

Data Path : Z:\HPCHEM1\BNA F\Data\BF021517\
 Data File : BF092954.D
 Acq On : 15 Feb 2017 16:46
 Operator : SJ/MA
 Sample : PB96953BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 15 17:29:37 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 13 18:04:38 2017
 Response via : Initial Calibration

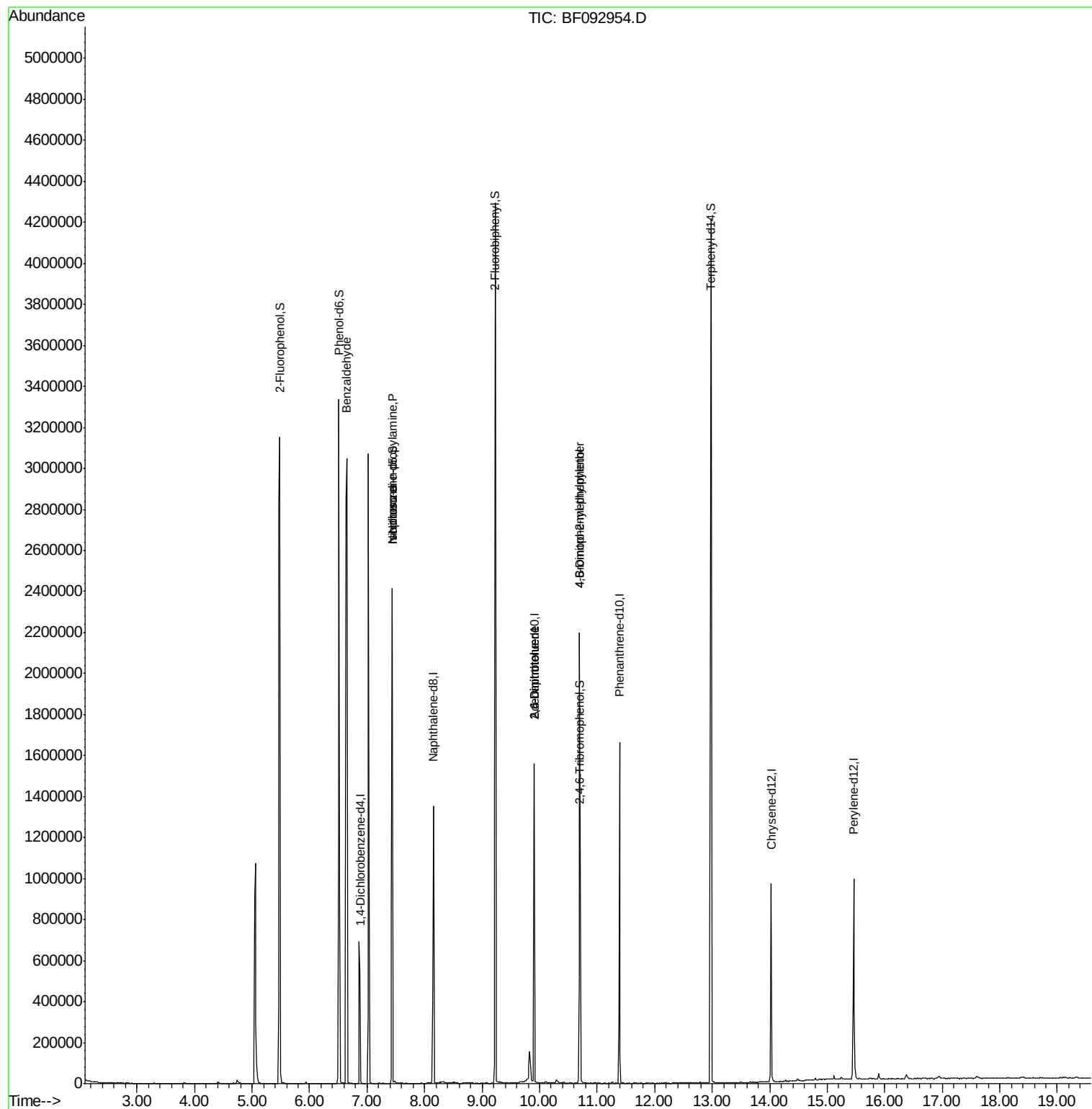
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	141027	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	615266	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	328484	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	576163	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	489739	20.00	ng	-0.02
86) Perylene-d12	15.46	264	430101	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1259274	153.19	ng	0.00
7) Phenol-d6	6.51	99	1366272	129.18	ng	-0.02
23) Nitrobenzene-d5	7.44	82	854063	77.30	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	349467	147.09	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	1529557	84.36	ng	-0.01
78) Terphenyl-d14	12.98	244	1443395	69.25	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.65	77	26052	3.44	ng	Qvalue 83
19) n-Nitroso-di-n-propylamine	7.44	70	111354	16.54	ng	# 82
25) Isophorone	7.44	82	659135	32.02	ng	# 65
50) 2,6-Dinitrotoluene	9.90	165	42260	8.84	ng	# 31
56) 2,4-Dinitrotoluene	9.90	165	42262	6.64	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.69	198	410	2.78	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	23758	3.95	ng	# 1

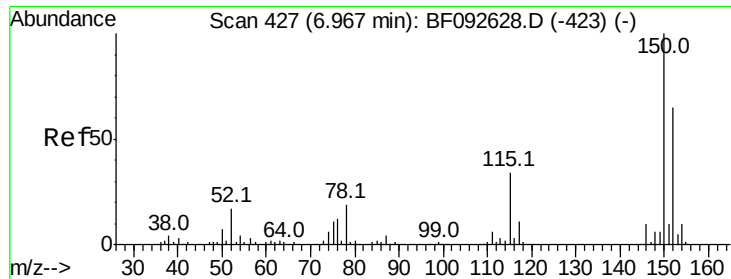
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\Data\BF021517\
Data File : BF092954.D
Acq On : 15 Feb 2017 16:46
Operator : SJ/MA
Sample : PB96953BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 15 17:29:37 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 13 18:04:38 2017
Response via : Initial Calibration



