

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072215\
 Data File : BF080584.D
 Acq On : 23 Jul 2015 5:56
 Operator : TP/UM
 Sample : G3045-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FIELD-BLANK

Quant Time: Jul 23 06:54:22 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	44753	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	167186	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	72621	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	131959	20.00	ng	0.00
75) Chrysene-d12	14.26	240	80268	20.00	ng	-0.06
86) Perylene-d12	15.91	264	46207	20.00	ng	-0.11

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	122161	48.41	ng	0.00
7) Phenol-d6	6.56	99	85153	27.40	ng	-0.01
23) Nitrobenzene-d5	7.52	82	233585	89.99	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	62314	115.64	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	399227	79.05	ng	0.00
78) Terphenyl-d14	13.11	244	344046	87.90	ng	-0.02

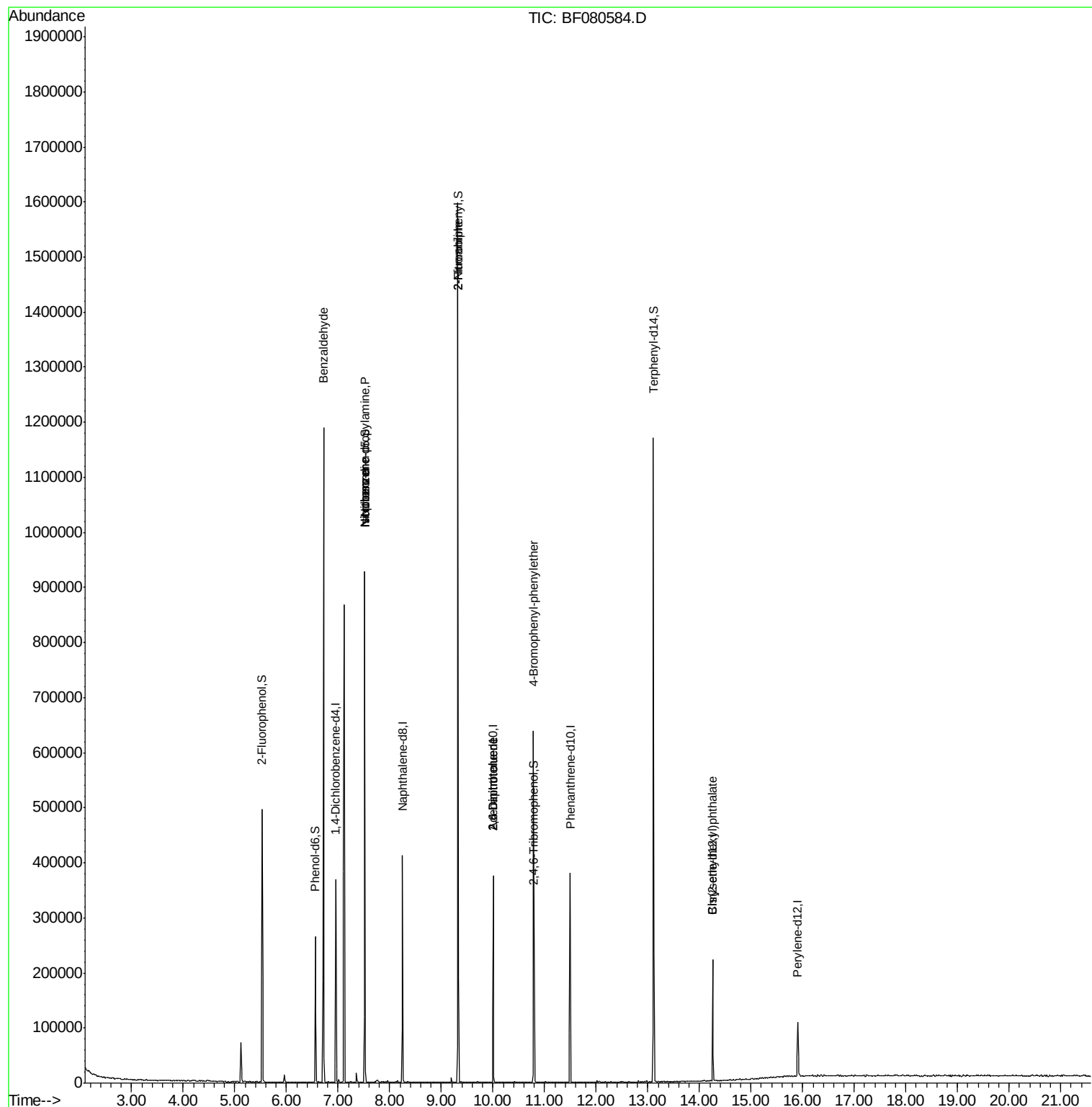
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.72	77	6619	2.83	ng	82
19) n-Nitroso-di-n-propylamine	7.52	70	32591	16.33	ng	# 76
24) Nitrobenzene	7.52	77	569	4.49	ng	# 29
25) Isophorone	7.52	82	209643	38.24	ng	# 66
47) 2-Nitroaniline	9.32	65	861	3.47	ng	# 1
50) 2,6-Dinitrotoluene	10.01	165	9147	13.65	ng	# 13
56) 2,4-Dinitrotoluene	10.01	165	9148	16.25	ng	# 10
66) 4-Bromophenyl-phenylether	10.78	248	4854	3.82	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.26	149	756	3.32	ng	# 54

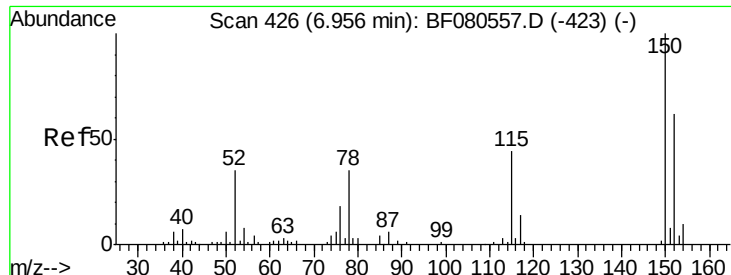
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.96 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF080584.D

Acq: 23 Jul 2015 5:56

Instrument :

BNA_F

ClientSampleId :

FIELD-BLANK

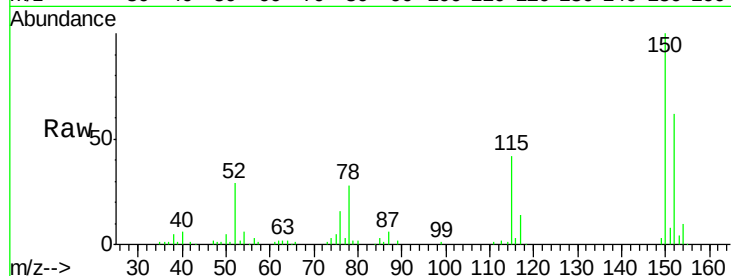
Tgt Ion:152 Resp: 44753

Ion Ratio Lower Upper

152 100

150 162.0 128.7 193.1

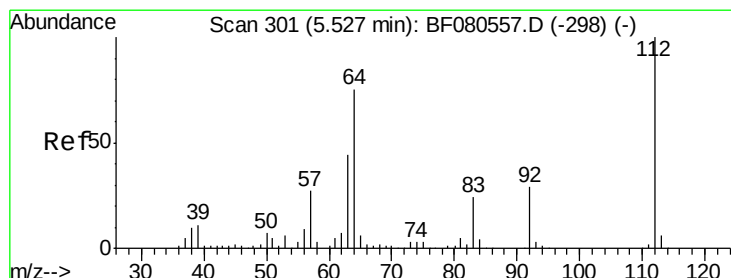
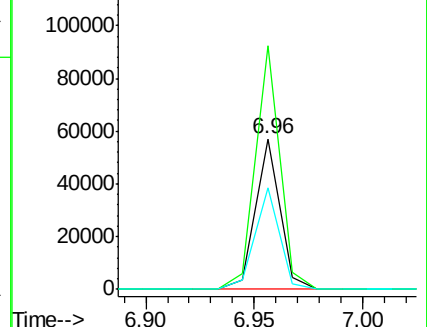
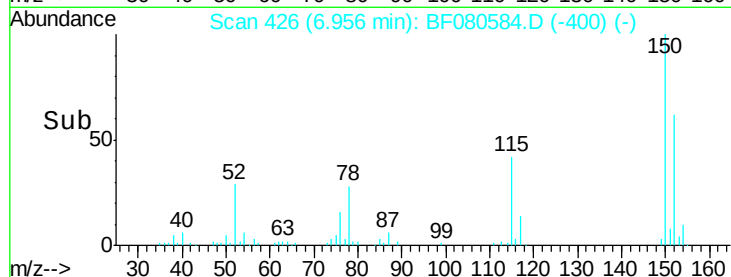
115 67.9 56.8 85.2



