

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021417\
 Data File : BF092940.D
 Acq On : 14 Feb 2017 13:32
 Operator : SJ/MA
 Sample : I1799-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 14 14:32:55 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

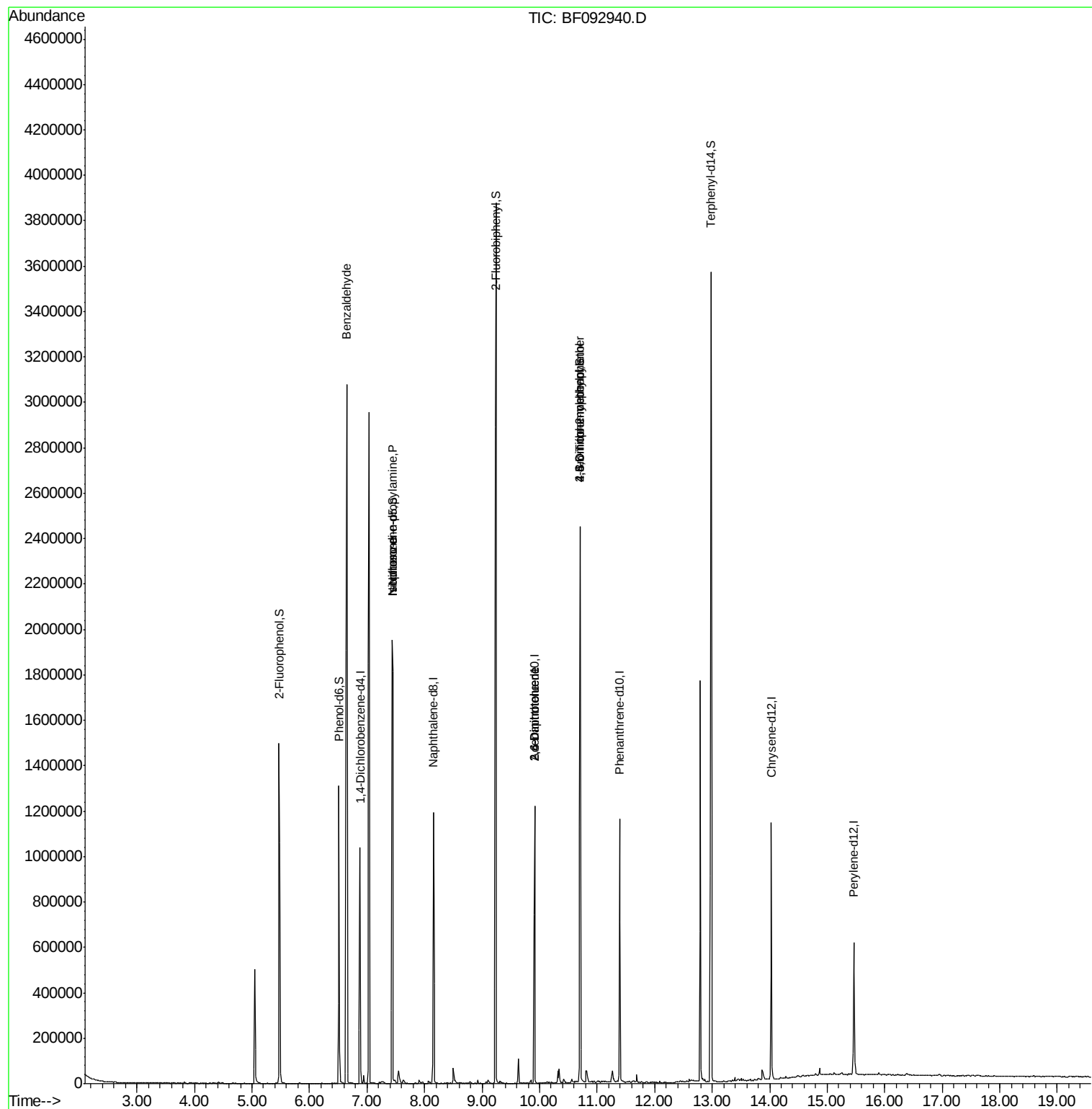
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	154619	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	587399	20.00	ng	-0.01
38) Acenaphthene-d10	9.92	164	331782	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	523766	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	415227	20.00	ng	-0.02
86) Perylene-d12	15.46	264	290287	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	526190	58.39	ng	-0.01
7) Phenol-d6	6.51	99	429641	37.05	ng	-0.02
23) Nitrobenzene-d5	7.44	82	964262	91.42	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	290489	121.05	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	1723816	94.13	ng	0.00
78) Terphenyl-d14	12.98	244	1279562	72.41	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.65	77	21889	2.63	ng	# 80
19) n-Nitroso-di-n-propylamine	7.44	70	123653	16.75	ng	# 84
25) Isophorone	7.44	82	891286	45.34	ng	# 65
50) 2,6-Dinitrotoluene	9.92	165	41457	8.59	ng	# 30
56) 2,4-Dinitrotoluene	9.92	165	41460	6.45	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.70	198	769	2.90	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	22235	4.06	ng	# 1

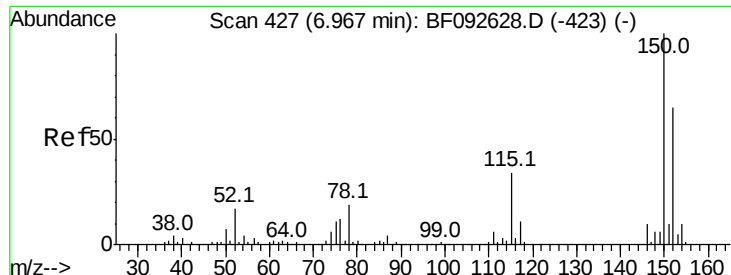
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021417\
Data File : BF092940.D
Acq On : 14 Feb 2017 13:32
Operator : SJ/MA
Sample : I1799-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 14 14:32:55 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: BF092940.D

Acq: 14 Feb 2017 13:32

Instrument :

BNA_F

ClientSampleId :

