

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072215\
 Data File : BF080585.D
 Acq On : 23 Jul 2015 6:24
 Operator : TP/UM
 Sample : G3045-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RINSATE-BLANK

Quant Time: Jul 23 06:54:42 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	43504	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	160133	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	71171	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	120674	20.00	ng	0.00
75) Chrysene-d12	14.35	240	84602	20.00	ng	0.03
86) Perylene-d12	16.09	264	53830	20.00	ng	0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	102664	41.85	ng	0.00
7) Phenol-d6	6.56	99	71772	23.76	ng	-0.01
23) Nitrobenzene-d5	7.52	82	205571	82.69	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	56760	107.99	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	370366	74.83	ng	0.00
78) Terphenyl-d14	13.15	244	330684	80.15	ng	0.02

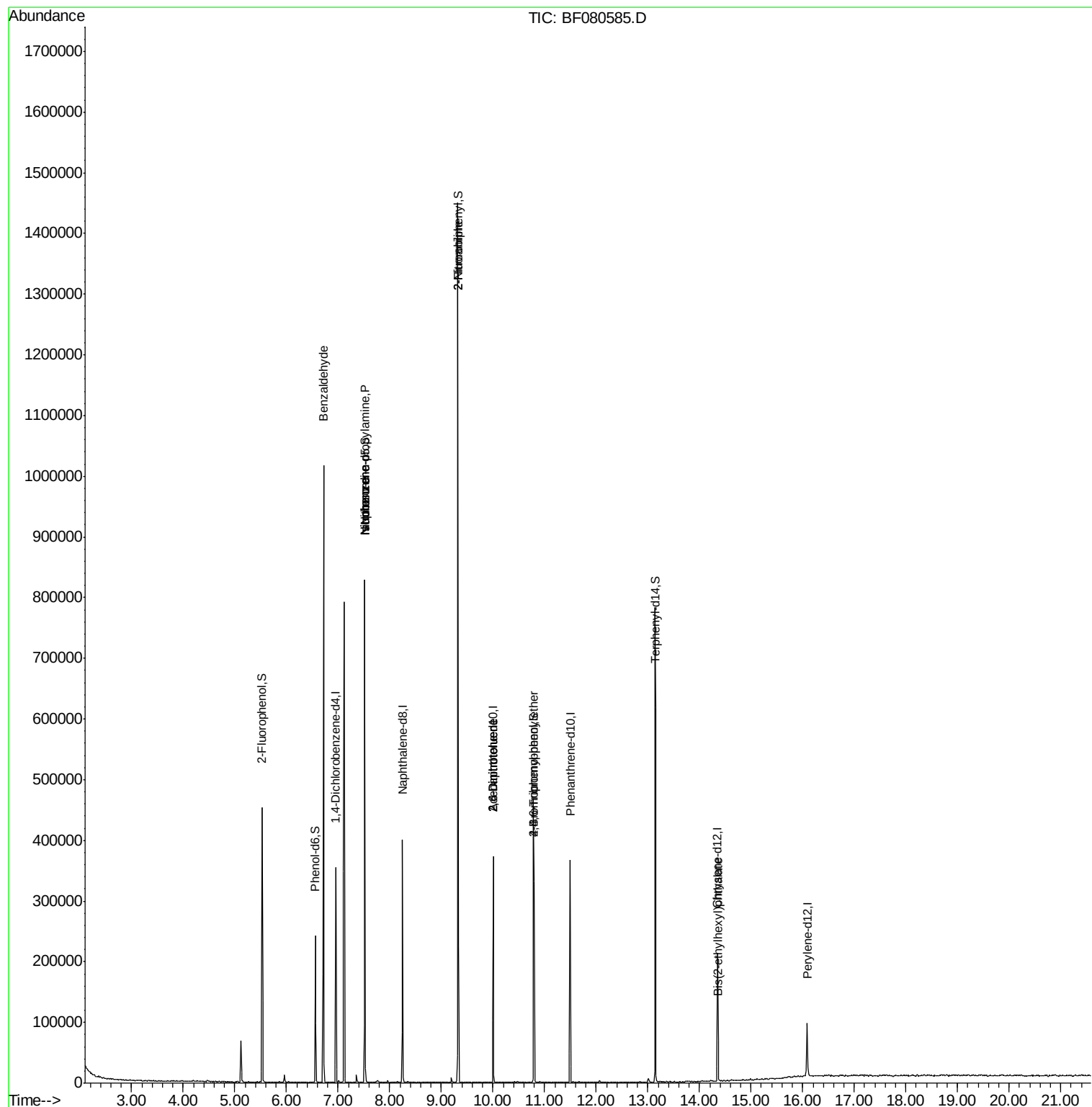
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.72	77	5856	2.58	ng	85
19) n-Nitroso-di-n-propylamine	7.52	70	28999	14.94	ng	# 78
24) Nitrobenzene	7.52	77	604	4.51	ng	# 30
25) Isophorone	7.52	82	186795	35.57	ng	# 66
47) 2-Nitroaniline	9.32	65	774	3.39	ng	# 1
50) 2,6-Dinitrotoluene	10.01	165	9266	13.98	ng	# 13
56) 2,4-Dinitrotoluene	10.01	165	9267	16.51	ng	# 10
66) 4-Bromophenyl-phenylether	10.80	248	3877	3.34	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.36	149	276	3.16	ng	# 54

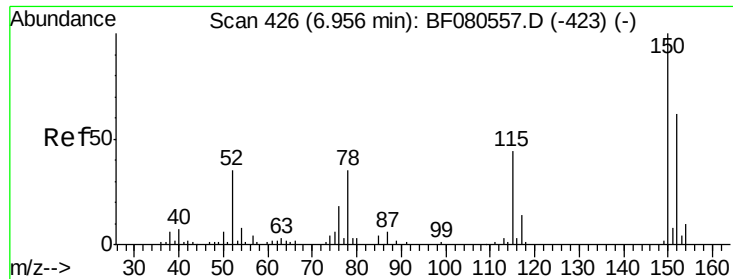
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF080585.D

Acq: 23 Jul 2015 6:24

Instrument :

BNA_F

ClientSampleId :

RINSATE-BLANK

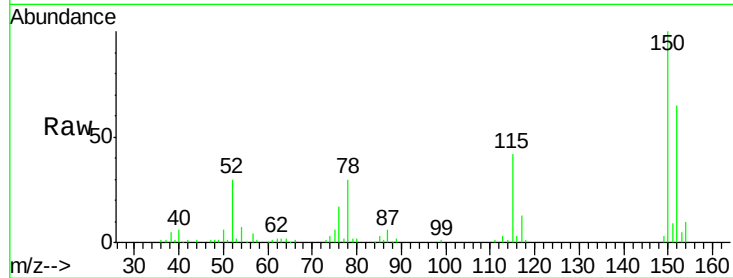
Tgt Ion:152 Resp: 43504

Ion Ratio Lower Upper

152 100

150 154.2 128.7 193.1

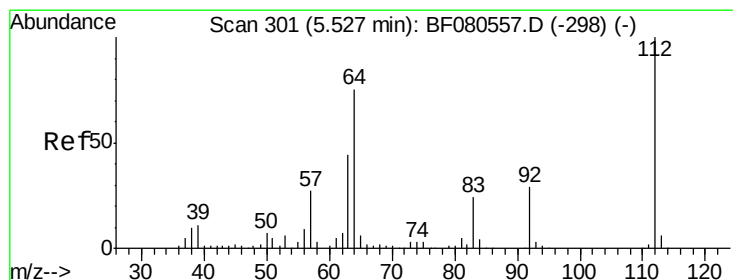
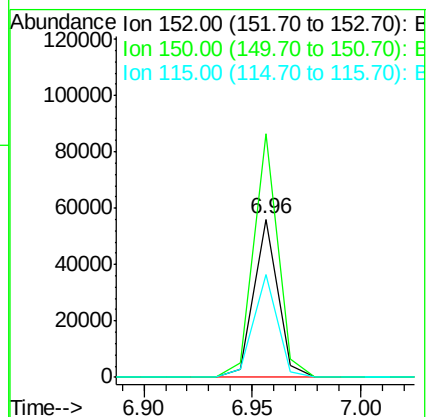
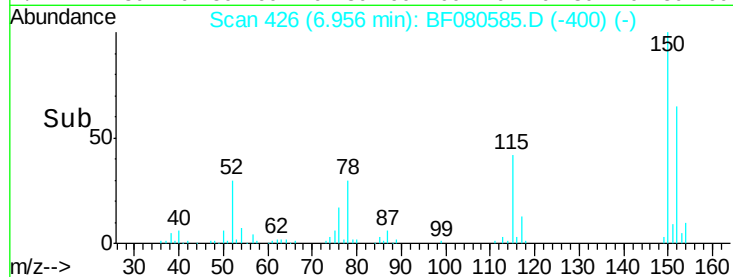
115 65.4 56.8 85.2



