

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021517\
 Data File : BF092960.D
 Acq On : 15 Feb 2017 19:31
 Operator : SJ/MA
 Sample : I1836-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 16 00:32:14 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

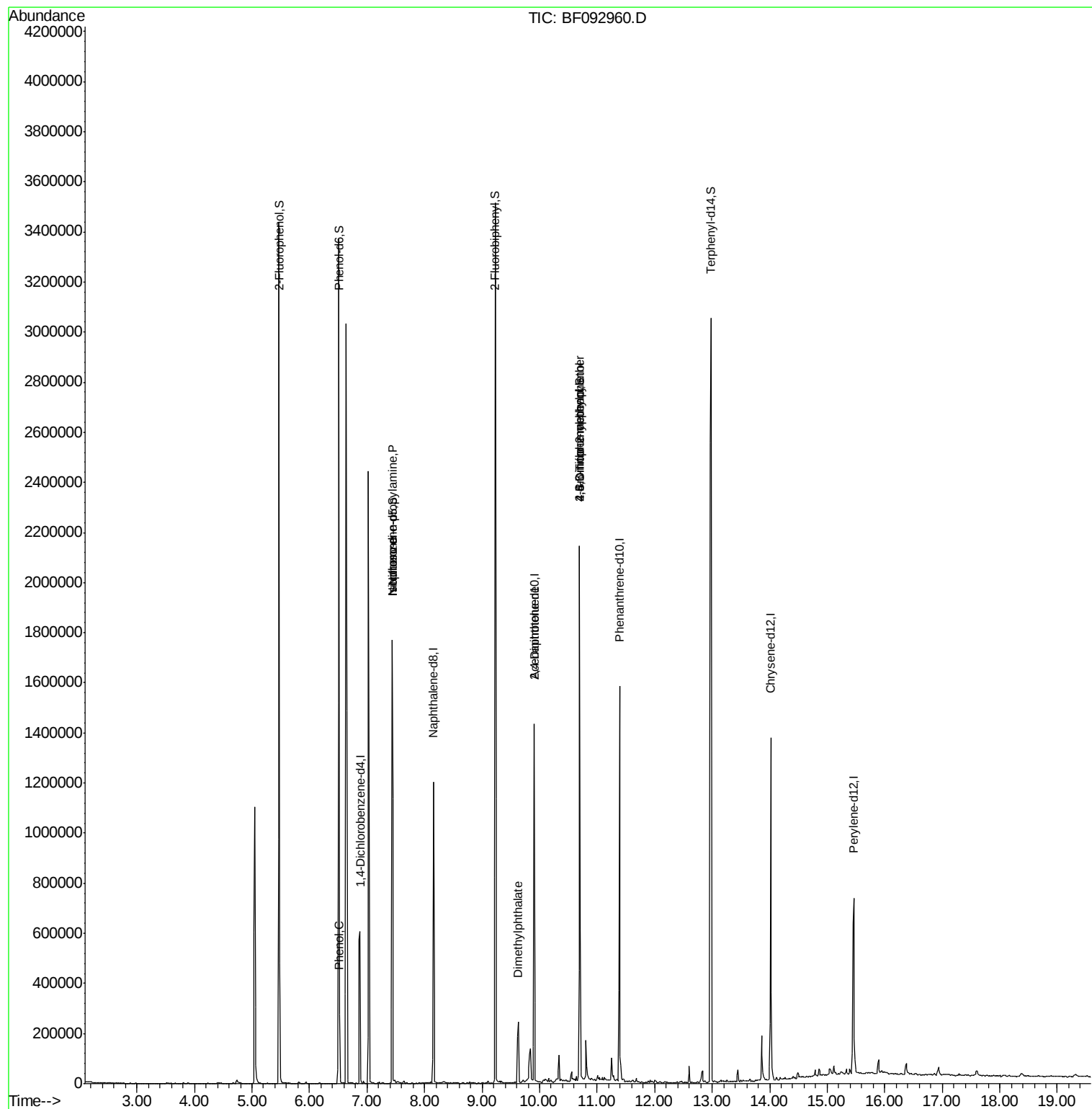
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	138834	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	550465	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	306118	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	558697	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	466739	20.00	ng	-0.03
86) Perylene-d12	15.46	264	365700	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	940453	116.22	ng	-0.01
7) Phenol-d6	6.51	99	1229565	118.09	ng	-0.02
23) Nitrobenzene-d5	7.44	82	755939	76.47	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	266191	120.23	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	1298393	76.84	ng	-0.01
78) Terphenyl-d14	12.98	244	1336453	67.28	ng	-0.01
Target Compounds						
10) Phenol	6.52	94	36250	2.98	ng	# 69
19) n-Nitroso-di-n-propylamine	7.44	70	97637	14.73	ng	# 82
25) Isophorone	7.44	82	689025	37.41	ng	# 65
49) Dimethylphthalate	9.63	163	140349	6.81	ng	100
56) 2,4-Dinitrotoluene	9.90	165	39980	6.74	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.69	198	484	2.80	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	18595	3.19	ng	# 1

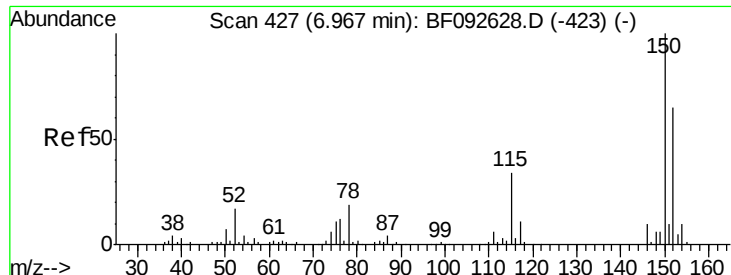
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021517\
Data File : BF092960.D
Acq On : 15 Feb 2017 19:31
Operator : SJ/MA
Sample : I1836-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 16 00:32:14 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



