

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031716\
 Data File : BF085508.D
 Acq On : 17 Mar 2016 23:13
 Operator : UM/SJ
 Sample : H1791-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1603094189

Quant Time: Mar 18 00:51:25 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 18:57:05 2016
 Response via : Initial Calibration

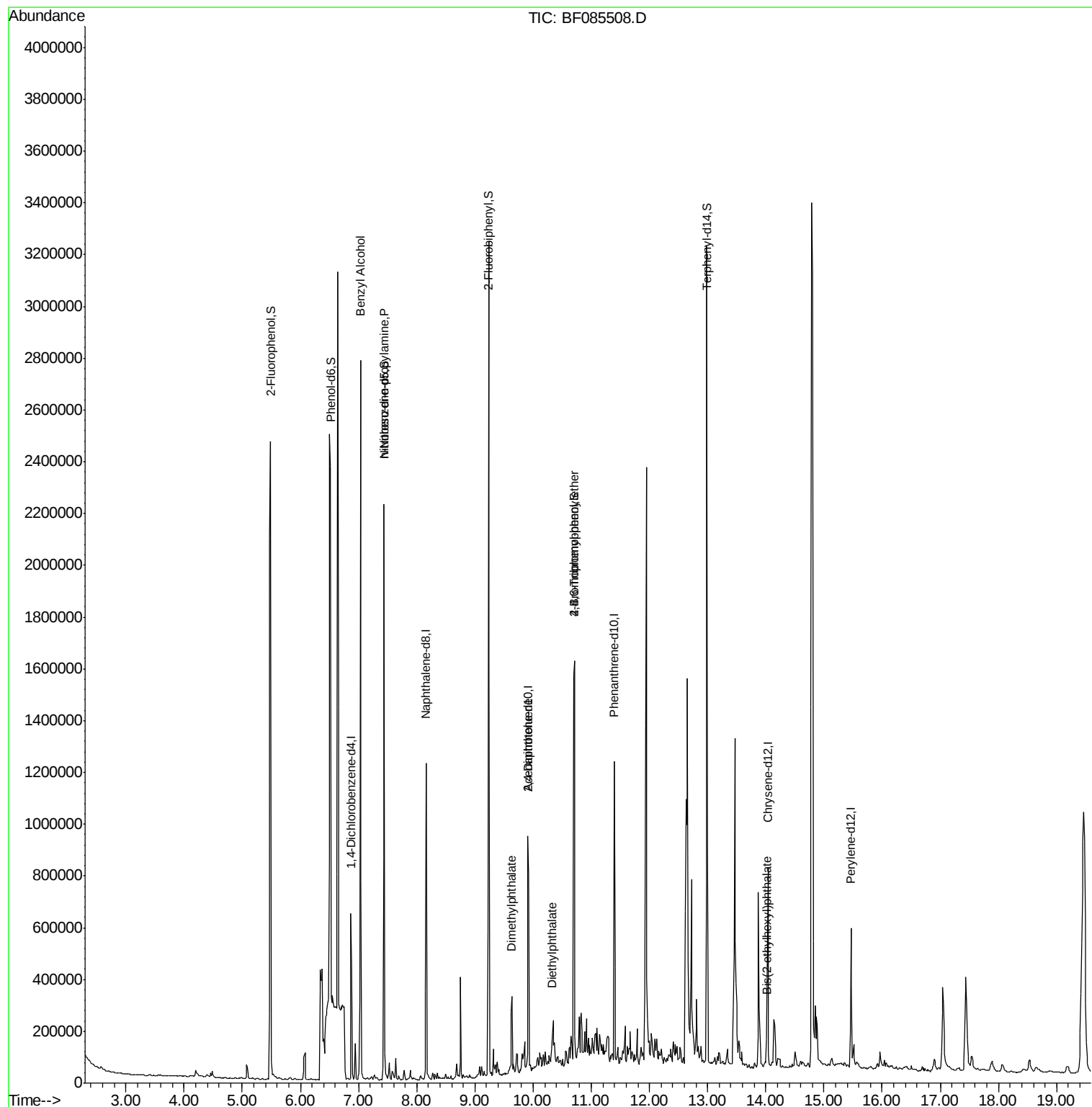
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	128805	20.00	ng	-0.05
21) Naphthalene-d8	8.16	136	548029	20.00	ng	-0.05
38) Acenaphthene-d10	9.91	164	227905	20.00	ng	-0.05
63) Phenanthrene-d10	11.40	188	425131	20.00	ng	-0.05
75) Chrysene-d12	14.04	240	302566	20.00	ng	-0.05
86) Perylene-d12	15.47	264	258683	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1057849	141.17	ng	-0.02
7) Phenol-d6	6.52	99	1348688	138.76	ng	-0.03
23) Nitrobenzene-d5	7.44	82	800707	86.39	ng	-0.05
41) 2,4,6-Tribromophenol	10.71	330	317451	151.23	ng	-0.05
44) 2-Fluorobiphenyl	9.24	172	1272139	96.84	ng	-0.05
78) Terphenyl-d14	12.98	244	1072021	80.15	ng	-0.05
Target Compounds						
15) Benzyl Alcohol	7.03	79	23669	3.41	ng	# 77
19) n-Nitroso-di-n-propylamine	7.44	70	106044	18.22	ng	# 77
49) Dimethylphthalate	9.64	163	155811	9.37	ng	98
56) 2,4-Dinitrotoluene	9.91	165	28648	6.22	ng	# 23
59) Diethylphthalate	10.33	149	34421	2.14	ng	95
66) 4-Bromophenyl-phenylether	10.71	248	20285	4.71	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.01	149	28656	2.37	ng	# 99

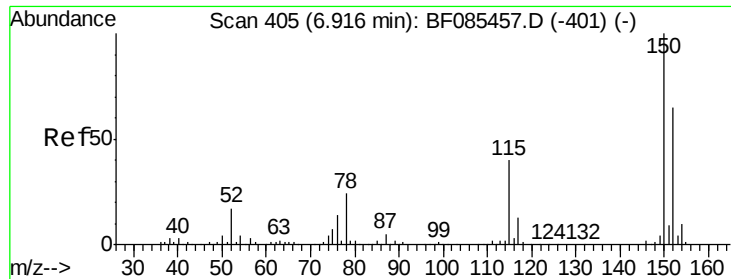
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Mar 15 18:57:05 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.87 min Scan# 401

Delta R.T. -0.05 min

Lab File: BF085508.D

Acq: 17 Mar 2016 23:13

Instrument :

BNA_F

ClientSampleId :

