

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090915\
 Data File : BF081564.D
 Acq On : 9 Sep 2015 21:16
 Operator : UM/IZ
 Sample : G3558-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2WS

Quant Time: Sep 10 04:46:19 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 10 04:43:26 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.33	152	62606	20.00	ng	0.00
21) Naphthalene-d8	7.62	136	244811	20.00	ng	0.00
38) Acenaphthene-d10	9.36	164	108310	20.00	ng	-0.01
63) Phenanthrene-d10	10.82	188	203863	20.00	ng	-0.01
75) Chrysene-d12	13.43	240	143619	20.00	ng	-0.01
86) Perylene-d12	14.74	264	101604	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.88	112	427418	105.92	ng	0.01
7) Phenol-d6	6.01	99	404665	75.76	ng	0.00
23) Nitrobenzene-d5	6.92	82	852925	168.09	ng	0.00
41) 2,4,6-Tribromophenol	10.16	330	307941	319.31	ng	0.00
44) 2-Fluorobiphenyl	8.72	172	1593058	188.48	ng	0.01
78) Terphenyl-d14	12.42	244	1155063	187.22	ng	0.01

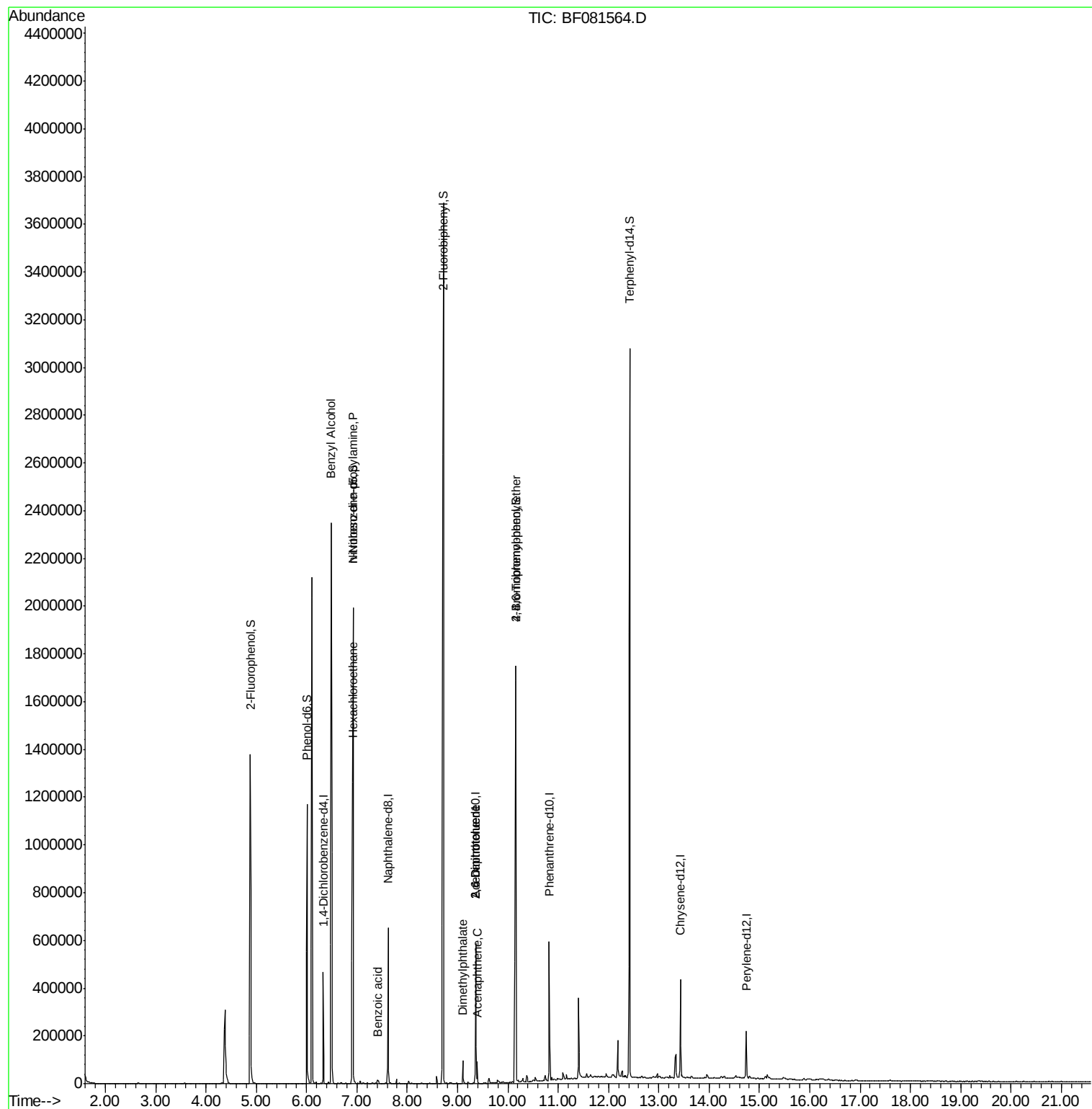
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	6.49	79	13049	2.98	ng	# 32
18) Hexachloroethane	6.91	117	3933	2.09	ng	# 5
19) n-Nitroso-di-n-propylamine	6.92	70	122171	33.61	ng	# 63
32) Benzoic acid	7.42	122	521	2.72	ng	# 13
49) Dimethylphthalate	9.11	163	32475	3.86	ng	# 96
50) 2,6-Dinitrotoluene	9.36	165	13940	7.30	ng	# 40
51) Acenaphthene	9.39	154	18567	2.56	ng	# 90
56) 2,4-Dinitrotoluene	9.36	165	13940	5.73	ng	# 34
66) 4-Bromophenyl-phenylether	10.16	248	23056	11.18	ng	# 1

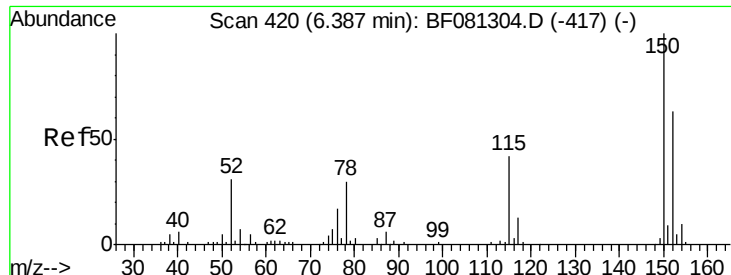
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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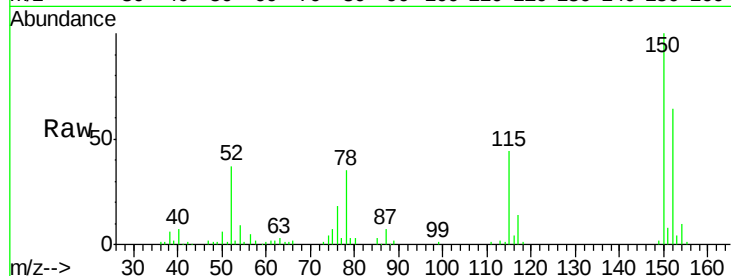


#1

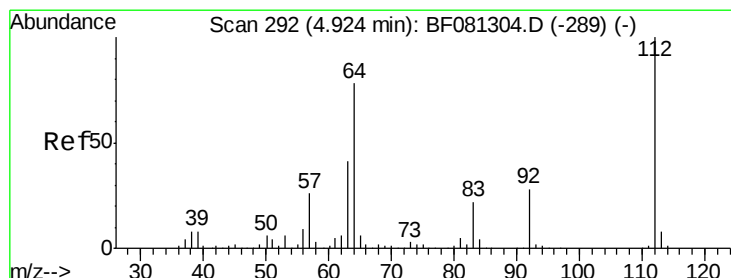
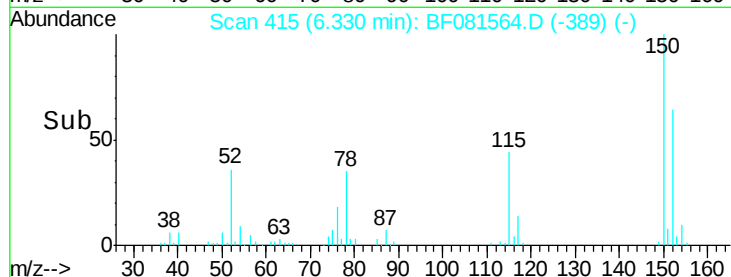
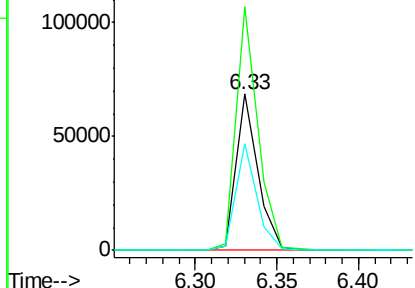
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.33 min Scan# 415
Delta R.T. -0.00 min
Lab File: BF081564.D
Acq: 9 Sep 2015 21:16