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: 48.41 ng

RT: 5.53 min Scan# 301

Delta R.T. 0.00 min

Lab File: BF080584.D

Acq: 23 Jul 2015 5:56

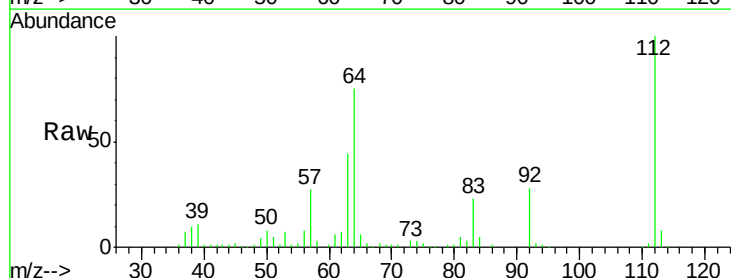
Tgt Ion:112 Resp: 122161

Ion Ratio Lower Upper

112 100

64 75.4 60.2 90.2

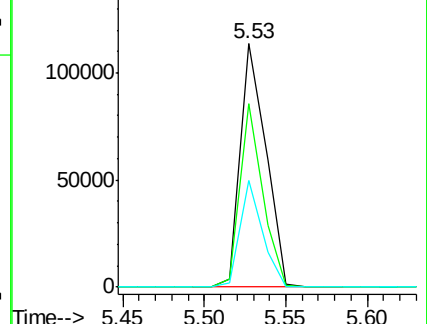
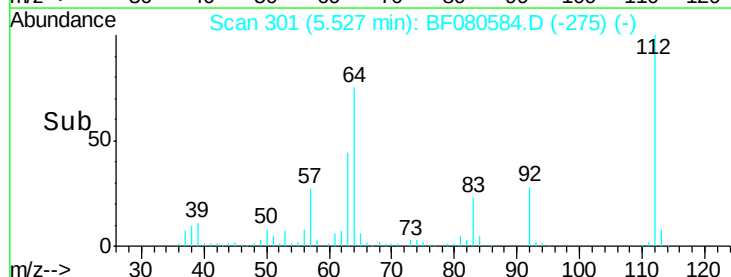
63 43.7 34.8 52.2

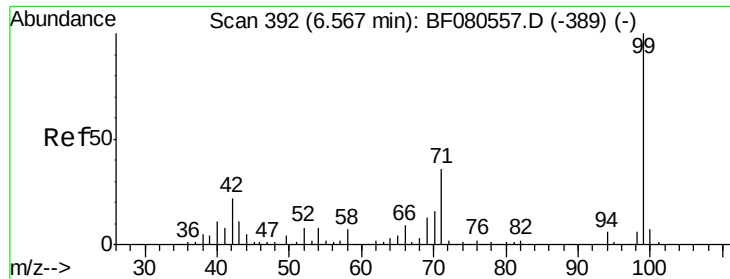


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 27.40 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF080584.D

Acq: 23 Jul 2015 5:56

Instrument :

BNA_F

ClientSampleId :

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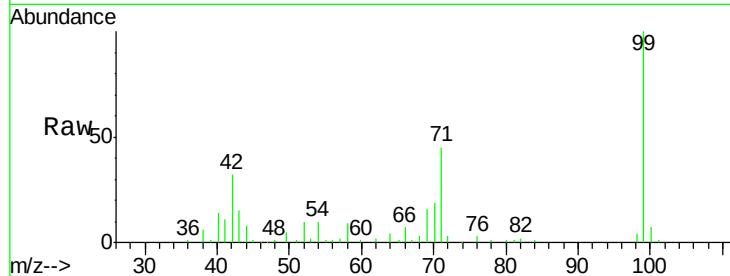
Tgt Ion: 99 Resp: 85153

Ion Ratio Lower Upper

99 100

42 31.9 17.4 26.2#

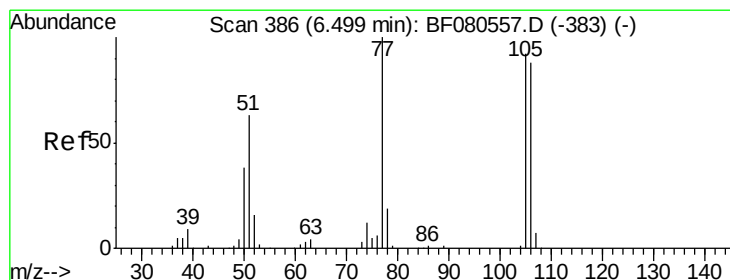
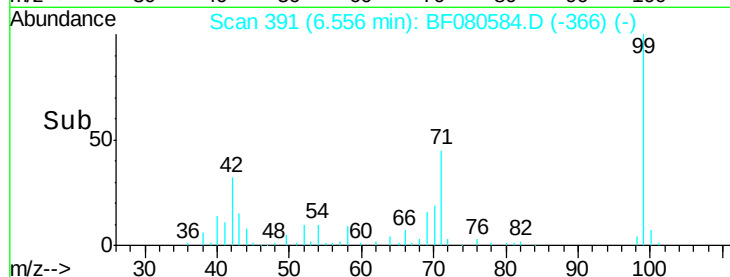
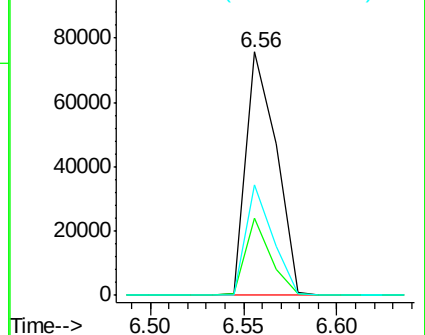
71 45.3 29.0 43.6#



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



#9

Benzaldehyde

Concen: 2.83 ng

RT: 6.72 min Scan# 405

Delta R.T. 0.22 min

Lab File: BF080584.D

Acq: 23 Jul 2015 5:56

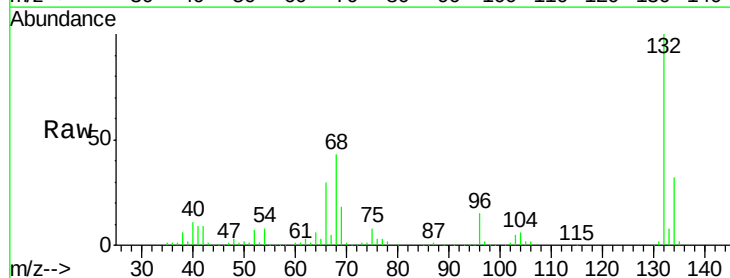
Tgt Ion: 77 Resp: 6619

Ion Ratio Lower Upper

77 100

105 73.9 72.3 112.3

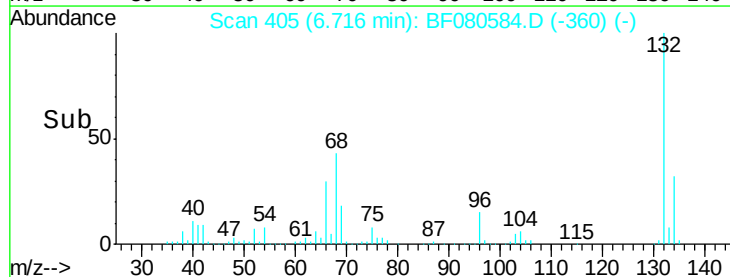
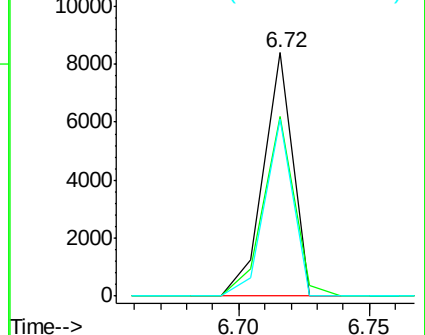
106 72.7 67.5 107.5

