ng

RT: 10.68 min Scan# 752

Delta R.T. -0.24 min

Lab File: BF093063.D

Acq: 21 Feb 2017 9:02

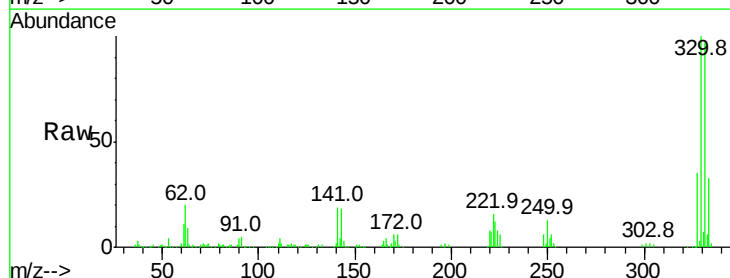
Tgt Ion:248 Resp: 13917

Ion Ratio Lower Upper

248 100

250 205.8 76.9 115.3#

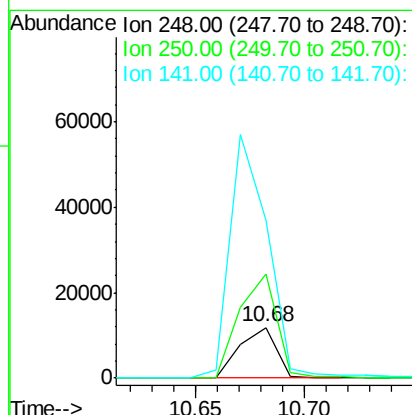
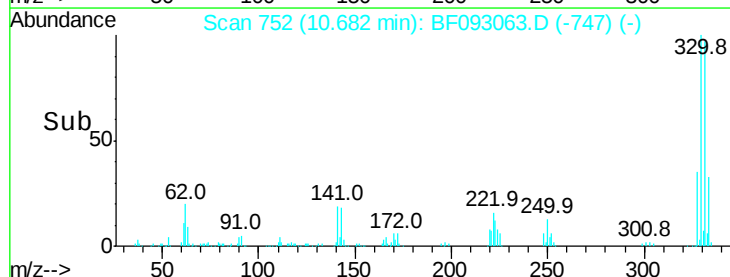
141 312.7 68.2 102.4#

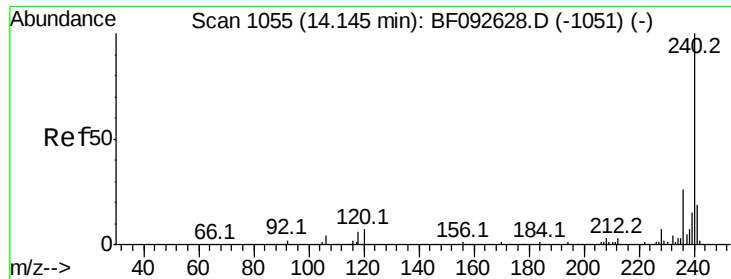


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF093063.D

Acq: 21 Feb 2017 9:02

Instrument :

BNA_F

ClientSampleId :

