

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020117\
 Data File : BF092732.D
 Acq On : 2 Feb 2017 5:21
 Operator : SJ/MA
 Sample : I1615-09
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-9

Quant Time: Feb 02 05:58:04 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

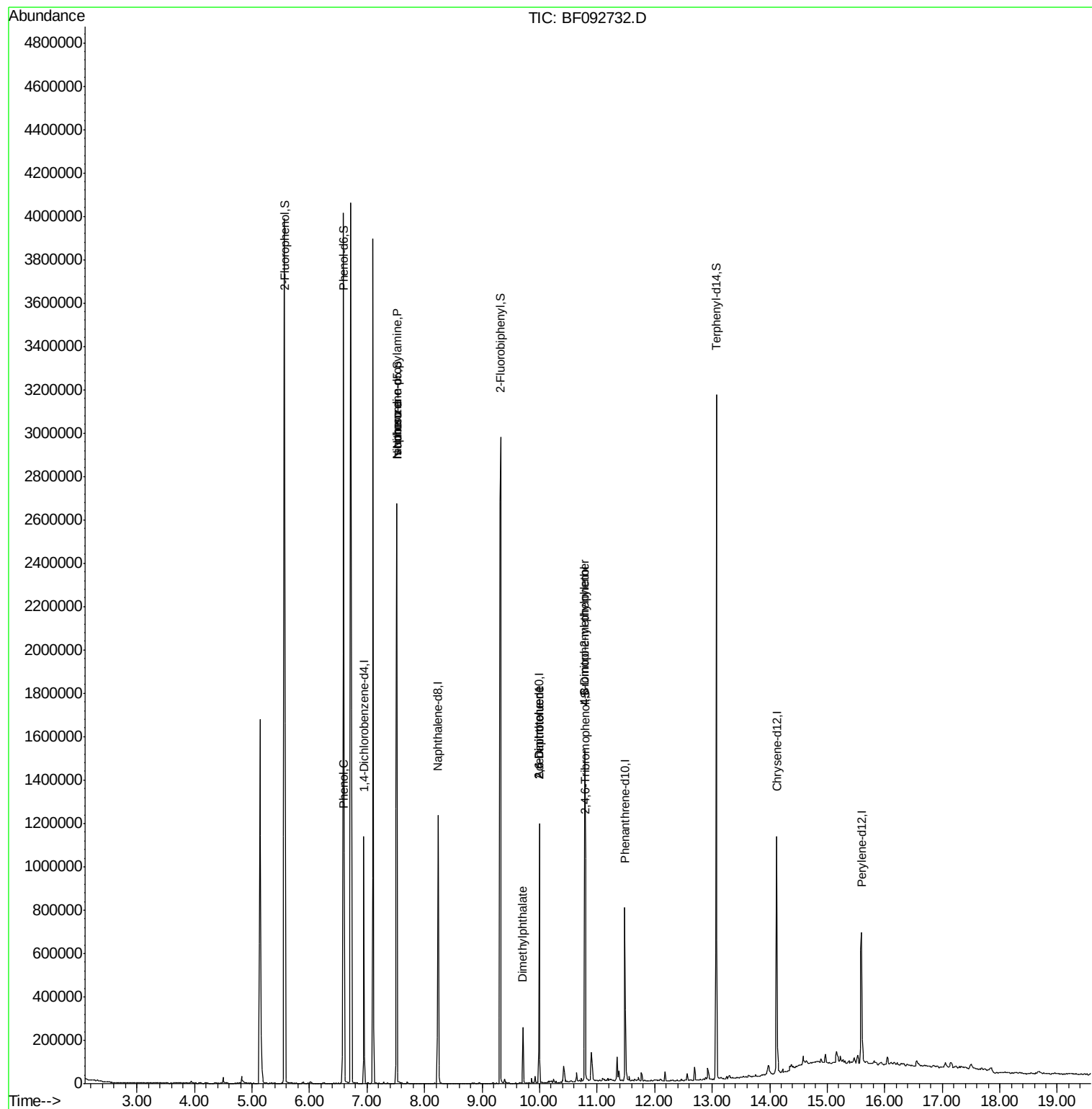
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	152215	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	527942	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	237361	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	323529	20.00	ng	-0.01
75) Chrysene-d12	14.12	240	346259	20.00	ng	-0.02
86) Perylene-d12	15.60	264	317216	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1346265	151.74	ng	-0.01
7) Phenol-d6	6.59	99	1552975	136.04	ng	-0.01
23) Nitrobenzene-d5	7.52	82	953128	100.54	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	242042	140.99	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1441356	110.01	ng	-0.01
78) Terphenyl-d14	13.07	244	987365	67.00	ng	-0.01
Target Compounds						
10) Phenol	6.60	94	155198	11.62	ng	# 72
19) n-Nitroso-di-n-propylamine	7.52	70	127311	17.52	ng	# 80
25) Isophorone	7.52	82	934112	52.88	ng	# 65
49) Dimethylphthalate	9.71	163	98308	6.15	ng	100
50) 2,6-Dinitrotoluene	10.00	165	30751	8.91	ng	# 29
56) 2,4-Dinitrotoluene	10.00	165	30754	6.69	ng	# 18
64) 4,6-Dinitro-2-methylphenol	10.78	198	541	2.93	ng	# 1
66) 4-Bromophenyl-phenylether	10.78	248	16941	5.01	ng	# 1

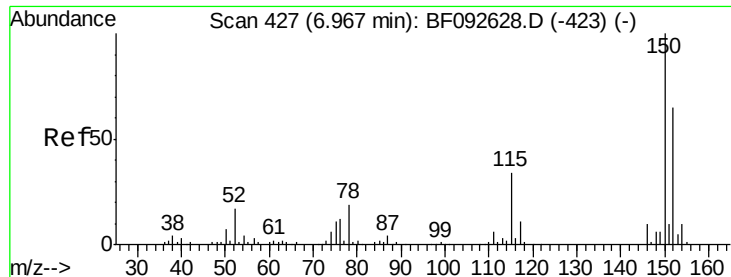
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF092732.D

Acq: 2 Feb 2017 5:21

Instrument :

BNA_F

ClientSampleId :