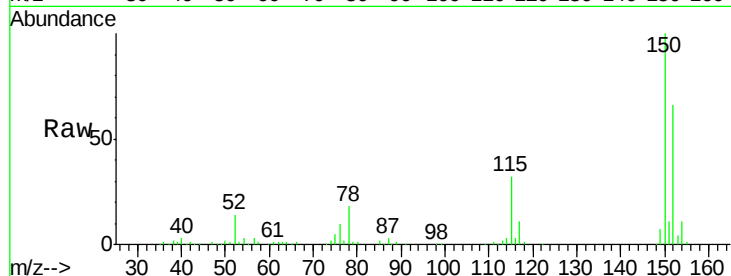


#1

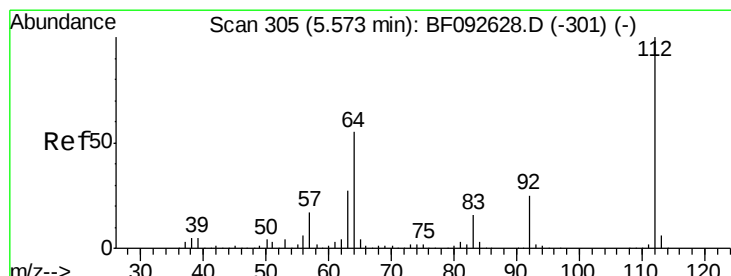
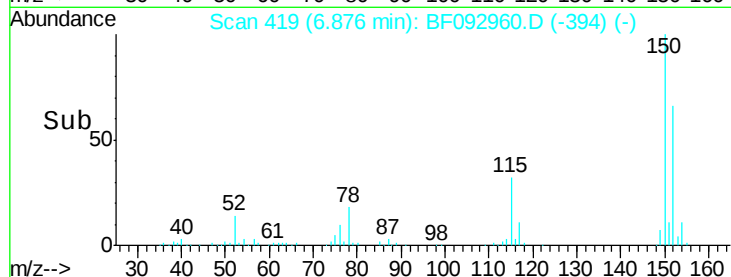
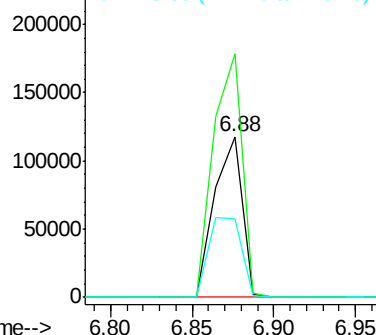
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF092960.D
Acq: 15 Feb 2017 19:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 138834
Ion Ratio Lower Upper
152 100
150 151.2 124.9 187.3
115 49.1 46.0 69.0



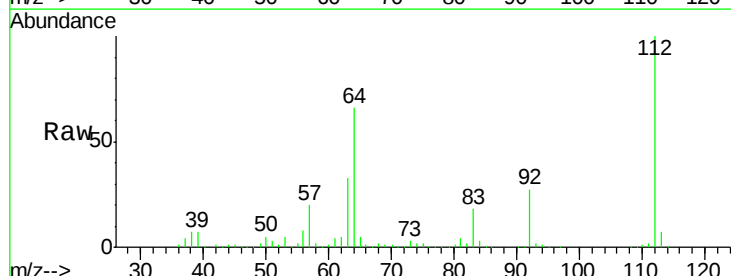
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



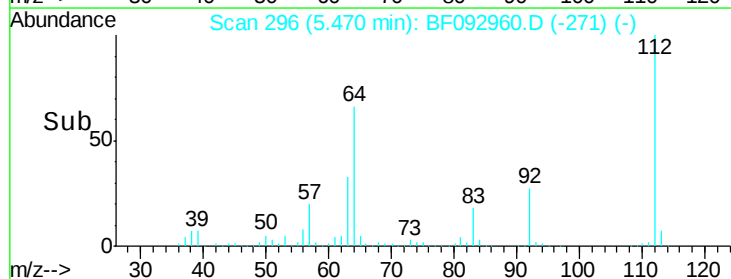
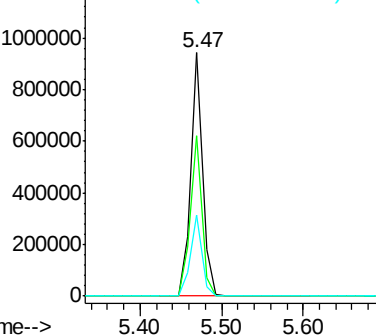
#5

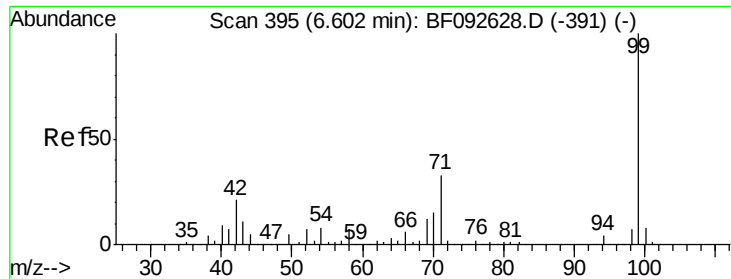
2-Fluorophenol
Concen: 116.22 ng
RT: 5.47 min Scan# 296
Delta R.T. -0.01 min
Lab File: BF092960.D
Acq: 15 Feb 2017 19:31

Tgt Ion:112 Resp: 940453
Ion Ratio Lower Upper
112 100
64 65.9 46.1 69.1
63 33.2 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: 118.09 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF092960.D

Acq: 15 Feb 2017 19:31

Instrument :

BNA_F

ClientSampleId :

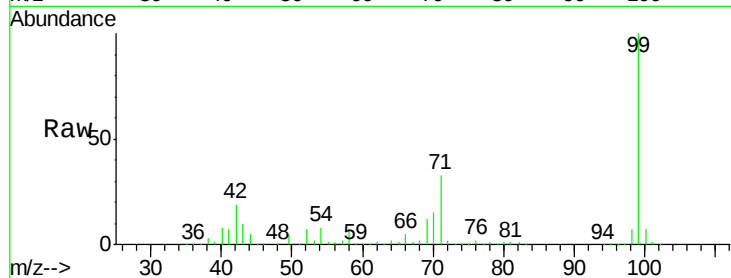
Tot Ion: 99 Resp: 1229565

Ion Ratio Lower Upper

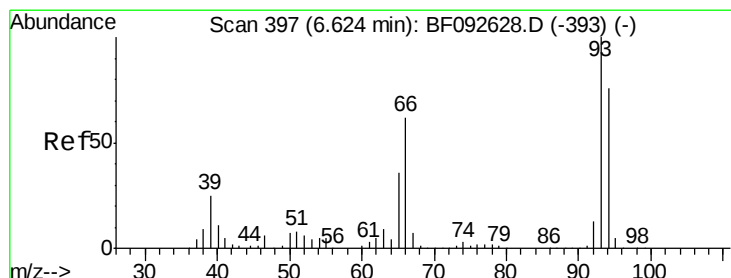
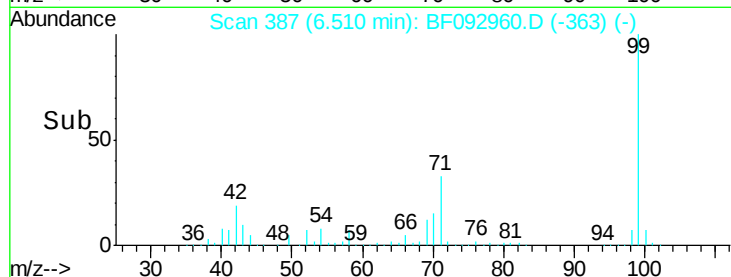
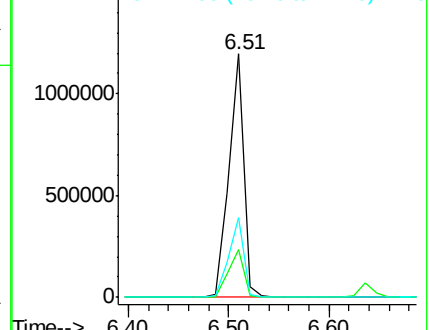
99 100