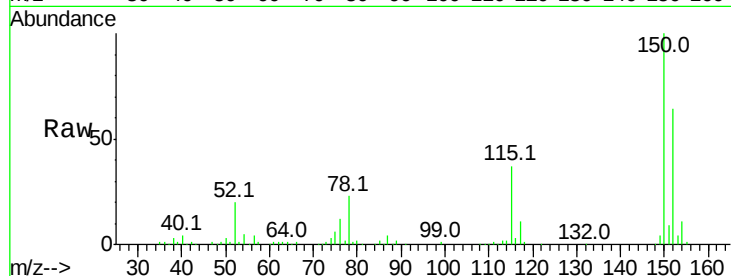
Tot Ion:152 Resp: 154619

Ion Ratio Lower Upper

152 100

150 156.1 124.9 187.3

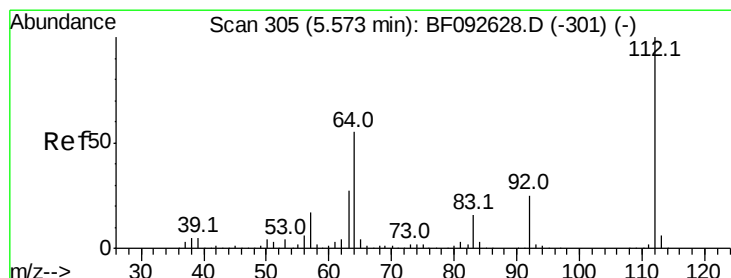
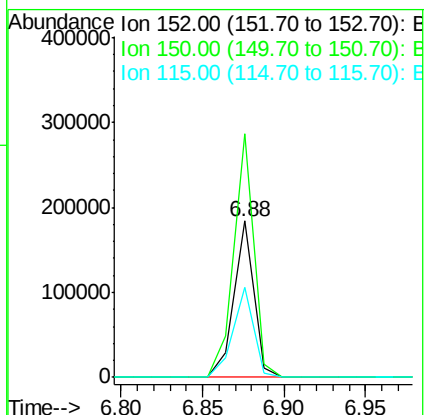
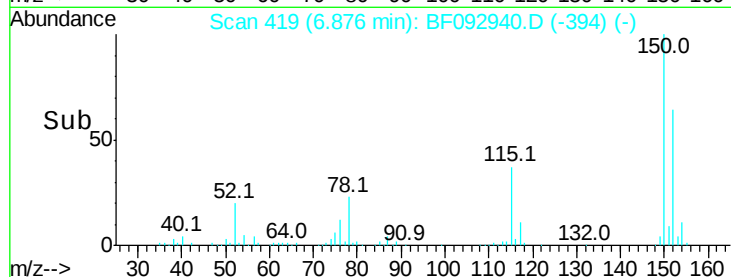
115 57.5 46.0 69.0



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: 58.39 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.01 min

Lab File: BF092940.D

Acq: 14 Feb 2017 13:32

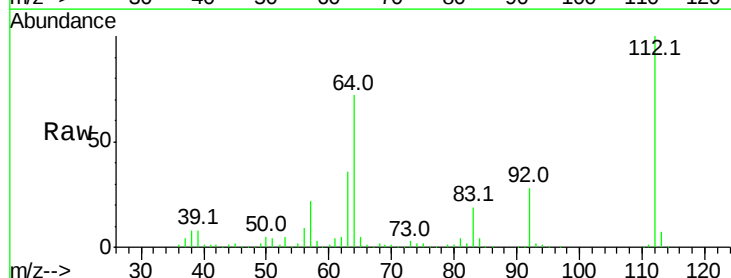
Tgt Ion:112 Resp: 526190

Ion Ratio Lower Upper

112 100

64 72.2 46.1 69.1#

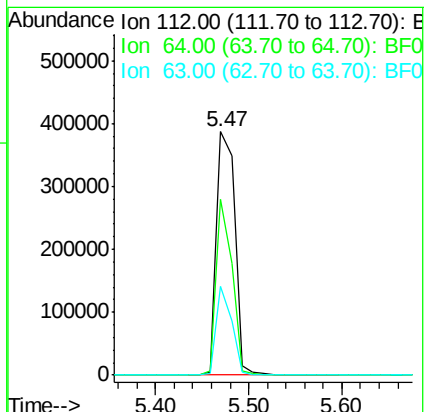
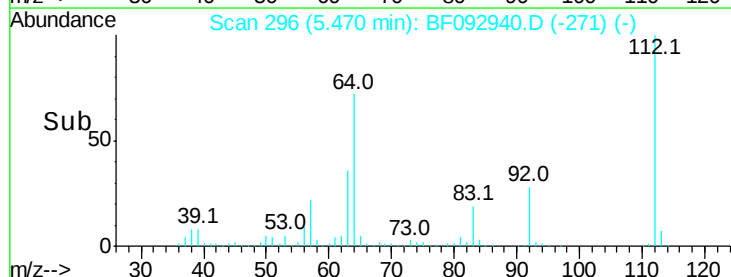
63 36.4 23.8 35.6#

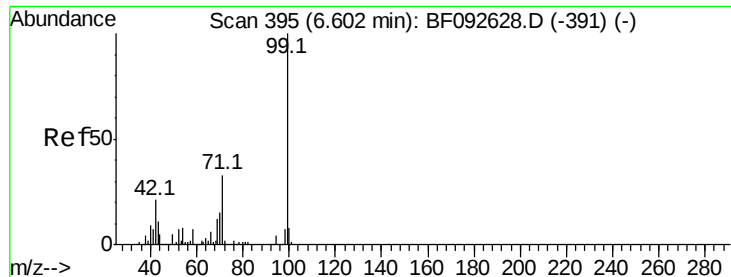


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 37.05 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF092940.D

Acq: 14 Feb 2017 13:32

Instrument :

BNA_F

ClientSampleId :

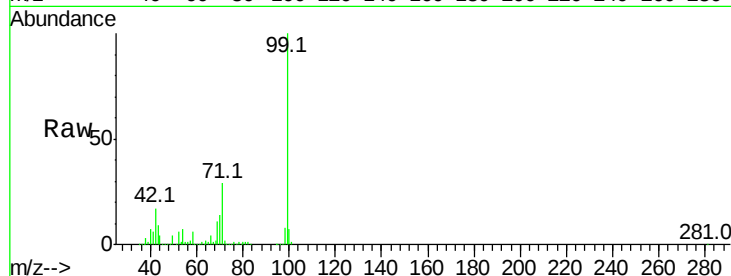
Tot Ion: 99 Resp: 429641

Ion Ratio Lower Upper

99 100

42 17.4 15.6 23.4

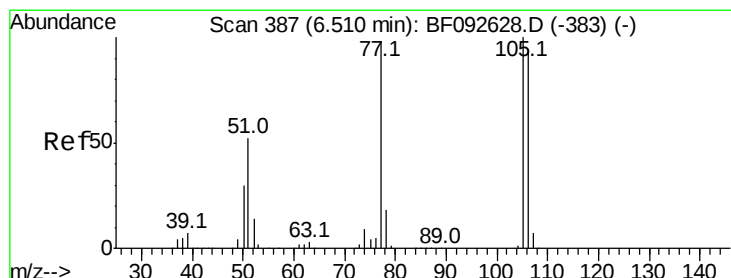
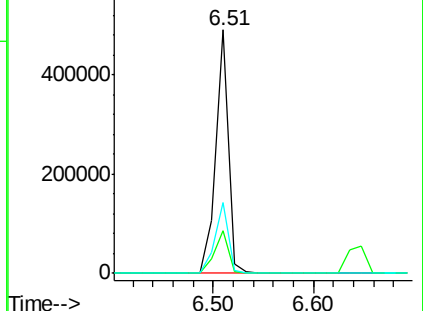
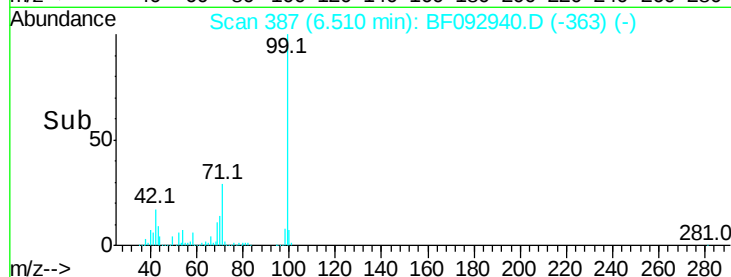
71 28.9 27.5 41.3



