

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020117\
 Data File : BF092734.D
 Acq On : 2 Feb 2017 6:15
 Operator : SJ/MA
 Sample : I1615-11
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-11

Quant Time: Feb 02 06:41:39 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

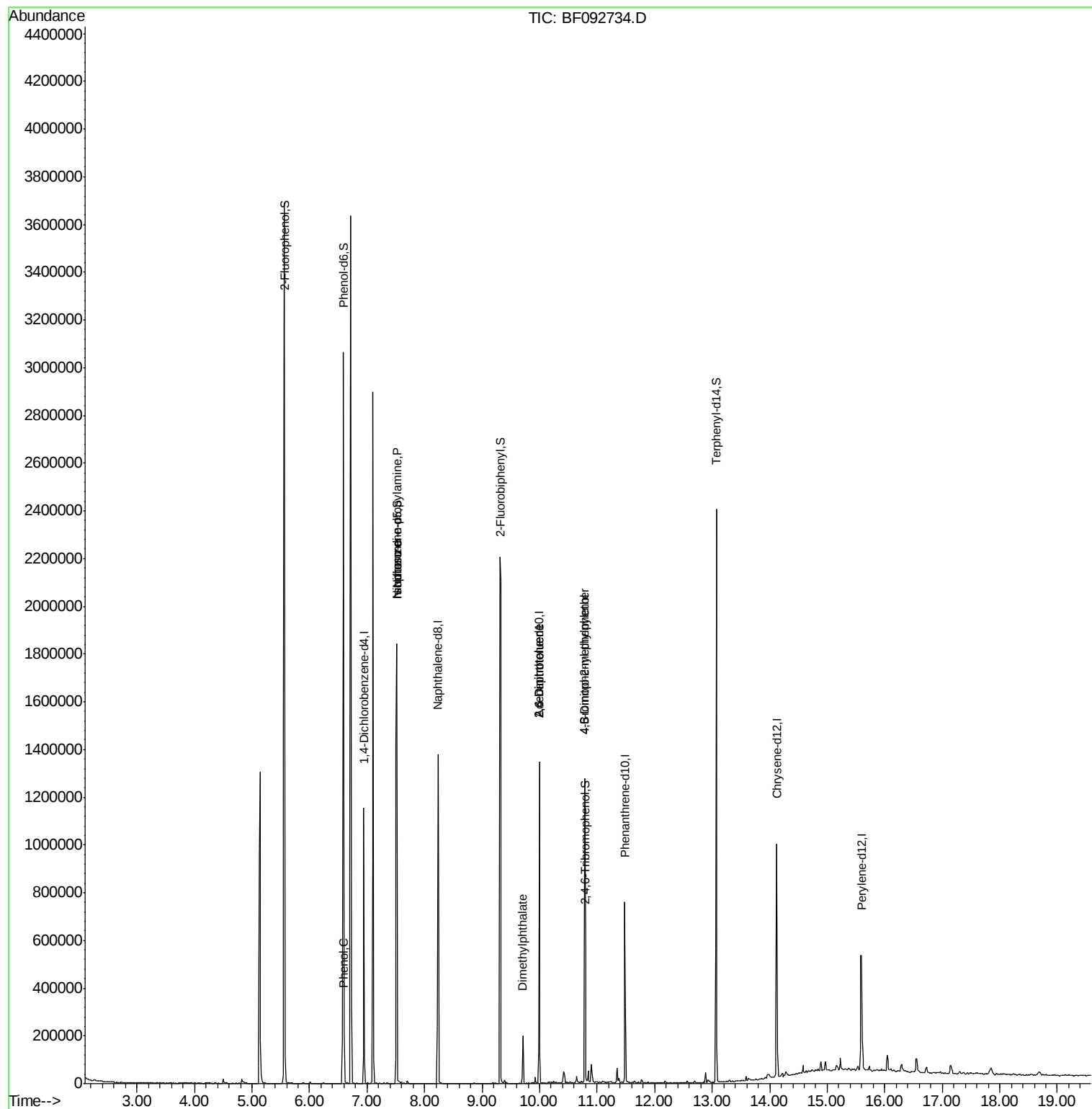
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	154232	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	572534	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	261252	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	307492	20.00	ng	-0.01
75) Chrysene-d12	14.12	240	321859	20.00	ng	-0.02
86) Perylene-d12	15.60	264	270960	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1007667	112.09	ng	-0.01
7) Phenol-d6	6.59	99	1281384	110.78	ng	-0.01
23) Nitrobenzene-d5	7.52	82	797518	77.57	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	156360	82.75	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1083203	75.12	ng	-0.01
78) Terphenyl-d14	13.07	244	705505	51.50	ng	-0.01
Target Compounds						
10) Phenol	6.60	94	64308	4.75	ng	# 62
19) n-Nitroso-di-n-propylamine	7.52	70	102827	13.96	ng	# 77
25) Isophorone	7.52	82	775146	40.46	ng	# 65
49) Dimethylphthalate	9.71	163	75153	4.27	ng	99
50) 2,6-Dinitrotoluene	10.00	165	34296	9.02	ng	# 30
56) 2,4-Dinitrotoluene	10.00	165	34298	6.78	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.78	198	344	2.84	ng	# 1
66) 4-Bromophenyl-phenylether	10.78	248	11148	3.47	ng	# 1

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

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QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF092734.D

Acq: 2 Feb 2017 6:15

Instrument :

BNA_F

ClientSampleId :

SS-11

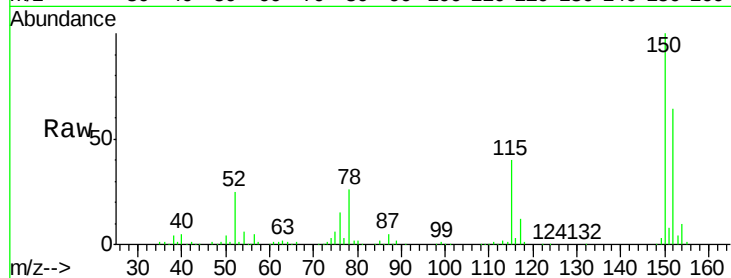
Tgt Ion:152 Resp: 154232

Ion Ratio Lower Upper

152 100

150 156.3 124.9 187.3

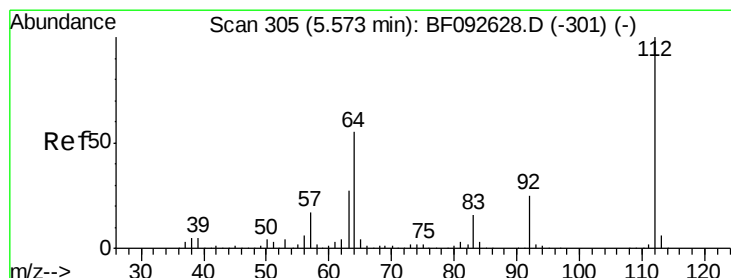
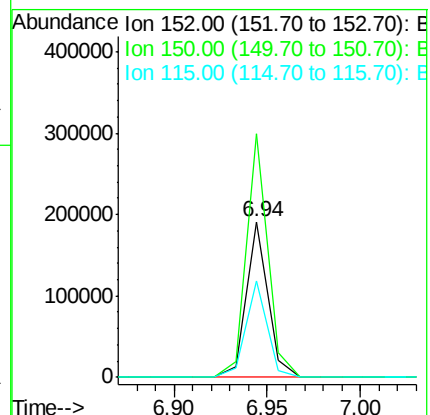
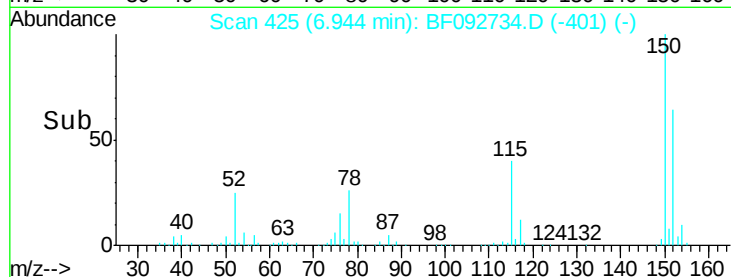
115 62.2 46.0 69.0