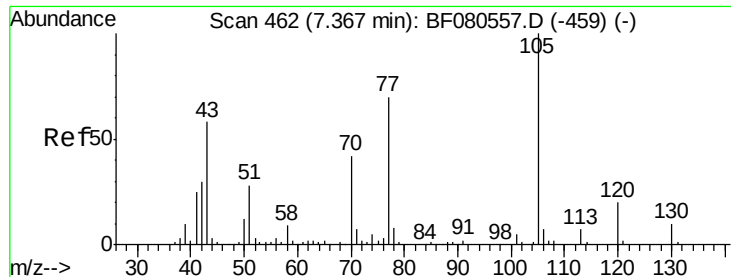


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 16.33 ng

RT: 7.52 min Scan# 475

Delta R.T. 0.15 min

Lab File: BF080584.D

Acq: 23 Jul 2015 5:56

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 70 Resp: 32591

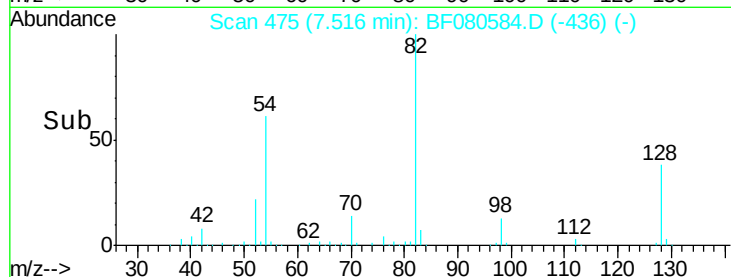
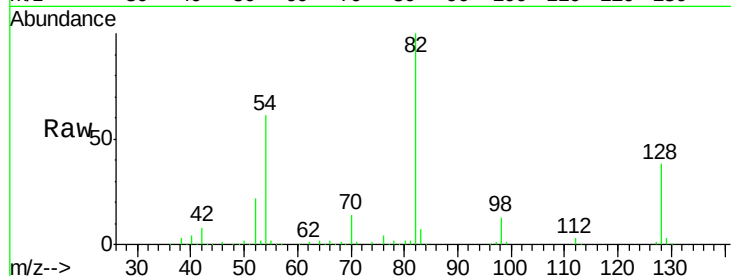
Ion Ratio Lower Upper

70 100

42 58.4 56.6 85.0

101 0.0 9.7 14.5#

130 1.0 19.1 28.7#

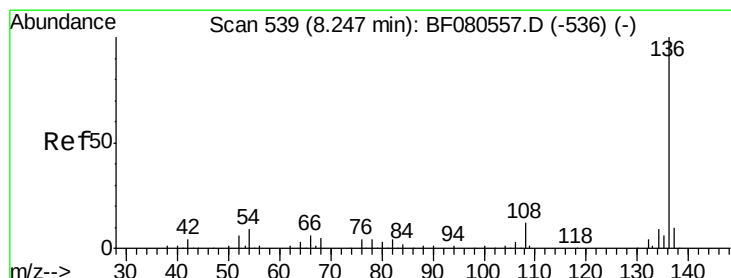
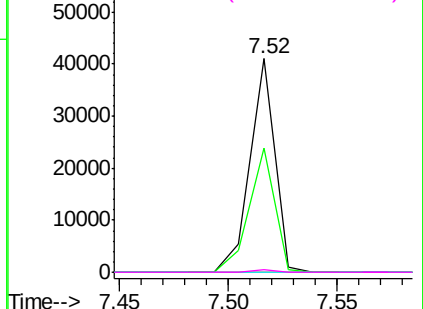


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.25 min Scan# 539

Delta R.T. 0.00 min

Lab File: BF080584.D

Acq: 23 Jul 2015 5:56

Tgt Ion: 136 Resp: 167186

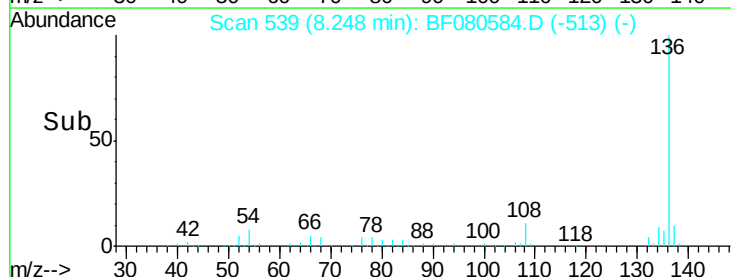
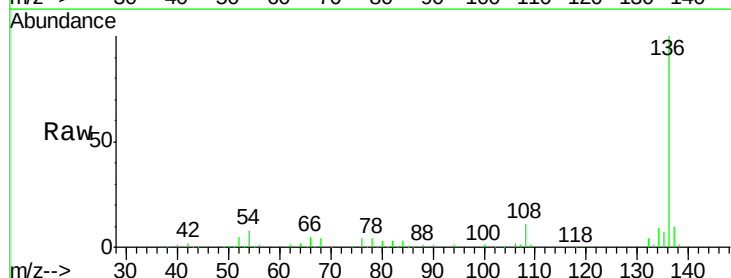
Ion Ratio Lower Upper

136 100

137 10.2 7.8 11.8

54 7.7 7.2 10.8

68 4.1 3.8 5.6

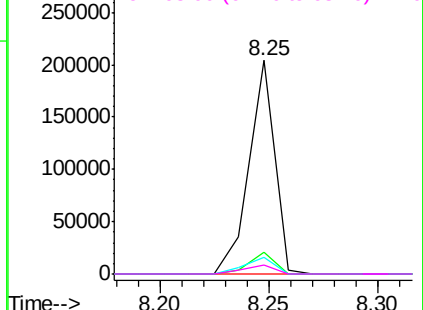


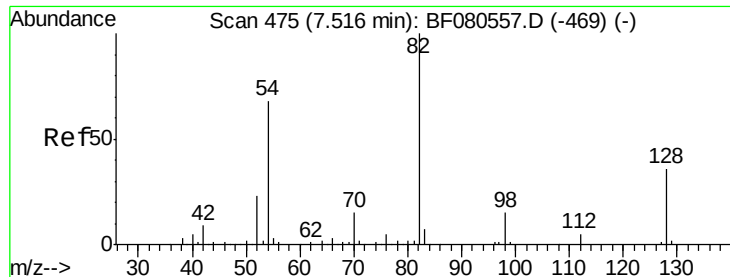
Abundance Ion 136.00 (135.70 to 136.70): E