Instrument :
BNA_F
ClientSampleId :
SB-2WS

Tot Ion:152 Resp: 62606
Ion Ratio Lower Upper
152 100
150 155.9 124.7 187.1
115 68.4 39.0 58.4#



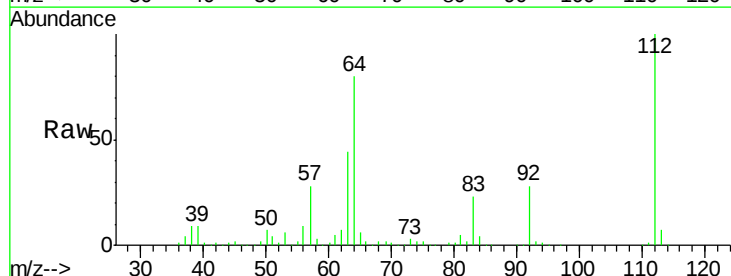
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



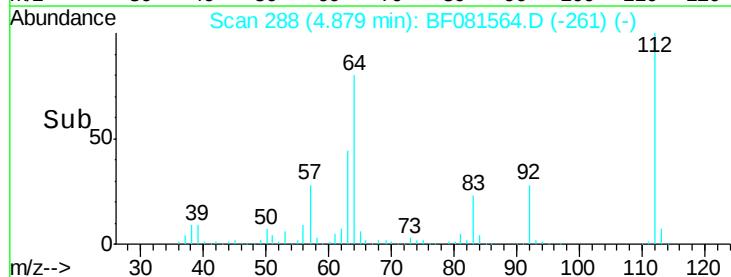
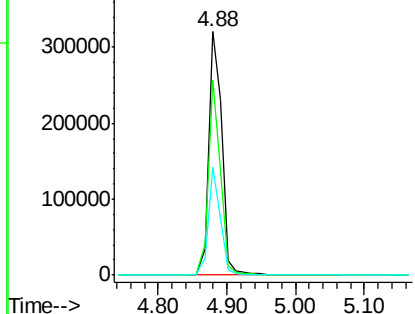
#5

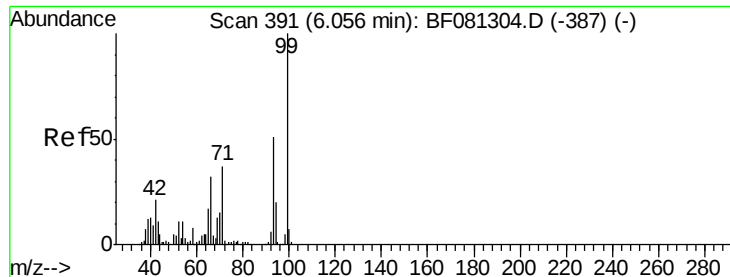
2-Fluorophenol
Concen: 105.92 ng
RT: 4.88 min Scan# 288
Delta R.T. 0.01 min
Lab File: BF081564.D
Acq: 9 Sep 2015 21:16

Tgt Ion:112 Resp: 427418
Ion Ratio Lower Upper
112 100
64 80.1 39.7 59.5#
63 44.2 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: 75.76 ng

RT: 6.01 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF081564.D

Acq: 9 Sep 2015 21:16

Instrument :

BNA_F

ClientSampleId :

SB-2WS

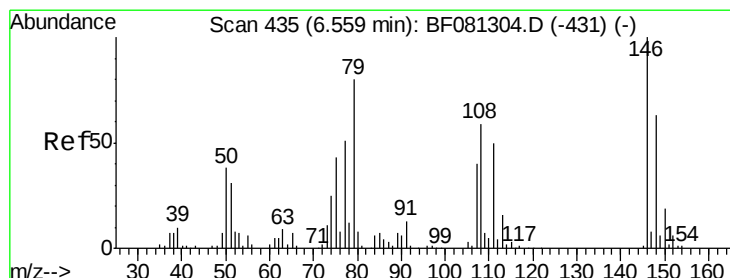
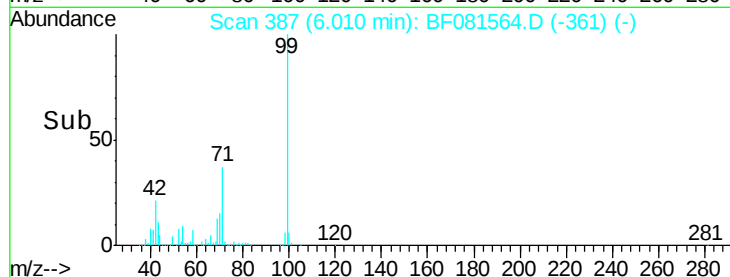
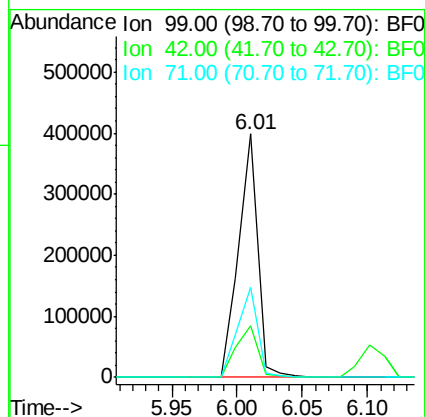
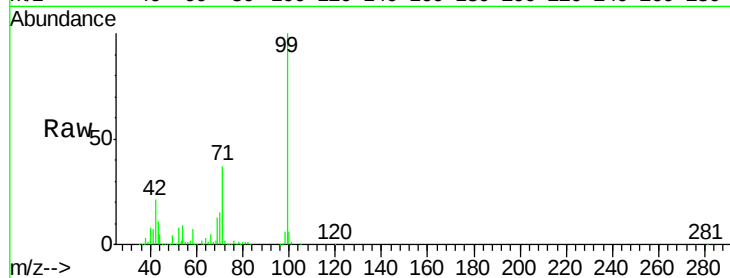
Tot Ion: 99 Resp: 404665

Ion Ratio Lower Upper

99 100

42 21.0 13.7 20.5#

71 36.9 14.2 21.2#



#15

Benzyl Alcohol

Concen: 2.98 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF081564.D

Acq: 9 Sep 2015 21:16

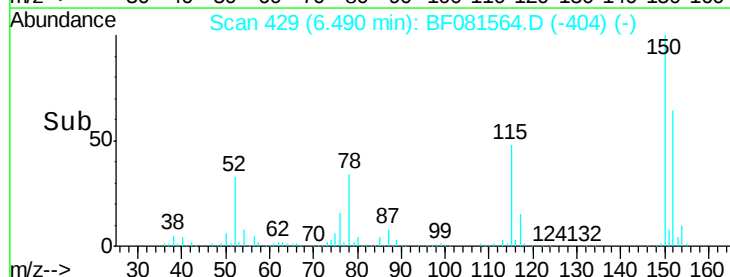
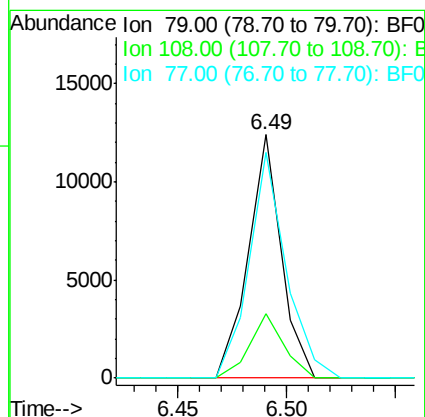
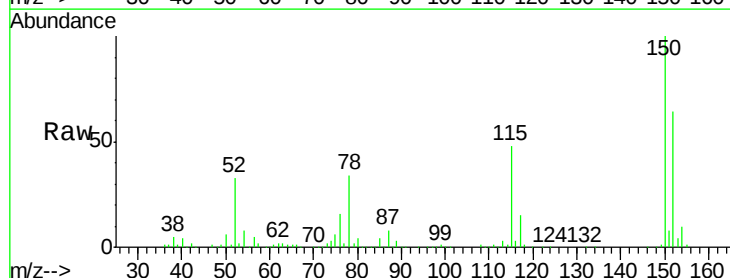
Tgt Ion: 79 Resp: 13049

