

Data Path : Z:\HPCHEM1\BNA F\Data\BF123015\
 Data File : BF084180.D
 Acq On : 31 Dec 2015 7:28
 Operator : UM/SJ
 Sample : G4979-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 31 16:06:06 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 31 04:29:55 2015
 Response via : Initial Calibration

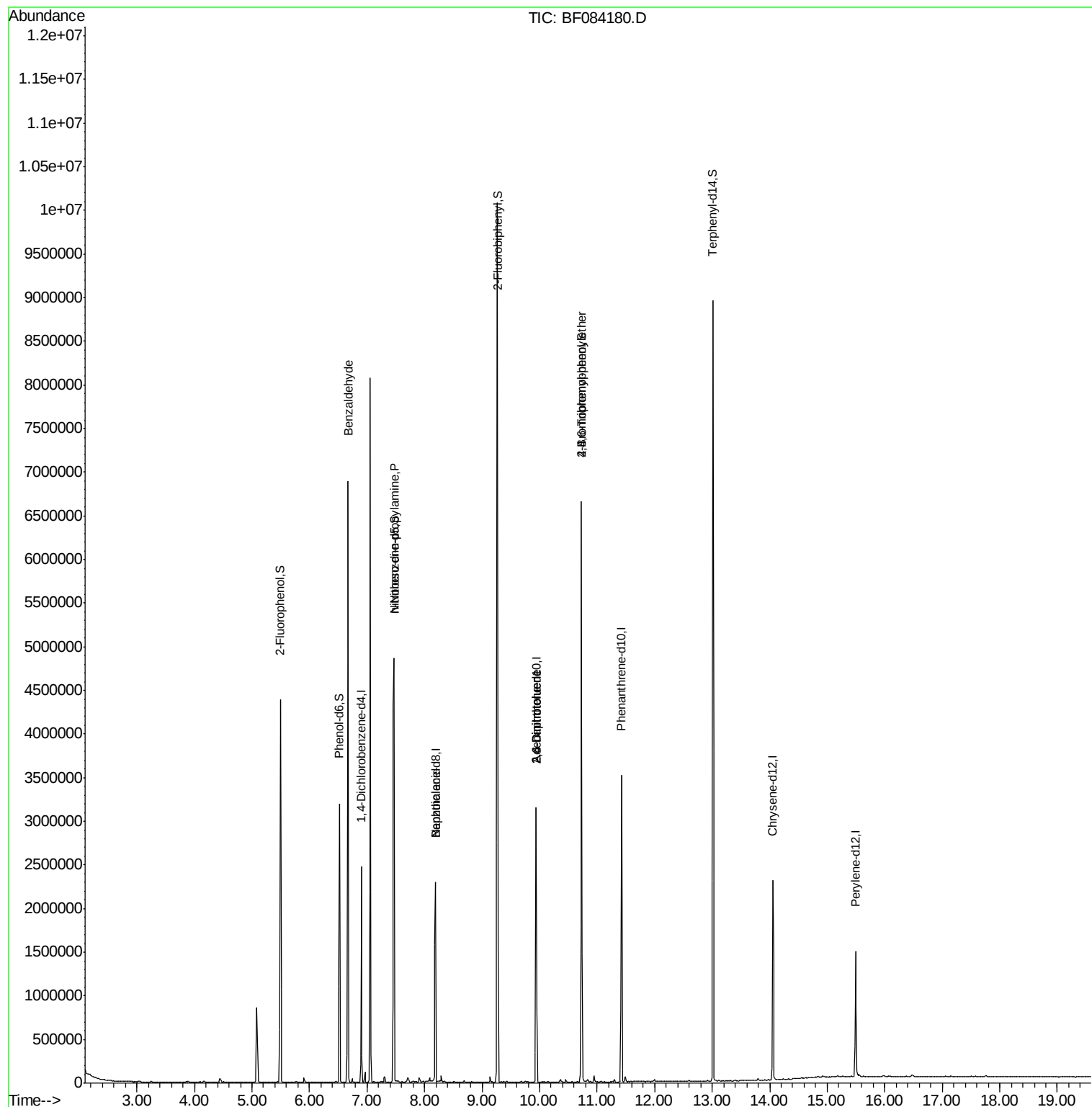
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	317256	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	1305488	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	603340	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	1179394	20.00	ng	0.00
75) Chrysene-d12	14.05	240	947164	20.00	ng	-0.01
86) Perylene-d12	15.49	264	686632	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1132251	57.23	ng	0.00
7) Phenol-d6	6.52	99	1028966	40.18	ng	0.00
23) Nitrobenzene-d5	7.47	82	2244827	101.60	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	799713	132.80	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	2993150	84.70	ng	0.00
78) Terphenyl-d14	13.01	244	3224261	80.18	ng	0.00
Target Compounds						
9) Benzaldehyde	6.67	77	58869	2.68	ng	Qvalue 84
14) 1,2-Dichlorobenzene	7.06	146	280	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.47	70	316662	18.78	ng	# 68
32) Benzoic acid	8.19	122	342	3.56	ng	# 1
50) 2,6-Dinitrotoluene	9.94	165	79889	8.98	ng	# 39
56) 2,4-Dinitrotoluene	9.94	165	79892	7.57	ng	# 42
59) Diethylphthalate	10.36	149	10692	Below Cal		95
66) 4-Bromophenyl-phenylether	10.73	248	50810	4.01	ng	# 1
73) Di-n-butylphthalate	12.00	149	16289	Below Cal	#	95
74) Fluoranthene	12.64	202	1872	Below Cal		61

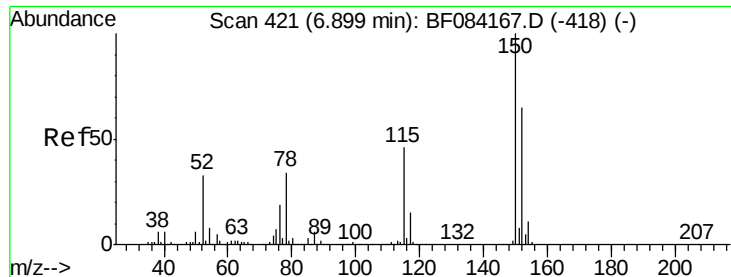
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF084180.D

Acq: 31 Dec 2015 7:28

Instrument :

BNA_F

ClientSampleId :

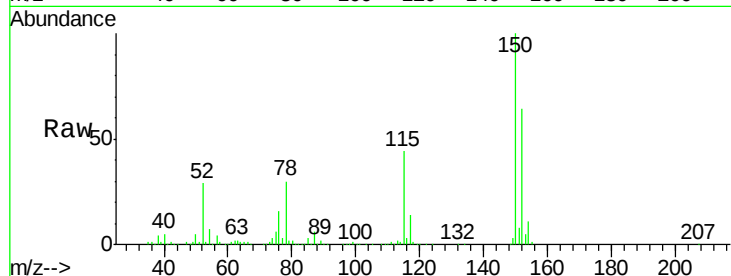
Tot Ion:152 Resp: 317256

Ion Ratio Lower Upper

152 100

150 157.4 123.8 185.8

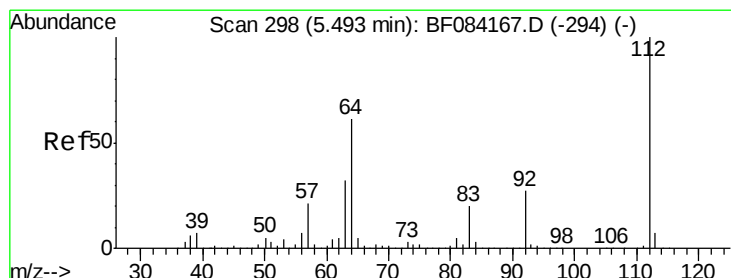
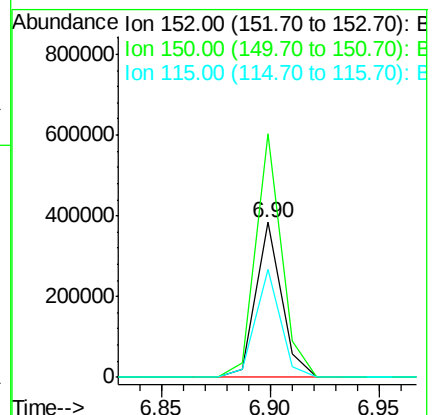
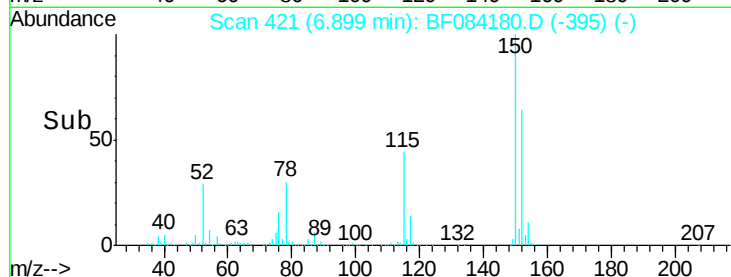
115 69.7 57.1 85.7



