

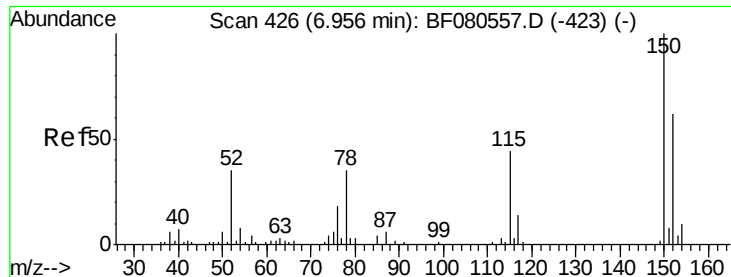
Data Path : Z:\HPCHEM1\BNA_F\Data\BF072215\
 Data File : BF080568.D
 Acq On : 22 Jul 2015 22:11
 Operator : TP/UM
 Sample : G2973-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1D78

Quant Time: Jul 23 05:37:08 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 23 05:13:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	50505	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	195491	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	82273	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	145053	20.00	ng	0.00
75) Chrysene-d12	14.24	240	97021	20.00	ng	-0.08
86) Perylene-d12	15.86	264	57730	20.00	ng	-0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	302891	106.35	ng	0.01
7) Phenol-d6	6.57	99	421774	120.25	ng	0.00
23) Nitrobenzene-d5	7.52	82	238153	78.47	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	58072	96.41	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	390551	68.26	ng	0.00
78) Terphenyl-d14	13.09	244	300178	63.45	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	7.12	79	5937	2.04	ng	# 48
18) Hexachloroethane	7.49	117	2675	2.06	ng	# 1
24) Nitrobenzene	7.49	77	3535	5.20	ng	# 11
25) Isophorone	7.52	82	219580	34.25	ng	# 67
32) Benzoic acid	7.92	122	1632	5.77	ng	# 79
47) 2-Nitroaniline	9.71	65	663	3.15	ng	# 1
49) Dimethylphthalate	9.72	163	51528	8.92	ng	# 97
50) 2,6-Dinitrotoluene	9.71	165	604	4.36	ng	# 1
56) 2,4-Dinitrotoluene	10.01	165	10061	16.02	ng	# 10
66) 4-Bromophenyl-phenylether	10.78	248	4256	3.05	ng	# 1

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.96 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF080568.D

Acq: 22 Jul 2015 22:11

Instrument :

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TP-1D78

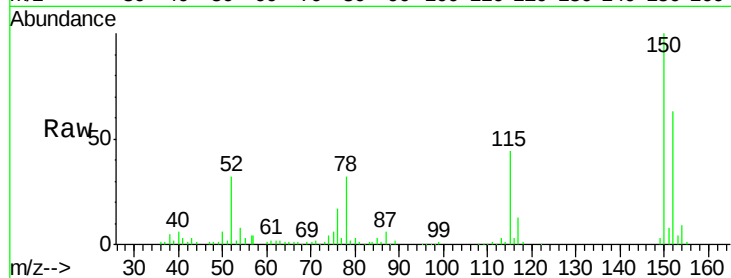
Tgt Ion:152 Resp: 50505

Ion Ratio Lower Upper

152 100

150 159.2 128.7 193.1

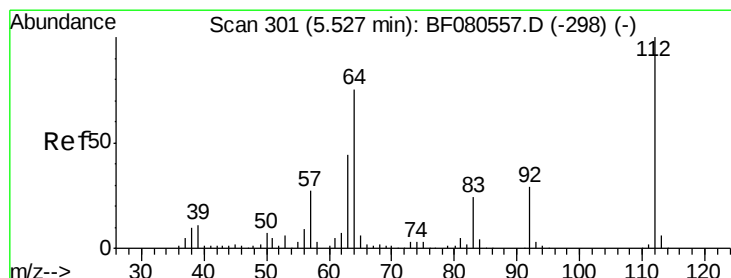
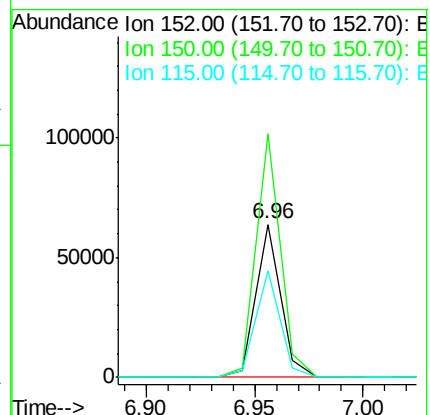
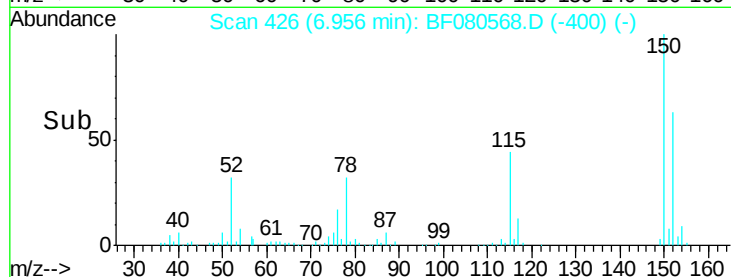
115 69.8 56.8 85.2



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: 106.35 ng

RT: 5.54 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF080568.D

Acq: 22 Jul 2015 22:11

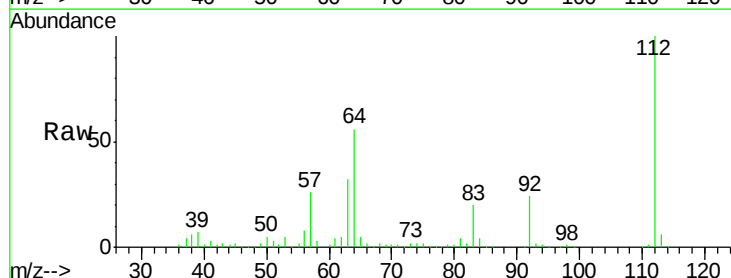
Tgt Ion:112 Resp: 302891

Ion Ratio Lower Upper

112 100

64 55.6 60.2 90.2#

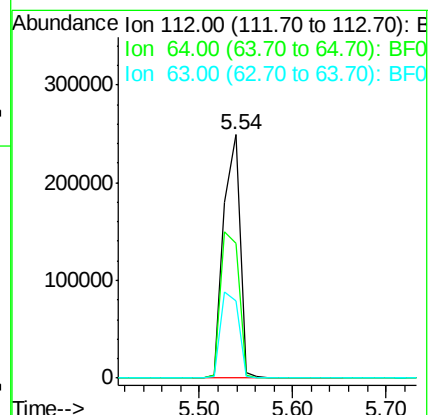
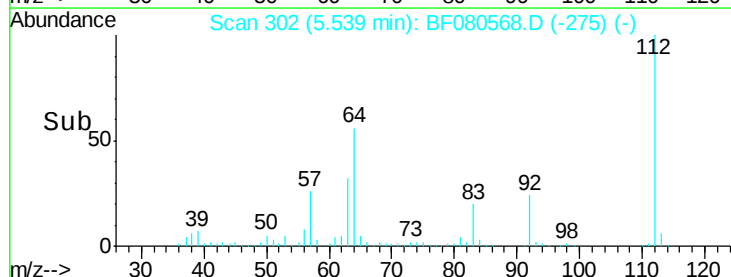
63 31.7 34.8 52.2#

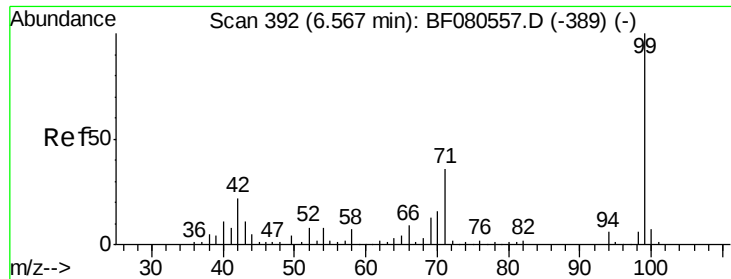


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 120.25 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.00 min

