

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090915\
 Data File : BF081559.D
 Acq On : 9 Sep 2015 18:38
 Operator : UM/IZ
 Sample : PB85410BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85410BL

Quant Time: Sep 10 04:45:17 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

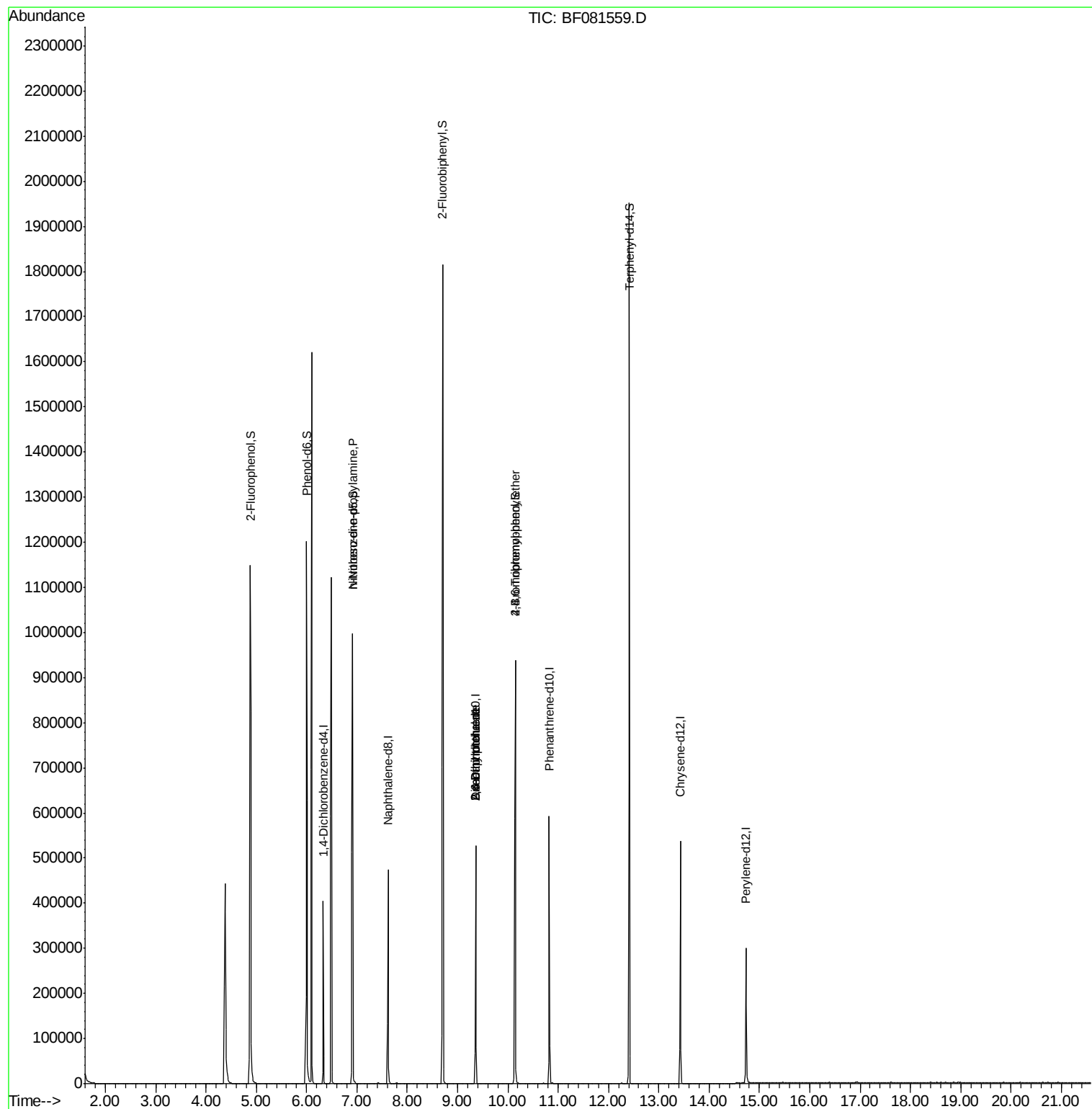
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.33	152	51647	20.00	ng	0.00
21) Naphthalene-d8	7.62	136	211117	20.00	ng	0.00
38) Acenaphthene-d10	9.36	164	98700	20.00	ng	-0.01
63) Phenanthrene-d10	10.82	188	204145	20.00	ng	-0.01
75) Chrysene-d12	13.43	240	181229	20.00	ng	-0.01
86) Perylene-d12	14.73	264	137284	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.88	112	369228	110.92	ng	0.01
7) Phenol-d6	6.00	99	481172	109.20	ng	-0.01
23) Nitrobenzene-d5	6.91	82	359646	82.19	ng	-0.01
41) 2,4,6-Tribromophenol	10.15	330	118448	134.78	ng	-0.01
44) 2-Fluorobiphenyl	8.71	172	607700	78.90	ng	0.00
78) Terphenyl-d14	12.41	244	593288	76.21	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.91	70	48809	16.28	ng	# 64
49) Dimethylphthalate	9.36	163	27680	3.61	ng	# 1
50) 2,6-Dinitrotoluene	9.36	165	12691	7.29	ng	# 37
56) 2,4-Dinitrotoluene	9.36	165	12691	5.73	ng	# 31
66) 4-Bromophenyl-phenylether	10.15	248	8807	4.27	ng	# 1

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

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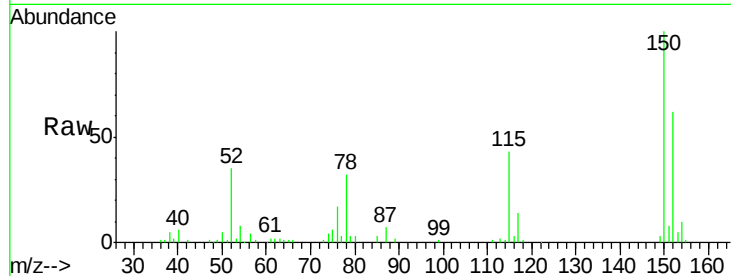


