

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090415\
 Data File : BF081452.D
 Acq On : 5 Sep 2015 8:09
 Operator : UM/IZ
 Sample : G3558-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 07 01:58:59 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 07 01:54:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	53328	20.00	ng	-0.01
21) Naphthalene-d8	7.64	136	198324	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	89744	20.00	ng	-0.01
63) Phenanthrene-d10	10.84	188	163722	20.00	ng	-0.01
75) Chrysene-d12	13.45	240	109121	20.00	ng	-0.01
86) Perylene-d12	14.77	264	82178	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.90	112	359472	104.58	ng	0.00
7) Phenol-d6	6.02	99	287056	63.09	ng	-0.01
23) Nitrobenzene-d5	6.95	82	778624	189.42	ng	0.00
41) 2,4,6-Tribromophenol	10.18	330	236742	296.27	ng	0.00
44) 2-Fluorobiphenyl	8.73	172	1126330	160.83	ng	0.00
78) Terphenyl-d14	12.44	244	937872	200.07	ng	0.00

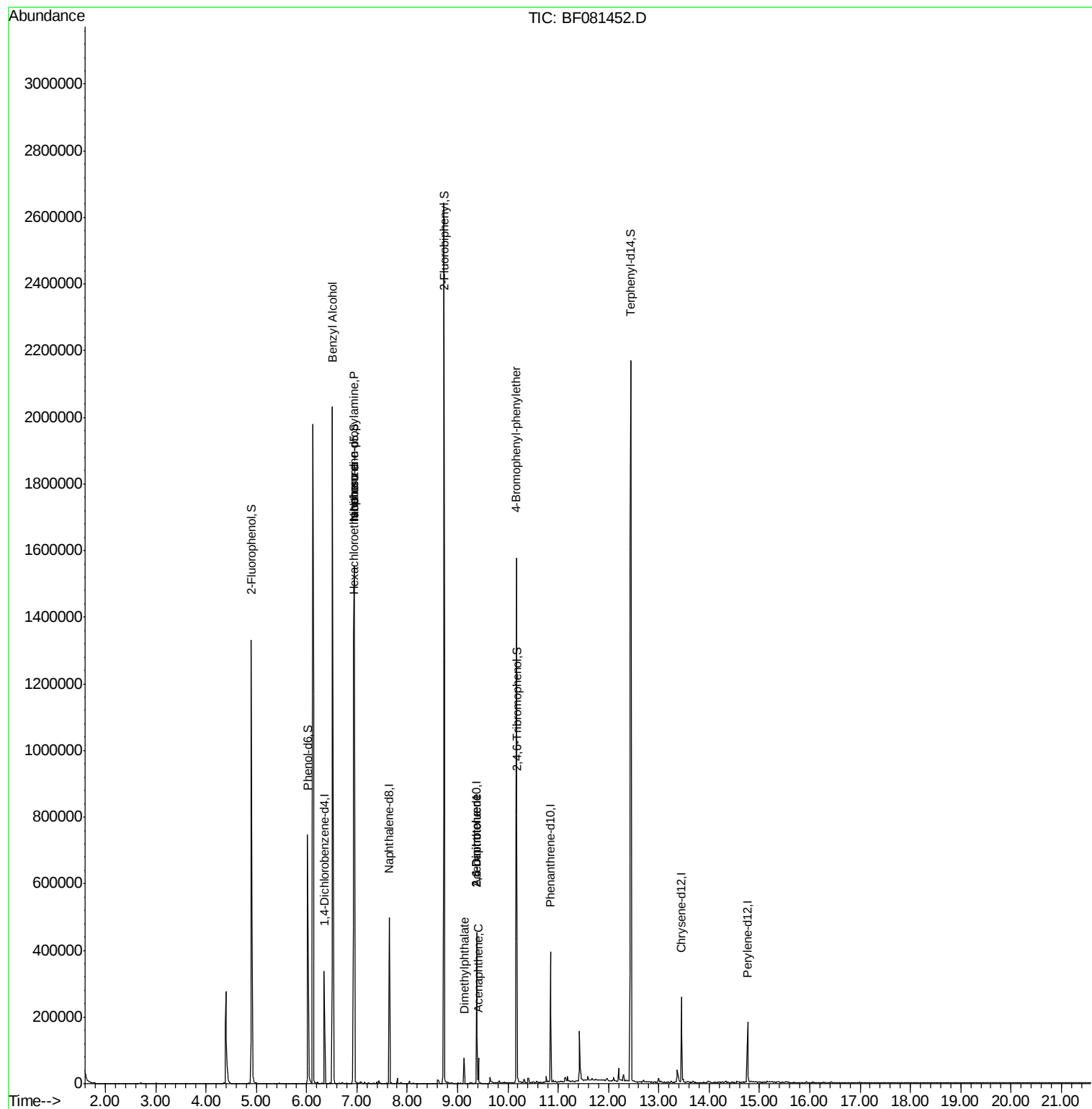
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	6.51	79	10689	2.86	ng	# 32
18) Hexachloroethane	6.94	117	3328	2.08	ng	# 5
19) n-Nitroso-di-n-propylamine	6.95	70	105471	34.06	ng	# 57
25) Isophorone	6.95	82	669145	87.52	ng	# 58
49) Dimethylphthalate	9.13	163	25525	3.66	ng	# 98
50) 2,6-Dinitrotoluene	9.38	165	11406	7.21	ng	# 37
51) Acenaphthene	9.42	154	15891	2.64	ng	# 88
56) 2,4-Dinitrotoluene	9.38	165	11406	5.66	ng	# 31
66) 4-Bromophenyl-phenylether	10.17	248	15160	9.16	ng	# 1

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

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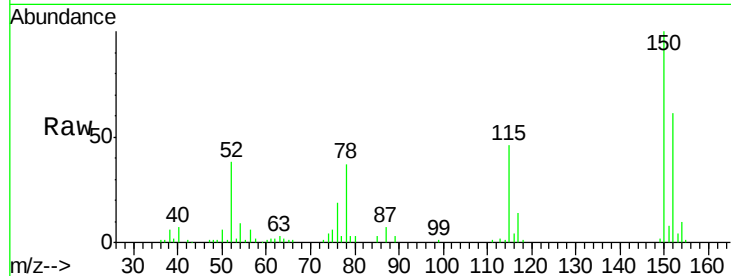


#1

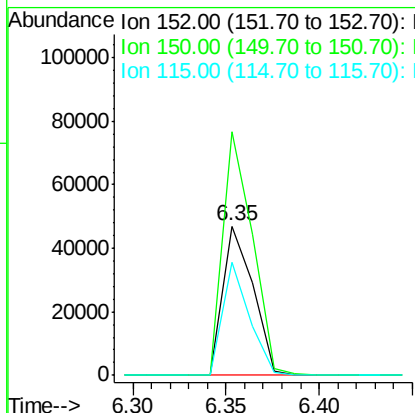
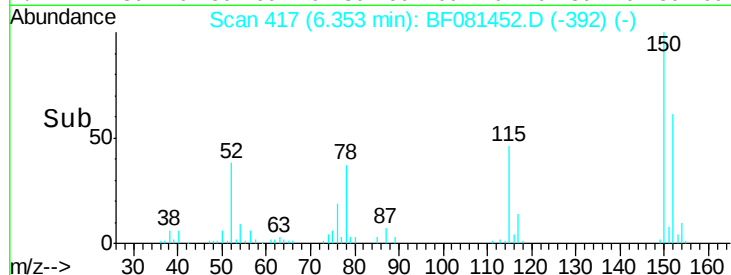
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF081452.D
Acq: 5 Sep 2015 8:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 53328
Ion Ratio Lower Upper
152 100
150 162.9 124.7 187.1
115 75.3 39.0 58.4#