1603094189

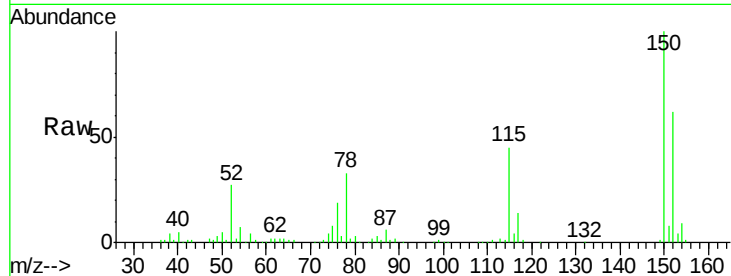
Tgt Ion:152 Resp: 128805

Ion Ratio Lower Upper

152 100

150 162.4 124.6 186.8

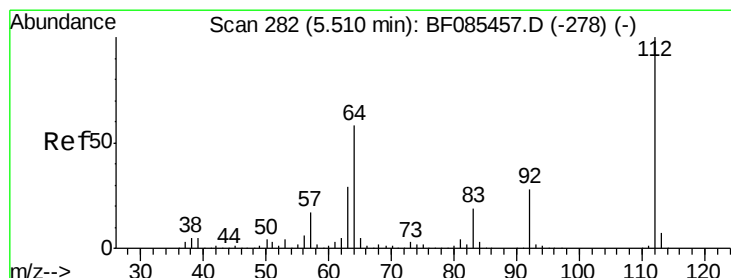
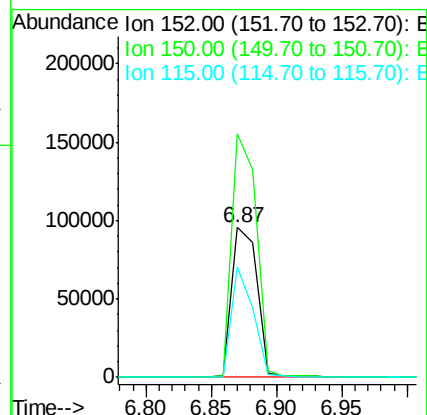
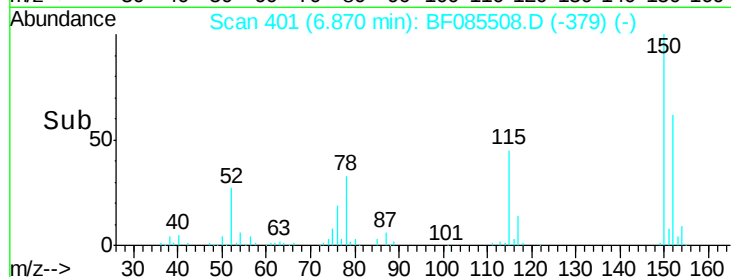
115 73.9 46.6 70.0#



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: 141.17 ng

RT: 5.49 min Scan# 280

Delta R.T. -0.02 min

Lab File: BF085508.D

Acq: 17 Mar 2016 23:13

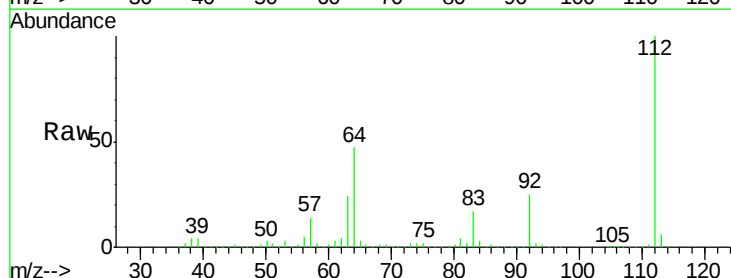
Tgt Ion:112 Resp: 1057849

Ion Ratio Lower Upper

112 100

64 47.1 49.0 73.4#

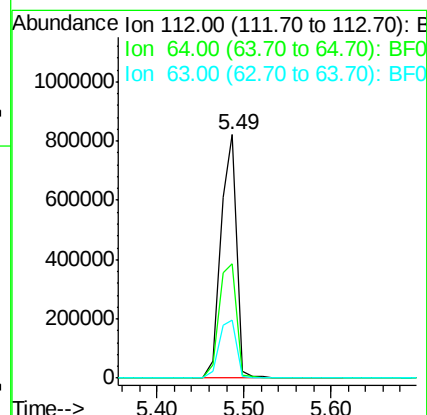
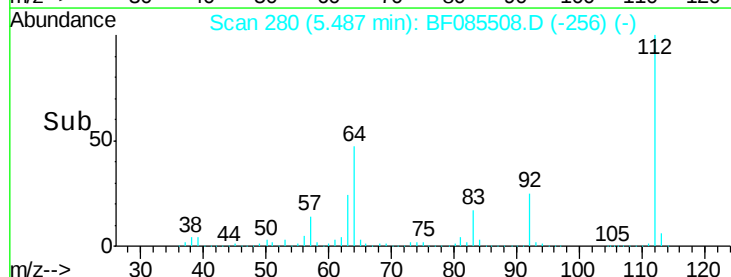
63 23.7 24.8 37.2#

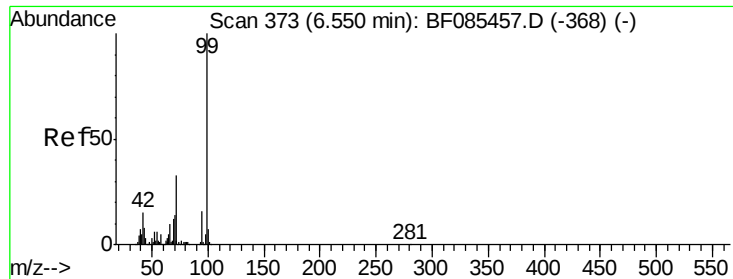


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 138.76 ng

RT: 6.52 min Scan# 370

Delta R.T. -0.03 min

Lab File: BF085508.D

Acq: 17 Mar 2016 23:13

Instrument :

BNA_F

ClientSampleId :

1603094189

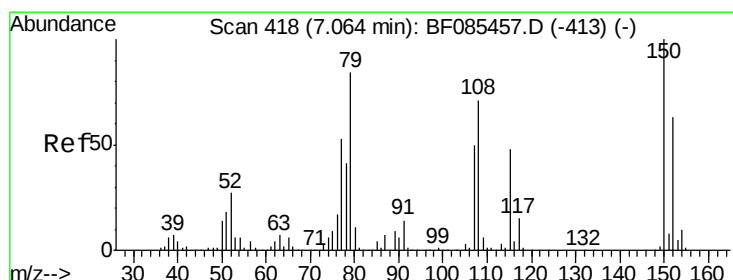
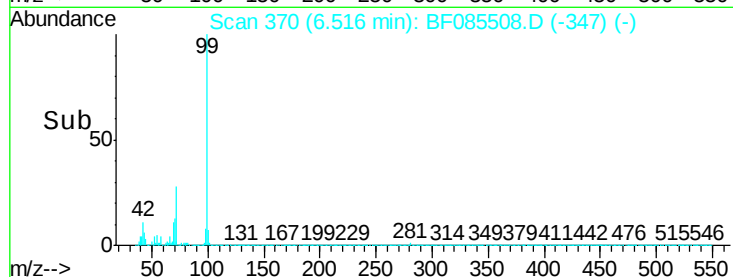
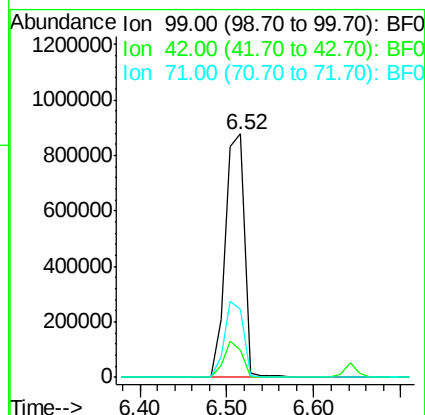
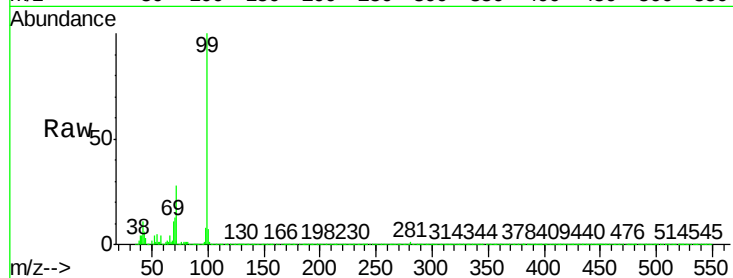
Tgt Ion: 99 Resp: 1348688