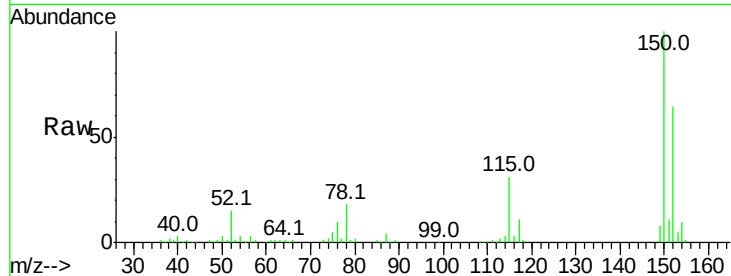


#1

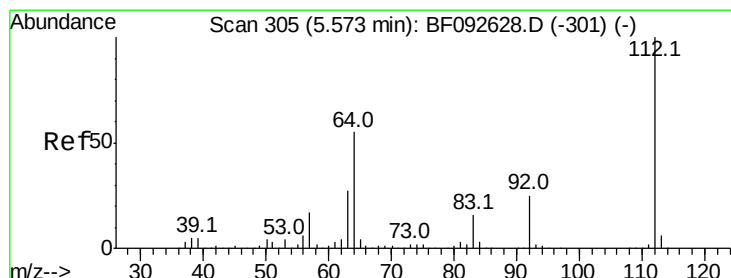
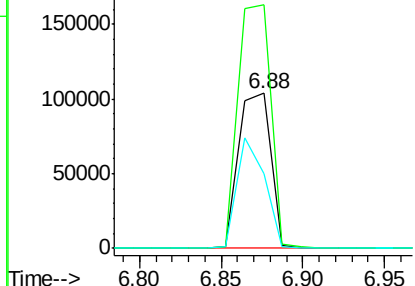
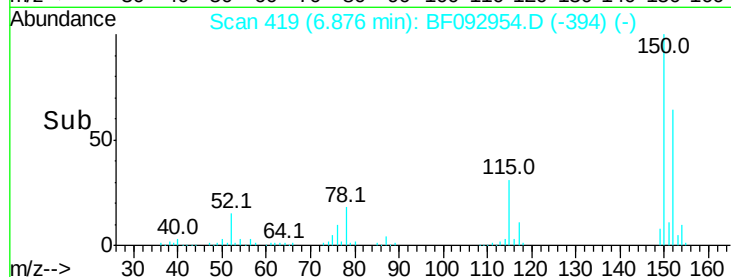
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF092954.D
Acq: 15 Feb 2017 16:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 141027
Ion Ratio Lower Upper
152 100
150 157.3 124.9 187.3
115 48.5 46.0 69.0



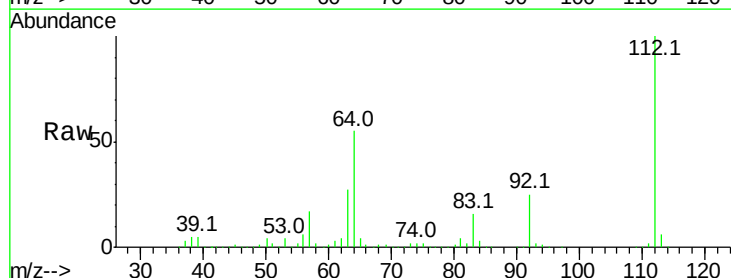
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



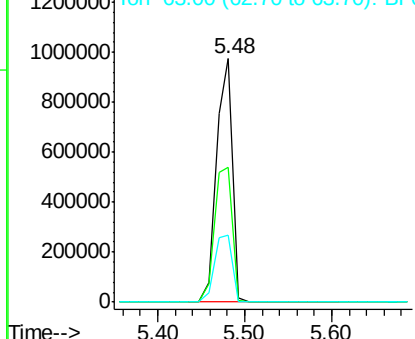
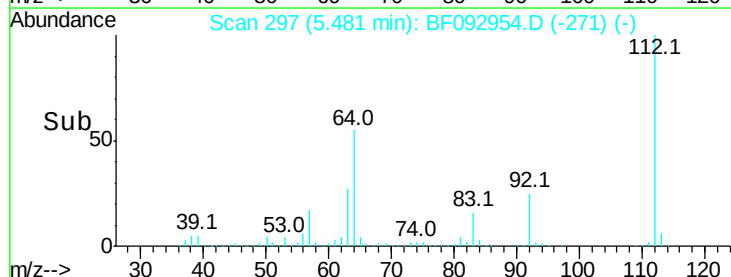
#5

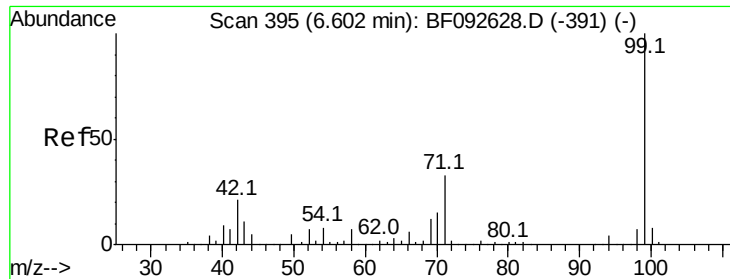
2-Fluorophenol
Concen: 153.19 ng
RT: 5.48 min Scan# 297
Delta R.T. -0.00 min
Lab File: BF092954.D
Acq: 15 Feb 2017 16:46

Tgt Ion:112 Resp: 1259274
Ion Ratio Lower Upper
112 100
64 55.2 46.1 69.1
63 27.3 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: 129.18 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF092954.D

Acq: 15 Feb 2017 16:46

Instrument :

BNA_F

ClientSampled :

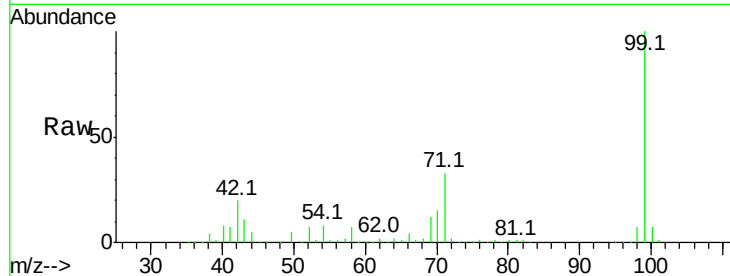
Tot Ion: 99 Resp: 1366272

Ion Ratio Lower Upper

99 100

42 20.1 15.6 23.4

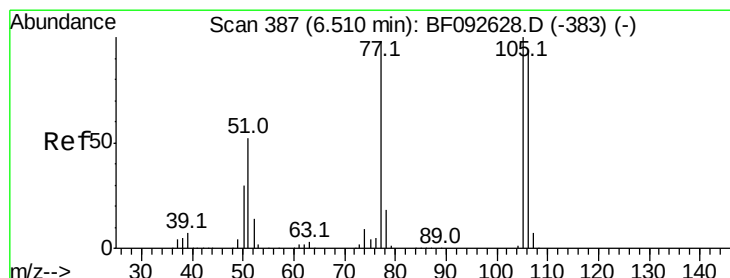
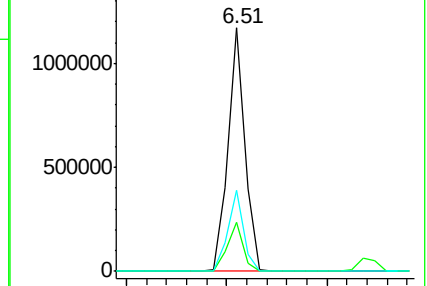
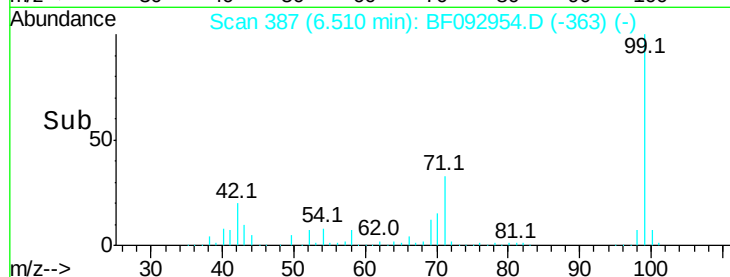
71 33.1 27.5 41.3