Lab File: BF080568.D

Acq: 22 Jul 2015 22:11

Instrument :

BNA_F

ClientSampleId :

TP-1D78

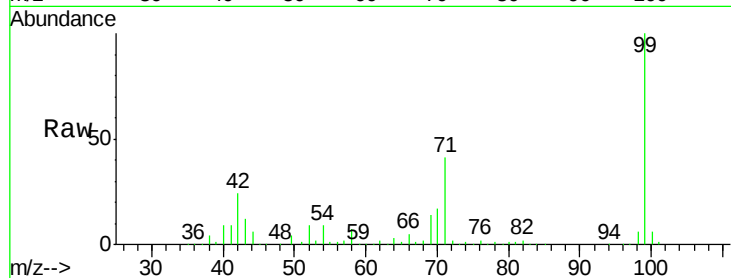
Tgt Ion: 99 Resp: 421774

Ion Ratio Lower Upper

99 100

42 24.3 17.4 26.2

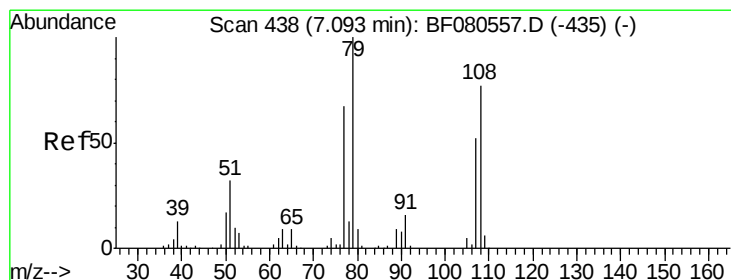
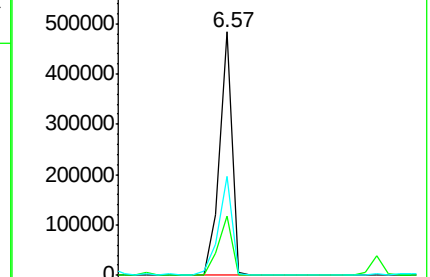
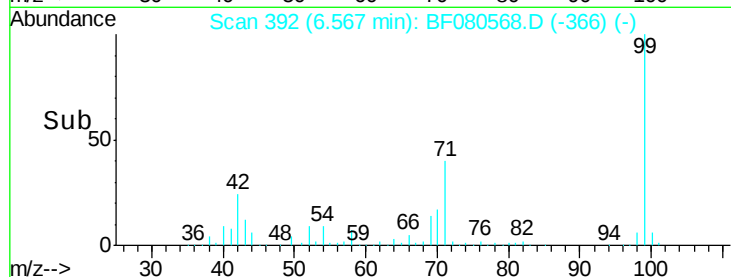
71 40.5 29.0 43.6



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



#15

Benzyl Alcohol

Concen: 2.04 ng

RT: 7.12 min Scan# 440

Delta R.T. 0.02 min

Lab File: BF080568.D

Acq: 22 Jul 2015 22:11

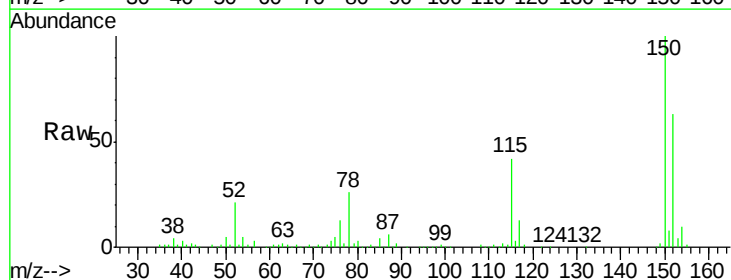
Tgt Ion: 79 Resp: 5937

Ion Ratio Lower Upper

79 100

108 35.1 61.5 92.3#

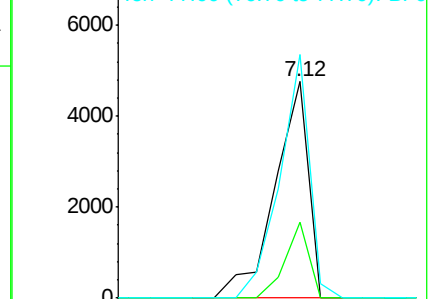
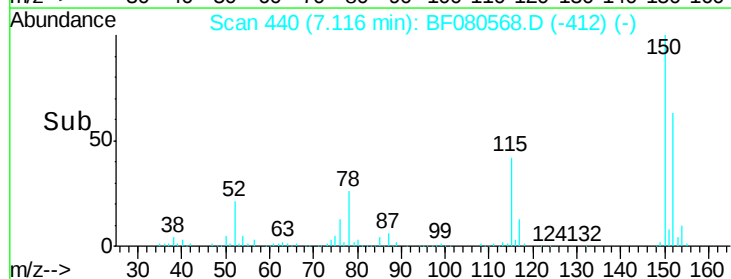
77 112.4 53.6 80.4#

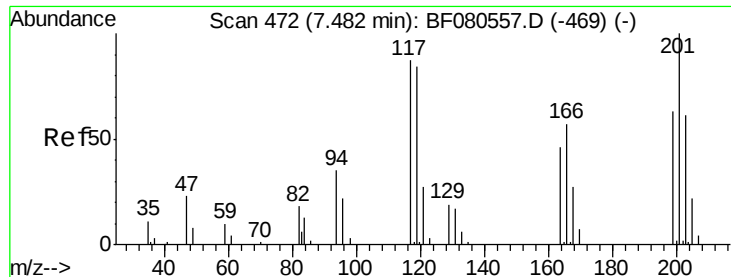


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

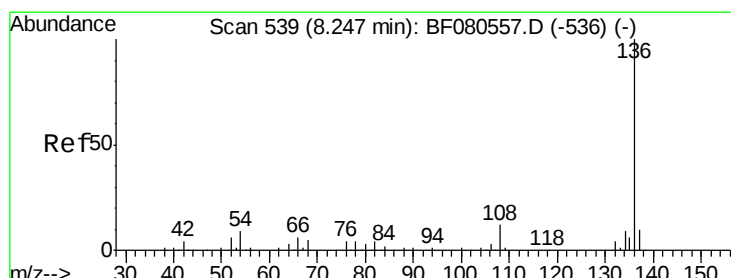
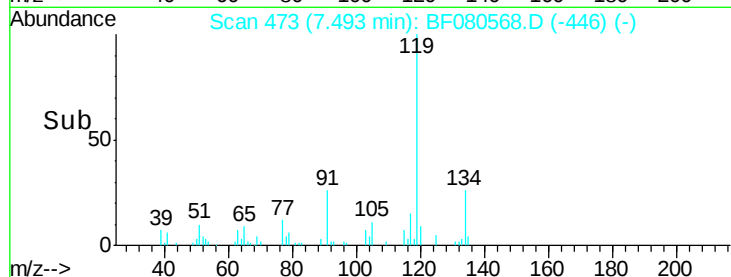
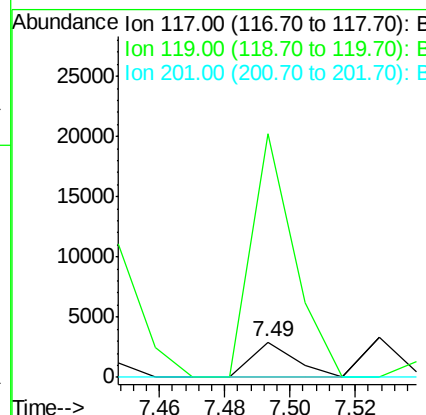
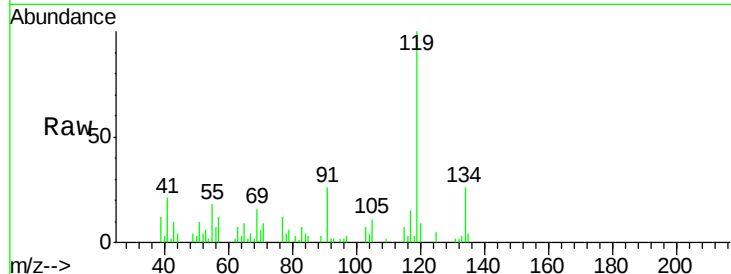