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: 2.63 ng

RT: 6.65 min Scan# 399

Delta R.T. 0.22 min

Lab File: BF092940.D

Acq: 14 Feb 2017 13:32

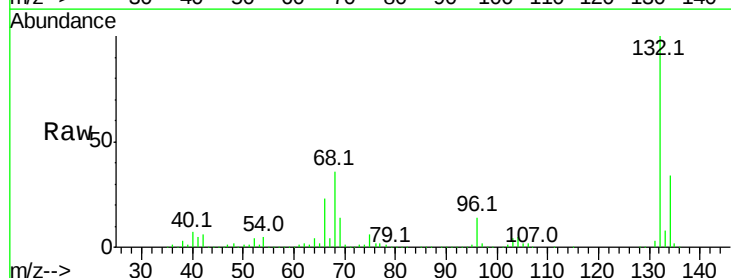
Tgt Ion: 77 Resp: 21889

Ion Ratio Lower Upper

77 100

105 82.4 83.9 123.9#

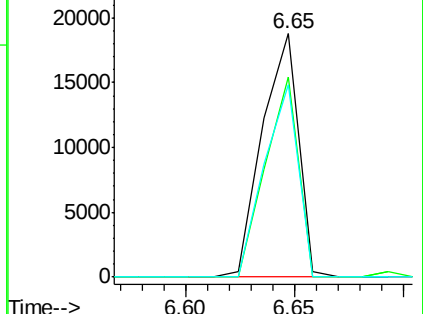
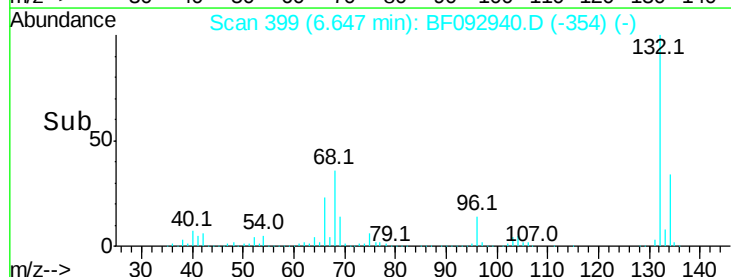
106 79.2 77.6 117.6

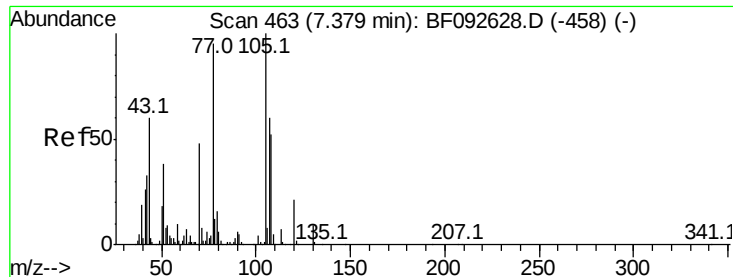


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

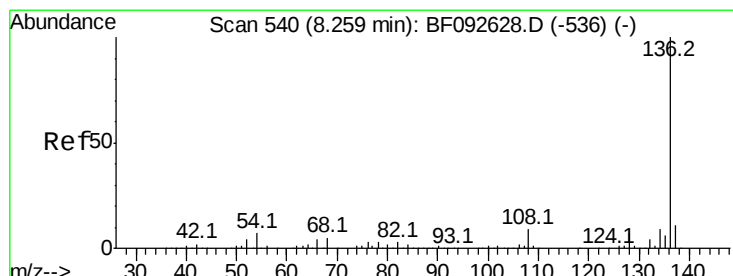
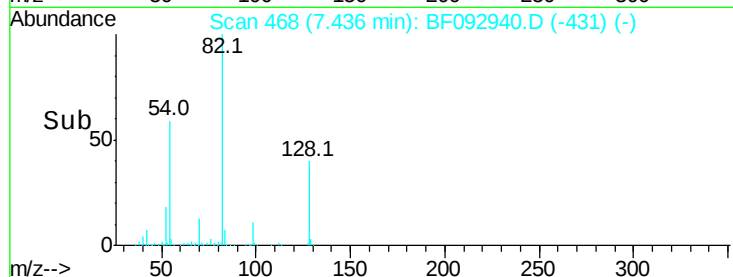
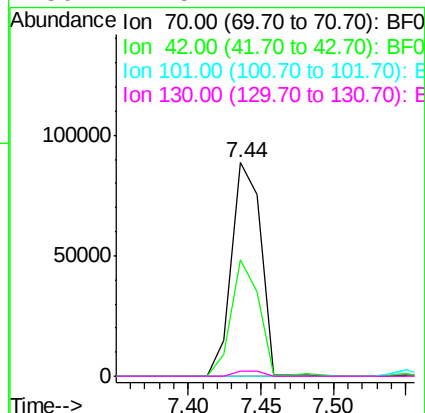
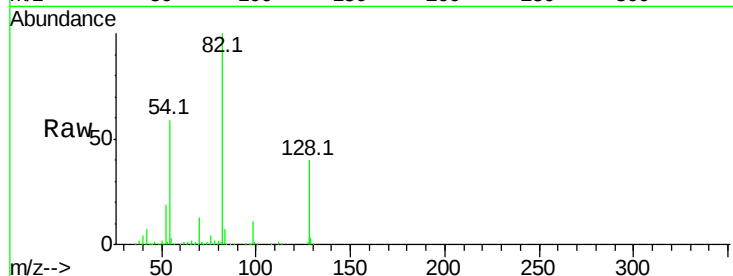




#19
n-Nitroso-di-n-propylamine
Concen: 16.75 ng
RT: 7.44 min Scan# 468
Delta R.T. 0.13 min
Lab File: BF092940.D
Acq: 14 Feb 2017 13:32

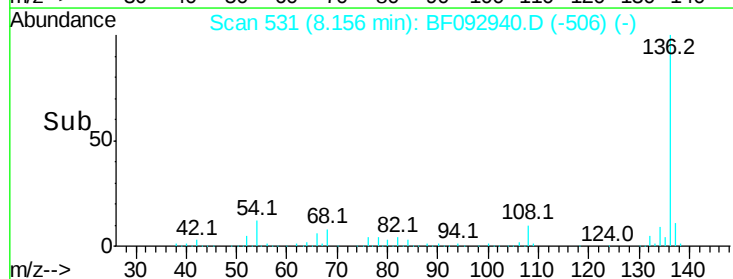
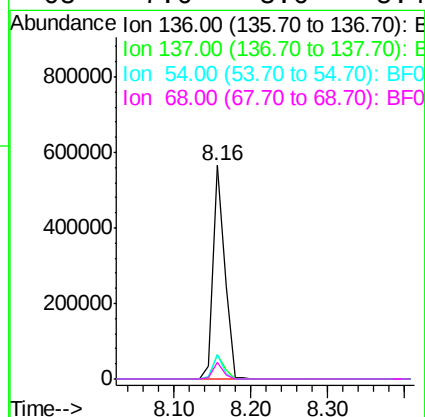
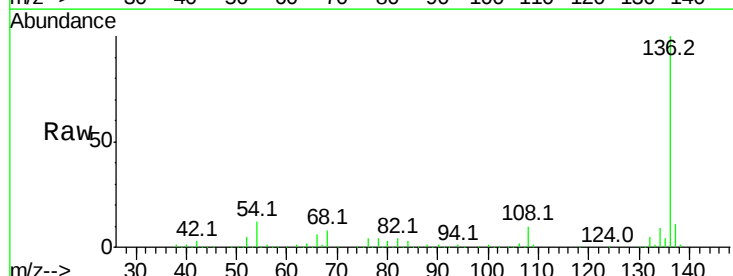
Instrument :
BNA_F
ClientSampled :