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



#9

Benzaldehyde

Concen: 3.44 ng

RT: 6.65 min Scan# 399

Delta R.T. 0.22 min

Lab File: BF092954.D

Acq: 15 Feb 2017 16:46

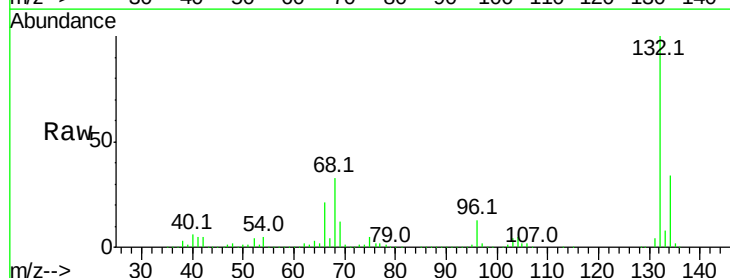
Tgt Ion: 77 Resp: 26052

Ion Ratio Lower Upper

77 100

105 85.3 83.9 123.9

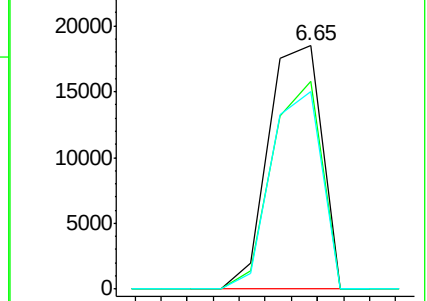
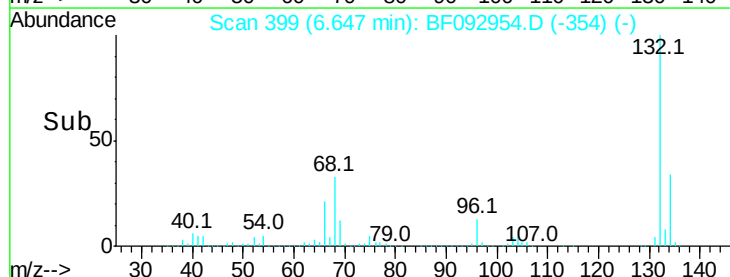
106 81.4 77.6 117.6

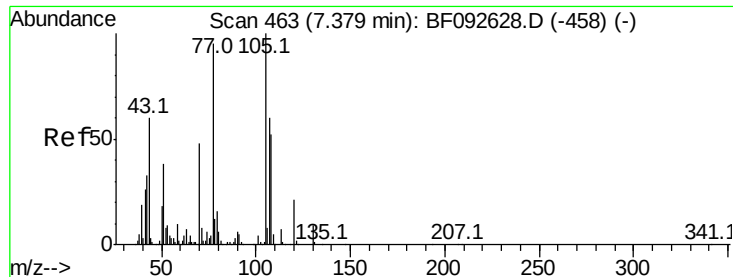


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0

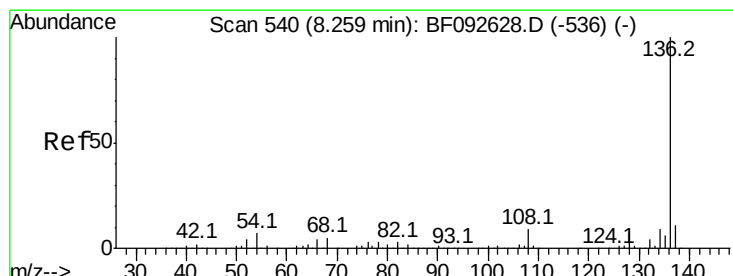
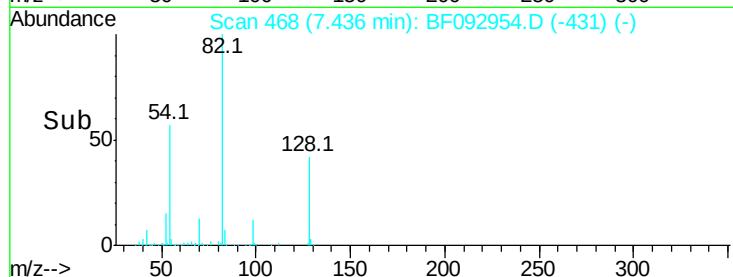
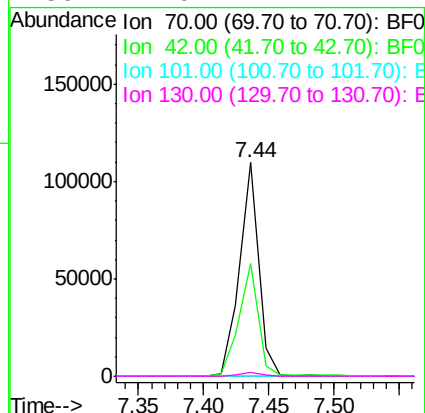
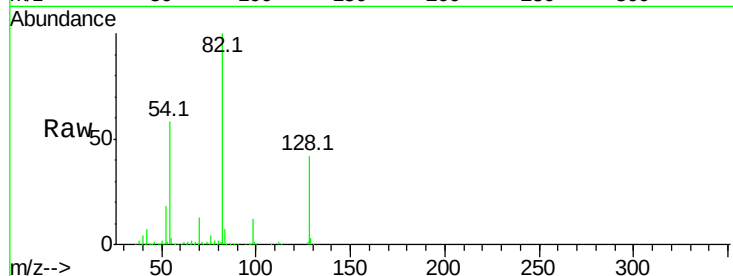




#19
n-Nitroso-di-n-propylamine
Concen: 16.54 ng
RT: 7.44 min Scan# 468
Delta R.T. 0.13 min
Lab File: BF092954.D
Acq: 15 Feb 2017 16:46

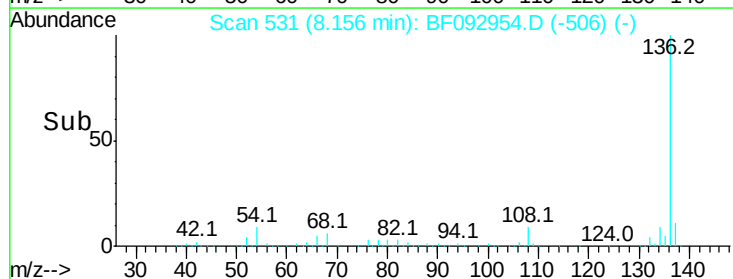
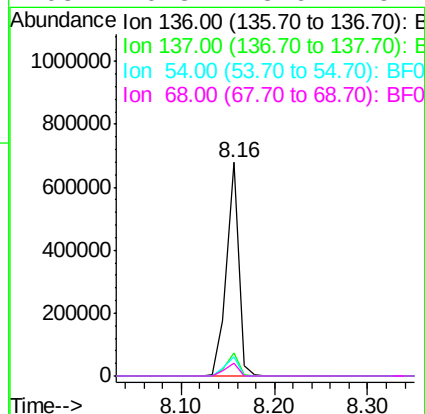
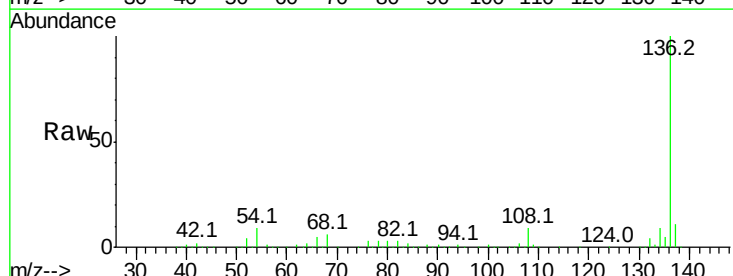
Instrument :
BNA_F
ClientSampleId :