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: 41.85 ng

RT: 5.53 min Scan# 301

Delta R.T. 0.00 min

Lab File: BF080585.D

Acq: 23 Jul 2015 6:24

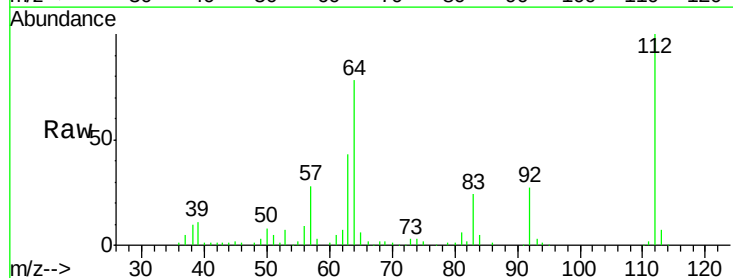
Tgt Ion:112 Resp: 102664

Ion Ratio Lower Upper

112 100

64 77.7 60.2 90.2

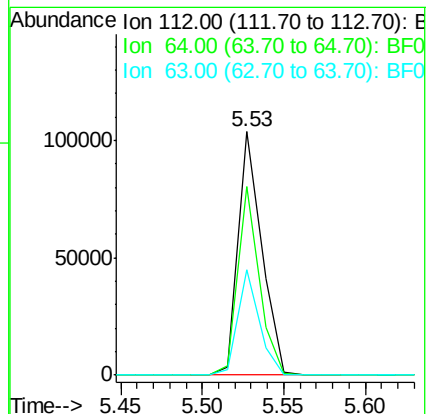
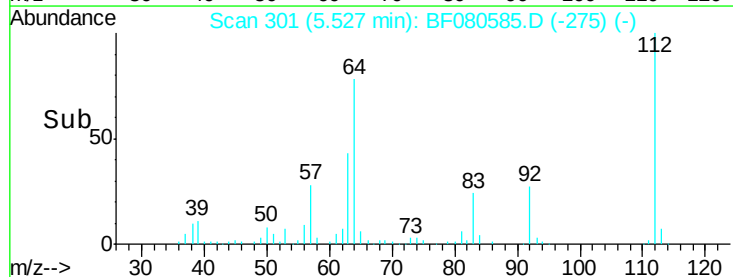
63 43.3 34.8 52.2

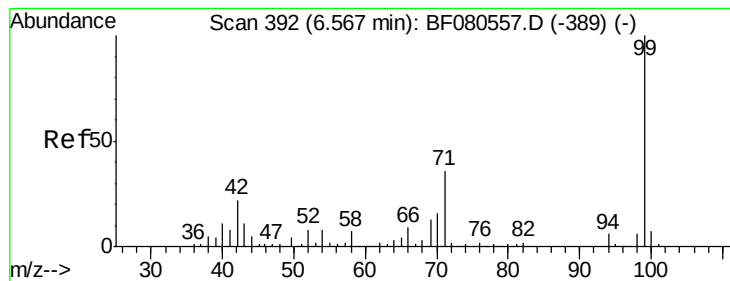


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 23.76 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF080585.D

Acq: 23 Jul 2015 6:24

Instrument :

BNA_F

ClientSampleId :

RINSATE-BLANK

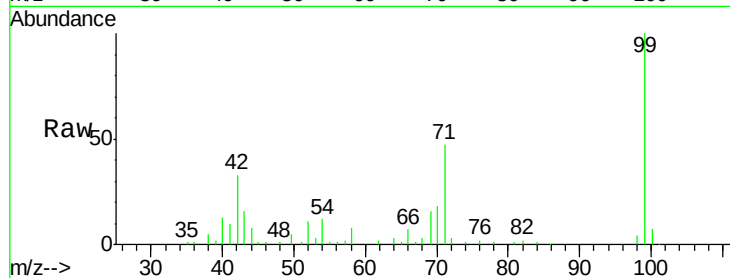
Tgt Ion: 99 Resp: 71772

Ion Ratio Lower Upper

99 100

42 32.9 17.4 26.2#

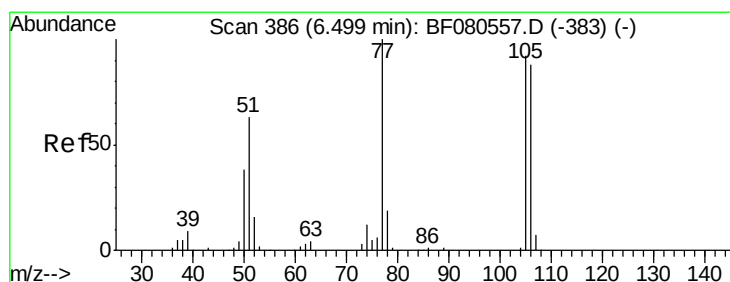
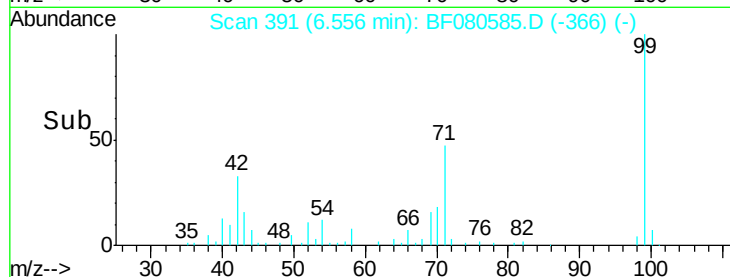
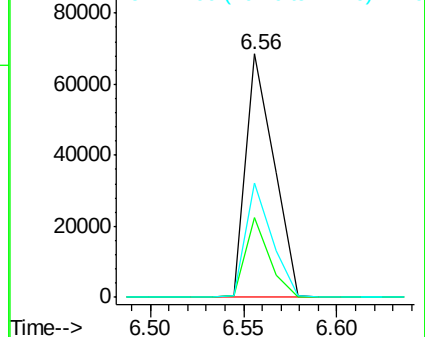
71 46.8 29.0 43.6#



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: 2.58 ng

RT: 6.72 min Scan# 405

Delta R.T. 0.22 min

Lab File: BF080585.D

Acq: 23 Jul 2015 6:24

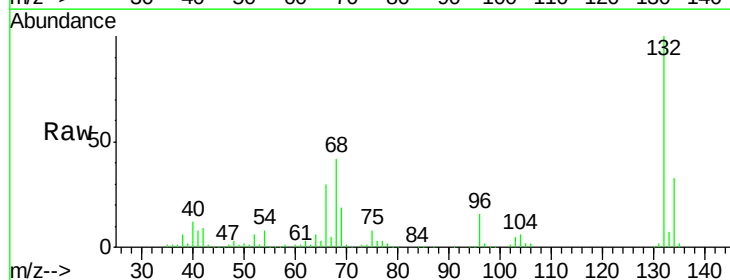
Tgt Ion: 77 Resp: 5856

Ion Ratio Lower Upper

77 100

105 82.5 72.3 112.3

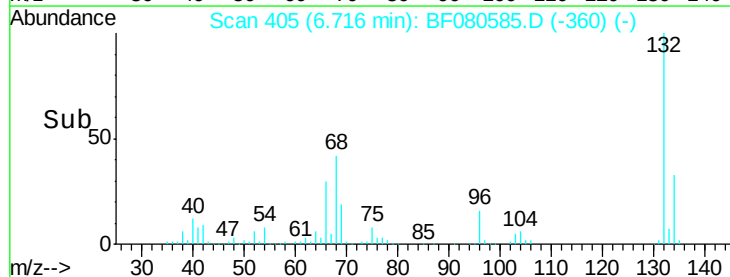
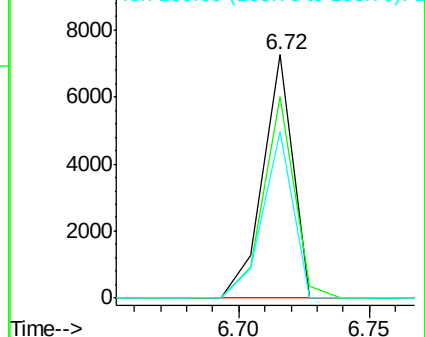
106 68.3 67.5 107.5