#1

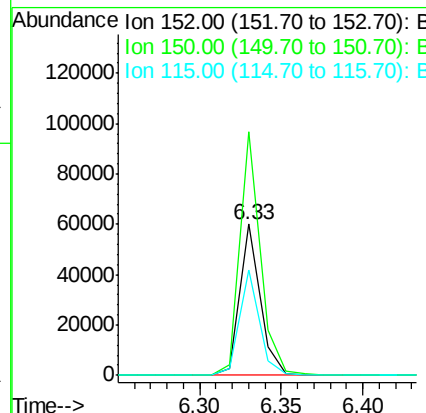
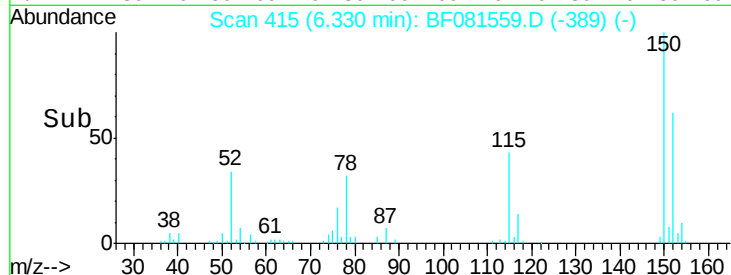
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.33 min Scan# 415
Delta R.T. -0.00 min
Lab File: BF081559.D
Acq: 9 Sep 2015 18:38

Instrument :
BNA_F
ClientSampleId :
PB85410BL

Tot Ion:152 Resp: 51647
Ion Ratio Lower Upper
152 100
150 161.0 124.7 187.1
115 69.5 39.0 58.4#



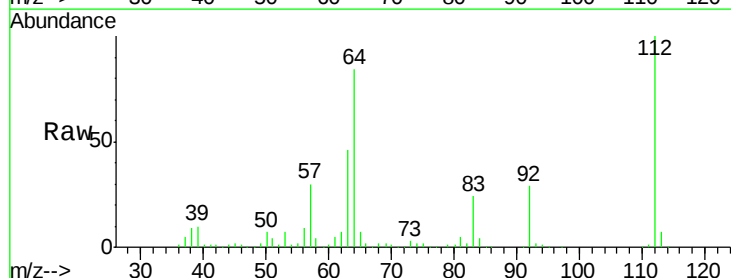
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



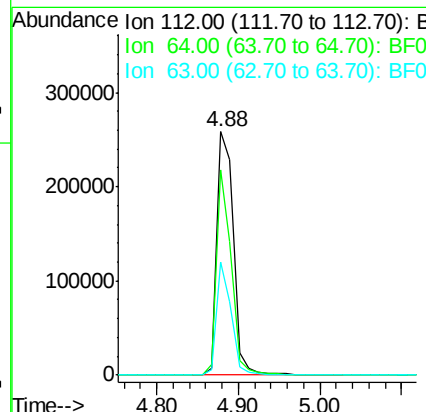
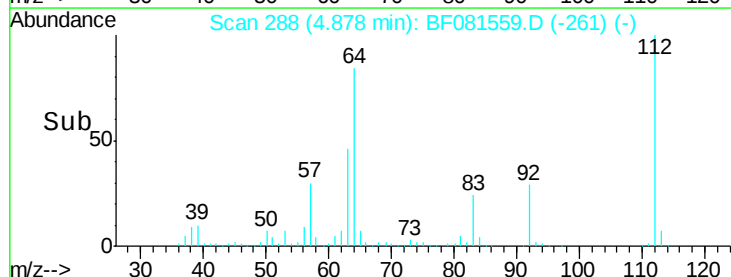
#5

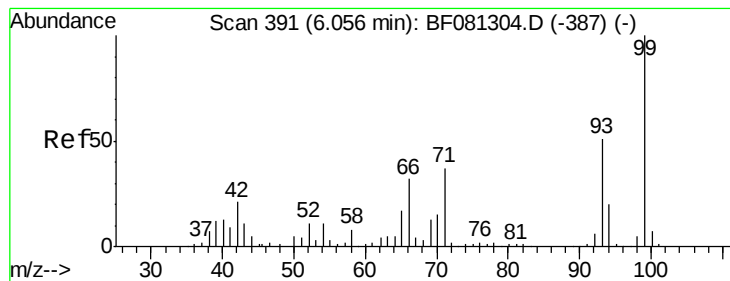
2-Fluorophenol
Concen: 110.92 ng
RT: 4.88 min Scan# 288
Delta R.T. 0.01 min
Lab File: BF081559.D
Acq: 9 Sep 2015 18:38

Tgt Ion:112 Resp: 369228
Ion Ratio Lower Upper
112 100
64 84.3 39.7 59.5#
63 46.4 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: 109.20 ng

RT: 6.00 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF081559.D

Acq: 9 Sep 2015 18:38

Instrument :

BNA_F

ClientSampleId :