SS-9

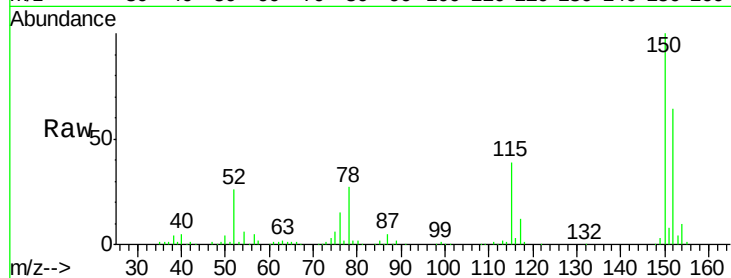
Tgt Ion:152 Resp: 152215

Ion Ratio Lower Upper

152 100

150 156.3 124.9 187.3

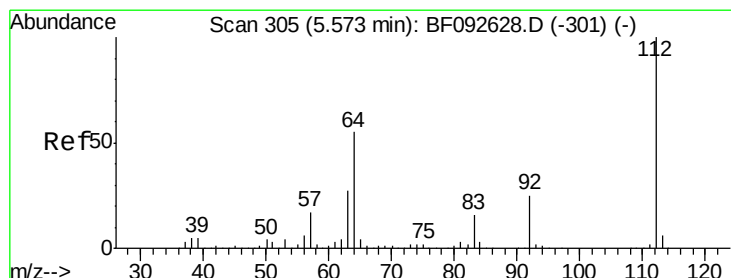
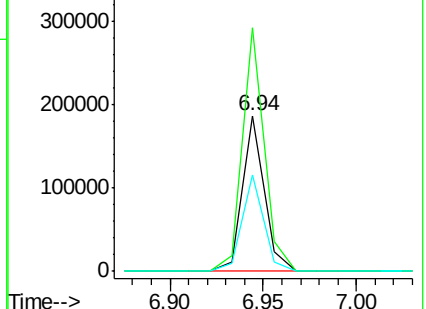
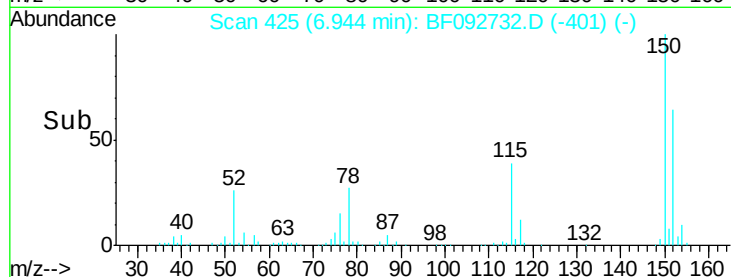
115 61.7 46.0 69.0



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: 151.74 ng

RT: 5.56 min Scan# 304

Delta R.T. -0.01 min

Lab File: BF092732.D

Acq: 2 Feb 2017 5:21

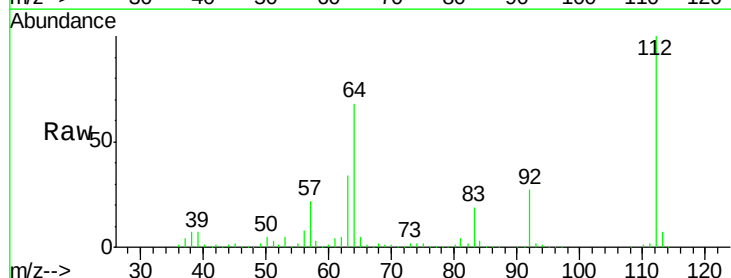
Tgt Ion:112 Resp: 1346265

Ion Ratio Lower Upper

112 100

64 68.2 46.1 69.1

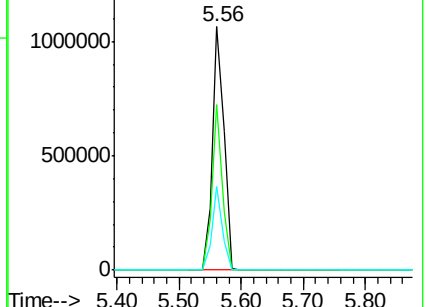
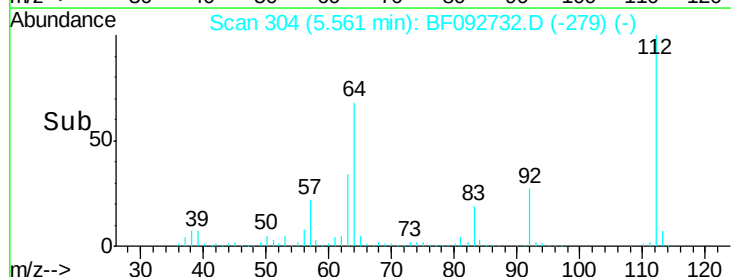
63 34.4 23.8 35.6

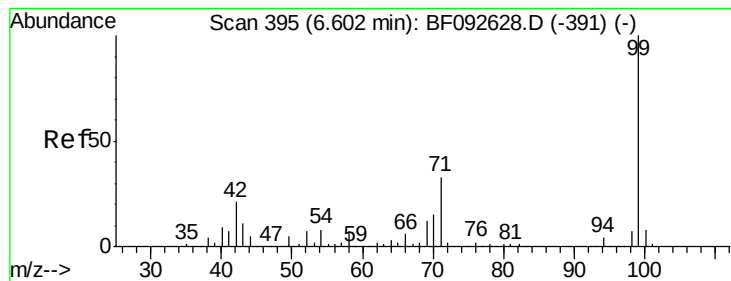


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 136.04 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092732.D

Acq: 2 Feb 2017 5:21

Instrument :

BNA_F

ClientSampleId :

SS-9

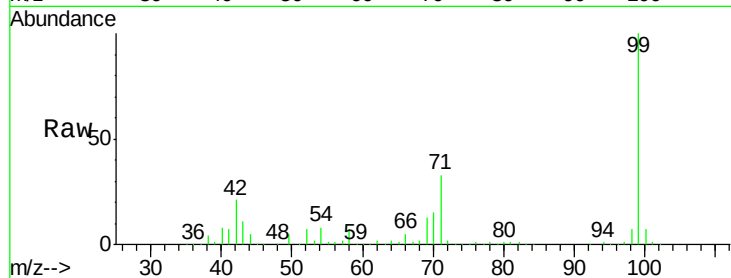
Tgt Ion: 99 Resp: 1552975

Ion Ratio Lower Upper

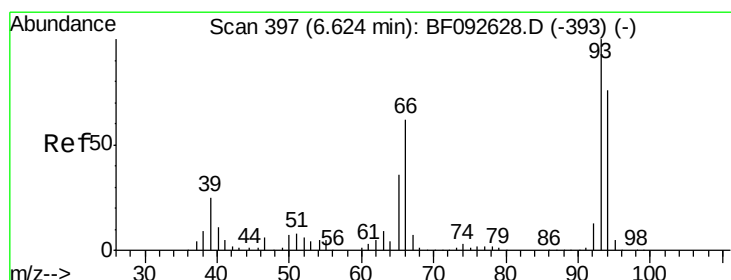
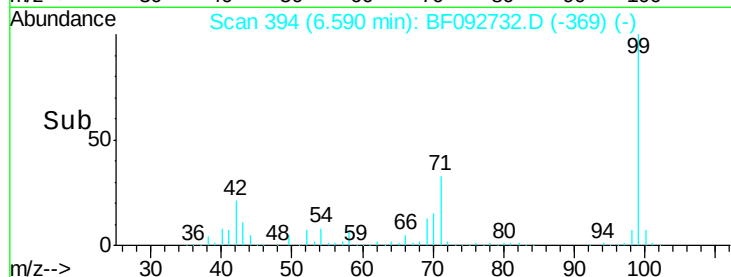
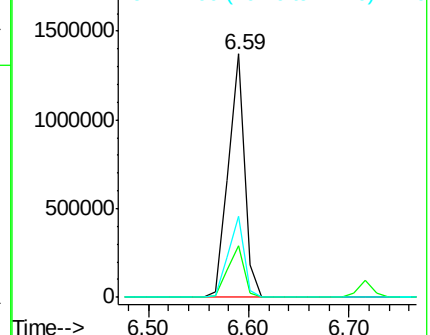
99 100

42 21.3 15.6 23.4

71 33.4 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: 11.62 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF092732.D