42 19.4 15.6 23.4

71 32.5 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



#10

Phenol

Concen: 2.98 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF092960.D

Acq: 15 Feb 2017 19:31

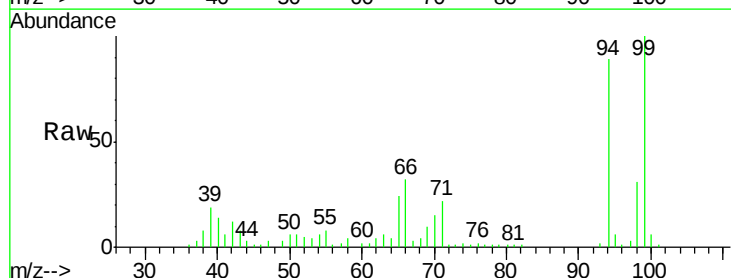
Tgt Ion: 94 Resp: 36250

Ion Ratio Lower Upper

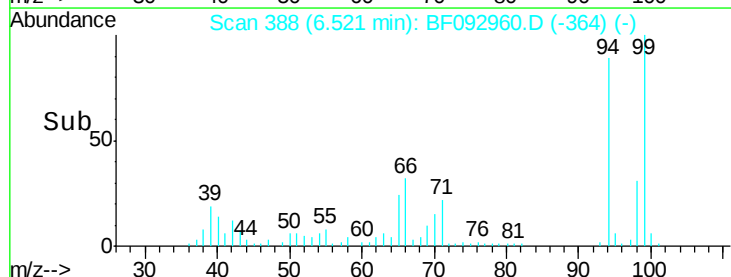
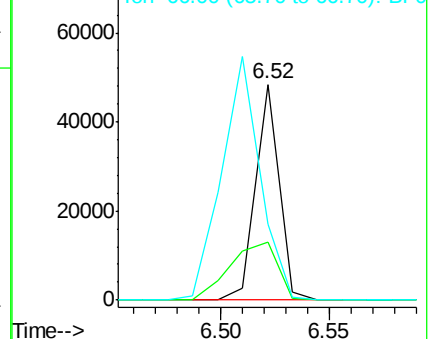
94 100

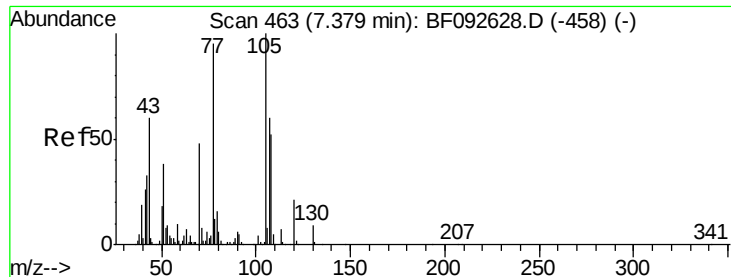
65 26.9 21.4 61.4

66 35.3 44.0 84.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

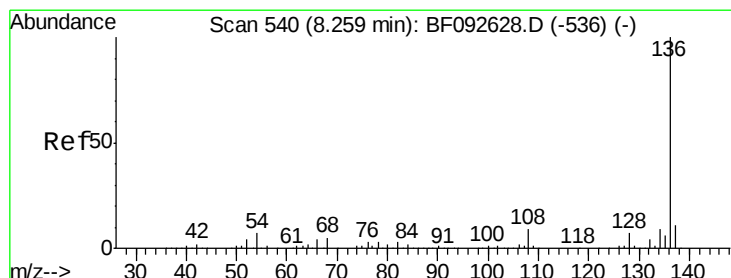
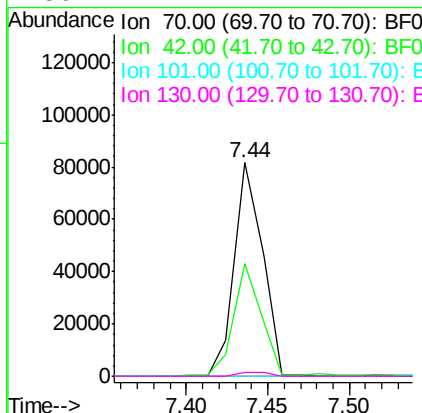
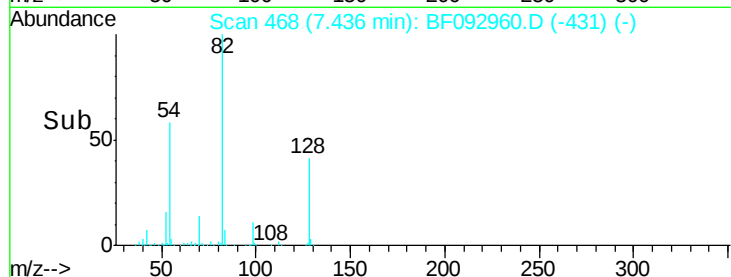
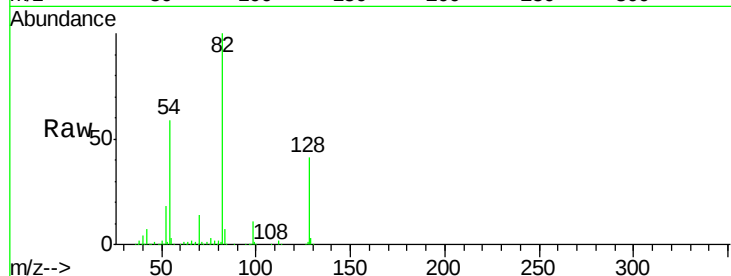




#19
n-Nitroso-di-n-propylamine
Concen: 14.73 ng
RT: 7.44 min Scan# 468
Delta R.T. 0.13 min
Lab File: BF092960.D
Acq: 15 Feb 2017 19:31

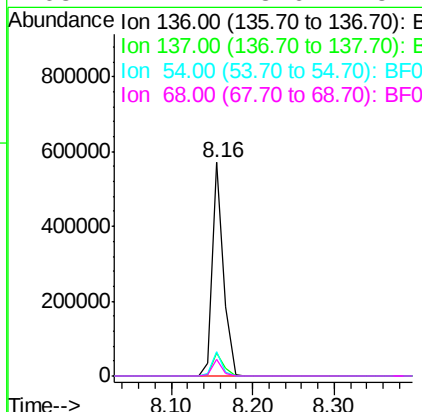
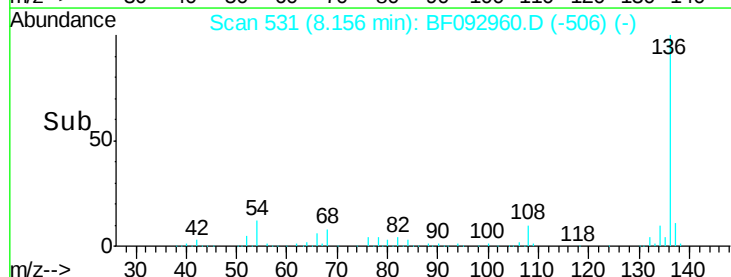
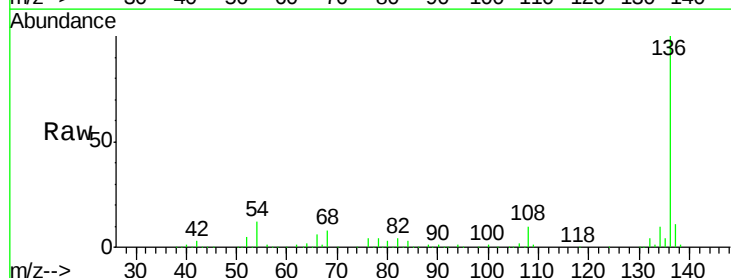
Instrument :
BNA_F
ClientSampleId :