Ion Ratio Lower Upper

99 100

42 11.2 13.6 20.4#

71 27.9 26.7 40.1



#15

Benzyl Alcohol

Concen: 3.41 ng

RT: 7.03 min Scan# 415

Delta R.T. -0.03 min

Lab File: BF085508.D

Acq: 17 Mar 2016 23:13

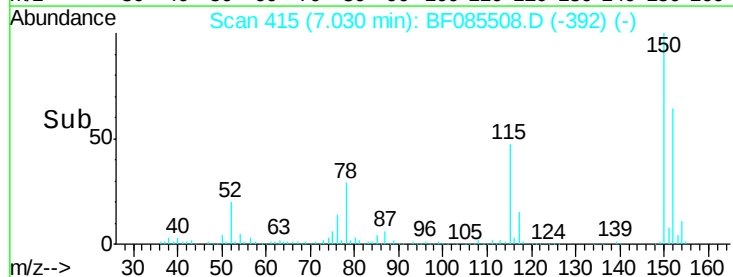
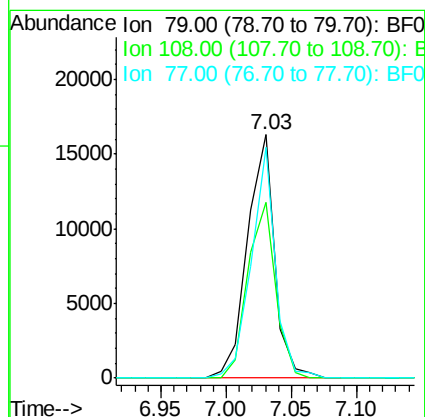
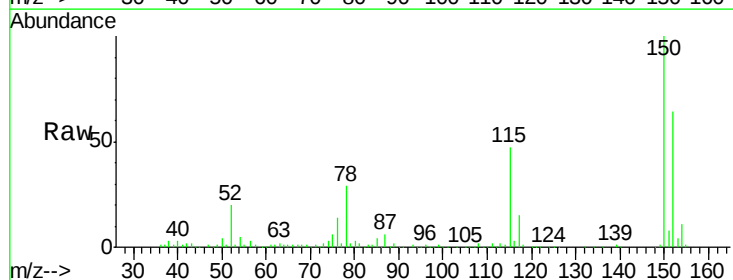
Tgt Ion: 79 Resp: 23669

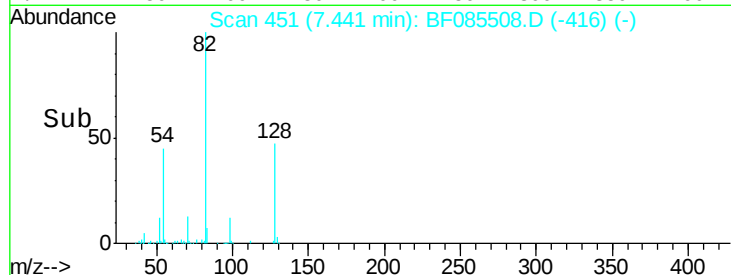
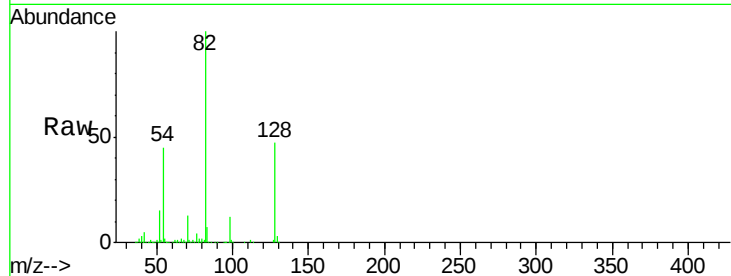
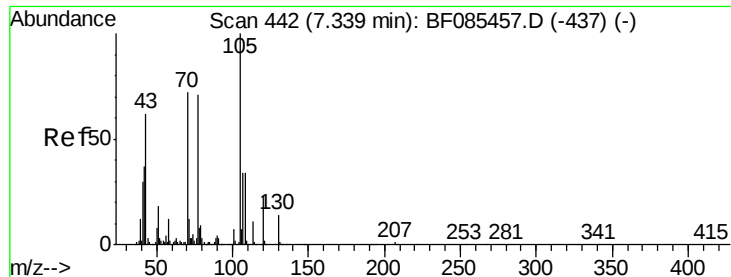
Ion Ratio Lower Upper

79 100

108 72.0 62.9 94.3

77 95.1 49.5 74.3#

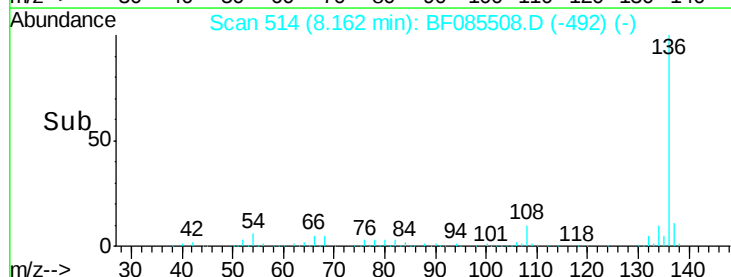
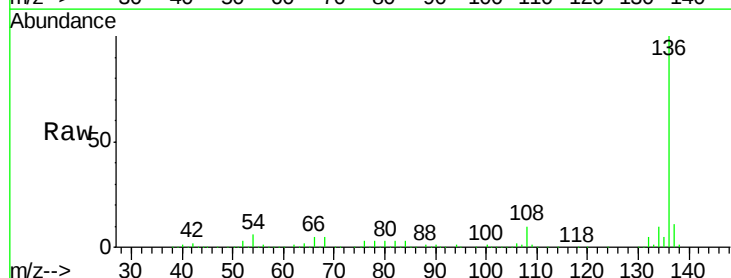
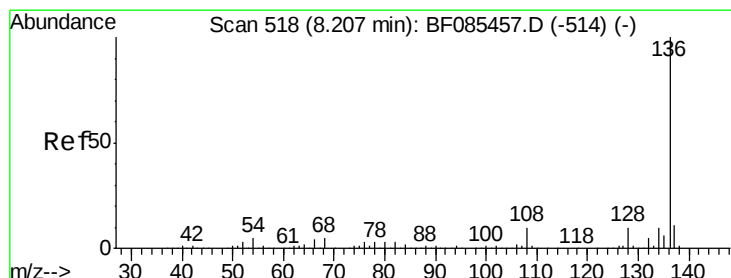
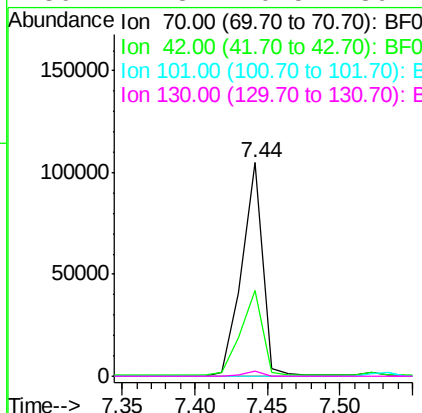