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

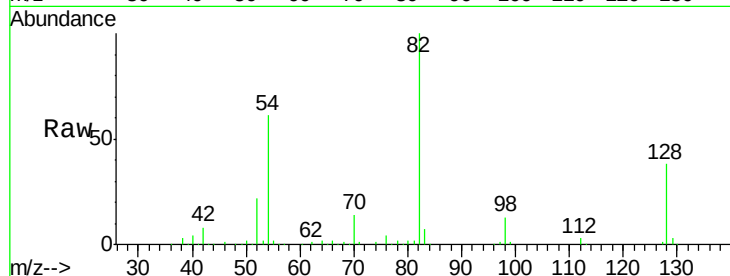




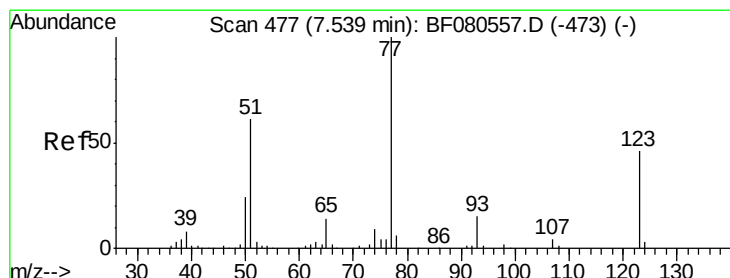
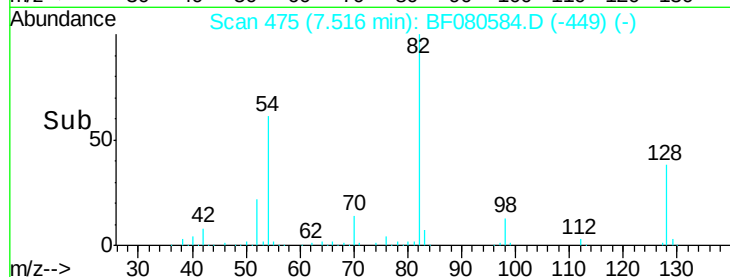
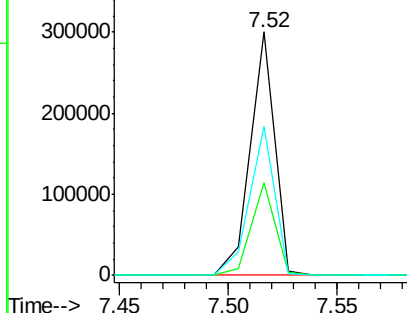
#23
 Nitrobenzene-d5
 Concen: 89.99 ng
 RT: 7.52 min Scan# 475
 Delta R.T. 0.00 min
 Lab File: BF080584.D
 Acq: 23 Jul 2015 5:56

Instrument :
 BNA_F
 ClientSampleId :
 FIELD-BLANK

Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.1	28.9	43.3
54	61.0	54.5	81.7

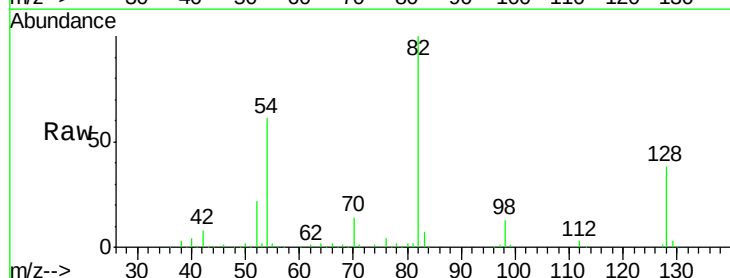


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

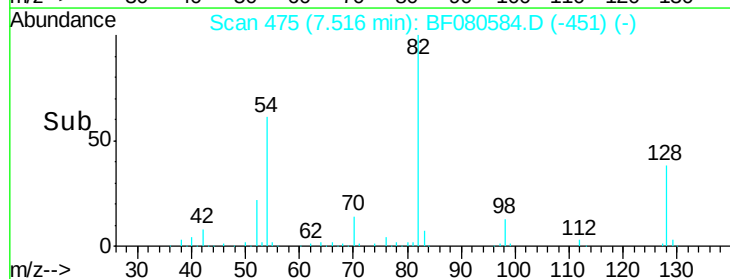
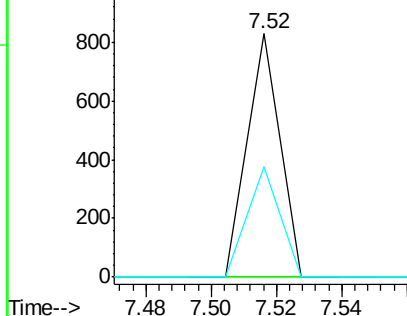


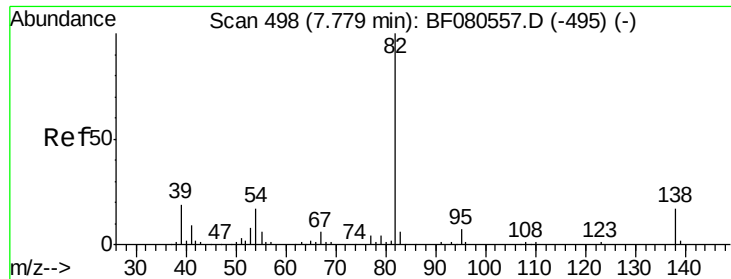
#24
 Nitrobenzene
 Concen: 4.49 ng
 RT: 7.52 min Scan# 475
 Delta R.T. -0.02 min
 Lab File: BF080584.D
 Acq: 23 Jul 2015 5:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.1	55.7#
65	45.4	11.4	17.2#



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.24 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.26 min

Lab File: BF080584.D

Acq: 23 Jul 2015 5:56

Instrument :

BNA_F

ClientSampleId :

FIELD-BLANK

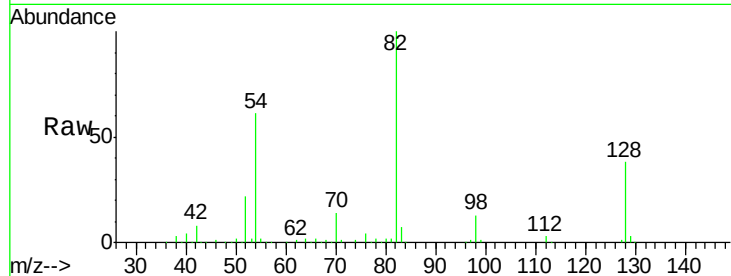
Tgt Ion: 82 Resp: 209643

Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

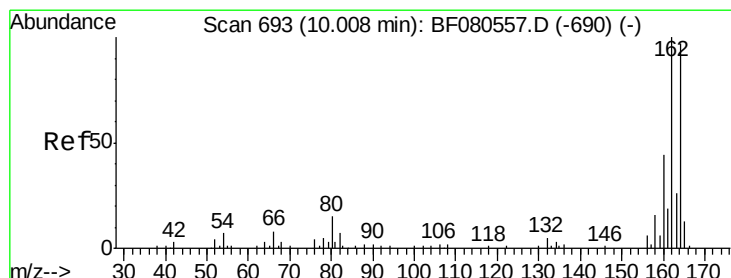
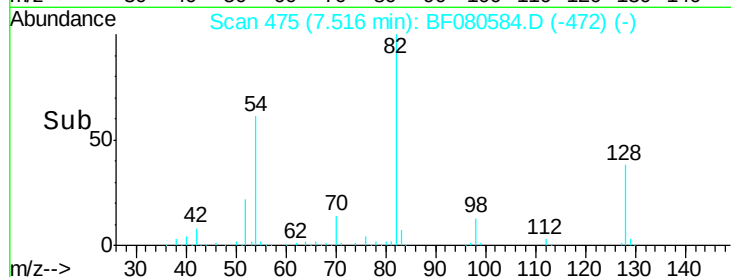
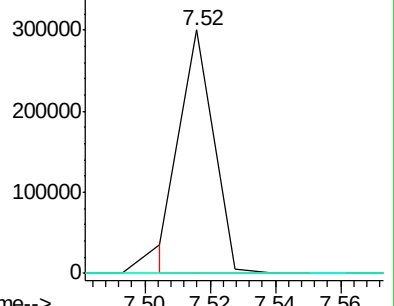
138 0.0 13.4 20.2#



Abundance Ion 82.00 (81.70 to 82.70): BF080557.D (-495) (-)

Ion 95.00 (94.70 to 95.70): BF080557.D (-495) (-)

Ion 138.00 (137.70 to 138.70): BF080557.D (-495) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.01 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF080584.D

