

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092915\
 Data File : BF081888.D
 Acq On : 29 Sep 2015 19:32
 Operator : UM/IZ
 Sample : PB85618BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85618BL

Quant Time: Sep 30 02:26:23 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

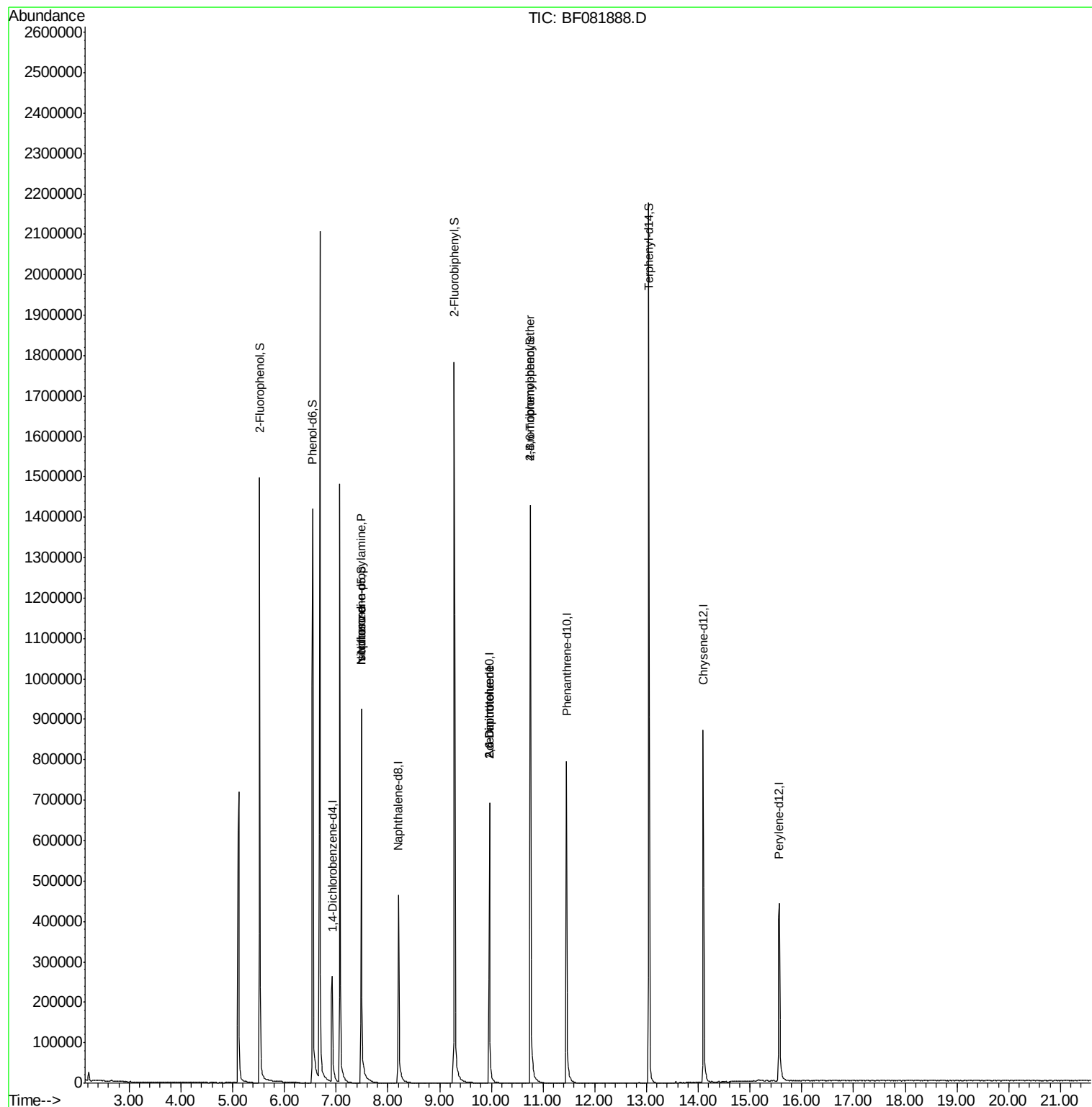
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	80145	20.00	ng	-0.01
21) Naphthalene-d8	8.21	136	307669	20.00	ng	-0.01
38) Acenaphthene-d10	9.97	164	182268	20.00	ng	-0.01
63) Phenanthrene-d10	11.45	188	392037	20.00	ng	-0.01
75) Chrysene-d12	14.09	240	444269	20.00	ng	-0.02
86) Perylene-d12	15.57	264	336914	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	460237	104.25	ng	0.00
7) Phenol-d6	6.55	99	771104	138.80	ng	-0.01
23) Nitrobenzene-d5	7.49	82	398387	86.31	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	229747	124.46	ng	-0.01
44) 2-Fluorobiphenyl	9.28	172	882937	80.17	ng	-0.02
78) Terphenyl-d14	13.04	244	834423	54.99	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.49	70	49645	14.70	ng	# 59
25) Isophorone	7.49	82	349139	38.17	ng	# 58
50) 2,6-Dinitrotoluene	9.97	165	22091	8.09	ng	# 37
56) 2,4-Dinitrotoluene	9.97	165	22464	6.45	ng	# 31
57) Fluorene	10.75	166	8360	Below Cal		# 82
66) 4-Bromophenyl-phenylether	10.75	248	14622	3.70	ng	# 1
73) Di-n-butylphthalate	12.01	149	296	Below Cal		# 78