#18
Hexachloroethane
Concen: 2.06 ng
RT: 7.49 min Scan# 473
Delta R.T. 0.01 min
Lab File: BF080568.D
Acq: 22 Jul 2015 22:11

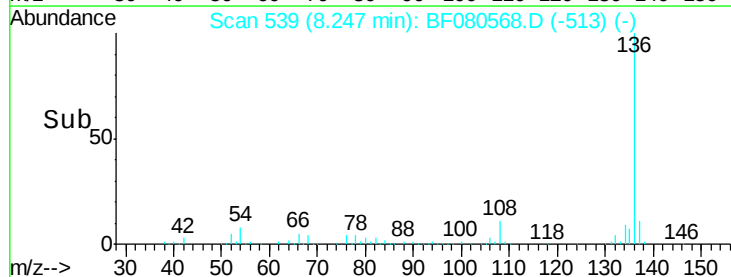
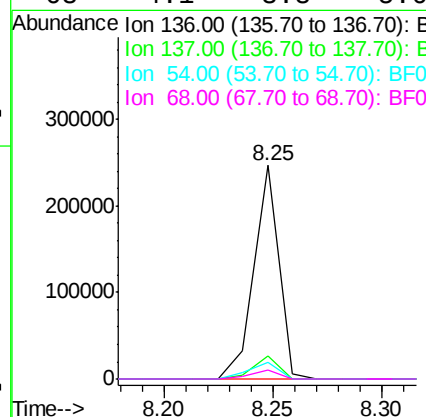
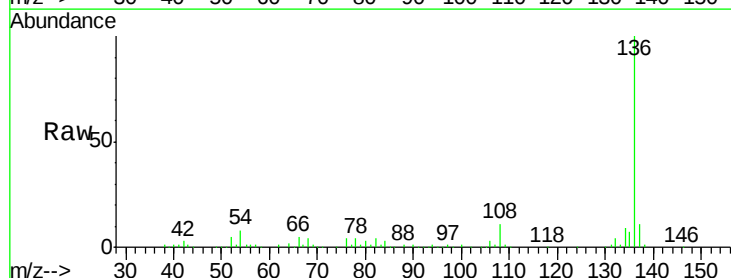
Instrument :
BNA_F
ClientSampleId :
TP-1D78

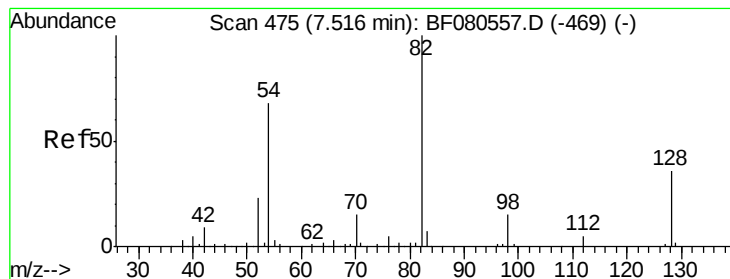
Tgt Ion:117 Resp: 2675
Ion Ratio Lower Upper
117 100
119 683.7 76.5 114.7#
201 0.0 91.6 137.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF080568.D
Acq: 22 Jul 2015 22:11

Tgt Ion:136 Resp: 195491
Ion Ratio Lower Upper
136 100
137 10.9 7.8 11.8
54 8.0 7.2 10.8
68 4.1 3.8 5.6





#23

Nitrobenzene-d5

Concen: 78.47 ng

RT: 7.52 min Scan# 475

Delta R.T. 0.00 min

Lab File: BF080568.D

Acq: 22 Jul 2015 22:11

Instrument :

BNA_F

ClientSampleId :

TP-1D78

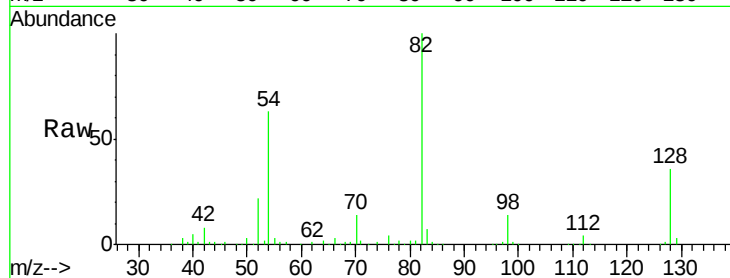
Tgt Ion: 82 Resp: 238153

Ion Ratio Lower Upper

82 100

128 36.1 28.9 43.3

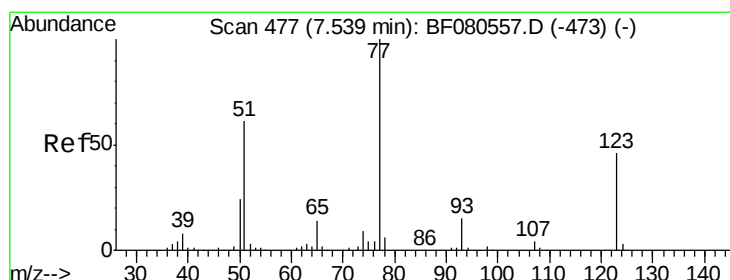
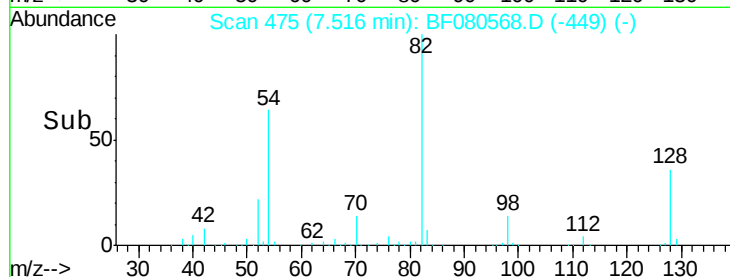
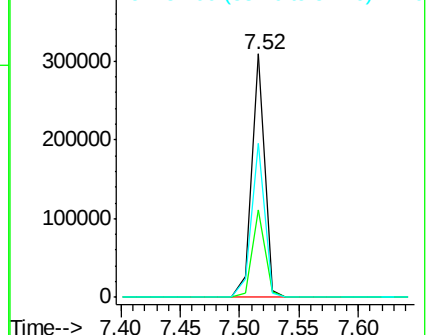
54 63.4 54.5 81.7



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



#24

Nitrobenzene

Concen: 5.20 ng

RT: 7.49 min Scan# 473

Delta R.T. -0.04 min

Lab File: BF080568.D

Acq: 22 Jul 2015 22:11

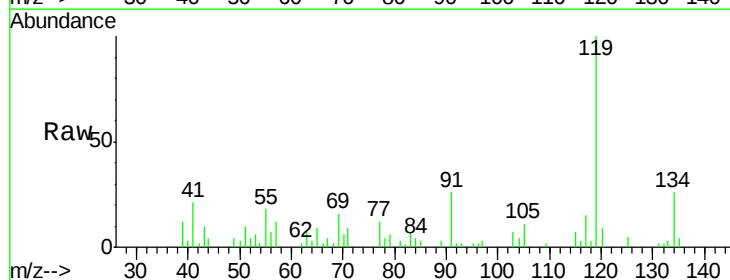
Tgt Ion: 77 Resp: 3535

Ion Ratio Lower Upper

77 100

123 0.0 37.1 55.7#

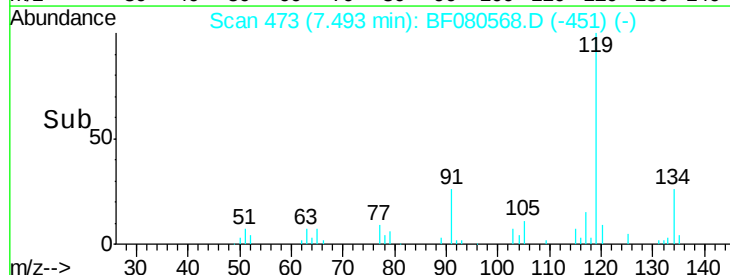
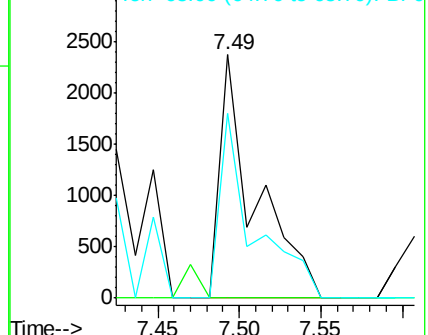
65 75.7 11.4 17.2#