PB85410BL

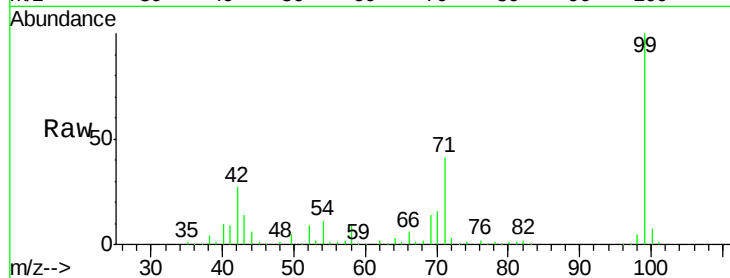
Tot Ion: 99 Resp: 481172

Ion Ratio Lower Upper

99 100

42 26.7 13.7 20.5#

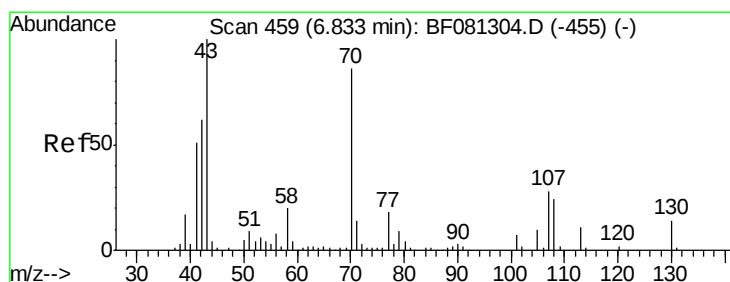
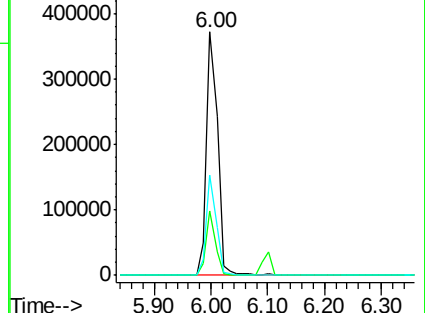
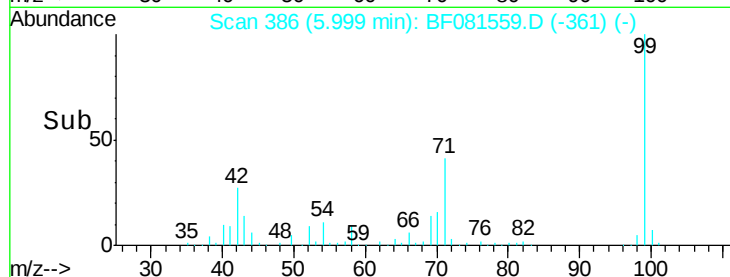
71 41.4 14.2 21.2#



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: 16.28 ng

RT: 6.91 min Scan# 466

Delta R.T. 0.13 min

Lab File: BF081559.D

Acq: 9 Sep 2015 18:38

Tgt Ion: 70 Resp: 48809

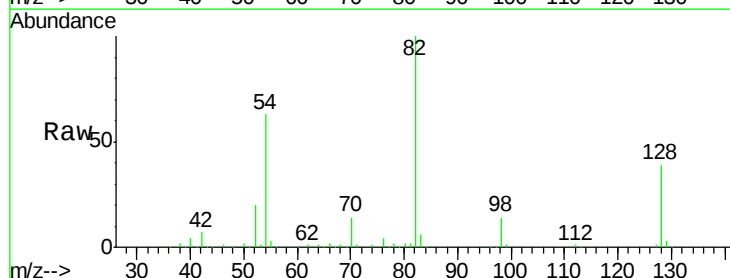
Ion Ratio Lower Upper

70 100

42 54.2 63.8 95.6#

101 0.0 9.2 13.8#

130 2.4 27.3 40.9#

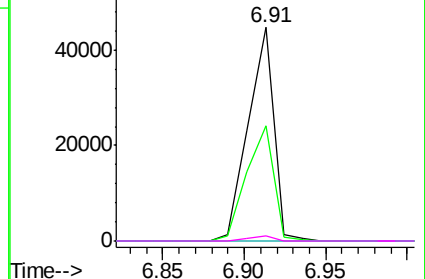
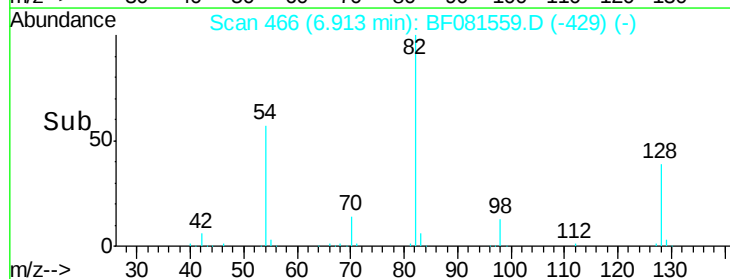


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.62 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF081559.D

Acq: 9 Sep 2015 18:38

Instrument :

BNA_F

ClientSampleId :

PB85410BL

Tot Ion:136 Resp: 211117

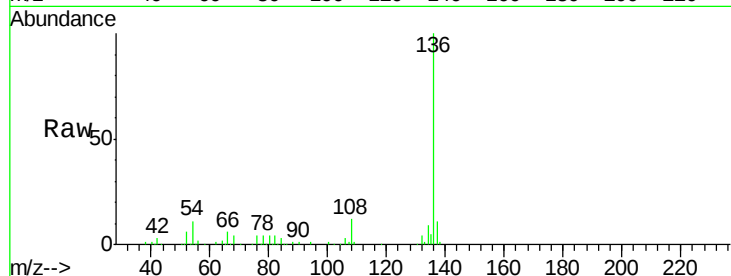
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.6

54 10.9 8.2 12.2

68 4.5 5.8 8.6#

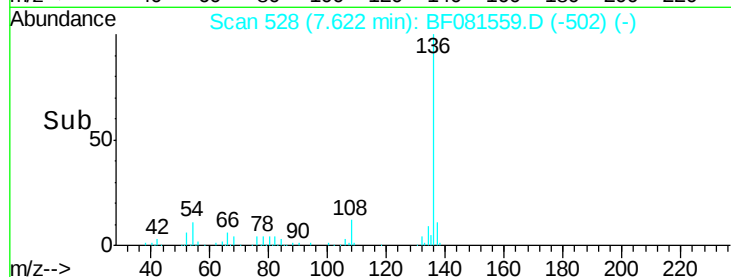
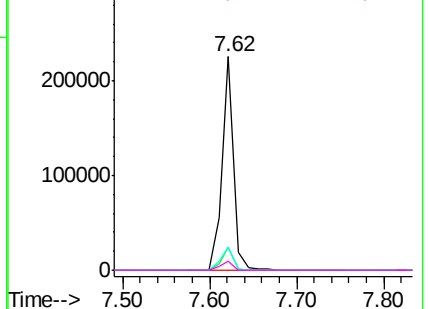


Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.19 ng

RT: 6.91 min Scan# 466

Delta R.T. -0.01 min

Lab File: BF081559.D

Acq: 9 Sep 2015 18:38

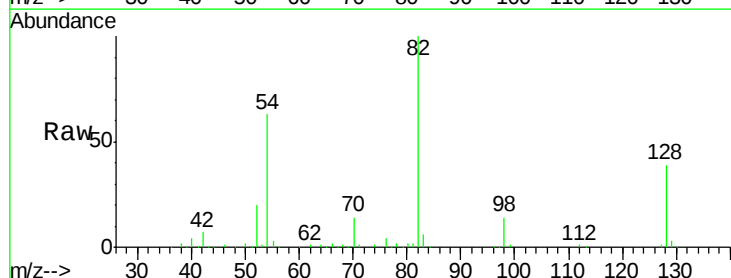
Tgt Ion: 82 Resp: 359646

Ion Ratio Lower Upper

82 100

128 39.3 51.0 76.6#

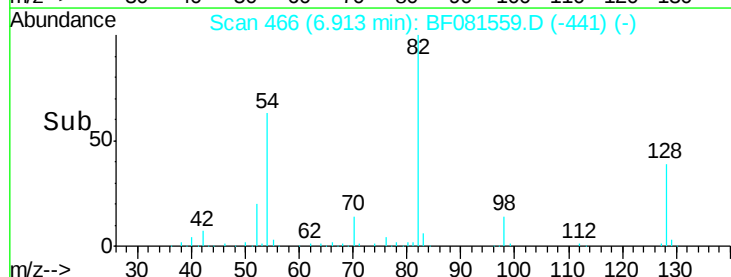
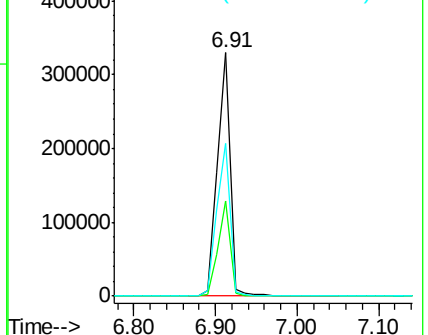
54 62.5 47.5 71.3

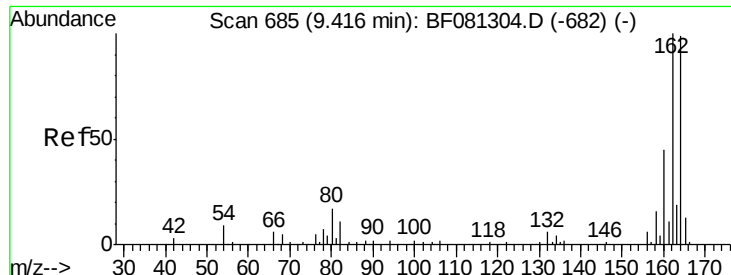


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.36 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF081559.D

Acq: 9 Sep 2015 18:38

Instrument :

BNA_F

ClientSampleId :

PB85410BL

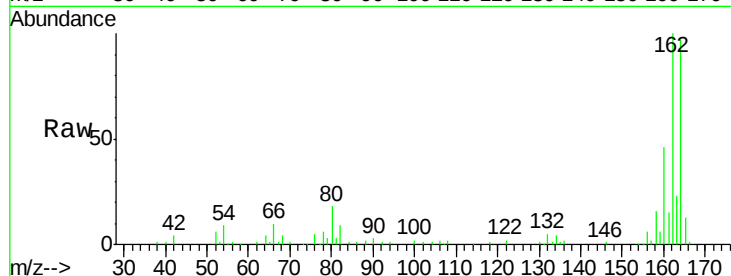
Tot Ion:164 Resp: 98700

Ion Ratio Lower Upper

164 100

162 103.0 75.2 112.8

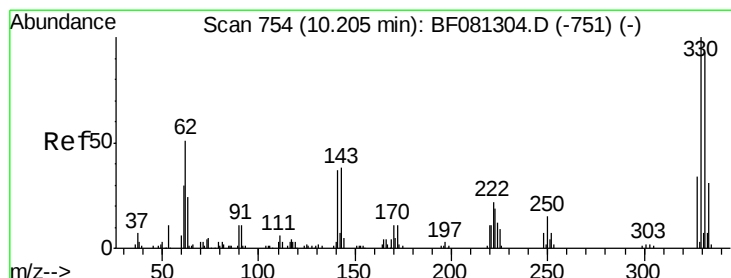
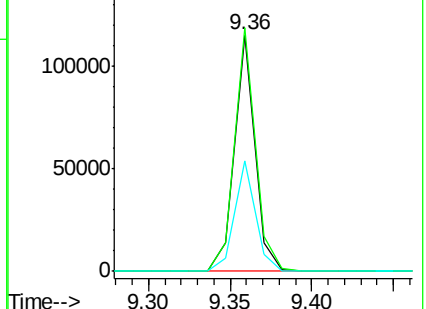
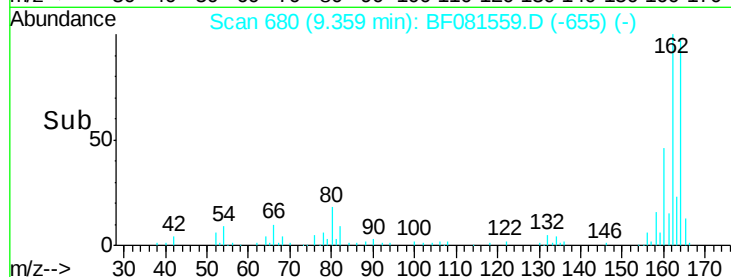
160 47.0 31.5 47.3



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: 134.78 ng

RT: 10.15 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF081559.D

Acq: 9 Sep 2015 18:38

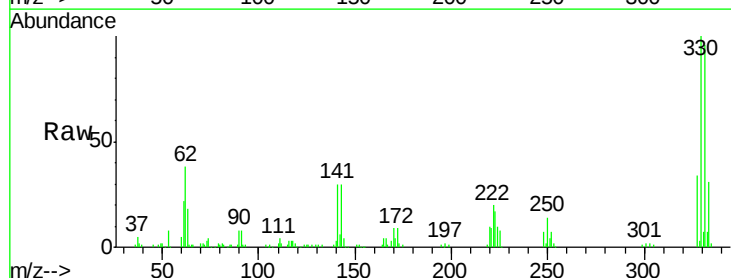
Tgt Ion:330 Resp: 118448

Ion Ratio Lower Upper

330 100

332 96.2 76.6 114.8

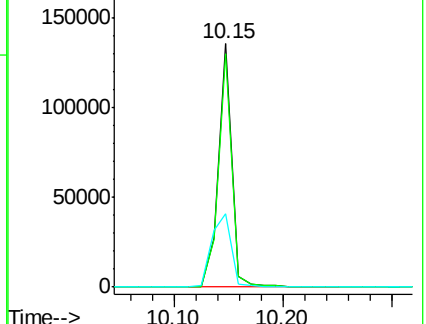
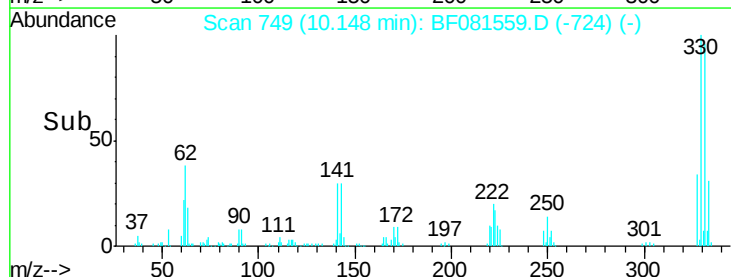
141 43.8 29.7 44.5