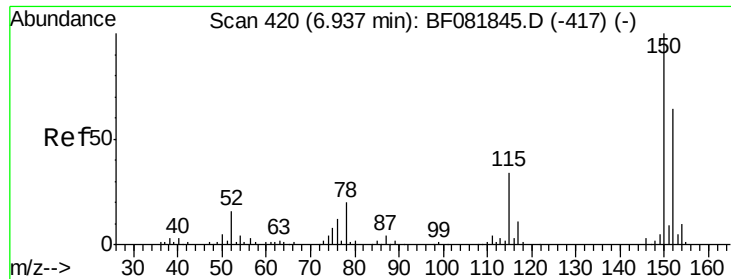
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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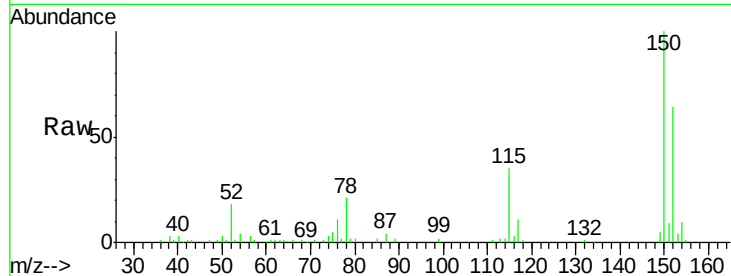


#1

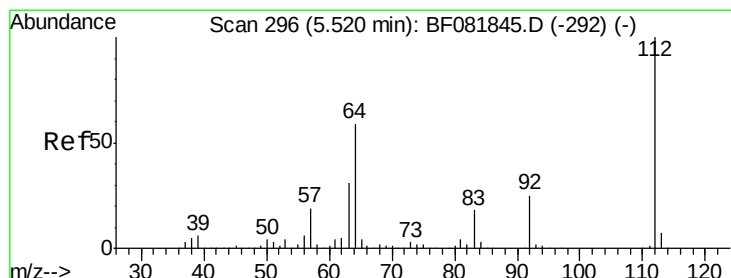
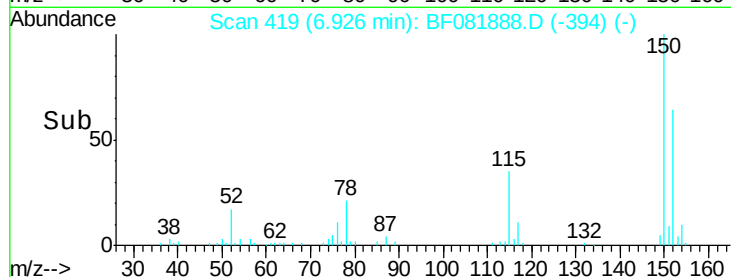
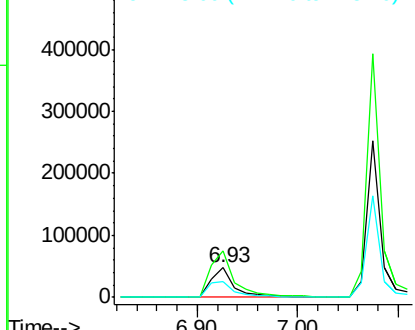
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.93 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF081888.D
Acq: 29 Sep 2015 19:32