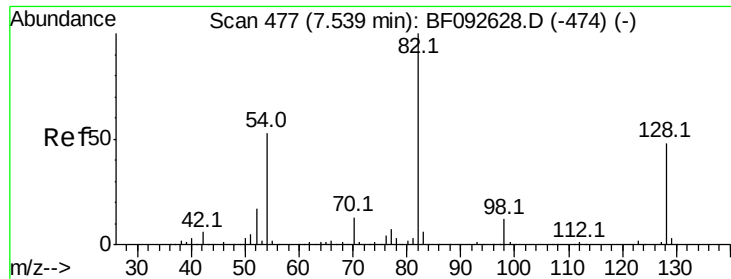
Tot Ion: 70 Resp: 111354
Ion Ratio Lower Upper
70 100
42 52.6 49.4 74.0
101 0.0 7.4 11.2#
130 2.0 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF092954.D
Acq: 15 Feb 2017 16:46

Tgt Ion:136 Resp: 615266
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 9.0 4.5 6.7#
68 6.3 3.6 5.4#

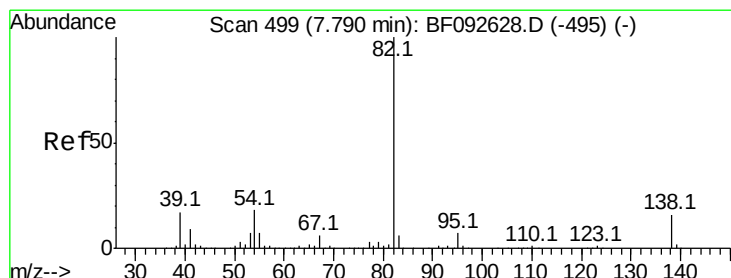
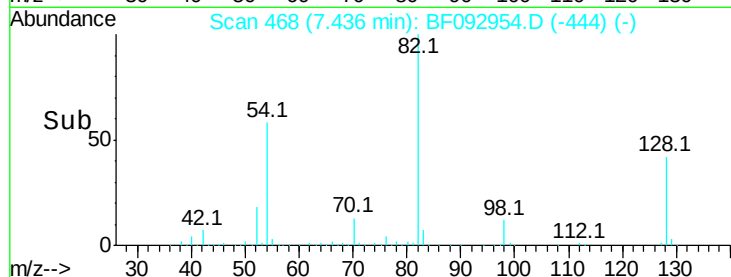
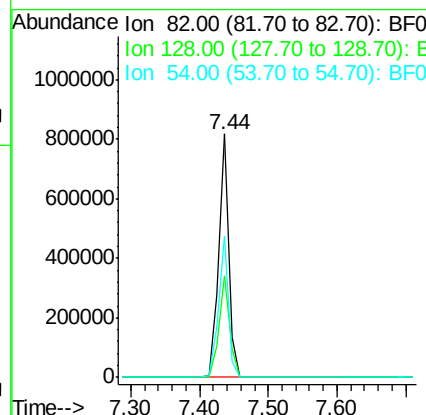
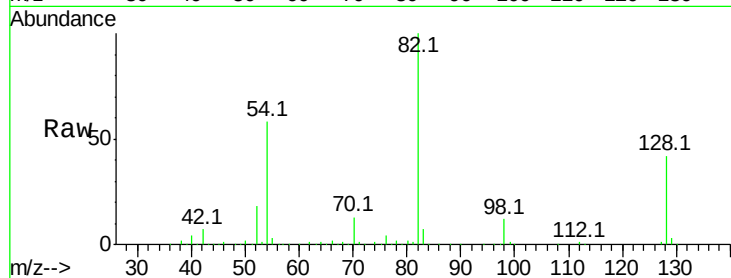




#23
 Nitrobenzene-d5
 Concen: 77.30 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.02 min
 Lab File: BF092954.D
 Acq: 15 Feb 2017 16:46

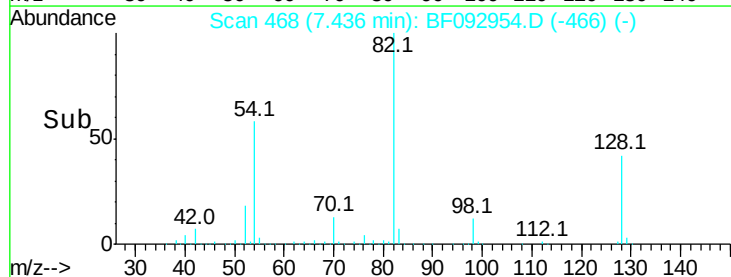
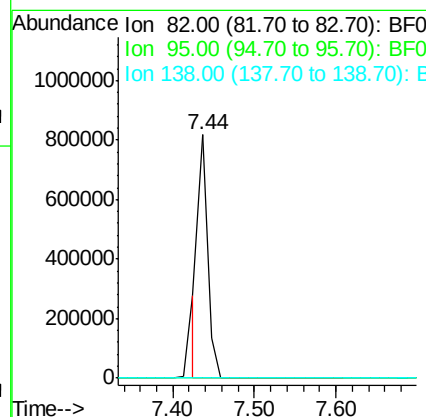
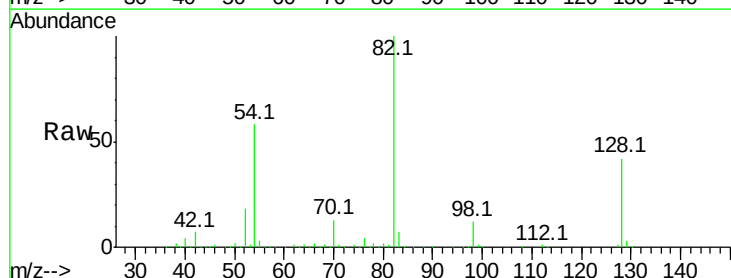
Instrument :
 BNA_F
 ClientSampled :

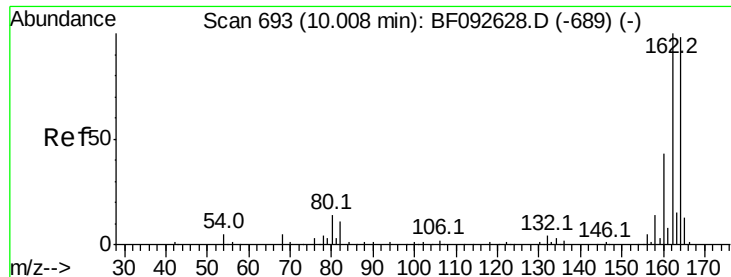
Tot Ion: 82 Resp: 854063
 Ion Ratio Lower Upper
 82 100
 128 41.5 34.6 52.0
 54 58.0 39.5 59.3



#25
 Isophorone
 Concen: 32.02 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.27 min
 Lab File: BF092954.D
 Acq: 15 Feb 2017 16:46

Tgt Ion: 82 Resp: 659135
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 14.6 22.0#