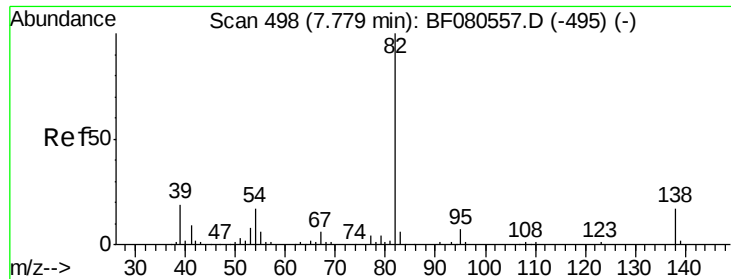


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 34.25 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.26 min

Lab File: BF080568.D

Acq: 22 Jul 2015 22:11

Instrument :

BNA_F

ClientSampleId :

TP-1D78

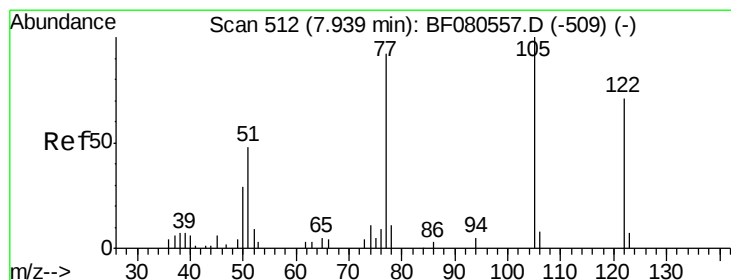
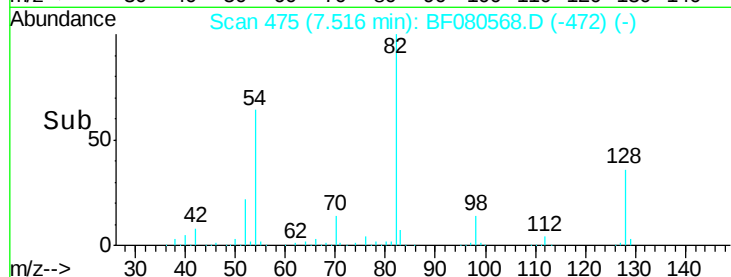
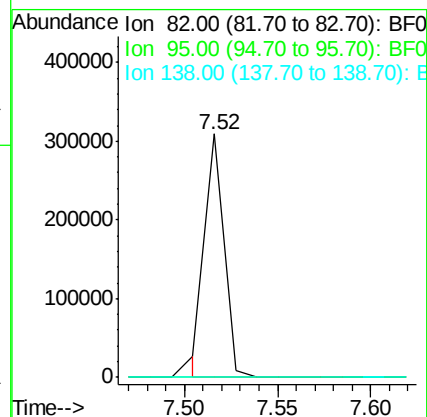
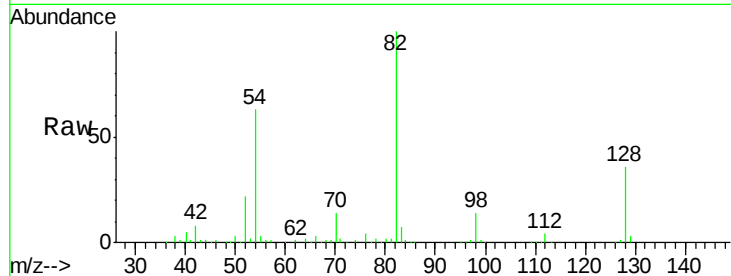
Tgt Ion: 82 Resp: 219580

Ion Ratio Lower Upper

82 100

95 0.2 5.9 8.9#

138 0.0 13.4 20.2#



#32

Benzoic acid

Concen: 5.77 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.02 min

Lab File: BF080568.D

Acq: 22 Jul 2015 22:11

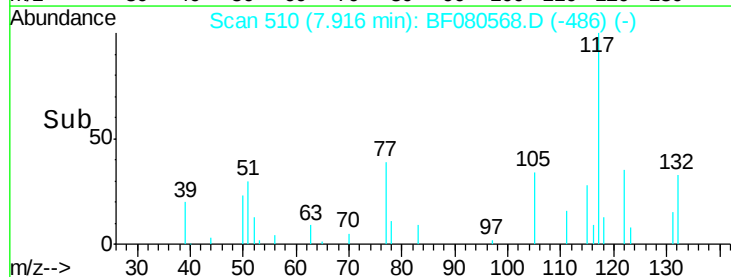
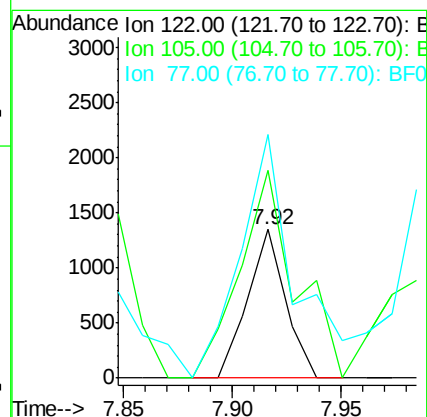
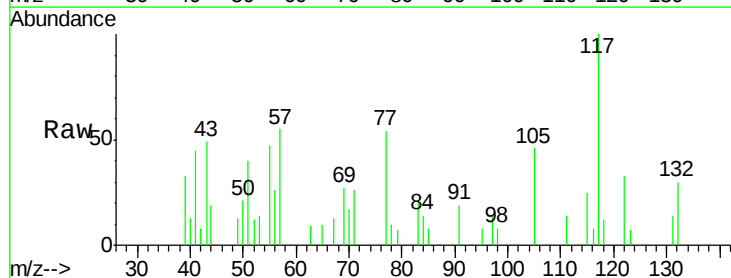
Tgt Ion: 122 Resp: 1632