Instrument :
BNA_F
ClientSampleId :
PB85618BL

Tgt Ion:152 Resp: 80145
Ion Ratio Lower Upper
152 100
150 156.5 124.7 187.1
115 54.1 39.0 58.4



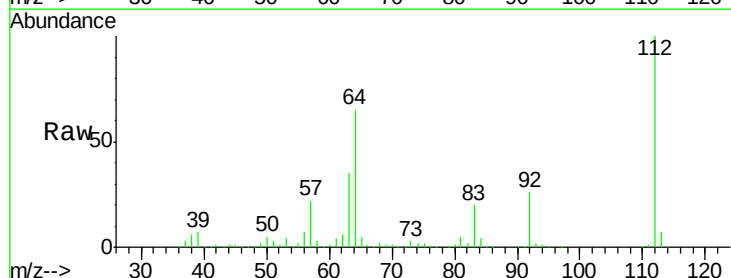
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



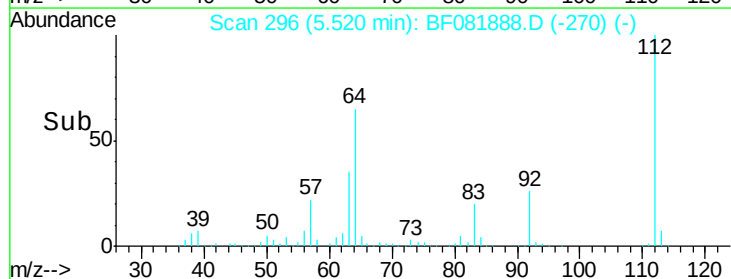
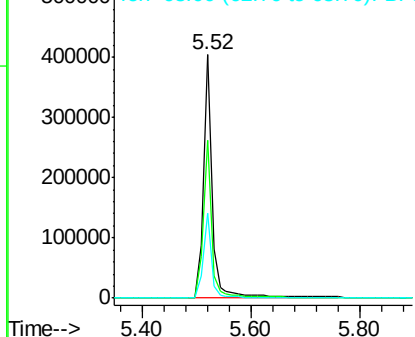
#5

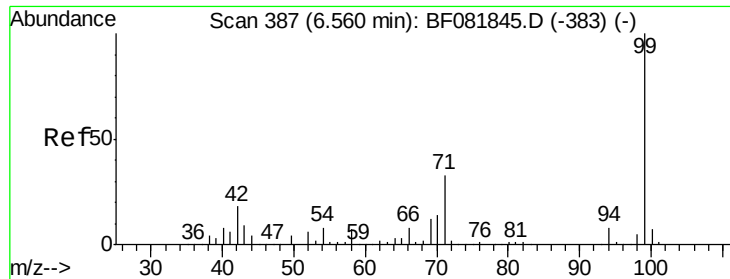
2-Fluorophenol
Concen: 104.25 ng
RT: 5.52 min Scan# 296
Delta R.T. 0.00 min
Lab File: BF081888.D
Acq: 29 Sep 2015 19:32