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

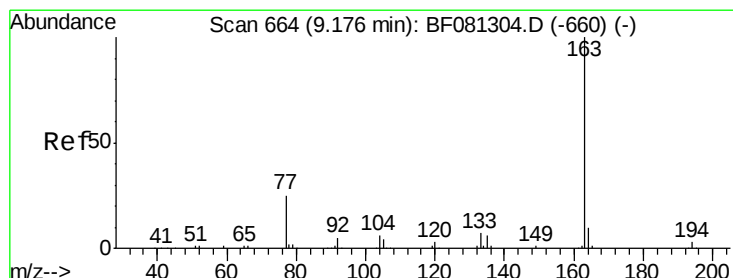
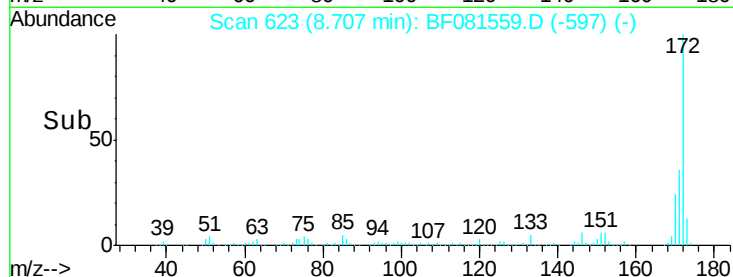
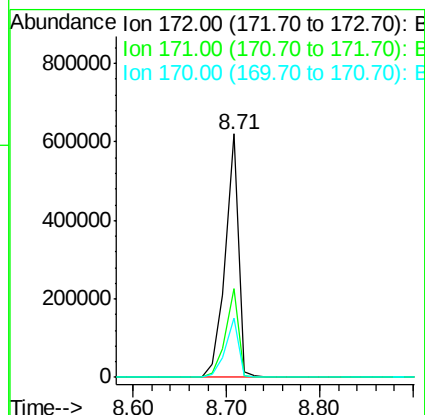
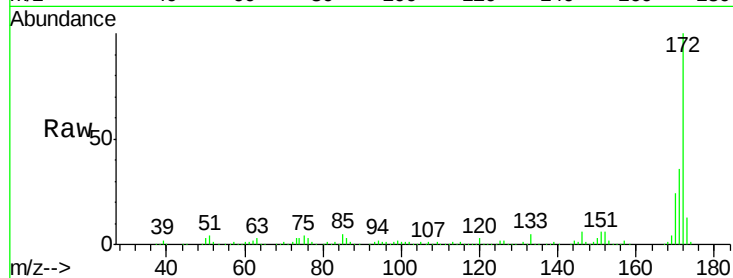




#44
 2-Fluorobiphenyl
 Concen: 78.90 ng
 RT: 8.71 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF081559.D
 Acq: 9 Sep 2015 18:38

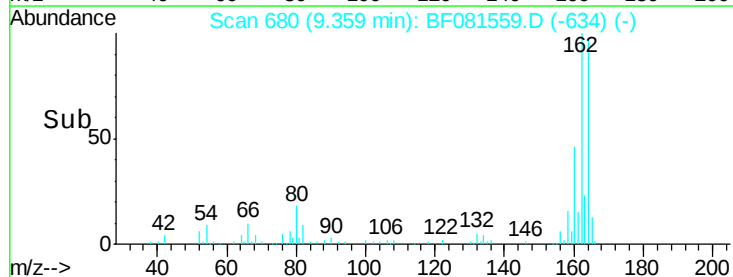
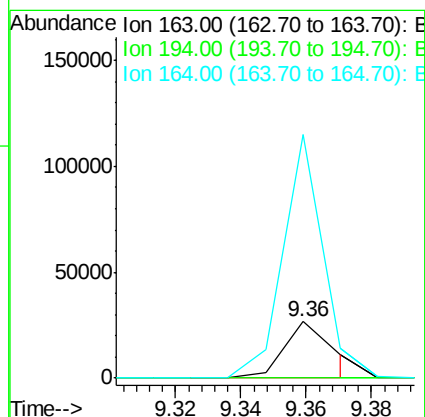
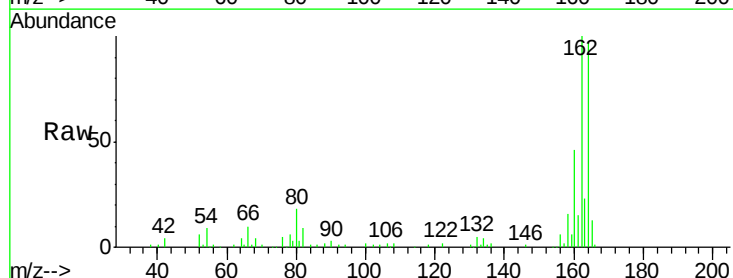
Instrument :
 BNA_F
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 PB85410BL

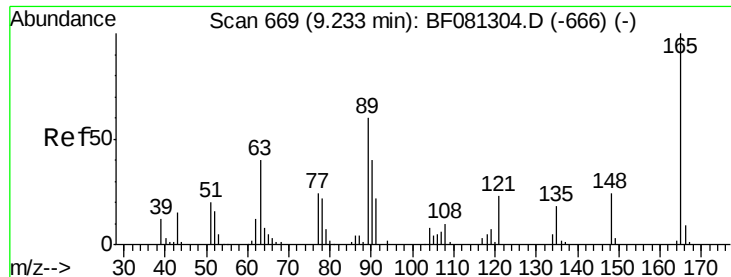
Tot Ion:172 Resp: 607700
 Ion Ratio Lower Upper
 172 100
 171 36.2 26.1 39.1
 170 24.2 17.4 26.2