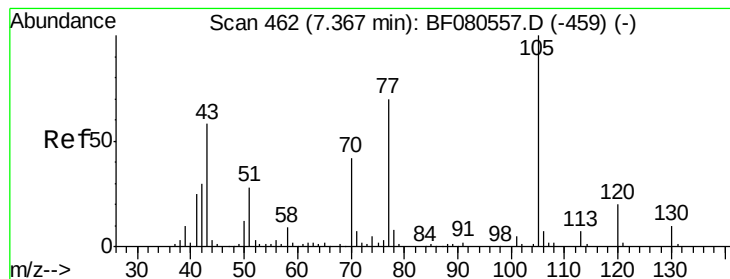


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 14.94 ng

RT: 7.52 min Scan# 475

Delta R.T. 0.15 min

Lab File: BF080585.D

Acq: 23 Jul 2015 6:24

Instrument :

BNA_F

ClientSampleId :

RINSATE-BLANK

Tgt Ion: 70 Resp: 28999

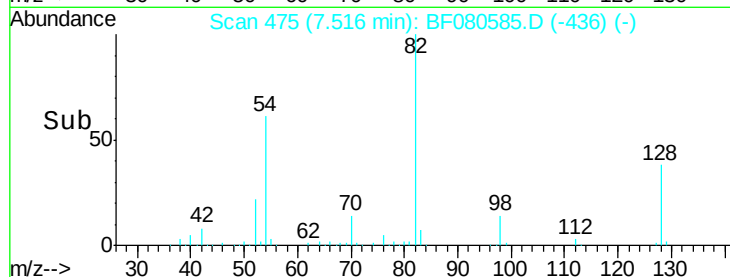
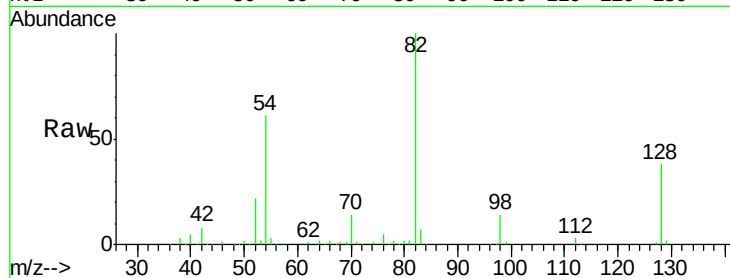
Ion Ratio Lower Upper

70 100

42 60.7 56.6 85.0

101 0.0 9.7 14.5#

130 0.0 19.1 28.7#

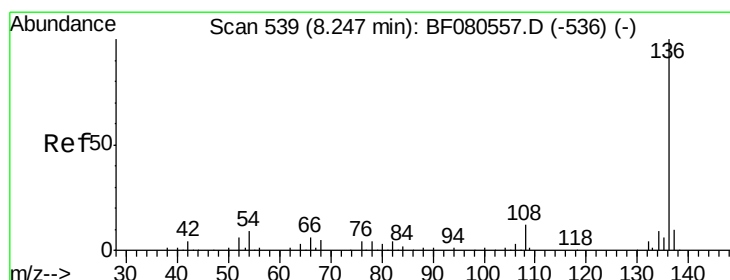
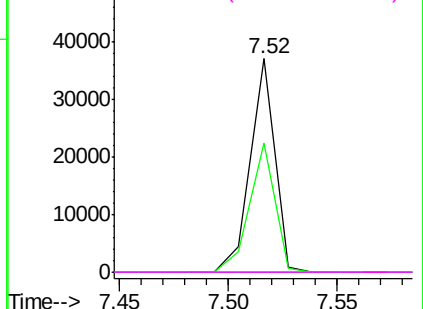


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF080585.D

Acq: 23 Jul 2015 6:24

Tgt Ion: 136 Resp: 160133

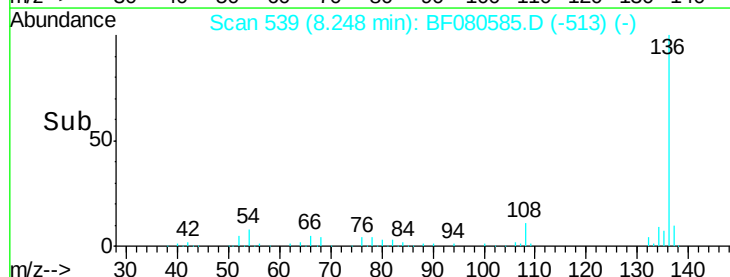
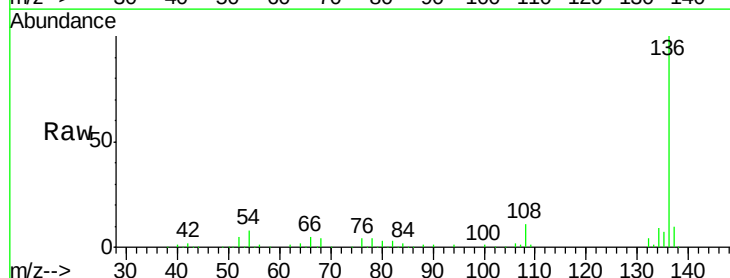
Ion Ratio Lower Upper

136 100

137 10.5 7.8 11.8

54 8.0 7.2 10.8

68 4.1 3.8 5.6

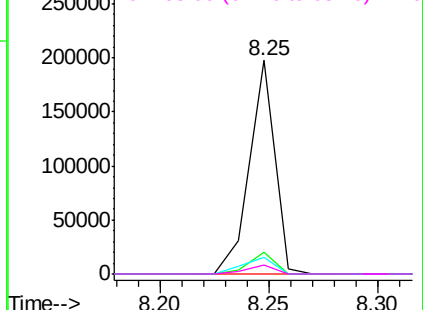


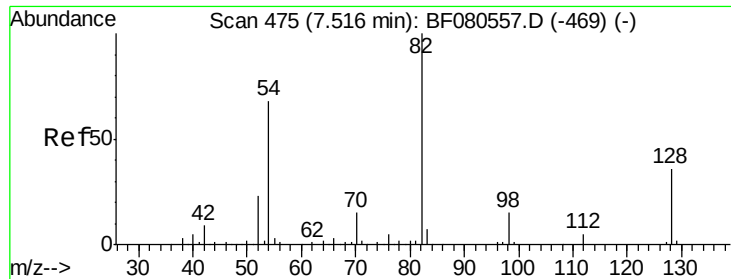
Abundance Ion 136.00 (135.70 to 136.70): E