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: 112.09 ng

RT: 5.56 min Scan# 304

Delta R.T. -0.01 min

Lab File: BF092734.D

Acq: 2 Feb 2017 6:15

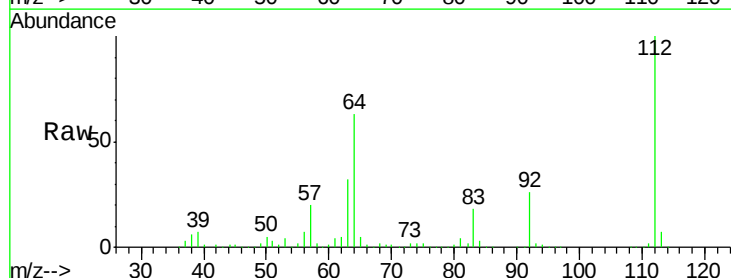
Tgt Ion:112 Resp: 1007667

Ion Ratio Lower Upper

112 100

64 63.1 46.1 69.1

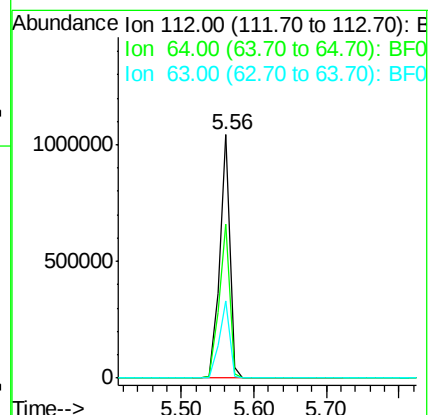
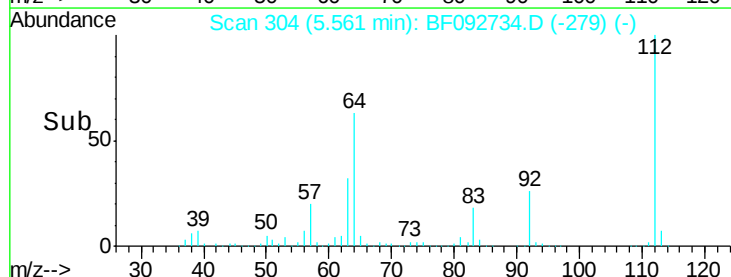
63 31.5 23.8 35.6



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: 110.78 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092734.D

Acq: 2 Feb 2017 6:15

Instrument :

BNA_F

ClientSampleId :

SS-11

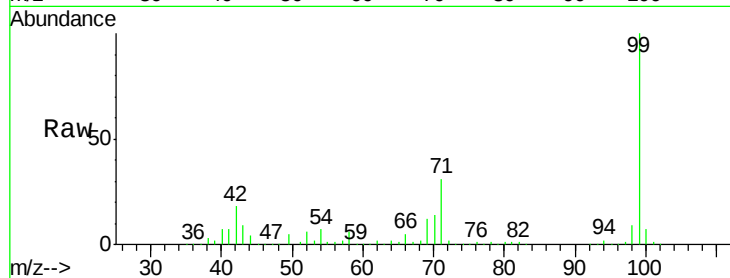
Tgt Ion: 99 Resp: 1281384

Ion Ratio Lower Upper

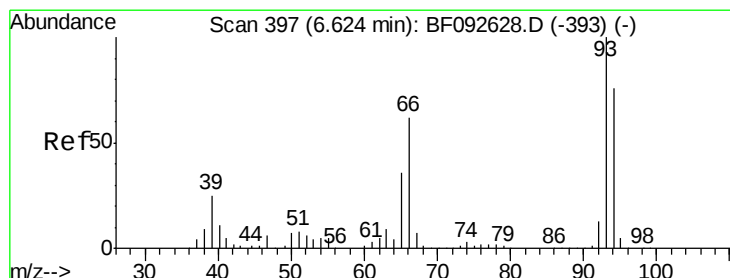
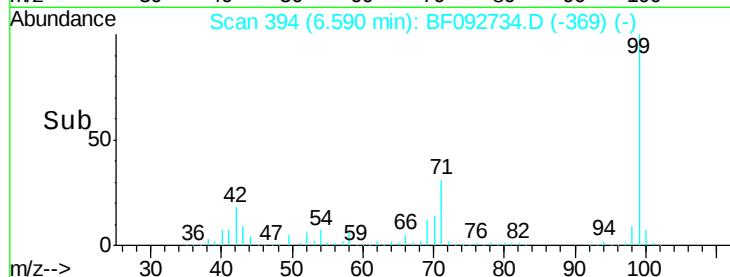
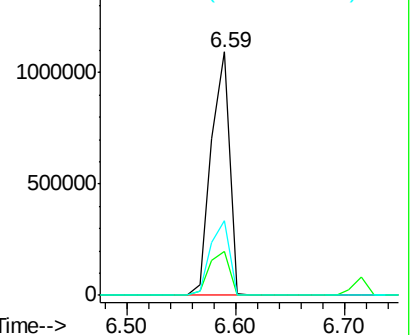
99 100

42 18.1 15.6 23.4

71 30.6 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: 4.75 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF092734.D

Acq: 2 Feb 2017 6:15

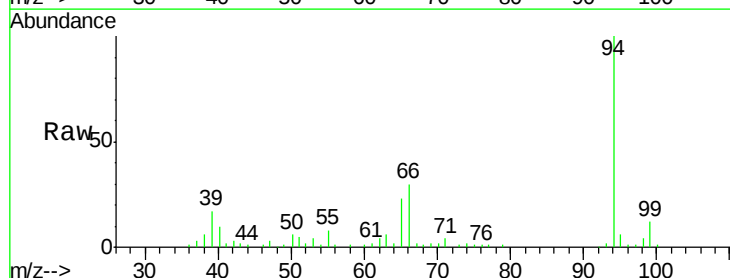
Tgt Ion: 94 Resp: 64308

Ion Ratio Lower Upper

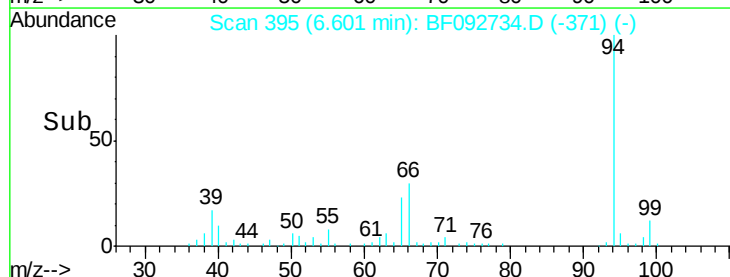
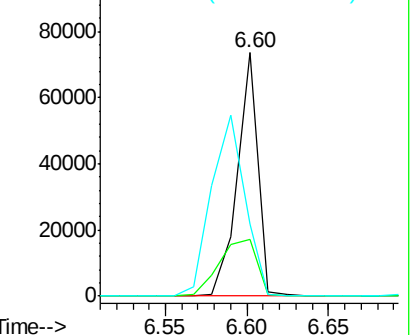
94 100