#49
 Dimethylphthalate
 Concen: 3.61 ng
 RT: 9.36 min Scan# 680
 Delta R.T. 0.23 min
 Lab File: BF081559.D
 Acq: 9 Sep 2015 18:38

Tgt Ion:163 Resp: 27680
 Ion Ratio Lower Upper
 163 100
 194 0.0 4.4 6.6#
 164 430.0 8.3 12.5#

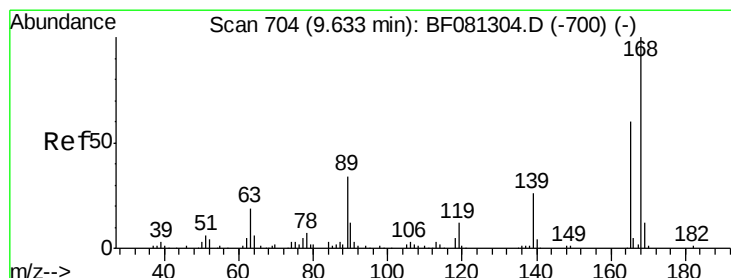
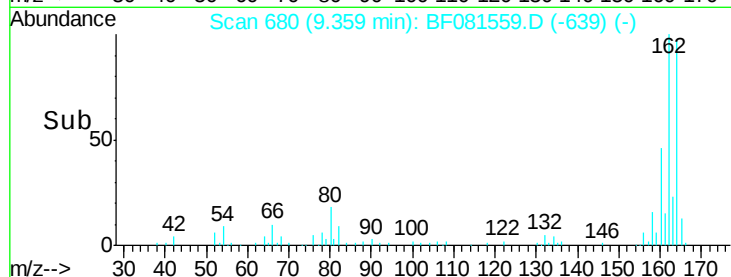
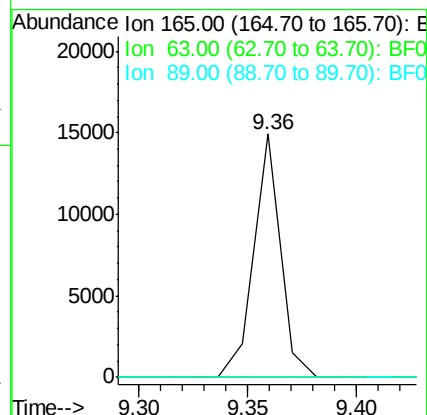
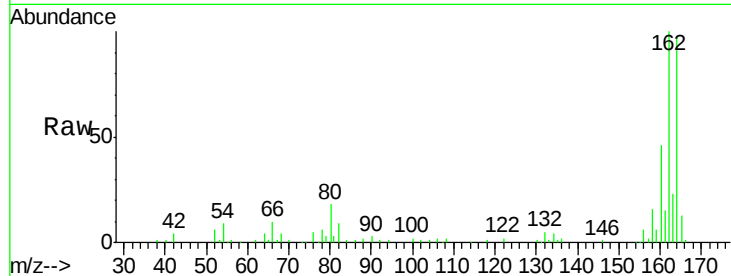




#50
 2,6-Dinitrotoluene
 Concen: 7.29 ng
 RT: 9.36 min Scan# 680
 Delta R.T. 0.17 min
 Lab File: BF081559.D
 Acq: 9 Sep 2015 18:38

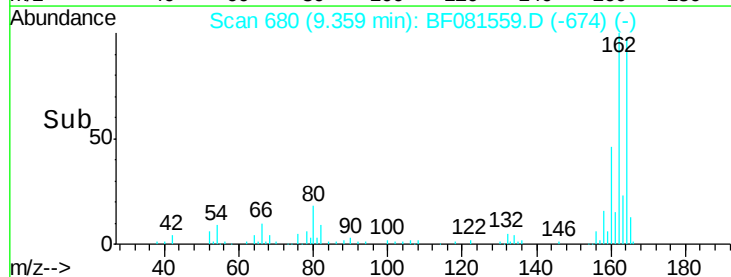
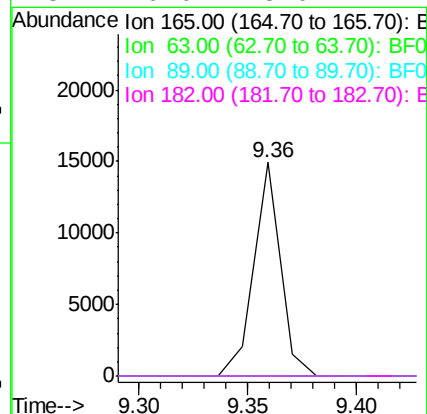
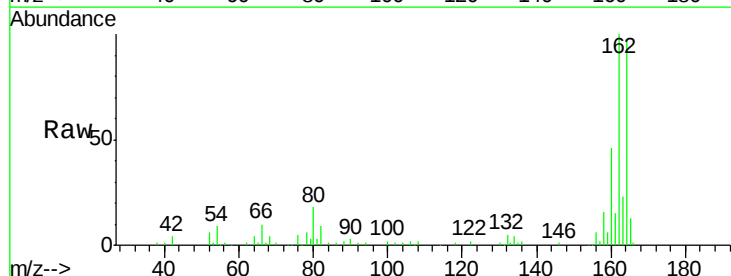
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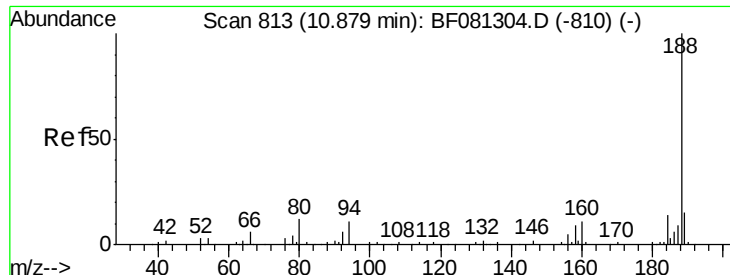
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.3	48.5#
89	0.0	28.6	43.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.73 ng
 RT: 9.36 min Scan# 680
 Delta R.T. -0.23 min
 Lab File: BF081559.D
 Acq: 9 Sep 2015 18:38

