

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020217\
 Data File : BF092751.D
 Acq On : 2 Feb 2017 22:37
 Operator : SJ/MA
 Sample : I1650-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-43-COMP

Quant Time: Feb 02 23:59:04 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

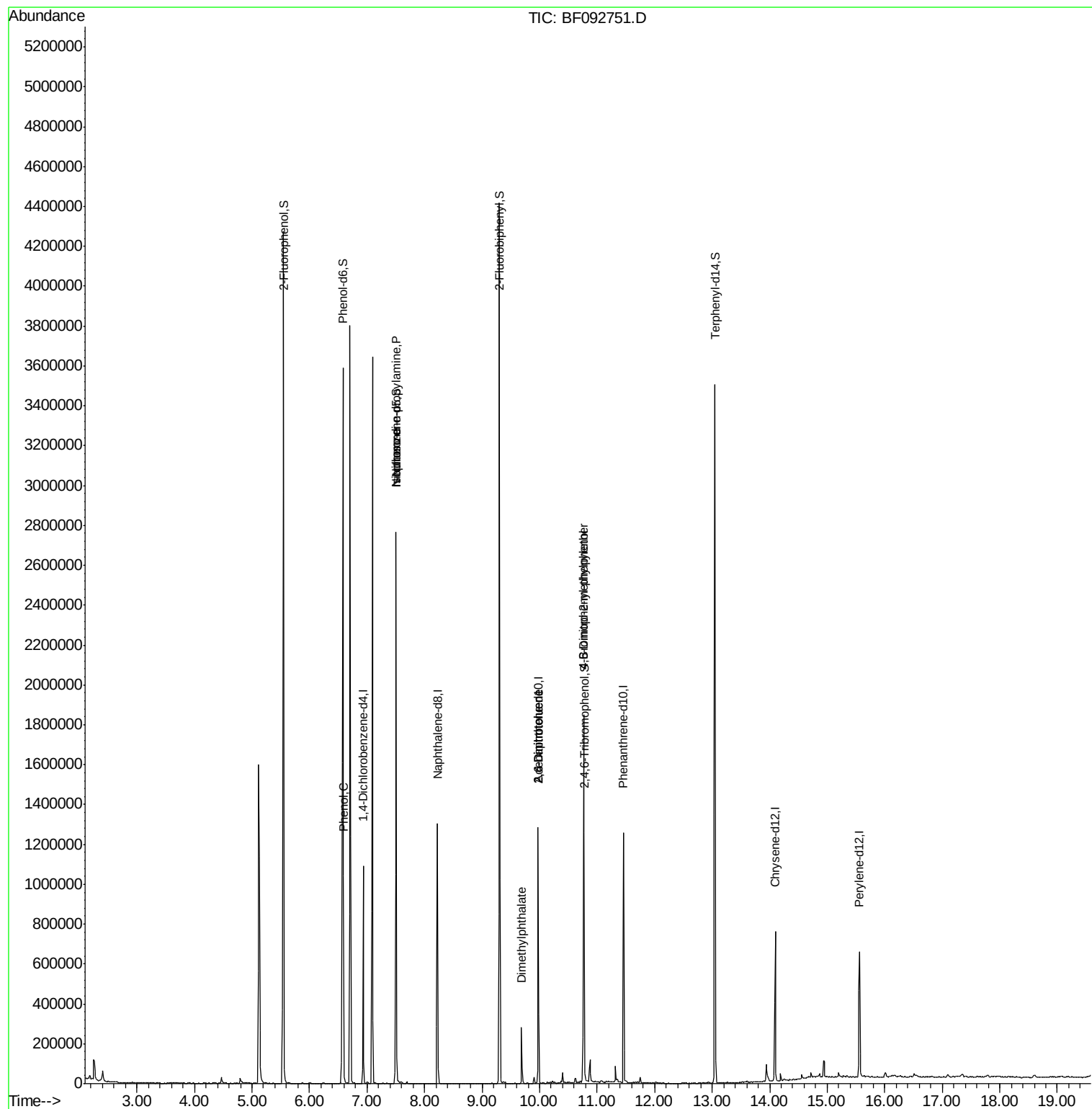
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	147002	20.00	ng	-0.03
21) Naphthalene-d8	8.22	136	579933	20.00	ng	-0.03
38) Acenaphthene-d10	9.97	164	279213	20.00	ng	-0.03
63) Phenanthrene-d10	11.46	188	437319	20.00	ng	-0.03
75) Chrysene-d12	14.10	240	305195	20.00	ng	-0.05
86) Perylene-d12	15.56	264	300791	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1456189	169.95	ng	-0.02
7) Phenol-d6	6.58	99	1423069	129.08	ng	-0.02
23) Nitrobenzene-d5	7.50	82	938359	90.10	ng	-0.03
41) 2,4,6-Tribromophenol	10.77	330	307130	152.09	ng	-0.03
44) 2-Fluorobiphenyl	9.30	172	1502551	97.49	ng	-0.03
78) Terphenyl-d14	13.05	244	1126659	86.74	ng	-0.03
Target Compounds						
10) Phenol	6.59	94	118952	9.22	ng	# 78
19) n-Nitroso-di-n-propylamine	7.50	70	123081	17.54	ng	# 82
25) Isophorone	7.50	82	926519	47.74	ng	# 65
49) Dimethylphthalate	9.69	163	121676	6.47	ng	# 99
50) 2,6-Dinitrotoluene	9.97	165	35975	8.86	ng	# 30
56) 2,4-Dinitrotoluene	9.97	165	35977	6.65	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.76	198	695	2.92	ng	# 1
66) 4-Bromophenyl-phenylether	10.76	248	20676	4.53	ng	# 1

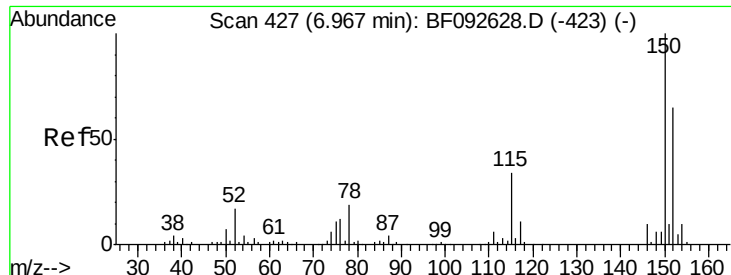
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.03 min

Lab File: BF092751.D

Acq: 2 Feb 2017 22:37

Instrument :

BNA_F

ClientSampleId :