Acq: 23 Jul 2015 5:56

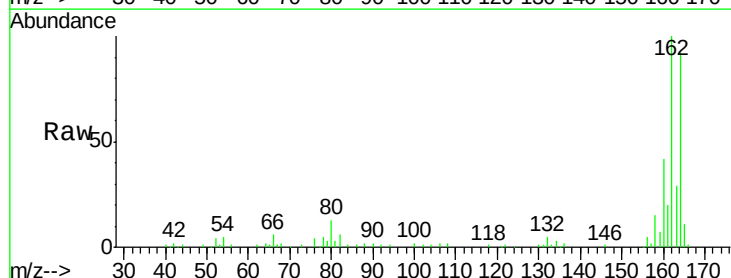
Tgt Ion: 164 Resp: 72621

Ion Ratio Lower Upper

164 100

162 109.2 82.2 123.4

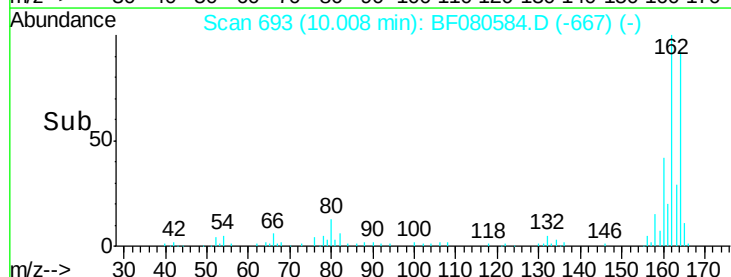
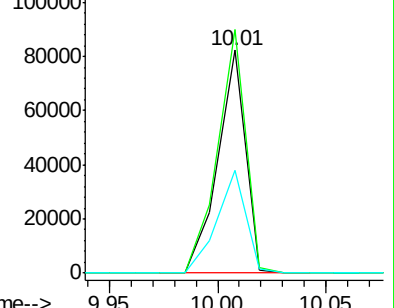
160 45.9 36.1 54.1

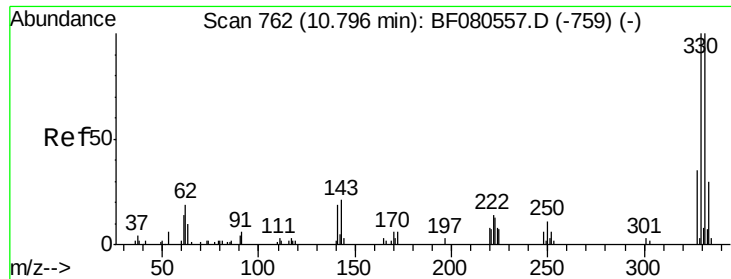


Abundance Ion 164.00 (163.70 to 164.70): BF080557.D (-690) (-)

Ion 162.00 (161.70 to 162.70): BF080557.D (-690) (-)

Ion 160.00 (159.70 to 160.70): BF080557.D (-690) (-)

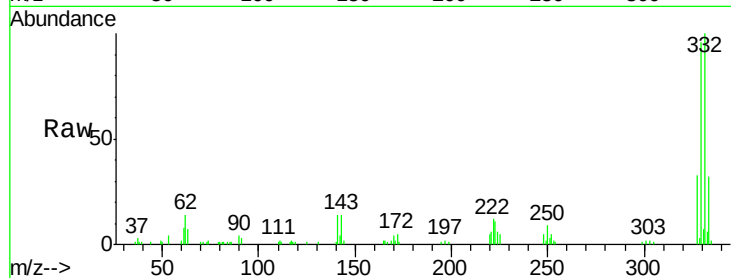




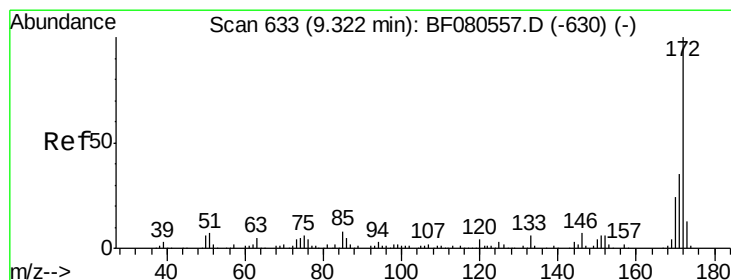
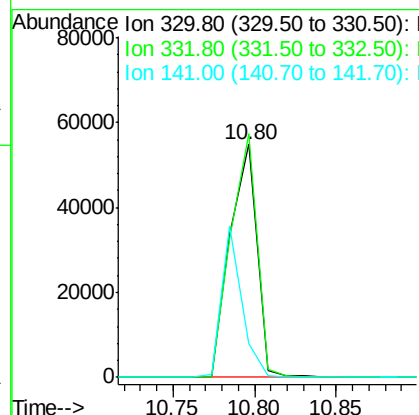
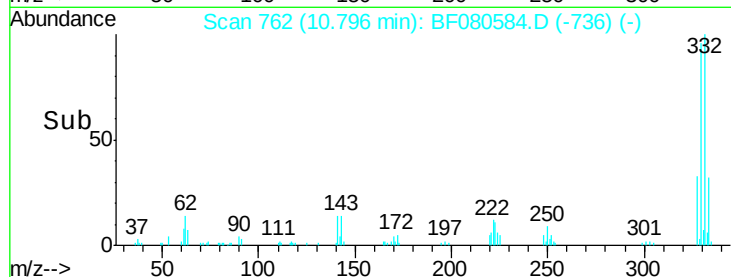
#41
 2,4,6-Tribromophenol
 Concen: 115.64 ng
 RT: 10.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF080584.D
 Acq: 23 Jul 2015 5:56

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:330 Resp: 62314
 Ion Ratio Lower Upper
 330 100
 332 101.5 78.3 117.5
 141 49.4 37.9 56.9

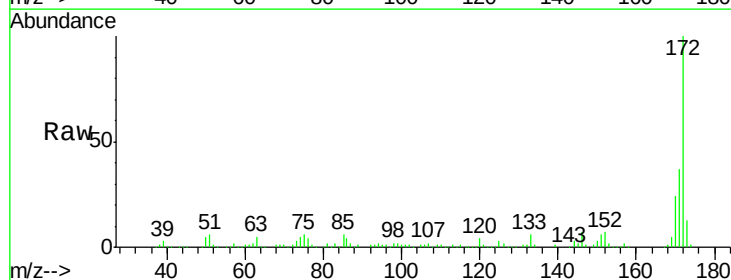


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

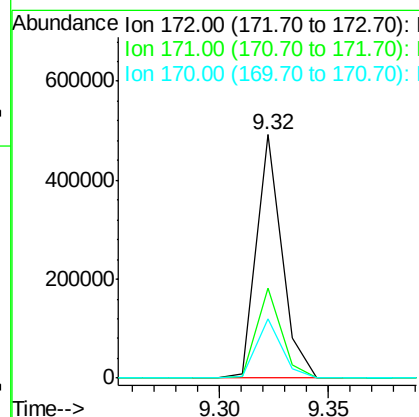
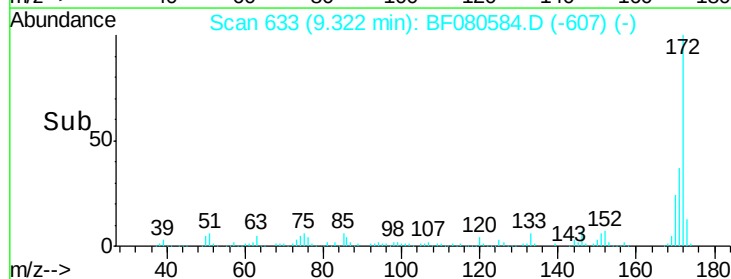


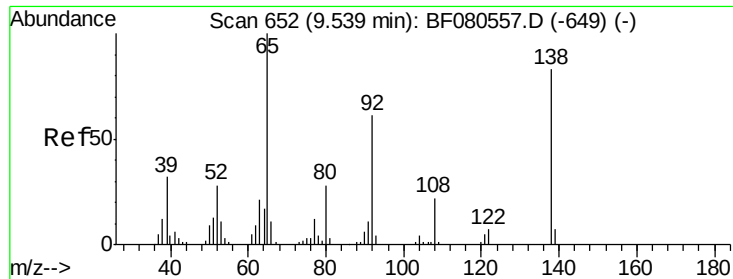
#44
 2-Fluorobiphenyl
 Concen: 79.05 ng
 RT: 9.32 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF080584.D
 Acq: 23 Jul 2015 5:56