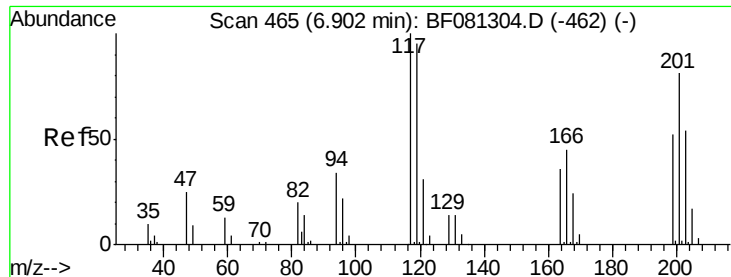
Ion Ratio Lower Upper

79 100

108 26.3 88.6 132.8#

77 92.5 47.0 70.4#

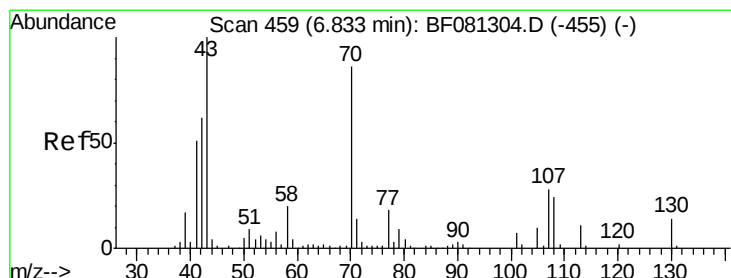
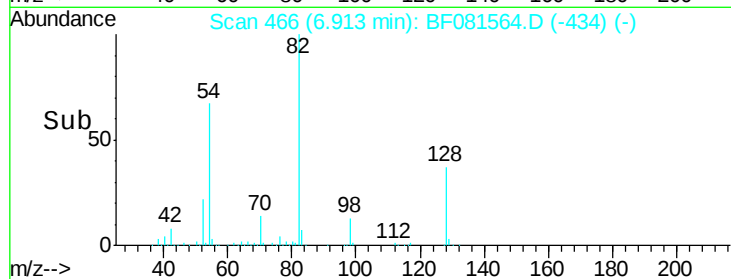
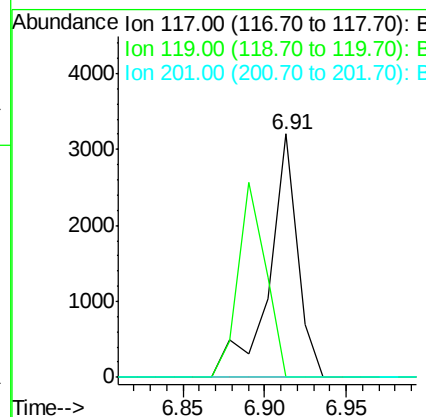
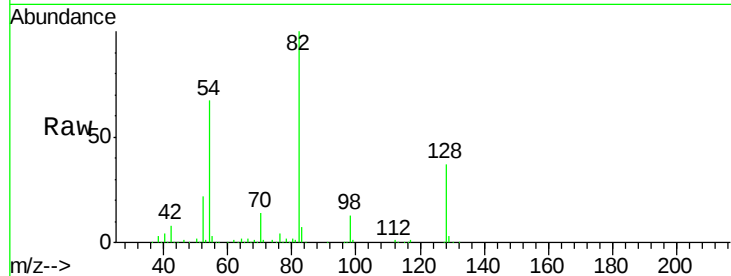




#18
Hexachloroethane
Concen: 2.09 ng
RT: 6.91 min Scan# 466
Delta R.T. 0.07 min
Lab File: BF081564.D
Acq: 9 Sep 2015 21:16

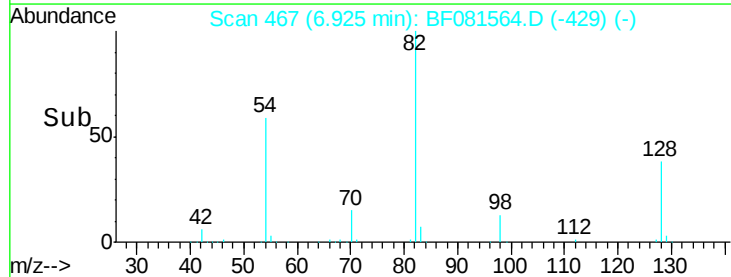
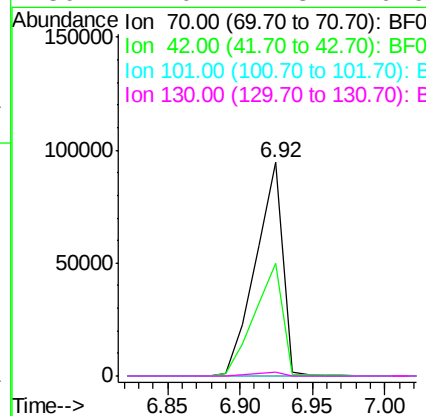
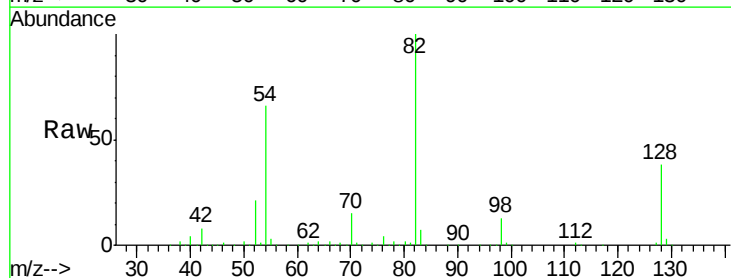
Instrument :
BNA_F
ClientSampleId :
SB-2WS

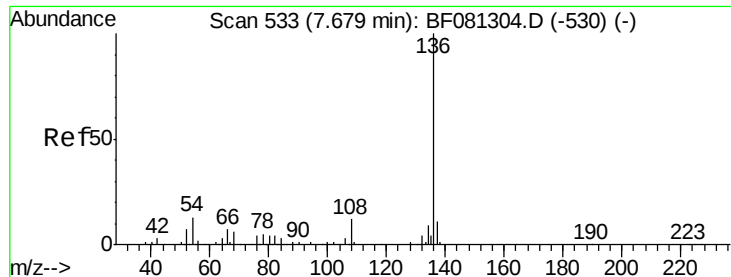
Tot Ion:117 Resp: 3933
Ion Ratio Lower Upper
117 100
119 0.0 83.8 125.6#
201 0.0 55.1 82.7#



#19
n-Nitroso-di-n-propylamine
Concen: 33.61 ng
RT: 6.92 min Scan# 467
Delta R.T. 0.14 min
Lab File: BF081564.D
Acq: 9 Sep 2015 21:16

Tgt Ion: 70 Resp: 122171
Ion Ratio Lower Upper
70 100
42 53.0 63.8 95.6#
101 0.0 9.2 13.8#
130 2.0 27.3 40.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.62 min Scan# 528

Delta R.T. 0.00 min

Lab File: BF081564.D

Acq: 9 Sep 2015 21:16

Instrument :

BNA_F

ClientSampleId :