SB-43-COMP

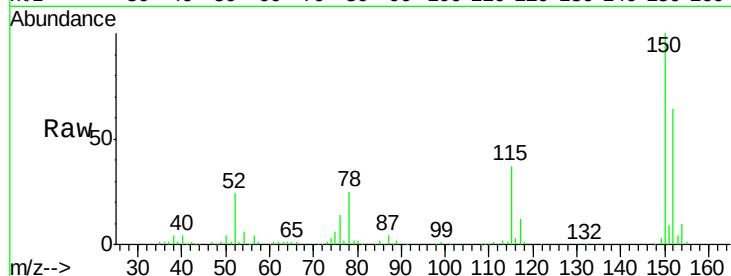
Tgt Ion:152 Resp: 147002

Ion Ratio Lower Upper

152 100

150 157.0 124.9 187.3

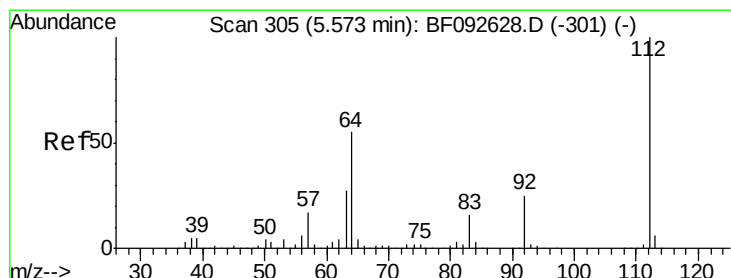
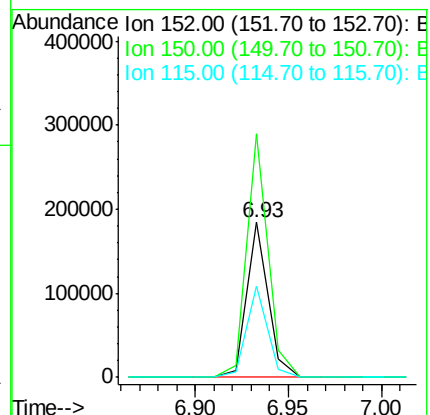
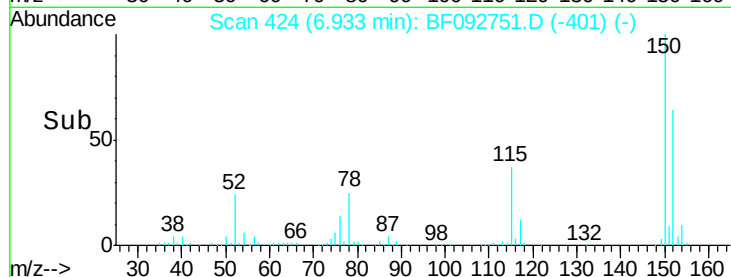
115 58.6 46.0 69.0



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: 169.95 ng

RT: 5.55 min Scan# 303

Delta R.T. -0.02 min

Lab File: BF092751.D

Acq: 2 Feb 2017 22:37

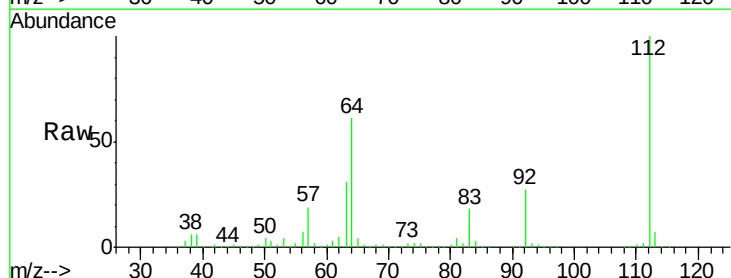
Tgt Ion:112 Resp: 1456189

Ion Ratio Lower Upper

112 100

64 61.2 46.1 69.1

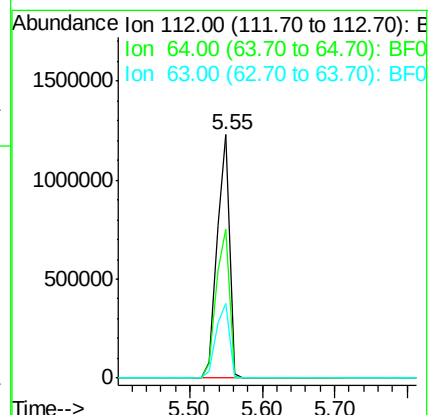
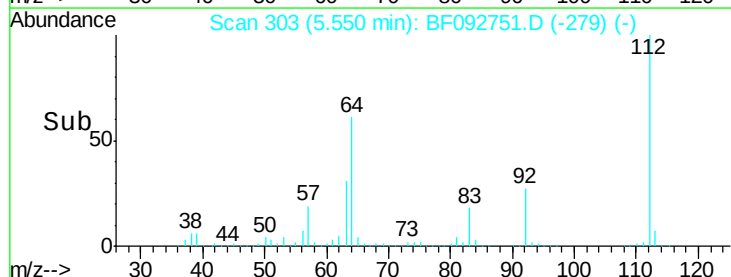
63 30.9 23.8 35.6

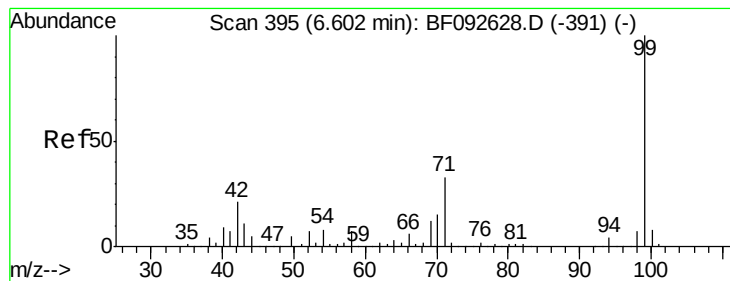


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 129.08 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.02 min

Lab File: BF092751.D

Acq: 2 Feb 2017 22:37

Instrument :

BNA_F

ClientSampleId :

SB-43-COMP

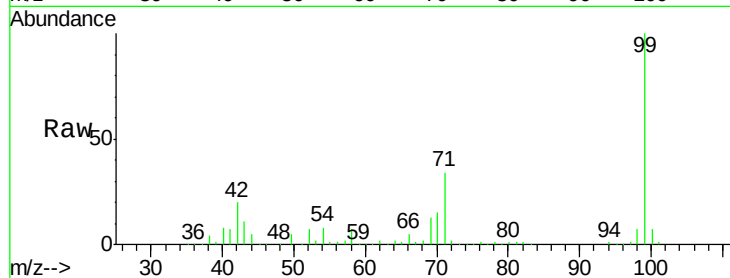
Tgt Ion: 99 Resp: 1423069

Ion Ratio Lower Upper

99 100

42 20.0 15.6 23.4

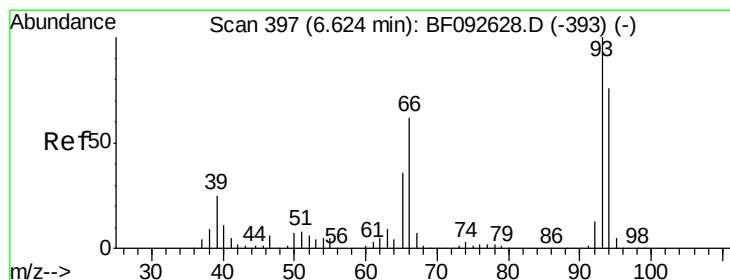
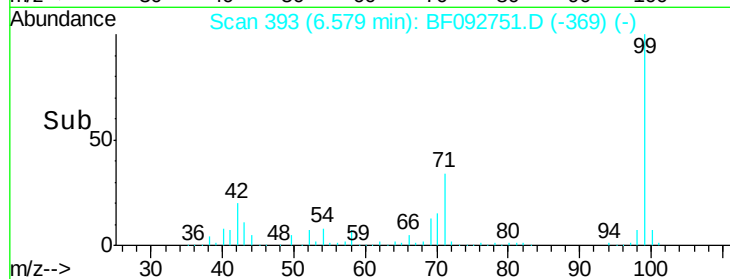
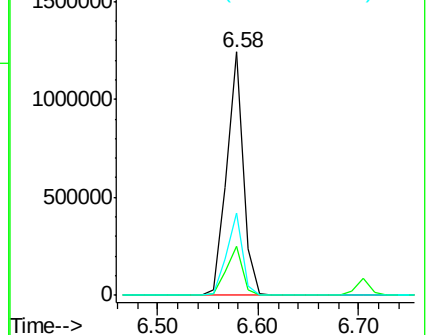
71 33.7 27.5 41.3



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: 9.22 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.03 min