Tgt Ion:112 Resp: 460237
Ion Ratio Lower Upper
112 100
64 65.0 39.7 59.5#
63 35.1 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: 138.80 ng

RT: 6.55 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF081888.D

Acq: 29 Sep 2015 19:32

Instrument :

BNA_F

ClientSampleId :

PB85618BL

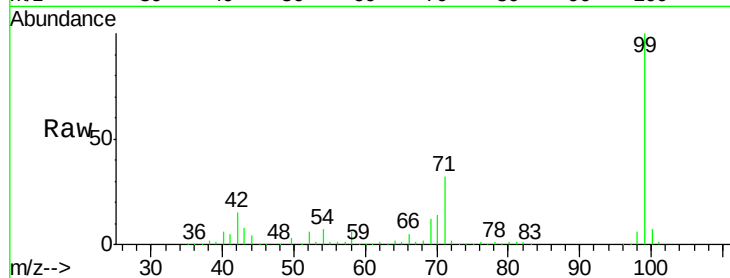
Tgt Ion: 99 Resp: 771104

Ion Ratio Lower Upper

99 100

42 15.3 13.7 20.5

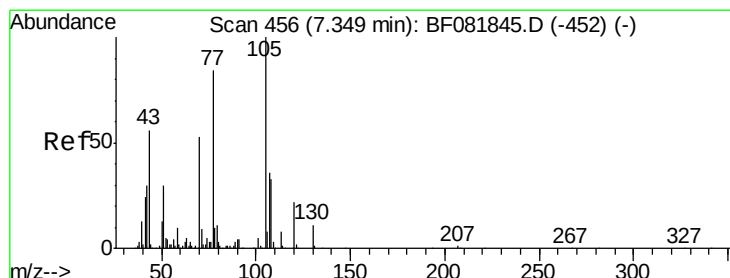
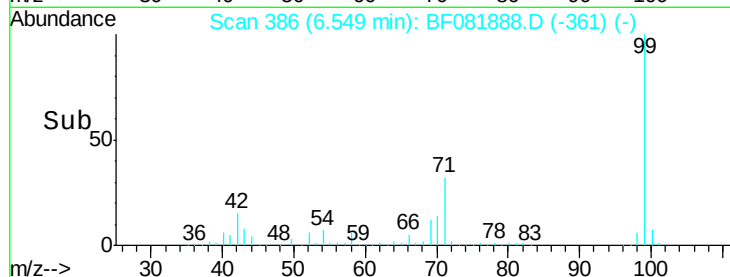
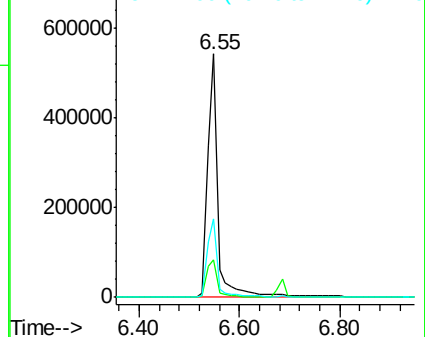
71 32.1 14.2 21.2#