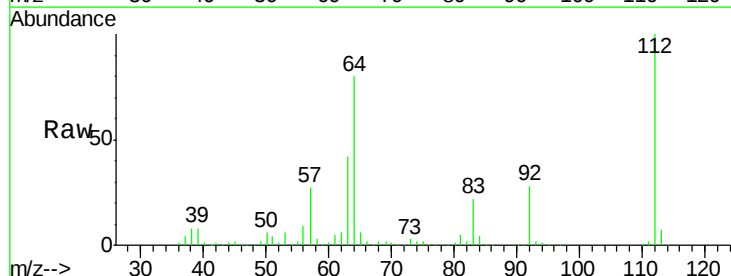
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



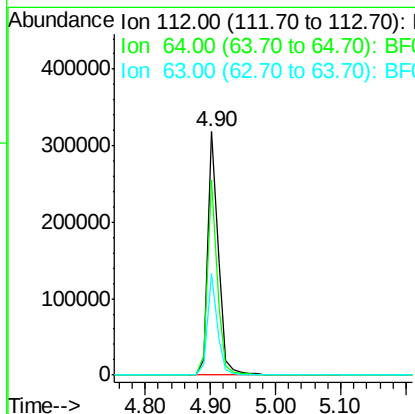
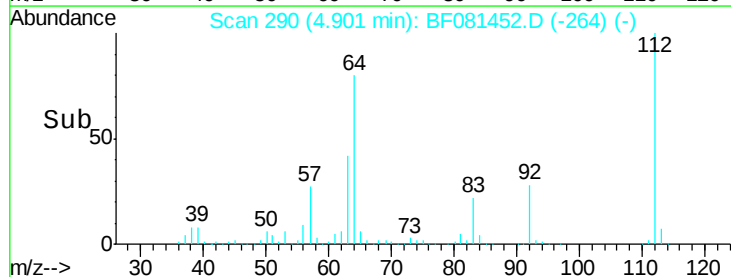
#5

2-Fluorophenol
Concen: 104.58 ng
RT: 4.90 min Scan# 290
Delta R.T. 0.00 min
Lab File: BF081452.D
Acq: 5 Sep 2015 8:09

Tgt Ion:112 Resp: 359472
Ion Ratio Lower Upper
112 100
64 79.8 39.7 59.5#
63 41.8 17.4 26.0#



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: 63.09 ng

RT: 6.02 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF081452.D

Acq: 5 Sep 2015 8:09

Instrument :

BNA_F

ClientSampleId :

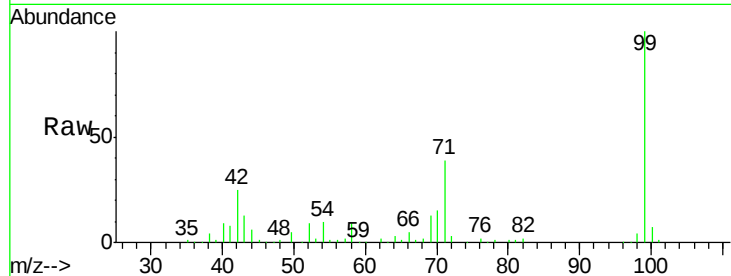
Tot Ion: 99 Resp: 287056

Ion Ratio Lower Upper

99 100

42 25.0 13.7 20.5#

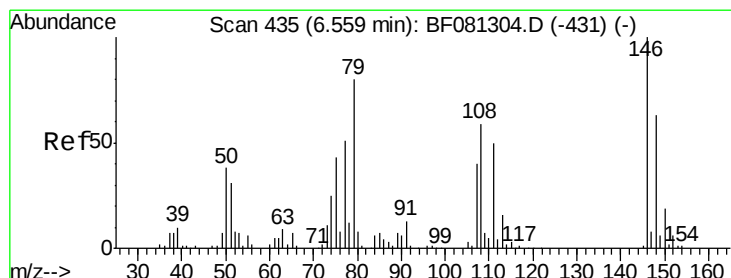
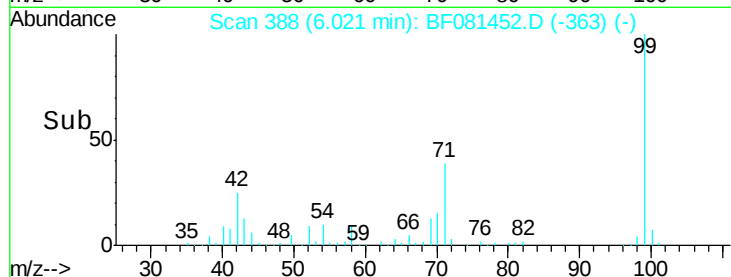
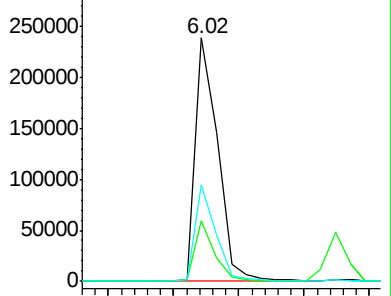
71 39.5 14.2 21.2#



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



#15

Benzyl Alcohol

Concen: 2.86 ng

RT: 6.51 min Scan# 431

Delta R.T. -0.01 min

Lab File: BF081452.D

Acq: 5 Sep 2015 8:09

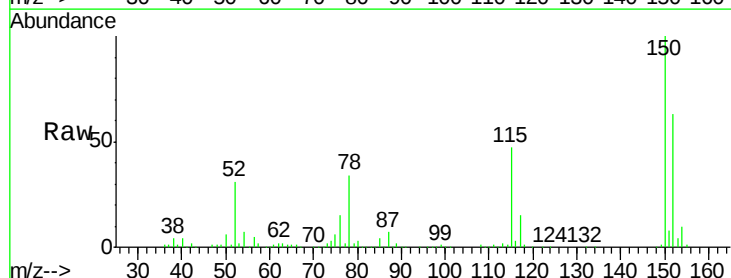
Tgt Ion: 79 Resp: 10689

Ion Ratio Lower Upper

79 100

108 27.1 88.6 132.8#

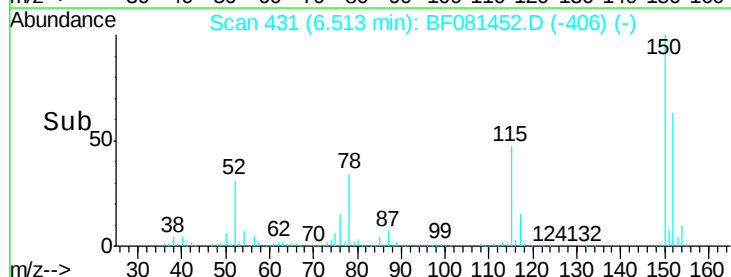
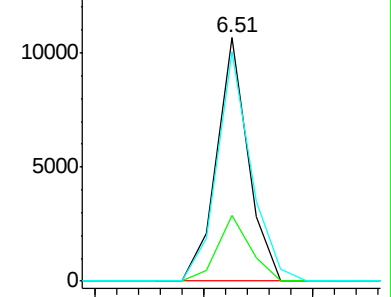
77 94.4 47.0 70.4#