SB-2WS

Tot Ion:136 Resp: 244811

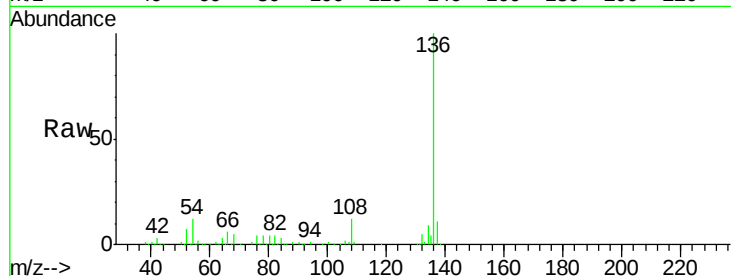
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 12.2 8.2 12.2

68 5.0 5.8 8.6#

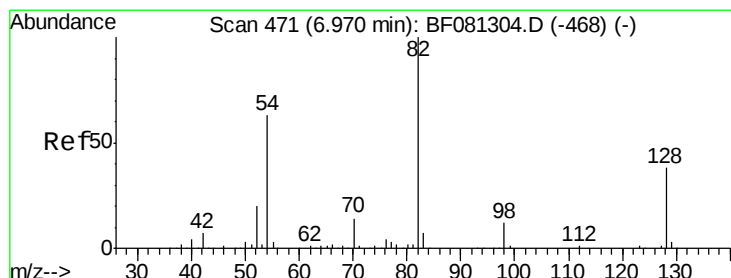
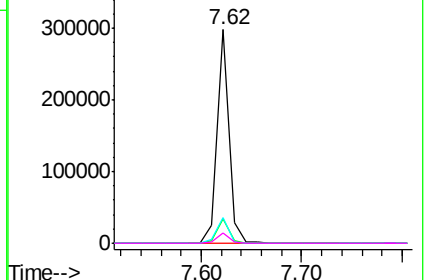
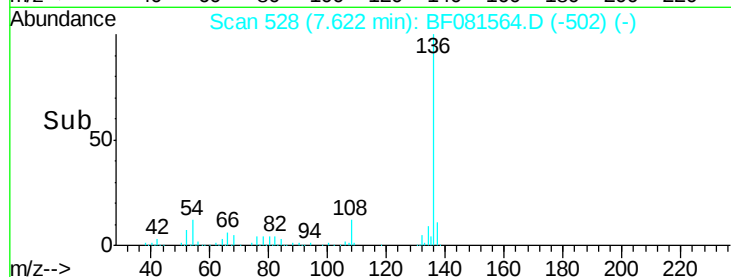


Abundance Ion 136.00 (135.70 to 136.70): E

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: 168.09 ng

RT: 6.92 min Scan# 467

Delta R.T. 0.00 min

Lab File: BF081564.D

Acq: 9 Sep 2015 21:16

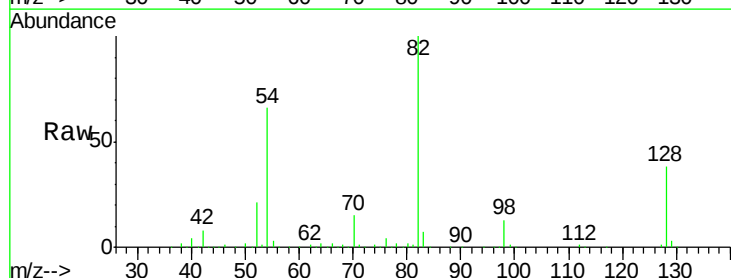
Tgt Ion: 82 Resp: 852925

Ion Ratio Lower Upper

82 100

128 38.3 51.0 76.6#

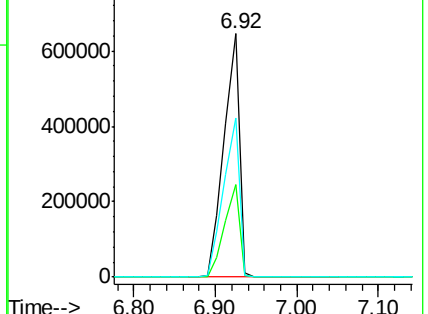
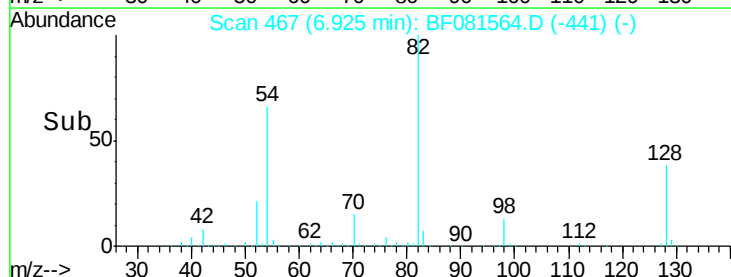
54 65.5 47.5 71.3

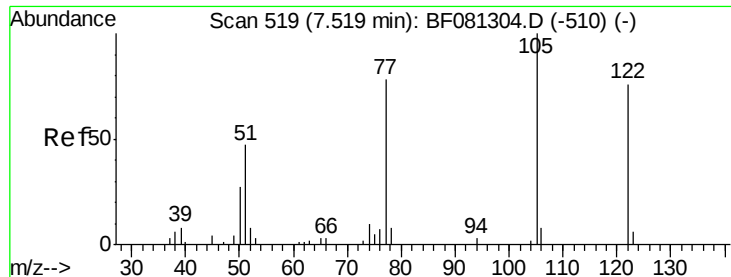


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#32

Benzoic acid

Concen: 2.72 ng

RT: 7.42 min Scan# 510

Delta R.T. -0.08 min

Lab File: BF081564.D

Acq: 9 Sep 2015 21:16

Instrument :

BNA_F

ClientSampleId :

SB-2WS

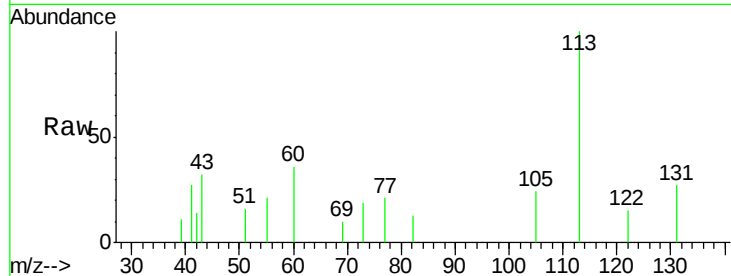
Tot Ion:122 Resp: 521

Ion Ratio Lower Upper

122 100

105 165.6 76.1 116.1#

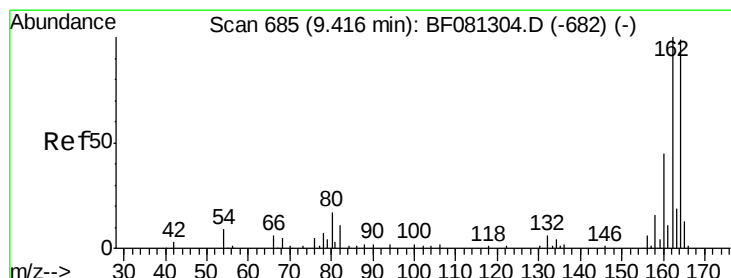
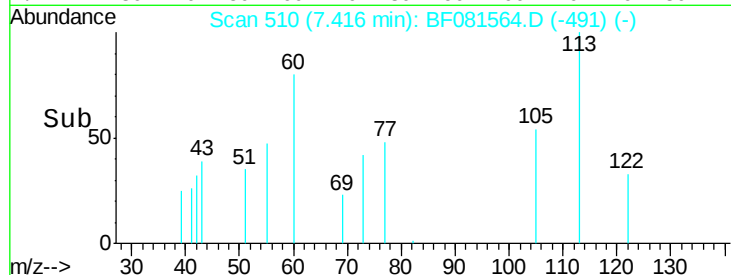
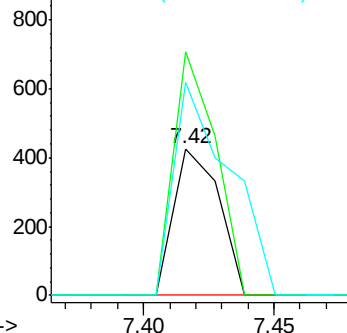
77 145.2 40.5 80.5#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.36 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF081564.D