Lab File: BF092751.D

Acq: 2 Feb 2017 22:37

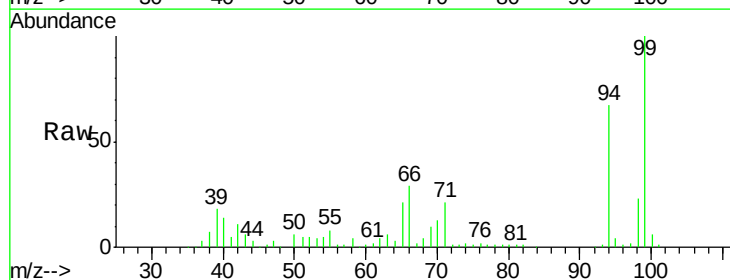
Tgt Ion: 94 Resp: 118952

Ion Ratio Lower Upper

94 100

65 31.8 21.4 61.4

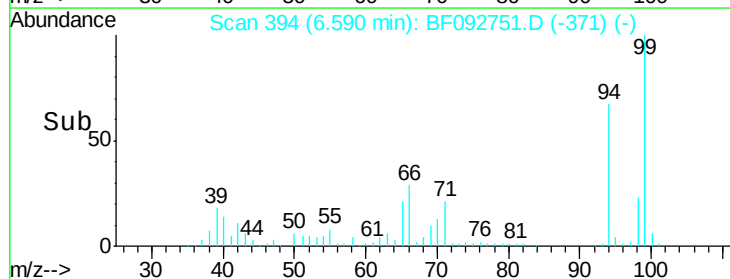
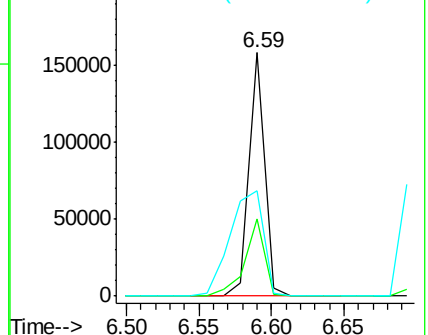
66 43.1 44.0 84.0#

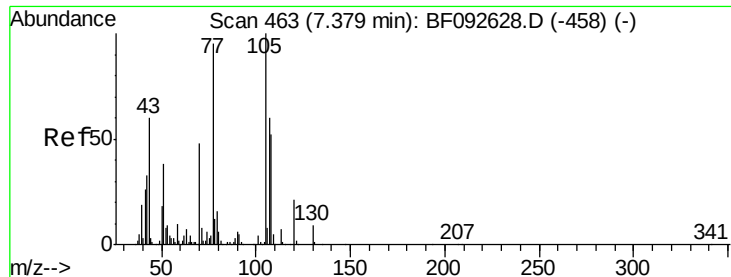


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

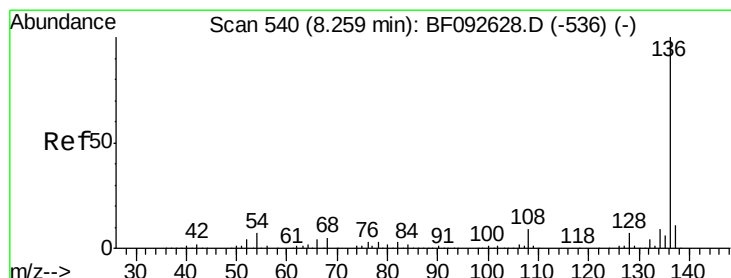
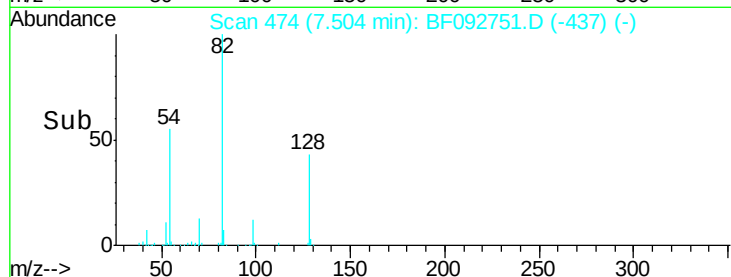
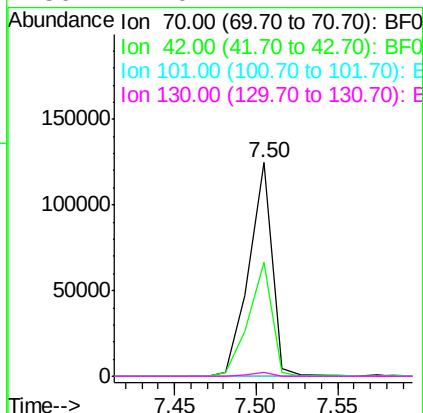
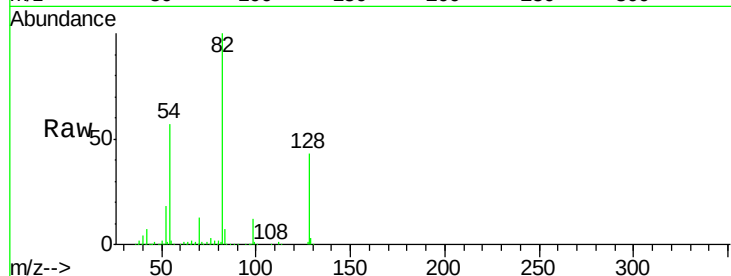




#19
n-Nitroso-di-n-propylamine
Concen: 17.54 ng
RT: 7.50 min Scan# 474
Delta R.T. 0.13 min
Lab File: BF092751.D
Acq: 2 Feb 2017 22:37

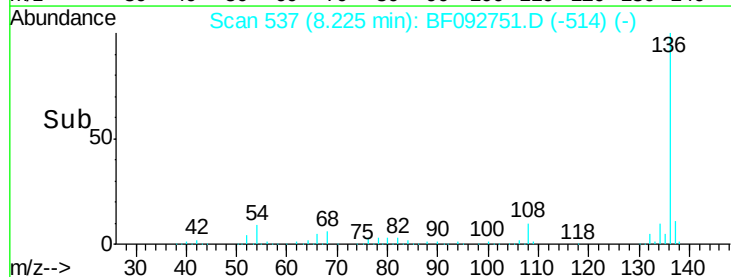
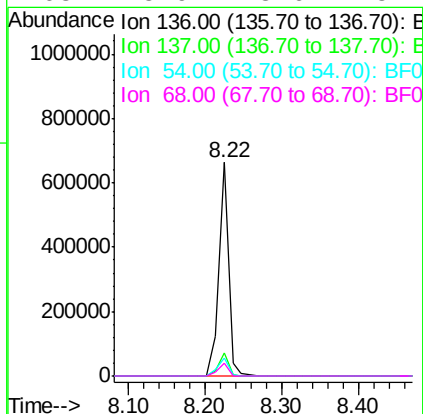
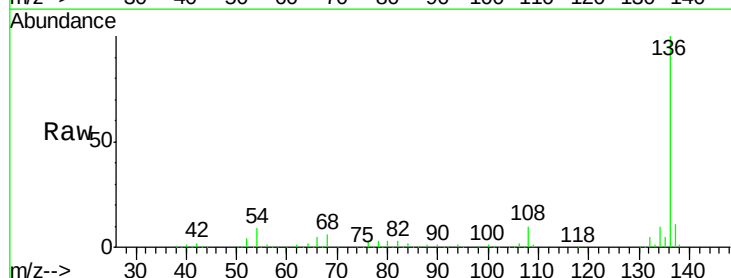
Instrument :
BNA_F
ClientSampleId :
SB-43-COMP