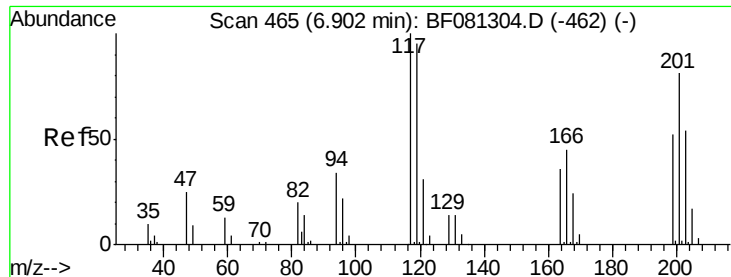


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

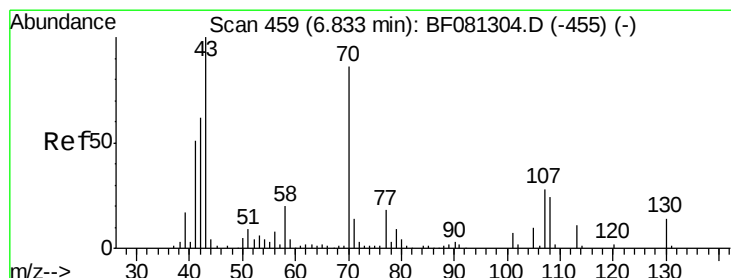
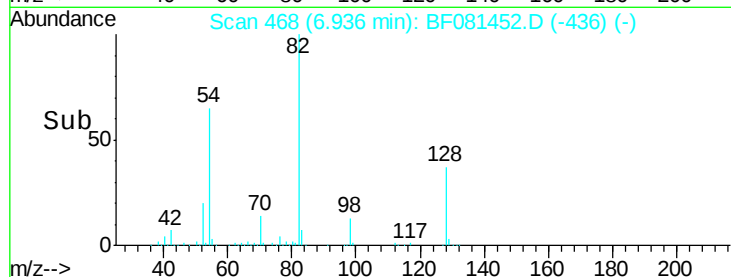
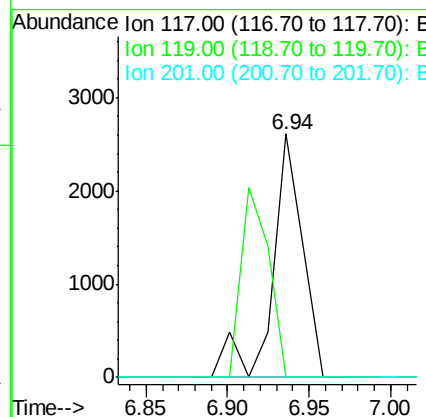
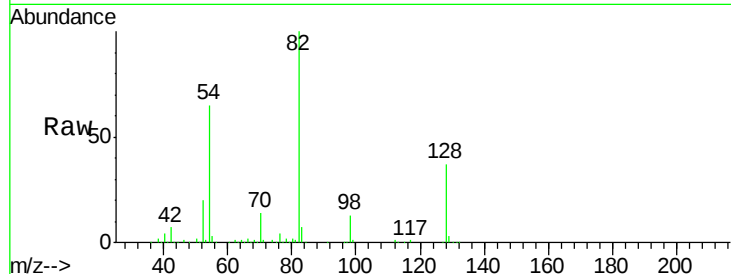




#18
Hexachloroethane
Concen: 2.08 ng
RT: 6.94 min Scan# 468
Delta R.T. 0.07 min
Lab File: BF081452.D
Acq: 5 Sep 2015 8:09

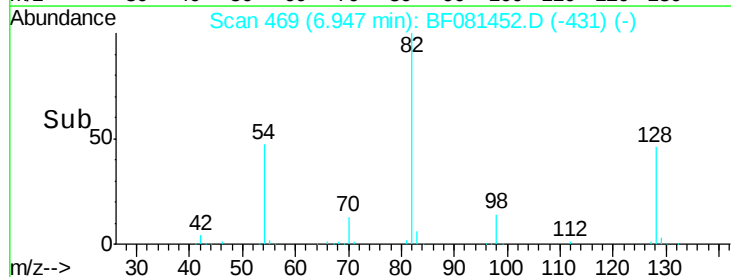
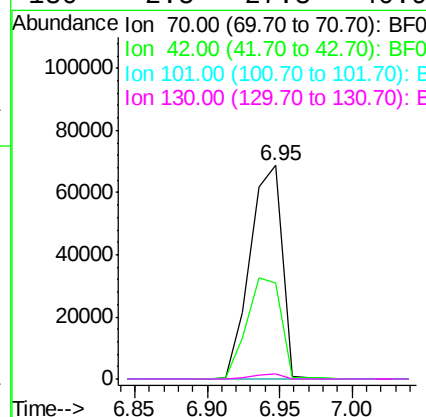
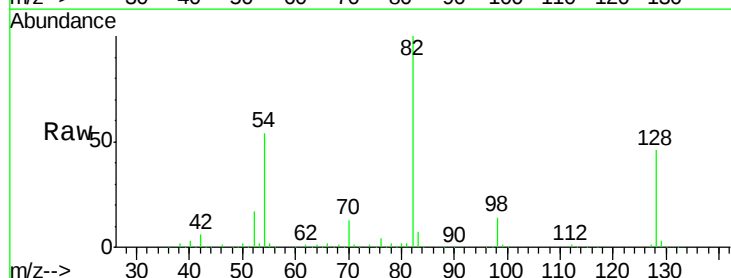
Instrument :
BNA_F
ClientSampled :

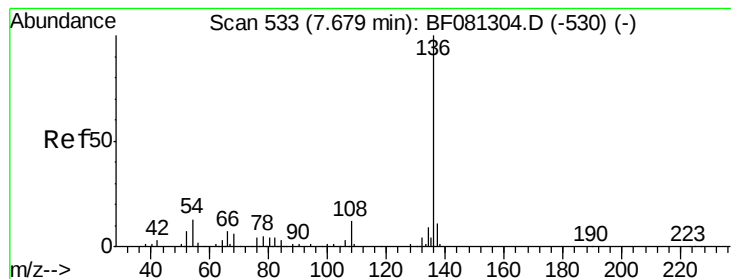
Tot Ion: 117 Resp: 3328
Ion Ratio Lower Upper
117 100
119 0.0 83.8 125.6#
201 0.0 55.1 82.7#



#19
n-Nitroso-di-n-propylamine
Concen: 34.06 ng
RT: 6.95 min Scan# 469
Delta R.T. 0.14 min
Lab File: BF081452.D
Acq: 5 Sep 2015 8:09

Tgt Ion: 70 Resp: 105471
Ion Ratio Lower Upper
70 100
42 45.2 63.8 95.6#
101 0.0 9.2 13.8#
130 2.5 27.3 40.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF081452.D

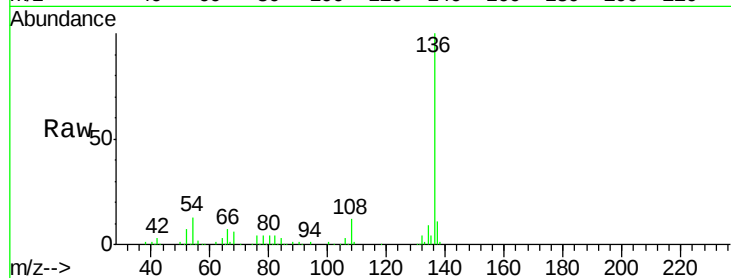
Acq: 5 Sep 2015 8:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	198324
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.0 13.6
54	12.9	8.2 12.2#
68	5.8	5.8 8.6