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: 14.70 ng

RT: 7.49 min Scan# 468

Delta R.T. 0.14 min

Lab File: BF081888.D

Acq: 29 Sep 2015 19:32

Tgt Ion: 70 Resp: 49645

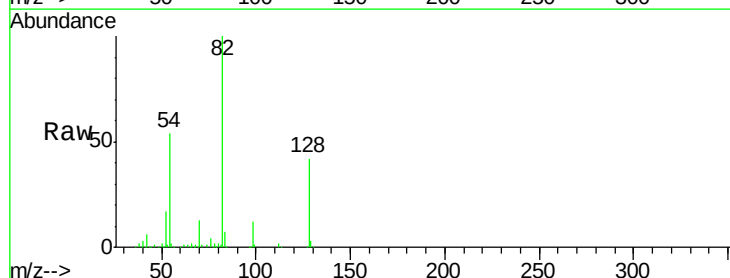
Ion Ratio Lower Upper

70 100

42 47.4 63.8 95.6#

101 0.0 9.2 13.8#

130 2.1 27.3 40.9#

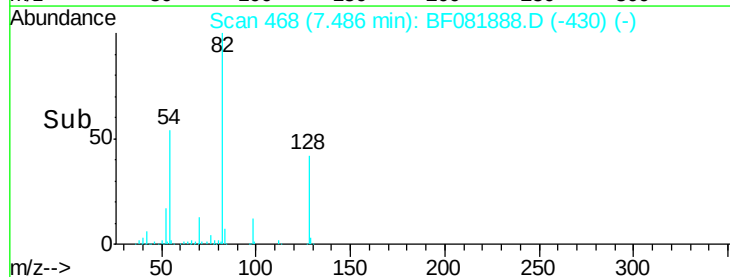
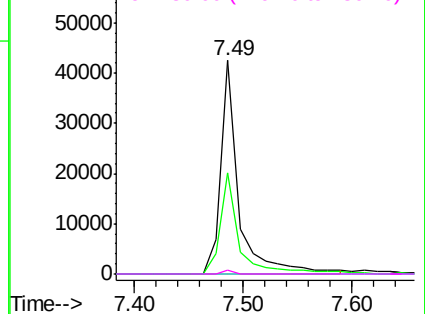


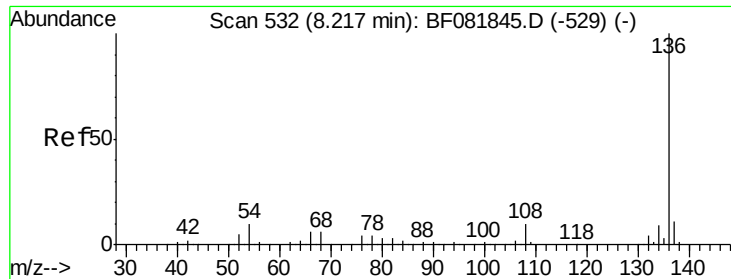
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

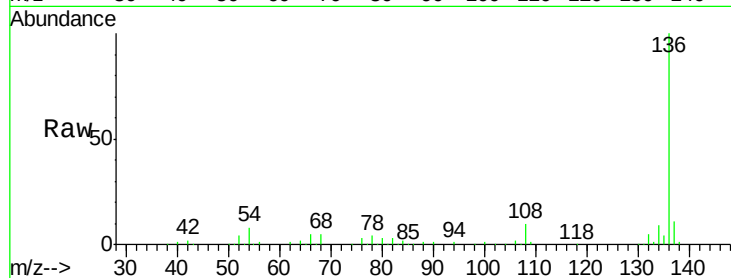




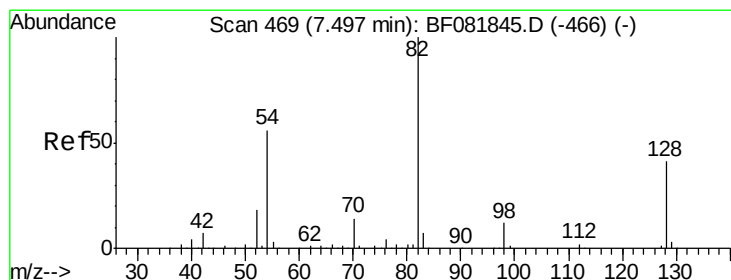
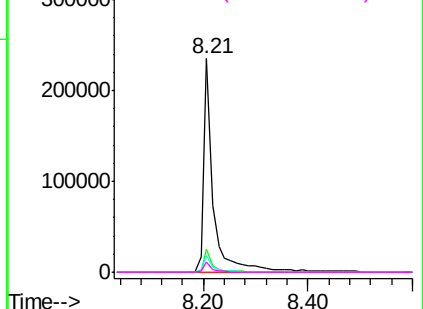
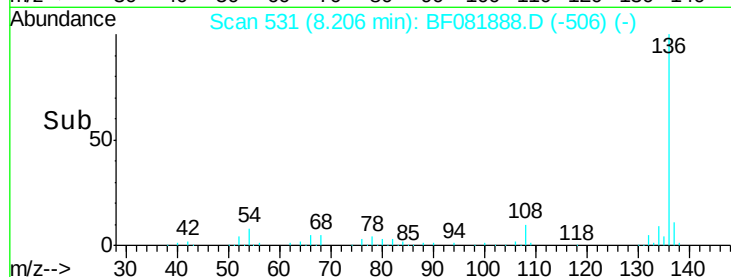
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF081888.D
Acq: 29 Sep 2015 19:32

