

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
 Data File : BF087065.D
 Acq On : 15 May 2016 13:03
 Operator : UM/SJ
 Sample : H3053-02
 Misc :
 ALS Vial : 84 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-14

Quant Time: May 16 04:57:04 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 13 14:55:23 2016
 Response via : Initial Calibration

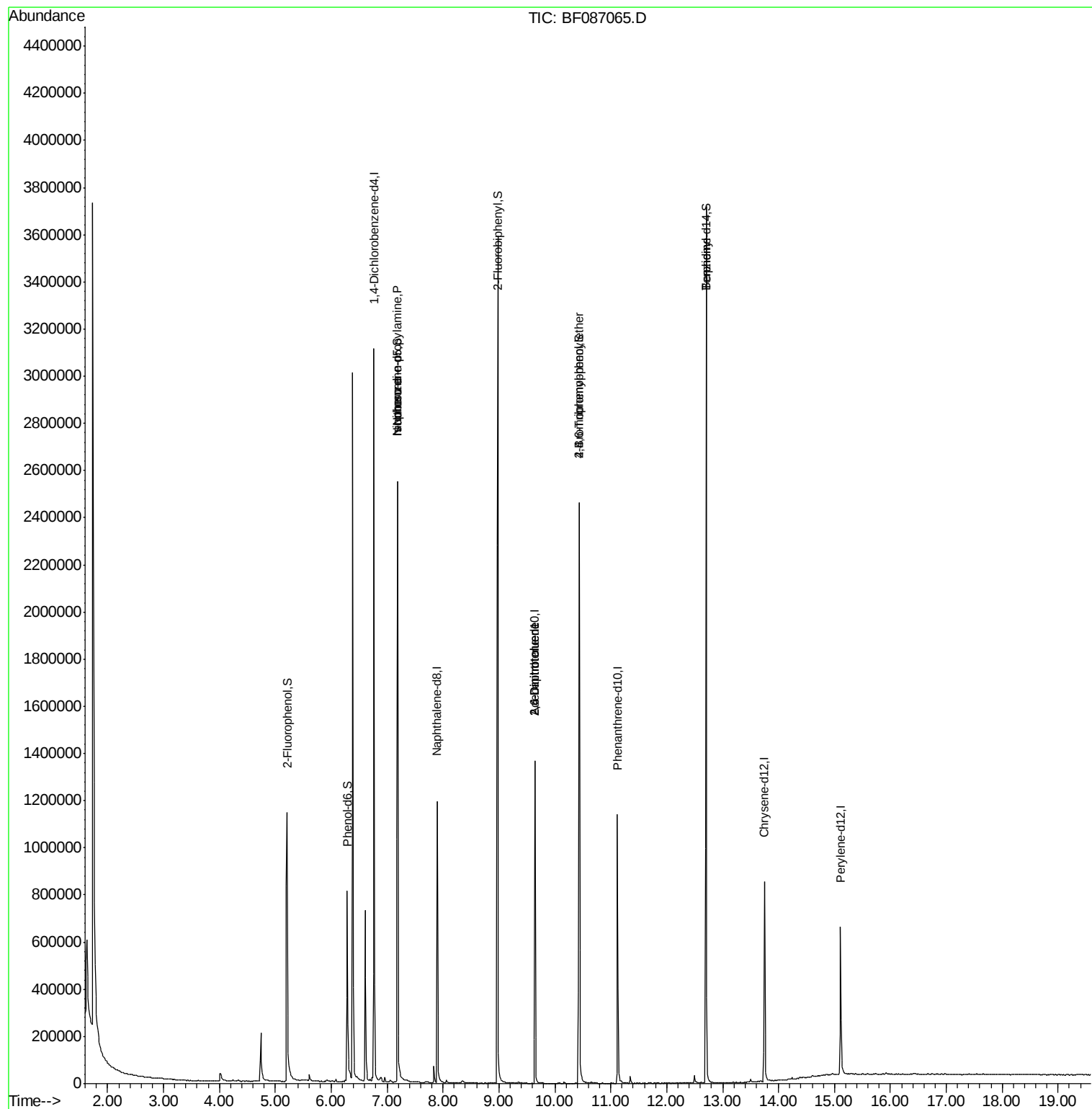
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	391065	20.00	ng	0.07
21) Naphthalene-d8	7.90	136	524416	20.00	ng	-0.09
38) Acenaphthene-d10	9.64	164	252142	20.00	ng	-0.09
63) Phenanthrene-d10	11.12	188	445869	20.00	ng	-0.09
75) Chrysene-d12	13.75	240	307266	20.00	ng	-0.09
86) Perylene-d12	15.11	264	287332	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	445113	19.28	ng	-0.08
7) Phenol-d6	6.28	99	366880	11.89	ng	-0.08
23) Nitrobenzene-d5	7.19	82	864801	82.80	ng	-0.08
41) 2,4,6-Tribromophenol	10.43	330	264371	99.04	ng	-0.09
44) 2-Fluorobiphenyl	8.98	172	1378976	91.92	ng	-0.08
78) Terphenyl-d14	12.71	244	1074698	74.21	ng	-0.09
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.19	70	123198	5.71	ng	# 74
25) Isophorone	7.19	82	850516	43.89	ng	# 68
50) 2,6-Dinitrotoluene	9.64	165	31594	7.80	ng	# 21
56) 2,4-Dinitrotoluene	9.64	165	31595	6.31	ng	# 16
66) 4-Bromophenyl-phenylether	10.43	248	15788	3.49	ng	# 1
76) Benzidine	12.71	184	17956	2.29	ng	97

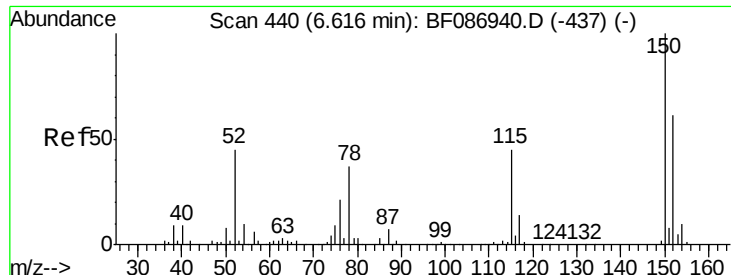
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087065.D
Acq On : 15 May 2016 13:03
Operator : UM/SJ
Sample : H3053-02
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-14

Quant Time: May 16 04:57:04 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 13 14:55:23 2016
Response via : Initial Calibration