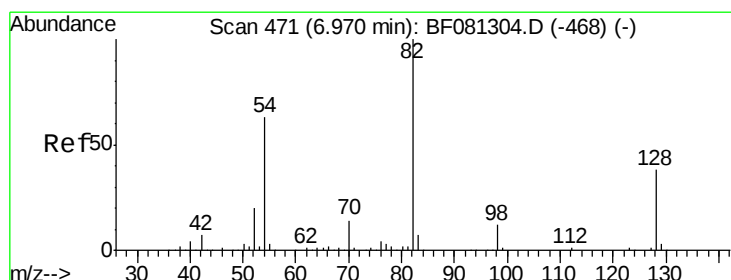
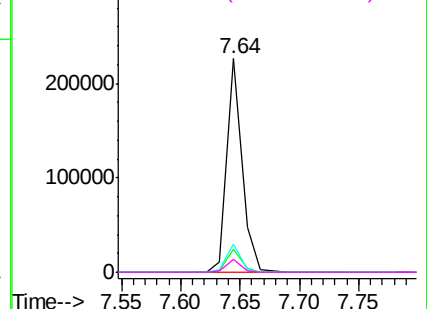
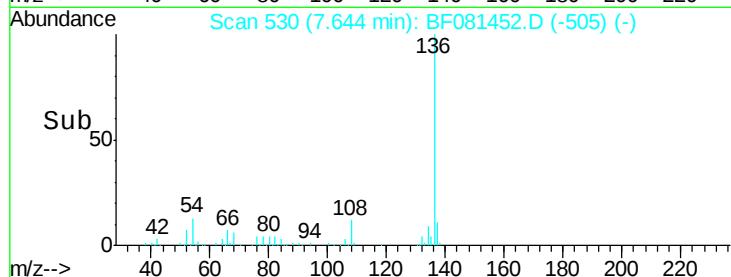


Abundance Ion 136.00 (135.70 to 136.70): E

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: 189.42 ng

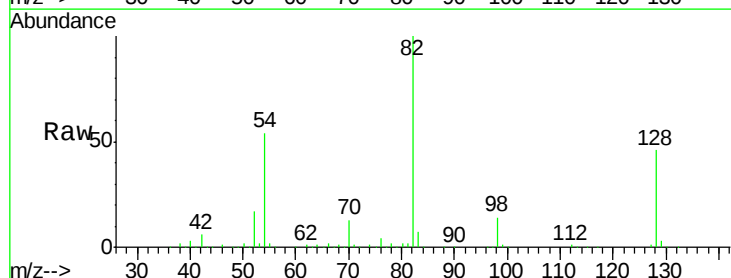
RT: 6.95 min Scan# 469

Delta R.T. 0.00 min

Lab File: BF081452.D

Acq: 5 Sep 2015 8:09

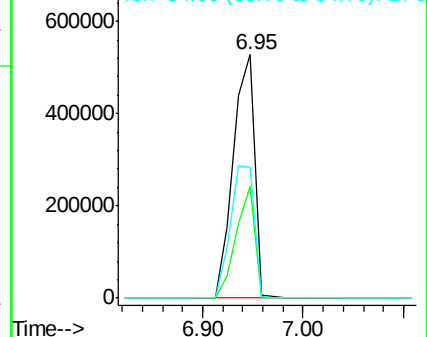
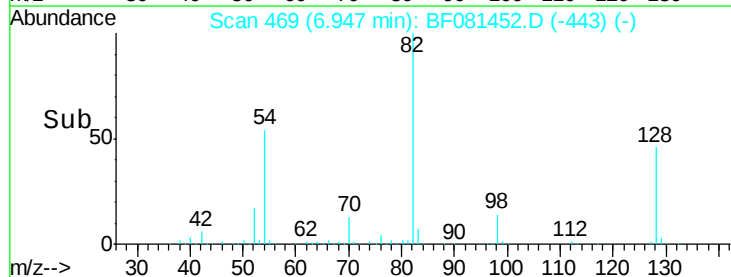
Tgt Ion: 82	Resp:	778624
Ion Ratio	Lower	Upper
82	100	
128	45.7	51.0 76.6#
54	54.0	47.5 71.3

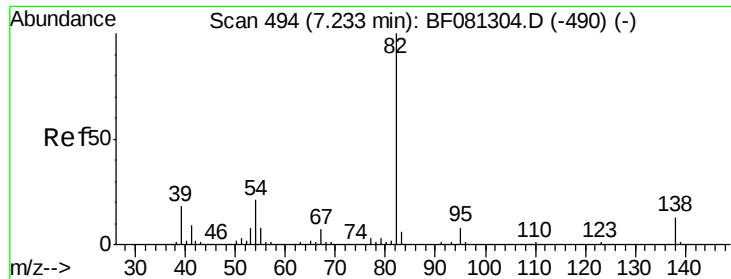


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 87.52 ng

RT: 6.95 min Scan# 469

Delta R.T. -0.26 min

Lab File: BF081452.D

Acq: 5 Sep 2015 8:09

Instrument :

BNA_F

ClientSampleId :

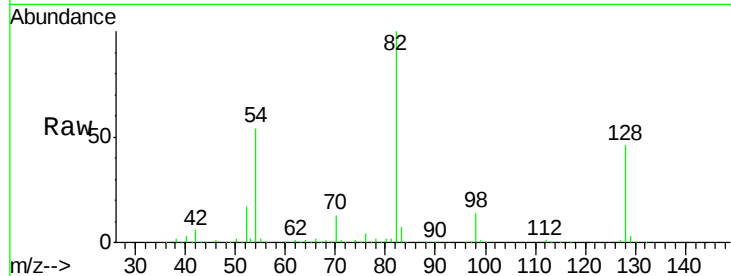
Tot Ion: 82 Resp: 669145

Ion Ratio Lower Upper

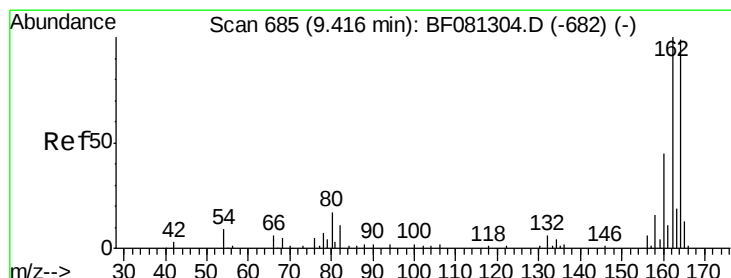
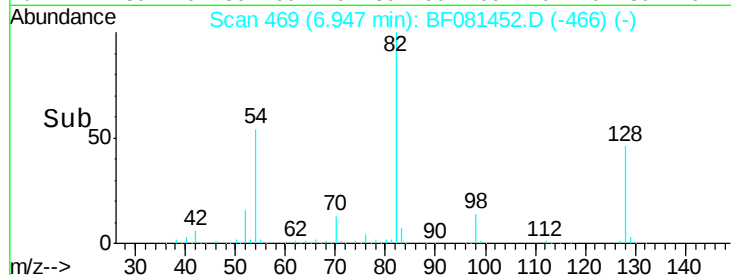
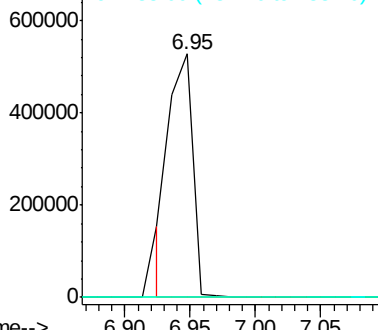
82 100

95 0.0 4.0 6.0#

138 0.0 18.3 27.5#



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: 9.38 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF081452.D