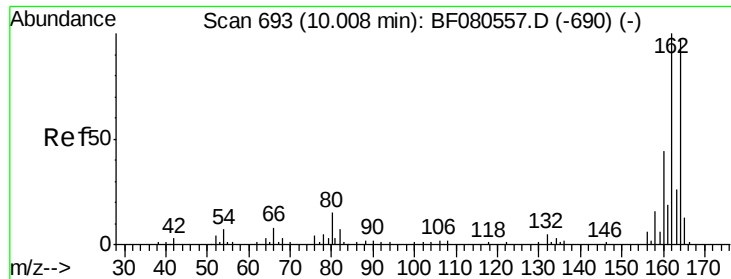
Ion Ratio Lower Upper

122 100

105 139.9 112.5 152.5

77 164.1 102.5 142.5#

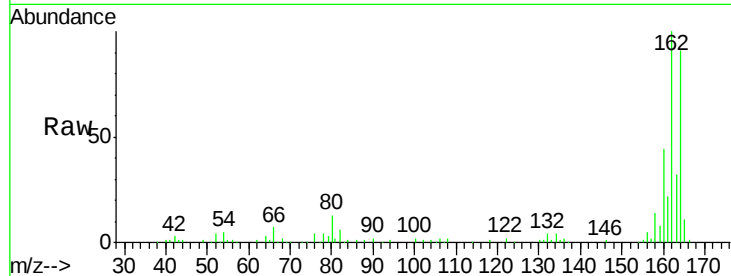




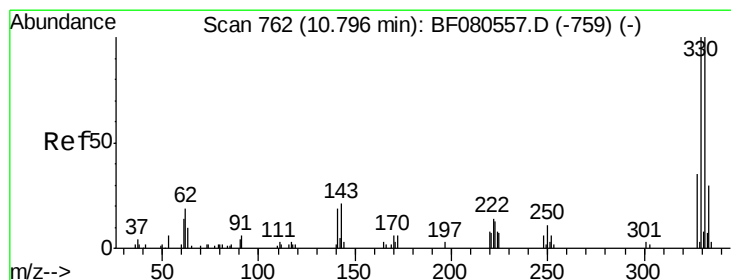
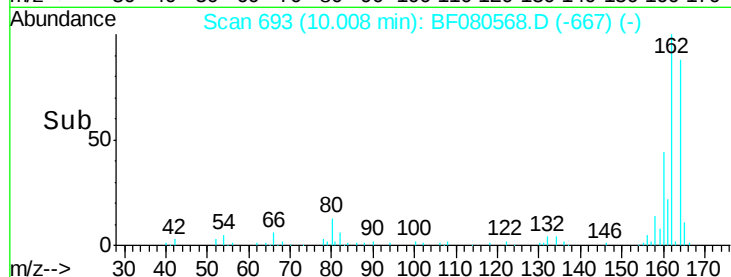
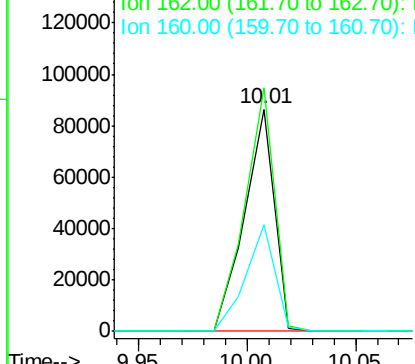
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.01 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: BF080568.D
 Acq: 22 Jul 2015 22:11

Instrument :
 BNA_F
 ClientSampleId :
 TP-1D78

Tgt Ion:164 Resp: 82273
 Ion Ratio Lower Upper
 164 100
 162 109.7 82.2 123.4
 160 48.1 36.1 54.1

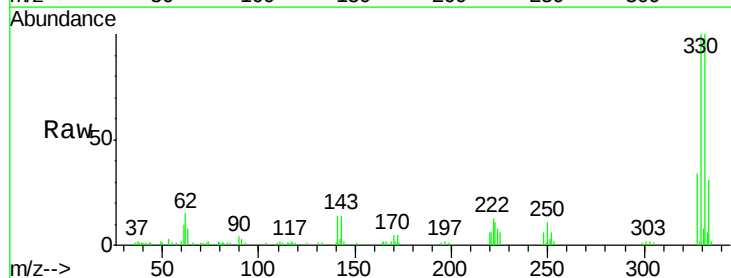


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

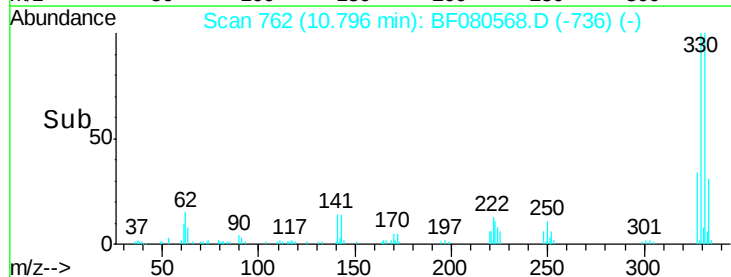
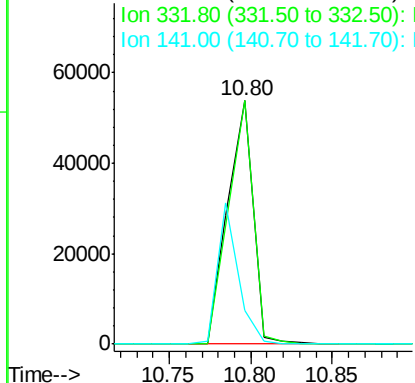


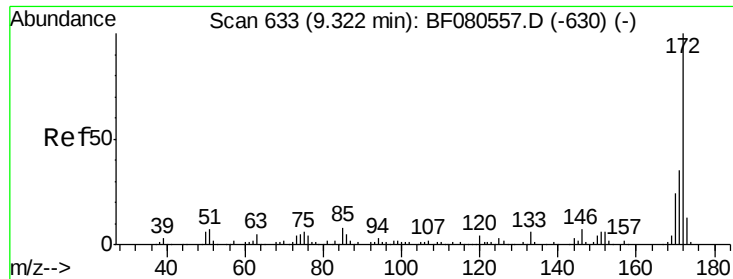
#41
 2,4,6-Tribromophenol
 Concen: 96.41 ng
 RT: 10.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF080568.D
 Acq: 22 Jul 2015 22:11

Tgt Ion:330 Resp: 58072
 Ion Ratio Lower Upper
 330 100
 332 97.1 78.3 117.5
 141 47.0 37.9 56.9



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

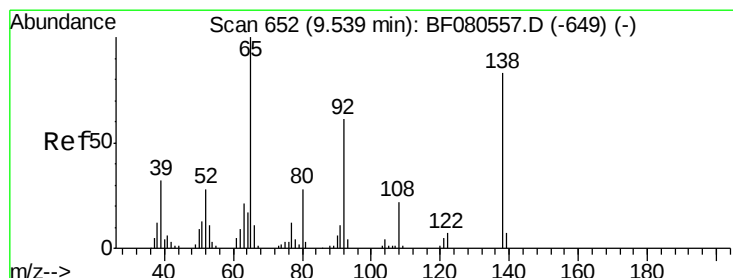
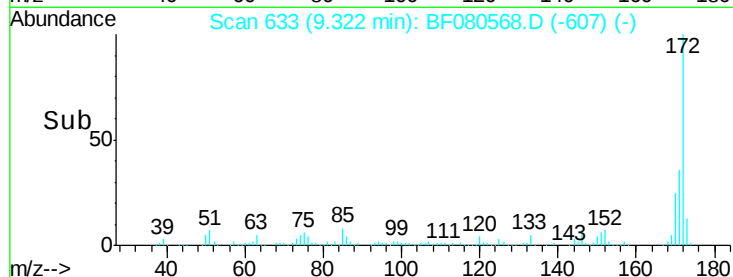
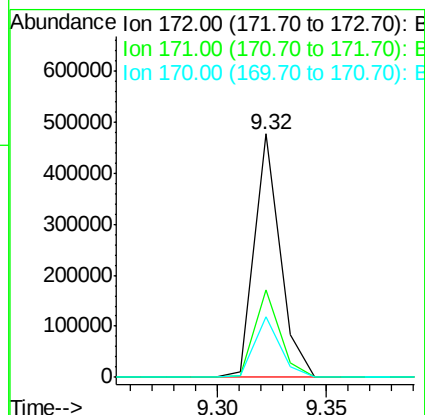
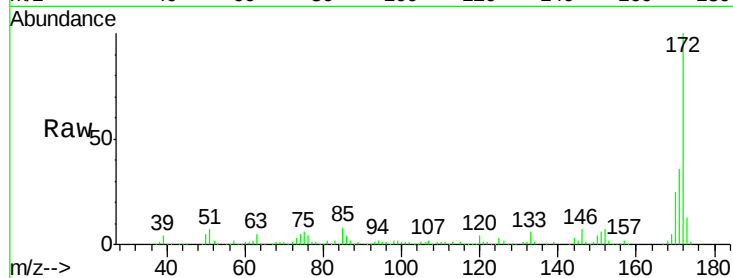




#44
 2-Fluorobiphenyl
 Concen: 68.26 ng
 RT: 9.32 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF080568.D
 Acq: 22 Jul 2015 22:11