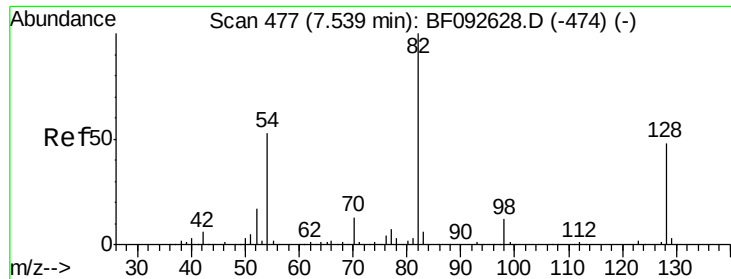
Tgt Ion:	70	Resp:	123081
Ion	Ratio	Lower	Upper
70	100		
42	53.2	49.4	74.0
101	0.0	7.4	11.2#
130	2.0	14.2	21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF092751.D
Acq: 2 Feb 2017 22:37

Tgt Ion:	136	Resp:	579933
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	8.6	4.5	6.7#
68	5.9	3.6	5.4#

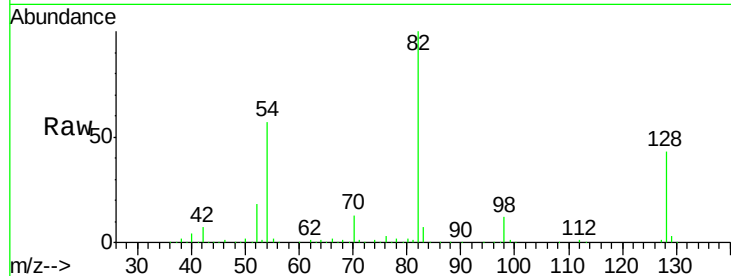




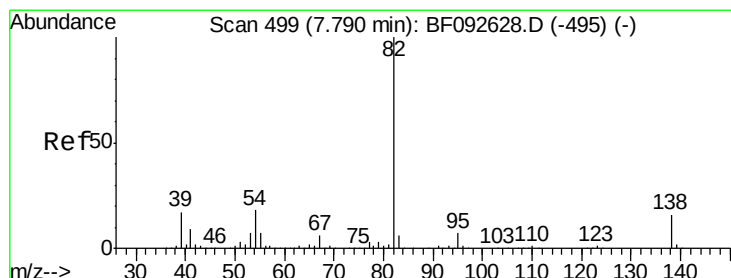
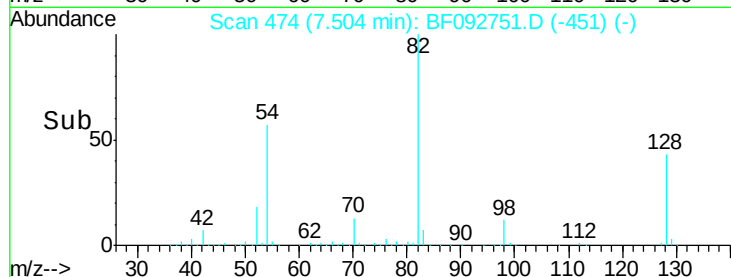
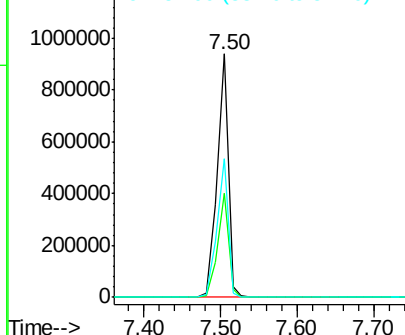
#23
 Nitrobenzene-d5
 Concen: 90.10 ng
 RT: 7.50 min Scan# 474
 Delta R.T. -0.03 min
 Lab File: BF092751.D
 Acq: 2 Feb 2017 22:37

Instrument :
 BNA_F
 ClientSampleId :
 SB-43-COMP

Tgt Ion: 82 Resp: 938359
 Ion Ratio Lower Upper
 82 100
 128 42.9 34.6 52.0
 54 57.1 39.5 59.3

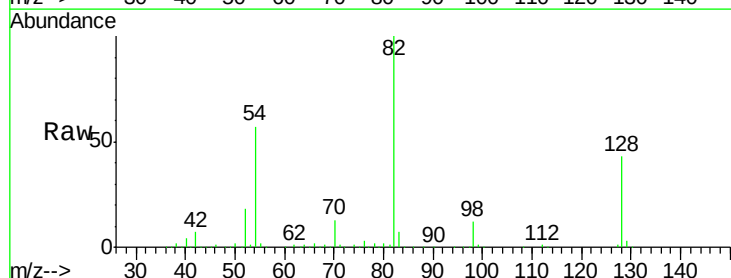


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

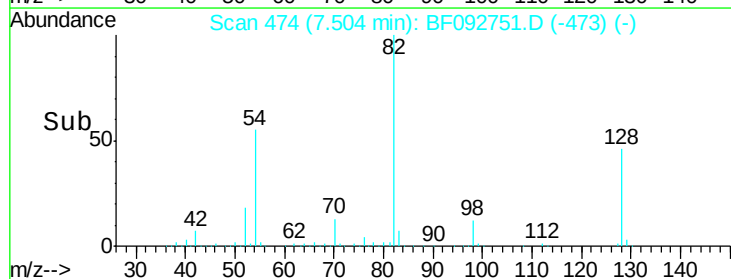
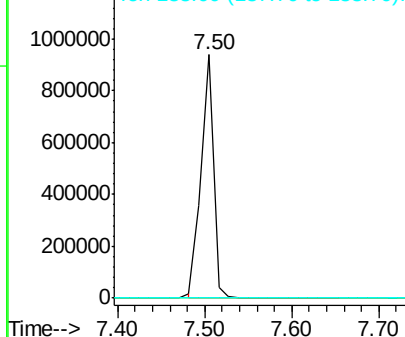


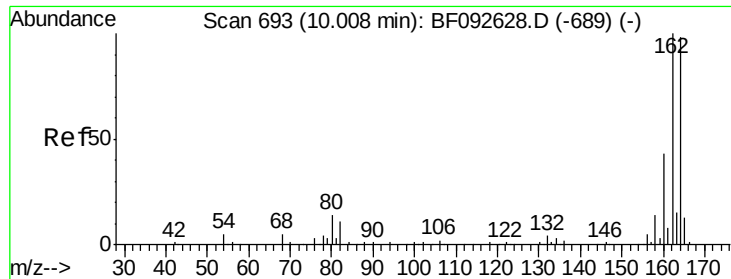
#25
 Isophorone
 Concen: 47.74 ng
 RT: 7.50 min Scan# 474
 Delta R.T. -0.29 min
 Lab File: BF092751.D
 Acq: 2 Feb 2017 22:37

Tgt Ion: 82 Resp: 926519
 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: 9.97 min Scan# 690

Delta R.T. -0.03 min

Lab File: BF092751.D

Acq: 2 Feb 2017 22:37

Instrument :

BNA_F

ClientSampleId :