Acq: 5 Sep 2015 8:09

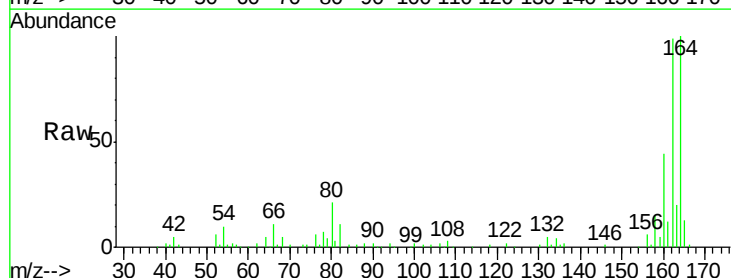
Tgt Ion: 164 Resp: 89744

Ion Ratio Lower Upper

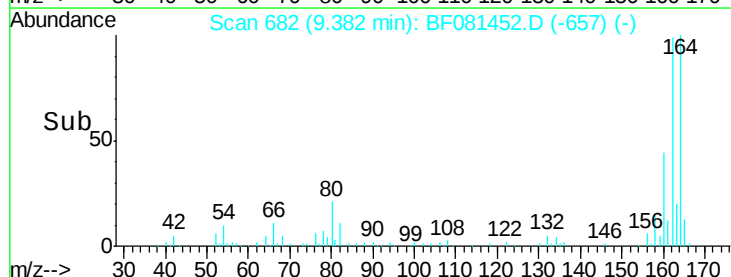
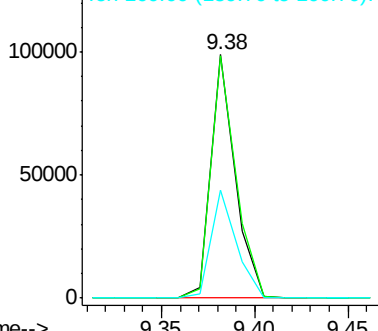
164 100

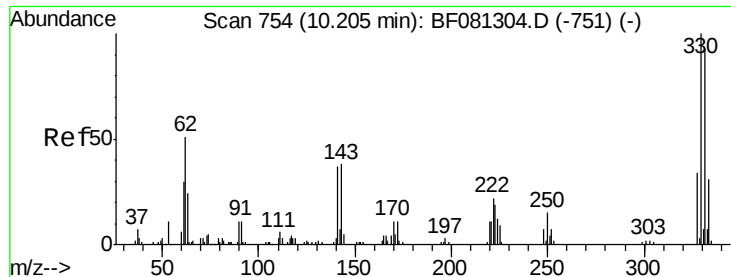
162 99.4 75.2 112.8

160 44.4 31.5 47.3



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

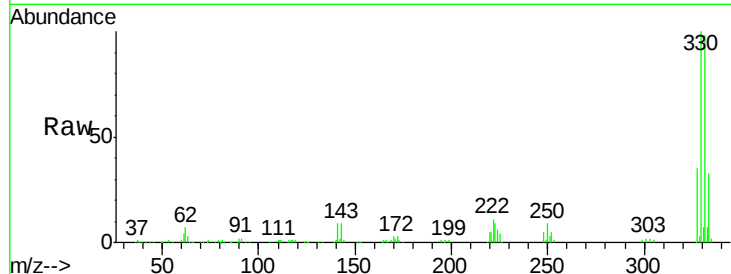




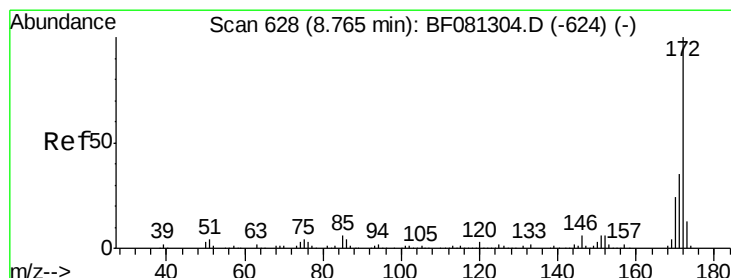
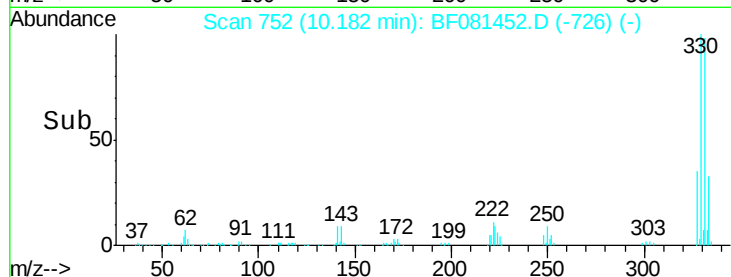
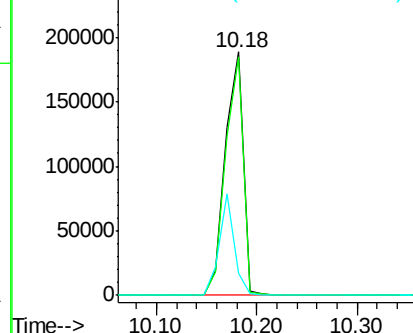
#41
 2,4,6-Tribromophenol
 Concen: 296.27 ng
 RT: 10.18 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF081452.D
 Acq: 5 Sep 2015 8:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 236742
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 114.8
 141 35.2 29.7 44.5

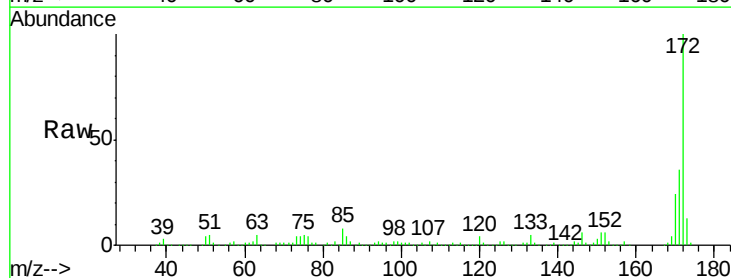


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

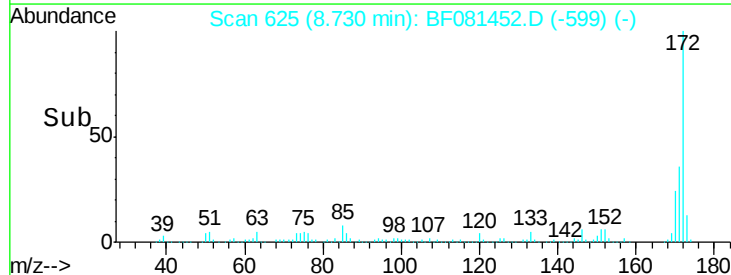
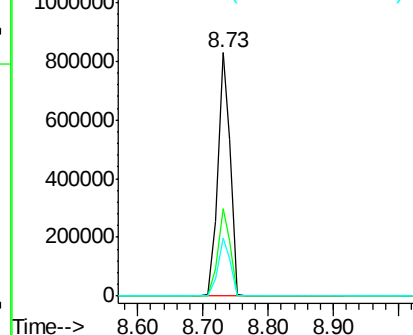


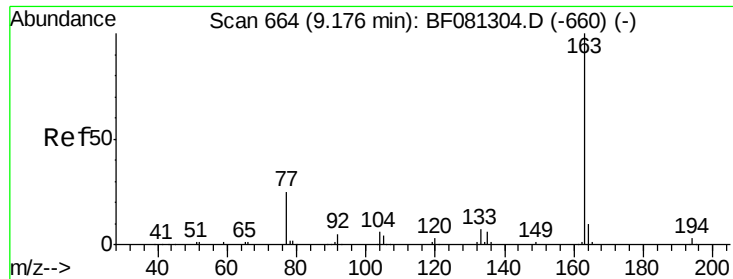
#44
 2-Fluorobiphenyl
 Concen: 160.83 ng
 RT: 8.73 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF081452.D
 Acq: 5 Sep 2015 8:09

Tgt Ion:172 Resp: 1126330
 Ion Ratio Lower Upper
 172 100
 171 35.9 26.1 39.1
 170 23.8 17.4 26.2