Acq: 2 Feb 2017 5:21

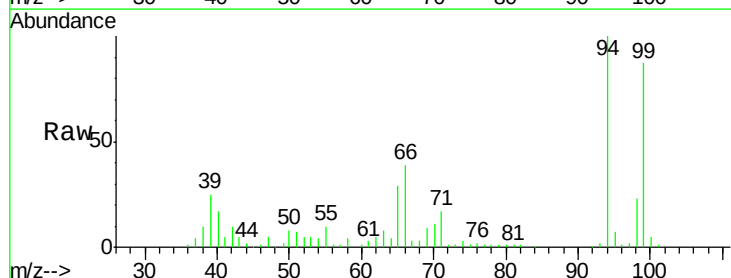
Tgt Ion: 94 Resp: 155198

Ion Ratio Lower Upper

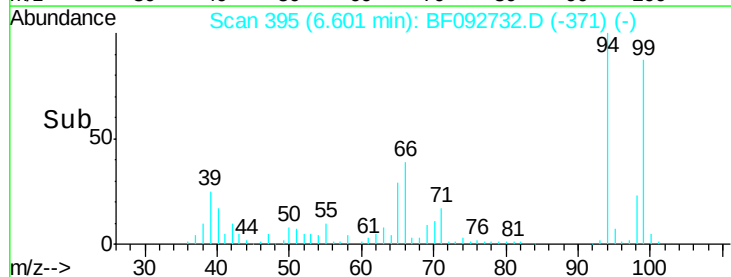
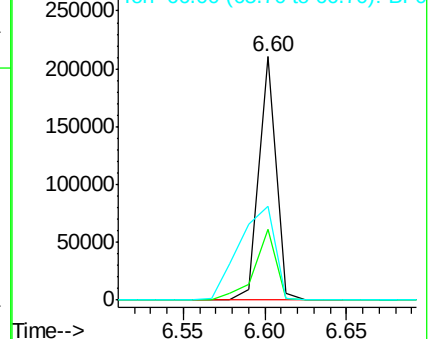
94 100

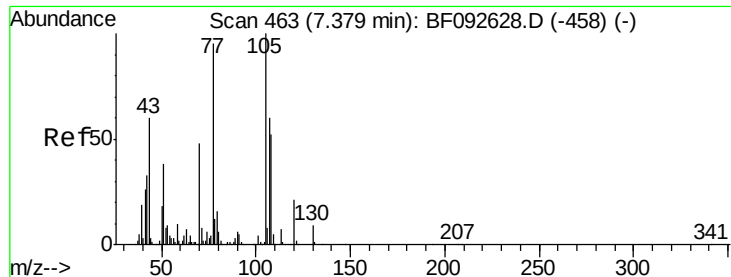
65 28.9 21.4 61.4

66 38.6 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

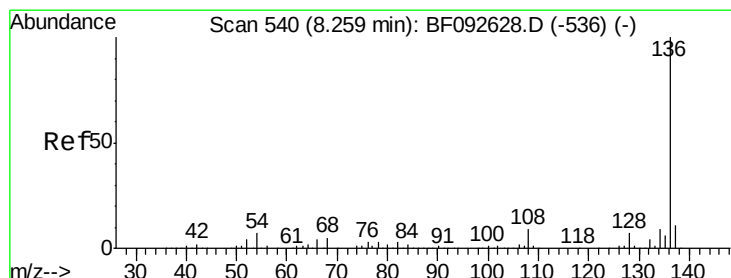
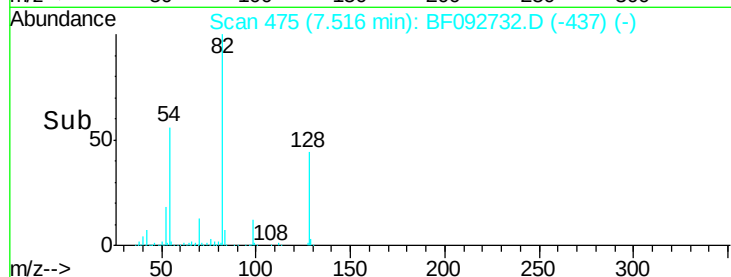
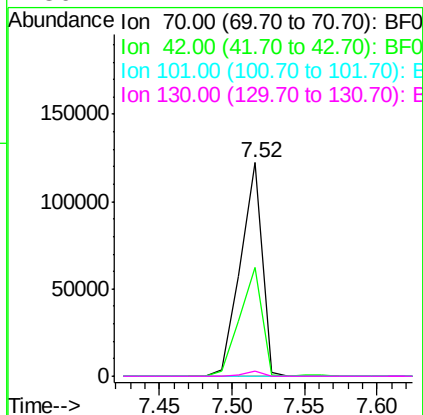
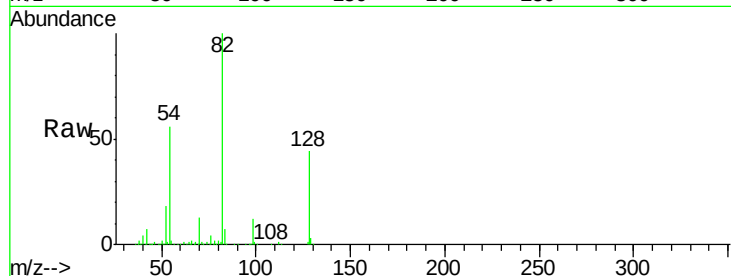




#19
n-Nitroso-di-n-propylamine
Concen: 17.52 ng
RT: 7.52 min Scan# 475
Delta R.T. 0.14 min
Lab File: BF092732.D
Acq: 2 Feb 2017 5:21

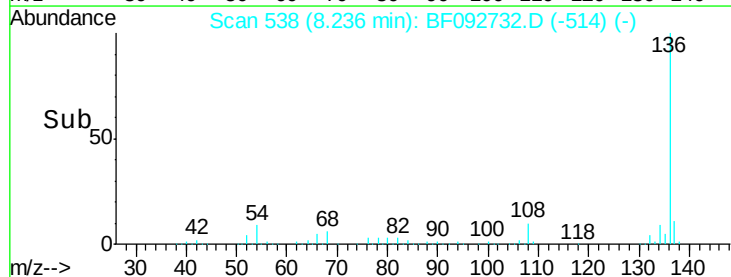
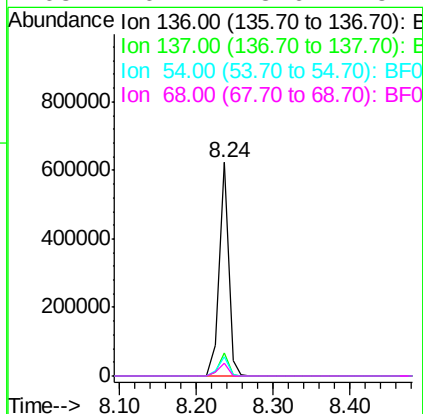
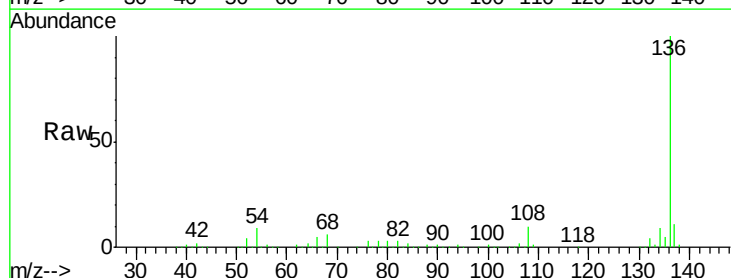
Instrument :
BNA_F
ClientSampleId :
SS-9

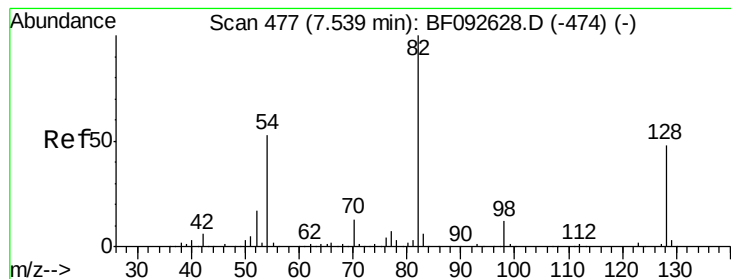
Tgt Ion: 70 Resp: 127311
Ion Ratio Lower Upper
70 100
42 50.8 49.4 74.0
101 0.0 7.4 11.2#
130 2.1 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF092732.D
Acq: 2 Feb 2017 5:21