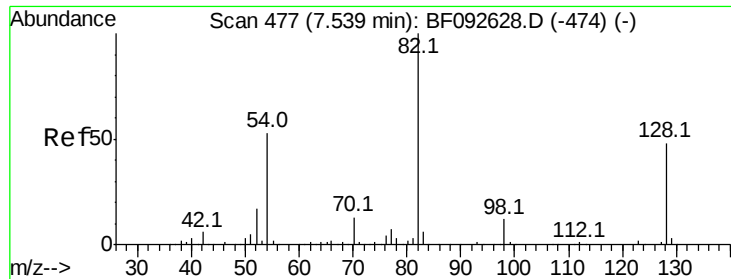
Tot Ion: 70 Resp: 123653
Ion Ratio Lower Upper
70 100
42 54.5 49.4 74.0
101 0.0 7.4 11.2#
130 2.5 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF092940.D
Acq: 14 Feb 2017 13:32

Tgt Ion: 136 Resp: 587399
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 11.7 4.5 6.7#
68 7.6 3.6 5.4#

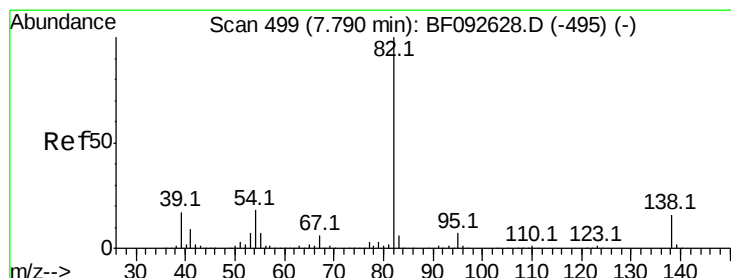
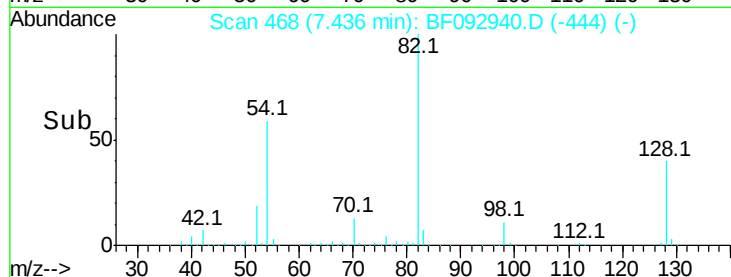
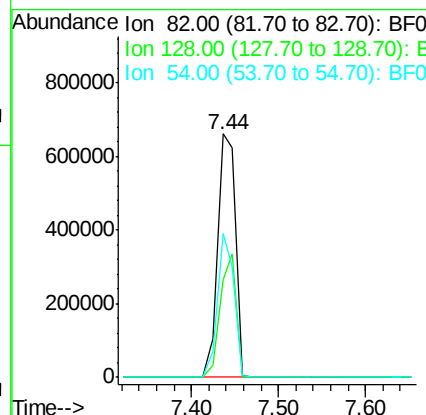
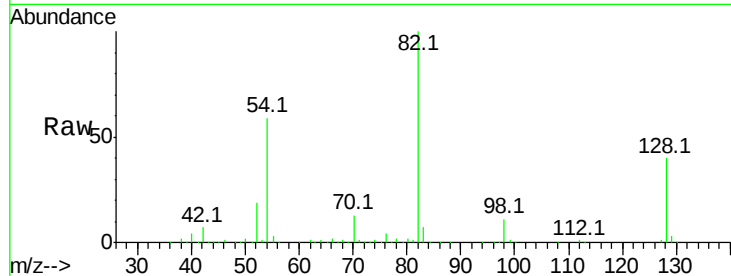




#23
 Nitrobenzene-d5
 Concen: 91.42 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.02 min
 Lab File: BF092940.D
 Acq: 14 Feb 2017 13:32

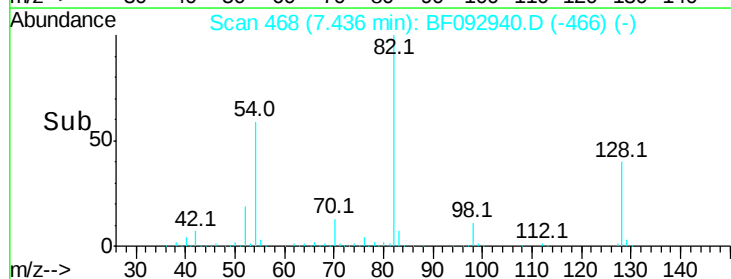
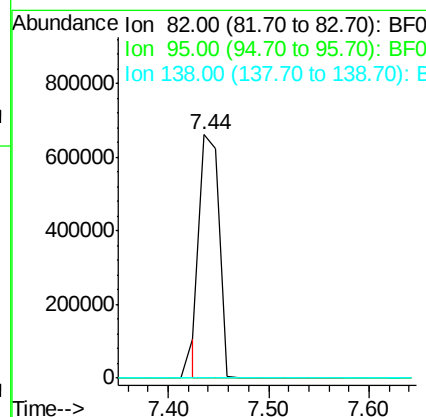
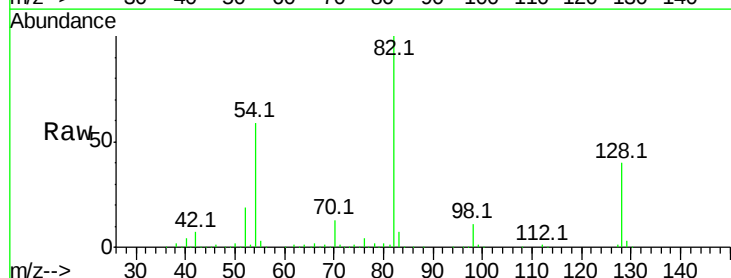
Instrument :
 BNA_F
 ClientSampled :

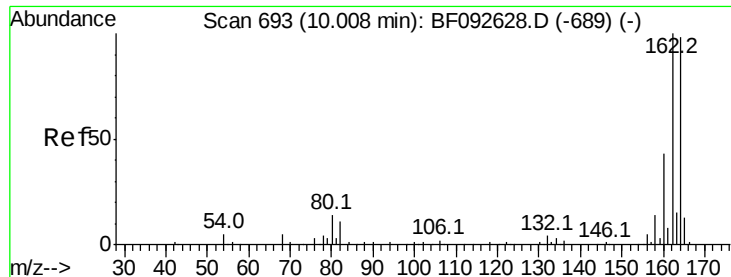
Tot Ion	82	Resp	964262
Ion Ratio	100	Lower	Upper
128	39.9	34.6	52.0
54	59.0	39.5	59.3



#25
 Isophorone
 Concen: 45.34 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.27 min
 Lab File: BF092940.D
 Acq: 14 Feb 2017 13:32

Tgt Ion	82	Resp	891286
Ion Ratio	100	Lower	Upper
95	0.0	5.6	8.4#
138	0.0	14.6	22.0#