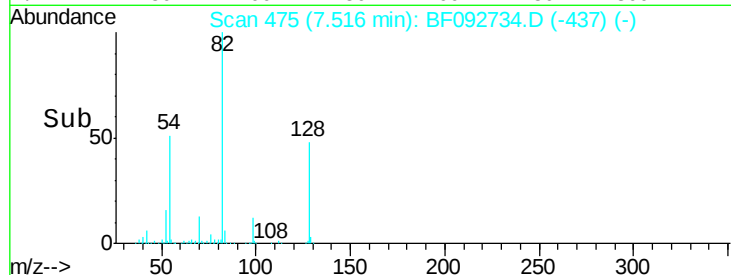
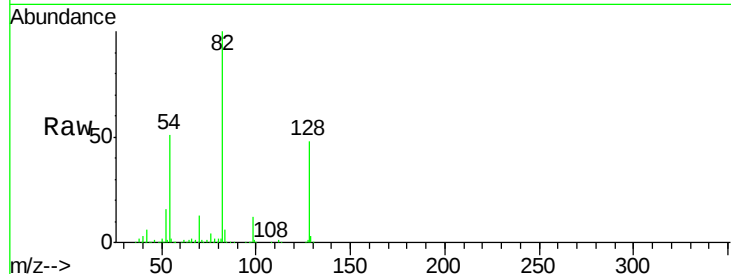
65 23.4 21.4 61.4

66 29.6 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

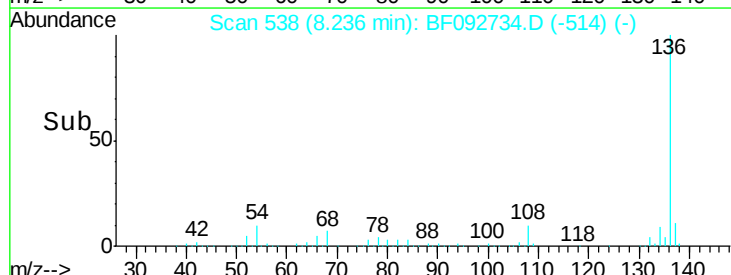
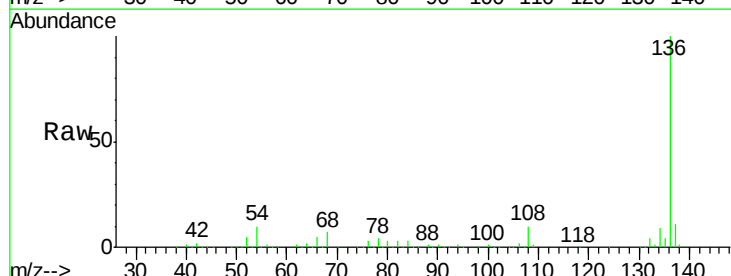
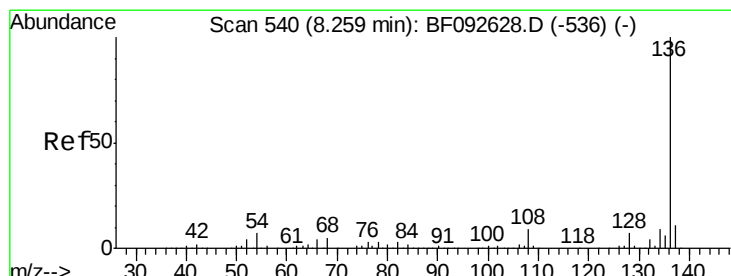
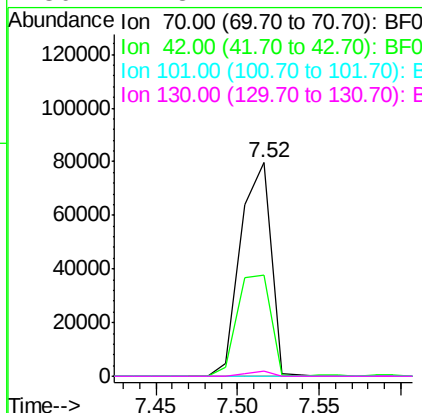




#19
n-Nitroso-di-n-propylamine
Concen: 13.96 ng
RT: 7.52 min Scan# 475
Delta R.T. 0.14 min
Lab File: BF092734.D
Acq: 2 Feb 2017 6:15

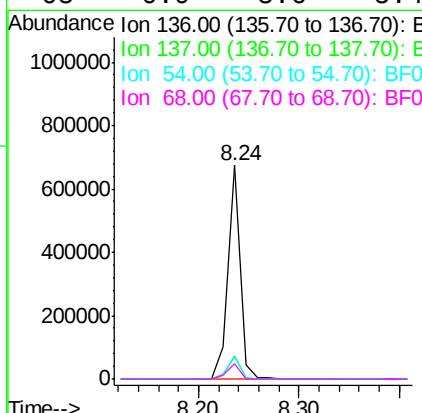
Instrument :
BNA_F
ClientSampleId :
SS-11

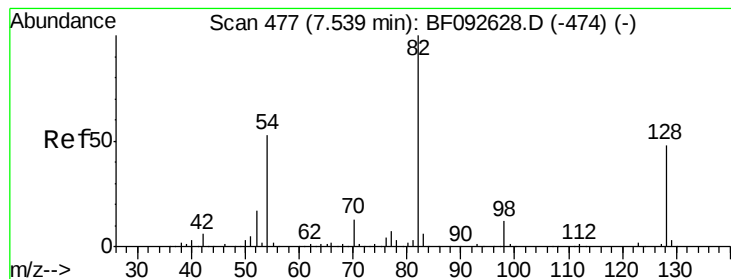
Tgt Ion:	70	Resp:	102827
Ion	Ratio	Lower	Upper
70	100		
42	47.2	49.4	74.0#
101	0.0	7.4	11.2#
130	2.3	14.2	21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF092734.D
Acq: 2 Feb 2017 6:15

Tgt Ion:	136	Resp:	572534
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	9.9	4.5	6.7#
68	6.9	3.6	5.4#





#23

Nitrobenzene-d5

Concen: 77.57 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.02 min

Lab File: BF092734.D

Acq: 2 Feb 2017 6:15

Instrument :

BNA_F

ClientSampled :