Tgt Ion: 136 Resp: 527942
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 9.1 4.5 6.7#
68 6.2 3.6 5.4#





#23

Nitrobenzene-d5

Concen: 100.54 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.02 min

Lab File: BF092732.D

Acq: 2 Feb 2017 5:21

Instrument :

BNA_F

ClientSampled :

SS-9

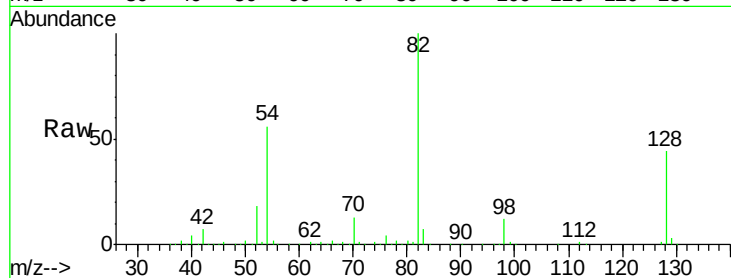
Tgt Ion: 82 Resp: 953128

Ion Ratio Lower Upper

82 100

128 43.9 34.6 52.0

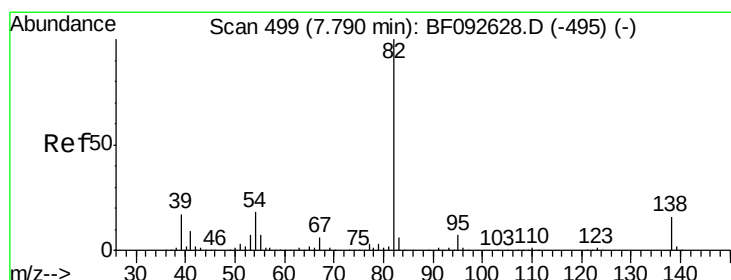
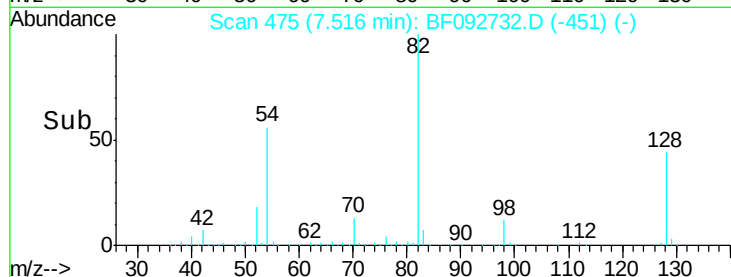
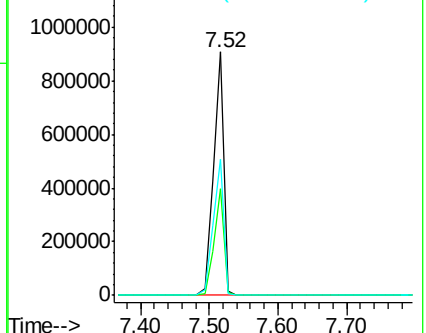
54 56.1 39.5 59.3



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: 52.88 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.27 min

Lab File: BF092732.D

Acq: 2 Feb 2017 5:21

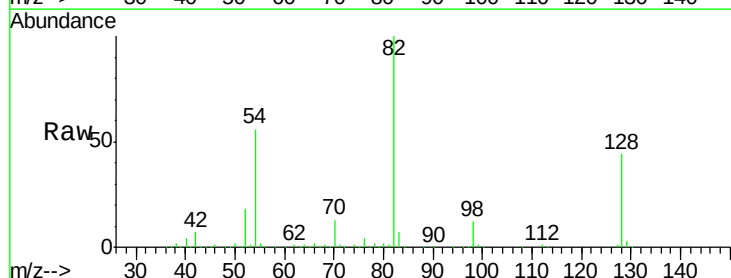
Tgt Ion: 82 Resp: 934112

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

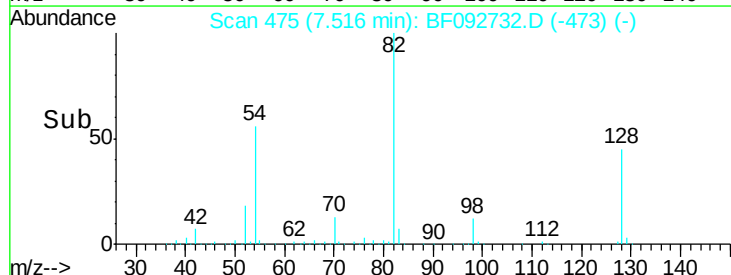
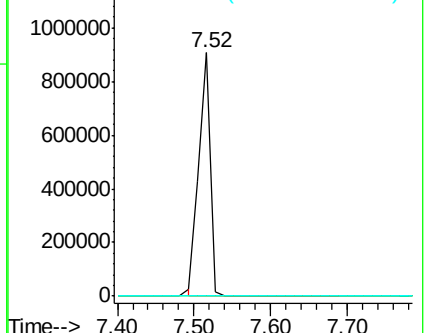
138 0.0 14.6 22.0#

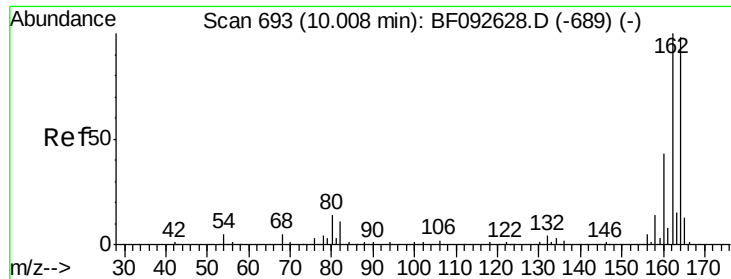


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

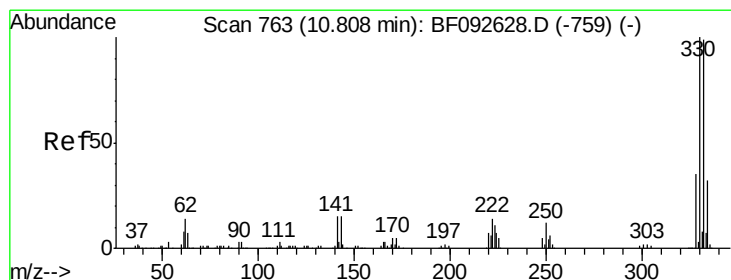
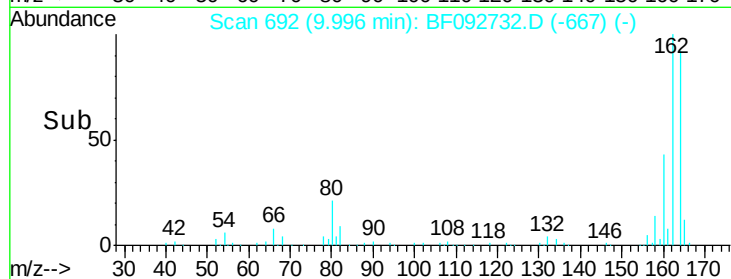
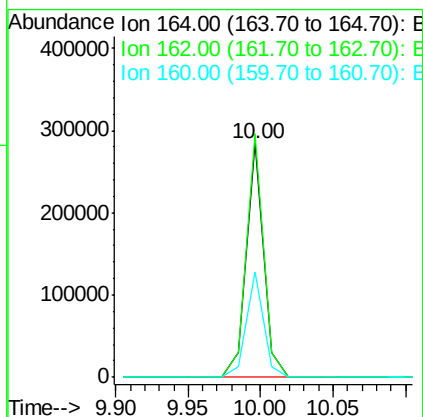
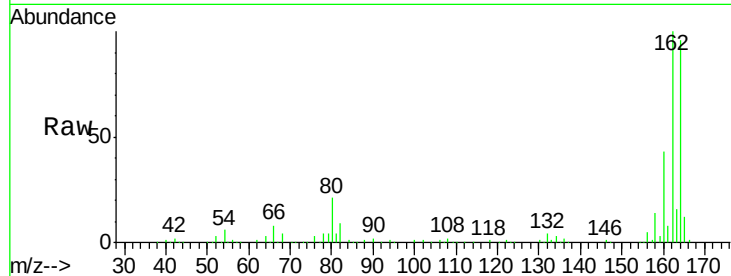