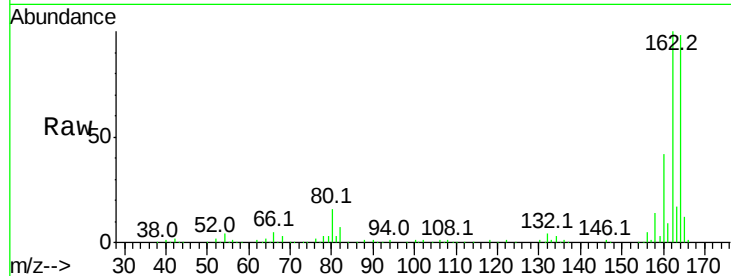




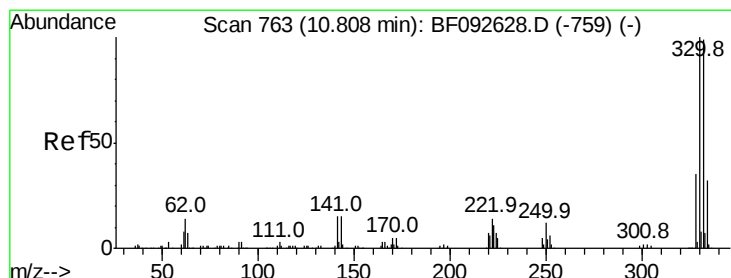
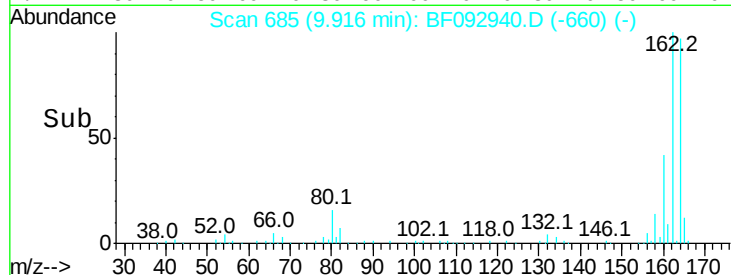
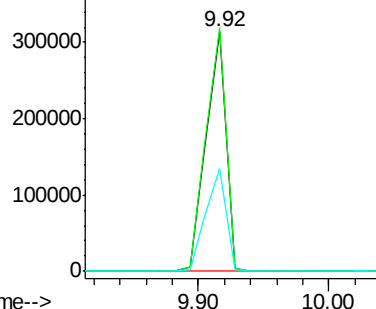
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF092940.D
Acq: 14 Feb 2017 13:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 331782
Ion Ratio Lower Upper
164 100
162 101.6 80.2 120.2
160 42.9 36.9 55.3

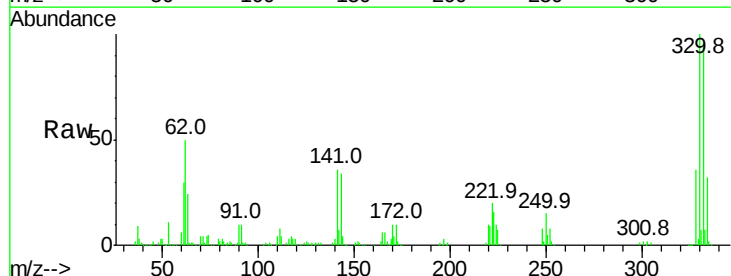


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

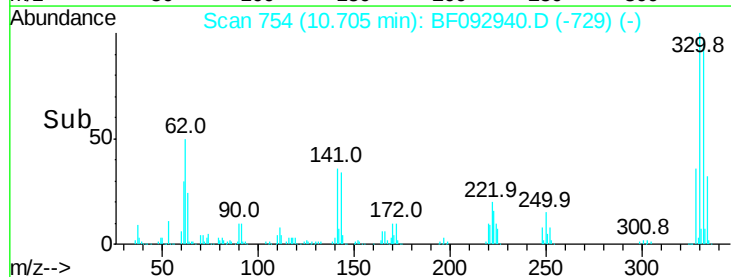
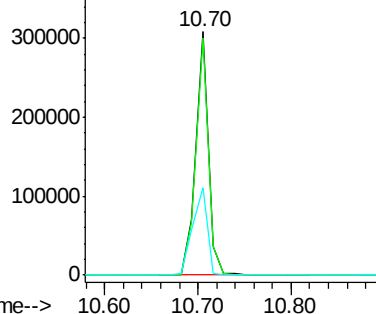


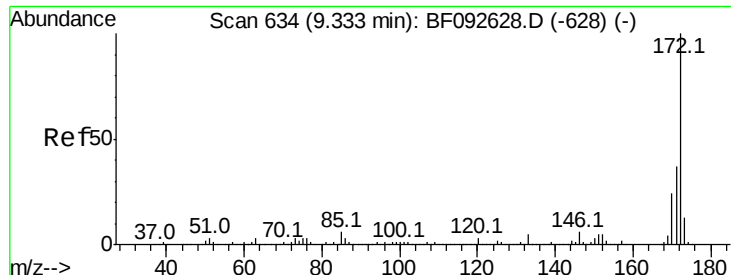
#41
2,4,6-Tribromophenol
Concen: 121.05 ng
RT: 10.70 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF092940.D
Acq: 14 Feb 2017 13:32

Tgt Ion:330 Resp: 290489
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.2
141 41.4 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



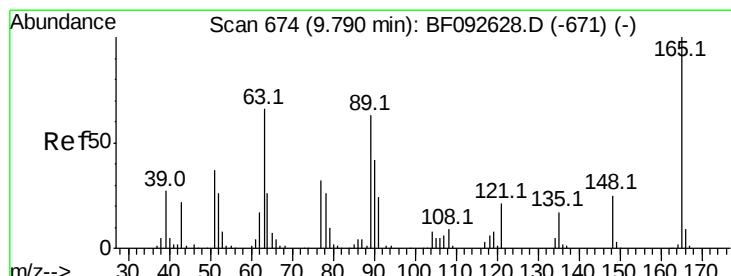
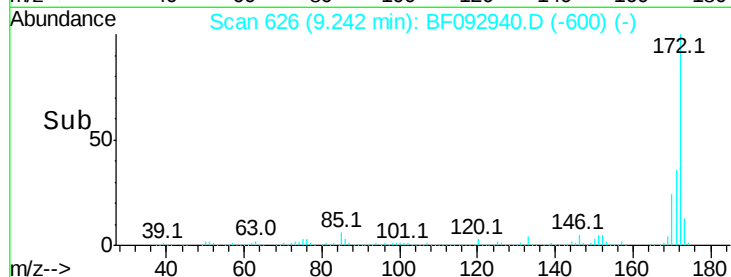
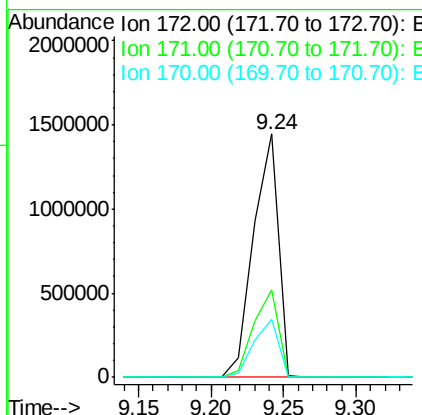
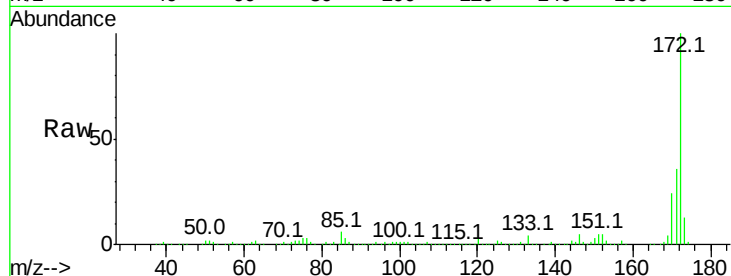