Instrument :
BNA_F
ClientSampleId :
PB85618BL

Tgt Ion:	136	Resp:	307669
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	8.0	8.2	12.2#
68	5.1	5.8	8.6#

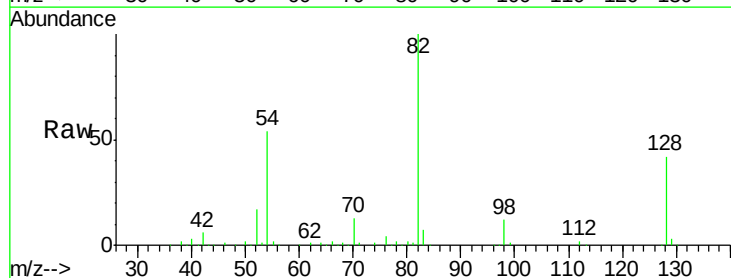


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

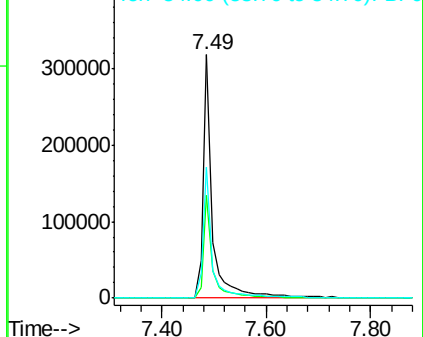
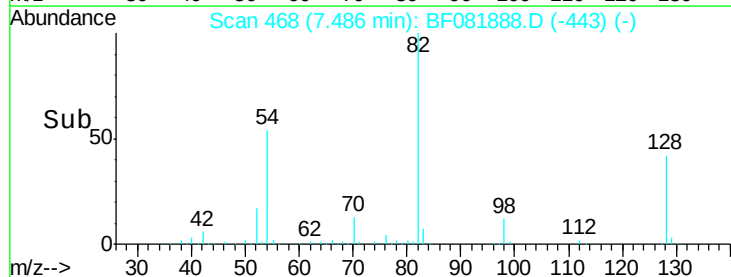


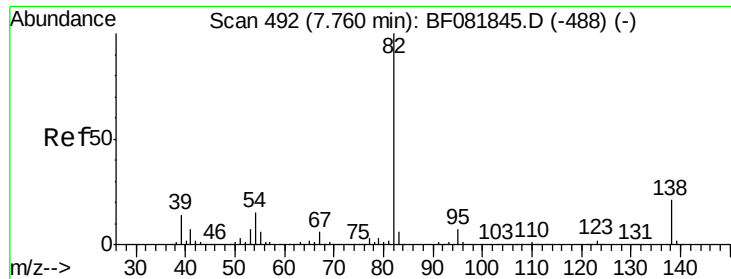
#23
Nitrobenzene-d5
Concen: 86.31 ng
RT: 7.49 min Scan# 468
Delta R.T. -0.01 min
Lab File: BF081888.D
Acq: 29 Sep 2015 19:32

Tgt Ion:	82	Resp:	398387
Ion	Ratio	Lower	Upper
82	100		
128	42.4	51.0	76.6#
54	54.0	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