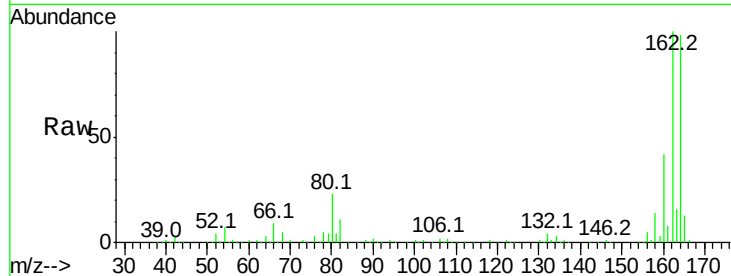




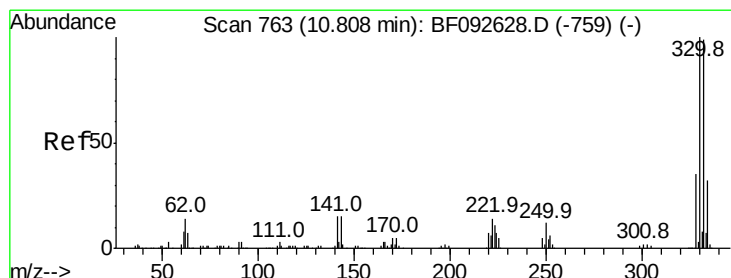
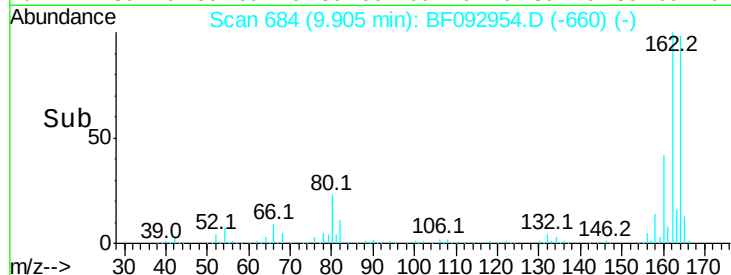
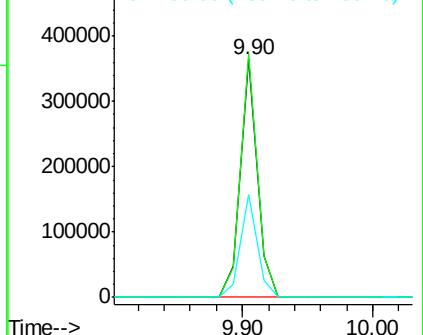
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF092954.D
Acq: 15 Feb 2017 16:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 328484
Ion Ratio Lower Upper
164 100
162 102.1 80.2 120.2
160 43.3 36.9 55.3

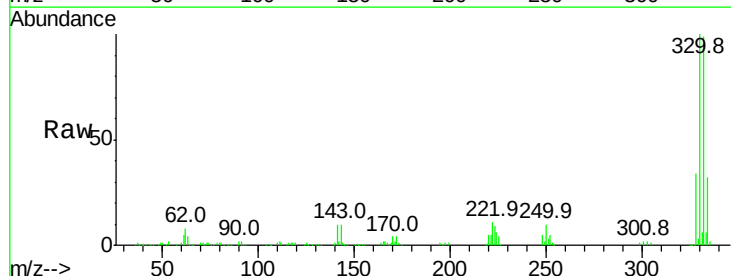


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

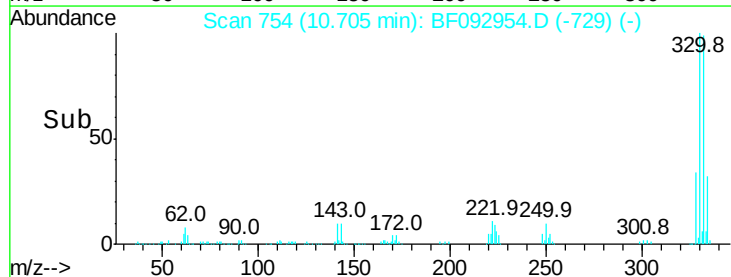
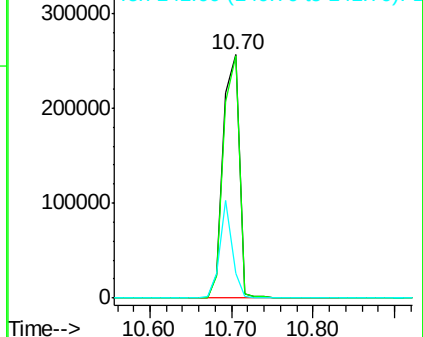


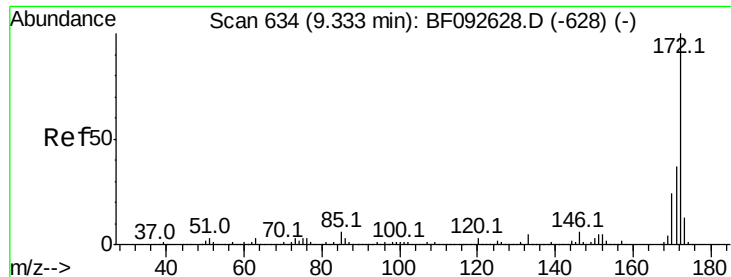
#41
2,4,6-Tribromophenol
Concen: 147.09 ng
RT: 10.70 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF092954.D
Acq: 15 Feb 2017 16:46

Tgt Ion:330 Resp: 349467
Ion Ratio Lower Upper
330 100
332 97.4 77.4 116.2
141 31.2 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



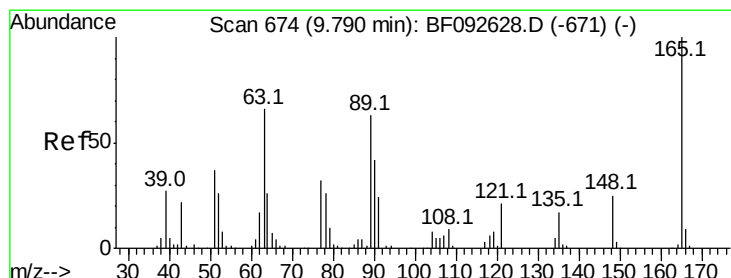
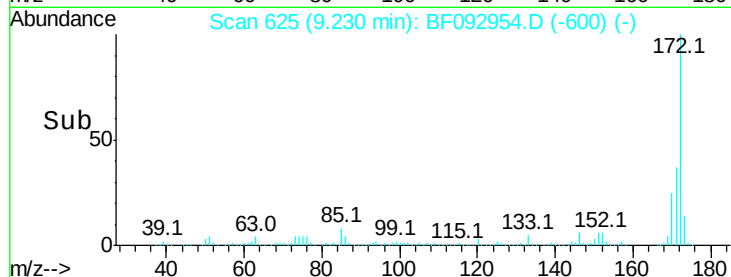
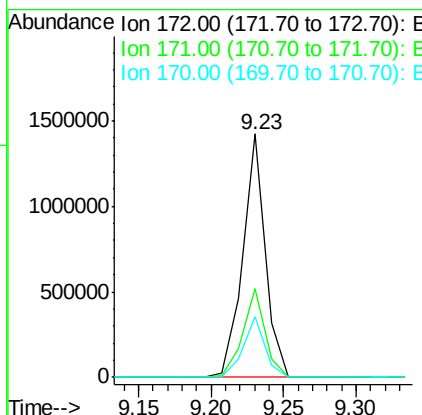
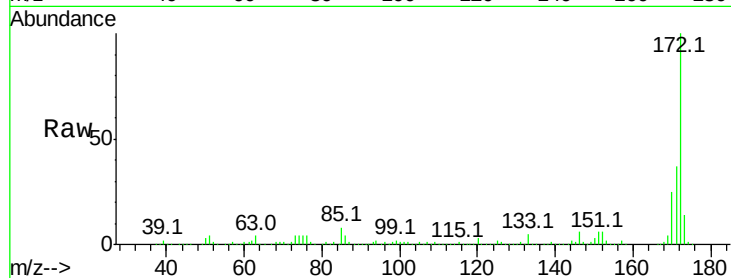