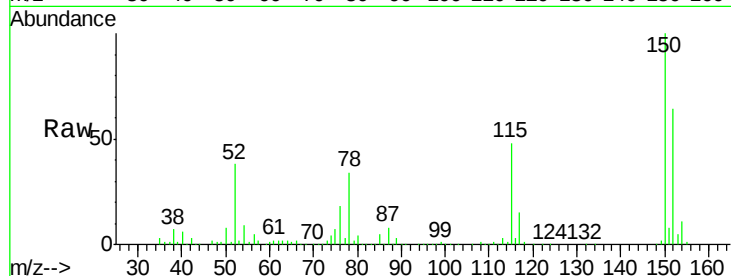




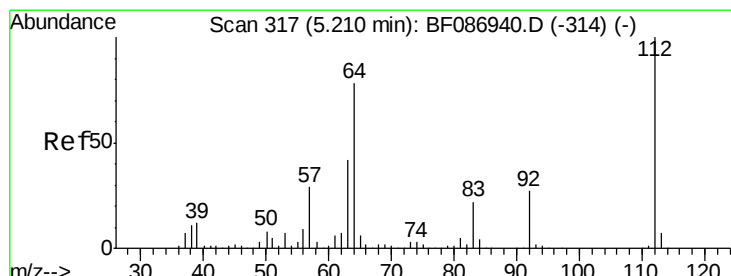
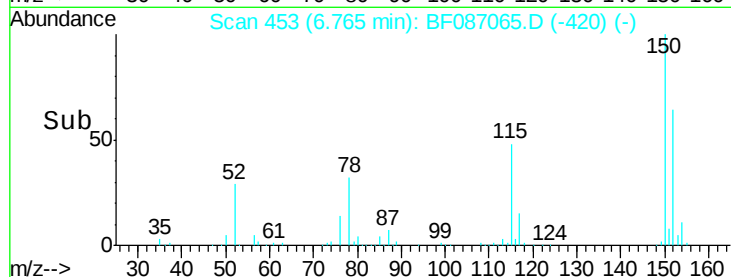
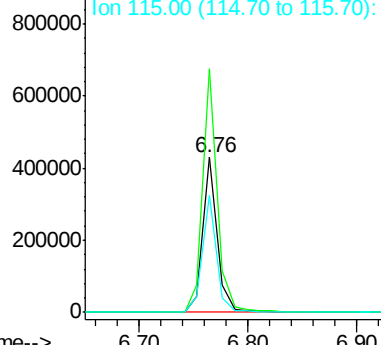
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.76 min Scan# 453
 Delta R.T. 0.07 min
 Lab File: BF087065.D
 Acq: 15 May 2016 13:03

Instrument :
 BNA_F
 ClientSampled :
 W-14

Tgt Ion:152 Resp: 391065
 Ion Ratio Lower Upper
 152 100
 150 157.2 125.8 188.6
 115 75.8 51.5 77.3

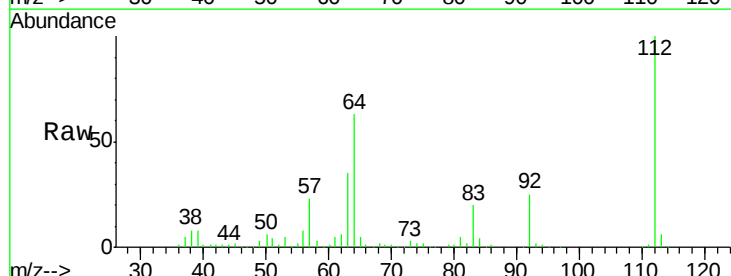


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

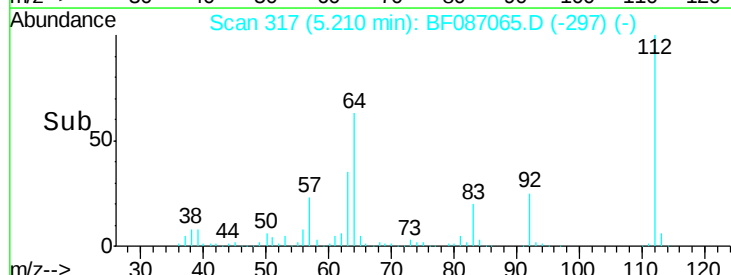
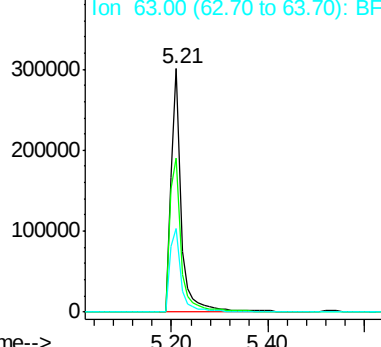


#5
 2-Fluorophenol
 Concen: 19.28 ng
 RT: 5.21 min Scan# 317
 Delta R.T. -0.08 min
 Lab File: BF087065.D
 Acq: 15 May 2016 13:03

Tgt Ion:112 Resp: 445113
 Ion Ratio Lower Upper
 112 100
 64 63.5 52.1 78.1
 63 34.6 25.7 38.5



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: 11.89 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.08 min

Lab File: BF087065.D

Acq: 15 May 2016 13:03

Instrument :

BNA_F

ClientSampleId :

W-14

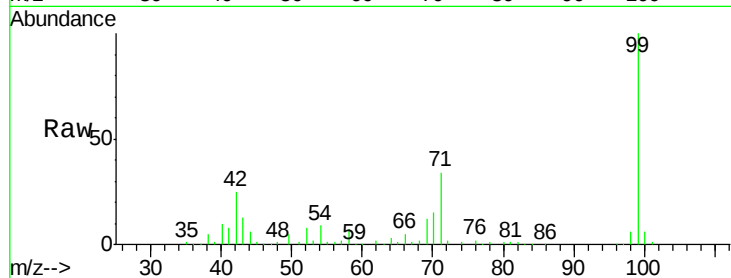
Tgt Ion: 99 Resp: 366880

Ion Ratio Lower Upper

99 100

42 24.9 13.6 20.4#

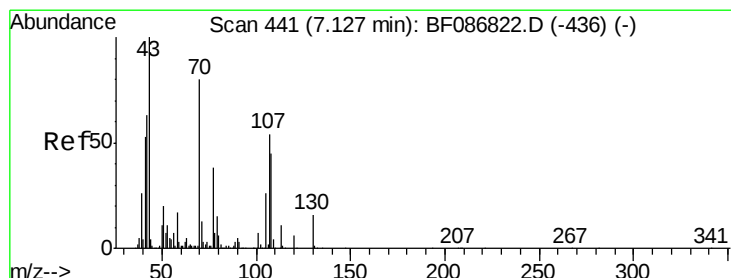
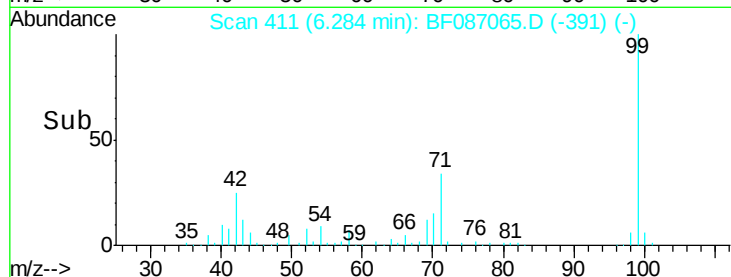
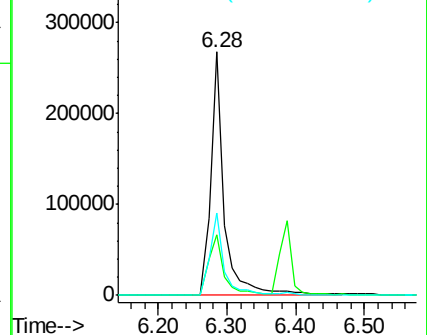
71 34.0 24.6 36.8