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.00 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BF092732.D
 Acq: 2 Feb 2017 5:21

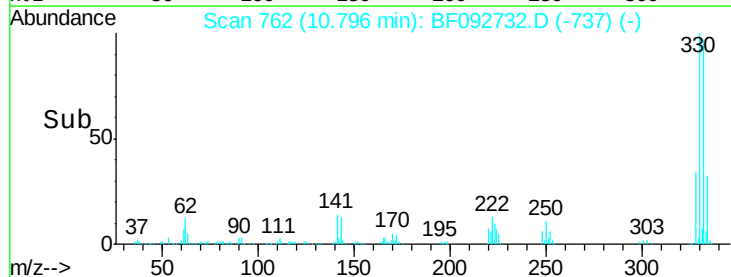
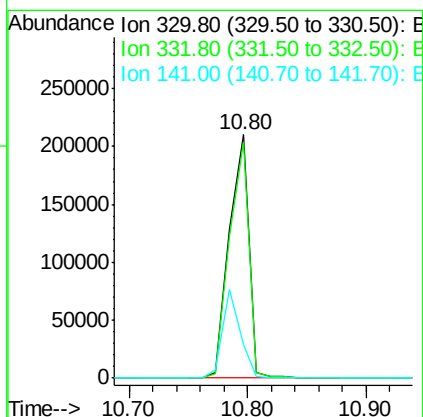
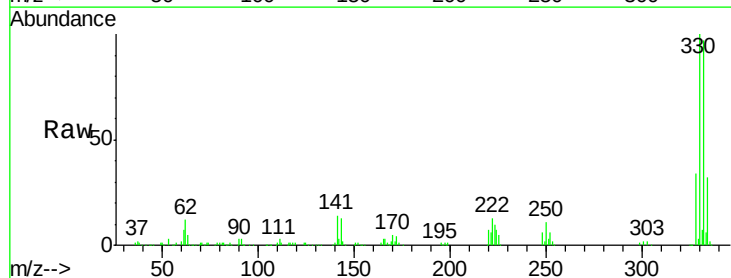
Instrument :
 BNA_F
 ClientSampleId :
 SS-9

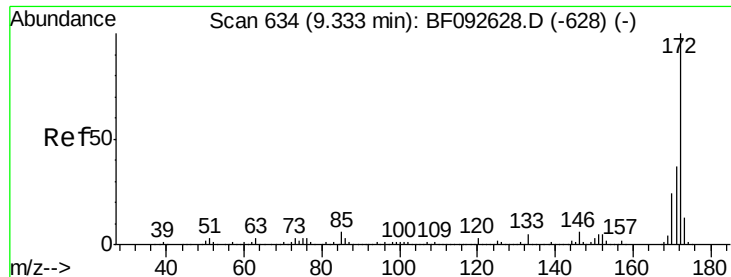
Tgt Ion:164 Resp: 237361
 Ion Ratio Lower Upper
 164 100
 162 103.8 80.2 120.2
 160 45.0 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 140.99 ng
 RT: 10.80 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF092732.D
 Acq: 2 Feb 2017 5:21

Tgt Ion:330 Resp: 242042
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.4 116.2
 141 32.8 34.1 51.1#





#44

2-Fluorobiphenyl

Concen: 110.01 ng

RT: 9.32 min Scan# 633

Delta R.T. -0.01 min

Lab File: BF092732.D

Acq: 2 Feb 2017 5:21

Instrument :

BNA_F

ClientSampled :

SS-9

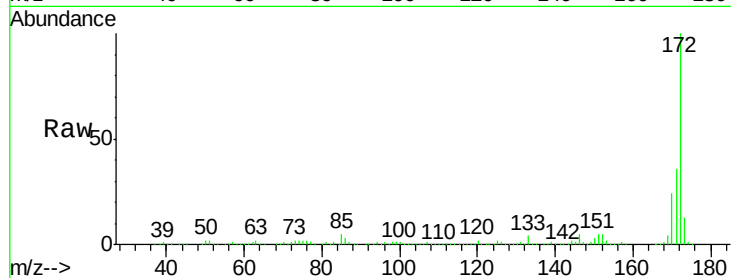
Tgt Ion:172 Resp: 1441356

Ion Ratio Lower Upper

172 100

171 36.4 29.4 44.0

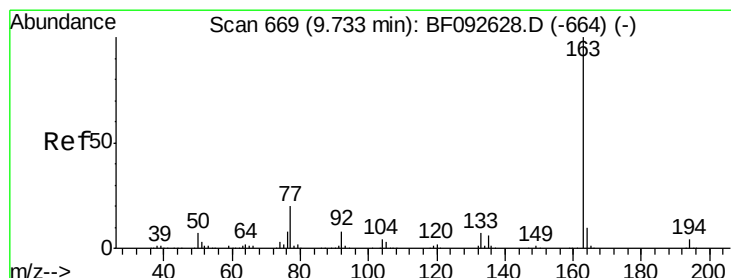
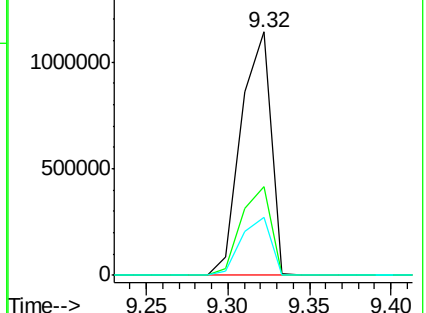
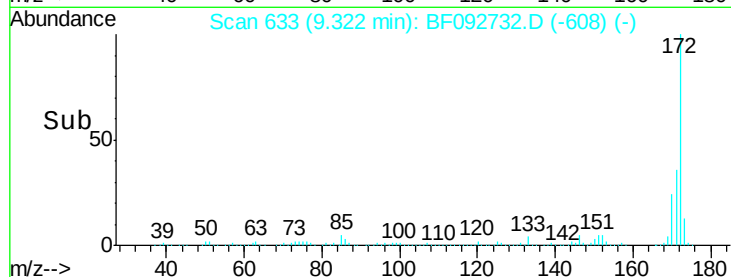
170 24.0 20.2 30.4



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: 6.15 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.02 min