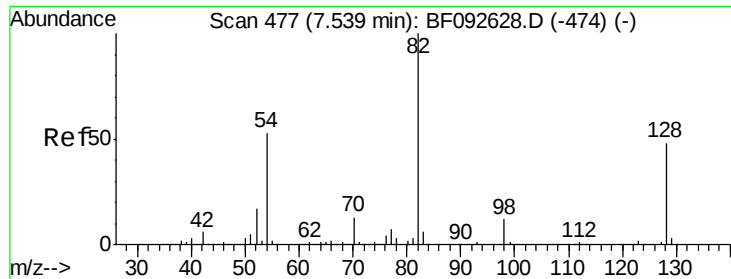
Tot Ion: 70 Resp: 97637
Ion Ratio Lower Upper
70 100
42 52.9 49.4 74.0
101 0.0 7.4 11.2#
130 2.1 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF092960.D
Acq: 15 Feb 2017 19:31

Tgt Ion: 136 Resp: 550465
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 11.5 4.5 6.7#
68 7.7 3.6 5.4#

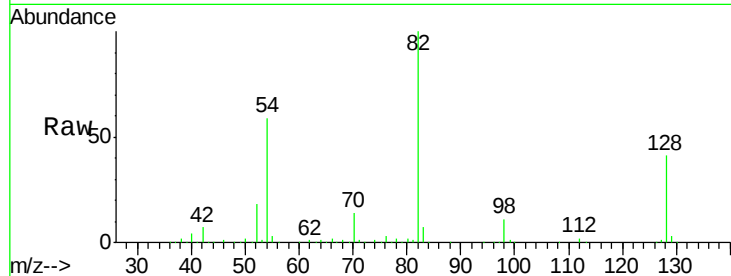




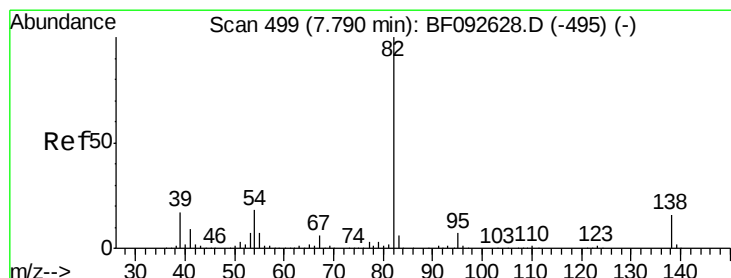
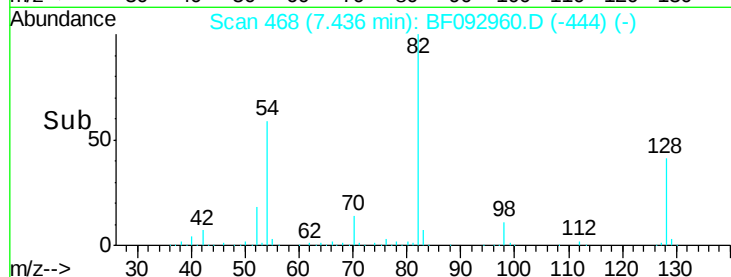
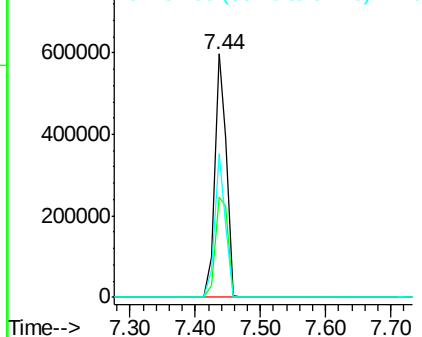
#23
Nitrobenzene-d5
Concen: 76.47 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.02 min
Lab File: BF092960.D
Acq: 15 Feb 2017 19:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 755939
Ion Ratio Lower Upper
82 100
128 41.0 34.6 52.0
54 59.2 39.5 59.3

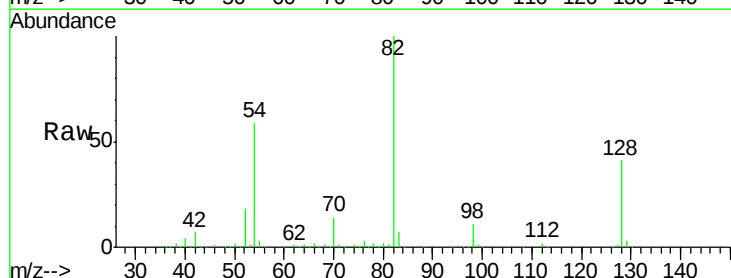


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

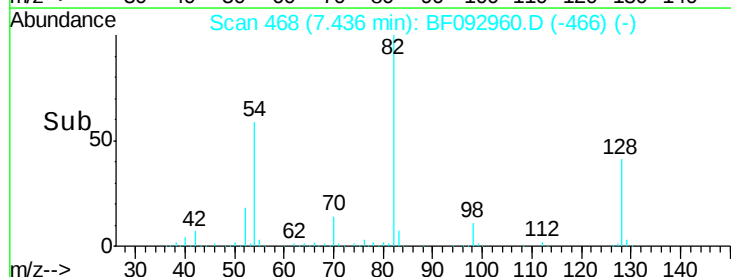
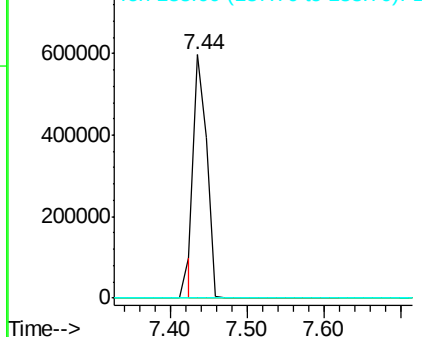


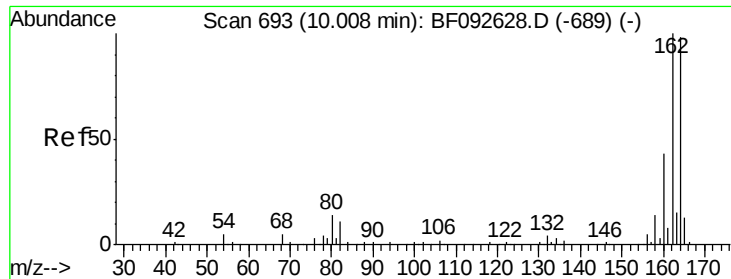
#25
Isophorone
Concen: 37.41 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.27 min
Lab File: BF092960.D
Acq: 15 Feb 2017 19:31