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



#19

n-Nitroso-di-n-propylamine

Concen: 5.71 ng

RT: 7.19 min Scan# 490

Delta R.T. 0.06 min

Lab File: BF087065.D

Acq: 15 May 2016 13:03

Tgt Ion: 70 Resp: 123198

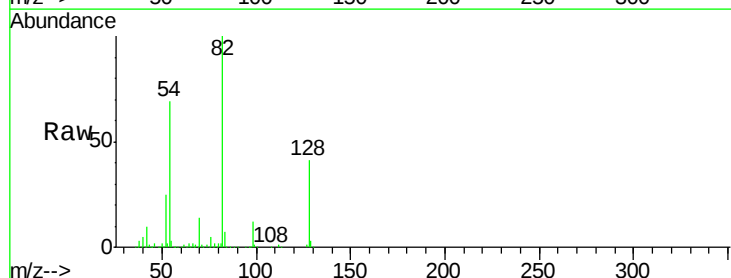
Ion Ratio Lower Upper

70 100

42 67.0 43.1 64.7#

101 0.0 8.1 12.1#

130 1.9 18.6 28.0#

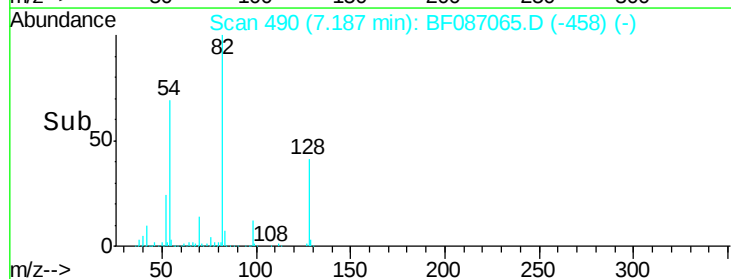
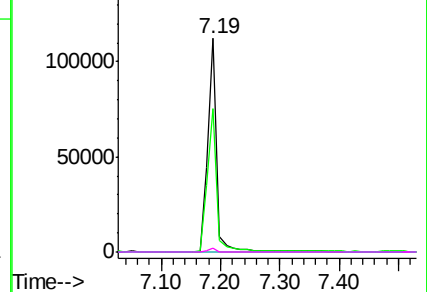


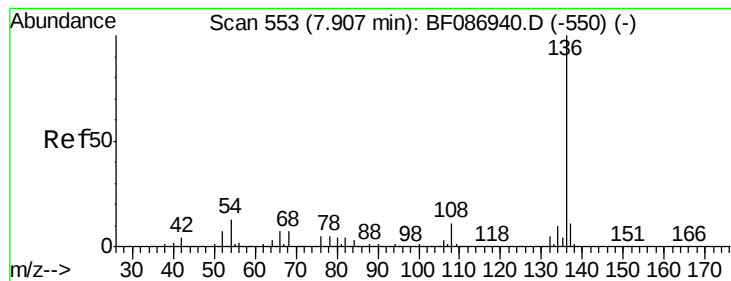
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.09 min

Lab File: BF087065.D

Acq: 15 May 2016 13:03

Instrument :

BNA_F

ClientSampleId :

W-14

Tgt Ion: 136 Resp: 524416

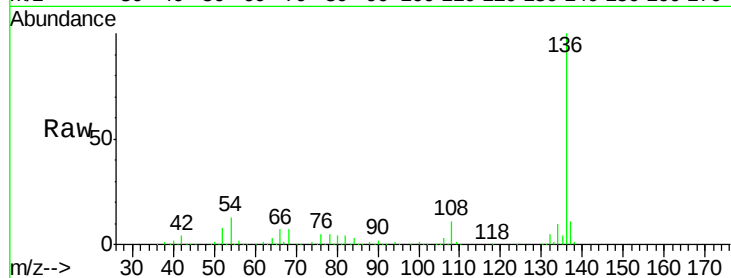
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 13.0 5.0 7.4#

68 6.6 4.4 6.6

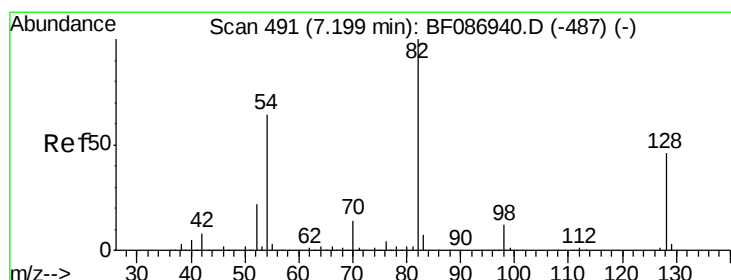
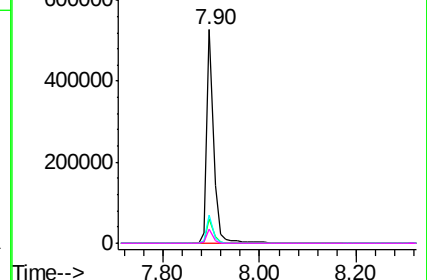
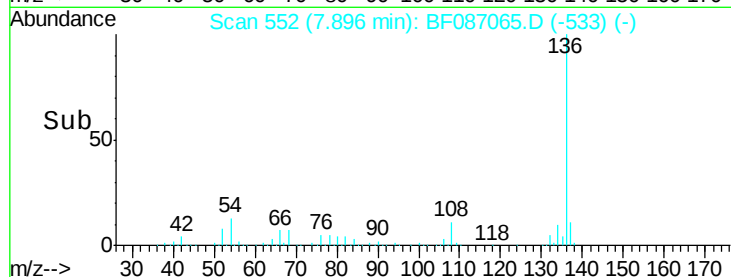


Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.80 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.08 min