Lab File: BF092732.D

Acq: 2 Feb 2017 5:21

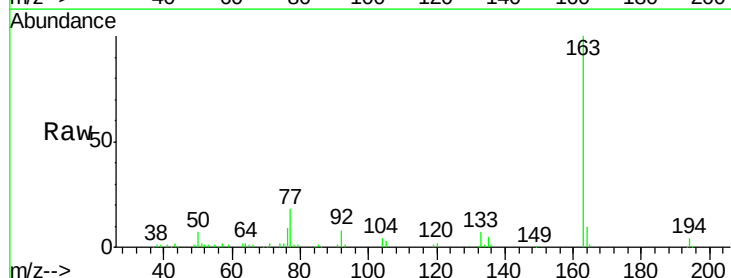
Tgt Ion:163 Resp: 98308

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

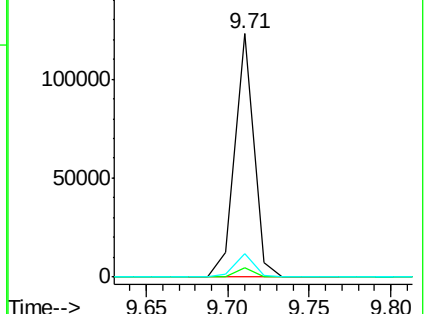
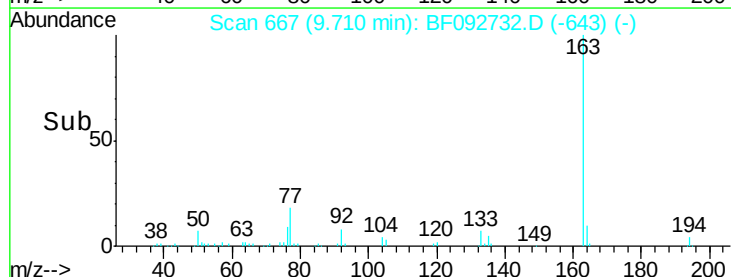
164 9.8 8.0 12.0

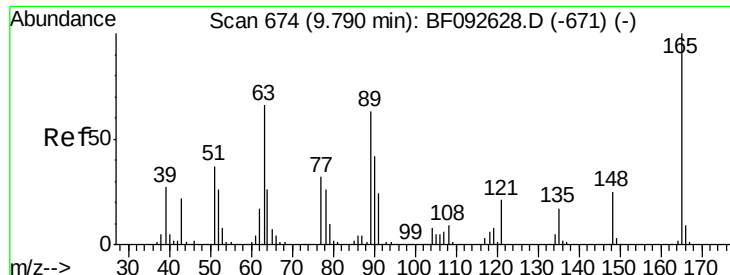


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

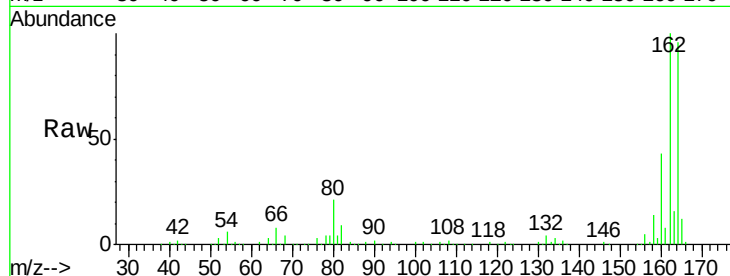




#50
 2,6-Dinitrotoluene
 Concen: 8.91 ng
 RT: 10.00 min Scan# 692
 Delta R.T. 0.21 min
 Lab File: BF092732.D
 Acq: 2 Feb 2017 5:21

Instrument :
 BNA_F
 ClientSampleId :
 SS-9

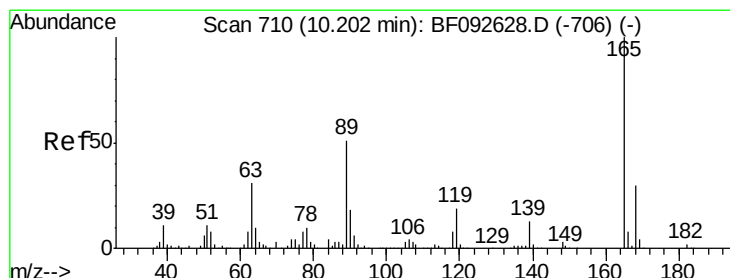
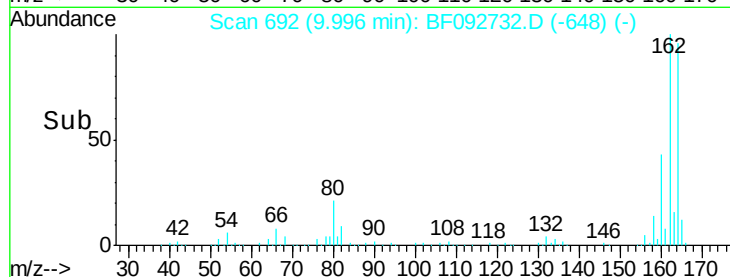
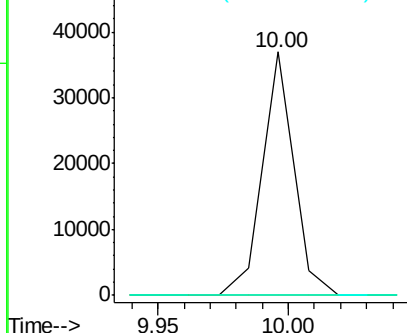
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.2	54.4#
89	0.0	40.2	60.4#



Abundance Ion 165.00 (164.70 to 165.70): E

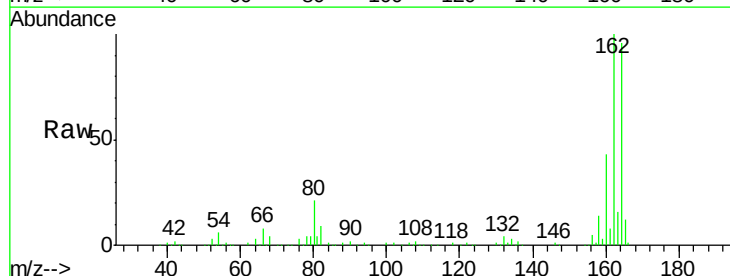
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.69 ng
 RT: 10.00 min Scan# 692
 Delta R.T. -0.21 min
 Lab File: BF092732.D
 Acq: 2 Feb 2017 5:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.2	60.4#
89	0.0	62.5	93.7#
182	0.0	1.8	2.8#

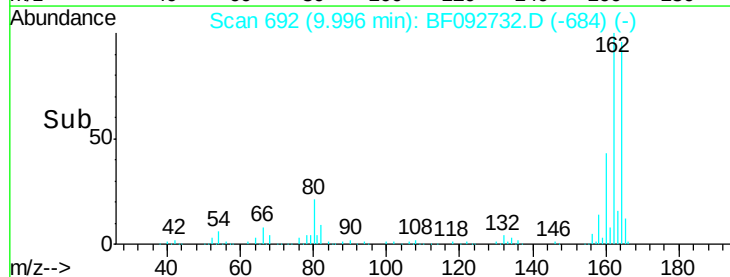
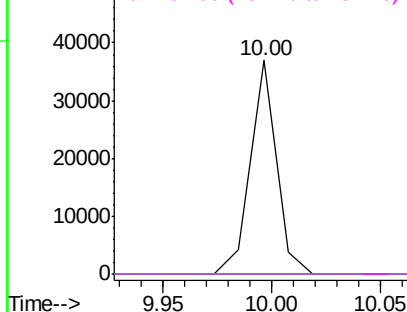