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

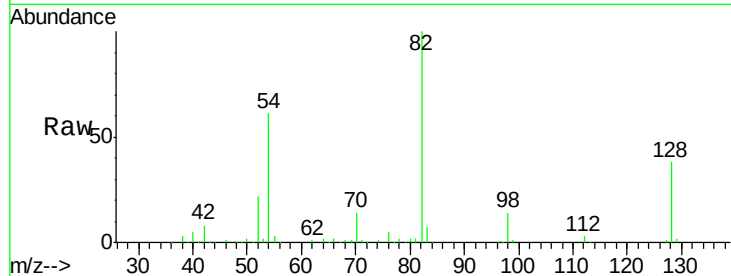




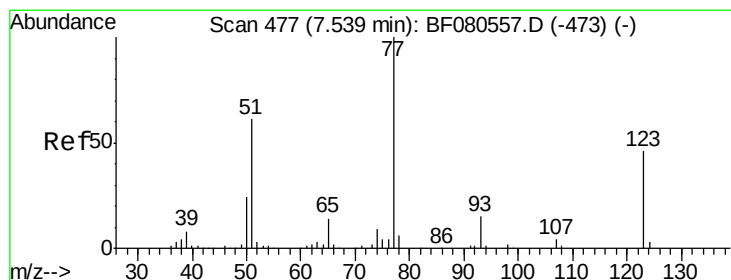
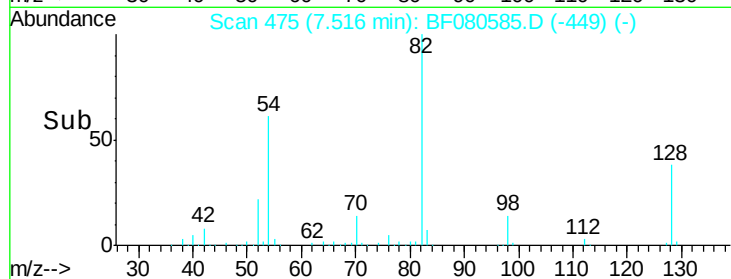
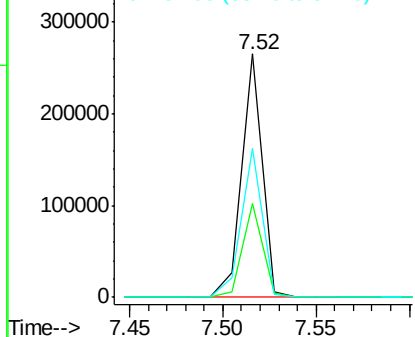
#23
 Nitrobenzene-d5
 Concen: 82.69 ng
 RT: 7.52 min Scan# 475
 Delta R.T. 0.00 min
 Lab File: BF080585.D
 Acq: 23 Jul 2015 6:24

Instrument :
 BNA_F
 ClientSampleId :
 RINSATE-BLANK

Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.3	28.9	43.3
54	61.4	54.5	81.7

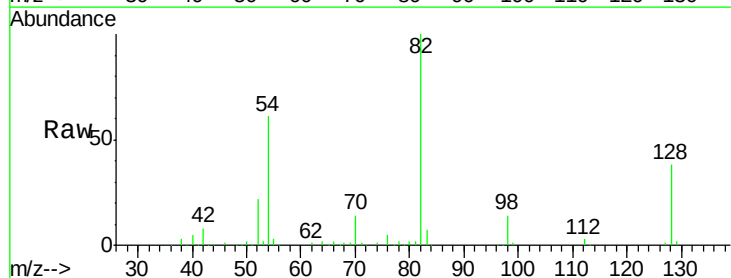


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

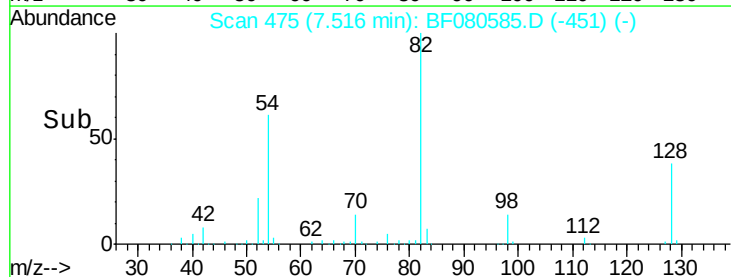
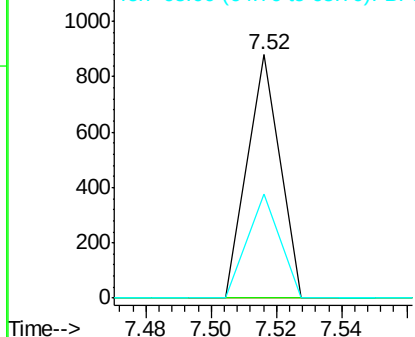


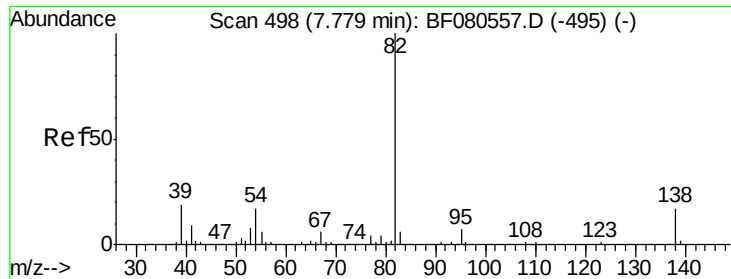
#24
 Nitrobenzene
 Concen: 4.51 ng
 RT: 7.52 min Scan# 475
 Delta R.T. -0.02 min
 Lab File: BF080585.D
 Acq: 23 Jul 2015 6:24

Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.1	55.7#
65	42.8	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: 35.57 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.26 min

Lab File: BF080585.D

Acq: 23 Jul 2015 6:24

Instrument :

BNA_F

ClientSampleId :

RINSATE-BLANK

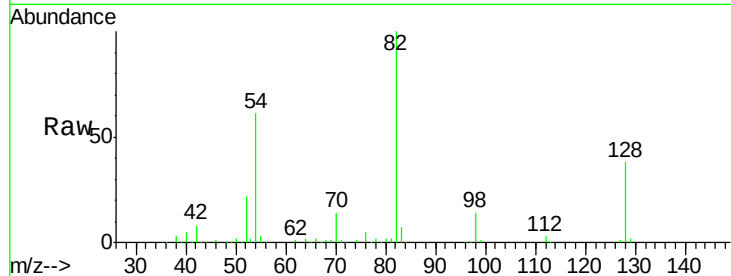
Tgt Ion: 82 Resp: 186795

Ion Ratio Lower Upper

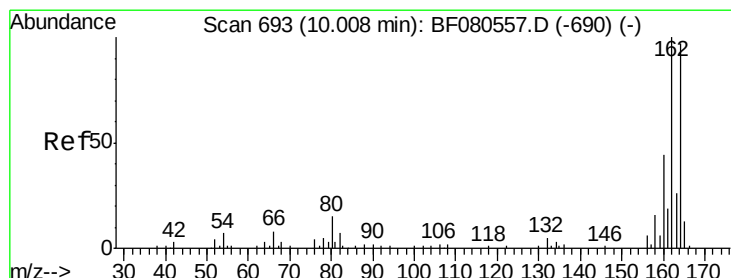
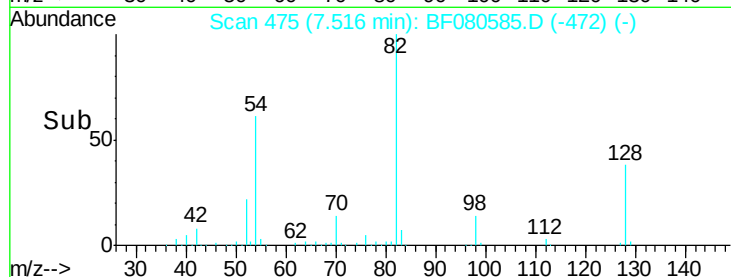
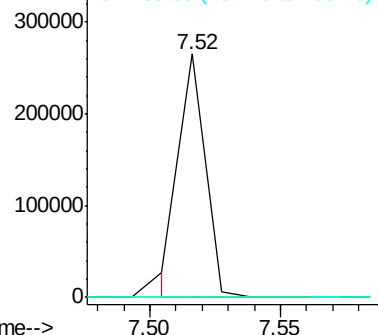
82 100

95 0.0 5.9 8.9#

138 0.0 13.4 20.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.01 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF080585.D