Lab File: BF087065.D

Acq: 15 May 2016 13:03

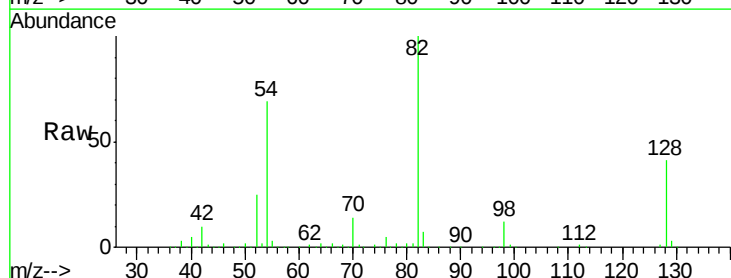
Tgt Ion: 82 Resp: 864801

Ion Ratio Lower Upper

82 100

128 40.6 40.6 61.0

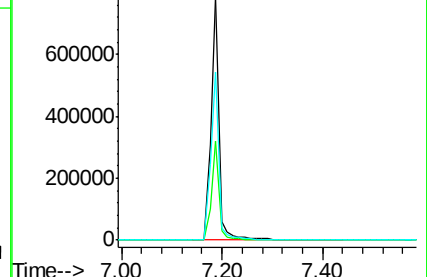
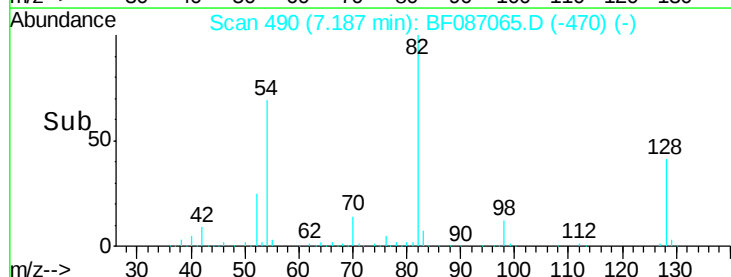
54 69.2 38.1 57.1#

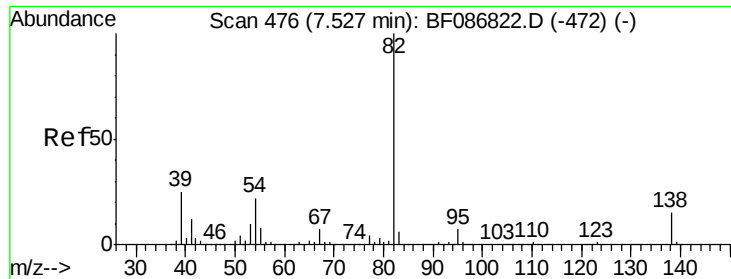


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

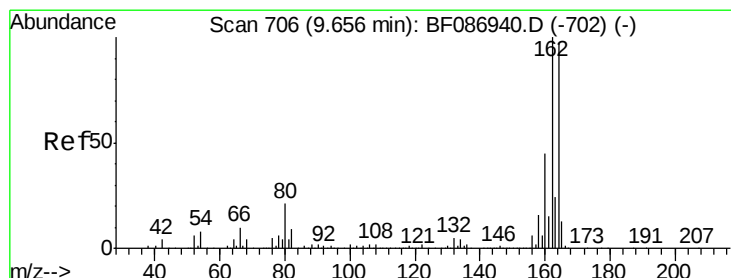
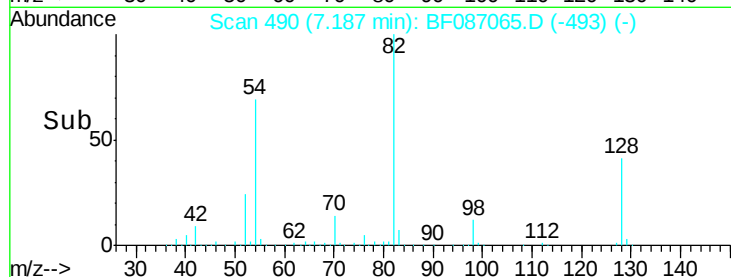
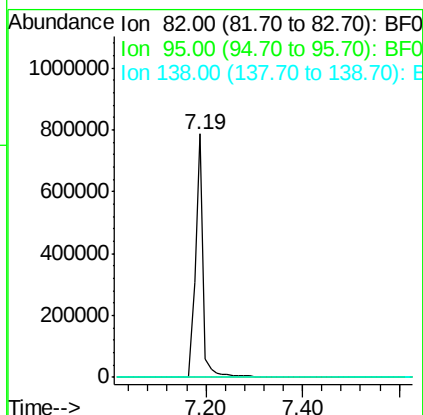
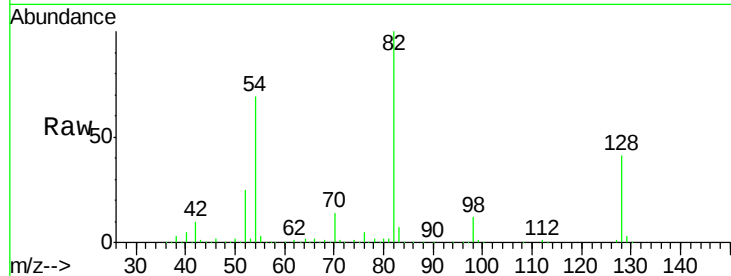




#25
Isophorone
Concen: 43.89 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.34 min
Lab File: BF087065.D
Acq: 15 May 2016 13:03

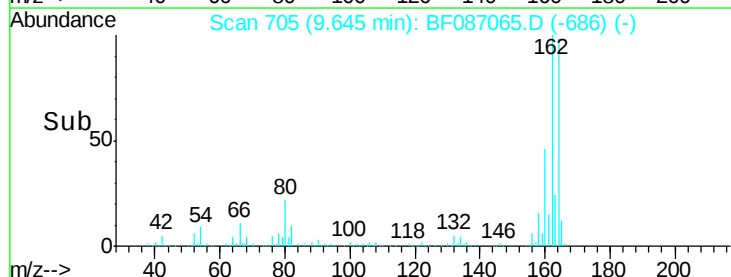
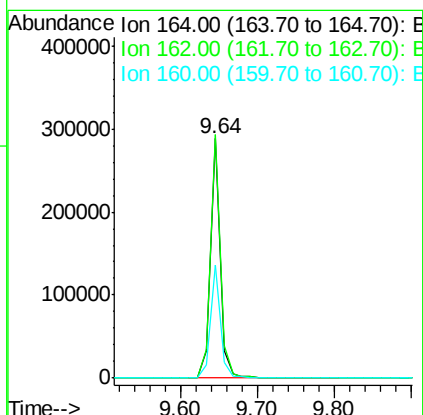
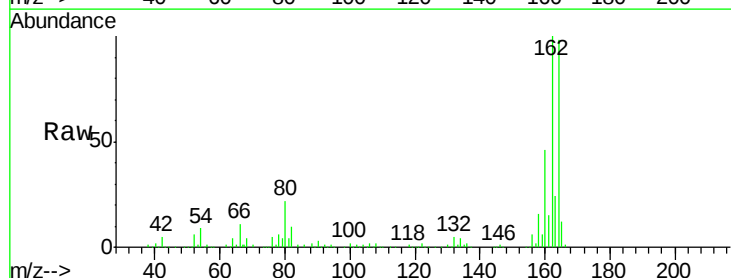
Instrument :
BNA_F
ClientSampleId :
W-14