#44
 2-Fluorobiphenyl
 Concen: 84.36 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF092954.D
 Acq: 15 Feb 2017 16:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1529557

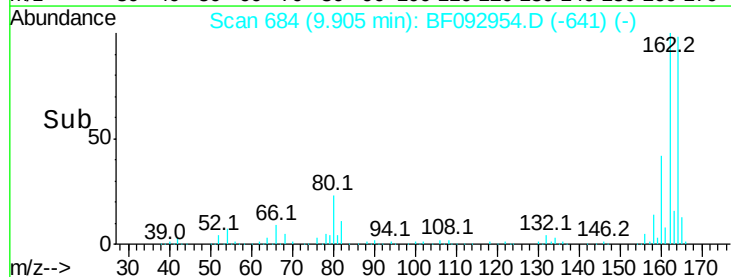
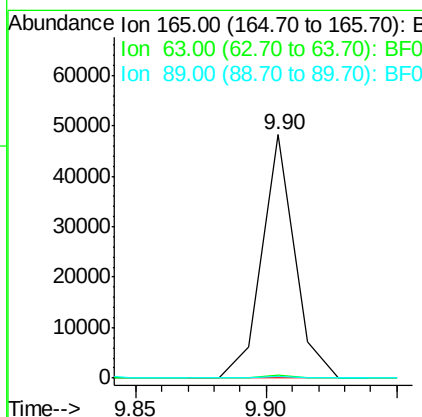
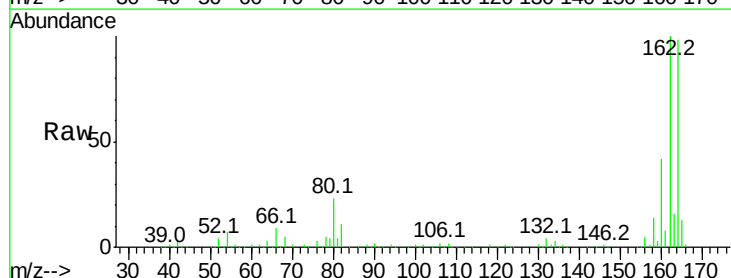
Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.0
170	24.7	20.2	30.4

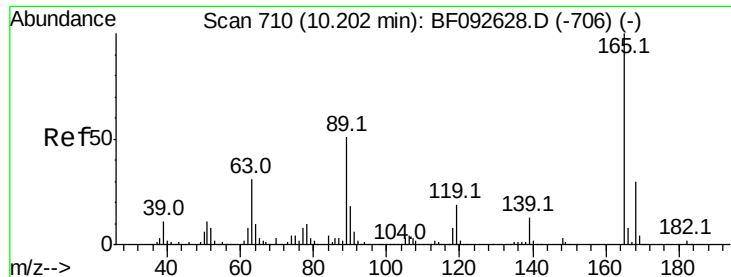


#50
 2,6-Dinitrotoluene
 Concen: 8.84 ng
 RT: 9.90 min Scan# 684
 Delta R.T. 0.19 min
 Lab File: BF092954.D
 Acq: 15 Feb 2017 16:46

Tgt Ion:165 Resp: 42260

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.2	54.4#
89	0.9	40.2	60.4#





#56

2,4-Dinitrotoluene

Concen: 6.64 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.22 min

Lab File: BF092954.D

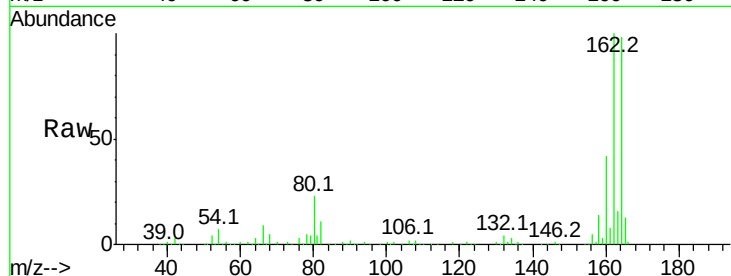
Acq: 15 Feb 2017 16:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165	Resp:	42262
Ion Ratio	Lower	Upper
165	100	
63	1.2	40.2 60.4#
89	0.9	62.5 93.7#
182	0.0	1.8 2.8#

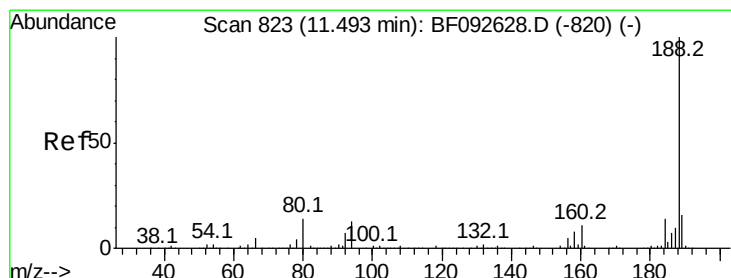
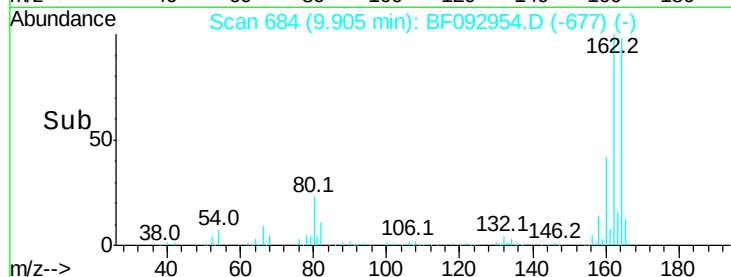
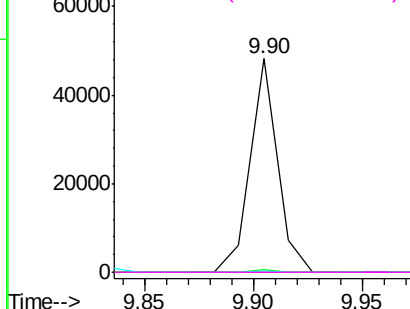


Abundance Ion 165.00 (164.70 to 165.70): E

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

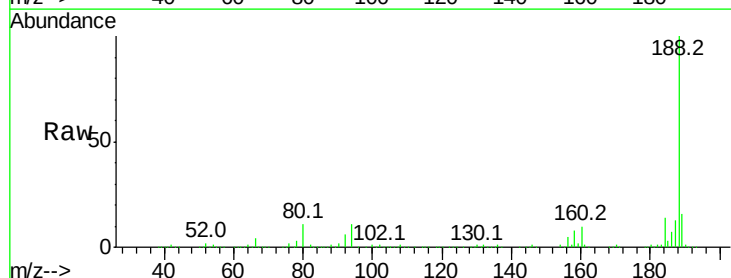
RT: 11.39 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF092954.D