SB-43-COMP

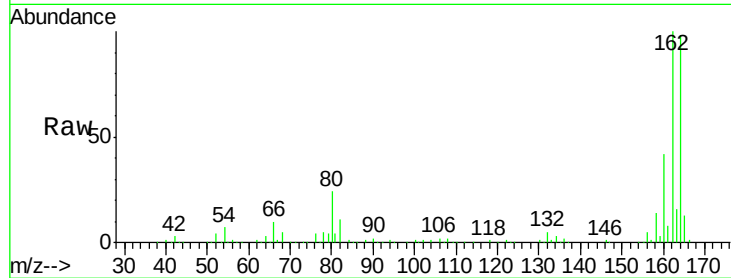
Tgt Ion:164 Resp: 279213

Ion Ratio Lower Upper

164 100

162 102.2 80.2 120.2

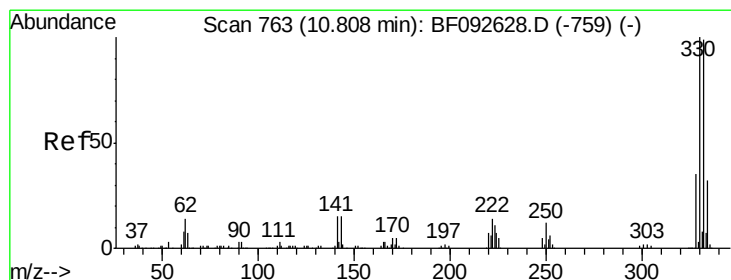
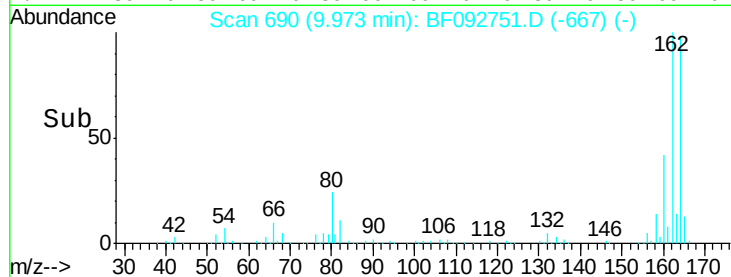
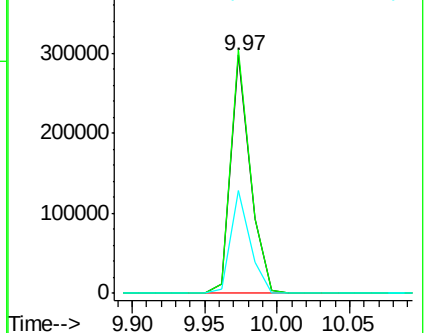
160 42.9 36.9 55.3



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: 152.09 ng

RT: 10.77 min Scan# 760

Delta R.T. -0.03 min

Lab File: BF092751.D

Acq: 2 Feb 2017 22:37

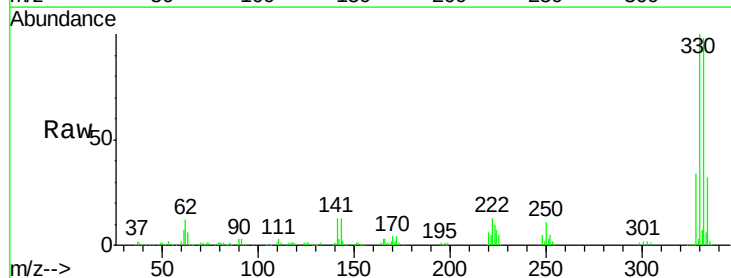
Tgt Ion:330 Resp: 307130

Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.2

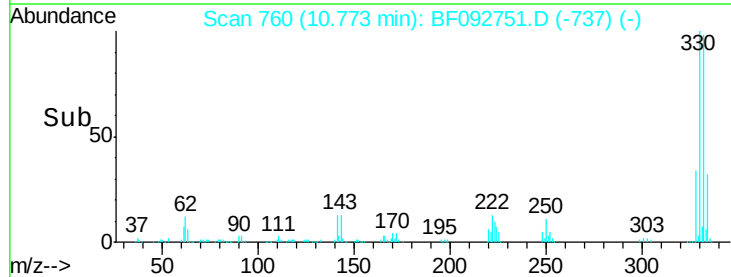
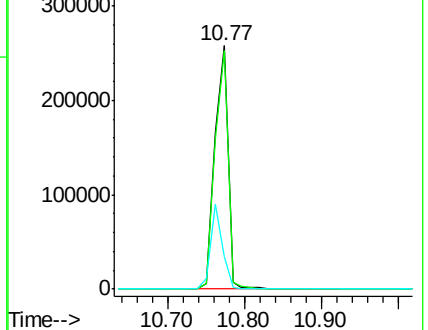
141 30.9 34.1 51.1#

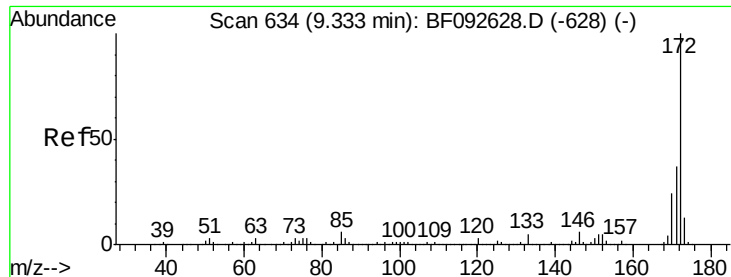


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

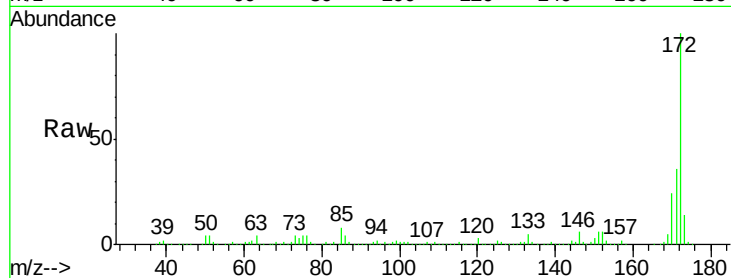




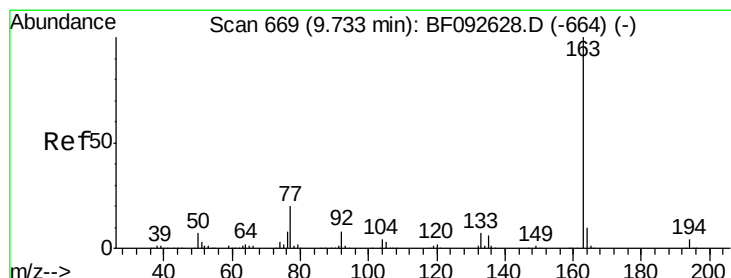
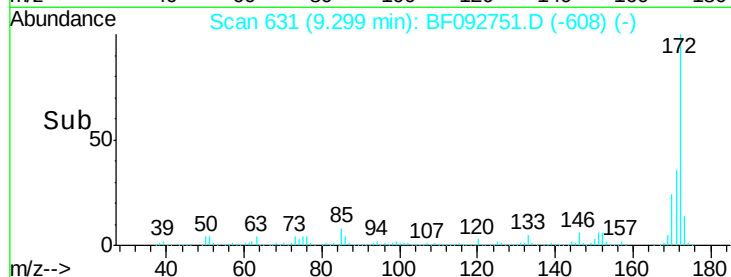
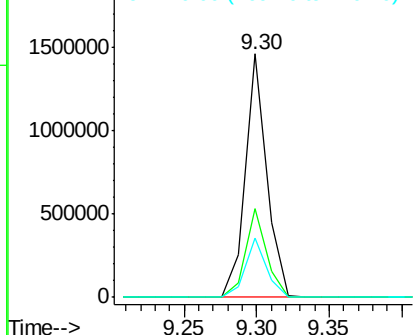
#44
2-Fluorobiphenyl
Concen: 97.49 ng
RT: 9.30 min Scan# 631
Delta R.T. -0.03 min
Lab File: BF092751.D
Acq: 2 Feb 2017 22:37

Instrument :
BNA_F
ClientSampleId :
SB-43-COMP

Tgt Ion:172 Resp: 1502551
Ion Ratio Lower Upper
172 100
171 36.4 29.4 44.0
170 24.4 20.2 30.4