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

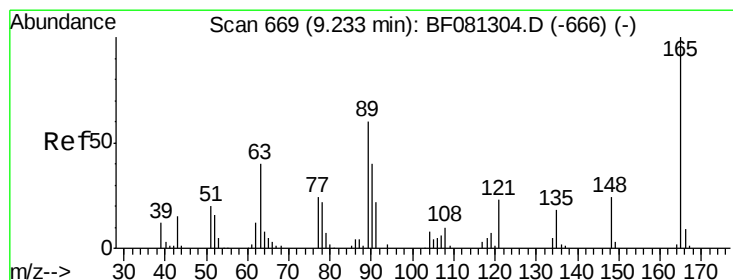
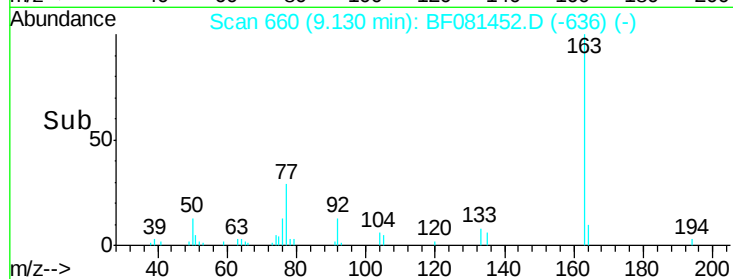
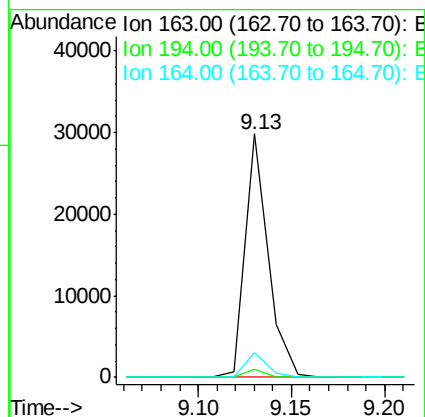
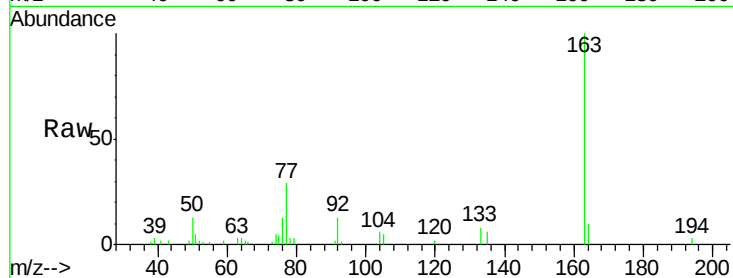




#49
Dimethylphthalate
Concen: 3.66 ng
RT: 9.13 min Scan# 660
Delta R.T. -0.02 min
Lab File: BF081452.D
Acq: 5 Sep 2015 8:09

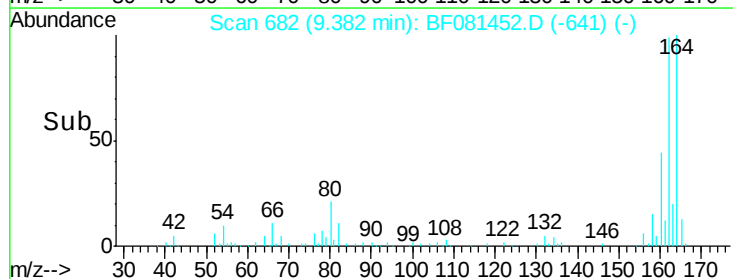
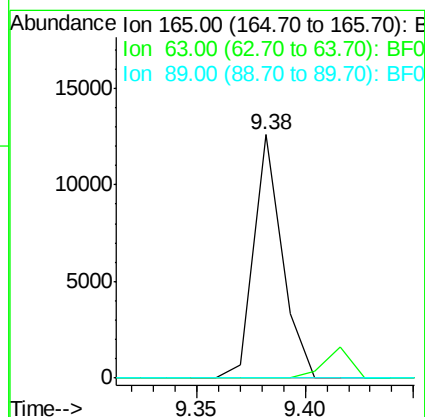
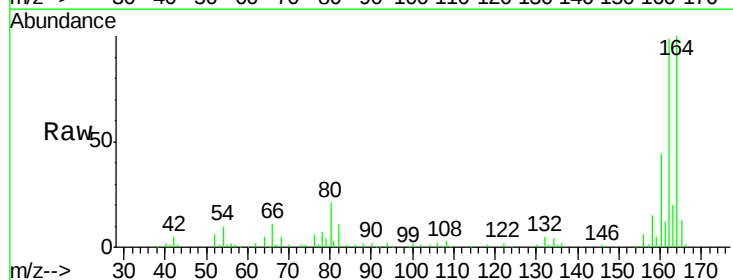
Instrument :
BNA_F
ClientSampleId :

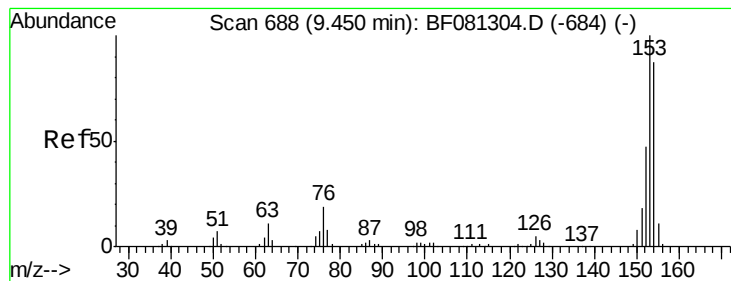
Tot Ion:163 Resp: 25525
Ion Ratio Lower Upper
163 100
194 3.3 4.4 6.6#
164 10.3 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 7.21 ng
RT: 9.38 min Scan# 682
Delta R.T. 0.17 min
Lab File: BF081452.D
Acq: 5 Sep 2015 8:09

Tgt Ion:165 Resp: 11406
Ion Ratio Lower Upper
165 100
63 0.0 32.3 48.5#
89 0.0 28.6 43.0#





#51

Acenaphthene

Concen: 2.64 ng

RT: 9.42 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF081452.D

Acq: 5 Sep 2015 8:09

Instrument :

BNA_F

ClientSampleId :

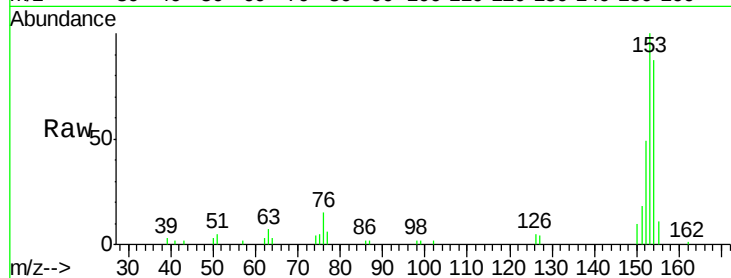
Tot Ion:154 Resp: 15891

Ion Ratio Lower Upper

154 100

153 114.4 82.1 123.1

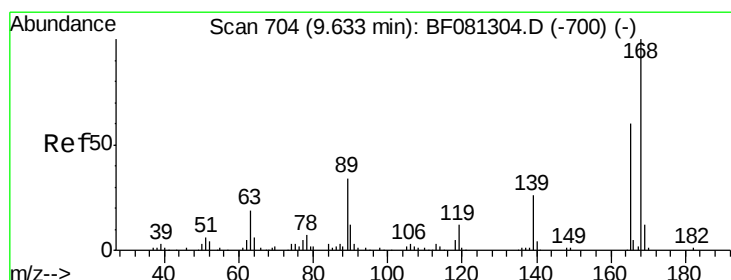
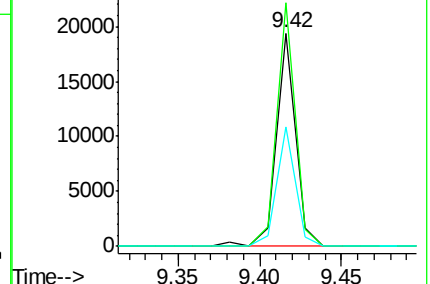
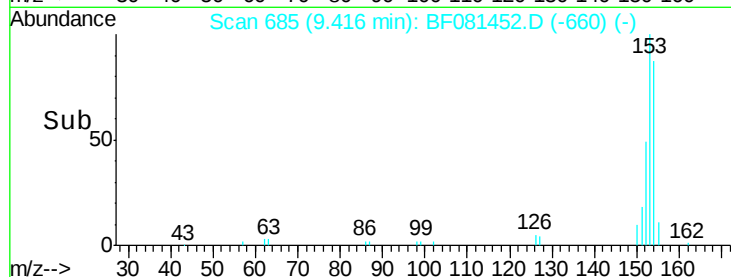
152 55.9 37.9 56.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#56