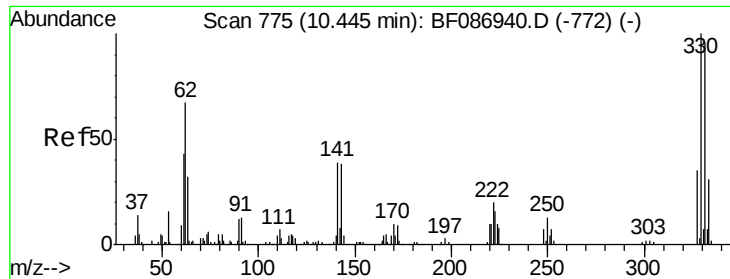
Tgt Ion: 82 Resp: 850516
Ion Ratio Lower Upper
82 100
95 0.0 5.1 7.7#
138 0.0 12.4 18.6#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.09 min
Lab File: BF087065.D
Acq: 15 May 2016 13:03

Tgt Ion: 164 Resp: 252142
Ion Ratio Lower Upper
164 100
162 101.7 82.8 124.2
160 47.0 36.9 55.3

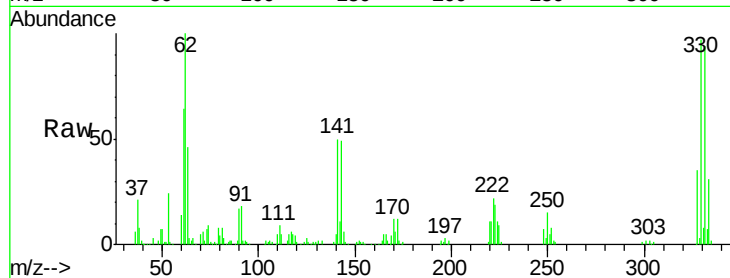




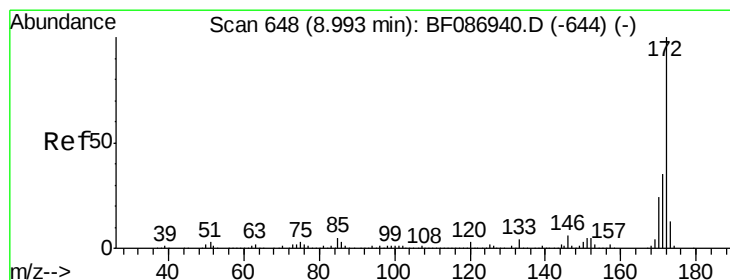
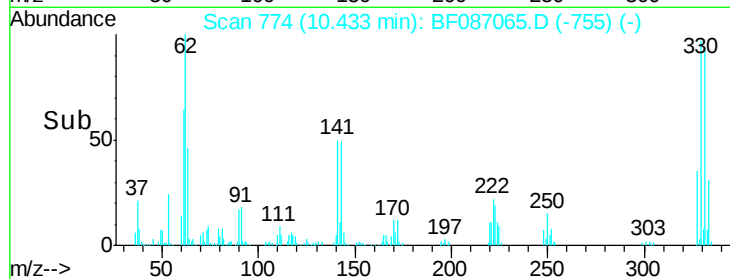
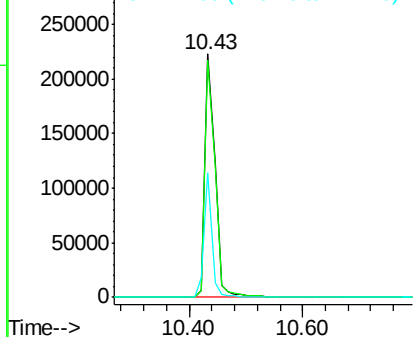
#41
 2,4,6-Tribromophenol
 Concen: 99.04 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.09 min
 Lab File: BF087065.D
 Acq: 15 May 2016 13:03

Instrument :
 BNA_F
 ClientSampleId :
 W-14

Tgt Ion:330 Resp: 264371
 Ion Ratio Lower Upper
 330 100
 332 97.3 79.0 118.4
 141 40.3 31.2 46.8

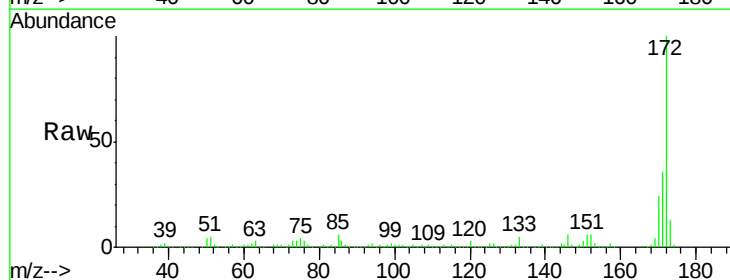


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

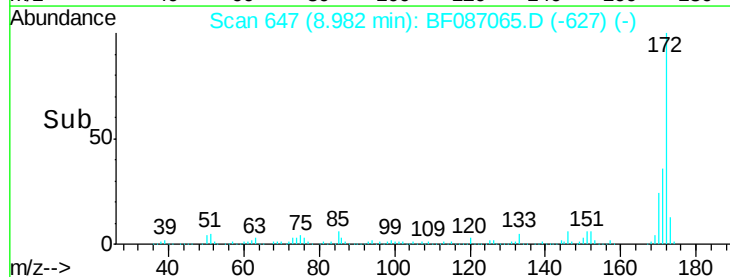
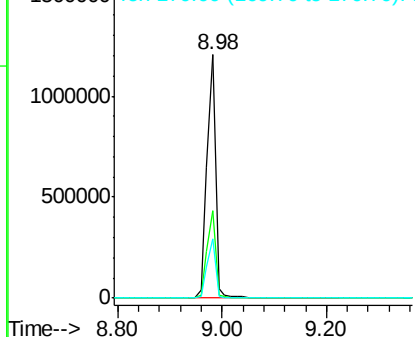


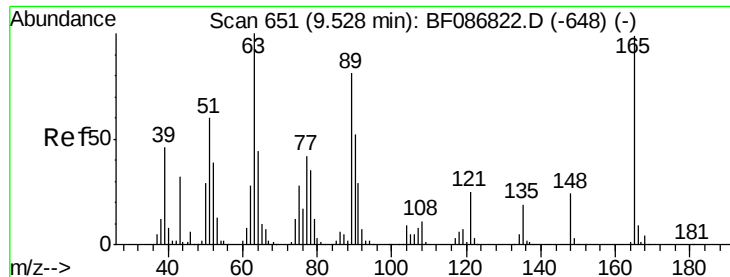
#44
 2-Fluorobiphenyl
 Concen: 91.92 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.08 min
 Lab File: BF087065.D
 Acq: 15 May 2016 13:03

Tgt Ion:172 Resp: 1378976
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.0 43.6
 170 24.4 19.8 29.8



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





#50

2,6-Dinitrotoluene

Concen: 7.80 ng

RT: 9.64 min Scan# 705

Delta R.T. 0.12 min

Lab File: BF087065.D

Acq: 15 May 2016 13:03

Instrument :