Tgt Ion: 82 Resp: 689025
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

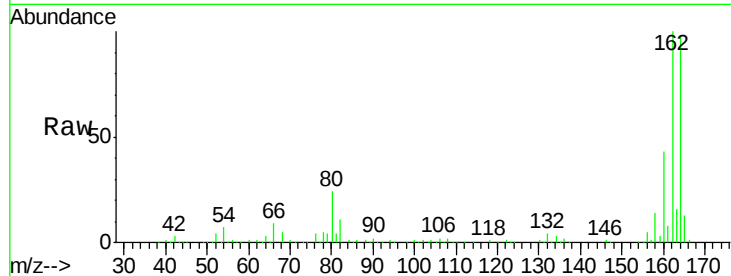




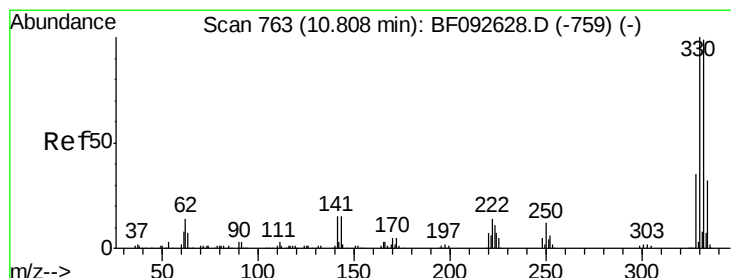
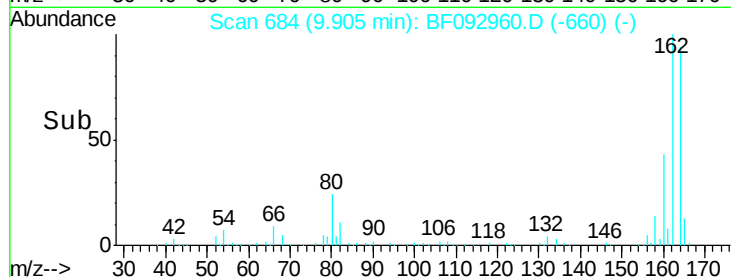
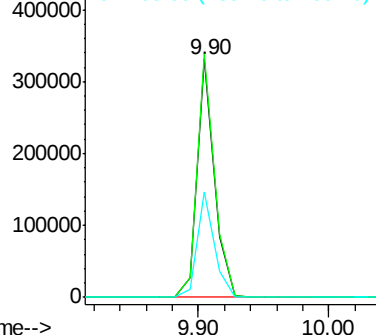
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF092960.D
Acq: 15 Feb 2017 19:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 306118
Ion Ratio Lower Upper
164 100
162 102.2 80.2 120.2
160 44.0 36.9 55.3

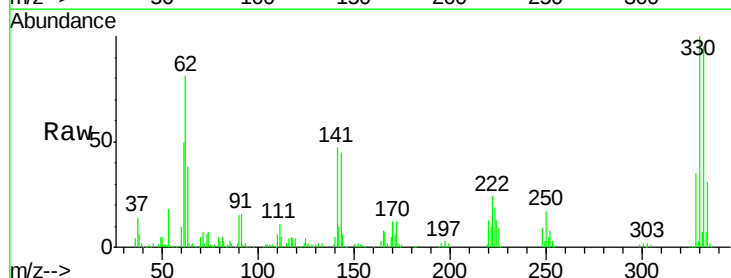


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

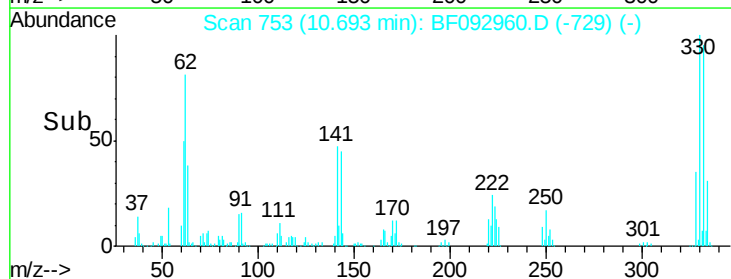
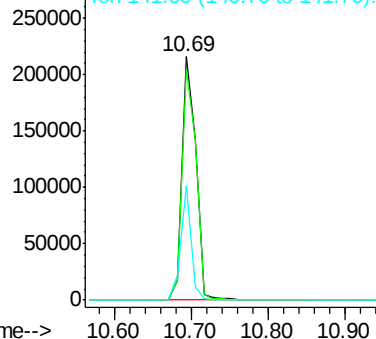


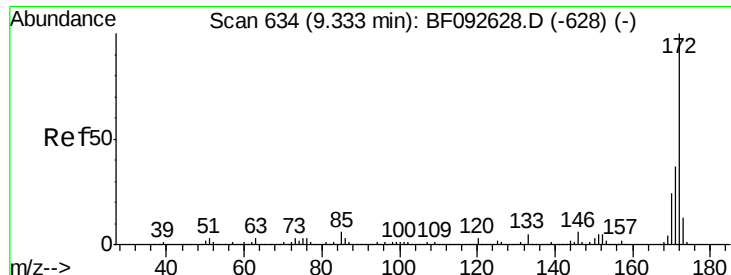
#41
2,4,6-Tribromophenol
Concen: 120.23 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.02 min
Lab File: BF092960.D
Acq: 15 Feb 2017 19:31

Tgt Ion:330 Resp: 266191
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.2
141 35.9 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

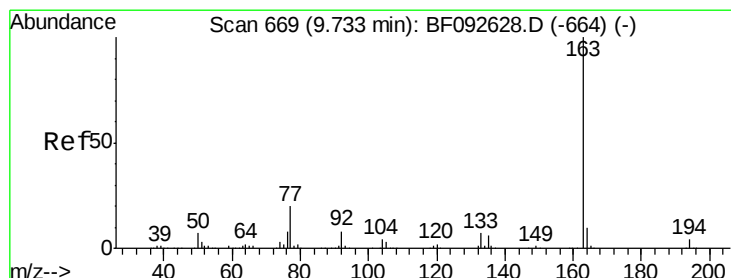
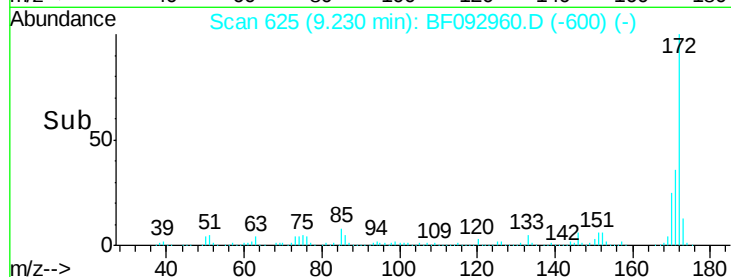
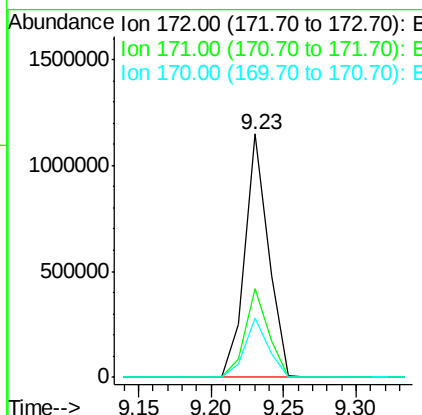
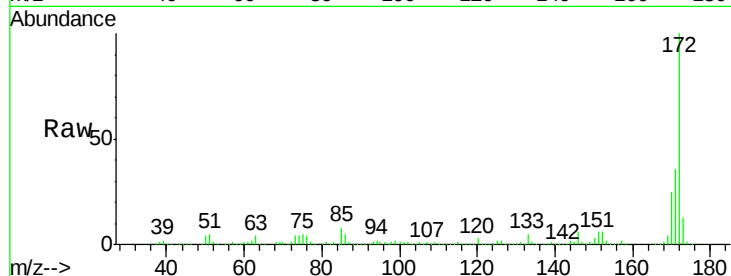