2,4-Dinitrotoluene

Concen: 5.66 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.22 min

Lab File: BF081452.D

Acq: 5 Sep 2015 8:09

Tgt Ion:165 Resp: 11406

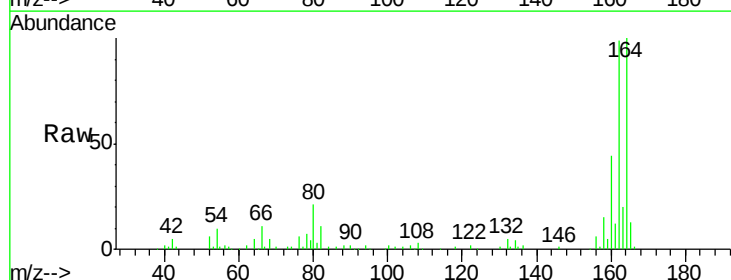
Ion Ratio Lower Upper

165 100

63 0.0 29.8 44.6#

89 0.0 44.5 66.7#

182 0.0 3.0 4.4#

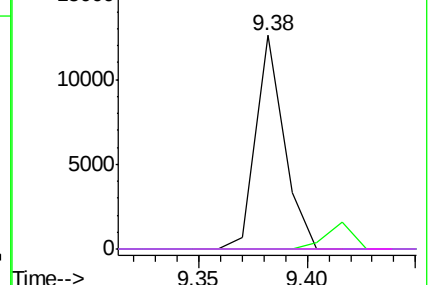
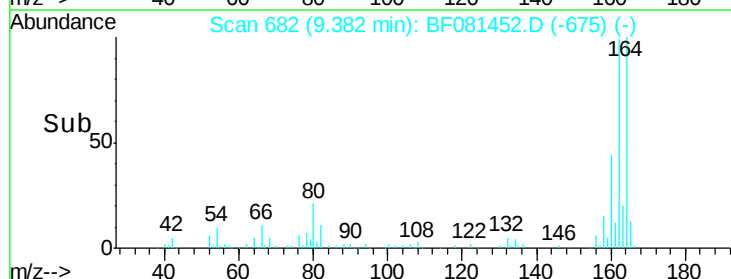


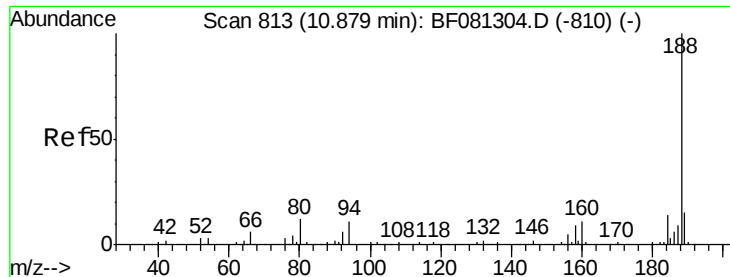
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

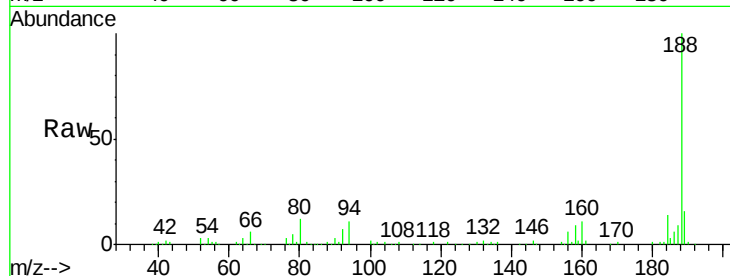




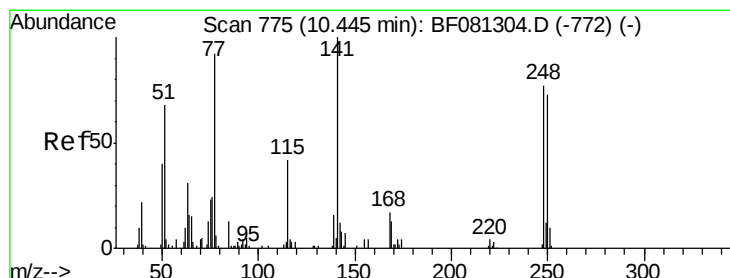
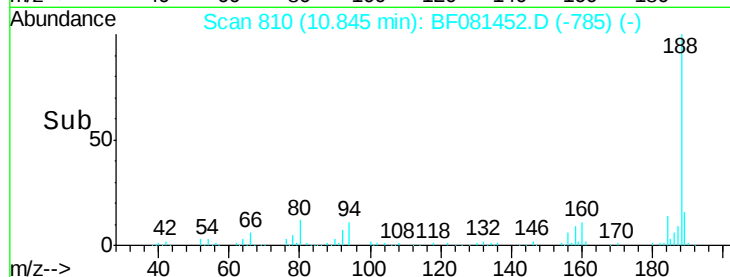
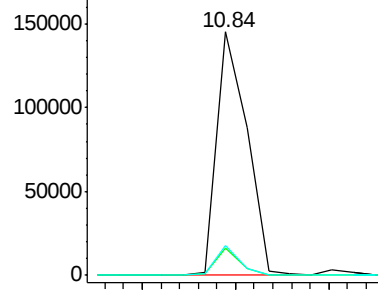
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.84 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF081452.D
 Acq: 5 Sep 2015 8:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.4	11.1	16.7
80	12.5	11.0	16.4

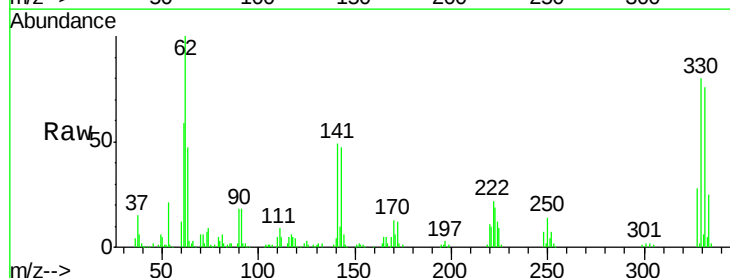


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

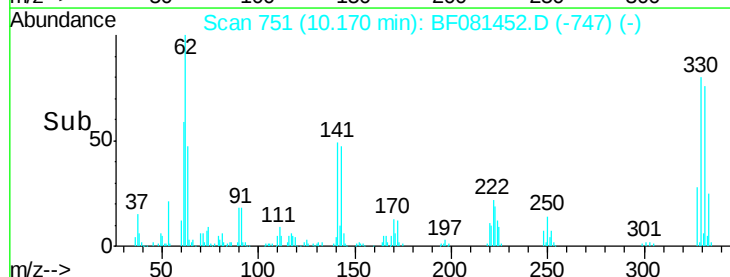
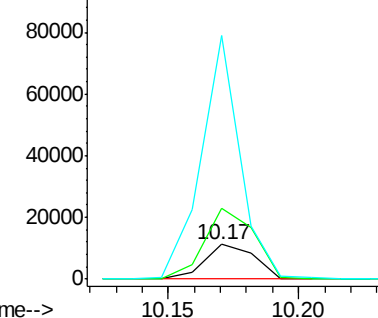