Tgt Ion:172 Resp: 399227
 Ion Ratio Lower Upper
 172 100
 171 36.8 27.7 41.5
 170 24.2 19.1 28.7



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

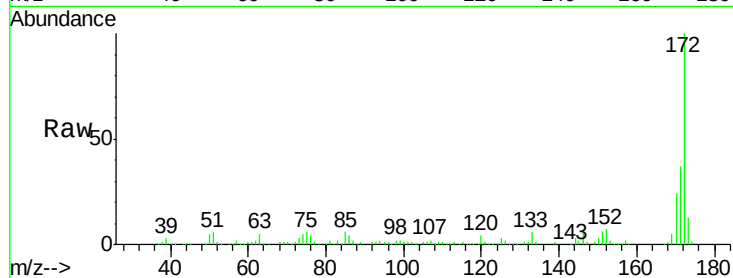




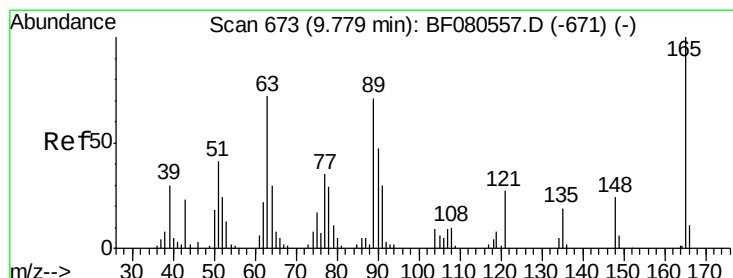
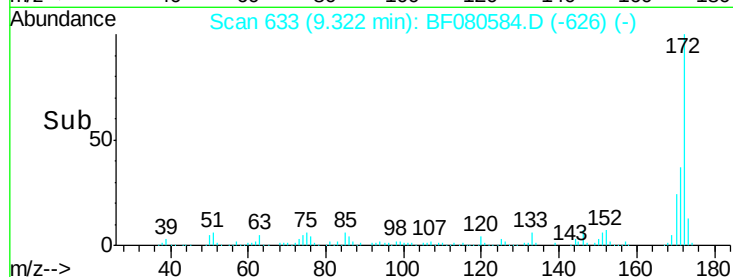
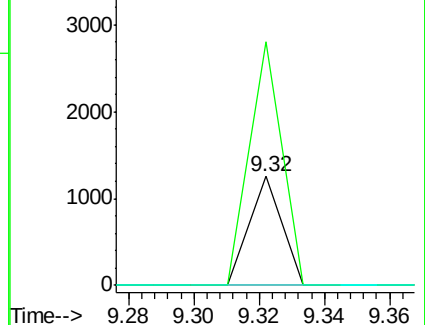
#47
 2-Nitroaniline
 Concen: 3.47 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.22 min
 Lab File: BF080584.D
 Acq: 23 Jul 2015 5:56

Instrument :
 BNA_F
 ClientSampleId :
 FIELD-BLANK

Tgt Ion: 65 Resp: 861
 Ion Ratio Lower Upper
 65 100
 92 223.2 48.7 73.1#
 138 0.0 66.8 100.2#

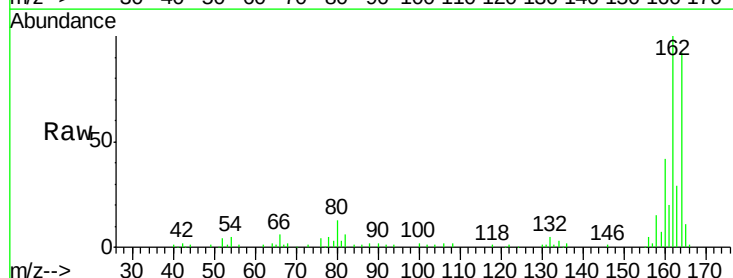


Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E

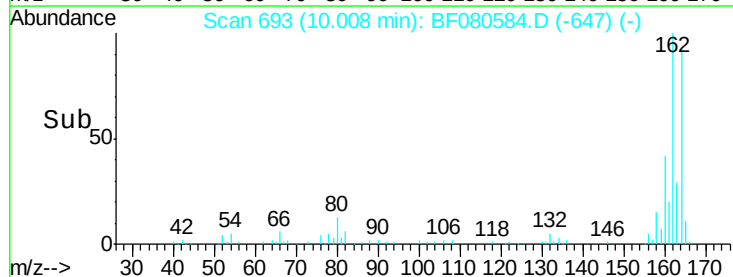
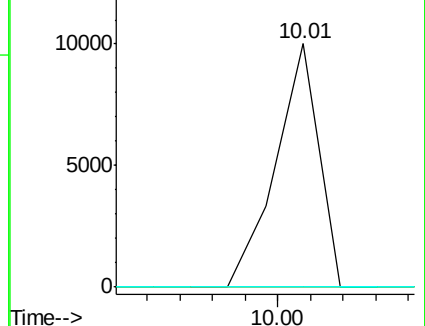


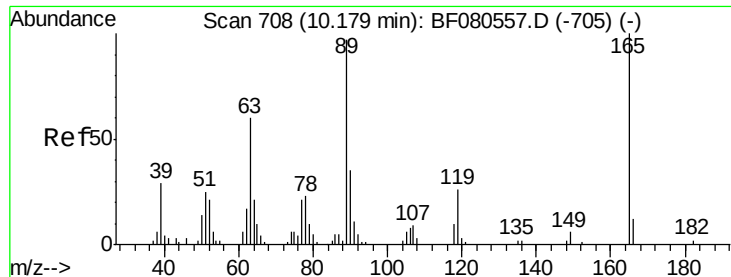
#50
 2,6-Dinitrotoluene
 Concen: 13.65 ng
 RT: 10.01 min Scan# 693
 Delta R.T. 0.23 min
 Lab File: BF080584.D
 Acq: 23 Jul 2015 5:56

Tgt Ion: 165 Resp: 9147
 Ion Ratio Lower Upper
 165 100
 63 0.0 59.0 88.6#
 89 0.0 56.9 85.3#



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

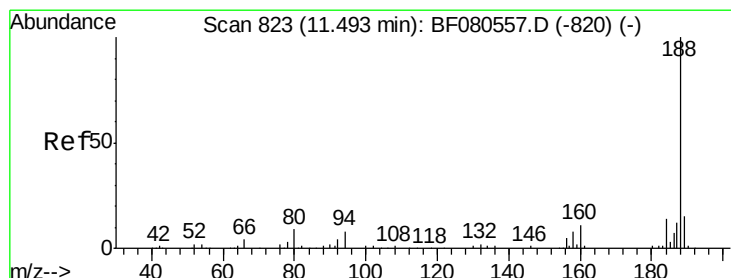
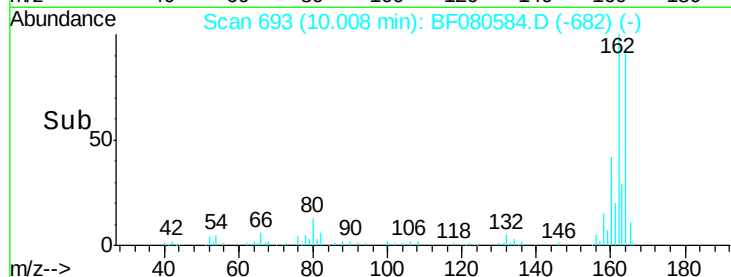
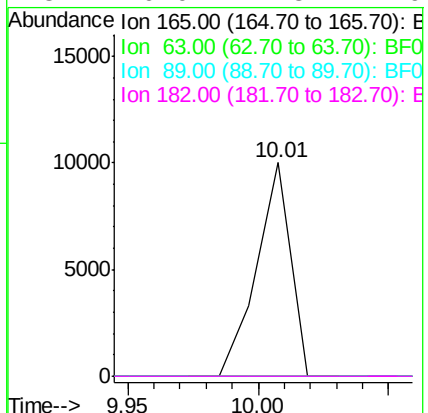
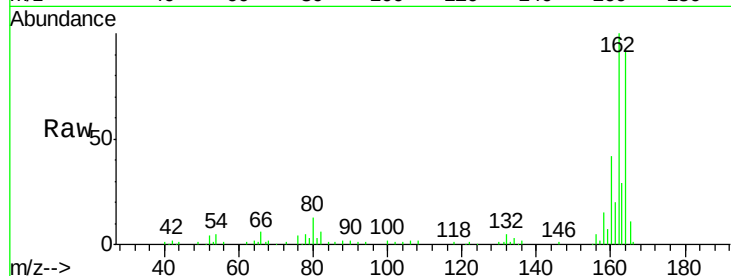