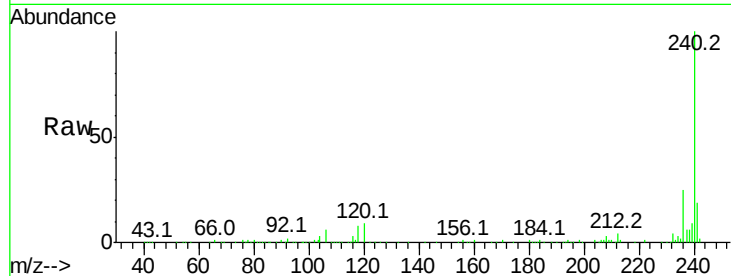
Tot Ion:240 Resp: 293666

Ion Ratio Lower Upper

240 100

120 9.3 12.9 19.3#

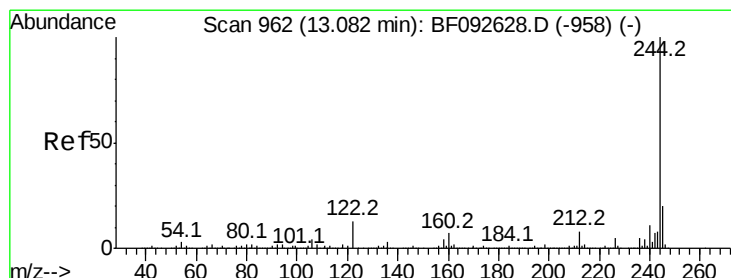
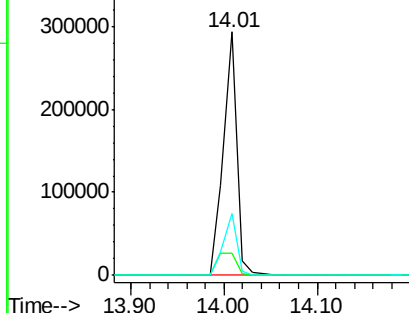
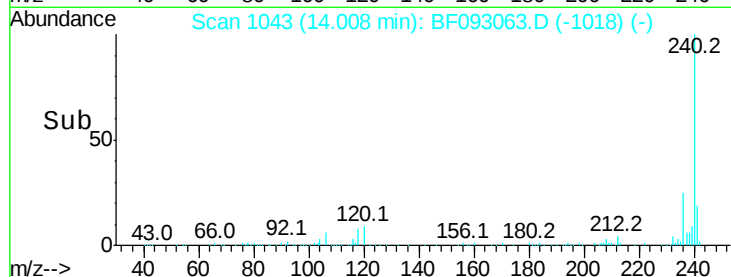
236 25.3 20.9 31.3



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: 83.95 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF093063.D

Acq: 21 Feb 2017 9:02

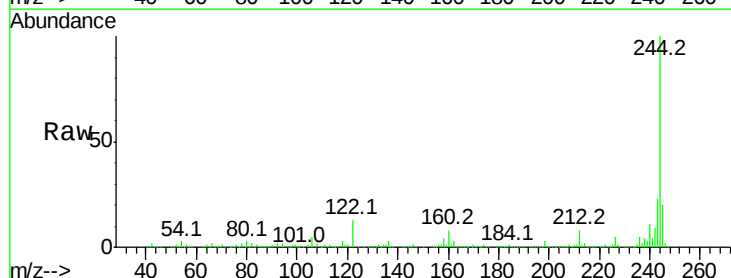
Tgt Ion:244 Resp: 1049218

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

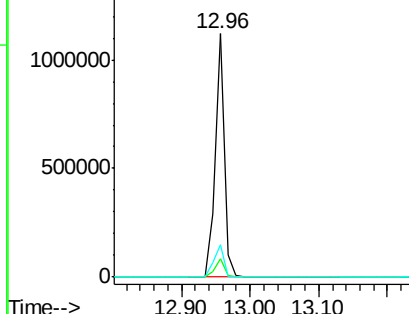
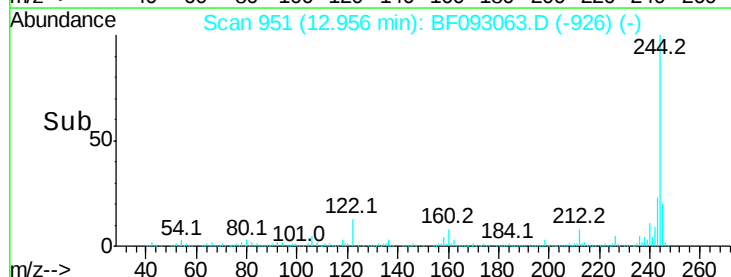
122 13.5 11.4 17.2

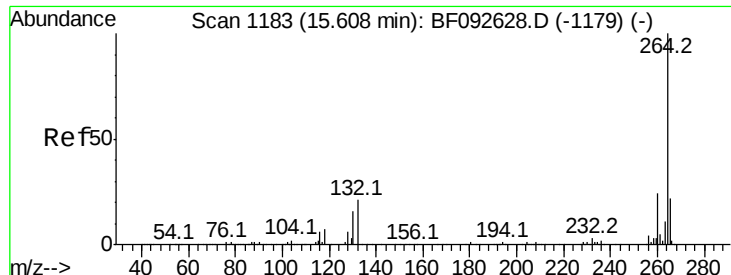


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

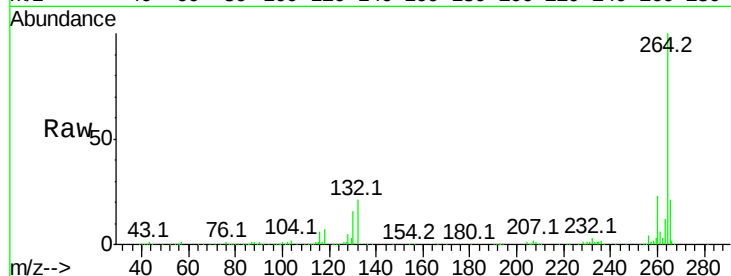




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF093063.D
 Acq: 21 Feb 2017 9:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 277004
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 20.8 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