Acq: 9 Sep 2015 21:16

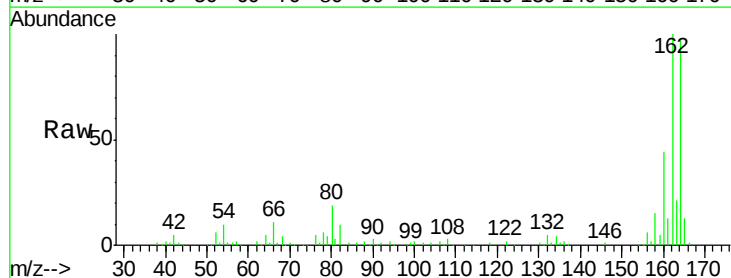
Tgt Ion:164 Resp: 108310

Ion Ratio Lower Upper

164 100

162 102.8 75.2 112.8

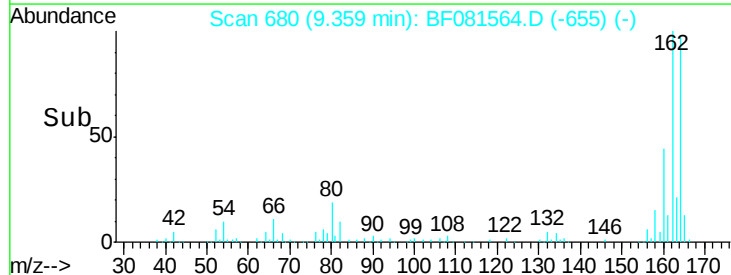
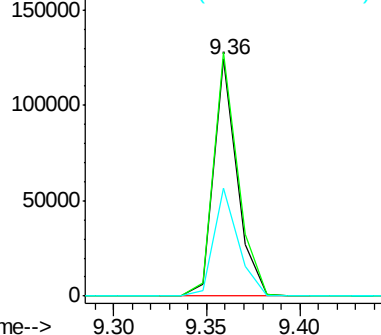
160 45.5 31.5 47.3

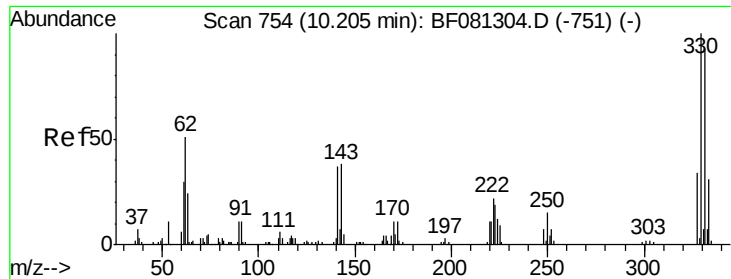


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

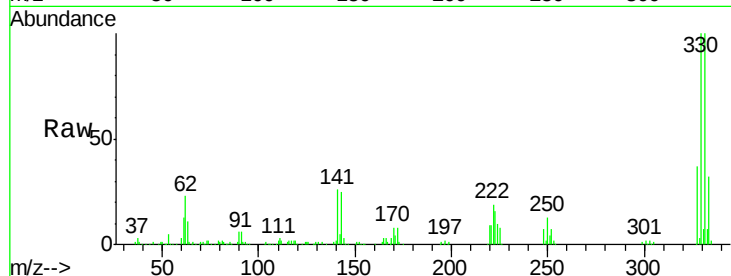




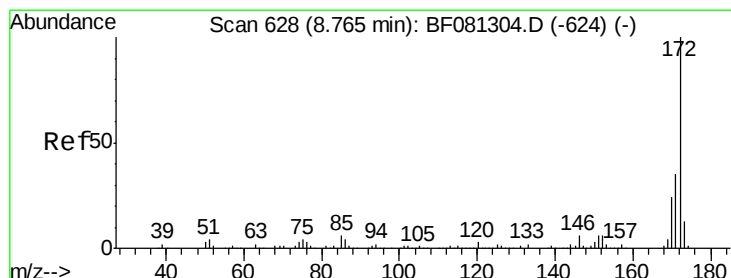
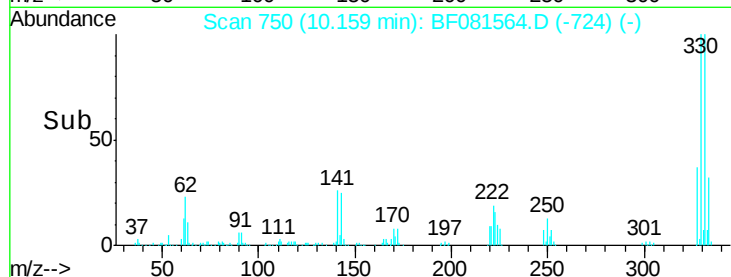
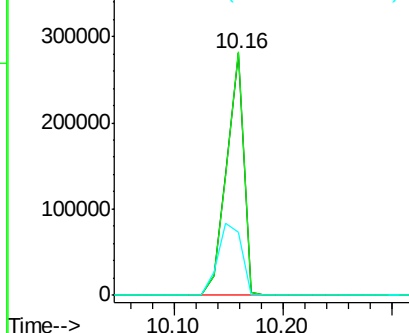
#41
 2,4,6-Tribromophenol
 Concen: 319.31 ng
 RT: 10.16 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF081564.D
 Acq: 9 Sep 2015 21:16

Instrument :
 BNA_F
 ClientSampleId :
 SB-2WS

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.8	76.6	114.8
141	41.5	29.7	44.5

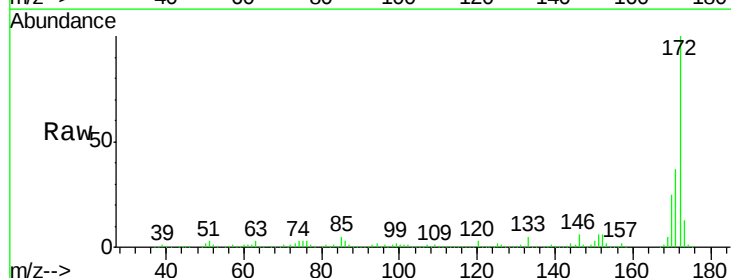


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

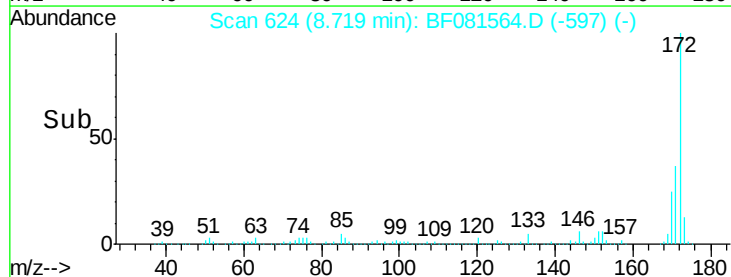
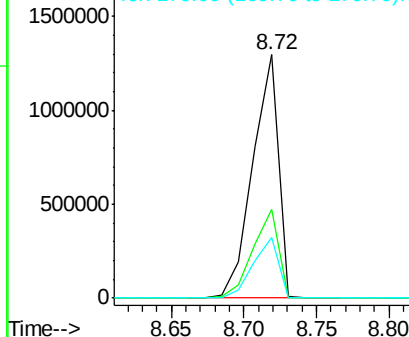


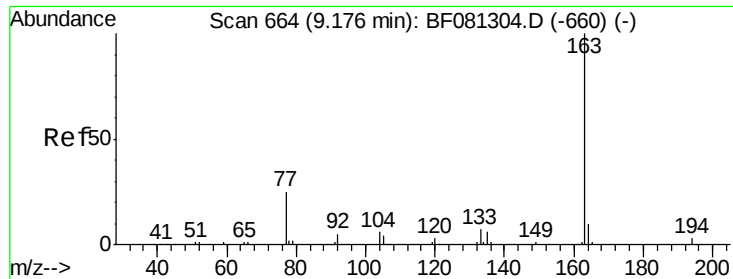
#44
 2-Fluorobiphenyl
 Concen: 188.48 ng
 RT: 8.72 min Scan# 624
 Delta R.T. 0.01 min
 Lab File: BF081564.D
 Acq: 9 Sep 2015 21:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	26.1	39.1
170	24.9	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