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: 57.23 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.00 min

Lab File: BF084180.D

Acq: 31 Dec 2015 7:28

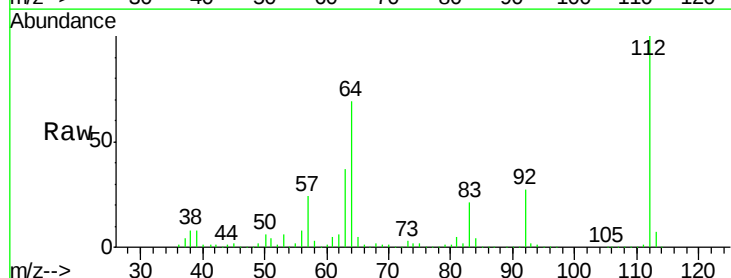
Tgt Ion:112 Resp: 1132251

Ion Ratio Lower Upper

112 100

64 69.3 48.7 73.1

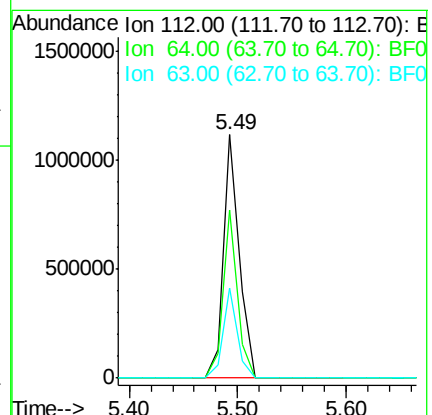
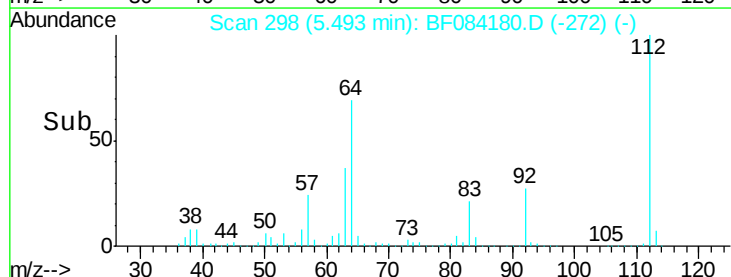
63 37.2 25.9 38.9

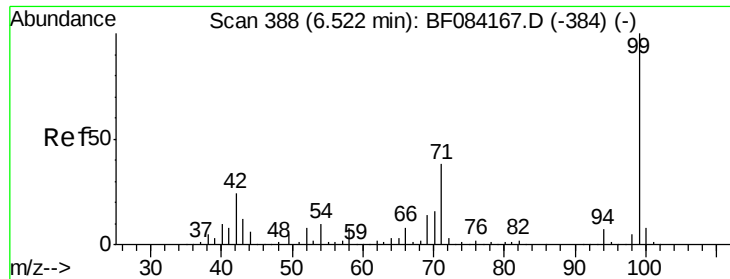


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 40.18 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF084180.D

Acq: 31 Dec 2015 7:28

Instrument :

BNA_F

ClientSampleId :

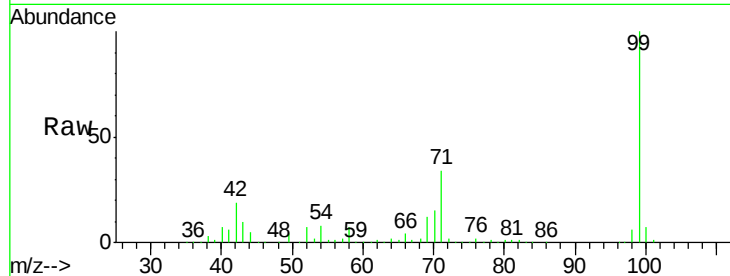
Tot Ion: 99 Resp: 1028966

Ion Ratio Lower Upper

99 100

42 19.0 19.2 28.8#

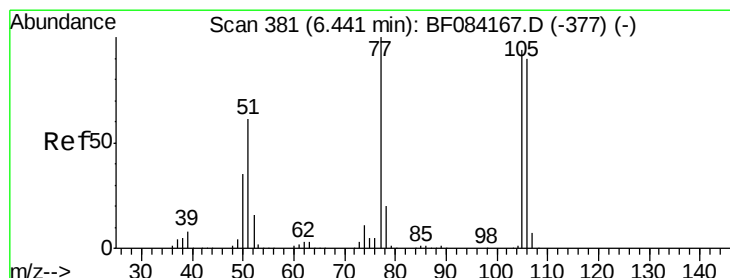
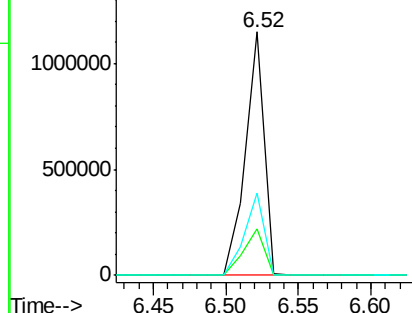
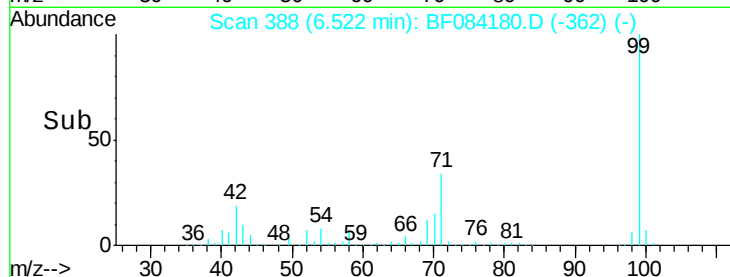
71 33.6 30.4 45.6



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: 2.68 ng

RT: 6.67 min Scan# 401

Delta R.T. 0.23 min

Lab File: BF084180.D

Acq: 31 Dec 2015 7:28

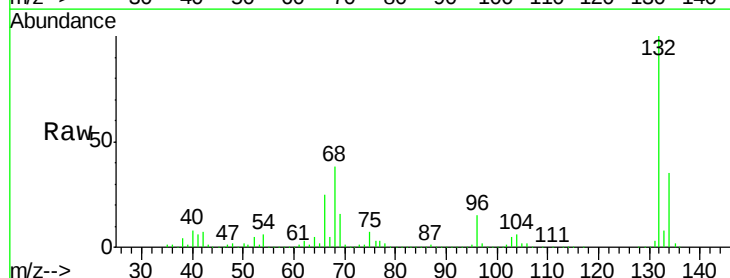
Tgt Ion: 77 Resp: 58869

Ion Ratio Lower Upper

77 100

105 80.0 73.7 113.7

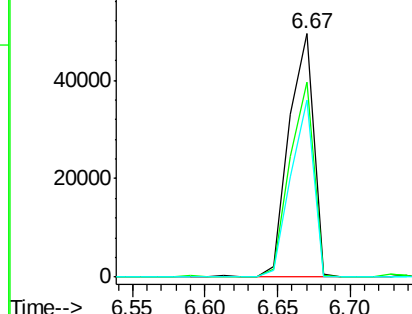
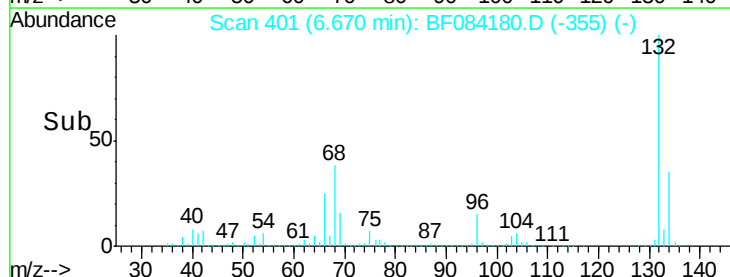
106 72.6 69.5 109.5