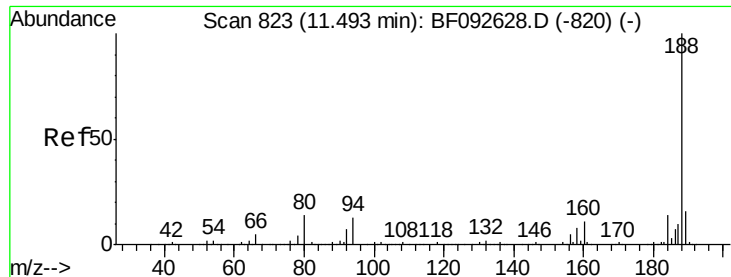
Abundance Ion 165.00 (164.70 to 165.70): E

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

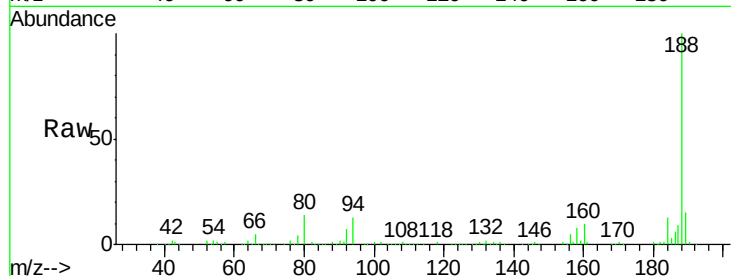




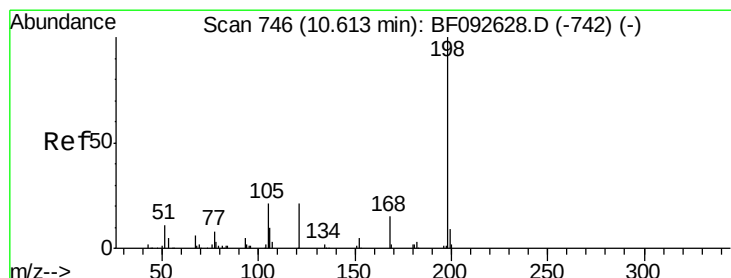
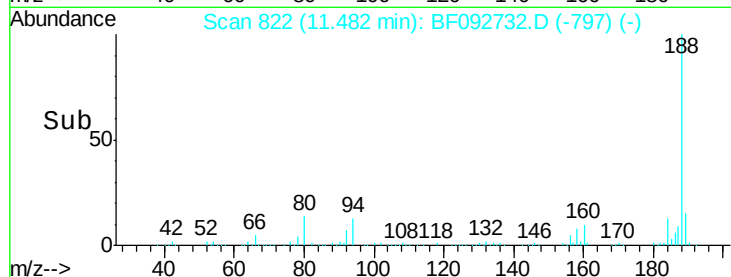
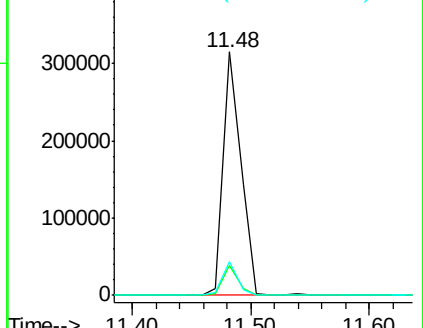
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.48 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BF092732.D
 Acq: 2 Feb 2017 5:21

Instrument :
 BNA_F
 ClientSampleId :
 SS-9

Tgt Ion:188 Resp: 323529
 Ion Ratio Lower Upper
 188 100
 94 12.5 10.0 15.0
 80 13.6 11.2 16.8

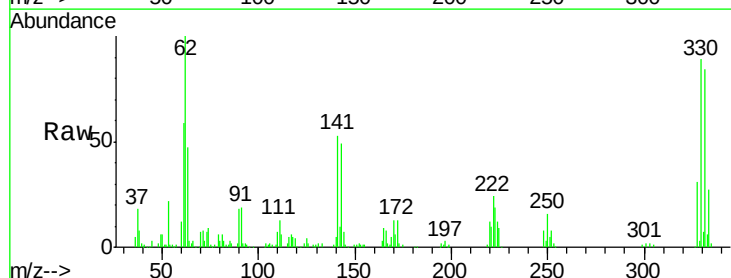


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

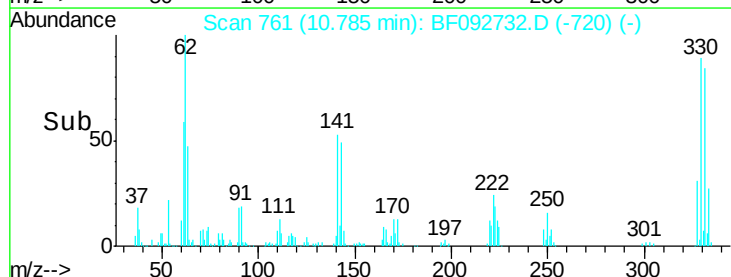
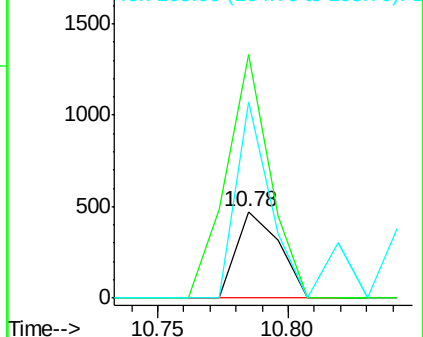


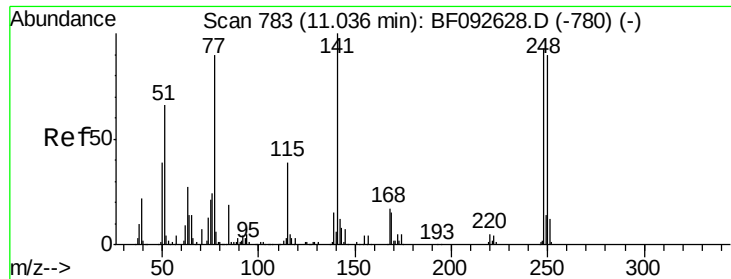
#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.93 ng
 RT: 10.78 min Scan# 761
 Delta R.T. 0.17 min
 Lab File: BF092732.D
 Acq: 2 Feb 2017 5:21

Tgt Ion:198 Resp: 541
 Ion Ratio Lower Upper
 198 100
 51 282.6 6.7 46.7#
 105 228.0 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