Acq: 15 Feb 2017 16:46

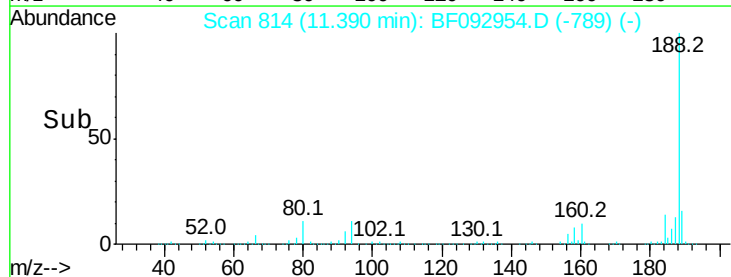
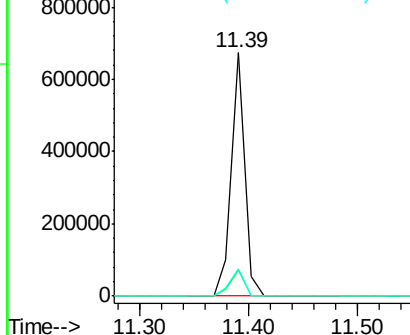
Tgt Ion:188	Resp:	576163
Ion Ratio	Lower	Upper
188	100	
94	10.6	10.0 15.0
80	11.1	11.2 16.8#

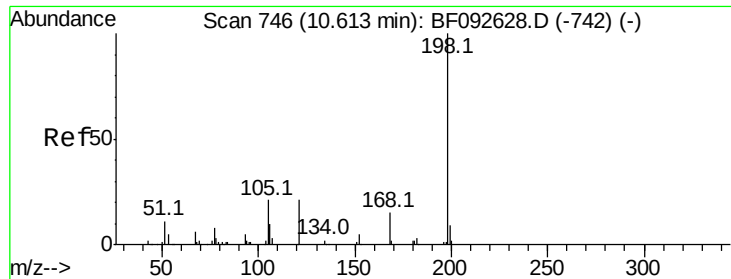


Abundance Ion 188.00 (187.70 to 188.70): E

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: 2.78 ng

RT: 10.69 min Scan# 753

Delta R.T. 0.16 min

Lab File: BF092954.D

Acq: 15 Feb 2017 16:46

Instrument :

BNA_F

ClientSampleId :

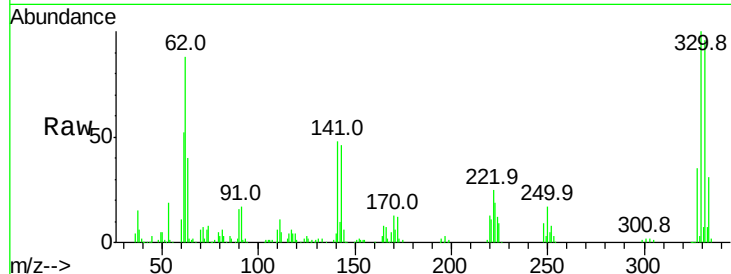
Tot Ion:198 Resp: 410

Ion Ratio Lower Upper

198 100

51 239.1 6.7 46.7#

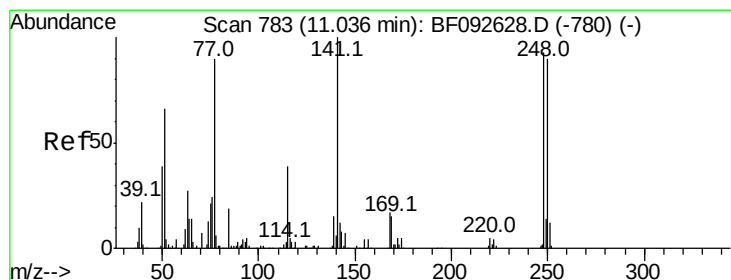
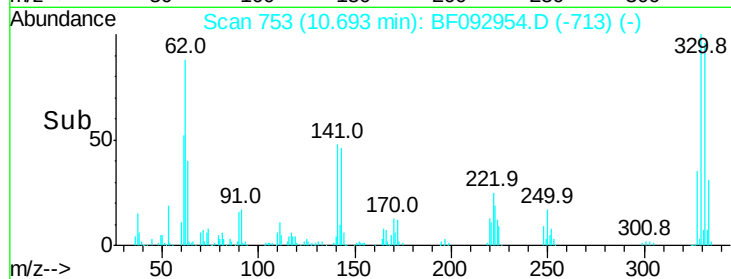
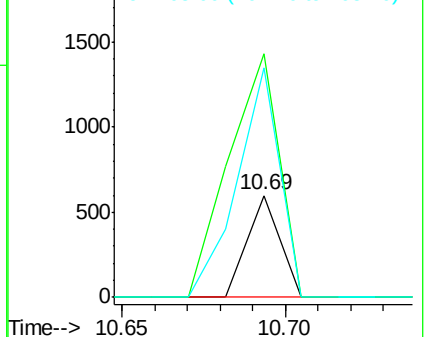
105 225.8 16.6 56.6#



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: 3.95 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.26 min

Lab File: BF092954.D

Acq: 15 Feb 2017 16:46

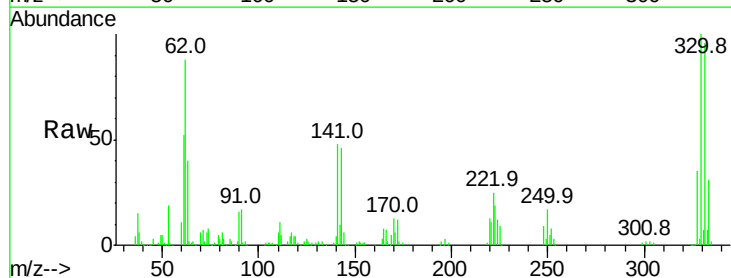
Tgt Ion:248 Resp: 23758

Ion Ratio Lower Upper

248 100

250 191.8 76.9 115.3#

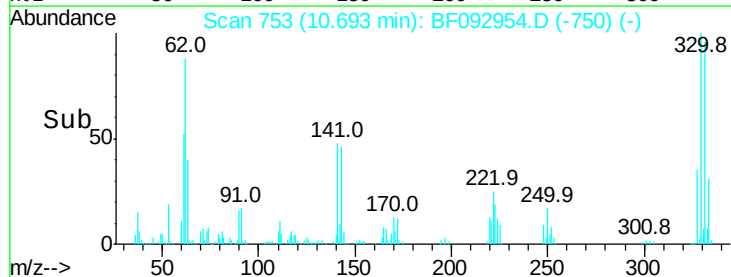
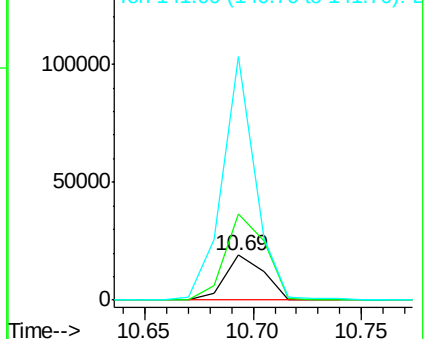
141 545.1 68.2 102.4#