#19
n-Nitroso-di-n-propylamine
Concen: 18.22 ng
RT: 7.44 min Scan# 451
Delta R.T. 0.10 min
Lab File: BF085508.D
Acq: 17 Mar 2016 23:13

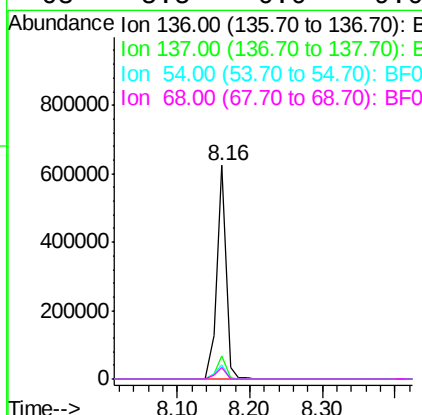
Instrument :
BNA_F
ClientSampleId :
1603094189

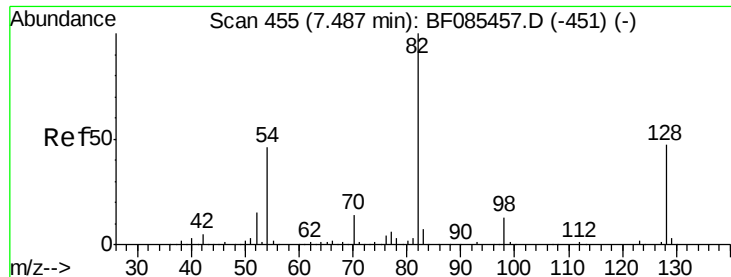
Tgt Ion: 70 Resp: 106044
Ion Ratio Lower Upper
70 100
42 40.3 37.7 56.5
101 0.0 8.2 12.4#
130 2.3 20.5 30.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 514
Delta R.T. -0.05 min
Lab File: BF085508.D
Acq: 17 Mar 2016 23:13

Tgt Ion: 136 Resp: 548029
Ion Ratio Lower Upper
136 100
137 10.9 9.3 13.9
54 6.4 7.4 11.2#
68 5.5 6.0 9.0#





#23

Nitrobenzene-d5

Concen: 86.39 ng

RT: 7.44 min Scan# 451

Delta R.T. -0.05 min

Lab File: BF085508.D

Acq: 17 Mar 2016 23:13

Instrument :

BNA_F

ClientSampled :

1603094189

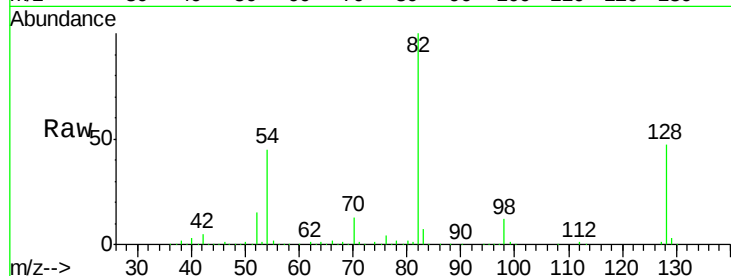
Tgt Ion: 82 Resp: 800707

Ion Ratio Lower Upper

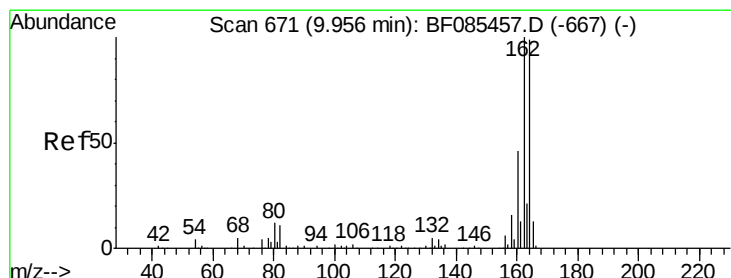
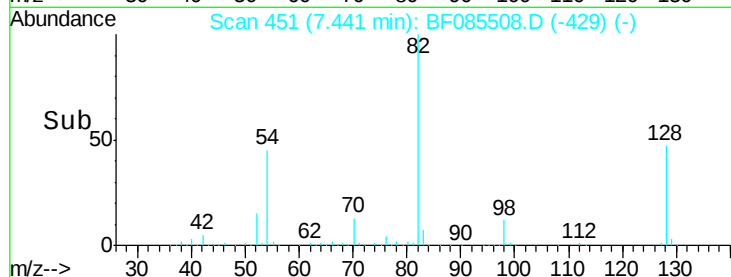
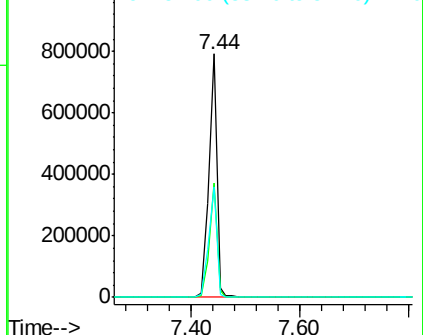
82 100

128 46.7 34.5 51.7

54 45.3 39.3 58.9



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.91 min Scan# 667

Delta R.T. -0.05 min

Lab File: BF085508.D

Acq: 17 Mar 2016 23:13

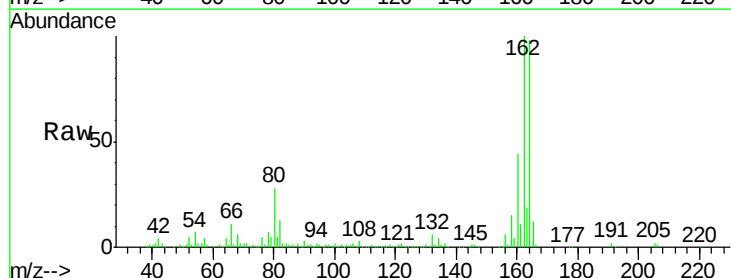
Tgt Ion: 164 Resp: 227905

Ion Ratio Lower Upper

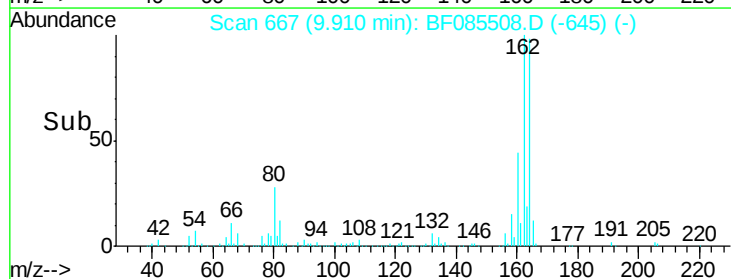
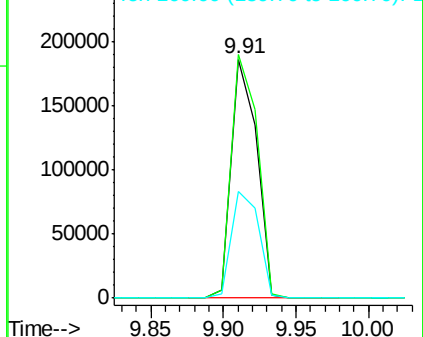
164 100