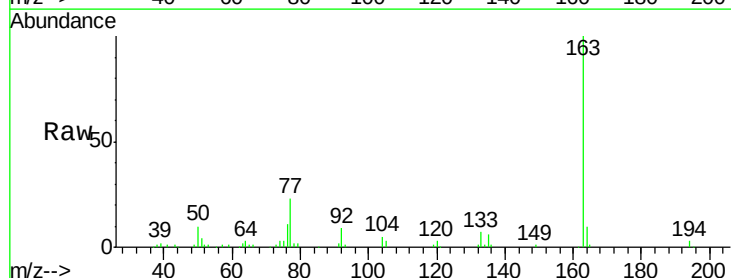


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

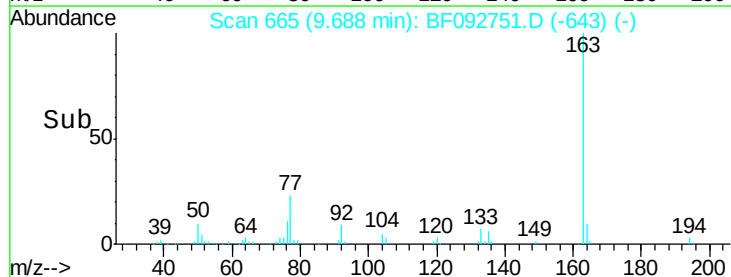
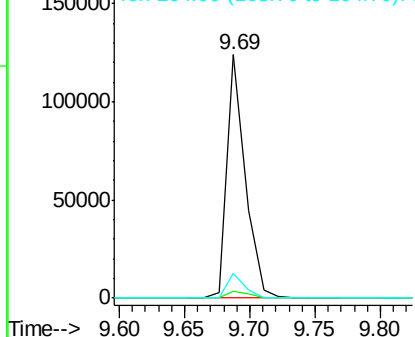


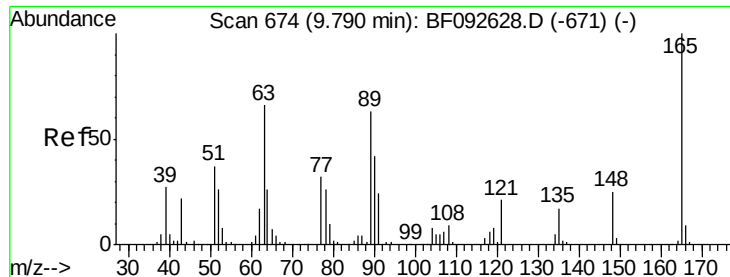
#49
Dimethylphthalate
Concen: 6.47 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.05 min
Lab File: BF092751.D
Acq: 2 Feb 2017 22:37

Tgt Ion:163 Resp: 121676
Ion Ratio Lower Upper
163 100
194 2.9 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

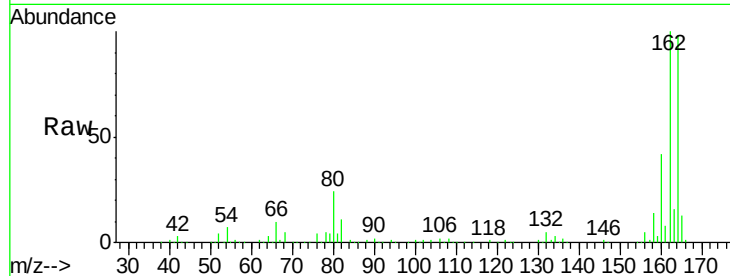




#50
 2,6-Dinitrotoluene
 Concen: 8.86 ng
 RT: 9.97 min Scan# 690
 Delta R.T. 0.18 min
 Lab File: BF092751.D
 Acq: 2 Feb 2017 22:37

Instrument :
 BNA_F
 ClientSampleId :
 SB-43-COMP

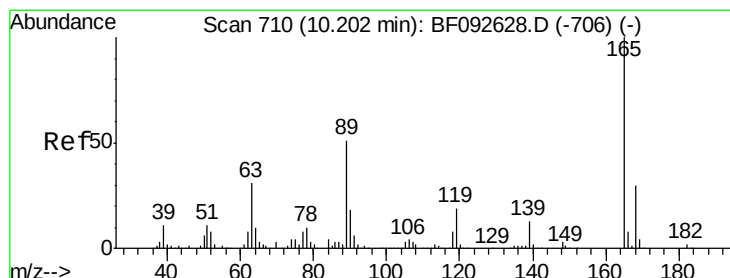
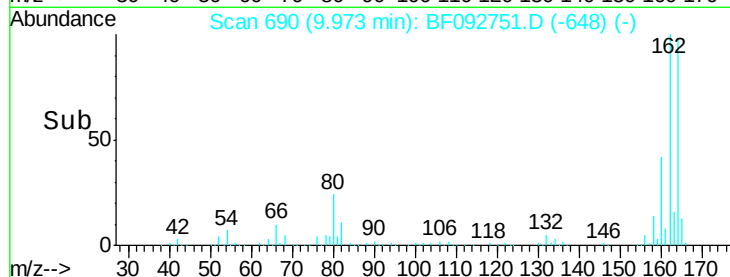
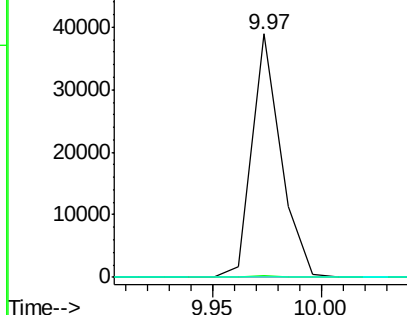
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.8	36.2	54.4#
89	0.0	40.2	60.4#



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: 6.65 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.23 min
 Lab File: BF092751.D
 Acq: 2 Feb 2017 22:37

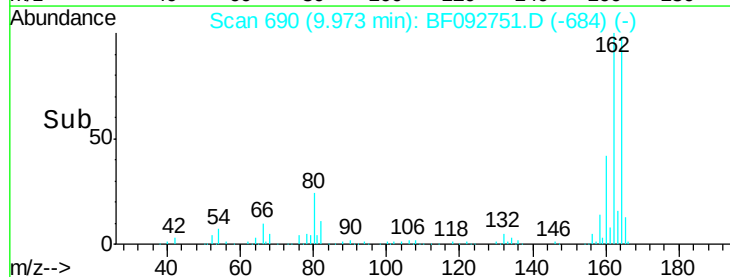
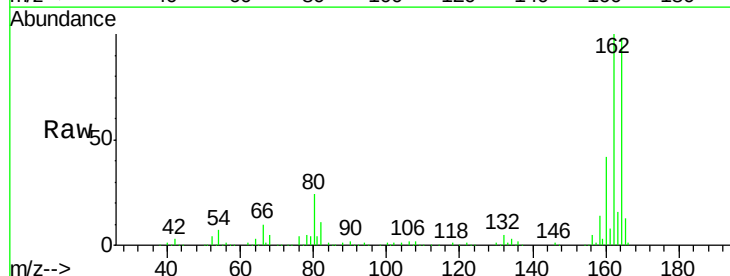
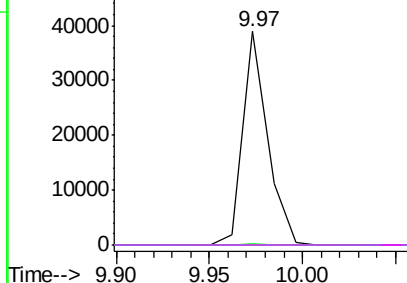
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.8	40.2	60.4#
89	0.0	62.5	93.7#
182	0.0	1.8	2.8#