#44
2-Fluorobiphenyl
Concen: 76.84 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.01 min
Lab File: BF092960.D
Acq: 15 Feb 2017 19:31

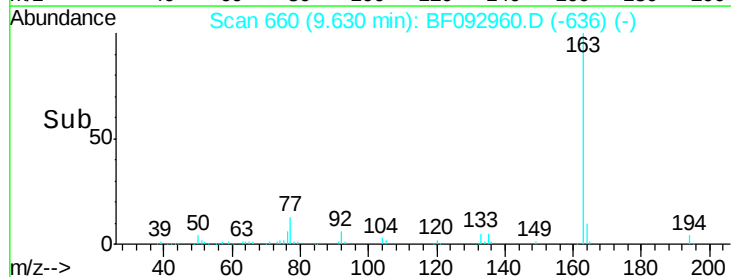
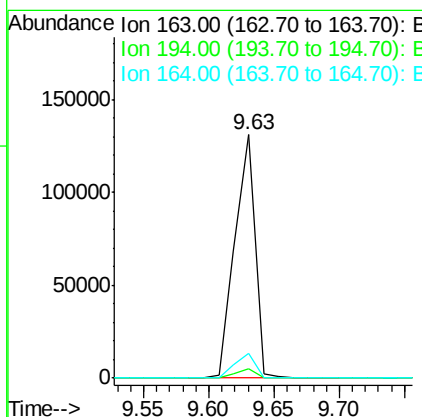
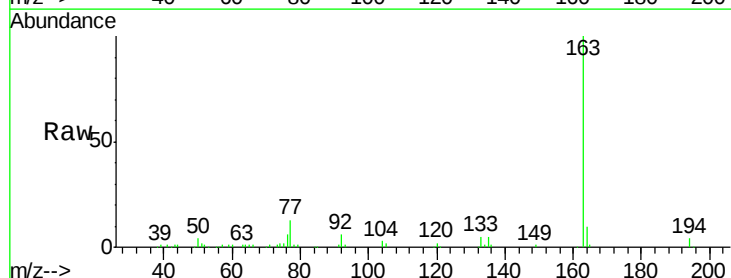
Instrument :
BNA_F
ClientSampleId :

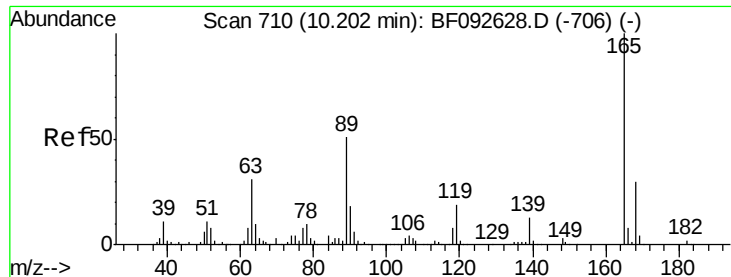
Tot Ion:172 Resp: 1298393
Ion Ratio Lower Upper
172 100
171 36.3 29.4 44.0
170 24.6 20.2 30.4



#49
Dimethylphthalate
Concen: 6.81 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.02 min
Lab File: BF092960.D
Acq: 15 Feb 2017 19:31

Tgt Ion:163 Resp: 140349
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.1 8.0 12.0





#56

2,4-Dinitrotoluene

Concen: 6.74 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.22 min

Lab File: BF092960.D

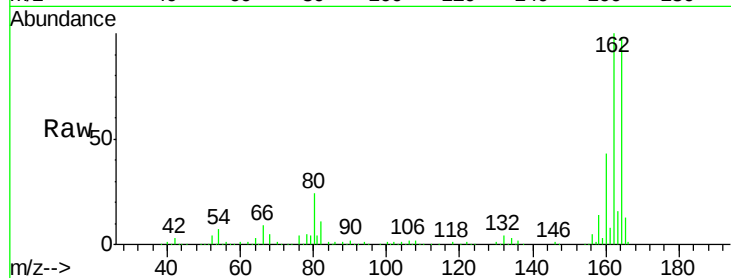
Acq: 15 Feb 2017 19:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165	Resp:	39980
Ion Ratio	Lower	Upper
165	100	
63	0.9	40.2 60.4#
89	1.1	62.5 93.7#
182	0.0	1.8 2.8#

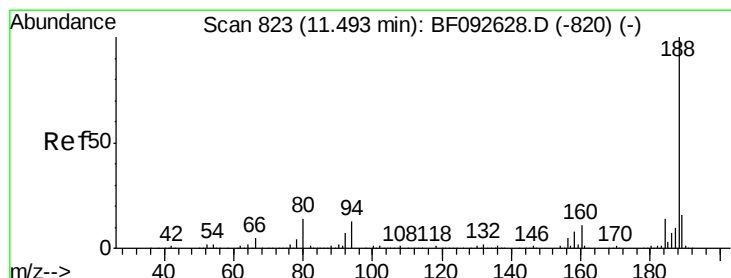
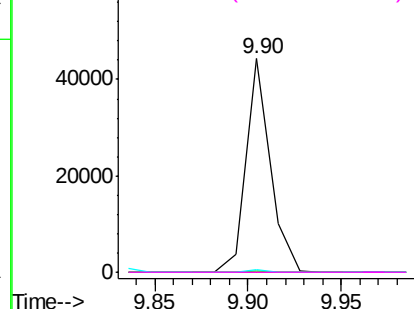
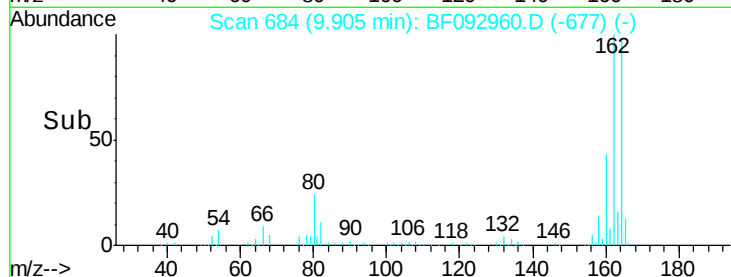