SS-11

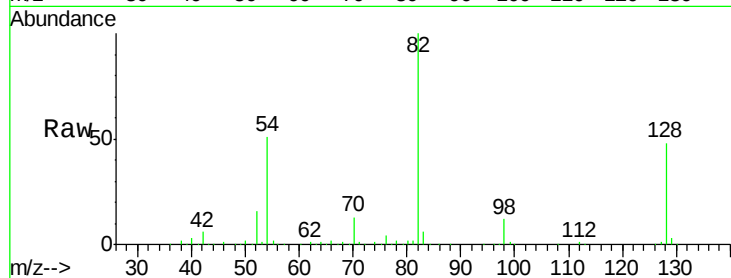
Tgt Ion: 82 Resp: 797518

Ion Ratio Lower Upper

82 100

128 48.5 34.6 52.0

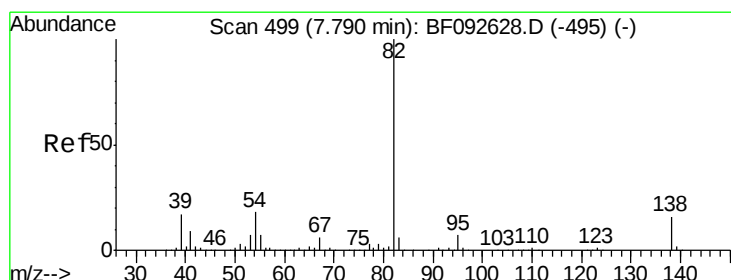
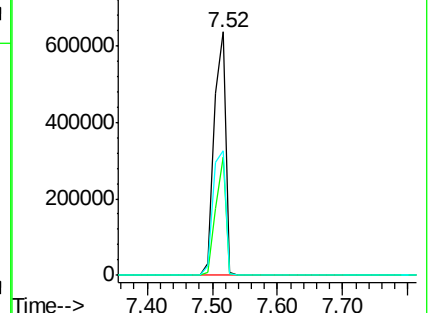
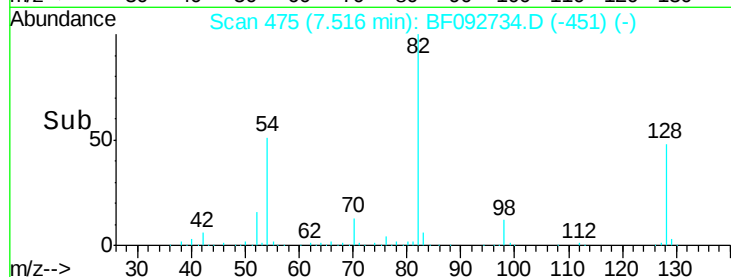
54 50.9 39.5 59.3



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: 40.46 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.27 min

Lab File: BF092734.D

Acq: 2 Feb 2017 6:15

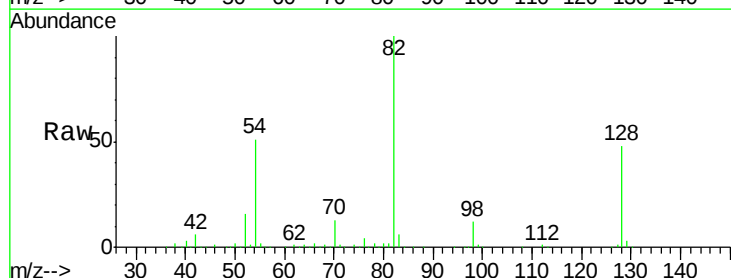
Tgt Ion: 82 Resp: 775146

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

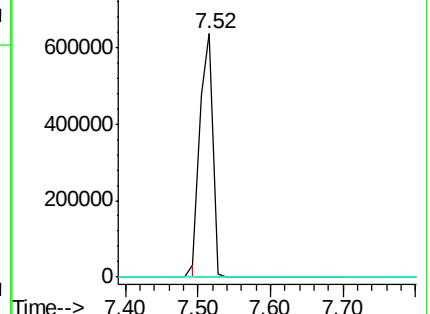
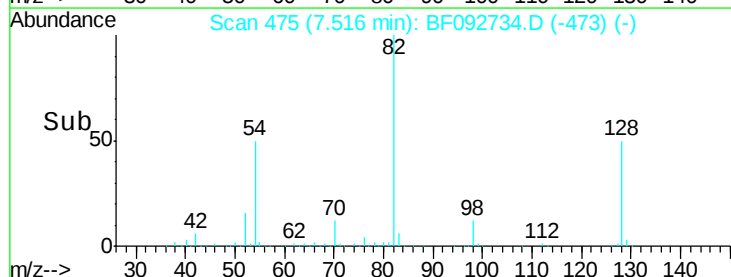
138 0.0 14.6 22.0#

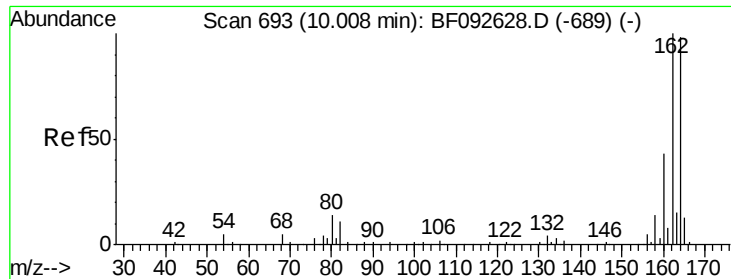


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

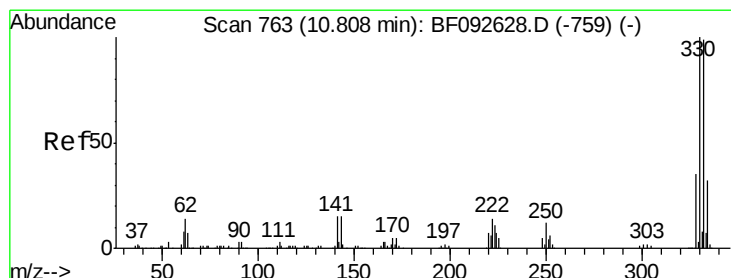
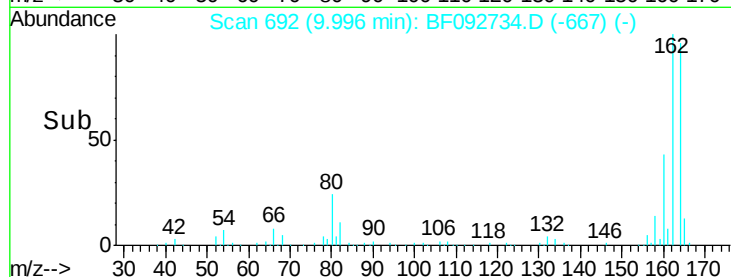
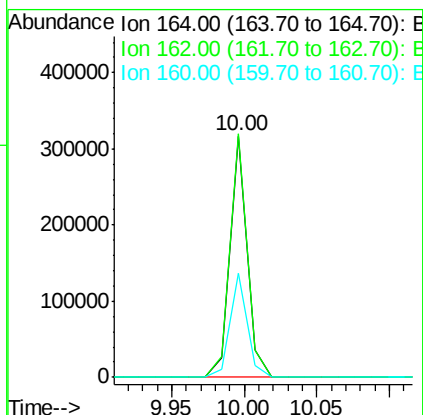
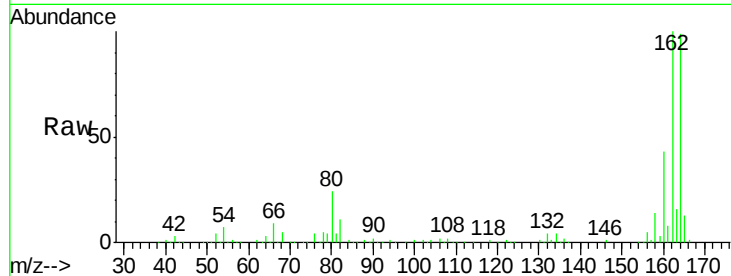