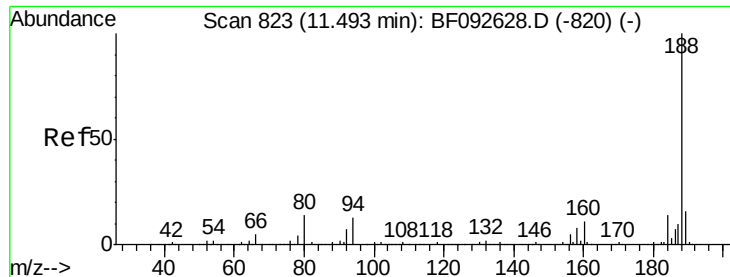
Abundance Ion 165.00 (164.70 to 165.70): E

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

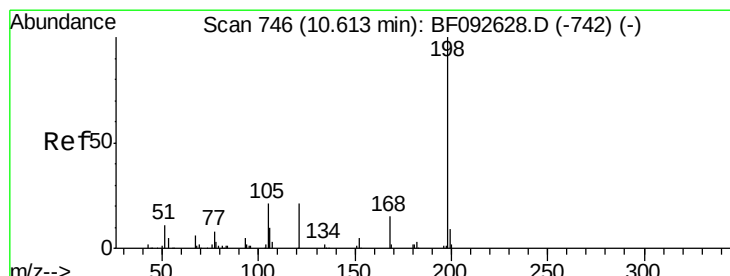
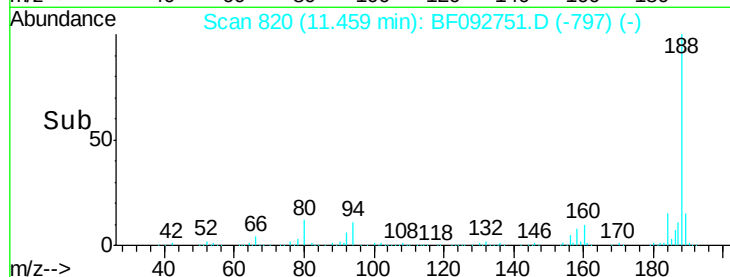
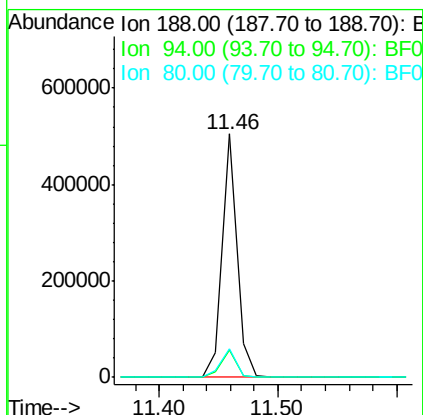
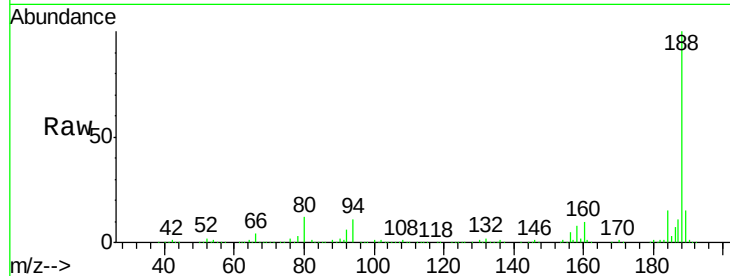




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.03 min
 Lab File: BF092751.D
 Acq: 2 Feb 2017 22:37

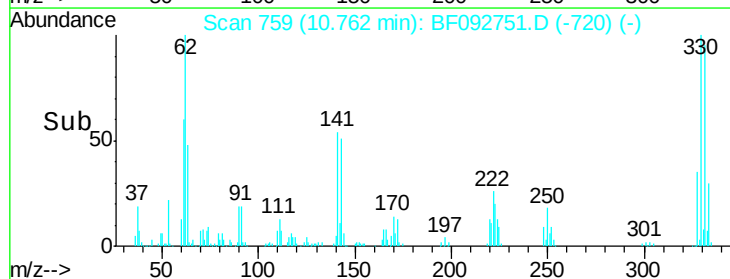
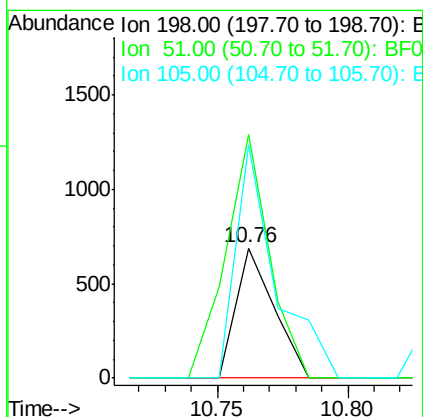
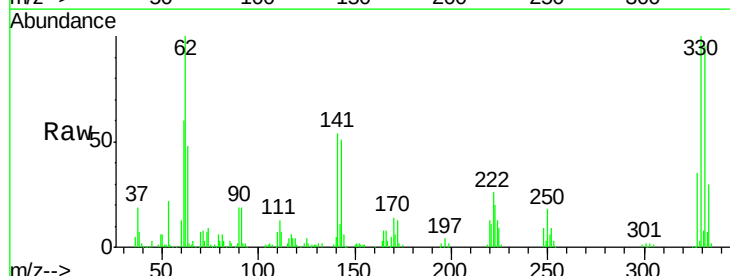
Instrument :
 BNA_F
 ClientSampleId :
 SB-43-COMP

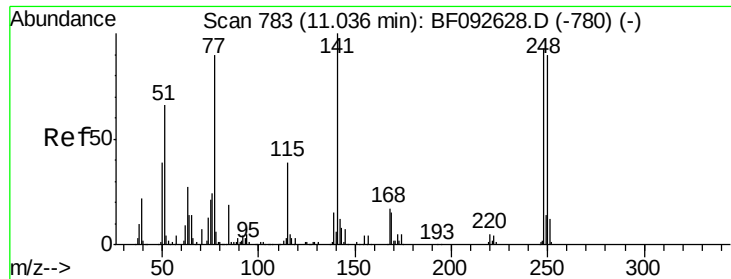
Tgt Ion:188 Resp: 437319
 Ion Ratio Lower Upper
 188 100
 94 11.0 10.0 15.0
 80 11.7 11.2 16.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.92 ng
 RT: 10.76 min Scan# 759
 Delta R.T. 0.15 min
 Lab File: BF092751.D
 Acq: 2 Feb 2017 22:37

Tgt Ion:198 Resp: 695
 Ion Ratio Lower Upper
 198 100
 51 187.5 6.7 46.7#
 105 180.1 16.6 56.6#





#66

4-Bromophenyl-phenylether

Concen: 4.53 ng

RT: 10.76 min Scan# 759

Delta R.T. -0.27 min

Lab File: BF092751.D

Acq: 2 Feb 2017 22:37

Instrument :

BNA_F

ClientSampleId :