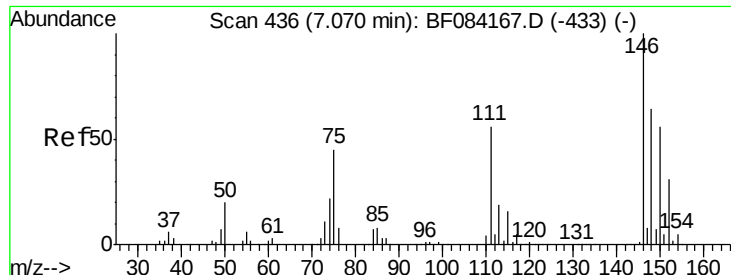


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#14

1,2-Dichlorobenzene

Concen: Below Cal

RT: 7.06 min Scan# 435

Delta R.T. -0.01 min

Lab File: BF084180.D

Acq: 31 Dec 2015 7:28

Instrument :

BNA_F

ClientSampleId :

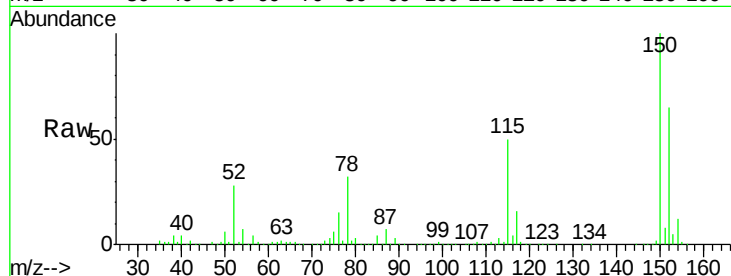
Tot Ion:146 Resp: 280

Ion Ratio Lower Upper

146 100

148 1089.2 51.3 76.9#

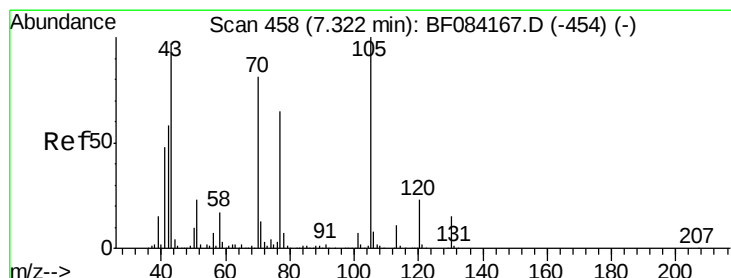
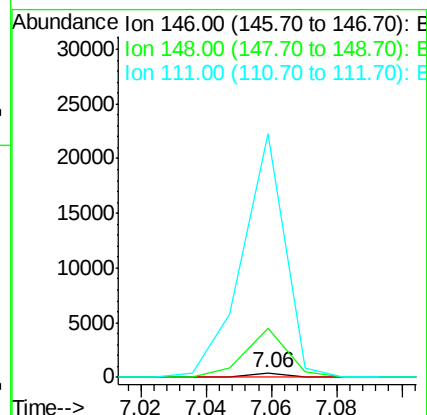
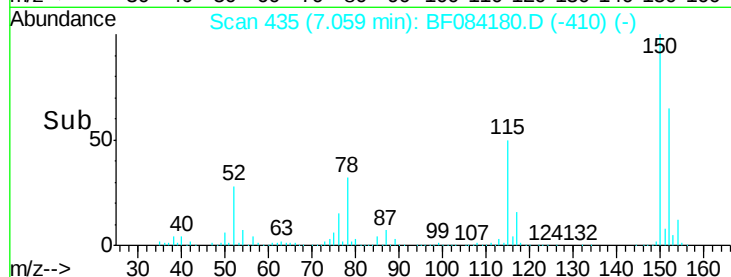
111 5456.9 45.0 67.4#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 18.78 ng

RT: 7.47 min Scan# 471

Delta R.T. 0.15 min

Lab File: BF084180.D

Acq: 31 Dec 2015 7:28

Tgt Ion: 70 Resp: 316662

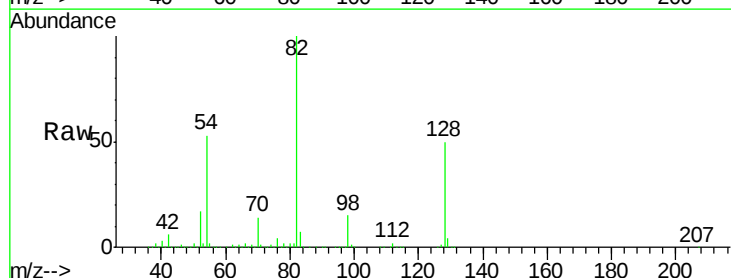
Ion Ratio Lower Upper

70 100

42 45.6 57.4 86.0#

101 0.0 7.3 10.9#

130 2.3 14.7 22.1#

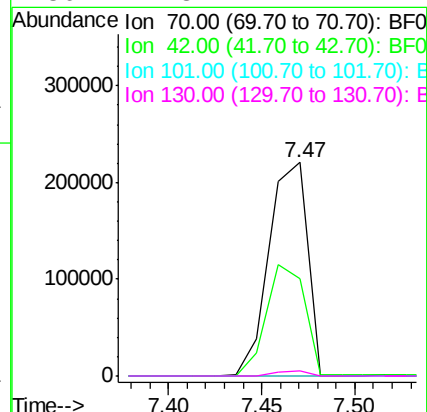
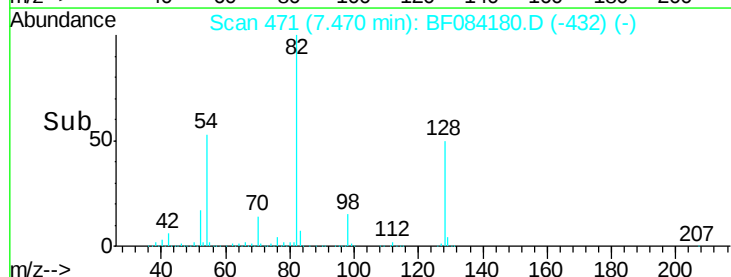


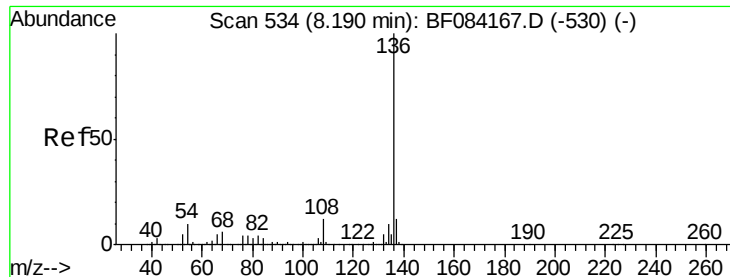
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 534

Delta R.T. 0.00 min

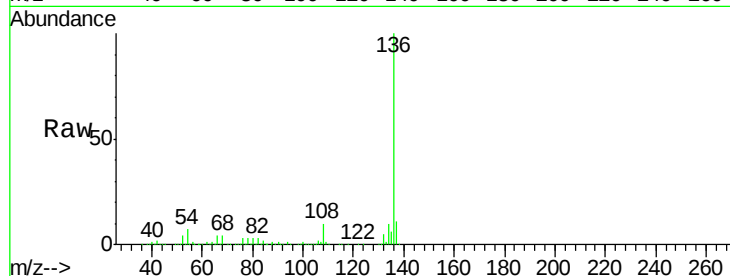
Lab File: BF084180.D

Acq: 31 Dec 2015 7:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 1305488

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.4	14.0
54	6.8	7.6	11.4#
68	4.2	4.6	6.8#