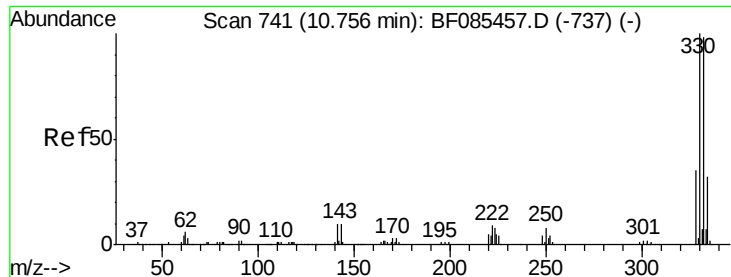
162 101.8 83.3 124.9

160 44.9 37.9 56.9



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

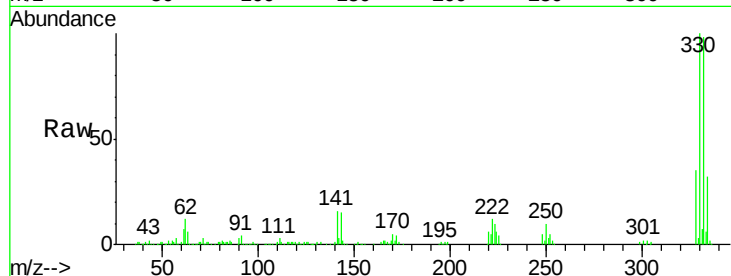




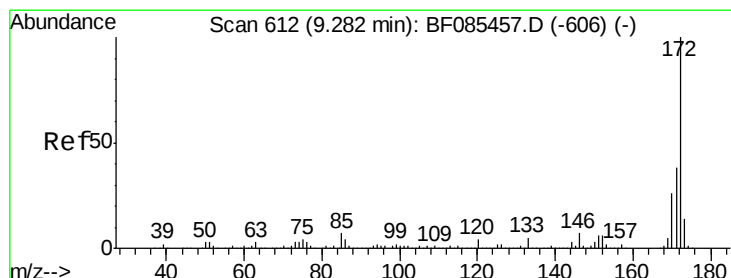
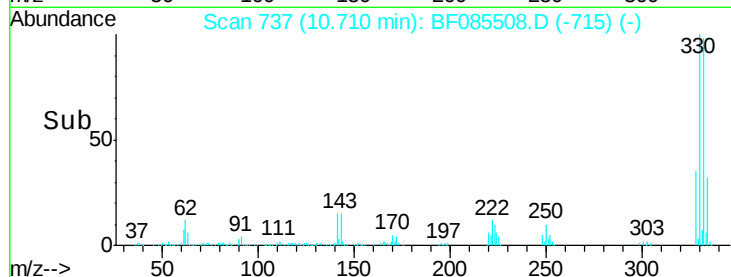
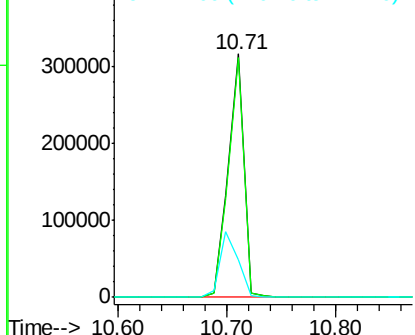
#41
 2,4,6-Tribromophenol
 Concen: 151.23 ng
 RT: 10.71 min Scan# 737
 Delta R.T. -0.05 min
 Lab File: BF085508.D
 Acq: 17 Mar 2016 23:13

Instrument :
 BNA_F
 ClientSampleId :
 1603094189

Tgt Ion:330 Resp: 317451
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.1 115.7
 141 31.6 35.0 52.6#

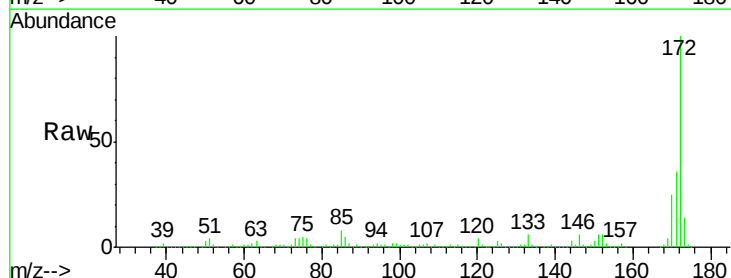


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

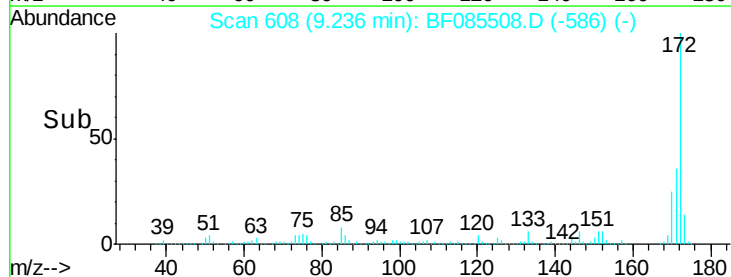
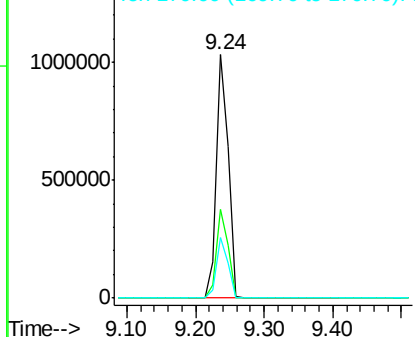


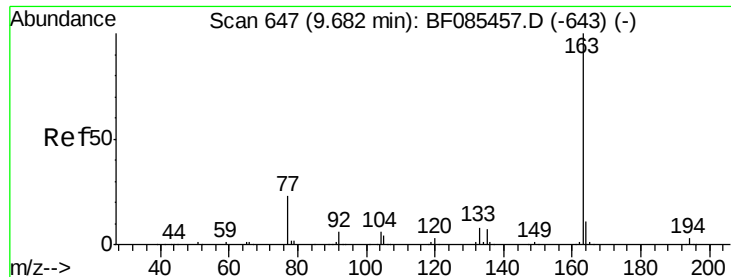
#44
 2-Fluorobiphenyl
 Concen: 96.84 ng
 RT: 9.24 min Scan# 608
 Delta R.T. -0.05 min
 Lab File: BF085508.D
 Acq: 17 Mar 2016 23:13

Tgt Ion:172 Resp: 1272139
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.3 43.9
 170 24.7 20.0 30.0



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: 9.37 ng

RT: 9.64 min Scan# 643

Delta R.T. -0.05 min

Lab File: BF085508.D

Acq: 17 Mar 2016 23:13

Instrument :

BNA_F

ClientSampleId :