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF092734.D
Acq: 2 Feb 2017 6:15

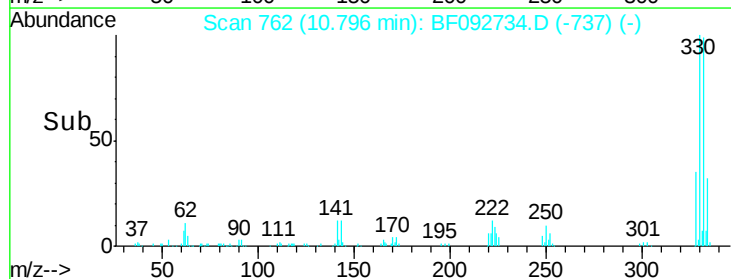
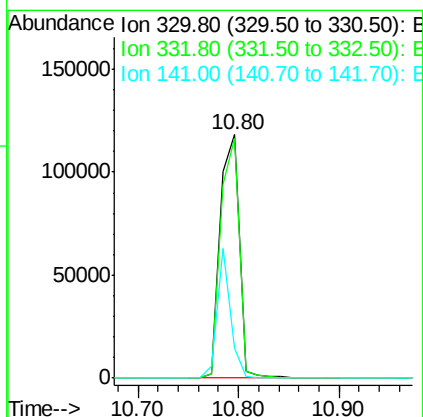
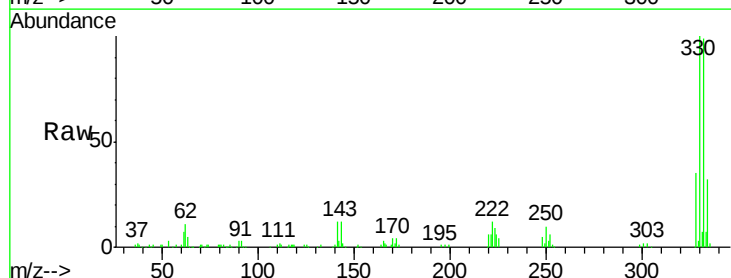
Instrument :
BNA_F
ClientSampleId :
SS-11

Tgt Ion:164 Resp: 261252
Ion Ratio Lower Upper
164 100
162 100.8 80.2 120.2
160 43.3 36.9 55.3



#41
2,4,6-Tribromophenol
Concen: 82.75 ng
RT: 10.80 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF092734.D
Acq: 2 Feb 2017 6:15

Tgt Ion:330 Resp: 156360
Ion Ratio Lower Upper
330 100
332 96.3 77.4 116.2
141 37.1 34.1 51.1

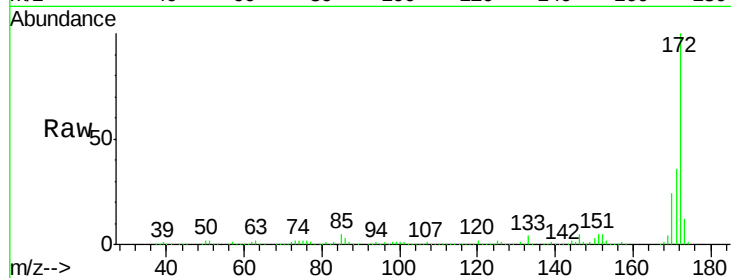




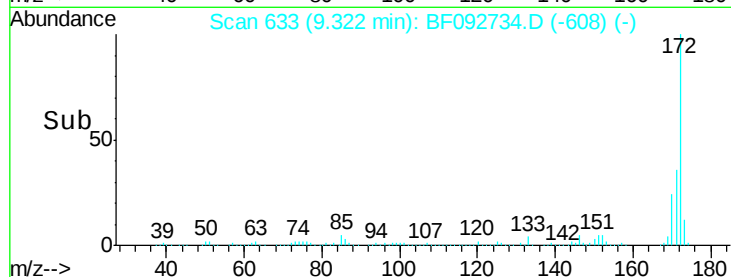
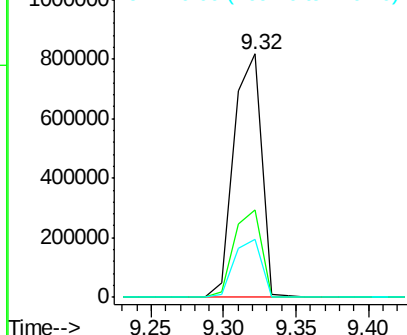
#44
 2-Fluorobiphenyl
 Concen: 75.12 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF092734.D
 Acq: 2 Feb 2017 6:15

Instrument :
 BNA_F
 ClientSampleId :
 SS-11

Tgt Ion:172 Resp: 1083203
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.4 44.0
 170 23.7 20.2 30.4

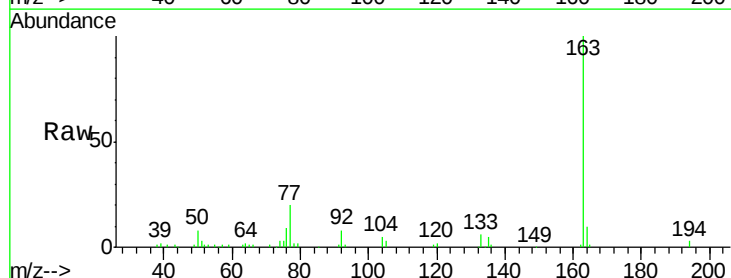


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

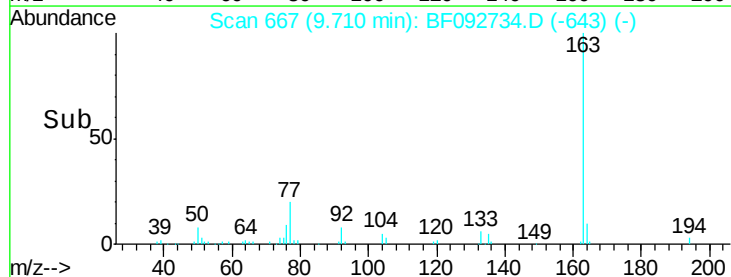
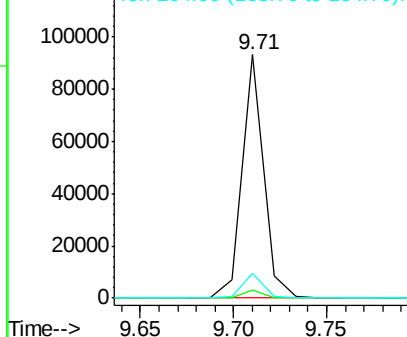