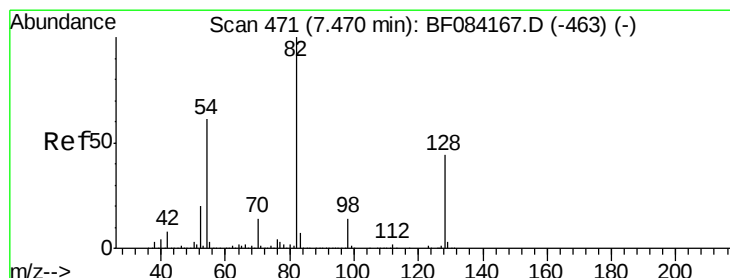
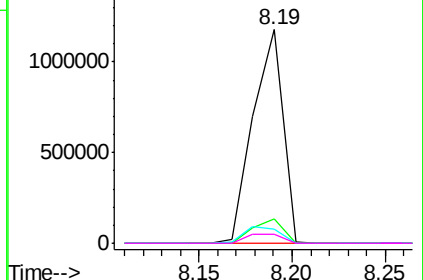
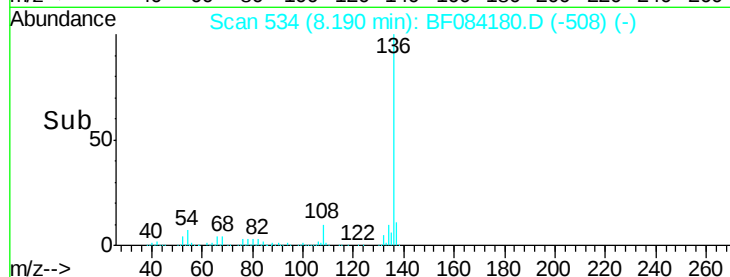


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 101.60 ng

RT: 7.47 min Scan# 471

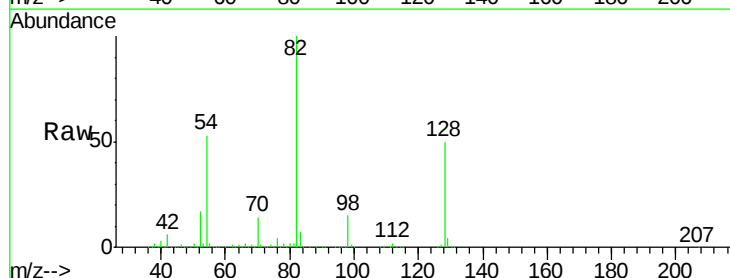
Delta R.T. 0.00 min

Lab File: BF084180.D

Acq: 31 Dec 2015 7:28

Tgt Ion: 82 Resp: 2244827

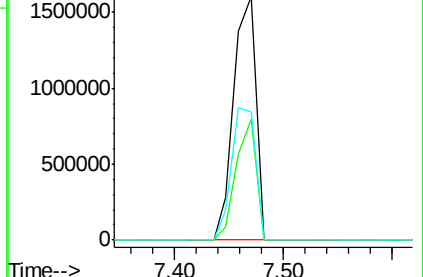
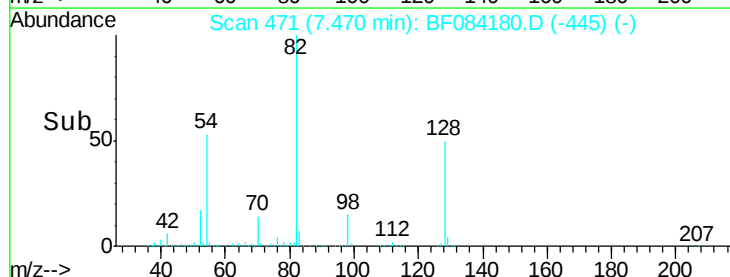
Ion	Ratio	Lower	Upper
82	100		
128	49.7	35.0	52.4
54	53.0	48.5	72.7

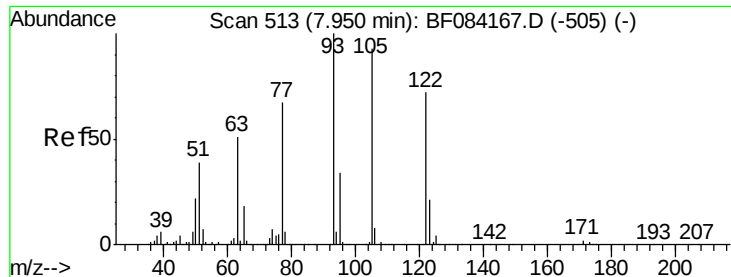


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

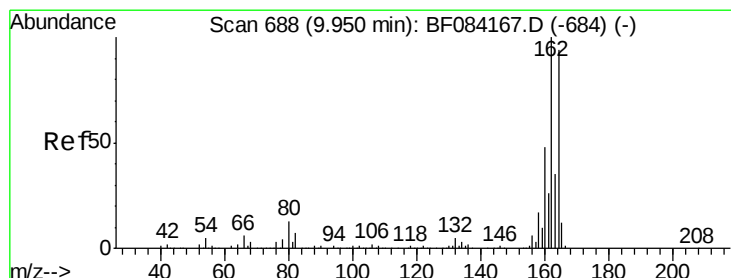
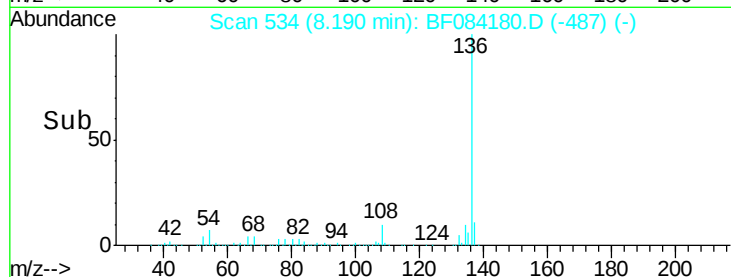
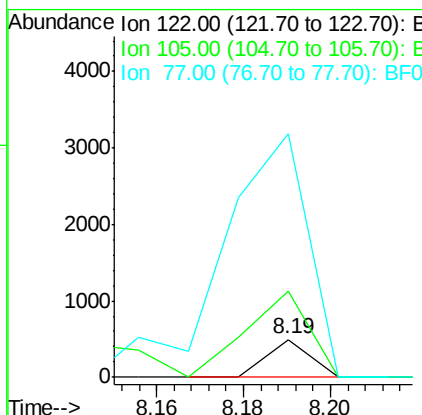
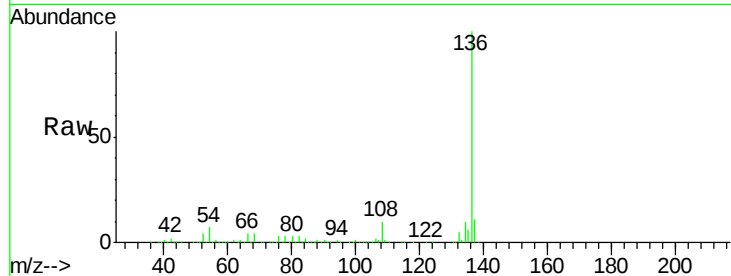




#32
Benzoic acid
Concen: 3.56 ng
RT: 8.19 min Scan# 534
Delta R.T. 0.24 min
Lab File: BF084180.D
Acq: 31 Dec 2015 7:28