1603094189

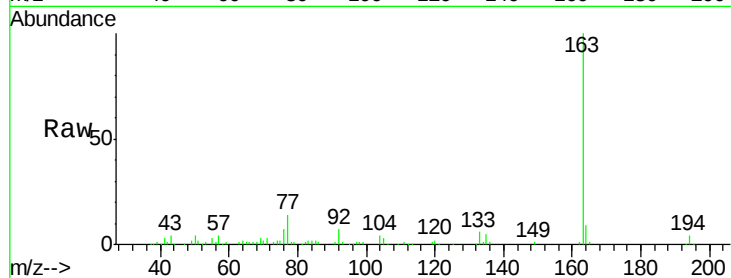
Tgt Ion:163 Resp: 155811

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

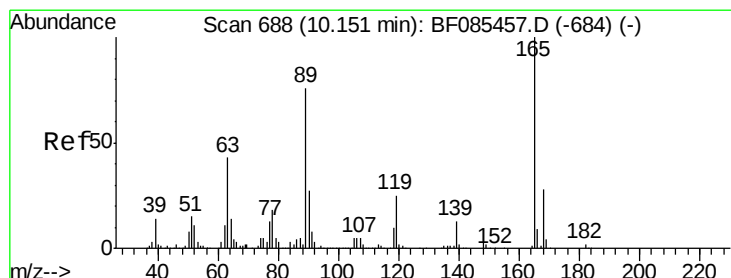
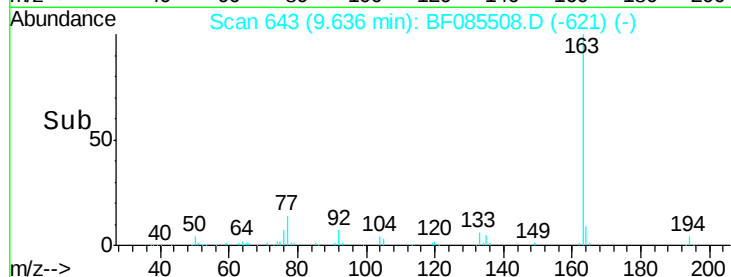
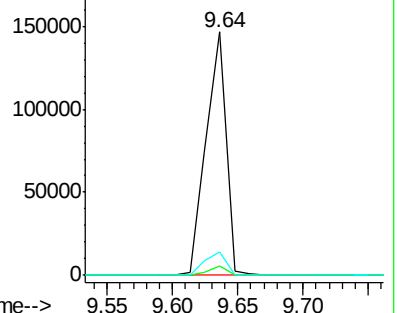
164 9.4 8.2 12.4



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



#56

2,4-Dinitrotoluene

Concen: 6.22 ng

RT: 9.91 min Scan# 667

Delta R.T. -0.24 min

Lab File: BF085508.D

Acq: 17 Mar 2016 23:13

Tgt Ion:165 Resp: 28648

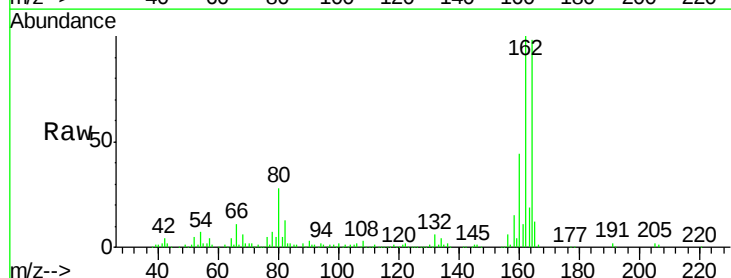
Ion Ratio Lower Upper

165 100

63 2.2 35.4 53.0#

89 2.6 61.9 92.9#

182 0.0 1.9 2.9#

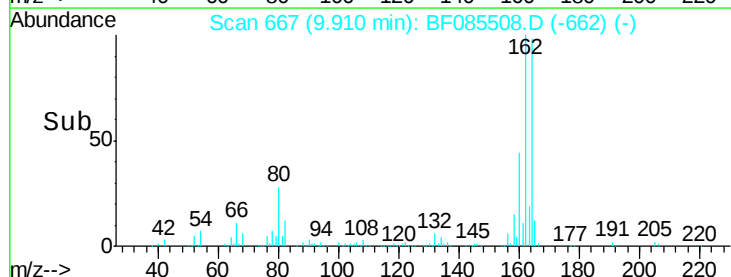
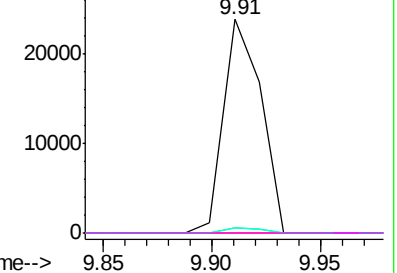


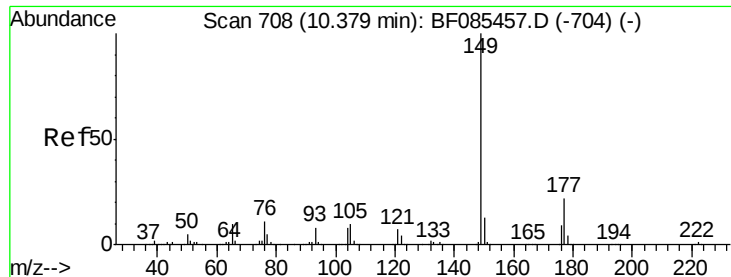
Abundance Ion 165.00 (164.70 to 165.70): E

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

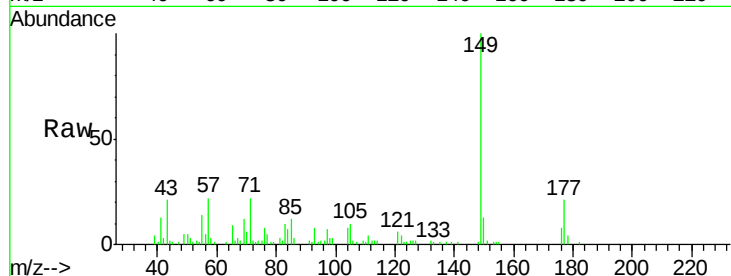




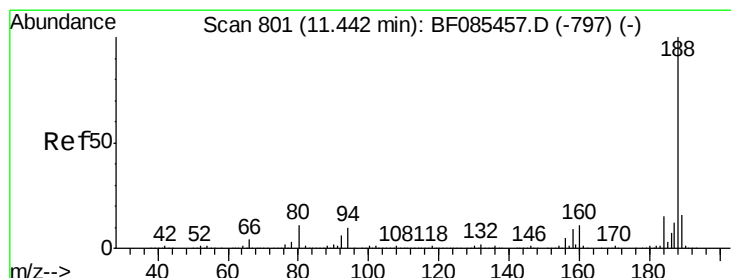
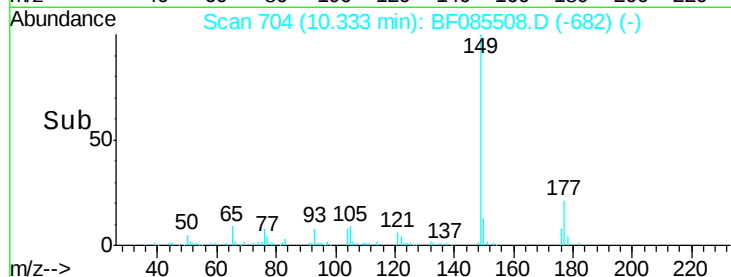
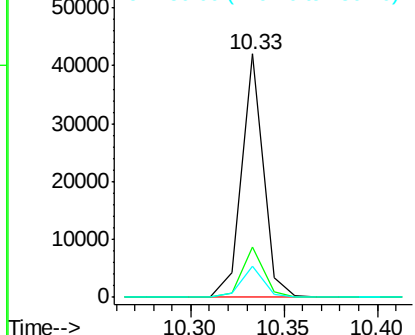
#59
Diethylphthalate
Concen: 2.14 ng
RT: 10.33 min Scan# 704
Delta R.T. -0.05 min
Lab File: BF085508.D
Acq: 17 Mar 2016 23:13