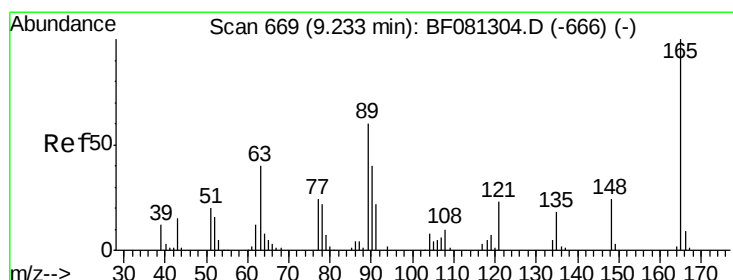
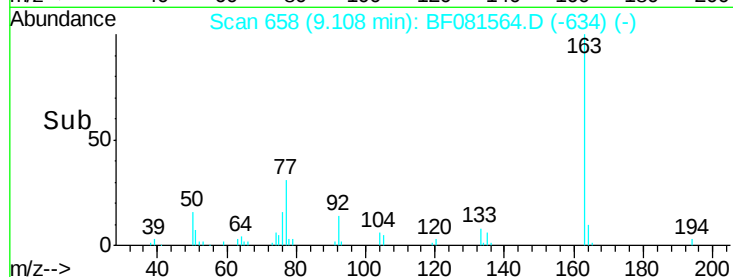
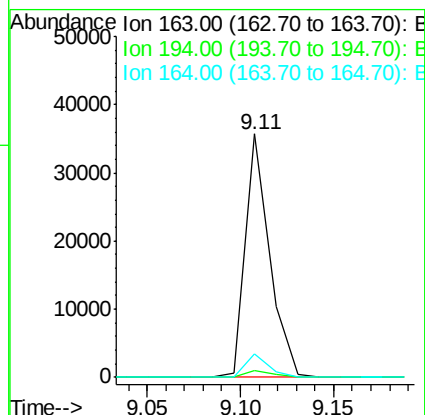
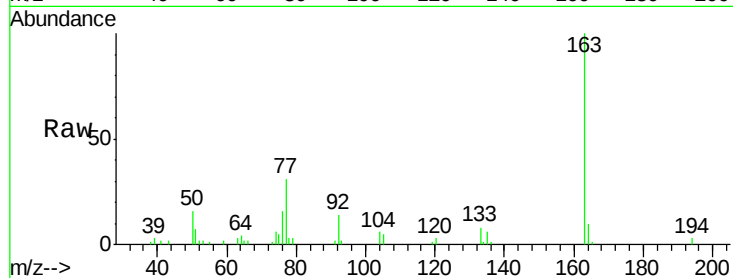




#49
Dimethylphthalate
Concen: 3.86 ng
RT: 9.11 min Scan# 658
Delta R.T. -0.02 min
Lab File: BF081564.D
Acq: 9 Sep 2015 21:16

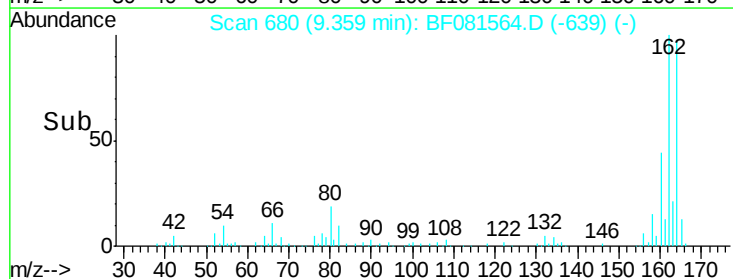
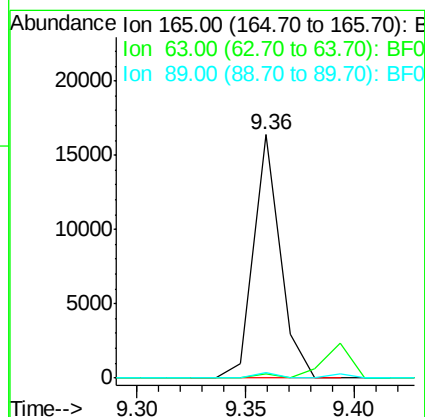
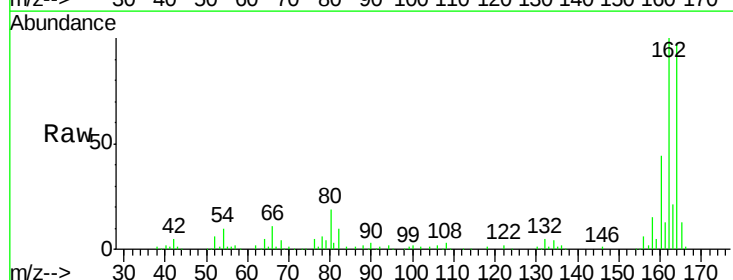
Instrument :
BNA_F
ClientSampleId :
SB-2WS

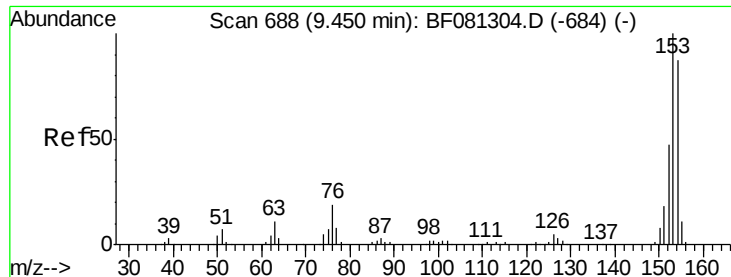
Tot Ion:163 Resp: 32475
Ion Ratio Lower Upper
163 100
194 3.0 4.4 6.6#
164 9.9 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 7.30 ng
RT: 9.36 min Scan# 680
Delta R.T. 0.17 min
Lab File: BF081564.D
Acq: 9 Sep 2015 21:16

Tgt Ion:165 Resp: 13940
Ion Ratio Lower Upper
165 100
63 2.0 32.3 48.5#
89 2.2 28.6 43.0#





#51

Acenaphthene

Concen: 2.56 ng

RT: 9.39 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF081564.D

Acq: 9 Sep 2015 21:16

Instrument :

BNA_F

ClientSampleId :

SB-2WS

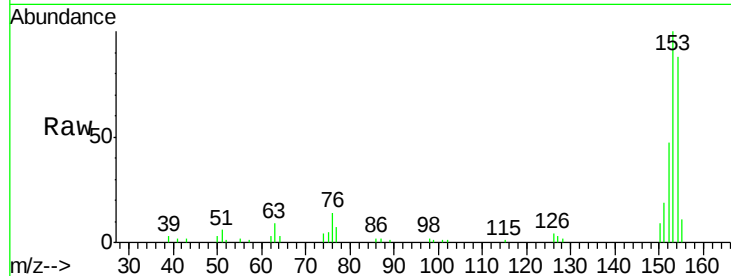
Tot Ion:154 Resp: 18567

Ion Ratio Lower Upper

154 100

153 113.9 82.1 123.1

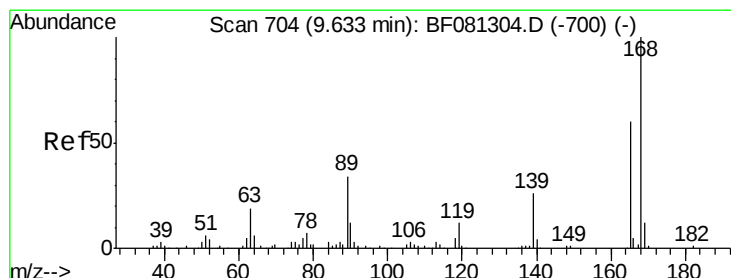
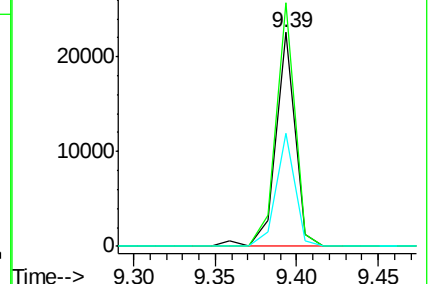
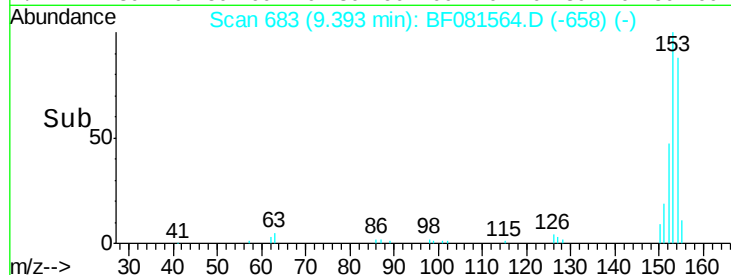
152 53.0 37.9 56.9