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#

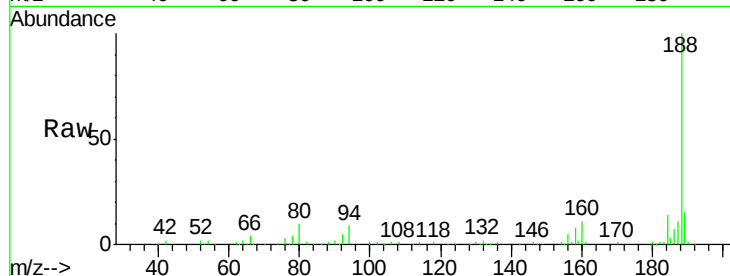




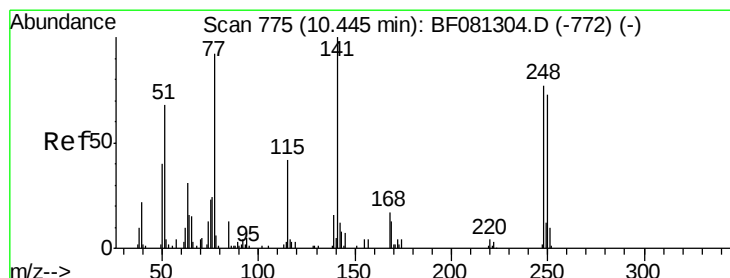
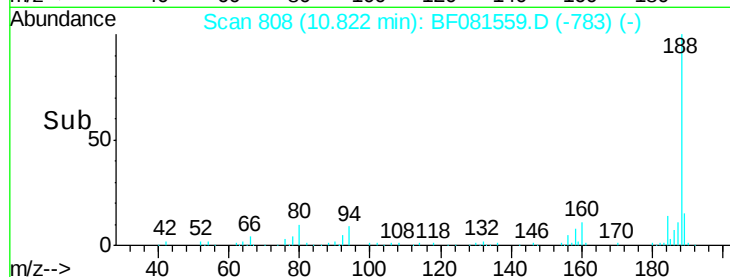
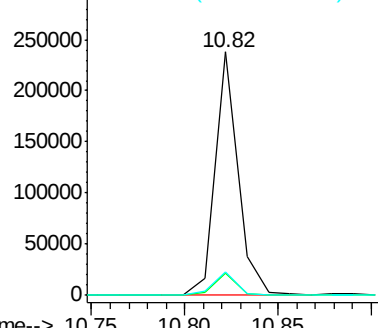
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.82 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF081559.D
Acq: 9 Sep 2015 18:38

Instrument :
BNA_F
ClientSampleId :
PB85410BL

Tot Ion:188 Resp: 204145
Ion Ratio Lower Upper
188 100
94 9.3 11.1 16.7#
80 9.8 11.0 16.4#

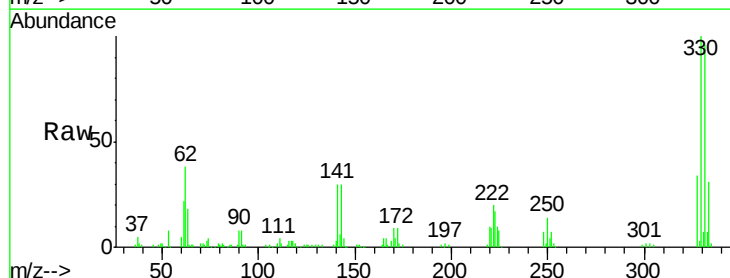


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

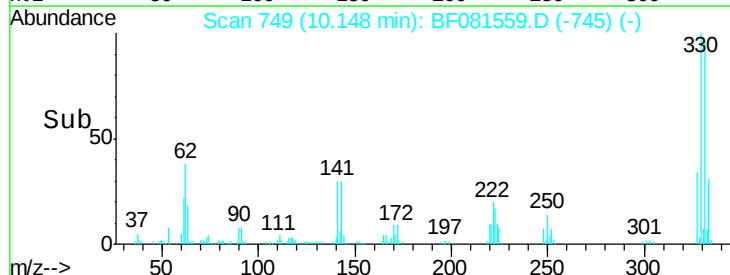
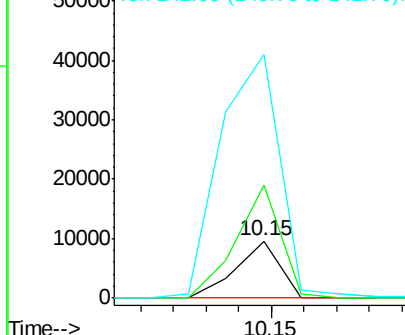


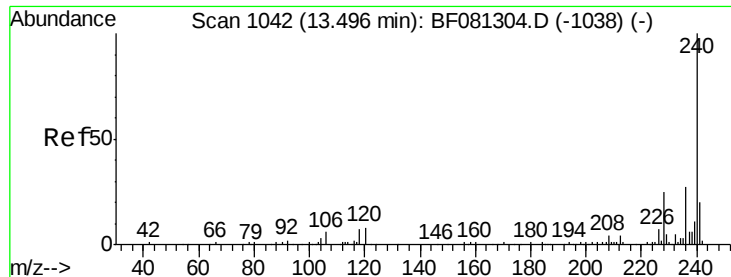
#66
4-Bromophenyl-phenylether
Concen: 4.27 ng
RT: 10.15 min Scan# 749
Delta R.T. -0.25 min
Lab File: BF081559.D
Acq: 9 Sep 2015 18:38

Tgt Ion:248 Resp: 8807
Ion Ratio Lower Upper
248 100
250 197.4 78.5 117.7#
141 427.4 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: BF081559.D

Acq: 9 Sep 2015 18:38

Instrument :

BNA_F

ClientSampled :