SB-43-COMP

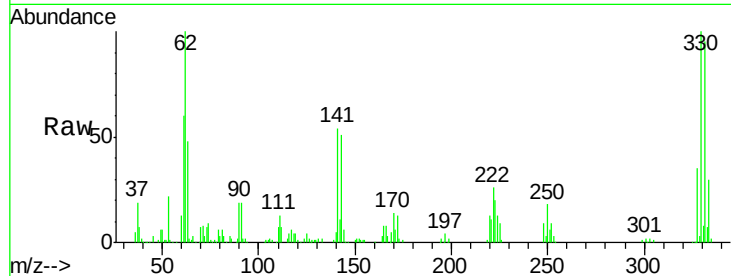
Tgt Ion:248 Resp: 20676

Ion Ratio Lower Upper

248 100

250 204.1 76.9 115.3#

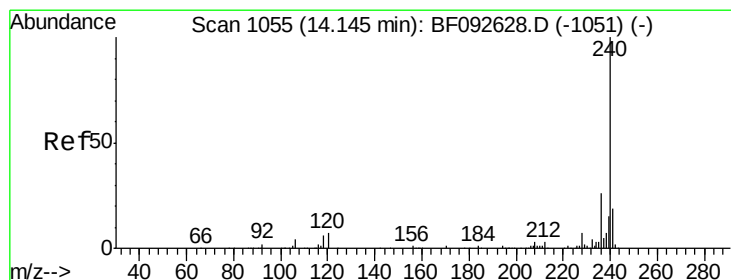
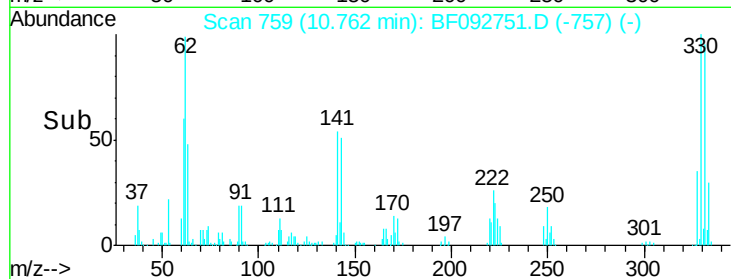
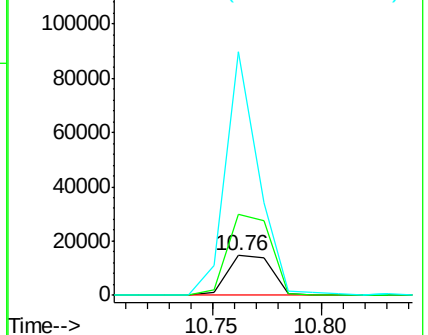
141 608.3 68.2 102.4#



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: 14.10 min Scan# 1051

Delta R.T. -0.05 min

Lab File: BF092751.D

Acq: 2 Feb 2017 22:37

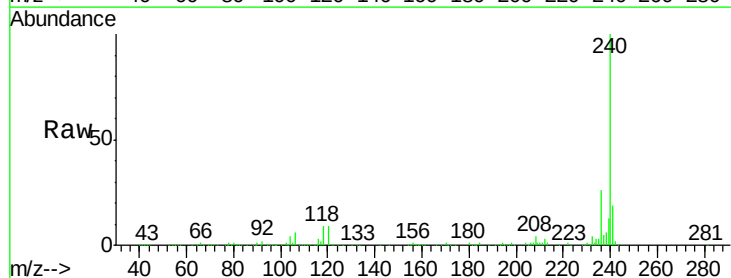
Tgt Ion:240 Resp: 305195

Ion Ratio Lower Upper

240 100

120 9.2 12.9 19.3#

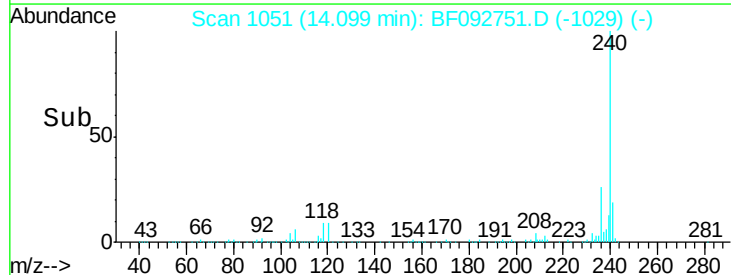
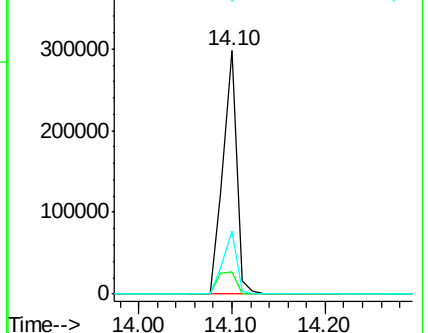
236 25.7 20.9 31.3

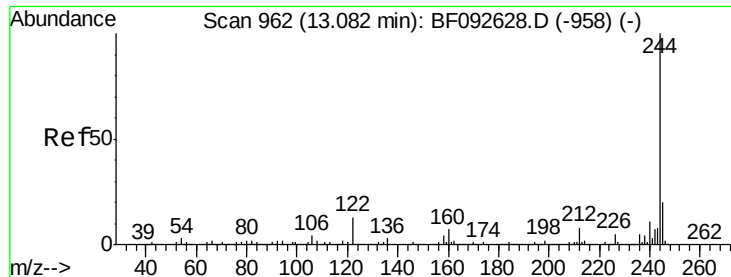


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

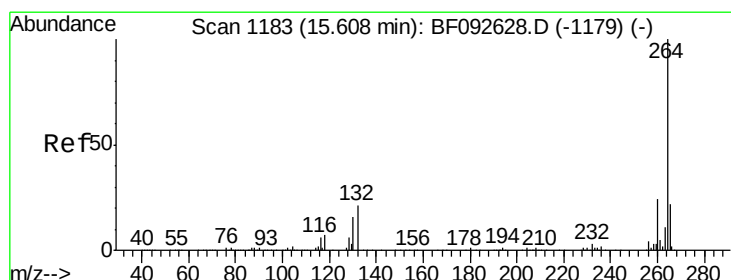
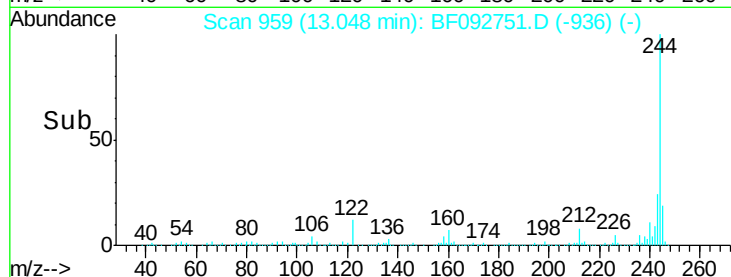
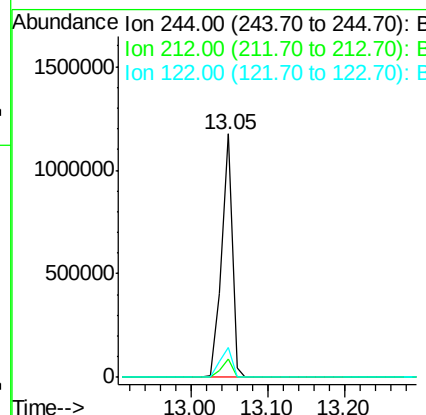
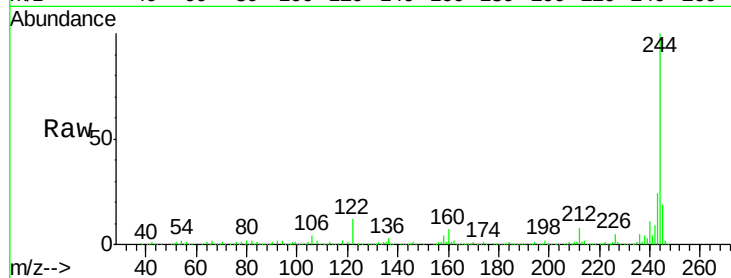




#78
 Terphenyl-d14
 Concen: 86.74 ng
 RT: 13.05 min Scan# 959
 Delta R.T. -0.03 min
 Lab File: BF092751.D
 Acq: 2 Feb 2017 22:37

Instrument :
 BNA_F
 ClientSampleId :
 SB-43-COMP

Tgt Ion:244 Resp: 1126659
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 12.1 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.56 min Scan# 1179
 Delta R.T. -0.05 min
 Lab File: BF092751.D
 Acq: 2 Feb 2017 22:37

Tgt Ion:264 Resp: 300791
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 21.1 17.4 26.0