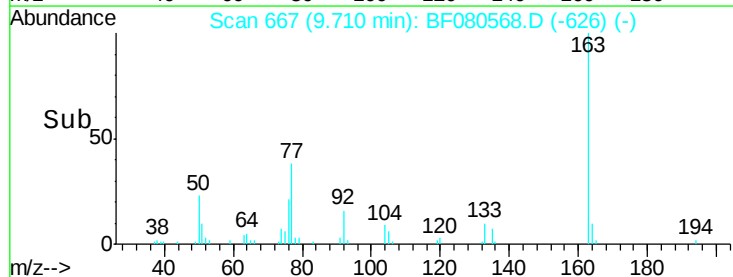
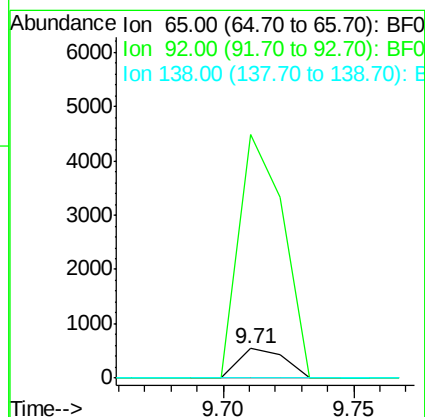
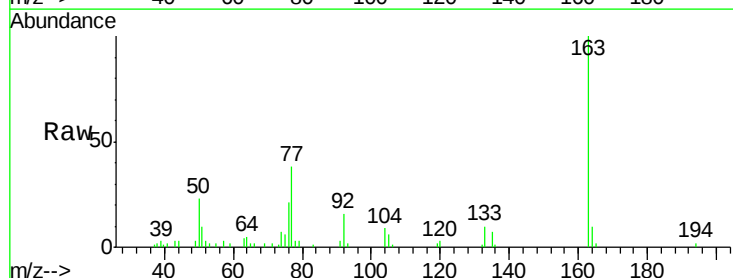
Instrument :
 BNA_F
 ClientSampleId :
 TP-1D78

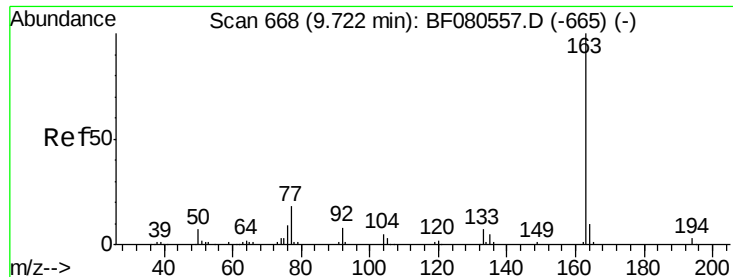
Tgt Ion:172 Resp: 390551
 Ion Ratio Lower Upper
 172 100
 171 36.1 27.7 41.5
 170 25.1 19.1 28.7



#47
 2-Nitroaniline
 Concen: 3.15 ng
 RT: 9.71 min Scan# 667
 Delta R.T. 0.17 min
 Lab File: BF080568.D
 Acq: 22 Jul 2015 22:11

Tgt Ion: 65 Resp: 663
 Ion Ratio Lower Upper
 65 100
 92 825.6 48.7 73.1#
 138 0.0 66.8 100.2#

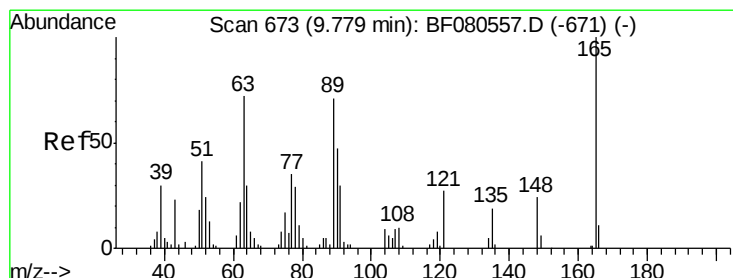
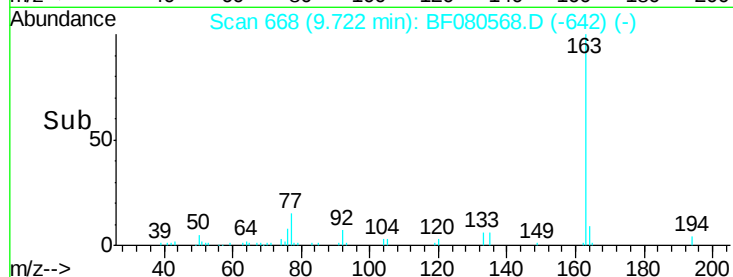
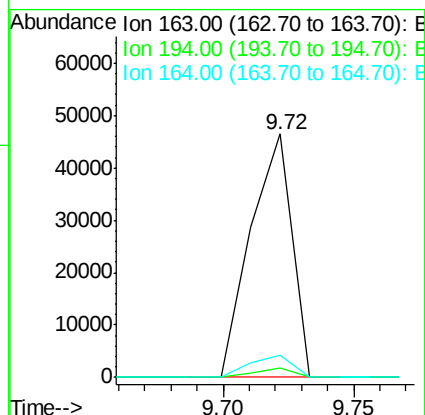
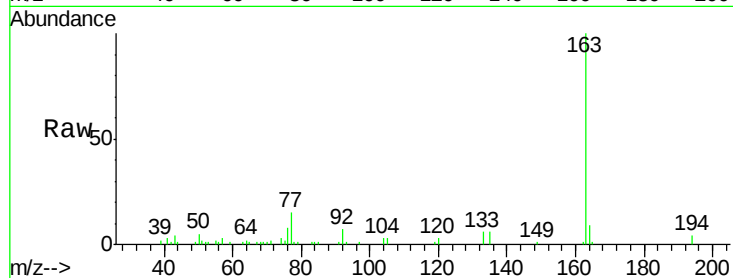




#49
Dimethylphthalate
Concen: 8.92 ng
RT: 9.72 min Scan# 668
Delta R.T. 0.00 min
Lab File: BF080568.D
Acq: 22 Jul 2015 22:11

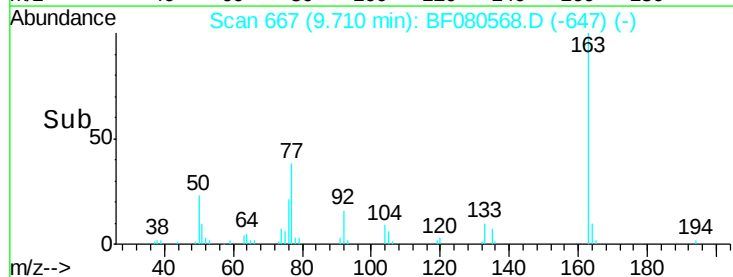
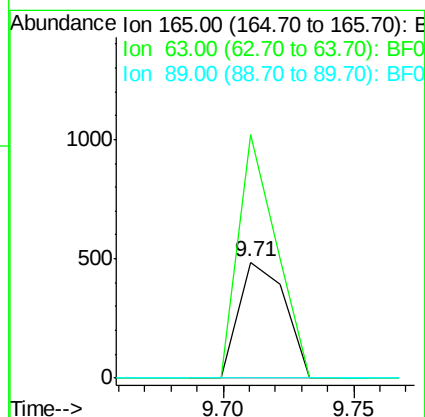
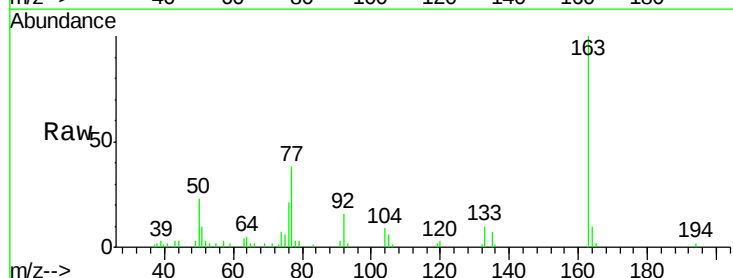
Instrument :
BNA_F
ClientSampleId :
TP-1D78