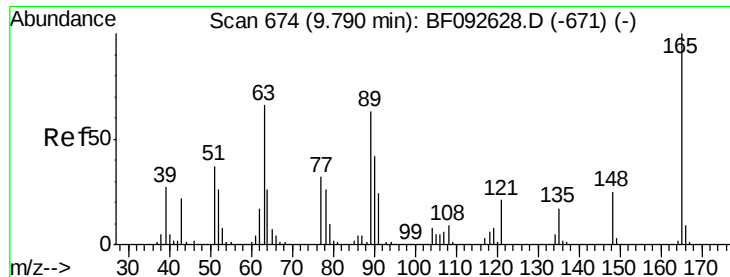
#49
 Dimethylphthalate
 Concen: 4.27 ng
 RT: 9.71 min Scan# 667
 Delta R.T. -0.02 min
 Lab File: BF092734.D
 Acq: 2 Feb 2017 6:15

Tgt Ion:163 Resp: 75153
 Ion Ratio Lower Upper
 163 100
 194 3.5 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

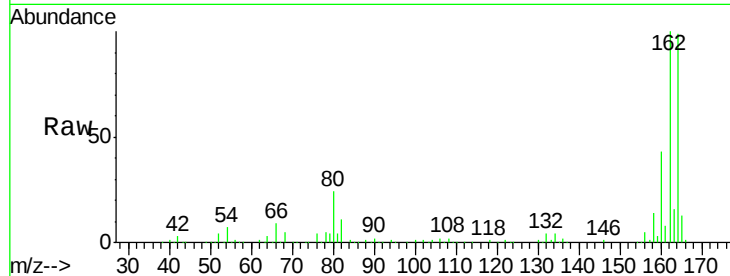




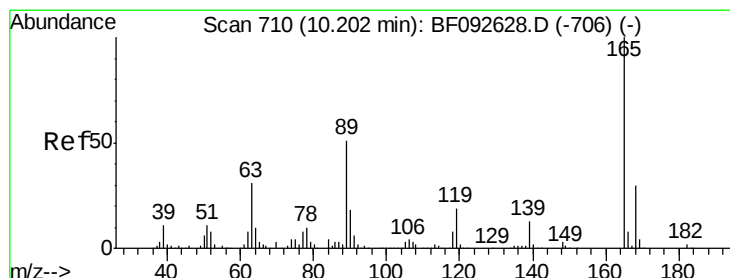
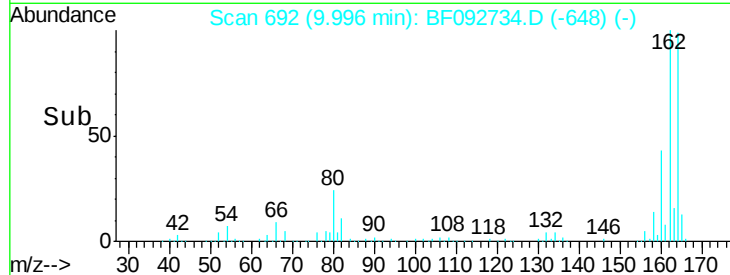
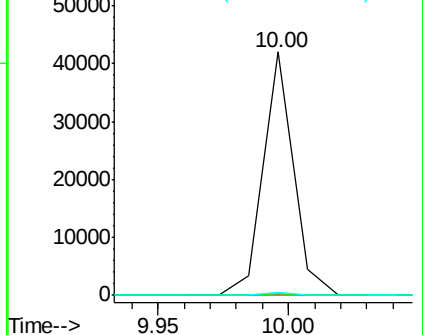
#50
 2,6-Dinitrotoluene
 Concen: 9.02 ng
 RT: 10.00 min Scan# 692
 Delta R.T. 0.21 min
 Lab File: BF092734.D
 Acq: 2 Feb 2017 6:15

Instrument :
 BNA_F
 ClientSampled :
 SS-11

Tgt Ion:165 Resp: 34296
 Ion Ratio Lower Upper
 165 100
 63 0.9 36.2 54.4#
 89 1.1 40.2 60.4#

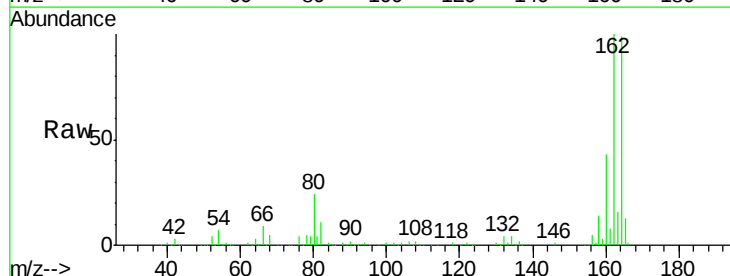


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

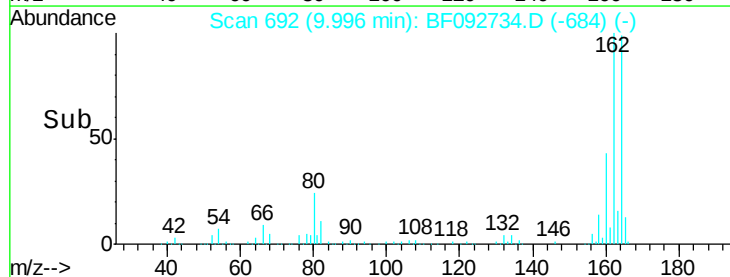
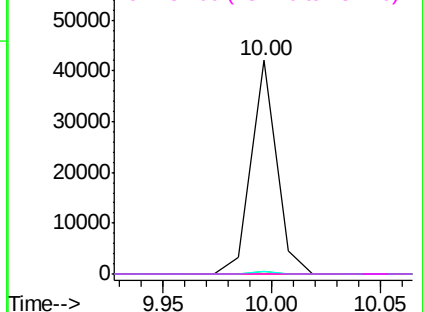


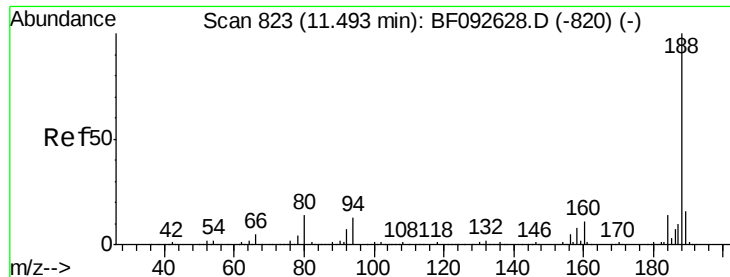
#56
 2,4-Dinitrotoluene
 Concen: 6.78 ng
 RT: 10.00 min Scan# 692
 Delta R.T. -0.21 min
 Lab File: BF092734.D
 Acq: 2 Feb 2017 6:15