#44
 2-Fluorobiphenyl
 Concen: 94.13 ng
 RT: 9.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF092940.D
 Acq: 14 Feb 2017 13:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1723816

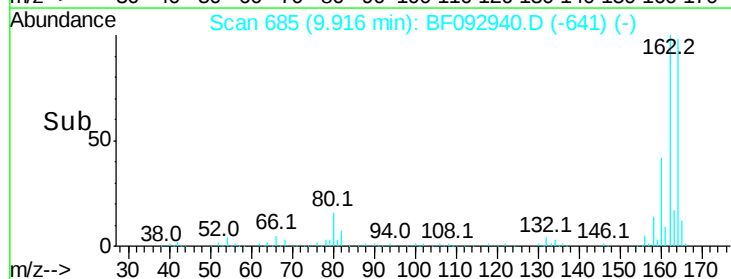
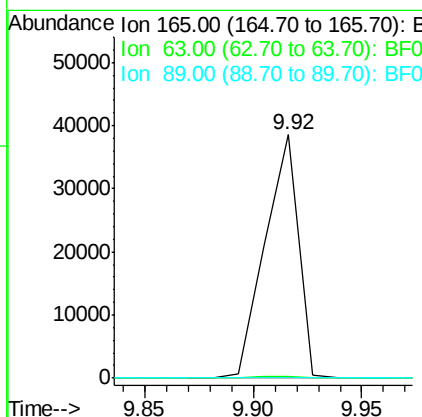
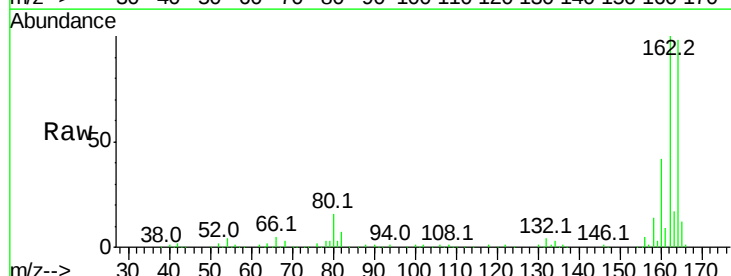
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.0
170	24.0	20.2	30.4

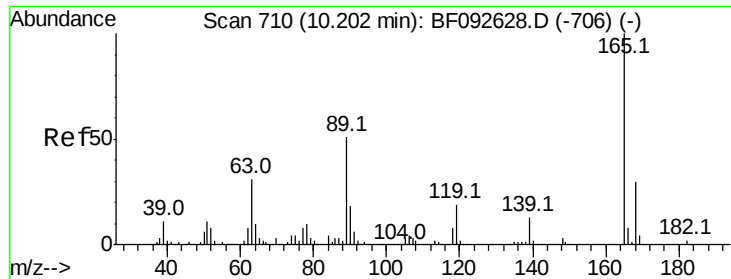


#50
 2,6-Dinitrotoluene
 Concen: 8.59 ng
 RT: 9.92 min Scan# 685
 Delta R.T. 0.21 min
 Lab File: BF092940.D
 Acq: 14 Feb 2017 13:32

Tgt Ion:165 Resp: 41457

Ion	Ratio	Lower	Upper
165	100		
63	0.9	36.2	54.4#
89	0.0	40.2	60.4#





#56

2,4-Dinitrotoluene

Concen: 6.45 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.21 min

Lab File: BF092940.D

Acq: 14 Feb 2017 13:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 41460

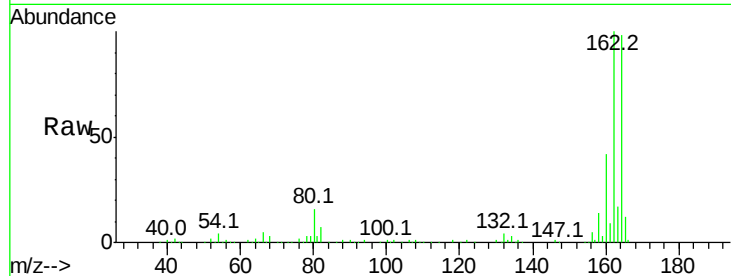
Ion Ratio Lower Upper

165 100

63 0.9 40.2 60.4#

89 0.0 62.5 93.7#

182 0.0 1.8 2.8#

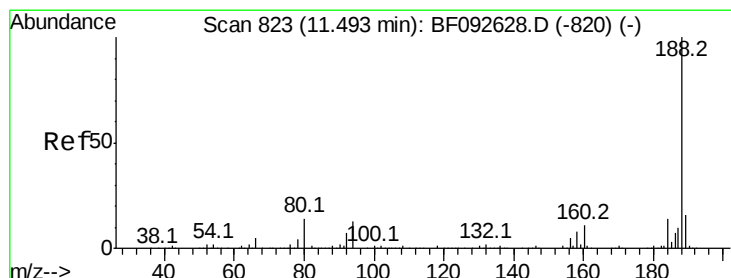
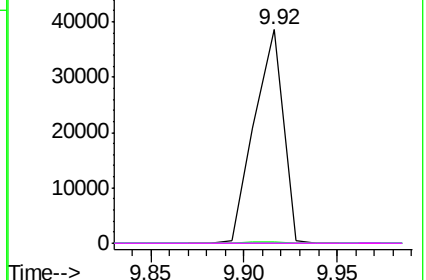
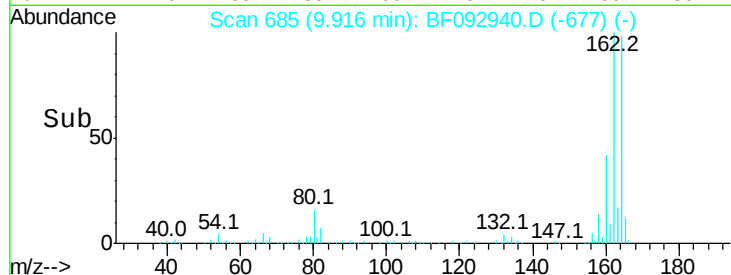


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.39 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF092940.D