BNA_F

ClientSampleId :

W-14

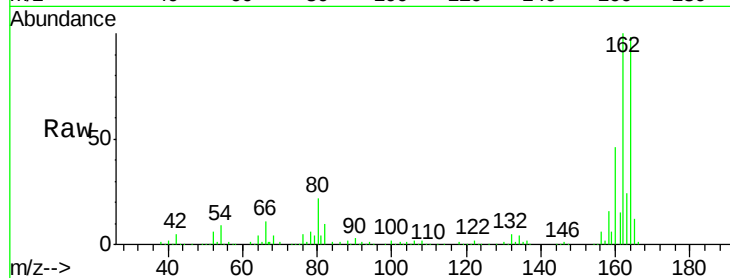
Tgt Ion:165 Resp: 31594

Ion Ratio Lower Upper

165 100

63 1.9 51.8 77.8#

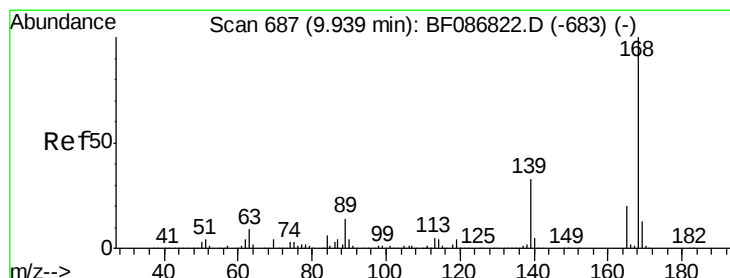
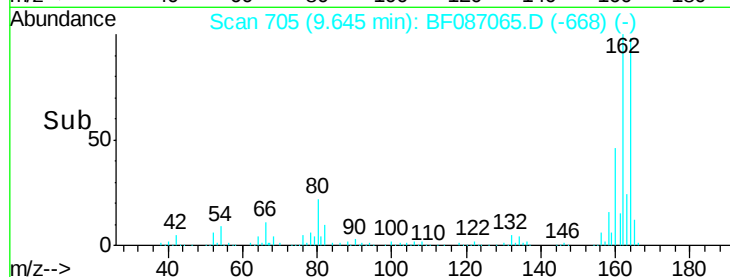
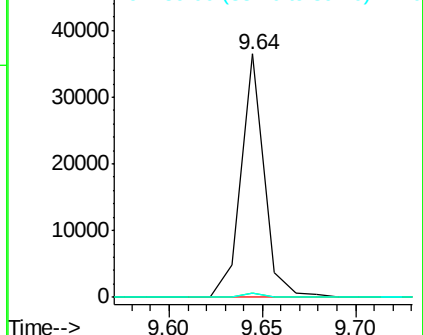
89 1.9 50.7 76.1#



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: 6.31 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.29 min

Lab File: BF087065.D

Acq: 15 May 2016 13:03

Tgt Ion:165 Resp: 31595

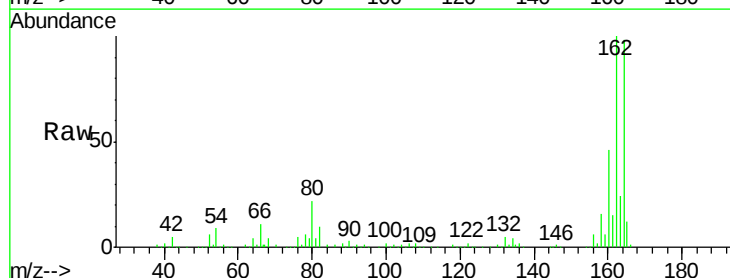
Ion Ratio Lower Upper

165 100

63 1.9 44.3 66.5#

89 1.9 70.0 105.0#

182 0.0 1.8 2.6#

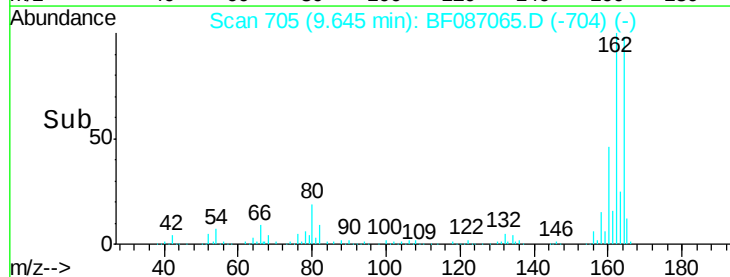
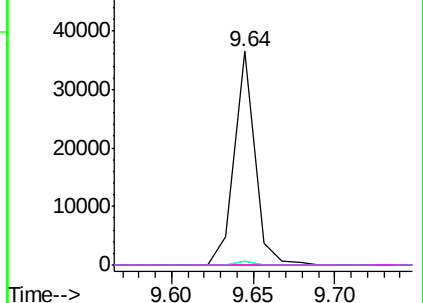


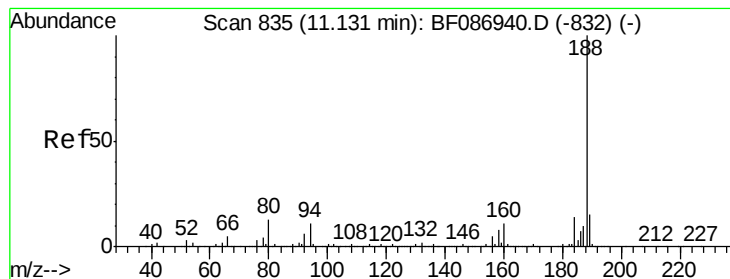
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.12 min Scan# 834

Delta R.T. -0.09 min

Lab File: BF087065.D

Acq: 15 May 2016 13:03

Instrument :

BNA_F

ClientSampled :