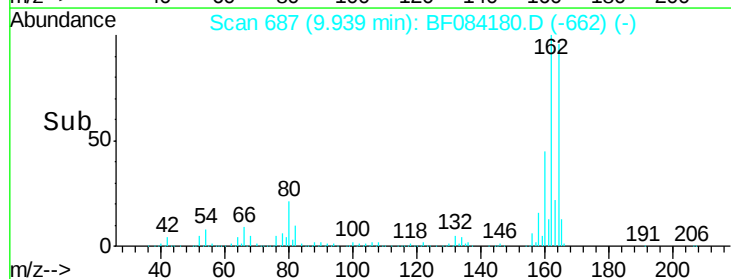
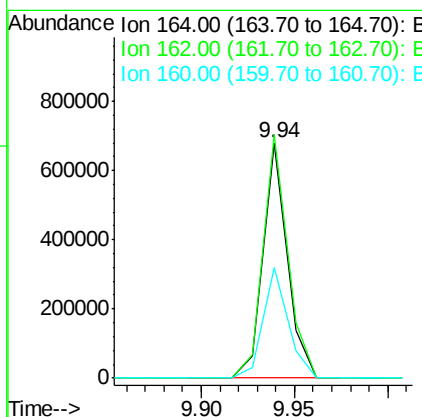
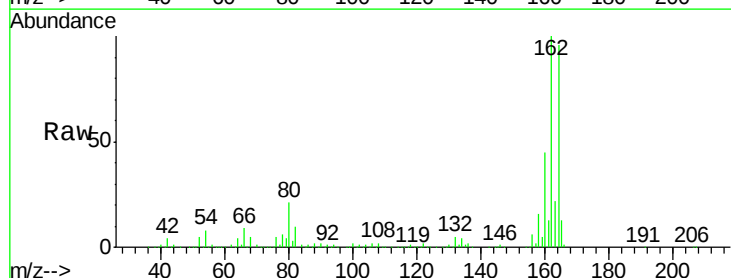
Instrument :
BNA_F
ClientSampleId :

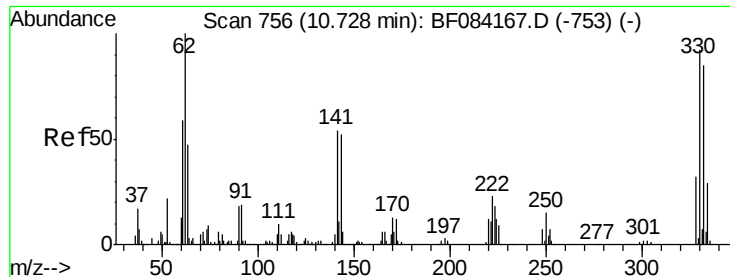
Tot Ion:122 Resp: 342
Ion Ratio Lower Upper
122 100
105 226.1 108.6 148.6#
77 639.6 74.1 114.1#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF084180.D
Acq: 31 Dec 2015 7:28

Tgt Ion:164 Resp: 603340
Ion Ratio Lower Upper
164 100
162 103.8 84.8 127.2
160 47.0 40.4 60.6

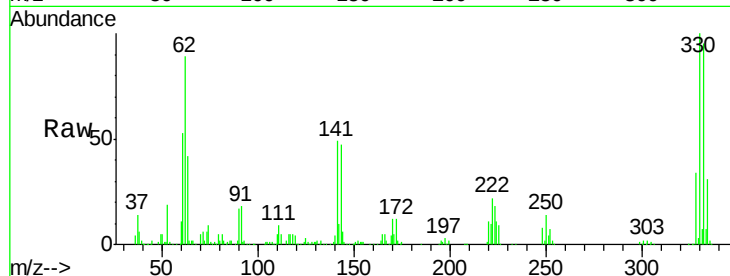




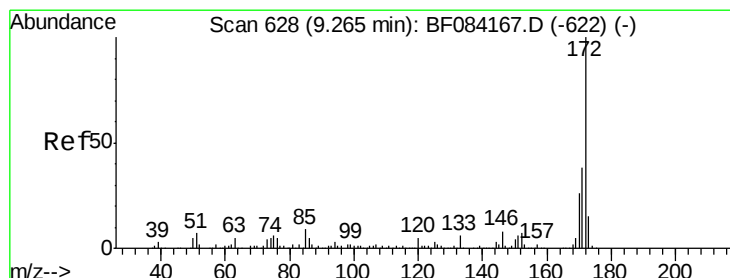
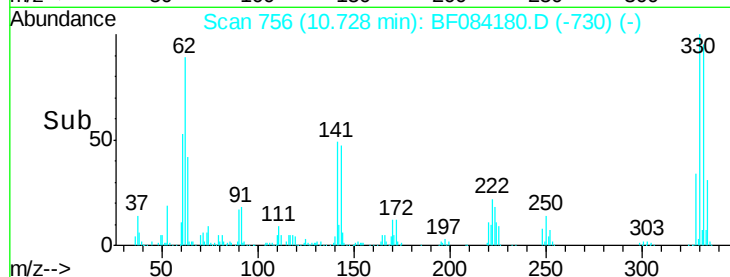
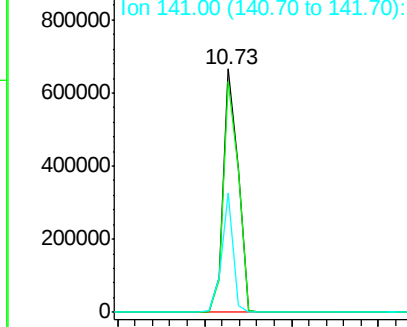
#41
 2,4,6-Tribromophenol
 Concen: 132.80 ng
 RT: 10.73 min Scan# 756
 Delta R.T. 0.00 min
 Lab File: BF084180.D
 Acq: 31 Dec 2015 7:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 799713
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.2 114.2
 141 38.6 31.3 46.9

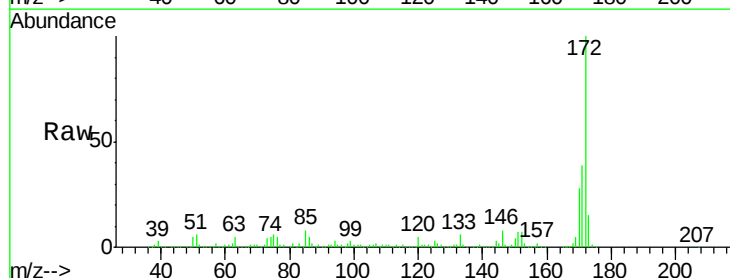


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

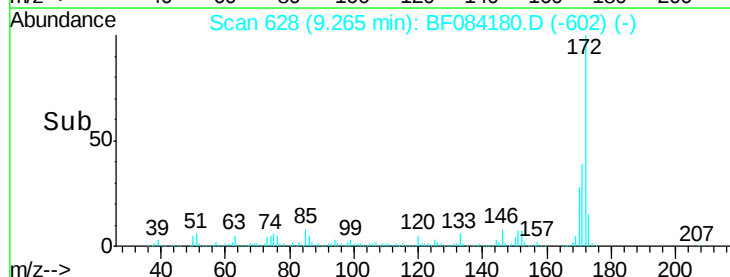
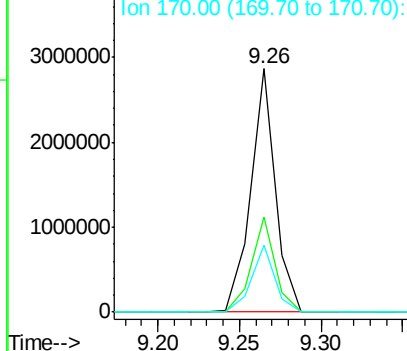


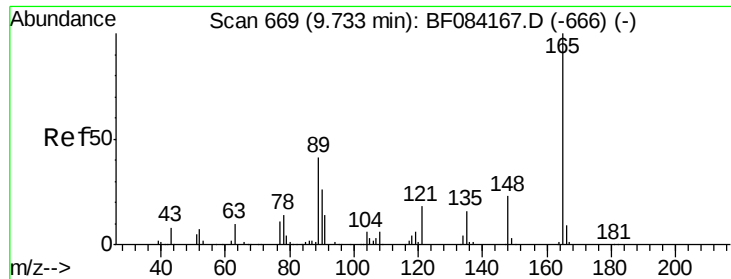
#44
 2-Fluorobiphenyl
 Concen: 84.70 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF084180.D
 Acq: 31 Dec 2015 7:28