Acq: 14 Feb 2017 13:32

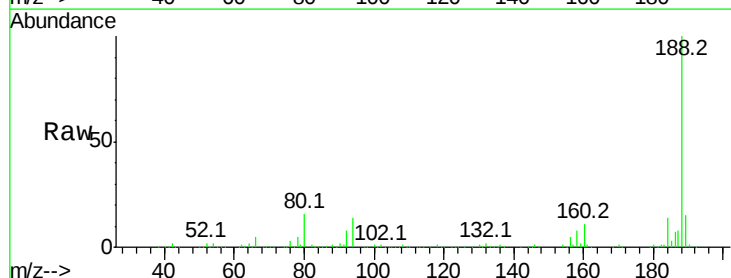
Tgt Ion:188 Resp: 523766

Ion Ratio Lower Upper

188 100

94 14.2 10.0 15.0

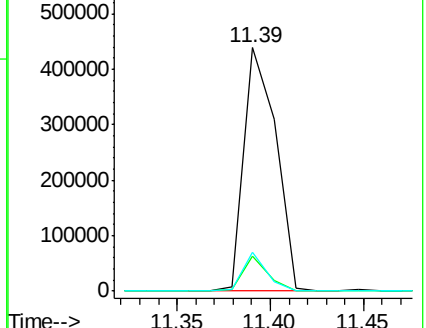
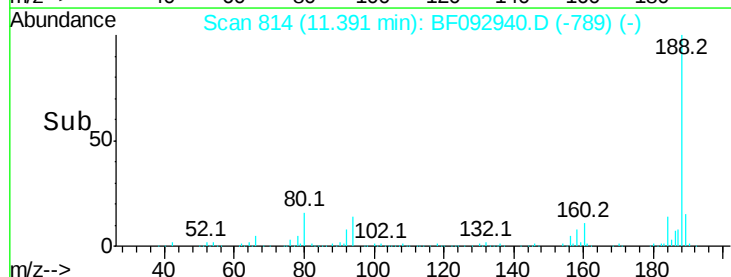
80 15.8 11.2 16.8

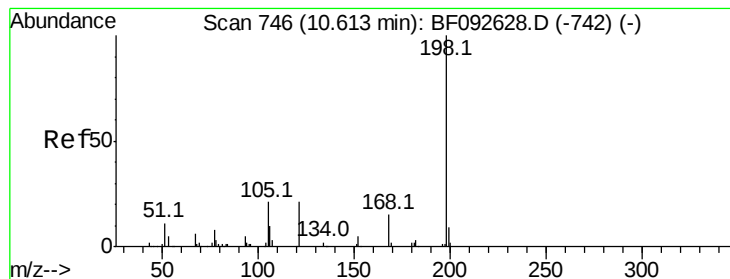


Abundance Ion 188.00 (187.70 to 188.70): E

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: 2.90 ng

RT: 10.70 min Scan# 754

Delta R.T. 0.17 min

Lab File: BF092940.D

Acq: 14 Feb 2017 13:32

Instrument :

BNA_F

ClientSampleId :

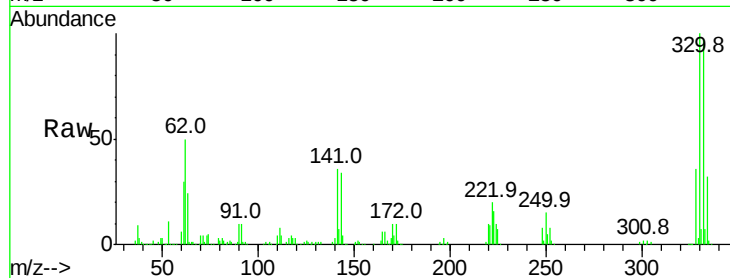
Tot Ion:198 Resp: 769

Ion Ratio Lower Upper

198 100

51 176.0 6.7 46.7#

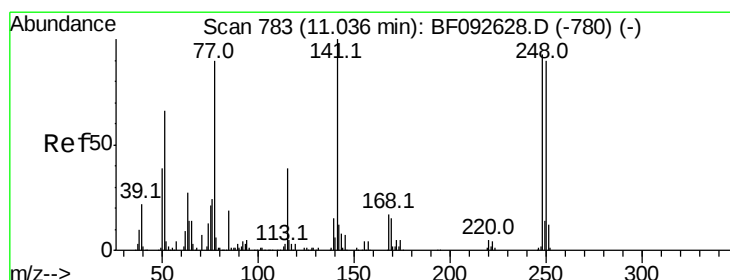
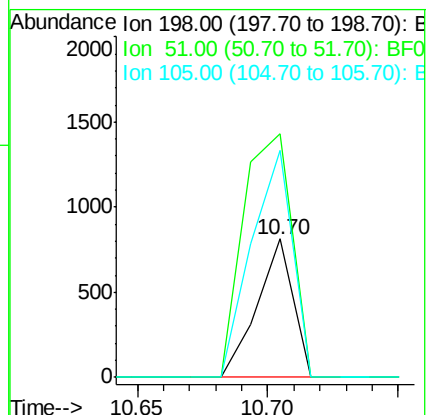
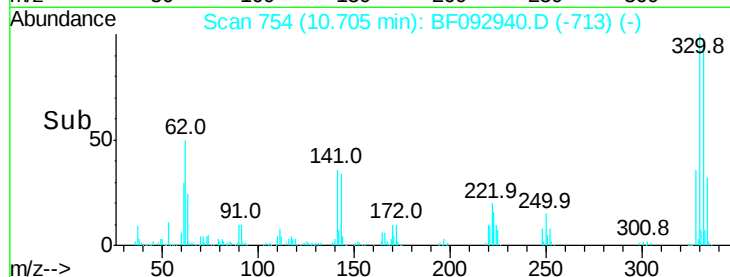
105 163.7 16.6 56.6#



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: 4.06 ng

RT: 10.70 min Scan# 754

Delta R.T. -0.25 min

Lab File: BF092940.D

Acq: 14 Feb 2017 13:32

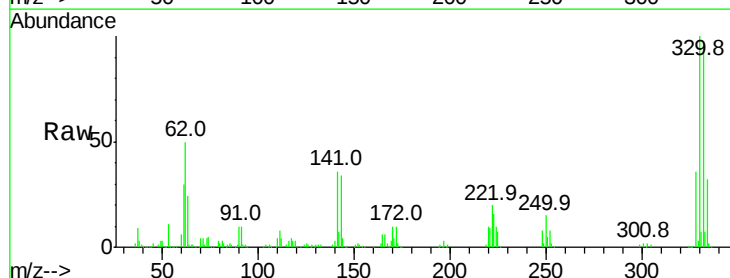
Tgt Ion:248 Resp: 22235

Ion Ratio Lower Upper

248 100

250 202.0 76.9 115.3#

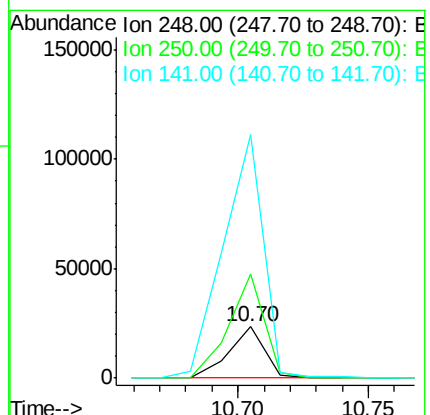
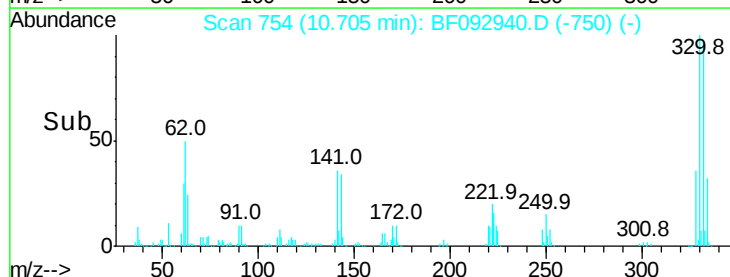
141 472.8 68.2 102.4#