W-14

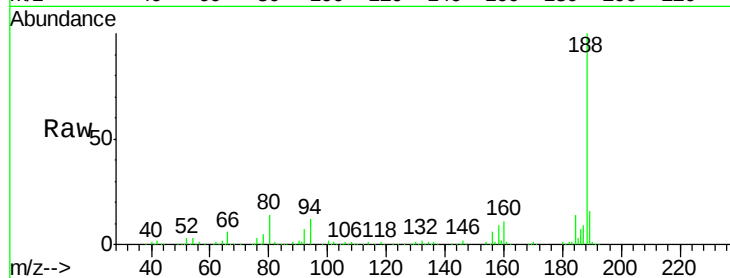
Tgt Ion:188 Resp: 445869

Ion Ratio Lower Upper

188 100

94 12.3 6.8 10.2#

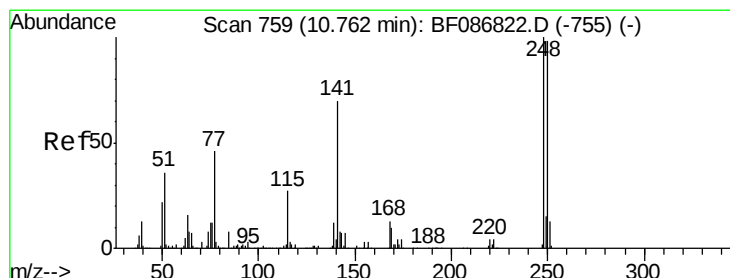
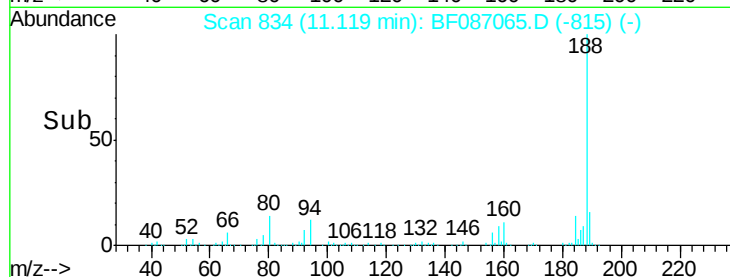
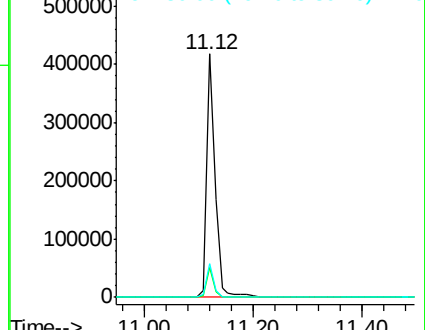
80 13.7 7.1 10.7#



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: 3.49 ng

RT: 10.43 min Scan# 774

Delta R.T. -0.33 min

Lab File: BF087065.D

Acq: 15 May 2016 13:03

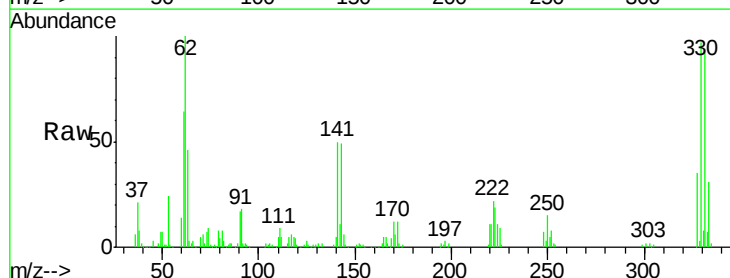
Tgt Ion:248 Resp: 15788

Ion Ratio Lower Upper

248 100

250 206.0 78.6 117.8#

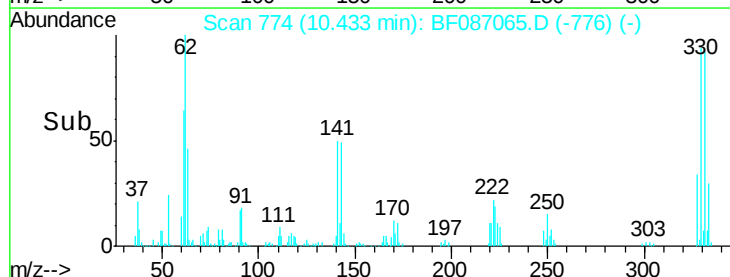
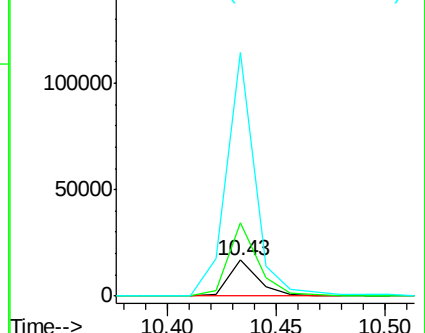
141 678.0 76.0 114.0#

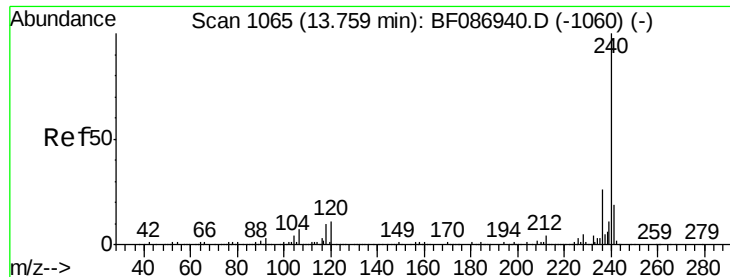


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.75 min Scan# 1064

Delta R.T. -0.09 min

Lab File: BF087065.D

Acq: 15 May 2016 13:03

Instrument :

BNA_F

ClientSampleId :

W-14

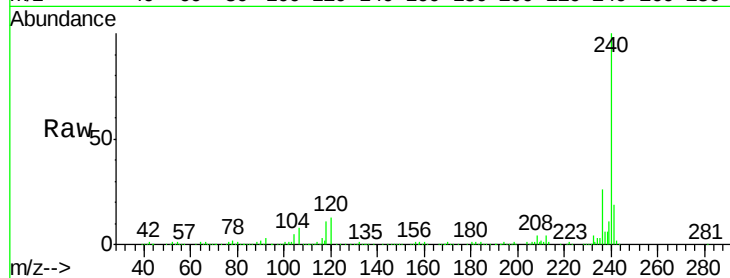
Tgt Ion:240 Resp: 307266

Ion Ratio Lower Upper

240 100

120 12.5 11.2 16.8

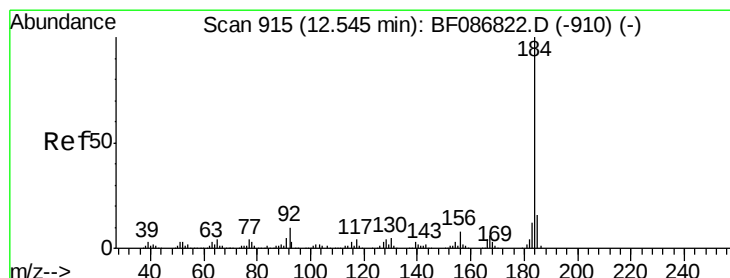
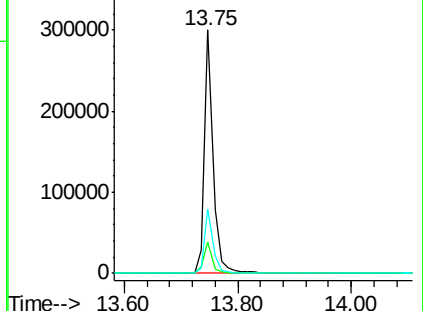
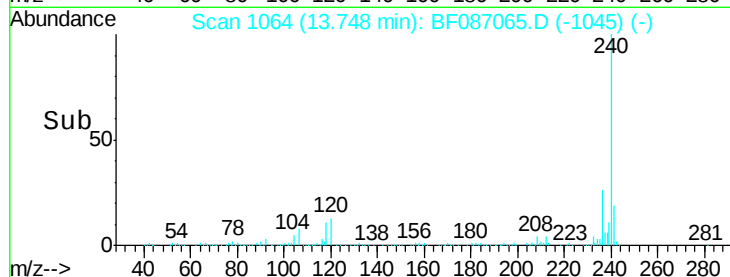
236 26.3 21.2 31.8