#25

Isophorone

Concen: 38.17 ng

RT: 7.49 min Scan# 468

Delta R.T. -0.27 min

Lab File: BF081888.D

Acq: 29 Sep 2015 19:32

Instrument :

BNA_F

ClientSampleId :

PB85618BL

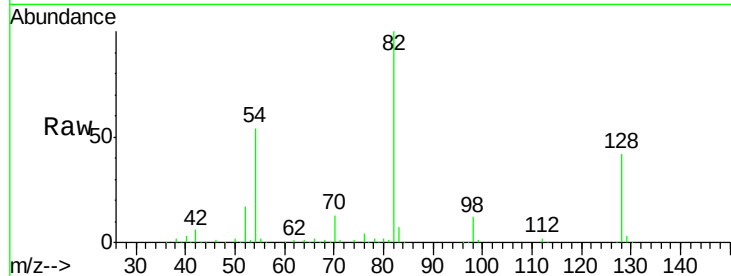
Tgt Ion: 82 Resp: 349139

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

138 0.0 18.3 27.5#

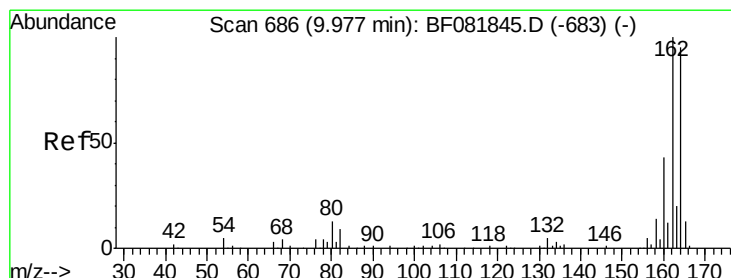
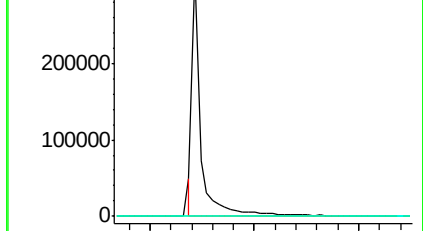
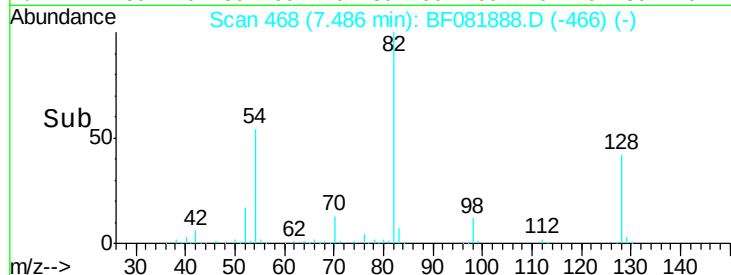


Abundance Ion 82.00 (81.70 to 82.70): BF081845.D (-488) (-)

Ion 95.00 (94.70 to 95.70): BF081845.D (-488) (-)

Ion 138.00 (137.70 to 138.70): BF081845.D (-488) (-)

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.97 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF081888.D