Abundance Ion 165.00 (164.70 to 165.70): E

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

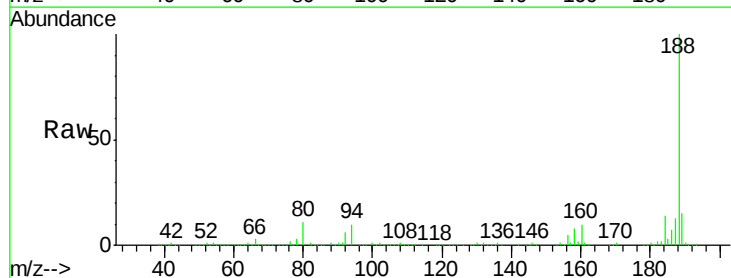
RT: 11.39 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF092960.D

Acq: 15 Feb 2017 19:31

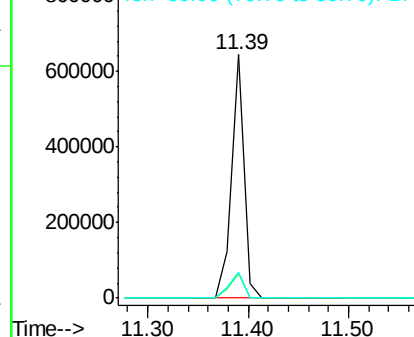
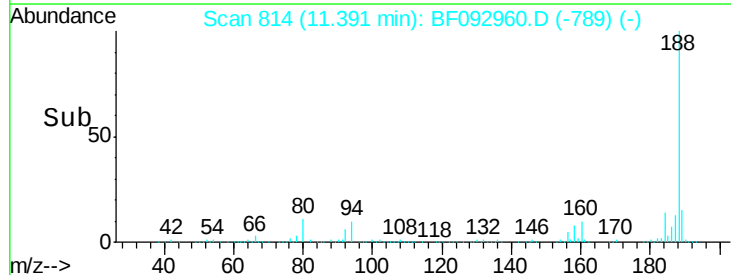
Tgt Ion:188	Resp:	558697
Ion Ratio	Lower	Upper
188	100	
94	10.2	10.0 15.0
80	10.8	11.2 16.8#

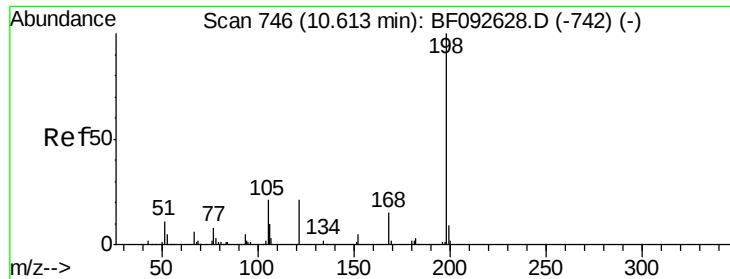


Abundance Ion 188.00 (187.70 to 188.70): E

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: 2.80 ng

RT: 10.69 min Scan# 753

Delta R.T. 0.16 min

Lab File: BF092960.D

Acq: 15 Feb 2017 19:31

Instrument :

BNA_F

ClientSampleId :

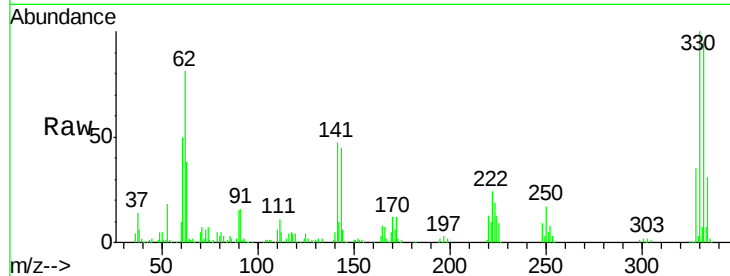
Tot Ion:198 Resp: 484

Ion Ratio Lower Upper

198 100

51 227.5 6.7 46.7#

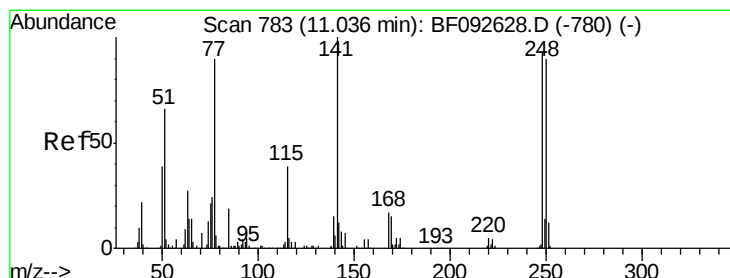
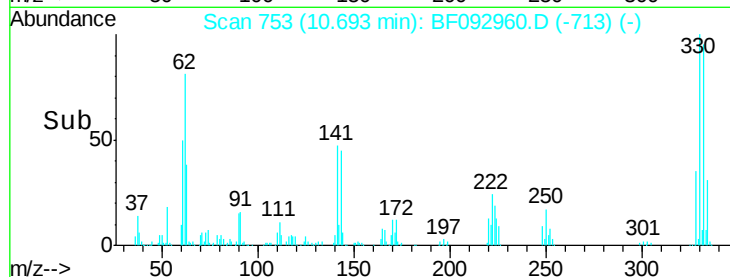
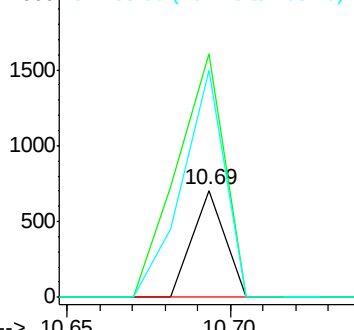
105 211.6 16.6 56.6#



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: 3.19 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.26 min

Lab File: BF092960.D

Acq: 15 Feb 2017 19:31

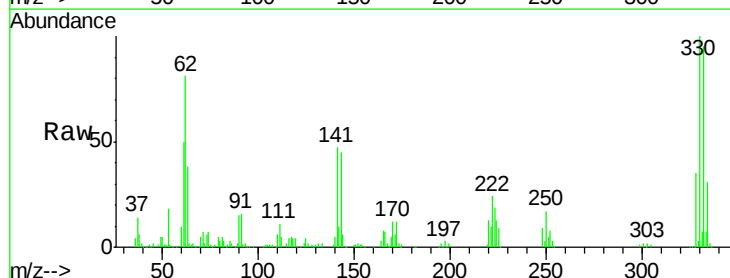
Tgt Ion:248 Resp: 18595

Ion Ratio Lower Upper

248 100

250 201.0 76.9 115.3#

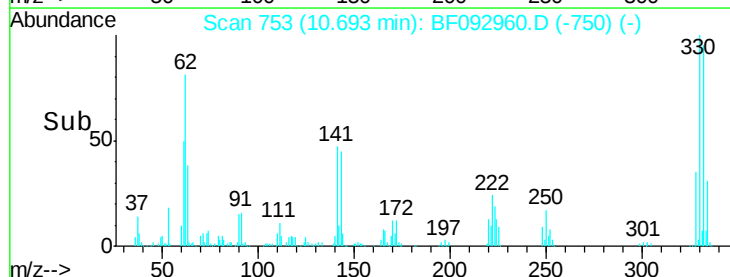
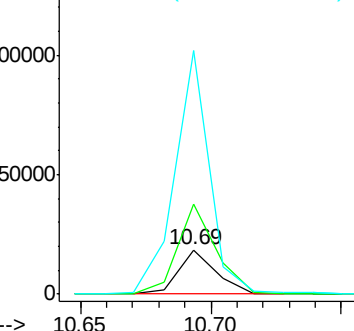
141 546.3 68.2 102.4#