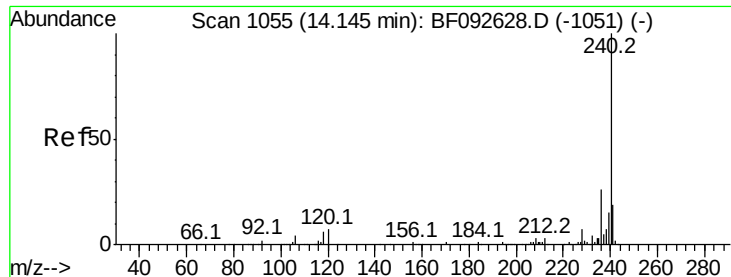


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1045

Delta R.T. -0.02 min

Lab File: BF092954.D

Acq: 15 Feb 2017 16:46

Instrument :

BNA_F

ClientSampled :

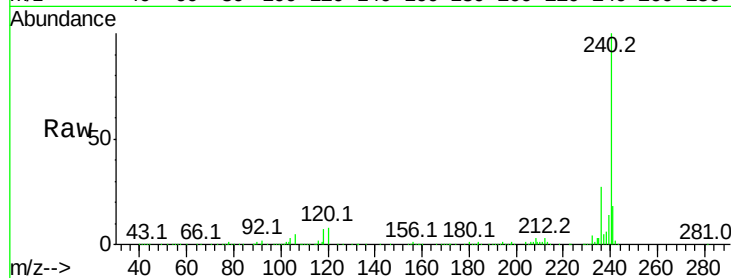
Tot Ion:240 Resp: 489739

Ion Ratio Lower Upper

240 100

120 8.3 12.9 19.3#

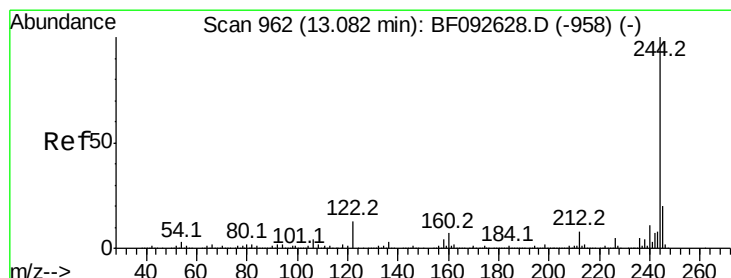
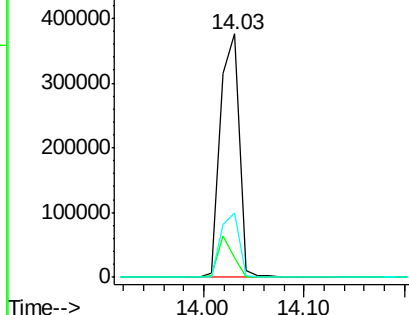
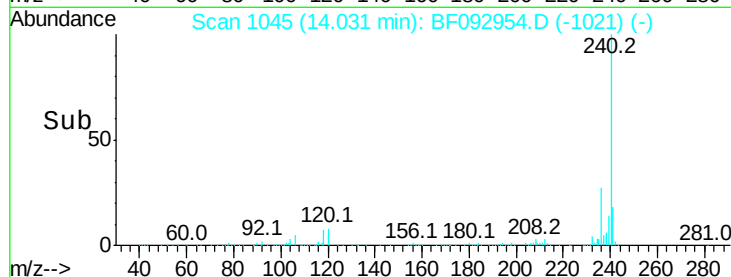
236 26.6 20.9 31.3



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: 69.25 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF092954.D

Acq: 15 Feb 2017 16:46

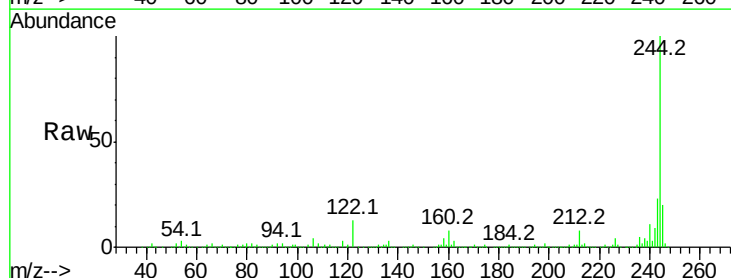
Tgt Ion:244 Resp: 1443395

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

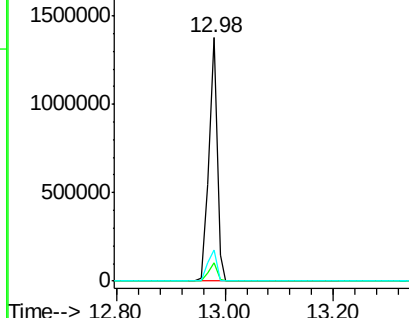
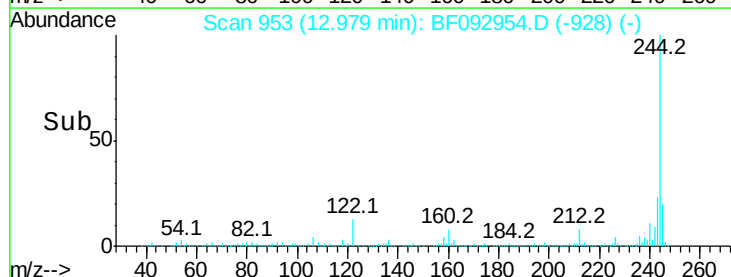
122 12.8 11.4 17.2

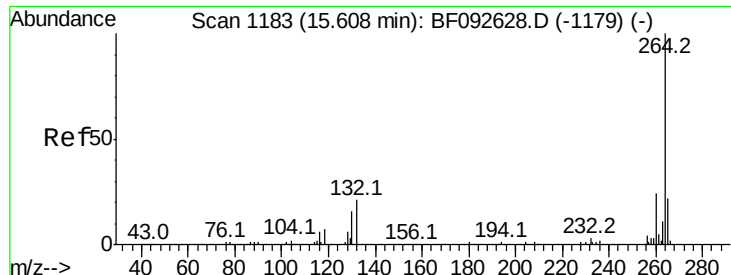


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

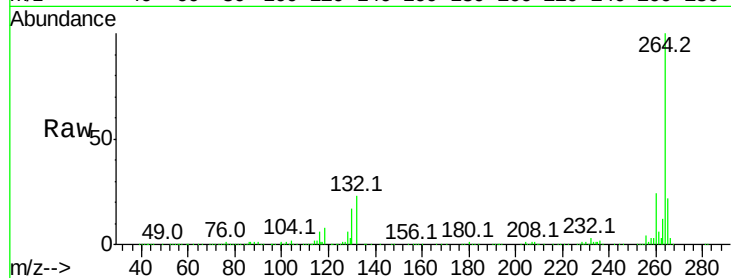




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 1170
 Delta R.T. -0.02 min
 Lab File: BF092954.D
 Acq: 15 Feb 2017 16:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 430101
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 21.9 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