Tgt Ion:165 Resp: 34298
 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

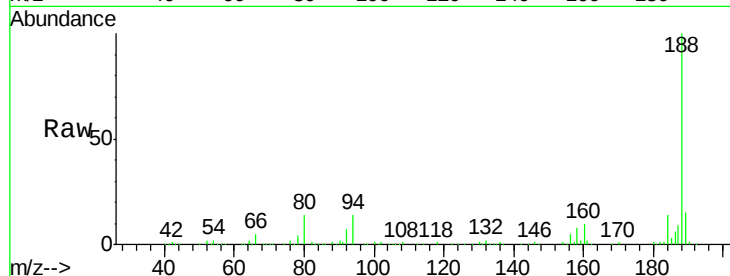




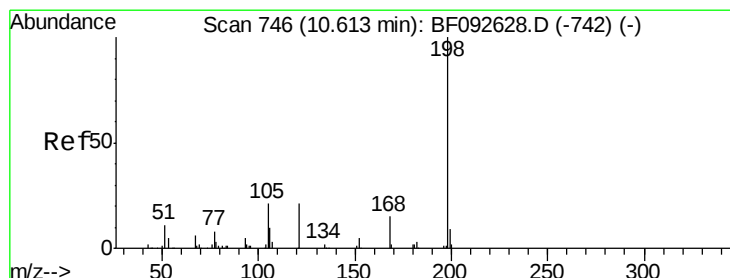
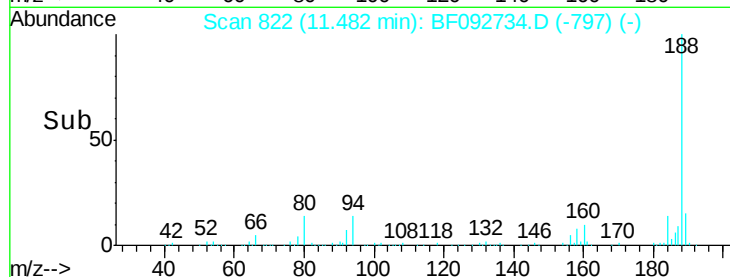
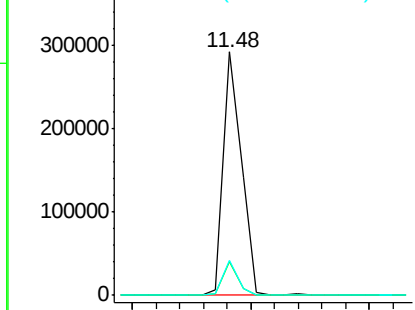
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.48 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BF092734.D
 Acq: 2 Feb 2017 6:15

Instrument :
 BNA_F
 ClientSampleId :
 SS-11

Tgt Ion:188 Resp: 307492
 Ion Ratio Lower Upper
 188 100
 94 13.7 10.0 15.0
 80 14.4 11.2 16.8

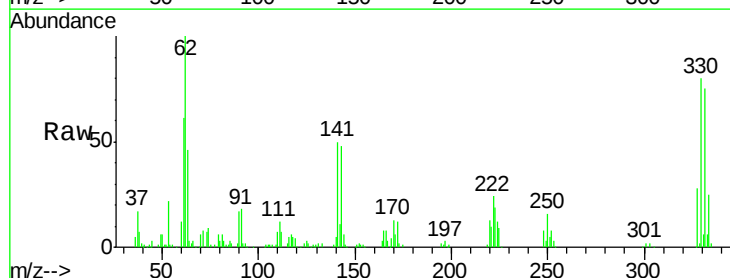


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

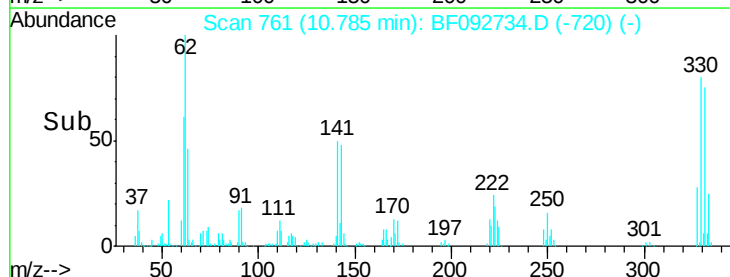
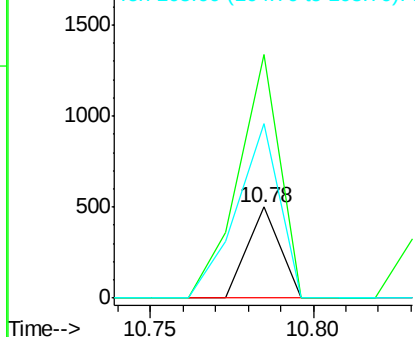


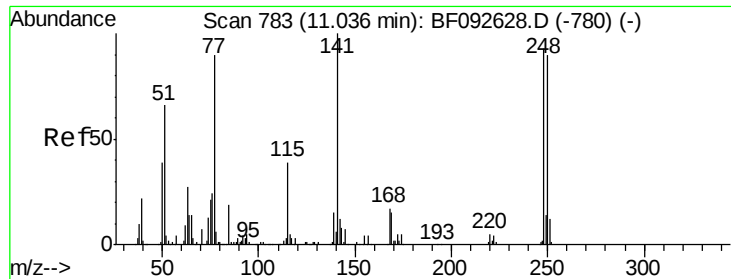
#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.84 ng
 RT: 10.78 min Scan# 761
 Delta R.T. 0.17 min
 Lab File: BF092734.D
 Acq: 2 Feb 2017 6:15

Tgt Ion:198 Resp: 344
 Ion Ratio Lower Upper
 198 100
 51 266.9 6.7 46.7#
 105 191.0 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

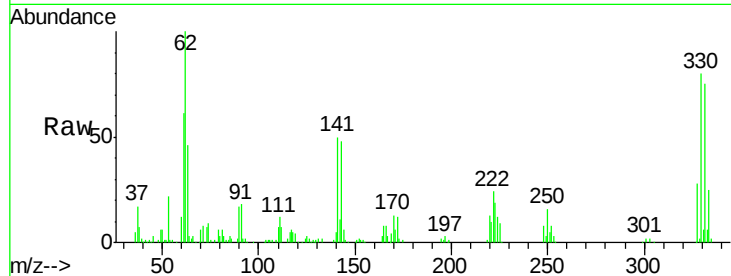




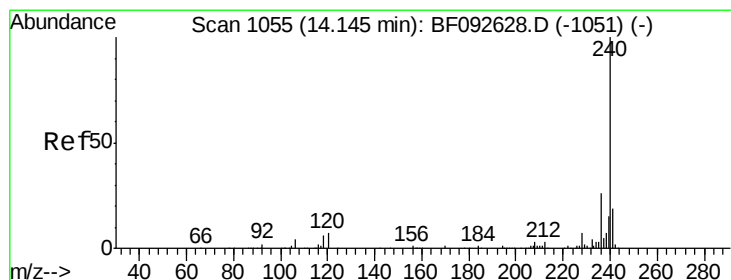
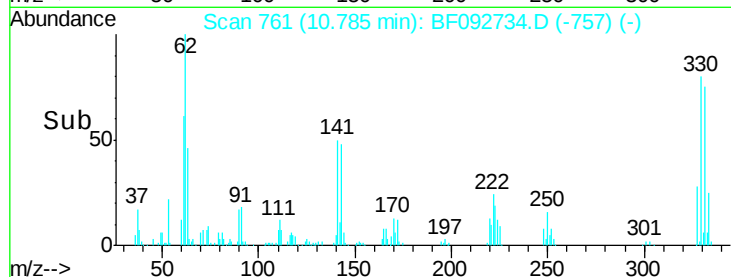
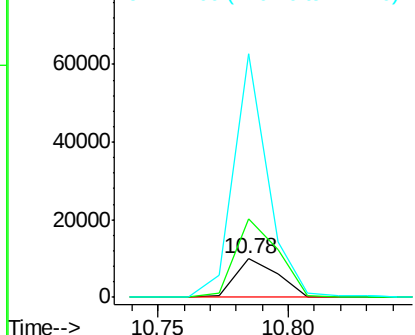
#66
 4-Bromophenyl-phenylether
 Concen: 3.47 ng
 RT: 10.78 min Scan# 761
 Delta R.T. -0.25 min
 Lab File: BF092734.D
 Acq: 2 Feb 2017 6:15