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: 5.73 ng

RT: 9.36 min Scan# 680

Delta R.T. -0.23 min

Lab File: BF081564.D

Acq: 9 Sep 2015 21:16

Tgt Ion:165 Resp: 13940

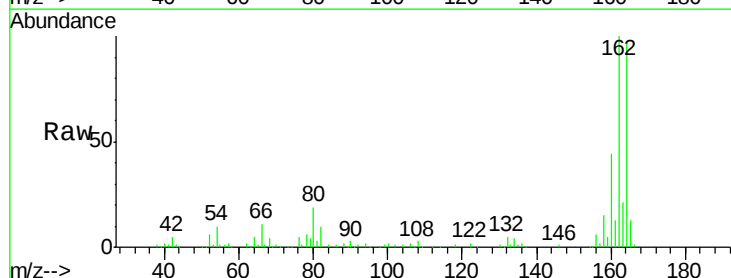
Ion Ratio Lower Upper

165 100

63 2.0 29.8 44.6#

89 2.2 44.5 66.7#

182 0.0 3.0 4.4#

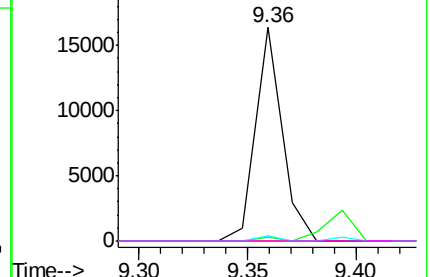
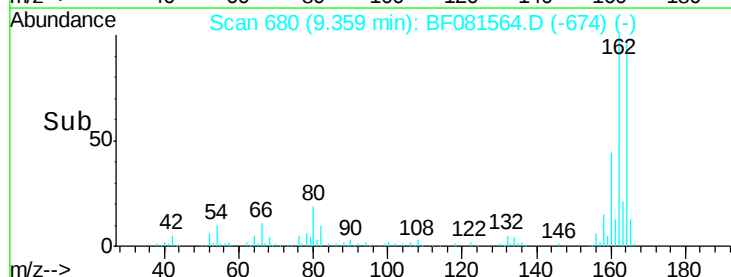


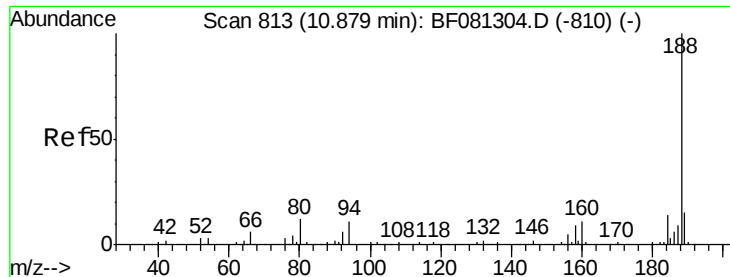
Abundance Ion 165.00 (164.70 to 165.70): E

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

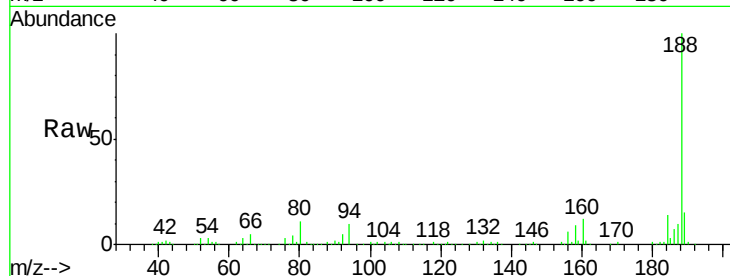




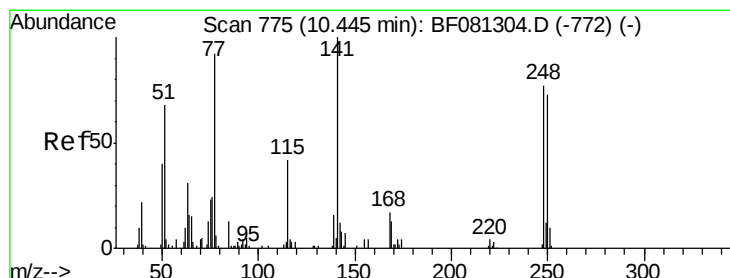
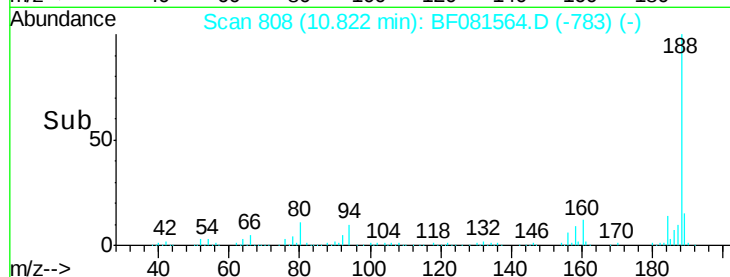
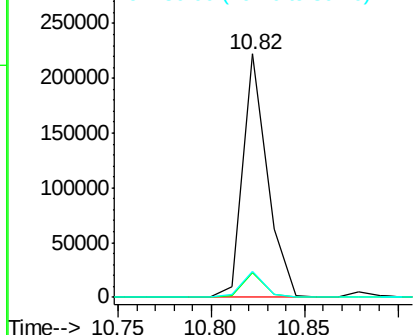
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.82 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF081564.D
 Acq: 9 Sep 2015 21:16

Instrument :
 BNA_F
 ClientSampleId :
 SB-2WS

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.9	11.1	16.7#
80	10.6	11.0	16.4#

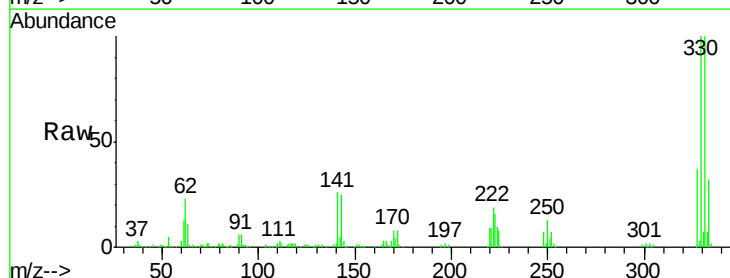


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

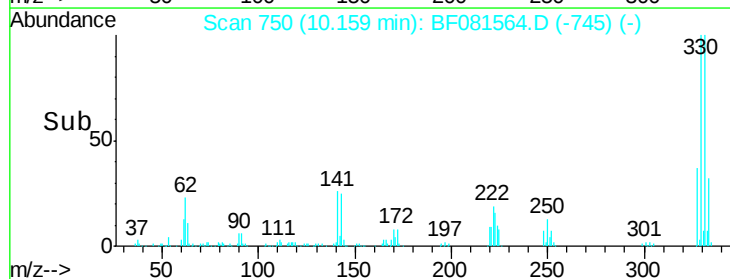
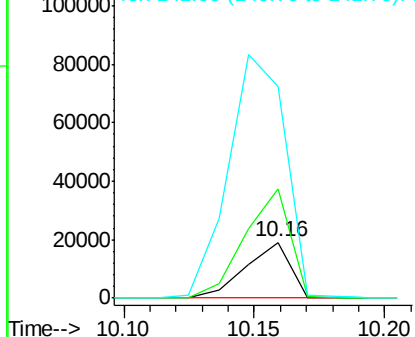