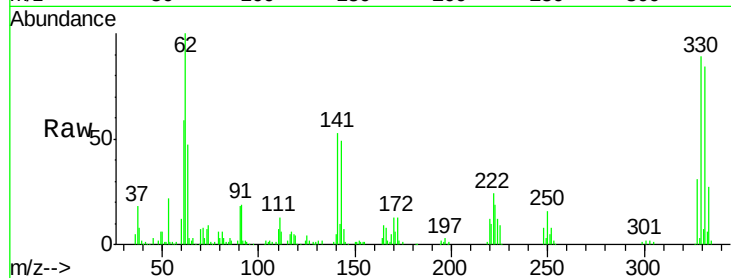




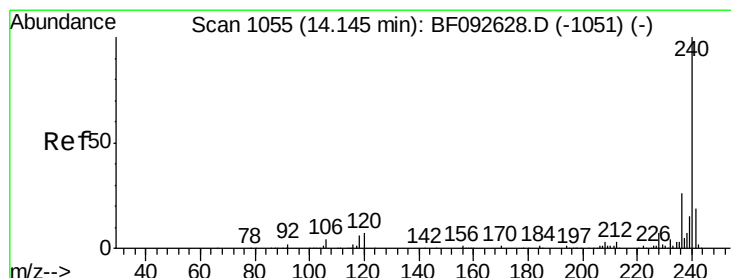
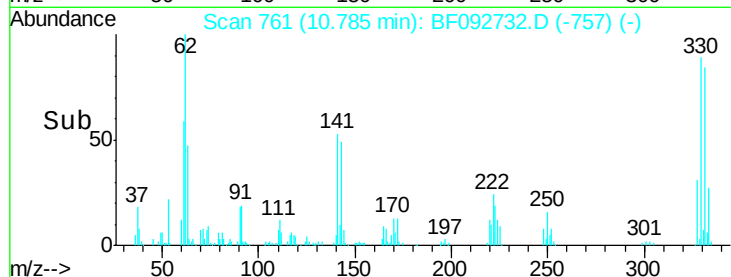
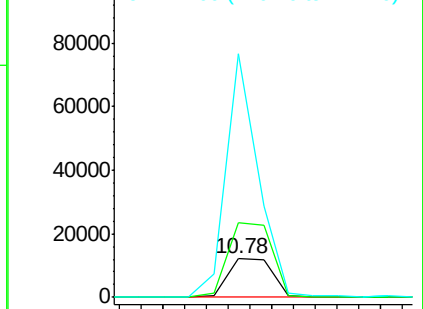
#66
4-Bromophenyl-phenylether
Concen: 5.01 ng
RT: 10.78 min Scan# 761
Delta R.T. -0.25 min
Lab File: BF092732.D
Acq: 2 Feb 2017 5:21

Instrument :
BNA_F
ClientSampled :
SS-9

Tgt Ion:248 Resp: 16941
Ion Ratio Lower Upper
248 100
250 197.1 76.9 115.3#
141 637.6 68.2 102.4#

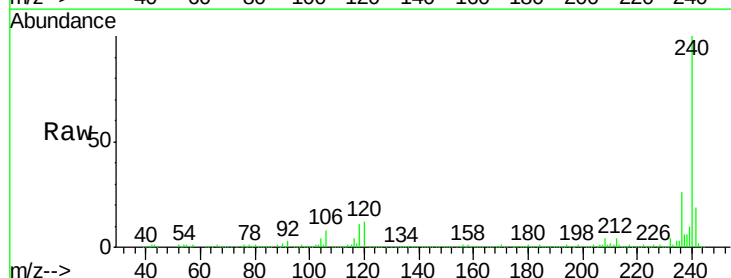


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

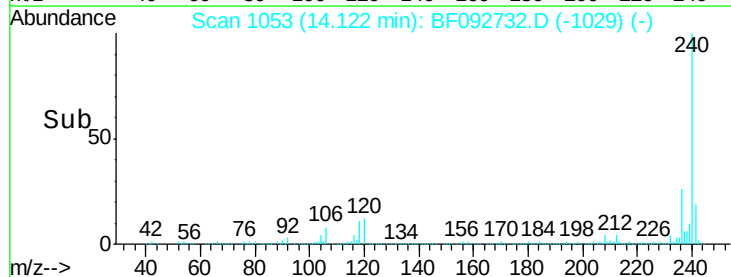
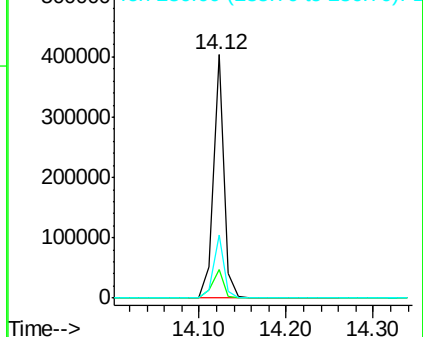


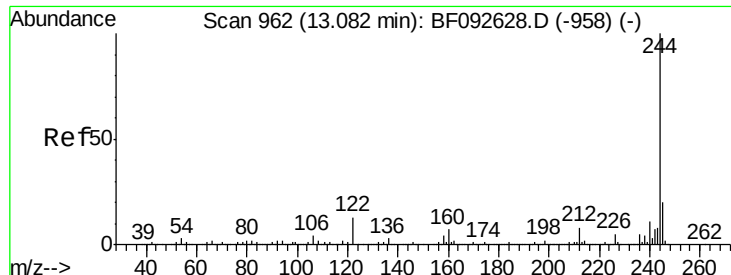
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.12 min Scan# 1053
Delta R.T. -0.02 min
Lab File: BF092732.D
Acq: 2 Feb 2017 5:21

Tgt Ion:240 Resp: 346259
Ion Ratio Lower Upper
240 100
120 11.9 12.9 19.3#
236 25.9 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

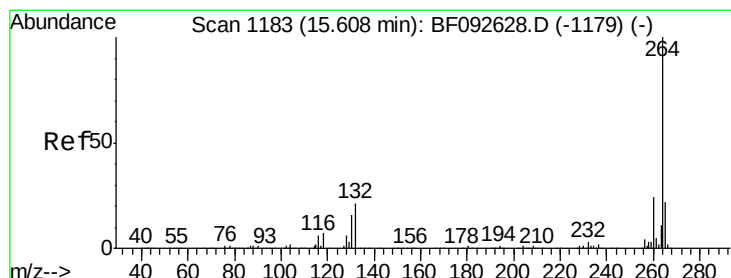
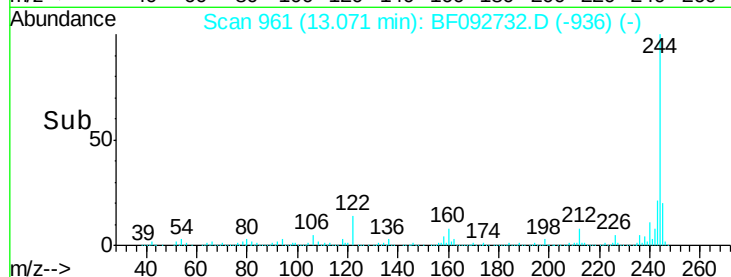
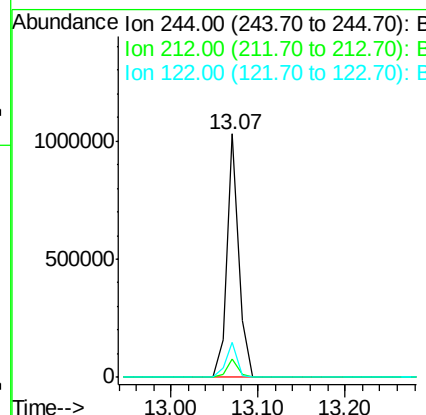
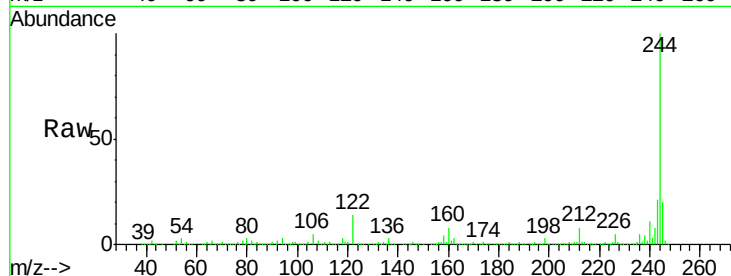




#78
 Terphenyl-d14
 Concen: 67.00 ng
 RT: 13.07 min Scan# 961
 Delta R.T. -0.01 min
 Lab File: BF092732.D
 Acq: 2 Feb 2017 5:21

Instrument :
 BNA_F
 ClientSampleId :
 SS-9

Tgt Ion:244 Resp: 987365
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 14.1 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.60 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF092732.D
 Acq: 2 Feb 2017 5:21

Tgt Ion:264 Resp: 317216
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.1 17.4 26.0