Tgt Ion:172 Resp: 2993150
 Ion Ratio Lower Upper
 172 100
 171 39.2 30.6 46.0
 170 27.5 20.6 30.8



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

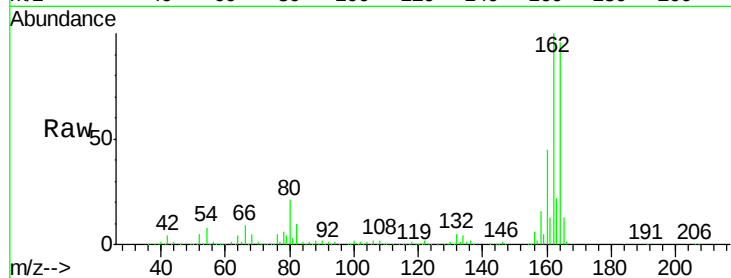




#50
2,6-Dinitrotoluene
Concen: 8.98 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.21 min
Lab File: BF084180.D
Acq: 31 Dec 2015 7:28

Instrument :
BNA_F
ClientSampleId :

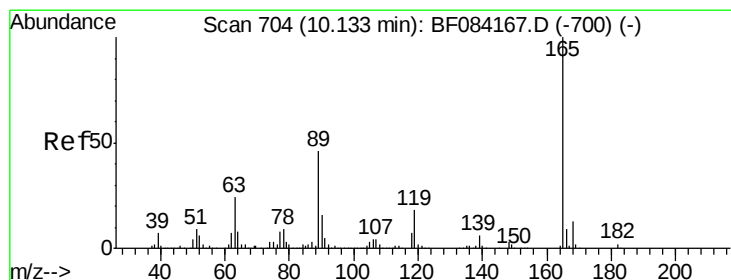
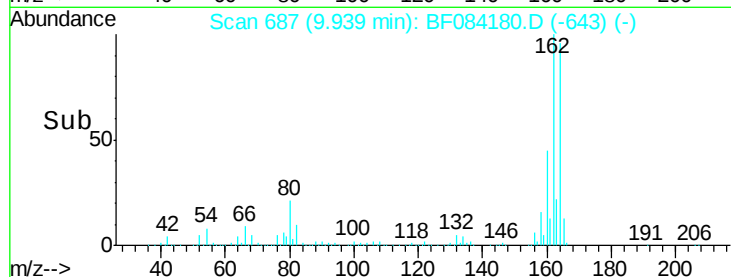
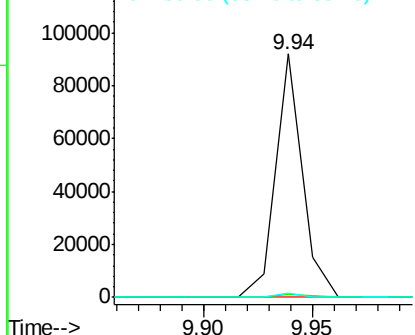
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	28.8	43.2#
89	1.9	32.7	49.1#



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: 7.57 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.19 min
Lab File: BF084180.D
Acq: 31 Dec 2015 7:28

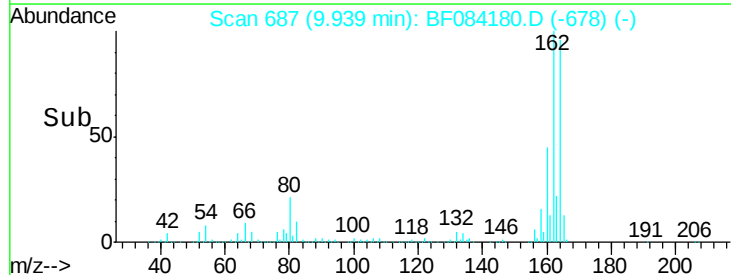
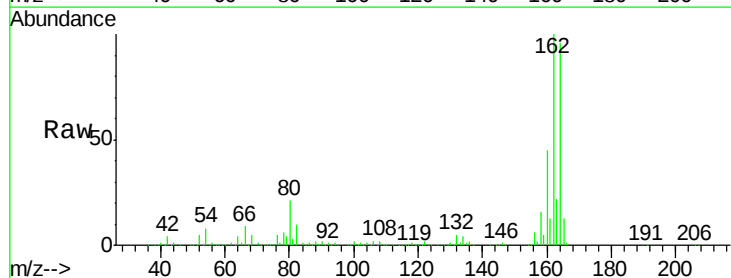
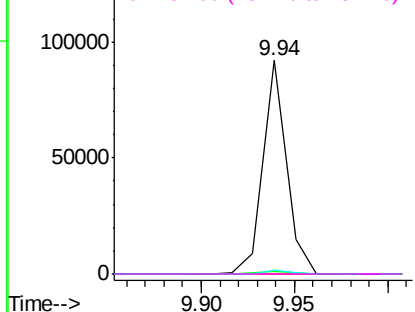
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	19.4	29.2#
89	1.9	37.0	55.6#
182	0.0	1.8	2.8#

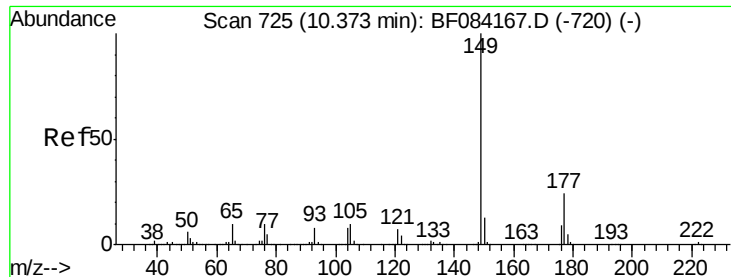
Abundance Ion 165.00 (164.70 to 165.70): E

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

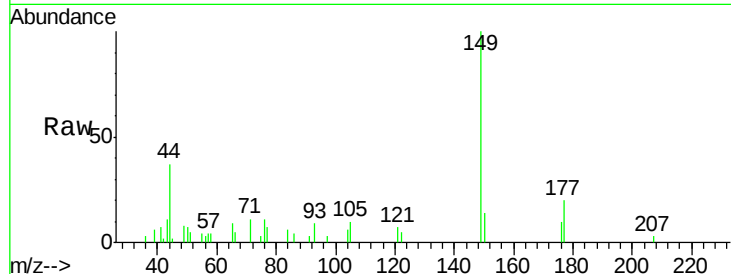




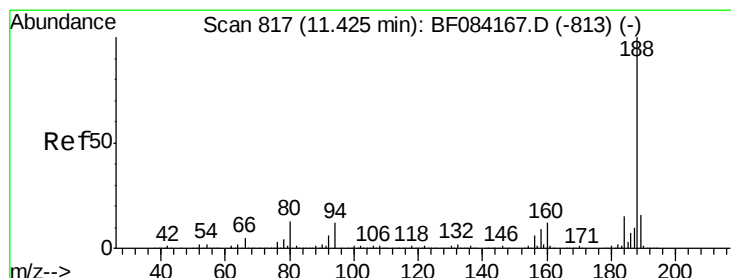
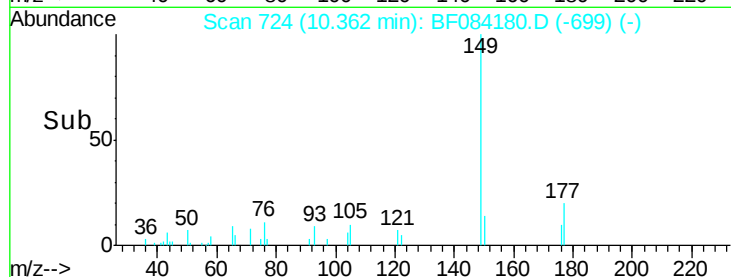
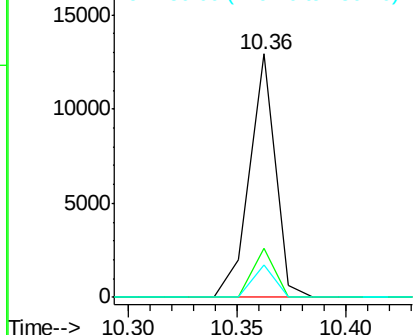
#59
Diethylphthalate
Concen: Below Cal
RT: 10.36 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF084180.D
Acq: 31 Dec 2015 7:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 10692
Ion Ratio Lower Upper
149 100
177 20.0 19.1 28.7
150 13.5 10.6 15.8