Acq: 23 Jul 2015 6:24

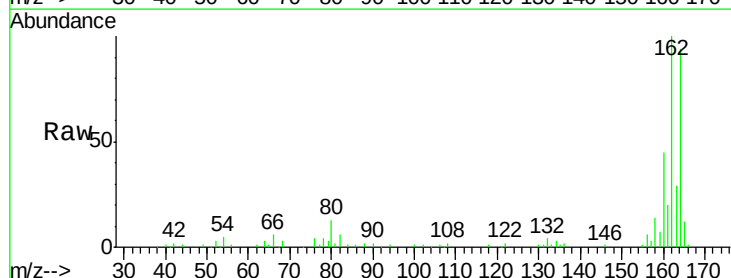
Tgt Ion: 164 Resp: 71171

Ion Ratio Lower Upper

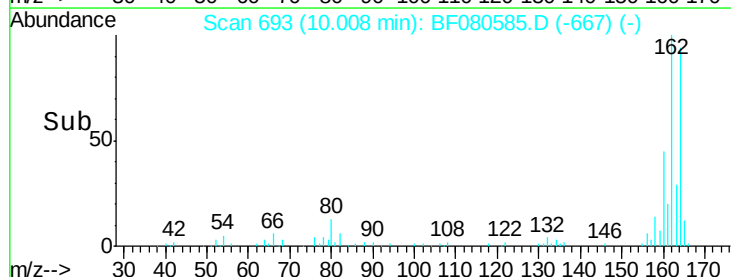
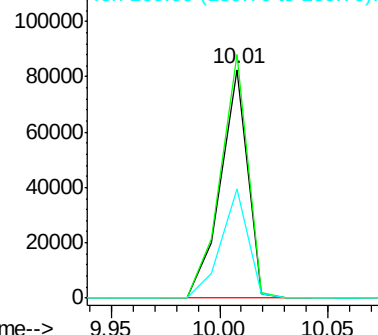
164 100

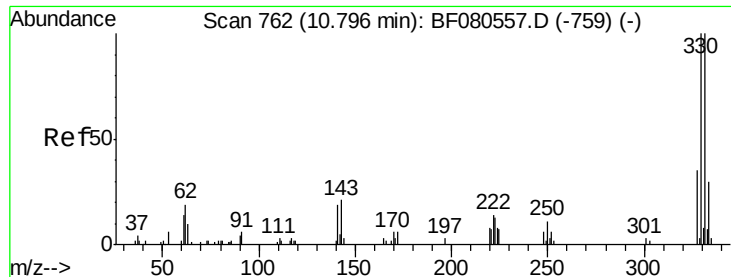
162 106.6 82.2 123.4

160 47.6 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

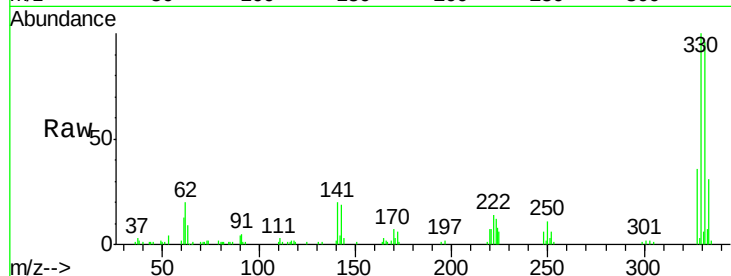




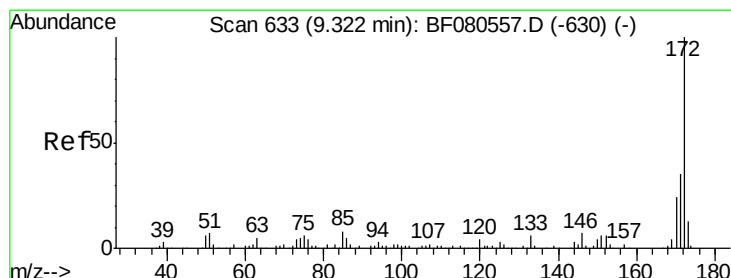
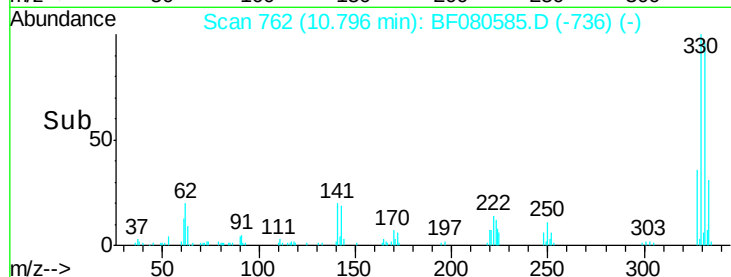
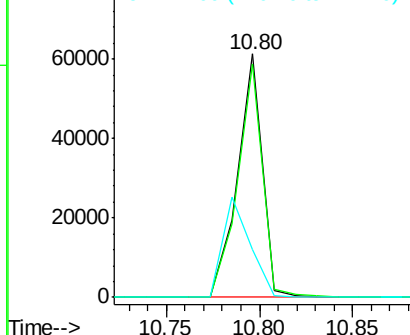
#41
 2,4,6-Tribromophenol
 Concen: 107.99 ng
 RT: 10.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF080585.D
 Acq: 23 Jul 2015 6:24

Instrument :
 BNA_F
 ClientSampleId :
 RINSATE-BLANK

Tgt Ion:330 Resp: 56760
 Ion Ratio Lower Upper
 330 100
 332 96.9 78.3 117.5
 141 45.6 37.9 56.9

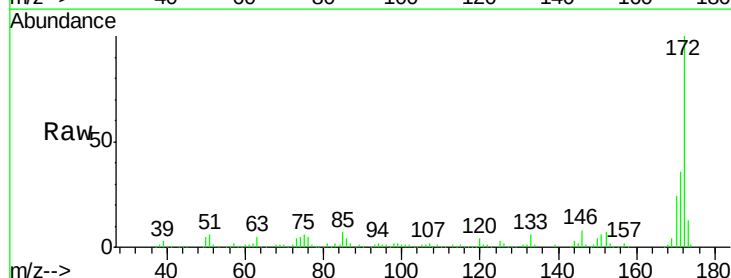


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

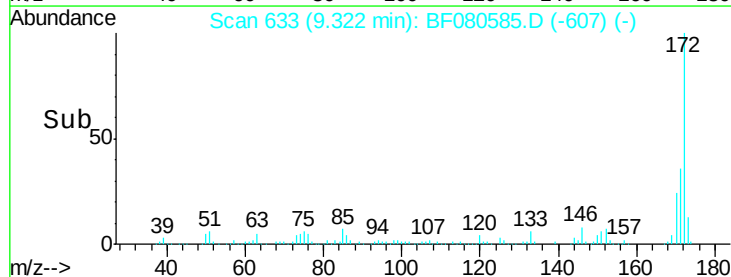
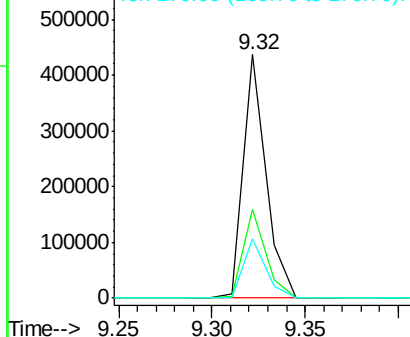


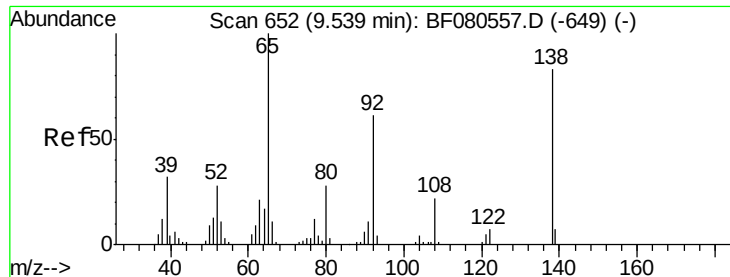
#44
 2-Fluorobiphenyl
 Concen: 74.83 ng
 RT: 9.32 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF080585.D
 Acq: 23 Jul 2015 6:24

Tgt Ion:172 Resp: 370366
 Ion Ratio Lower Upper
 172 100
 171 36.5 27.7 41.5
 170 24.5 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