Instrument :
BNA_F
ClientSampleId :
1603094189

Tgt Ion:149 Resp: 34421
Ion Ratio Lower Upper
149 100
177 20.8 19.2 28.8
150 12.8 9.9 14.9

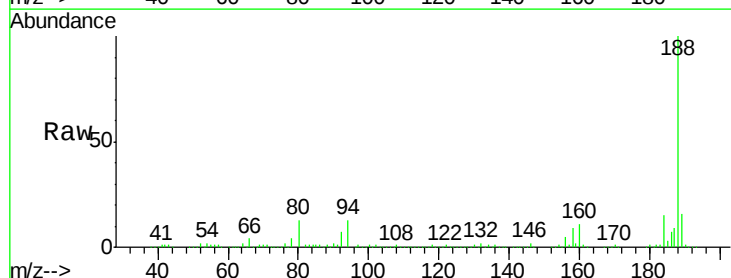


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

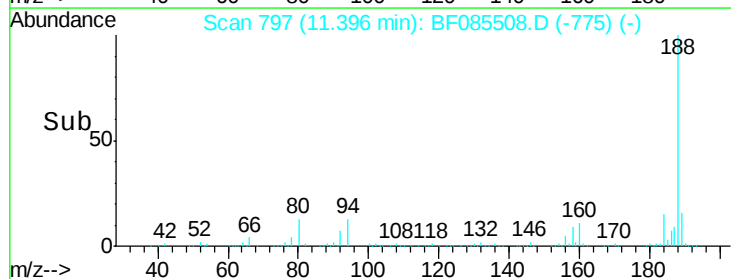
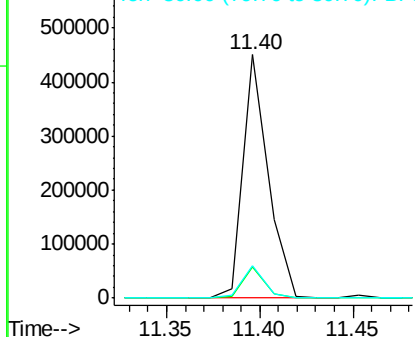


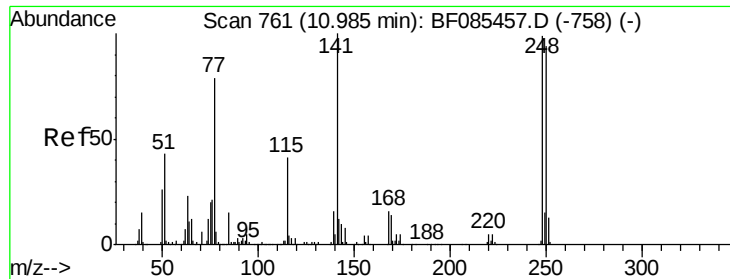
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 797
Delta R.T. -0.05 min
Lab File: BF085508.D
Acq: 17 Mar 2016 23:13

Tgt Ion:188 Resp: 425131
Ion Ratio Lower Upper
188 100
94 12.6 7.0 10.6#
80 13.4 7.4 11.0#



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

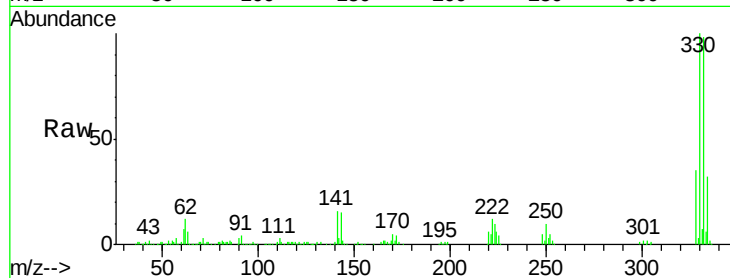




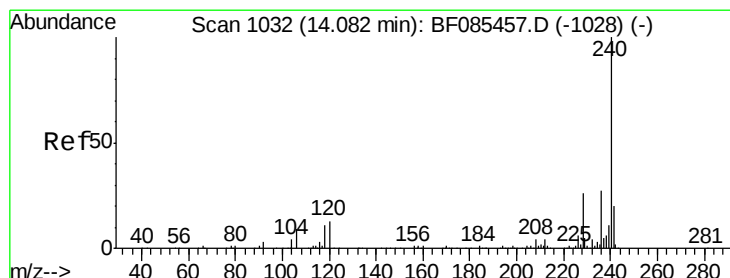
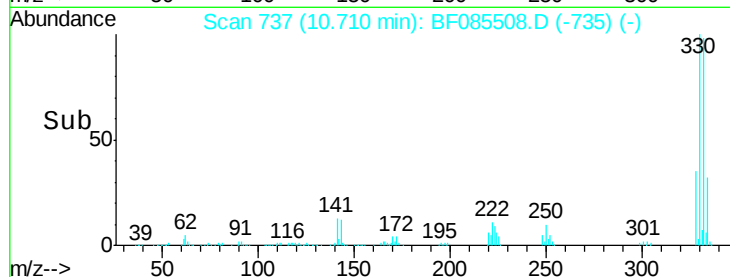
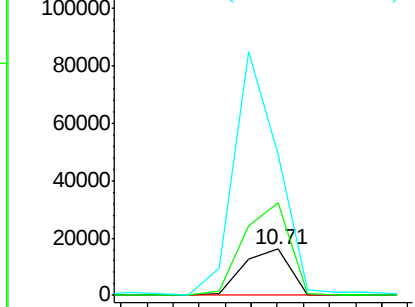
#66
 4-Bromophenyl-phenylether
 Concen: 4.71 ng
 RT: 10.71 min Scan# 737
 Delta R.T. -0.27 min
 Lab File: BF085508.D
 Acq: 17 Mar 2016 23:13

Instrument :
 BNA_F
 ClientSampled :
 1603094189

Tgt Ion:248 Resp: 20285
 Ion Ratio Lower Upper
 248 100
 250 200.1 77.1 115.7#
 141 305.3 66.2 99.2#

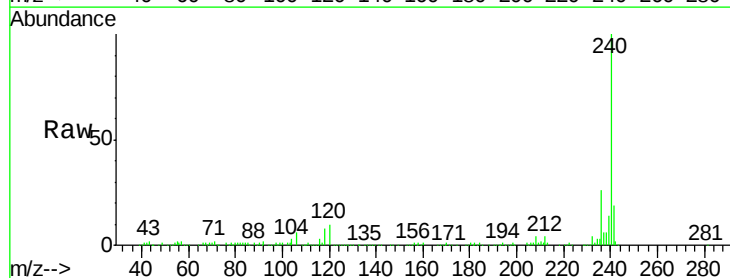


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

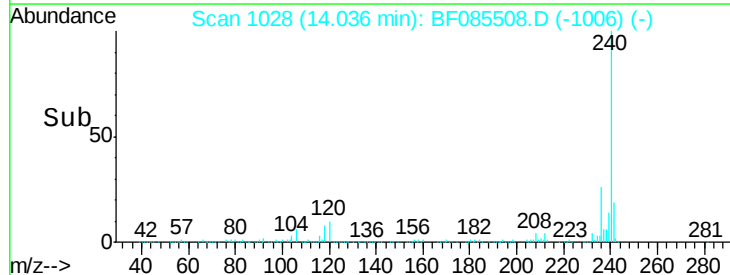
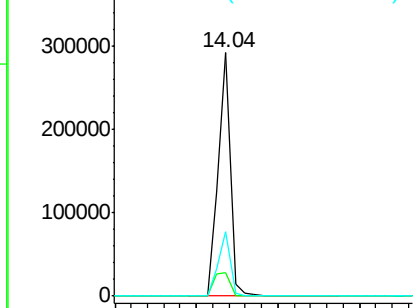