#56
 2,4-Dinitrotoluene
 Concen: 16.25 ng
 RT: 10.01 min Scan# 693
 Delta R.T. -0.17 min
 Lab File: BF080584.D
 Acq: 23 Jul 2015 5:56

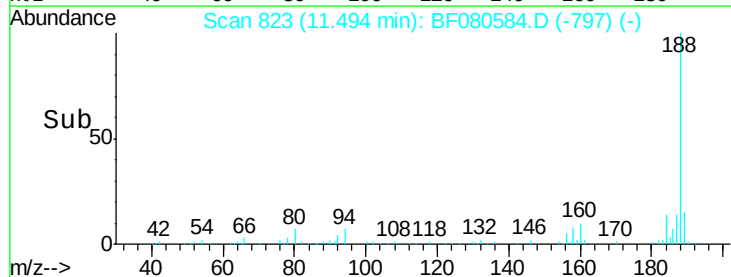
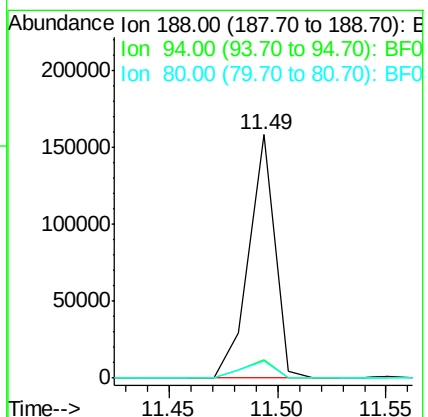
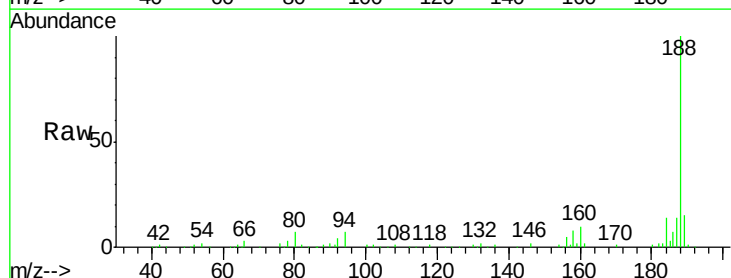
Instrument :
 BNA_F
 ClientSampleId :
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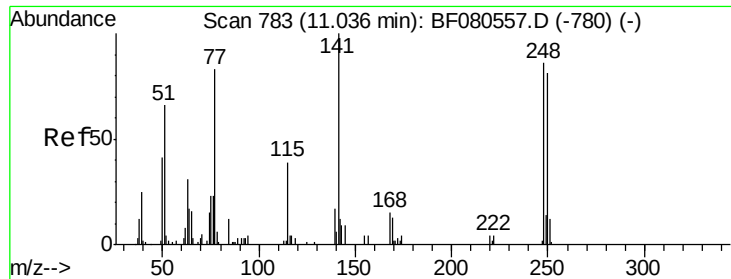
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.1	72.1#
89	0.0	77.4	116.0#
182	0.0	1.3	1.9#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.49 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF080584.D
 Acq: 23 Jul 2015 5:56

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.1	9.1
80	7.2	7.0	10.6

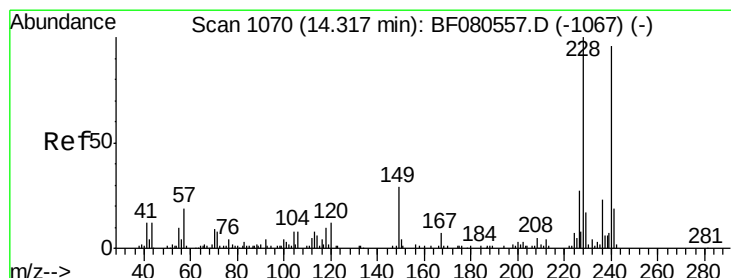
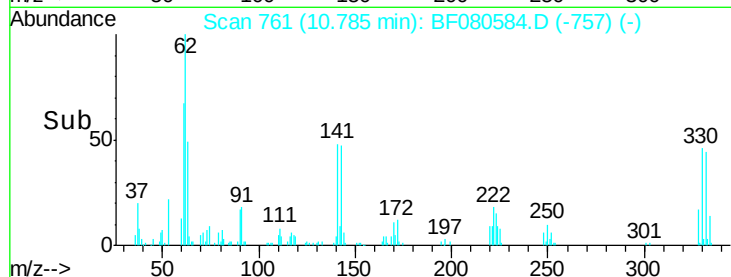
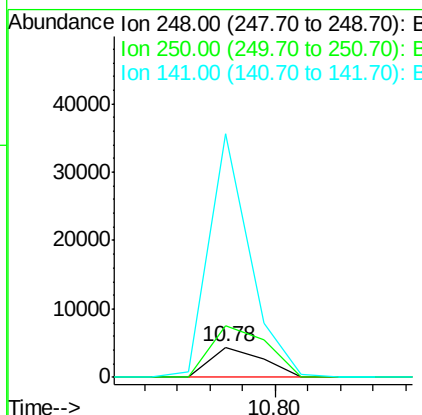
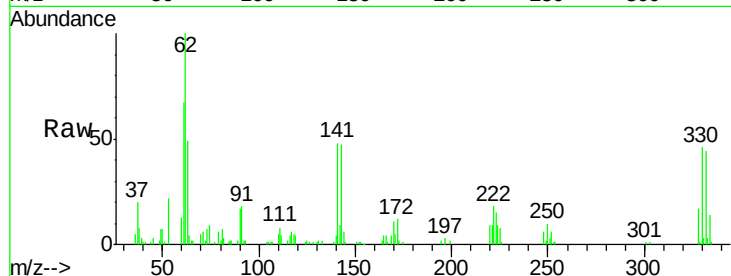




#66
4-Bromophenyl-phenylether
Concen: 3.82 ng
RT: 10.78 min Scan# 761
Delta R.T. -0.25 min
Lab File: BF080584.D
Acq: 23 Jul 2015 5:56