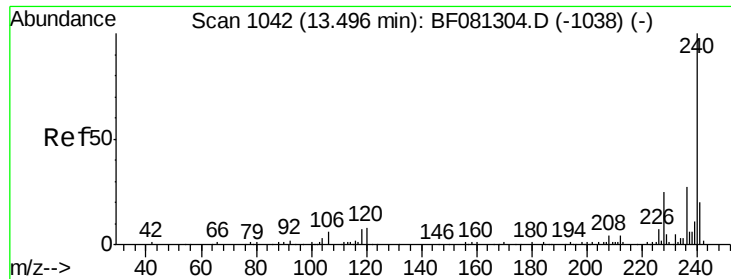
#66
 4-Bromophenyl-phenylether
 Concen: 11.18 ng
 RT: 10.16 min Scan# 750
 Delta R.T. -0.24 min
 Lab File: BF081564.D
 Acq: 9 Sep 2015 21:16

Tgt Ion	Ratio	Lower	Upper
248	100		
250	195.4	78.5	117.7#
141	378.1	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

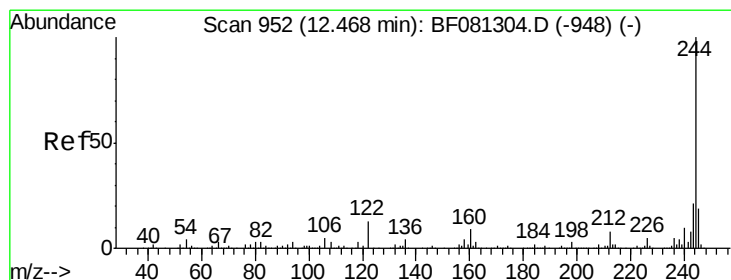
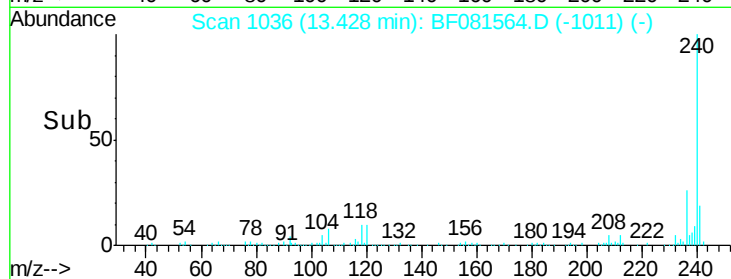
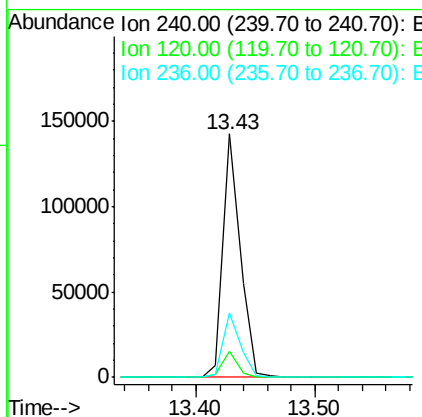
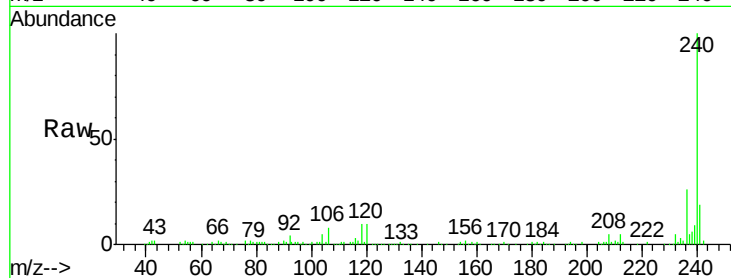




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.43 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BF081564.D
 Acq: 9 Sep 2015 21:16

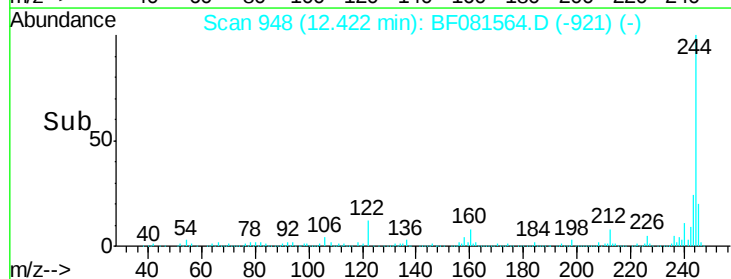
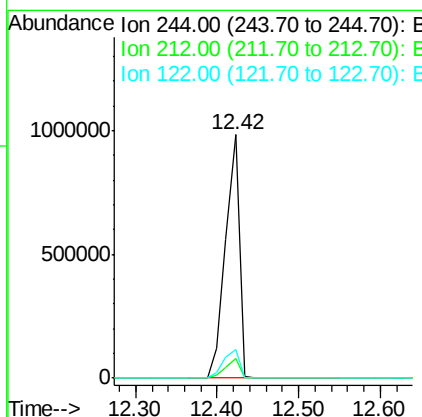
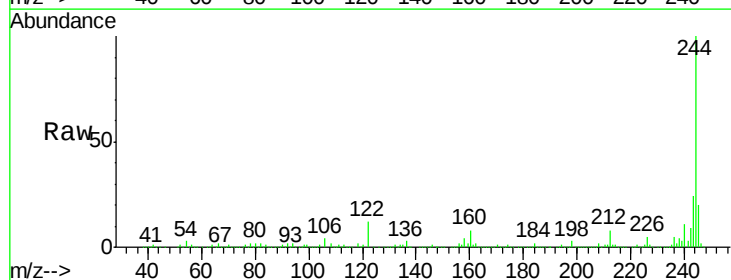
Instrument :
 BNA_F
 ClientSampleId :
 SB-2WS

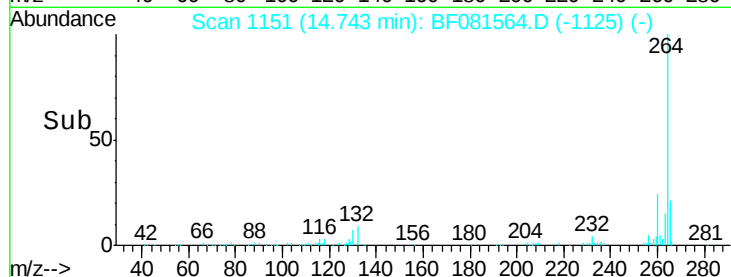
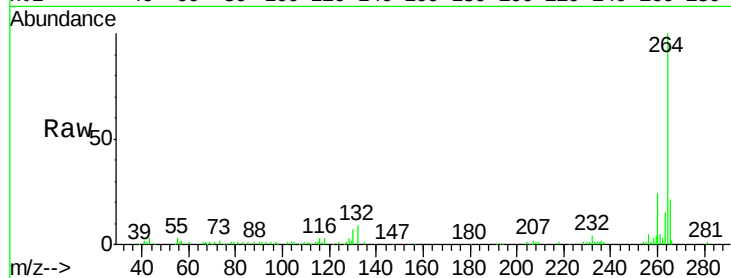
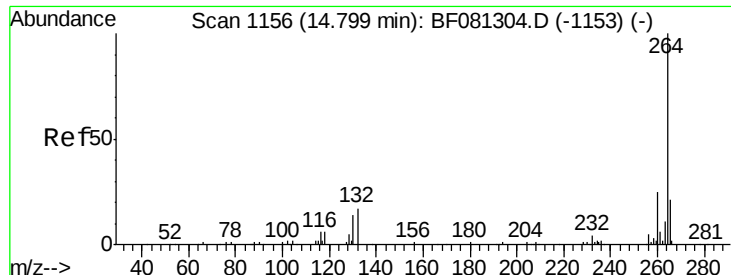
Tot Ion:240 Resp: 143619
 Ion Ratio Lower Upper
 240 100
 120 10.5 16.2 24.2#
 236 26.4 18.4 27.6



#78
 Terphenyl-d14
 Concen: 187.22 ng
 RT: 12.42 min Scan# 948
 Delta R.T. 0.01 min
 Lab File: BF081564.D
 Acq: 9 Sep 2015 21:16

Tgt Ion:244 Resp: 1155063
 Ion Ratio Lower Upper
 244 100
 212 7.8 4.3 6.5#
 122 11.8 17.4 26.2#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 14.74 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BF081564.D
 Acq: 9 Sep 2015 21:16

Instrument :
 BNA_F
 ClientSampleId :
 SB-2WS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	16.7	25.1
265	21.2	17.2	25.8