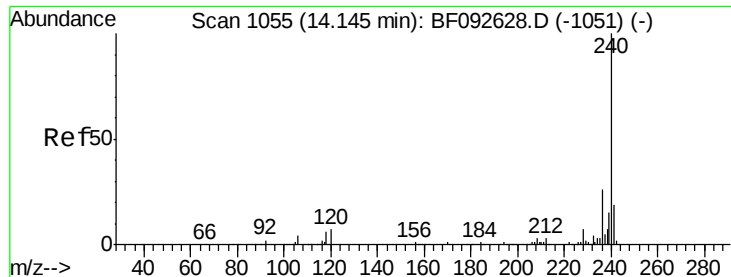


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF092960.D

Acq: 15 Feb 2017 19:31

Instrument :

BNA_F

ClientSampleId :

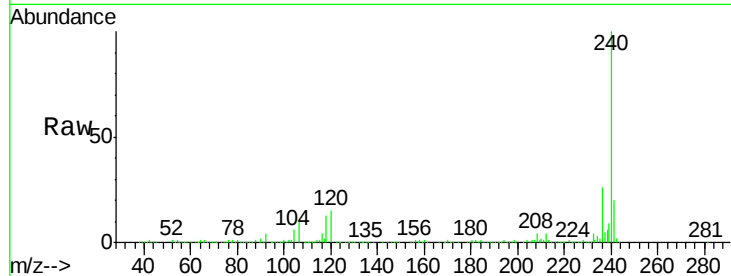
Tot Ion:240 Resp: 466739

Ion Ratio Lower Upper

240 100

120 15.2 12.9 19.3

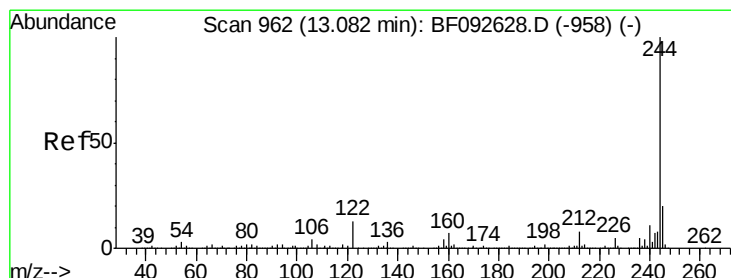
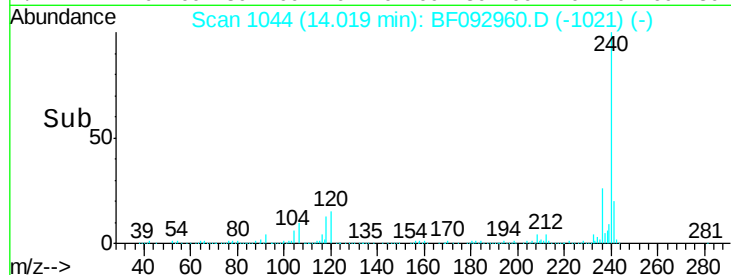
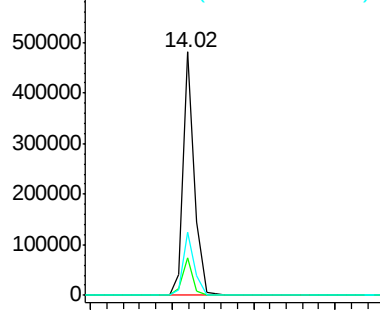
236 25.8 20.9 31.3



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: 67.28 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF092960.D

Acq: 15 Feb 2017 19:31

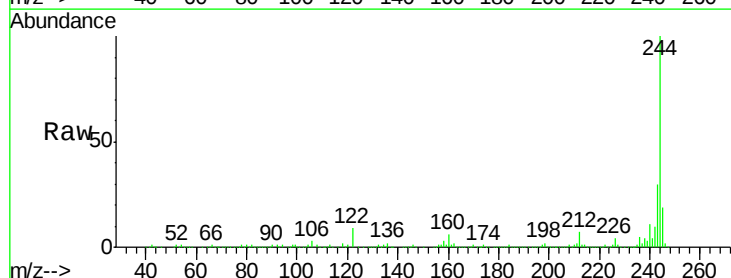
Tgt Ion:244 Resp: 1336453

Ion Ratio Lower Upper

244 100

212 6.9 6.2 9.2

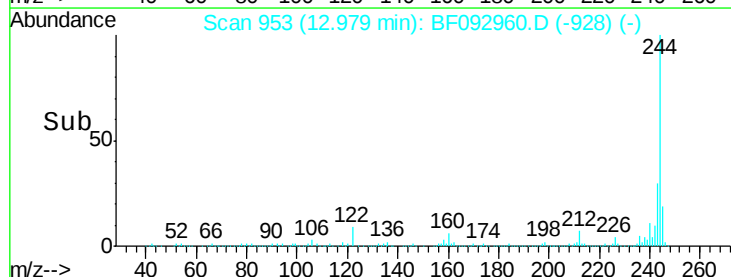
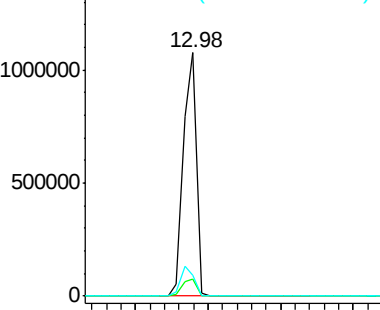
122 8.7 11.4 17.2#

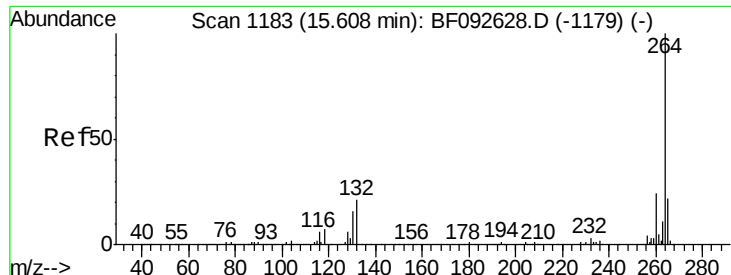


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

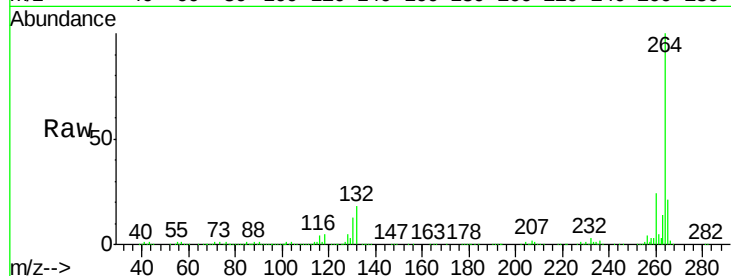




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF092960.D
Acq: 15 Feb 2017 19:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.3	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