PB85410BL

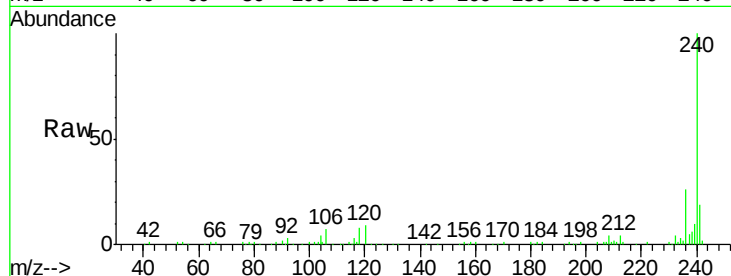
Tot Ion:240 Resp: 181229

Ion Ratio Lower Upper

240 100

120 9.0 16.2 24.2#

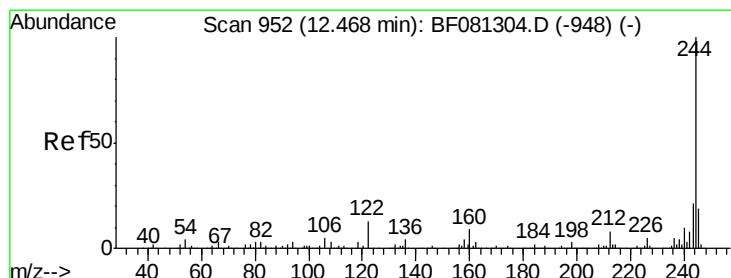
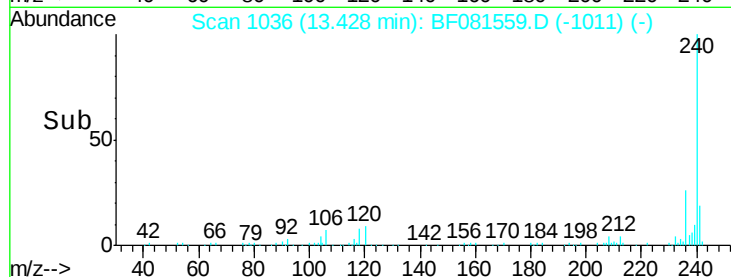
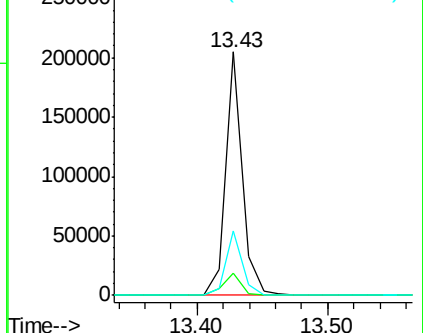
236 26.4 18.4 27.6



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: 76.21 ng

RT: 12.41 min Scan# 947

Delta R.T. -0.00 min

Lab File: BF081559.D

Acq: 9 Sep 2015 18:38

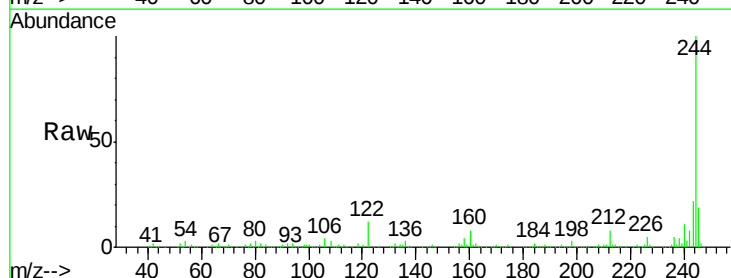
Tgt Ion:244 Resp: 593288

Ion Ratio Lower Upper

244 100

212 7.7 4.3 6.5#

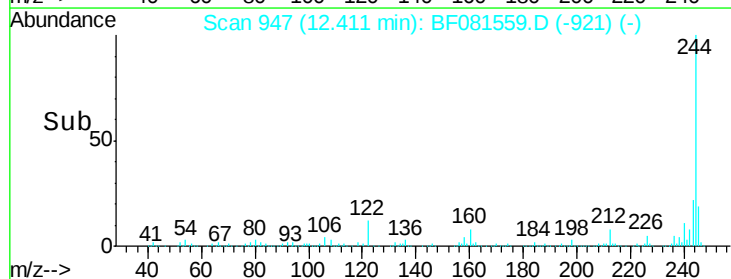
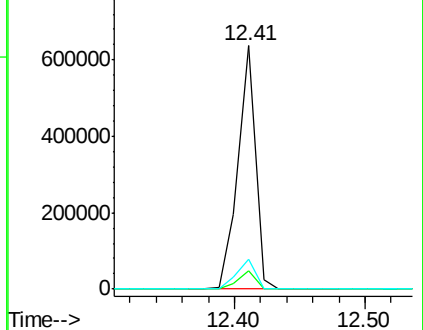
122 12.1 17.4 26.2#

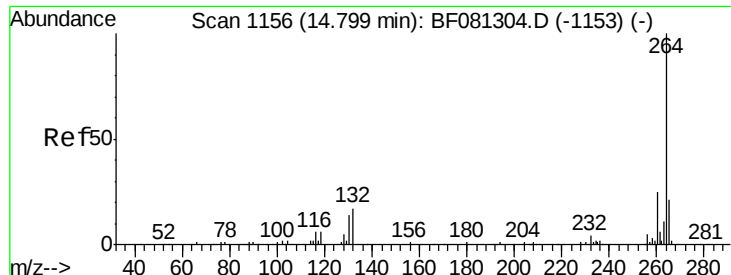


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

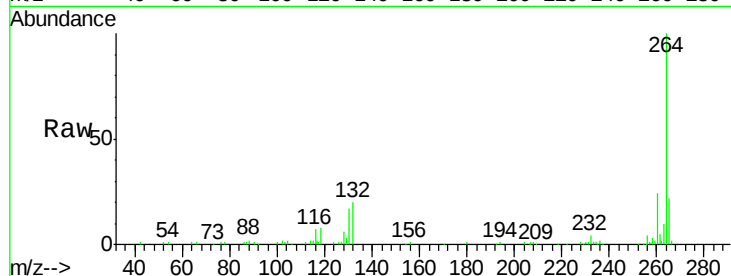




#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.73 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF081559.D
Acq: 9 Sep 2015 18:38

Instrument :
BNA_F
ClientSampleId :
PB85410BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	16.7	25.1
265	21.7	17.2	25.8



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