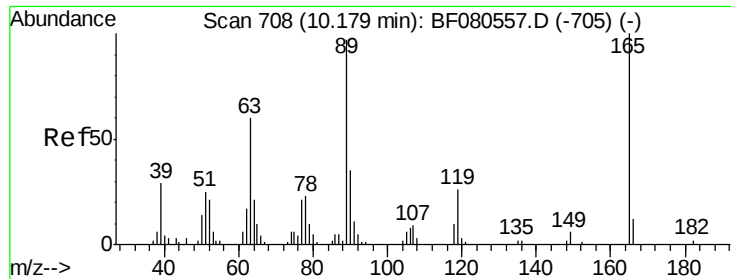
Tgt Ion:163 Resp: 51528
Ion Ratio Lower Upper
163 100
194 4.0 2.5 3.7#
164 9.2 8.1 12.1



#50
2,6-Dinitrotoluene
Concen: 4.36 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.07 min
Lab File: BF080568.D
Acq: 22 Jul 2015 22:11

Tgt Ion:165 Resp: 604
Ion Ratio Lower Upper
165 100
63 209.7 59.0 88.6#
89 0.0 56.9 85.3#

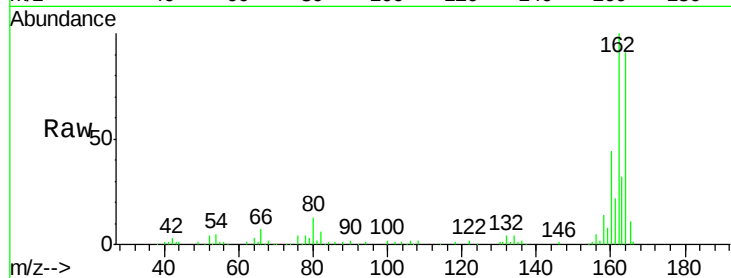




#56
2,4-Dinitrotoluene
Concen: 16.02 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.17 min
Lab File: BF080568.D
Acq: 22 Jul 2015 22:11

Instrument :
BNA_F
ClientSampleId :
TP-1D78

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.1	72.1#
89	0.0	77.4	116.0#
182	0.0	1.3	1.9#

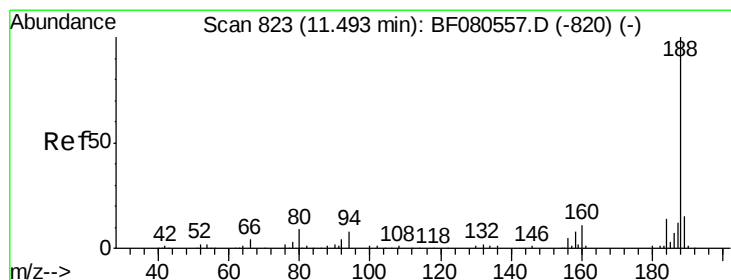
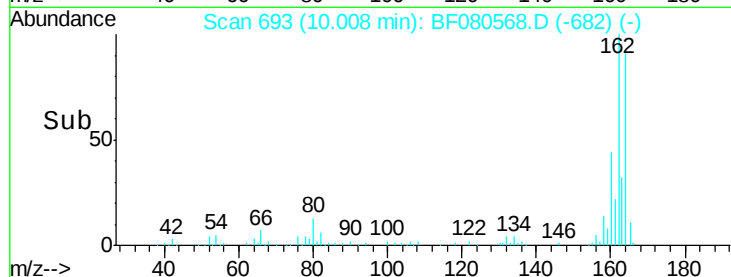
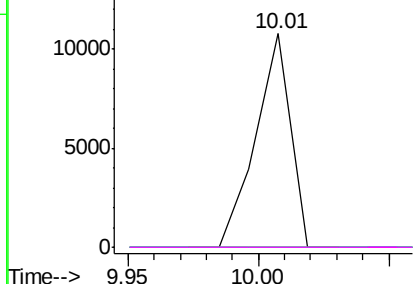


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

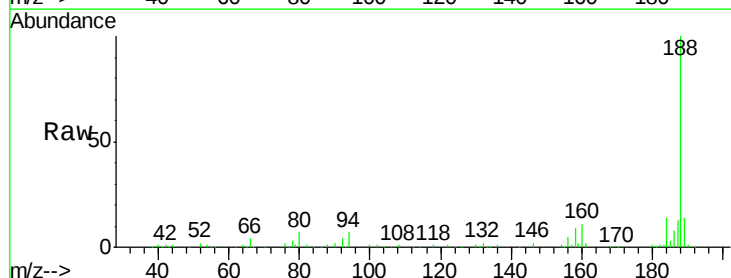
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF080568.D
Acq: 22 Jul 2015 22:11

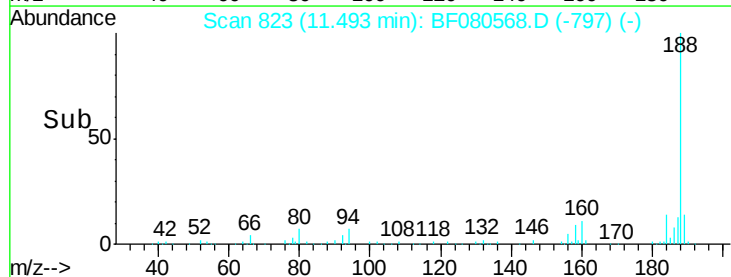
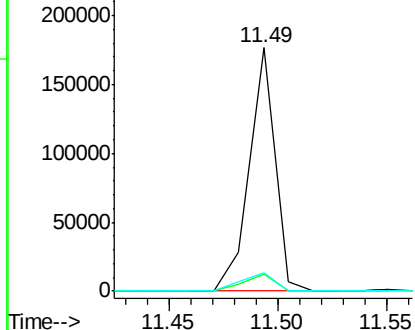
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.9	6.1	9.1
80	7.5	7.0	10.6

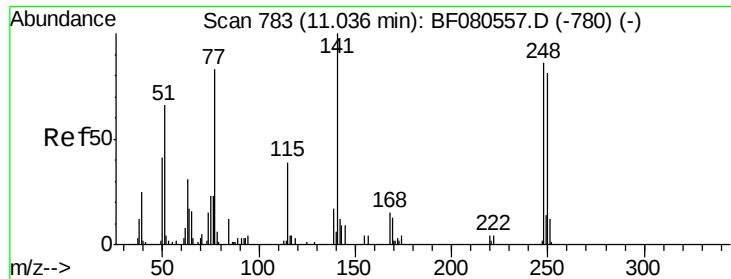


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

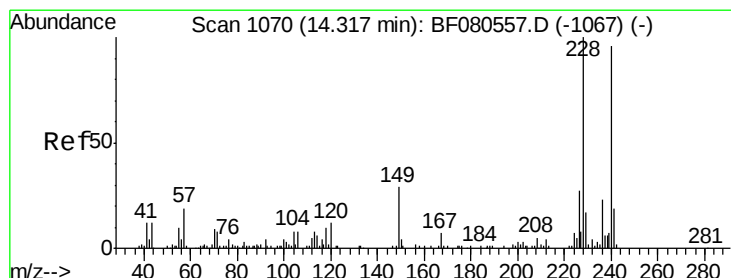
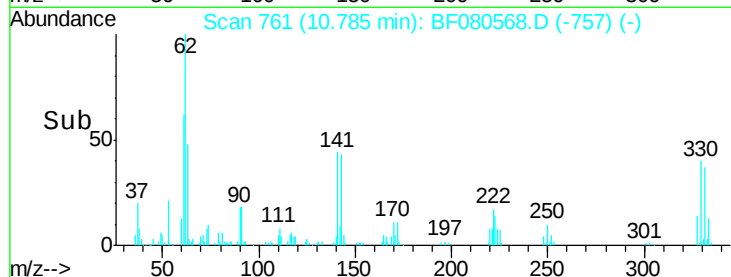
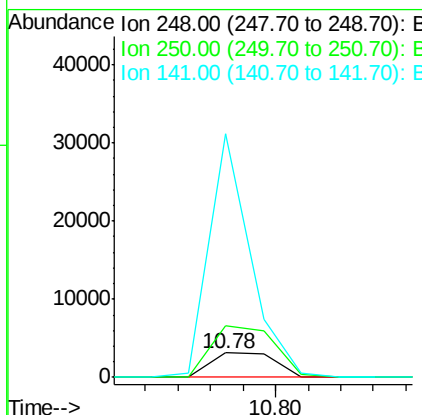
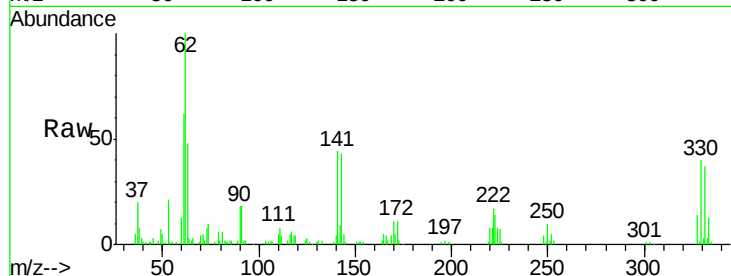