Instrument :
 BNA_F
 ClientSampleId :
 SS-11

Tgt Ion:248 Resp: 11148
 Ion Ratio Lower Upper
 248 100
 250 205.2 76.9 115.3#
 141 633.2 68.2 102.4#

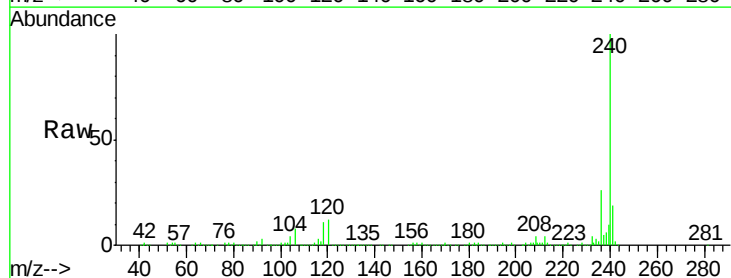


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

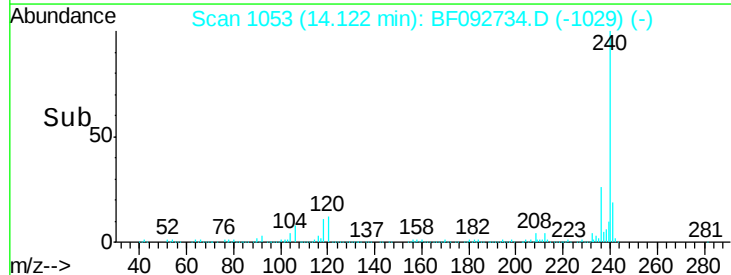
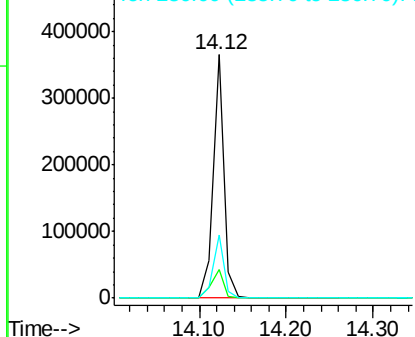


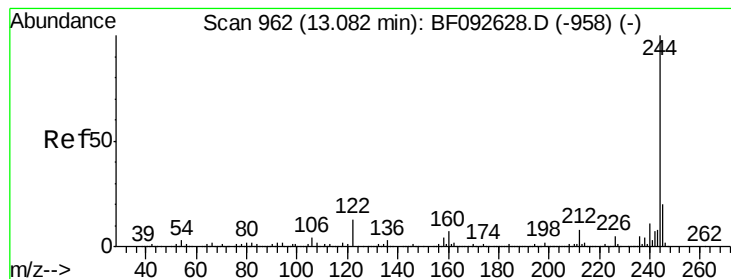
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.12 min Scan# 1053
 Delta R.T. -0.02 min
 Lab File: BF092734.D
 Acq: 2 Feb 2017 6:15

Tgt Ion:240 Resp: 321859
 Ion Ratio Lower Upper
 240 100
 120 11.9 12.9 19.3#
 236 26.0 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: 51.50 ng

RT: 13.07 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF092734.D

Acq: 2 Feb 2017 6:15

Instrument :

BNA_F

ClientSampleId :

SS-11

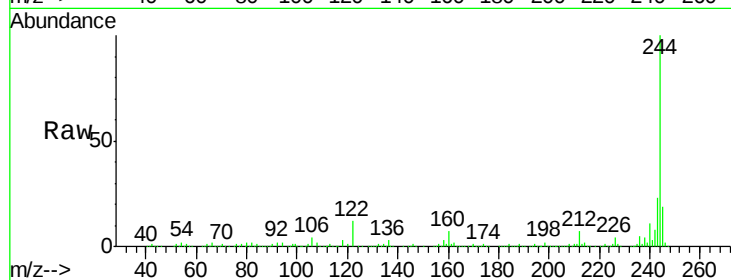
Tgt Ion:244 Resp: 705505

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

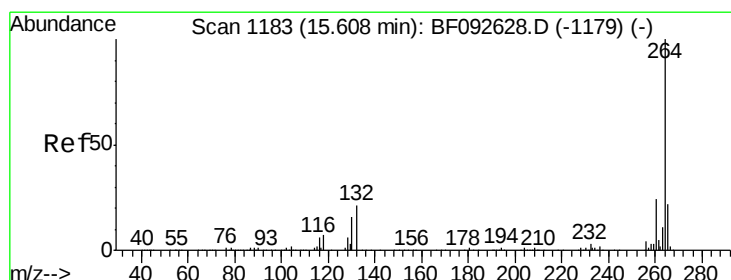
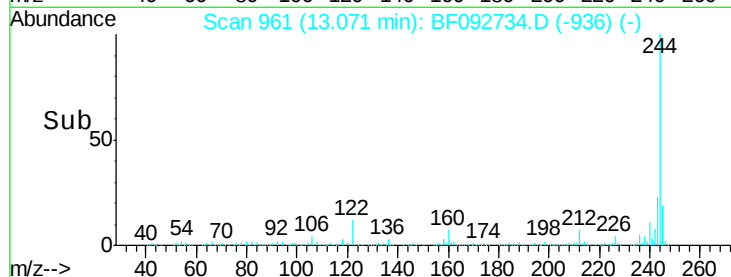
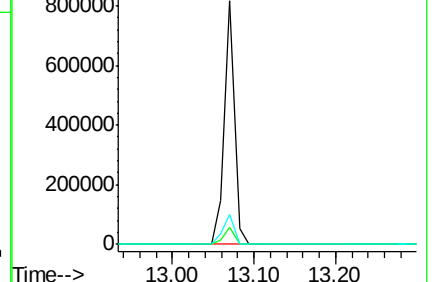
122 12.2 11.4 17.2



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

Perylene-d12

Concen: 20.00 ng

RT: 15.60 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF092734.D

Acq: 2 Feb 2017 6:15

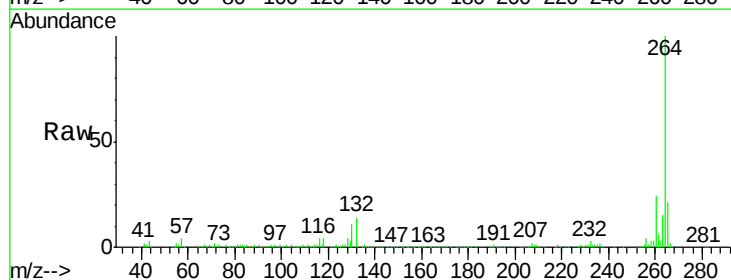
Tgt Ion:264 Resp: 270960

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.1 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