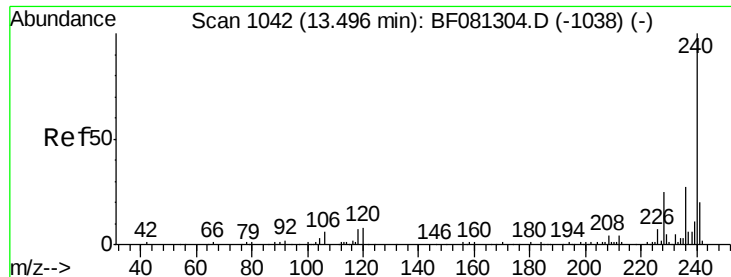
#66
 4-Bromophenyl-phenylether
 Concen: 9.16 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.25 min
 Lab File: BF081452.D
 Acq: 5 Sep 2015 8:09

Tgt Ion	Ratio	Lower	Upper
248	100		
250	202.3	78.5	117.7#
141	701.1	59.0	88.6#



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

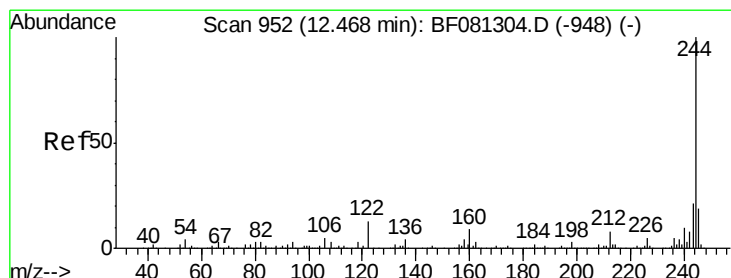
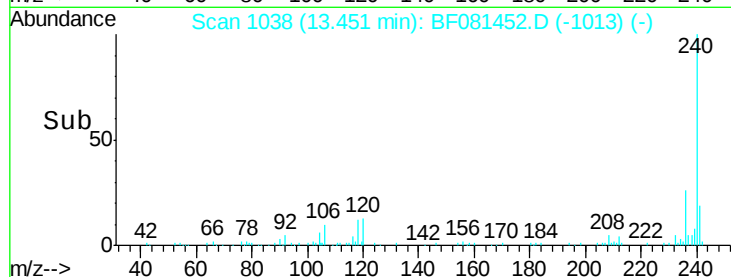
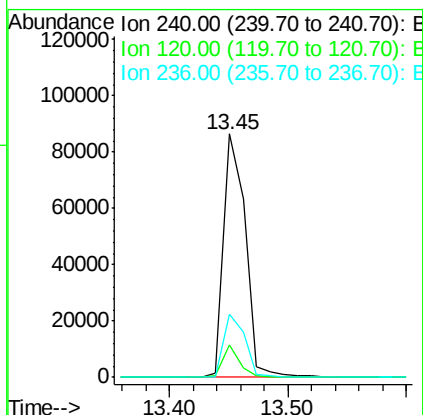
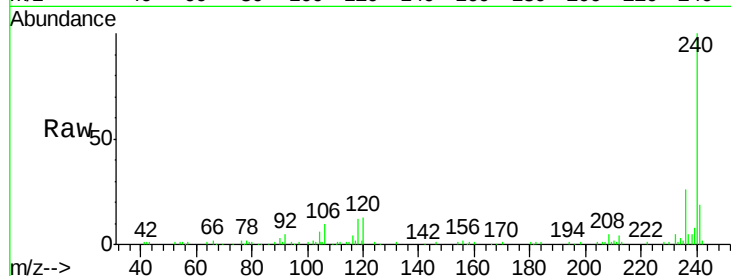




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.45 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF081452.D
 Acq: 5 Sep 2015 8:09

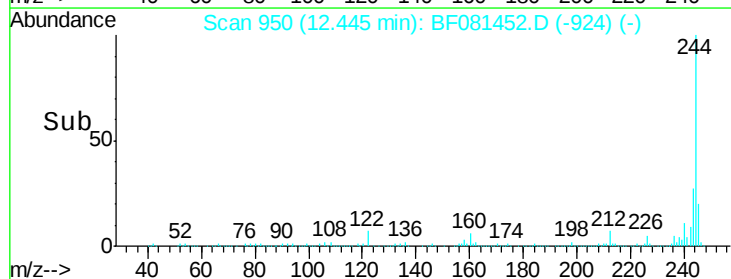
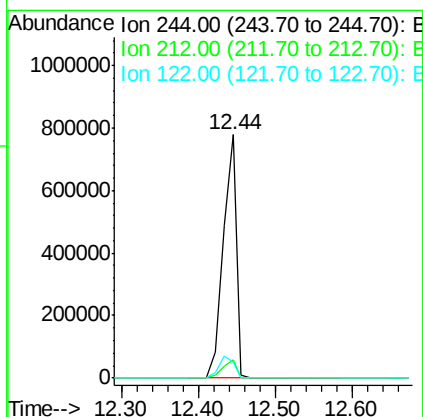
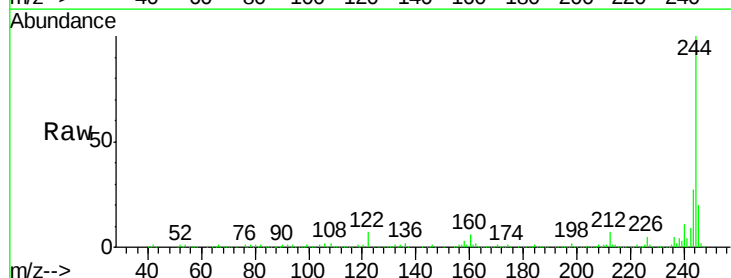
Instrument :
 BNA_F
 ClientSampleId :

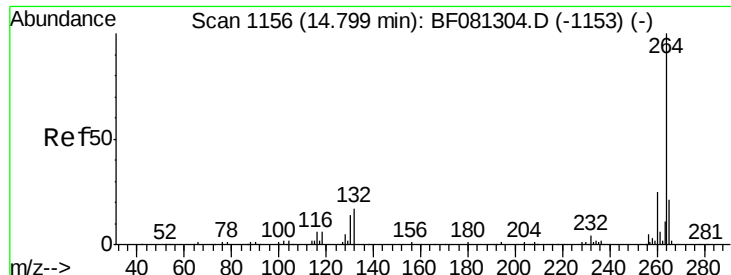
Tot Ion:240 Resp: 109121
 Ion Ratio Lower Upper
 240 100
 120 13.1 16.2 24.2#
 236 25.8 18.4 27.6



#78
 Terphenyl-d14
 Concen: 200.07 ng
 RT: 12.44 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF081452.D
 Acq: 5 Sep 2015 8:09

Tgt Ion:244 Resp: 937872
 Ion Ratio Lower Upper
 244 100
 212 7.3 4.3 6.5#
 122 6.5 17.4 26.2#

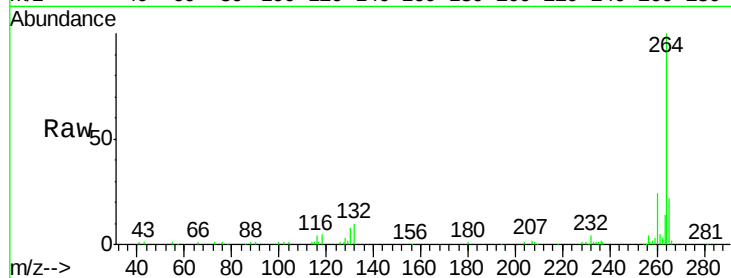




#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.77 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF081452.D
Acq: 5 Sep 2015 8:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 264 Resp: 82178
Ion Ratio Lower Upper
264 100
260 23.5 16.7 25.1
265 21.9 17.2 25.8



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