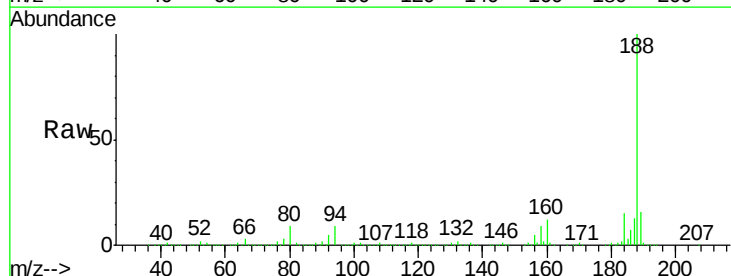


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

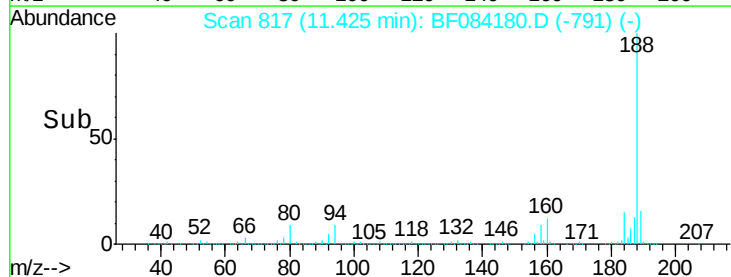
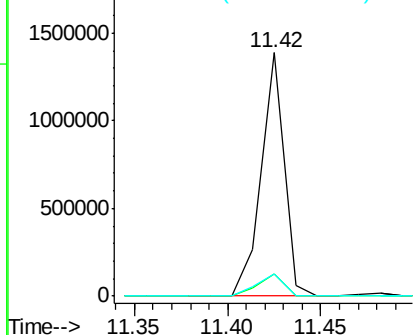


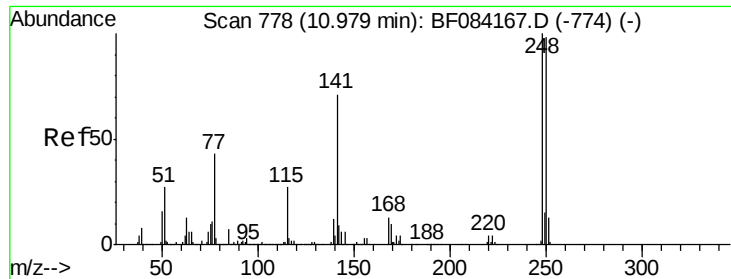
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF084180.D
Acq: 31 Dec 2015 7:28

Tgt Ion:188 Resp: 1179394
Ion Ratio Lower Upper
188 100
94 9.3 9.2 13.8
80 9.2 10.1 15.1#



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

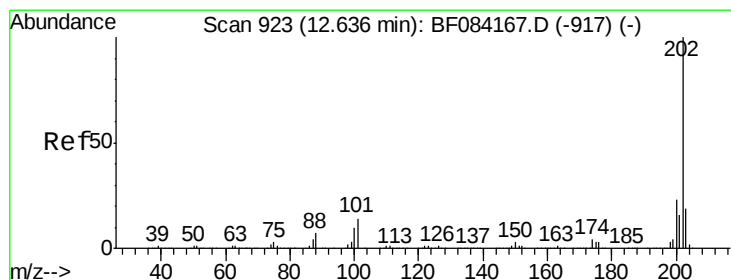
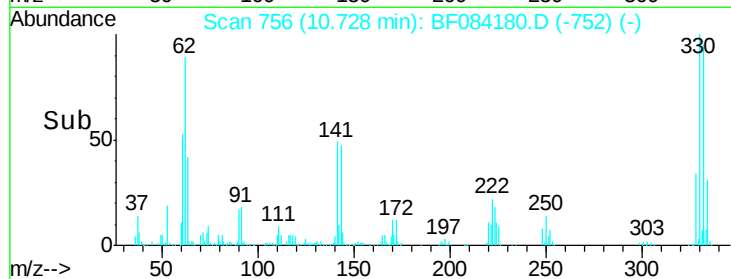
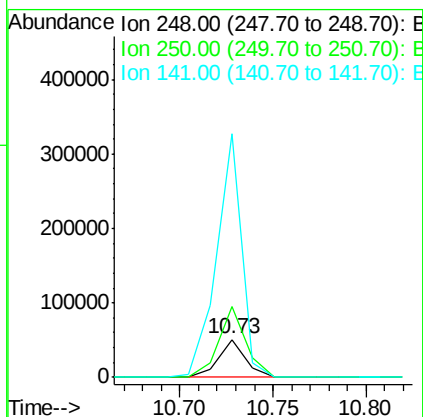
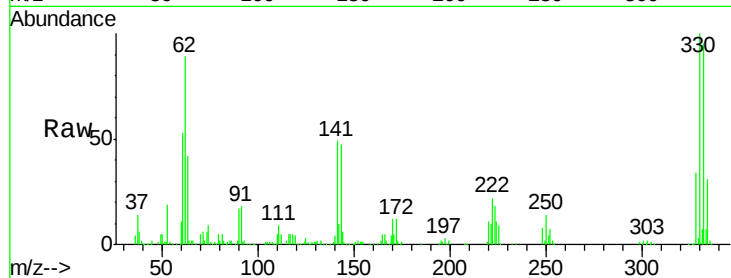




#66
4-Bromophenyl-phenylether
Concen: 4.01 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.25 min
Lab File: BF084180.D
Acq: 31 Dec 2015 7:28

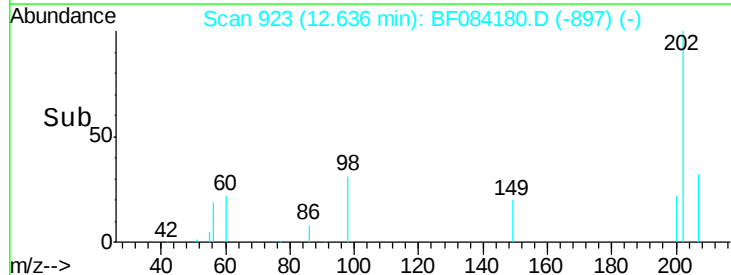
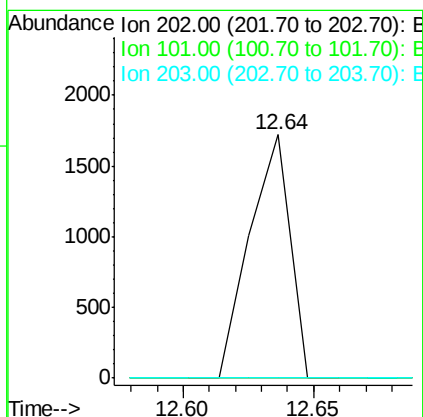
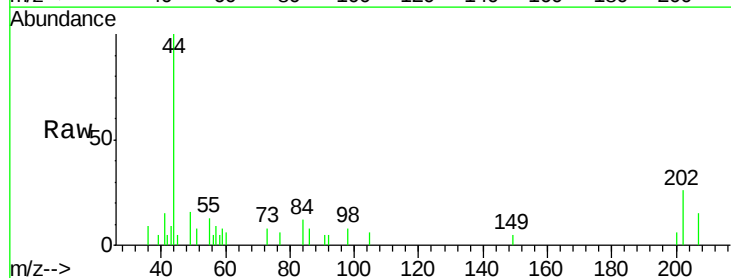
Instrument :
BNA_F
ClientSampleId :