#66
4-Bromophenyl-phenylether
Concen: 3.05 ng
RT: 10.78 min Scan# 761
Delta R.T. -0.25 min
Lab File: BF080568.D
Acq: 22 Jul 2015 22:11

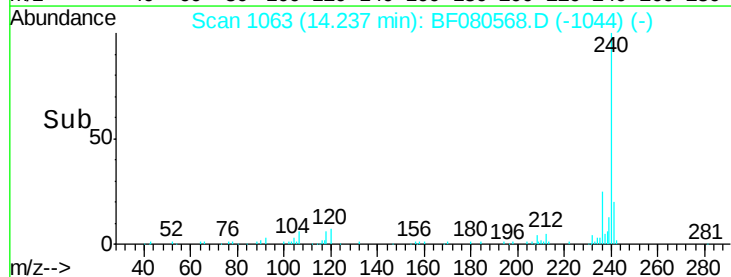
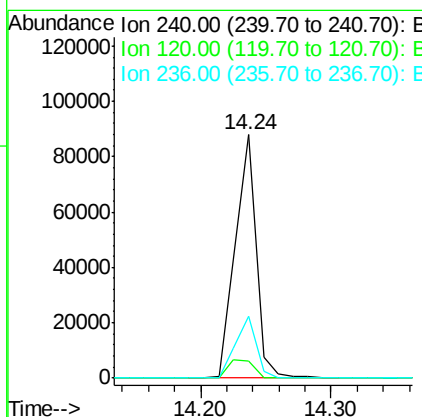
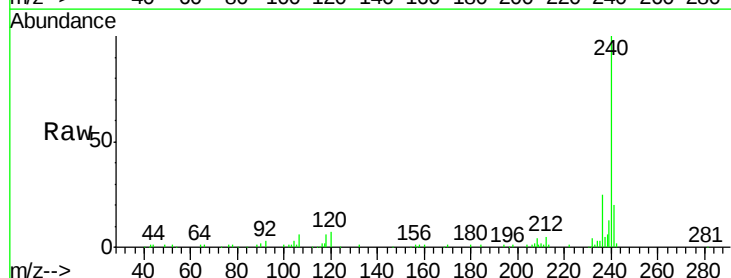
Instrument :
BNA_F
ClientSampleId :
TP-1D78

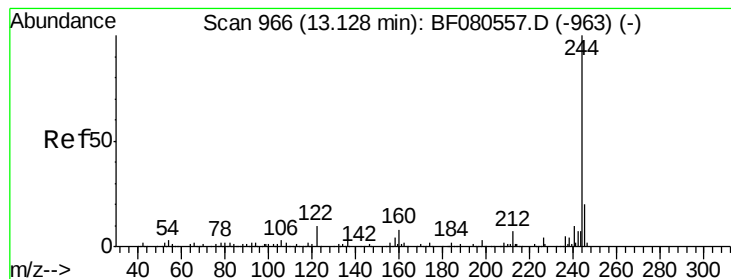
Tgt Ion:248 Resp: 4256
Ion Ratio Lower Upper
248 100
250 212.8 75.4 113.2#
141 992.0 93.4 140.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.24 min Scan# 1063
Delta R.T. -0.08 min
Lab File: BF080568.D
Acq: 22 Jul 2015 22:11

Tgt Ion:240 Resp: 97021
Ion Ratio Lower Upper
240 100
120 6.8 9.9 14.9#
236 25.4 19.1 28.7





#78

Terphenyl-d14

Concen: 63.45 ng

RT: 13.09 min Scan# 963

Delta R.T. -0.03 min

Lab File: BF080568.D

Acq: 22 Jul 2015 22:11

Instrument :

BNA_F

ClientSampleId :

TP-1D78

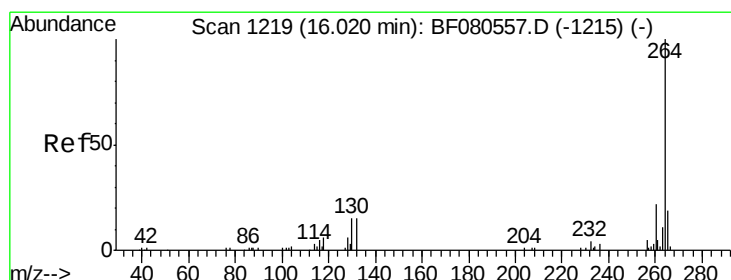
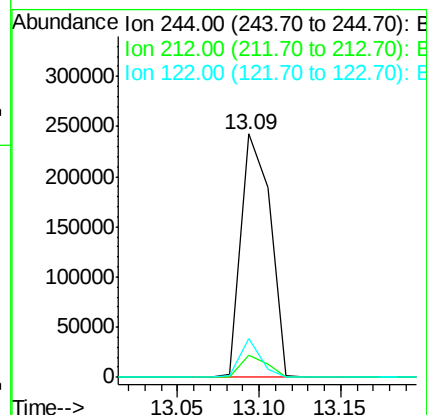
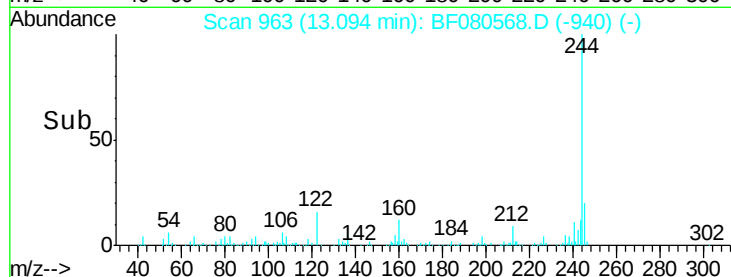
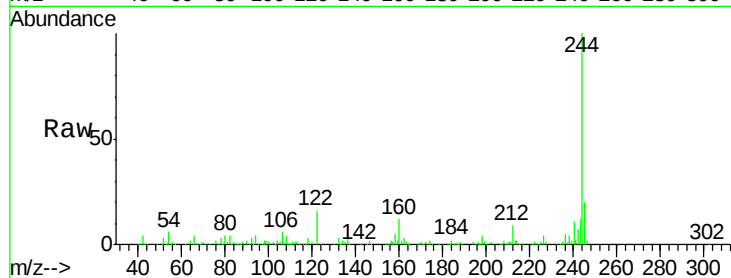
Tgt Ion:244 Resp: 300178

Ion Ratio Lower Upper

244 100

212 8.9 6.0 9.0

122 16.2 8.2 12.2#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.86 min Scan# 1205

Delta R.T. -0.16 min

Lab File: BF080568.D

Acq: 22 Jul 2015 22:11

Tgt Ion:264 Resp: 57730

Ion Ratio Lower Upper

264 100

260 25.6 17.8 26.8

265 20.0 15.6 23.4