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



#76

Benzidine

Concen: 2.29 ng

RT: 12.71 min Scan# 973

Delta R.T. 0.16 min

Lab File: BF087065.D

Acq: 15 May 2016 13:03

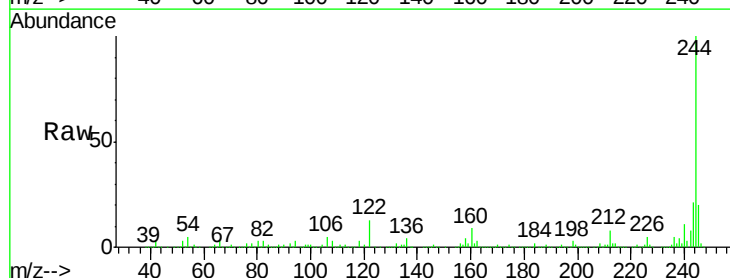
Tgt Ion:184 Resp: 17956

Ion Ratio Lower Upper

184 100

185 17.5 13.6 20.4

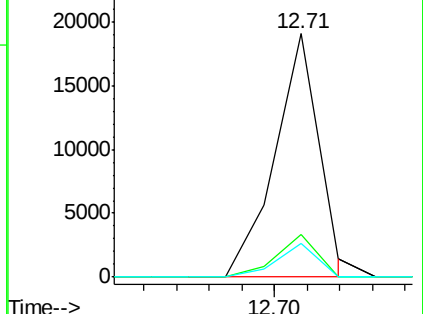
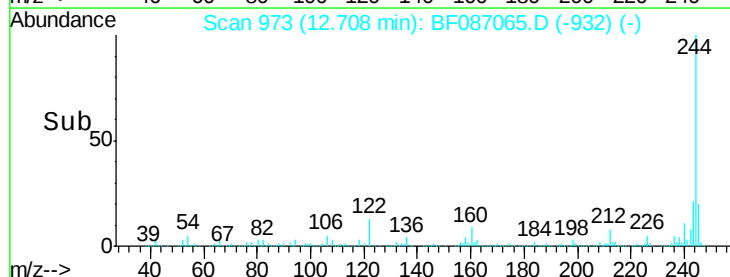
183 14.0 9.8 14.6

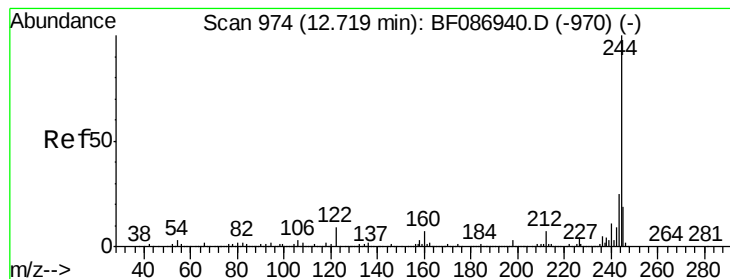


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 74.21 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.09 min

Lab File: BF087065.D

Acq: 15 May 2016 13:03

Instrument :

BNA_F

ClientSampled :

W-14

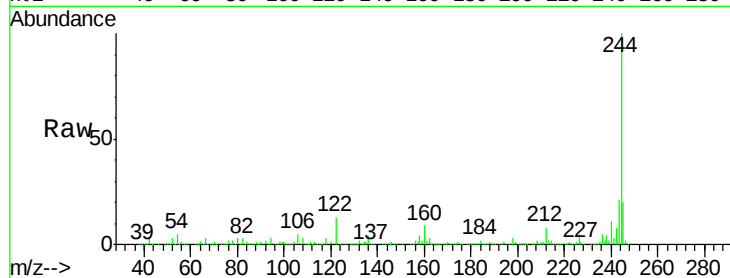
Tgt Ion:244 Resp: 1074698

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

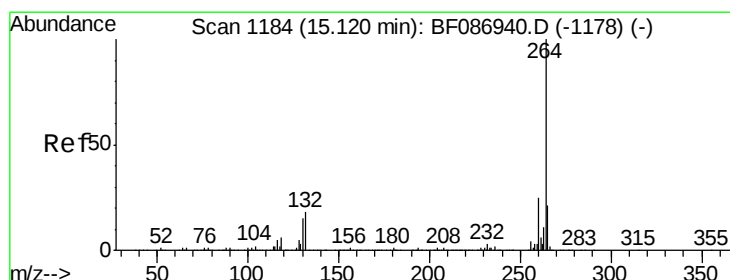
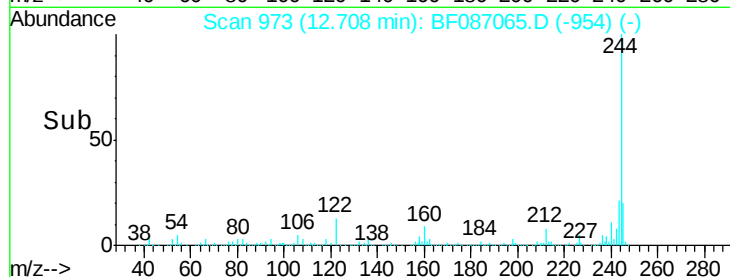
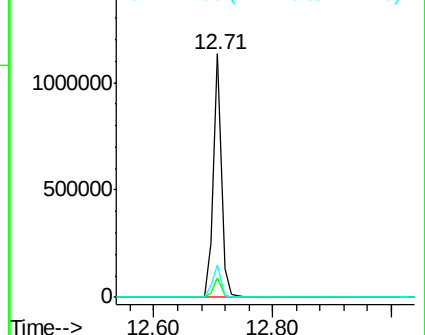
122 13.3 12.0 18.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.11 min Scan# 1183

Delta R.T. -0.10 min

Lab File: BF087065.D

Acq: 15 May 2016 13:03

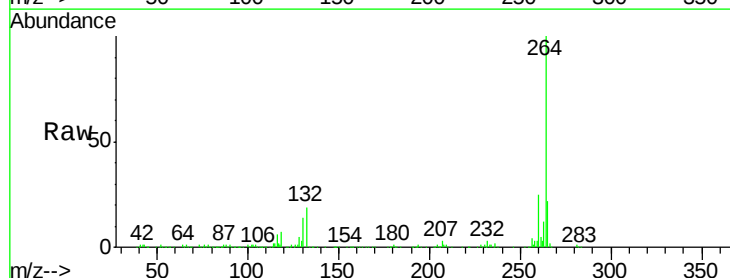
Tgt Ion:264 Resp: 287332

Ion Ratio Lower Upper

264 100

260 25.0 19.5 29.3

265 21.8 17.3 25.9



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