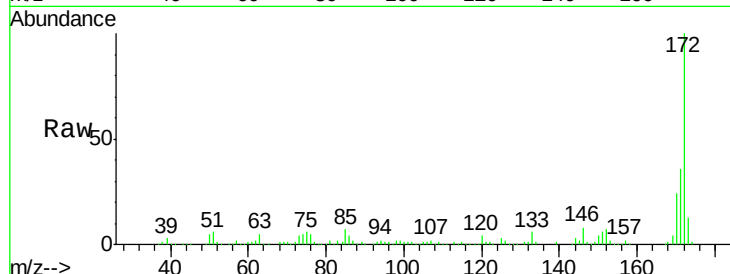




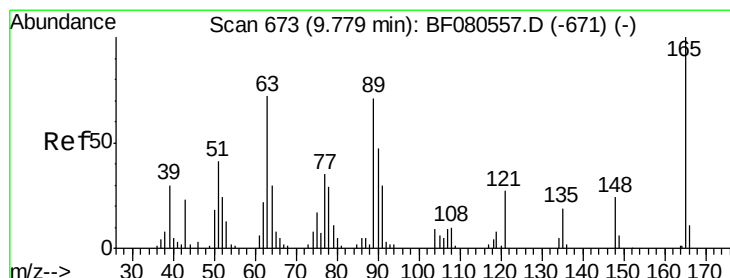
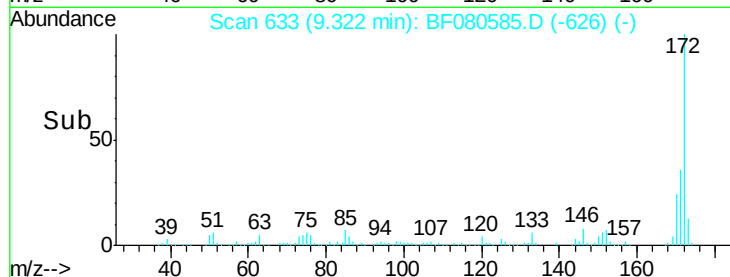
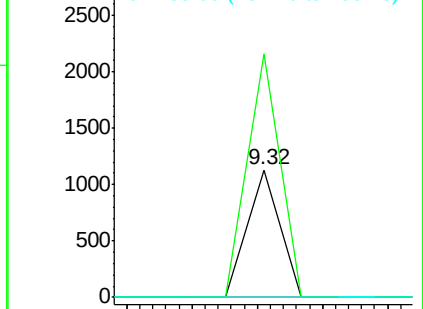
#47
 2-Nitroaniline
 Concen: 3.39 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.22 min
 Lab File: BF080585.D
 Acq: 23 Jul 2015 6:24

Instrument :
 BNA_F
 ClientSampleId :
 RINSATE-BLANK

Tgt Ion: 65 Resp: 774
 Ion Ratio Lower Upper
 65 100
 92 191.4 48.7 73.1#
 138 0.0 66.8 100.2#

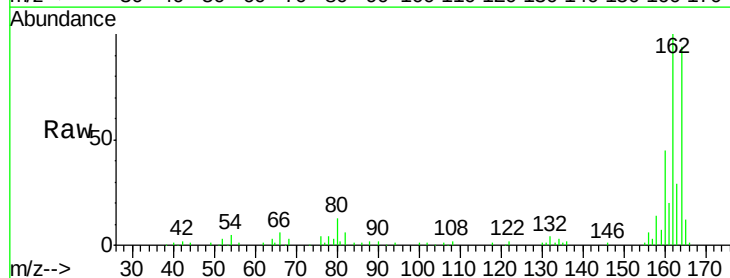


Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

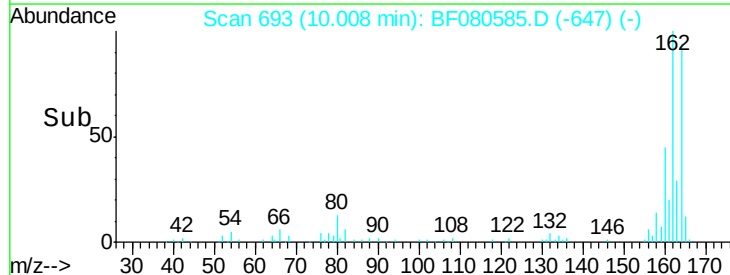
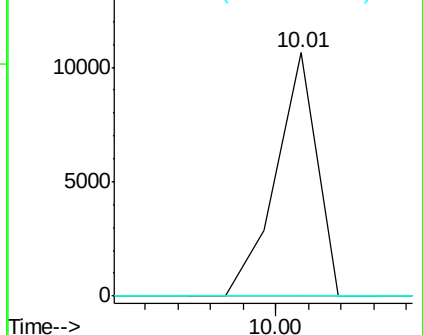


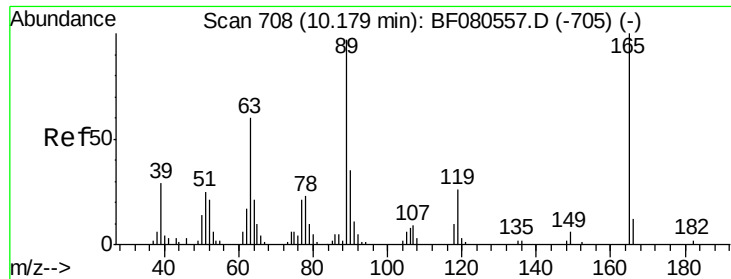
#50
 2,6-Dinitrotoluene
 Concen: 13.98 ng
 RT: 10.01 min Scan# 693
 Delta R.T. 0.23 min
 Lab File: BF080585.D
 Acq: 23 Jul 2015 6:24

Tgt Ion: 165 Resp: 9266
 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: 16.51 ng

RT: 10.01 min Scan# 693

Delta R.T. -0.17 min

Lab File: BF080585.D

Acq: 23 Jul 2015 6:24

Instrument :

BNA_F

ClientSampleId :

RINSATE-BLANK

Tgt Ion:165 Resp: 9267

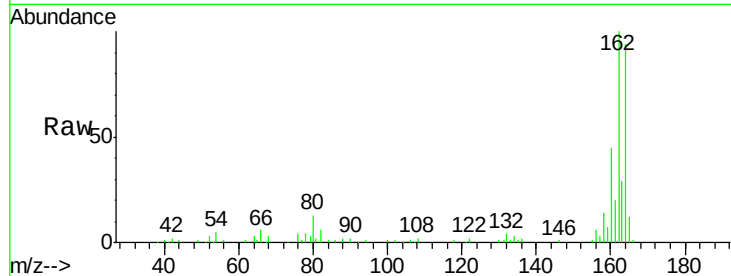
Ion Ratio Lower Upper

165 100

63 0.0 48.1 72.1#

89 0.0 77.4 116.0#

182 0.0 1.3 1.9#

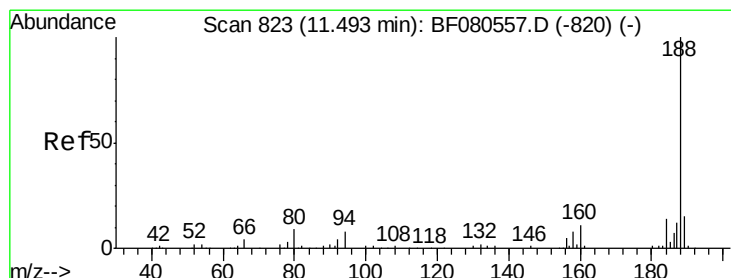
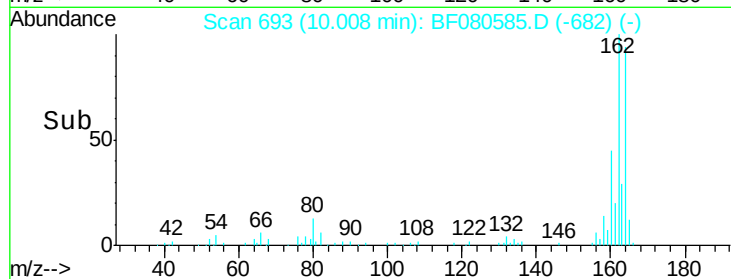
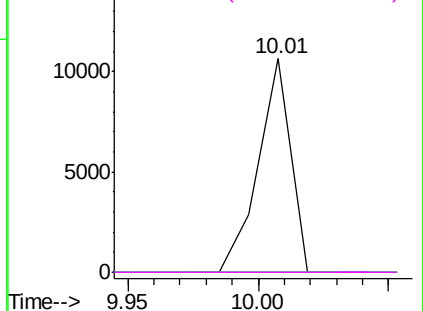