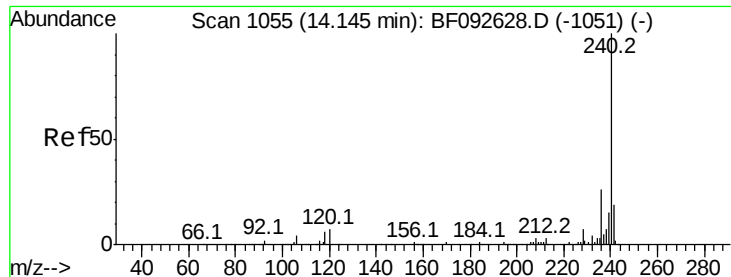


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.03 min Scan# 1045

Delta R.T. -0.02 min

Lab File: BF092940.D

Acq: 14 Feb 2017 13:32

Instrument :

BNA_F

ClientSampled :

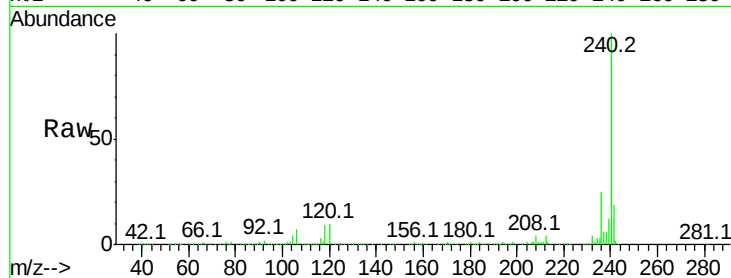
Tot Ion:240 Resp: 415227

Ion Ratio Lower Upper

240 100

120 10.5 12.9 19.3#

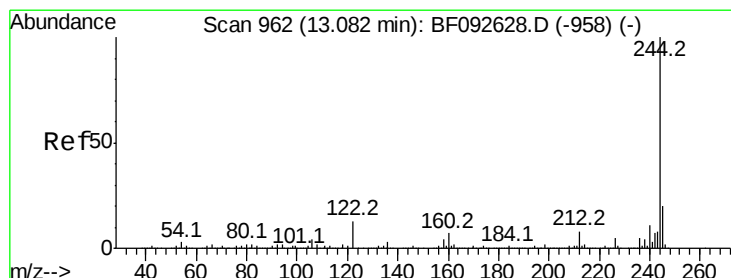
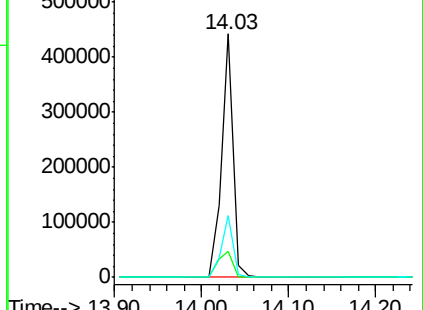
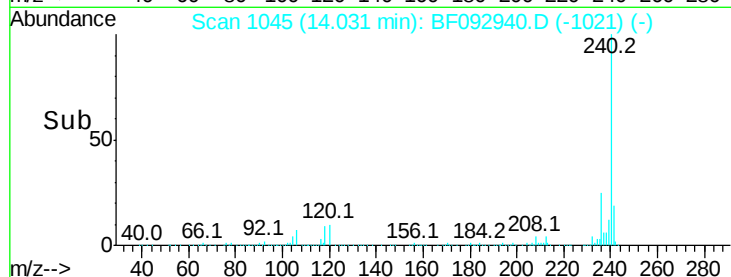
236 25.5 20.9 31.3



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: 72.41 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF092940.D

Acq: 14 Feb 2017 13:32

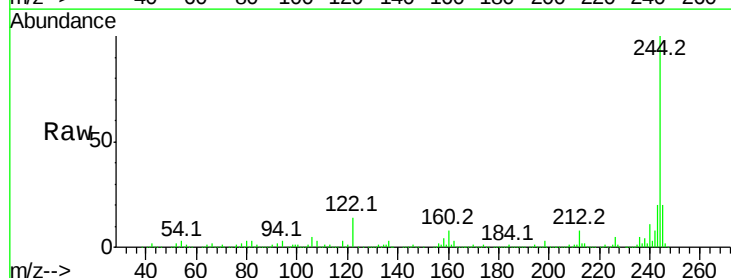
Tgt Ion:244 Resp: 1279562

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

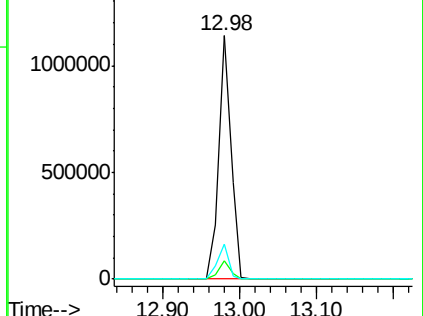
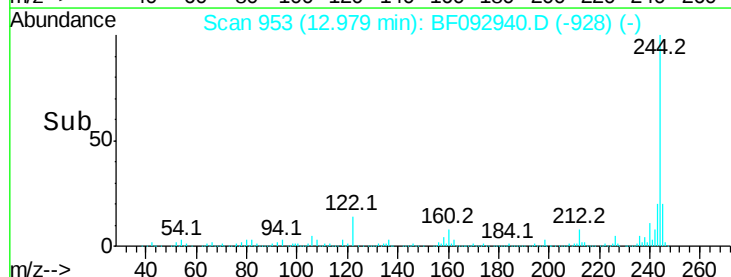
122 14.3 11.4 17.2

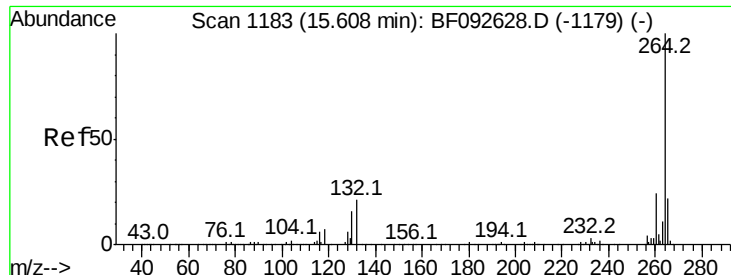


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

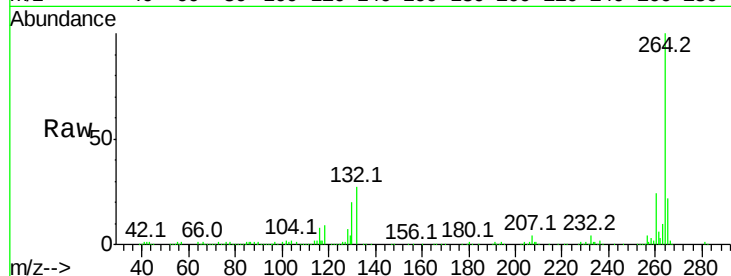




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF092940.D
Acq: 14 Feb 2017 13:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.1	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