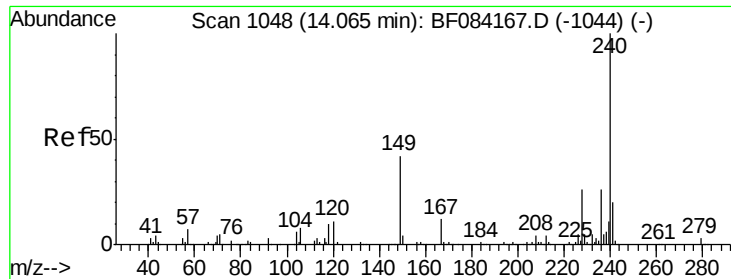
Tot Ion:248 Resp: 50810
Ion Ratio Lower Upper
248 100
250 187.8 78.7 118.1#
141 642.1 57.1 85.7#



#74
Fluoranthene
Concen: Below Cal
RT: 12.64 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF084180.D
Acq: 31 Dec 2015 7:28

Tgt Ion:202 Resp: 1872
Ion Ratio Lower Upper
202 100
101 0.0 0.0 34.0
203 0.0 0.0 39.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF084180.D

Acq: 31 Dec 2015 7:28

Instrument :

BNA_F

ClientSampled :

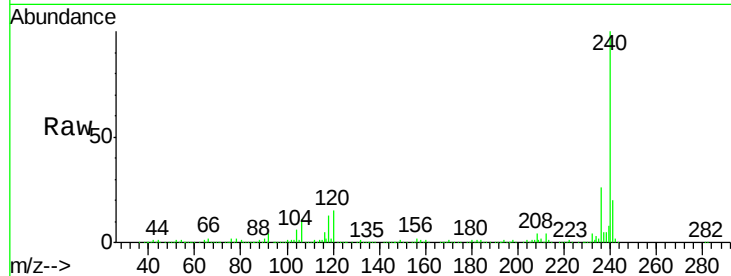
Tot Ion:240 Resp: 947164

Ion Ratio Lower Upper

240 100

120 15.3 8.8 13.2#

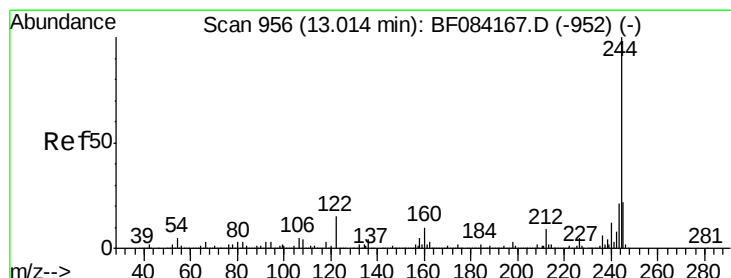
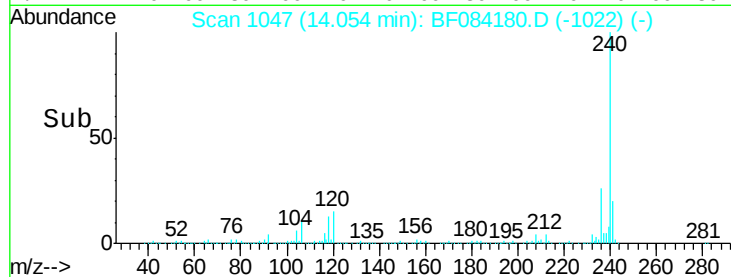
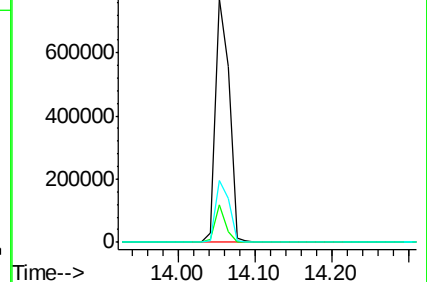
236 25.6 20.8 31.2



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: 80.18 ng

RT: 13.01 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF084180.D

Acq: 31 Dec 2015 7:28

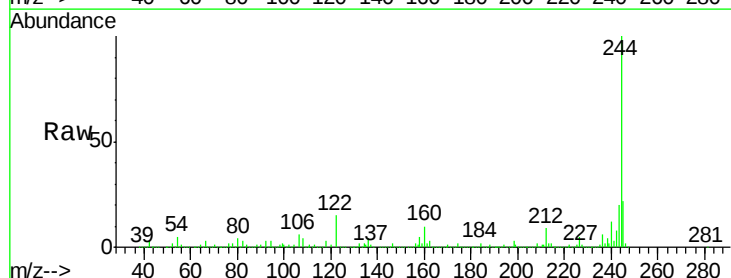
Tgt Ion:244 Resp: 3224261

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.4

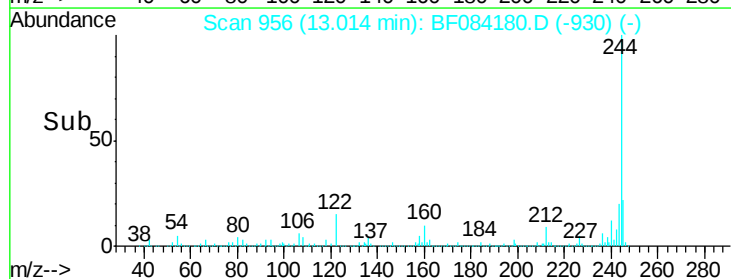
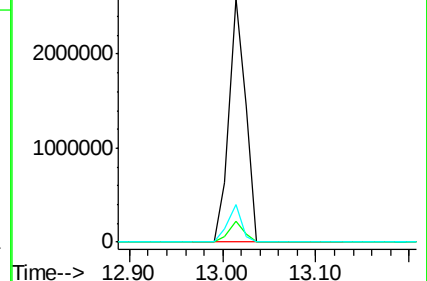
122 15.5 11.9 17.9

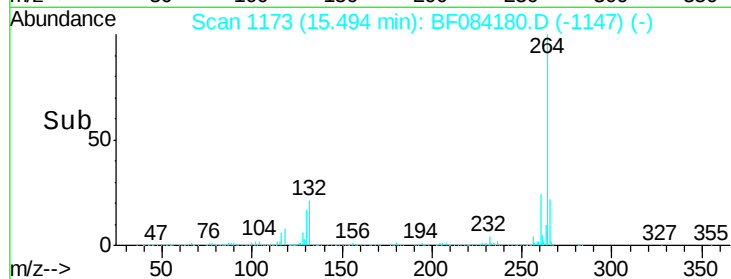
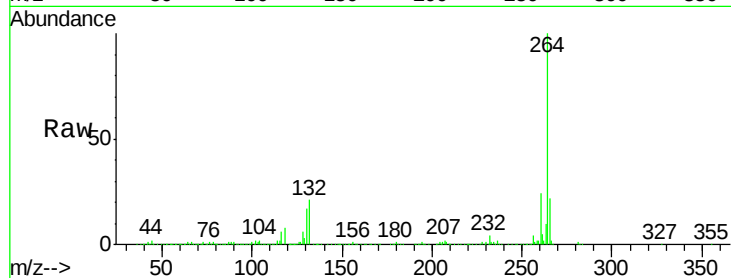
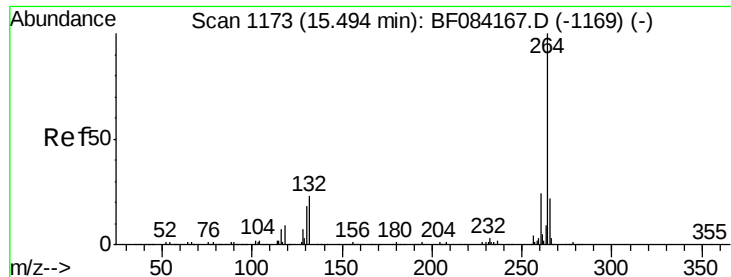


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.49 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BF084180.D
Acq: 31 Dec 2015 7:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	21.6	18.0	27.0