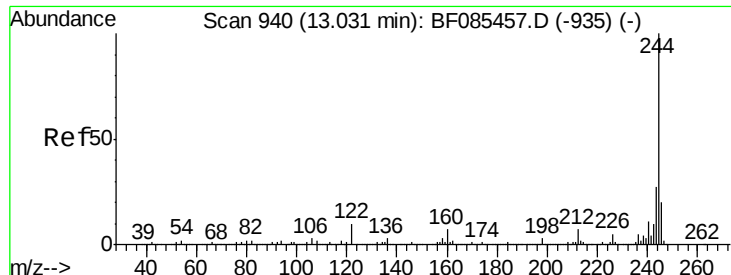
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.04 min Scan# 1028
 Delta R.T. -0.05 min
 Lab File: BF085508.D
 Acq: 17 Mar 2016 23:13

Tgt Ion:240 Resp: 302566
 Ion Ratio Lower Upper
 240 100
 120 9.5 5.3 7.9#
 236 26.4 20.7 31.1



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

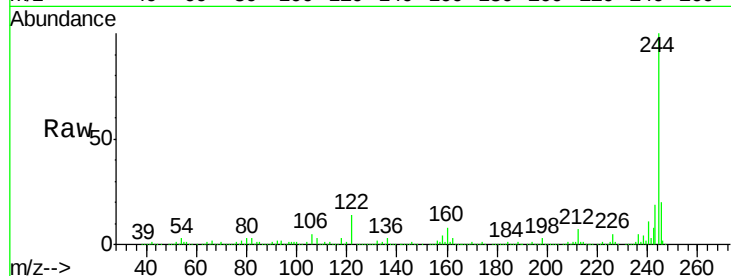




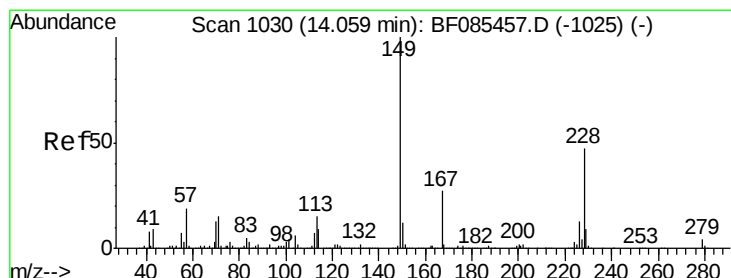
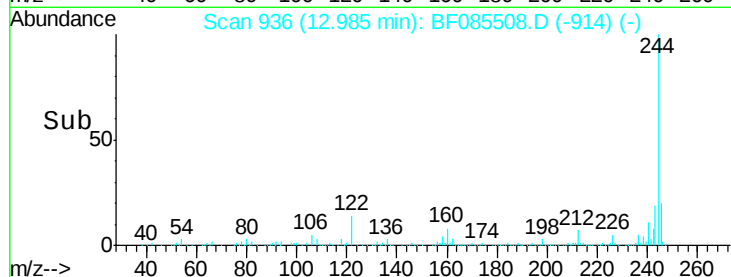
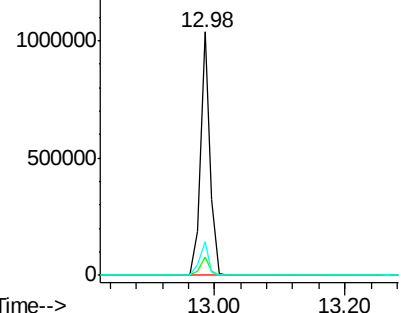
#78
 Terphenyl-d14
 Concen: 80.15 ng
 RT: 12.98 min Scan# 936
 Delta R.T. -0.05 min
 Lab File: BF085508.D
 Acq: 17 Mar 2016 23:13

Instrument :
 BNA_F
 ClientSampleId :
 1603094189

Tgt Ion:244 Resp: 1072021
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.4 9.6
 122 13.8 11.4 17.2

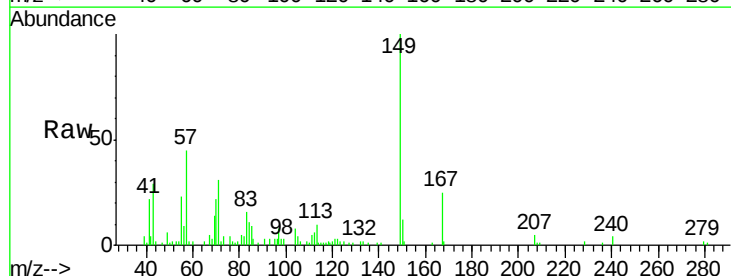


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

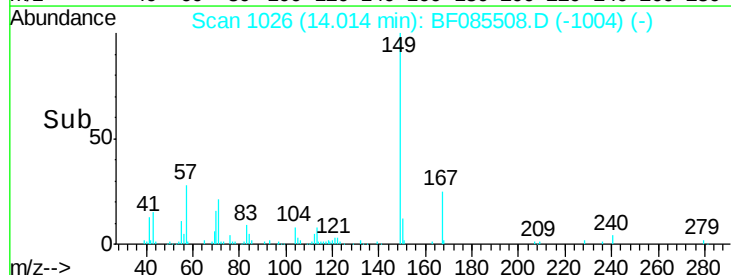
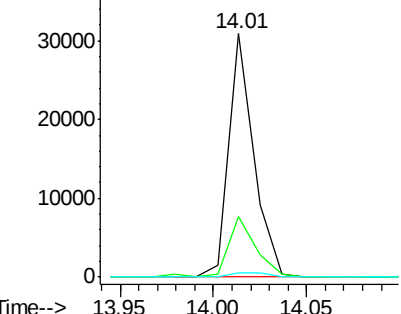


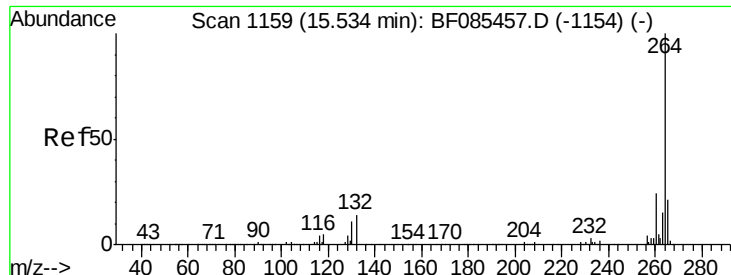
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.37 ng
 RT: 14.01 min Scan# 1026
 Delta R.T. -0.05 min
 Lab File: BF085508.D
 Acq: 17 Mar 2016 23:13

Tgt Ion:149 Resp: 28656
 Ion Ratio Lower Upper
 149 100
 167 25.0 20.3 30.5
 279 1.8 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 1153
Delta R.T. -0.07 min
Lab File: BF085508.D
Acq: 17 Mar 2016 23:13

Instrument :
BNA_F
ClientSampleId :
1603094189

Tgt Ion: 264 Resp: 258683
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 21.6 17.3 25.9