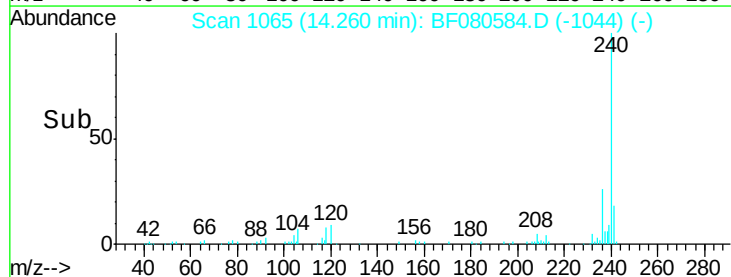
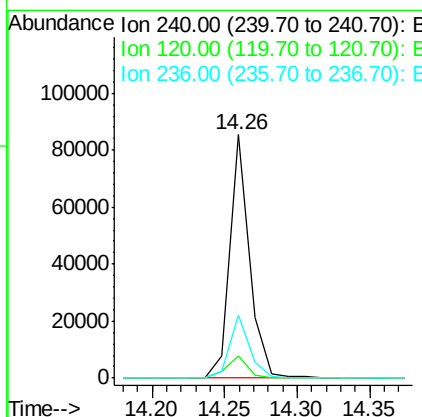
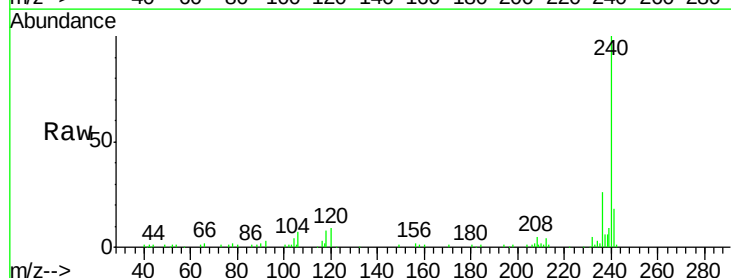
Instrument :
BNA_F
ClientSampleId :
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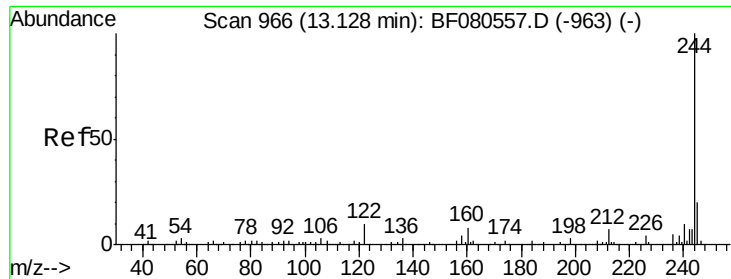
Tgt Ion:248 Resp: 4854
Ion Ratio Lower Upper
248 100
250 171.9 75.4 113.2#
141 802.2 93.4 140.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.26 min Scan# 1065
Delta R.T. -0.06 min
Lab File: BF080584.D
Acq: 23 Jul 2015 5:56

Tgt Ion:240 Resp: 80268
Ion Ratio Lower Upper
240 100
120 9.3 9.9 14.9#
236 26.0 19.1 28.7

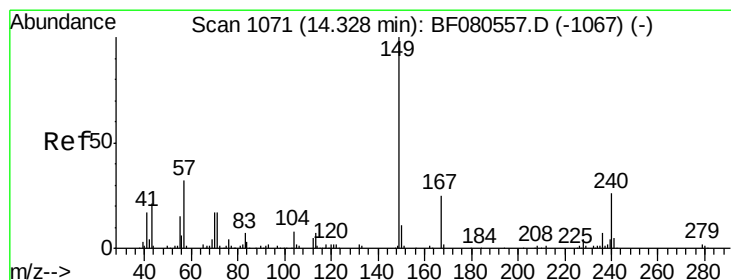
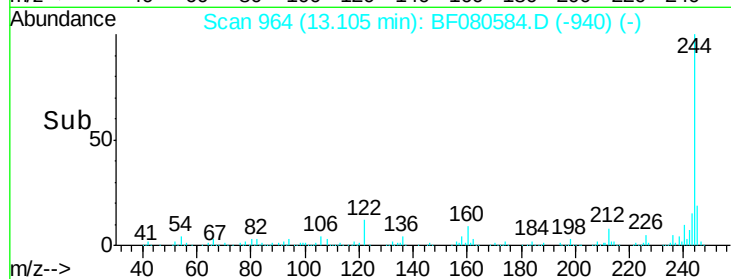
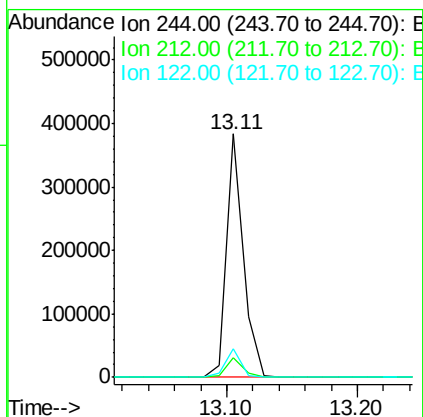
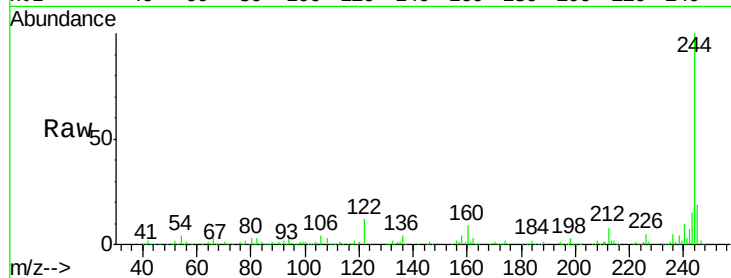




#78
 Terphenyl-d14
 Concen: 87.90 ng
 RT: 13.11 min Scan# 964
 Delta R.T. -0.02 min
 Lab File: BF080584.D
 Acq: 23 Jul 2015 5:56

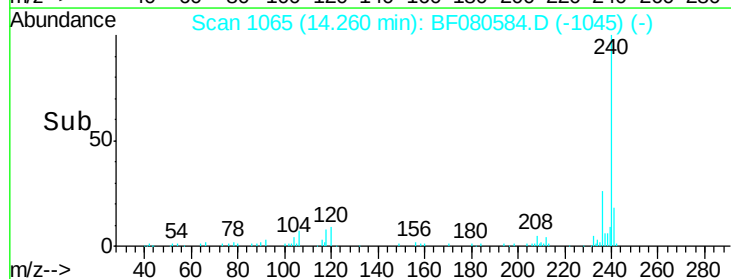
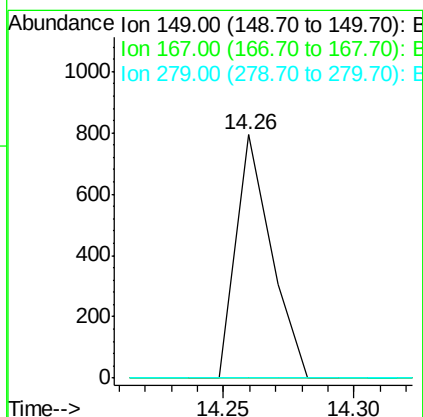
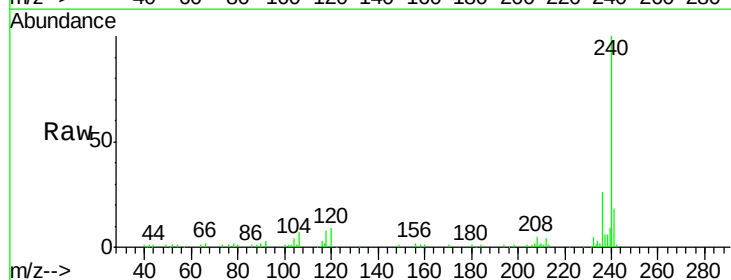
Instrument :
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 ClientSampleId :
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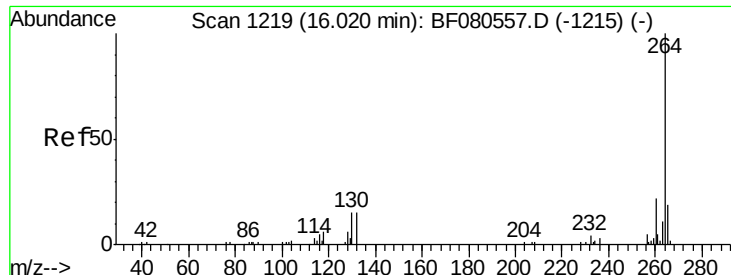
Tgt Ion:244 Resp: 344046
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.0 9.0
 122 11.7 8.2 12.2



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.32 ng
 RT: 14.26 min Scan# 1065
 Delta R.T. -0.07 min
 Lab File: BF080584.D
 Acq: 23 Jul 2015 5:56

Tgt Ion:149 Resp: 756
 Ion Ratio Lower Upper
 149 100
 167 0.0 20.2 30.2#
 279 0.0 2.0 3.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.91 min Scan# 1209
Delta R.T. -0.11 min
Lab File: BF080584.D
Acq: 23 Jul 2015 5:56

Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK

Tgt Ion: 264 Resp: 46207
Ion Ratio Lower Upper
264 100
260 27.7 17.8 26.8#
265 24.7 15.6 23.4#