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF080585.D

Acq: 23 Jul 2015 6:24

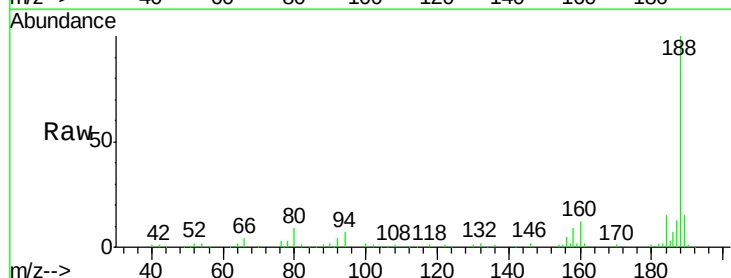
Tgt Ion:188 Resp: 120674

Ion Ratio Lower Upper

188 100

94 7.4 6.1 9.1

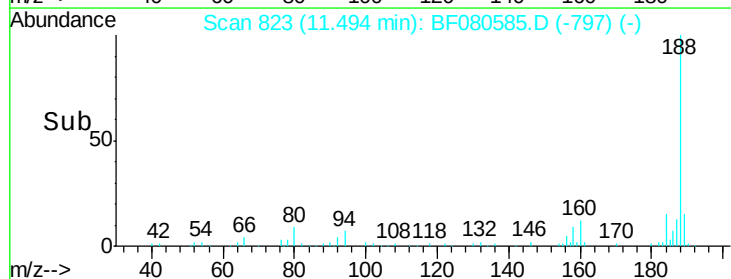
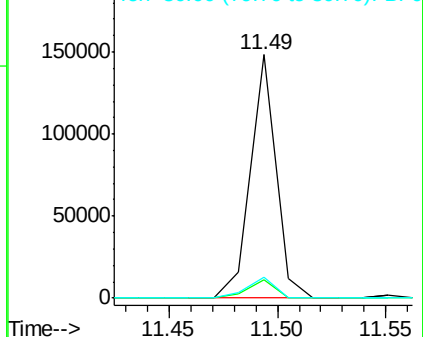
80 8.8 7.0 10.6

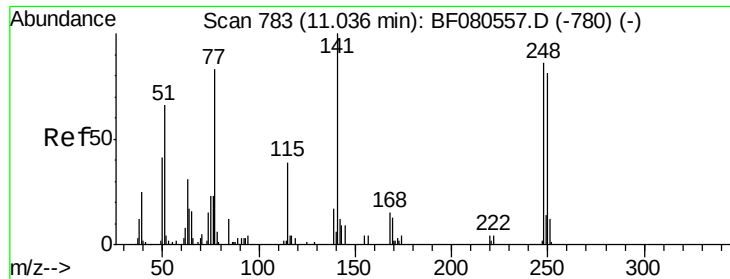


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

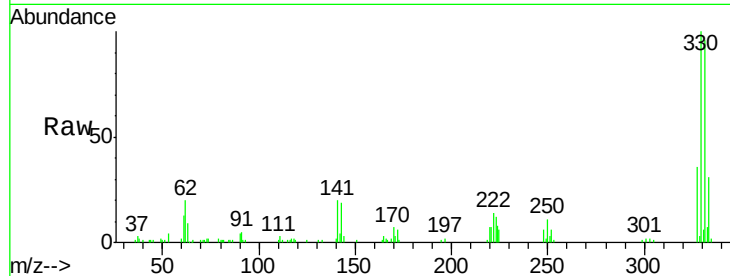




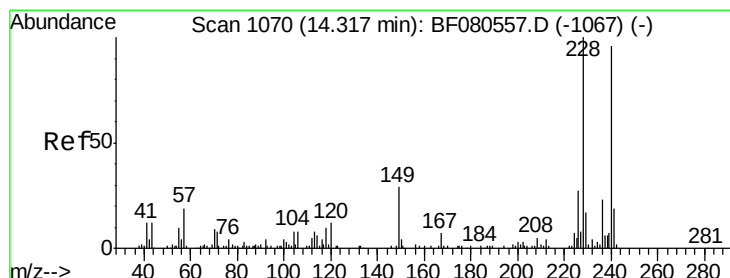
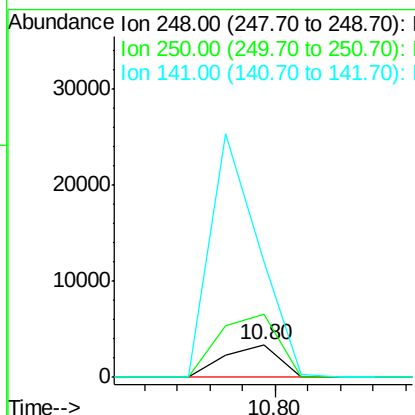
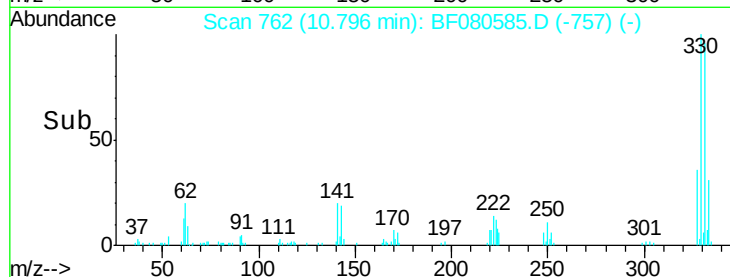
#66
 4-Bromophenyl-phenylether
 Concen: 3.34 ng
 RT: 10.80 min Scan# 762
 Delta R.T. -0.24 min
 Lab File: BF080585.D
 Acq: 23 Jul 2015 6:24

Instrument :
 BNA_F
 ClientSampleId :
 RINSATE-BLANK

Tgt Ion:248 Resp: 3877
 Ion Ratio Lower Upper
 248 100
 250 196.6 75.4 113.2#
 141 356.3 93.4 140.0#

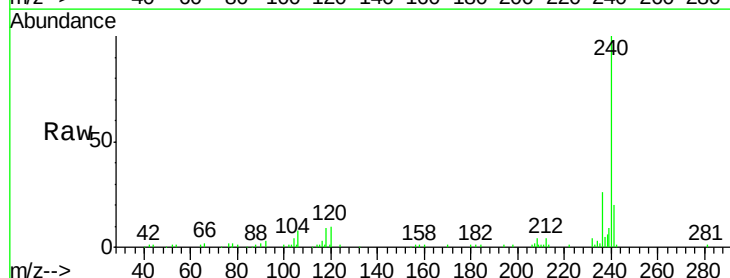


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

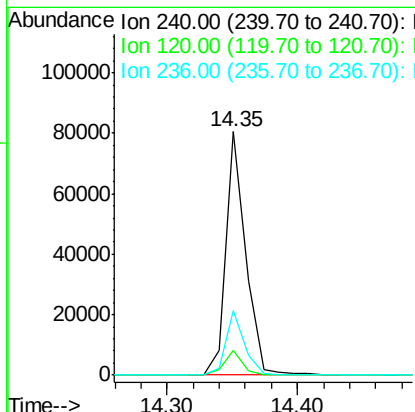
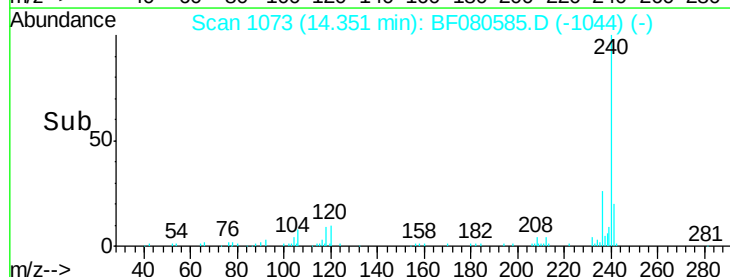


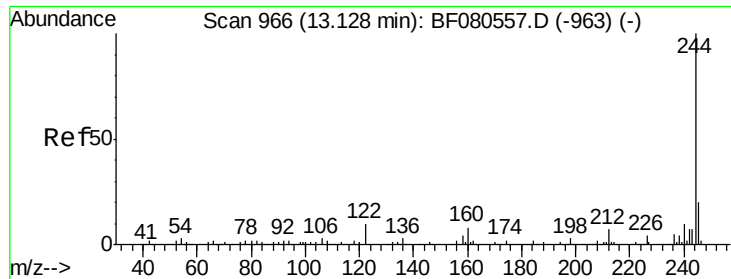
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.35 min Scan# 1073
 Delta R.T. 0.03 min
 Lab File: BF080585.D
 Acq: 23 Jul 2015 6:24

Tgt Ion:240 Resp: 84602
 Ion Ratio Lower Upper
 240 100
 120 10.2 9.9 14.9
 236 26.3 19.1 28.7



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

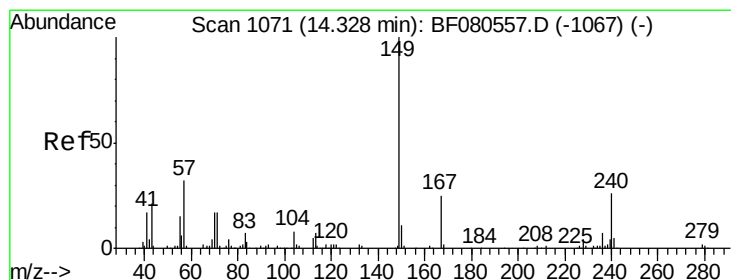
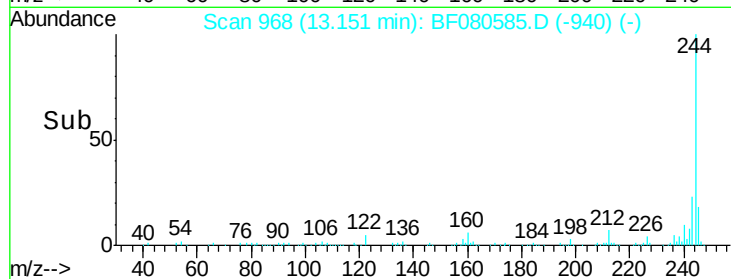
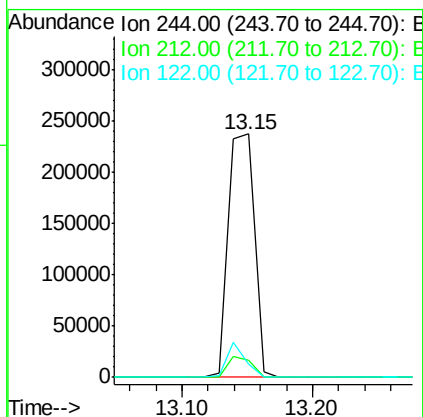
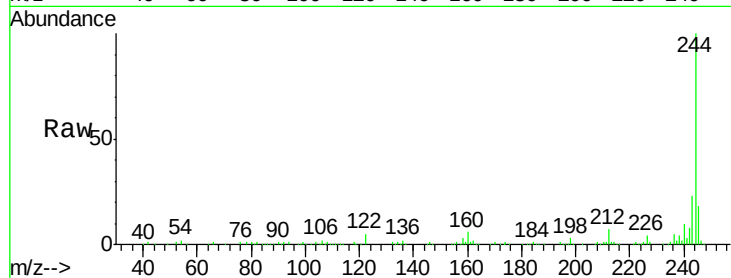




#78
 Terphenyl-d14
 Concen: 80.15 ng
 RT: 13.15 min Scan# 968
 Delta R.T. 0.02 min
 Lab File: BF080585.D
 Acq: 23 Jul 2015 6:24

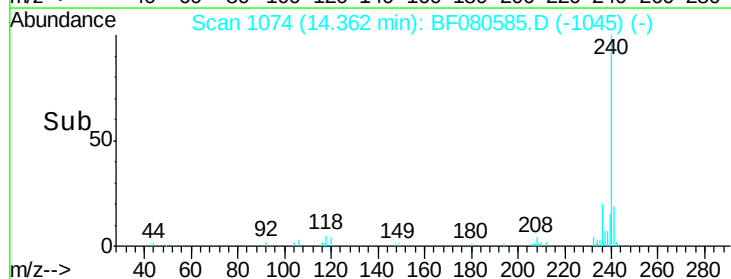
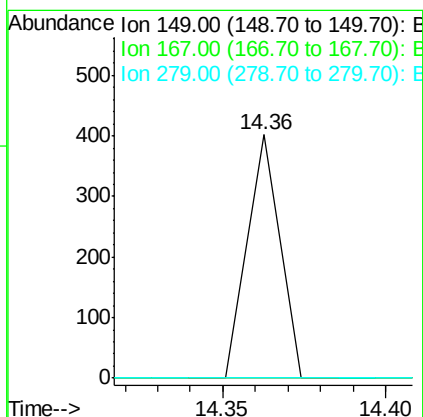
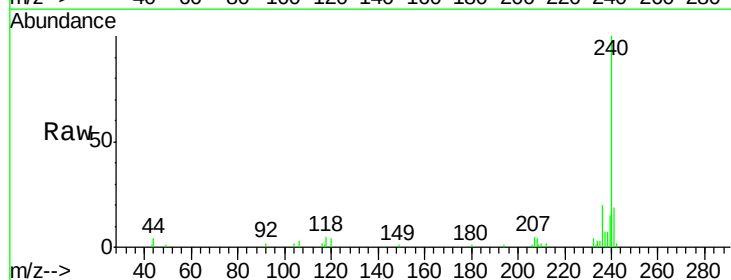
Instrument :
 BNA_F
 ClientSampleId :
 RINSATE-BLANK

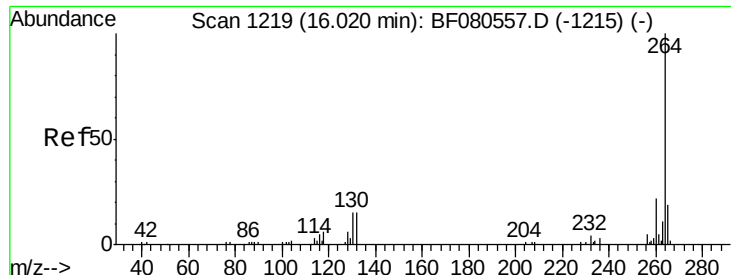
Tgt Ion: 244 Resp: 330684
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 5.5 8.2 12.2#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.16 ng
 RT: 14.36 min Scan# 1074
 Delta R.T. 0.04 min
 Lab File: BF080585.D
 Acq: 23 Jul 2015 6:24

Tgt Ion: 149 Resp: 276
 Ion Ratio Lower Upper
 149 100
 167 0.0 20.2 30.2#
 279 0.0 2.0 3.0#

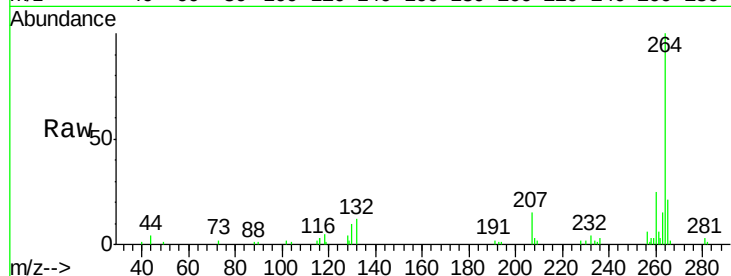




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.09 min Scan# 1225
Delta R.T. 0.07 min
Lab File: BF080585.D
Acq: 23 Jul 2015 6:24

Instrument :
BNA_F
ClientSampleId :
RINSATE-BLANK

Tgt Ion: 264 Resp: 53830
Ion Ratio Lower Upper
264 100
260 24.9 17.8 26.8
265 20.9 15.6 23.4



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