Acq: 29 Sep 2015 19:32

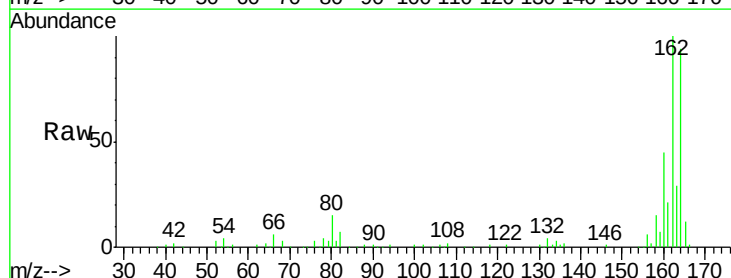
Tgt Ion: 164 Resp: 182268

Ion Ratio Lower Upper

164 100

162 105.9 75.2 112.8

160 47.3 31.5 47.3#

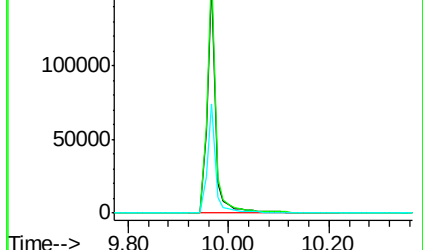
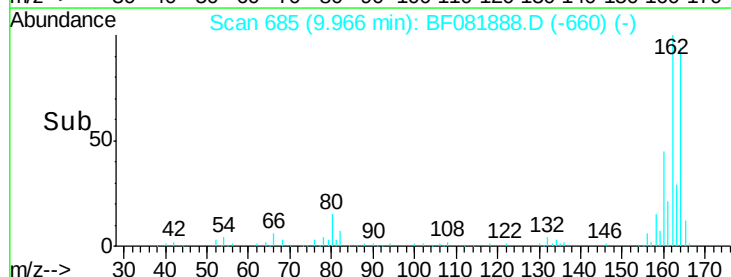


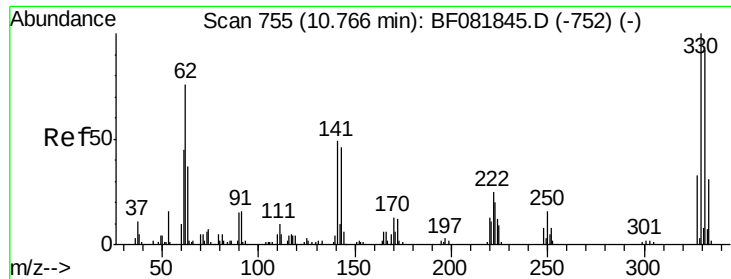
Abundance Ion 164.00 (163.70 to 164.70): BF081845.D (-683) (-)

Ion 162.00 (161.70 to 162.70): BF081845.D (-683) (-)

Ion 160.00 (159.70 to 160.70): BF081845.D (-683) (-)

Time-->

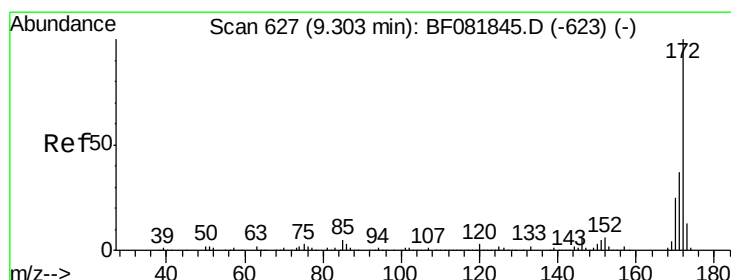
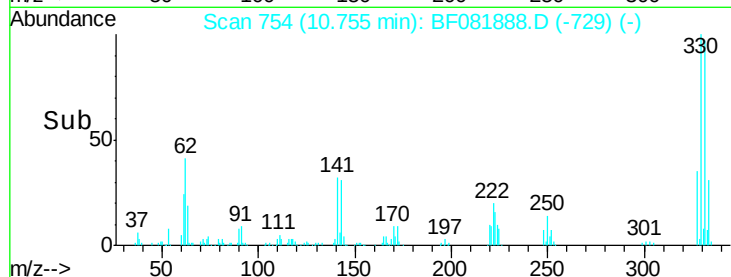
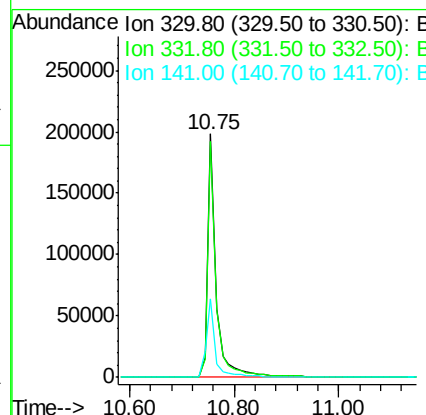
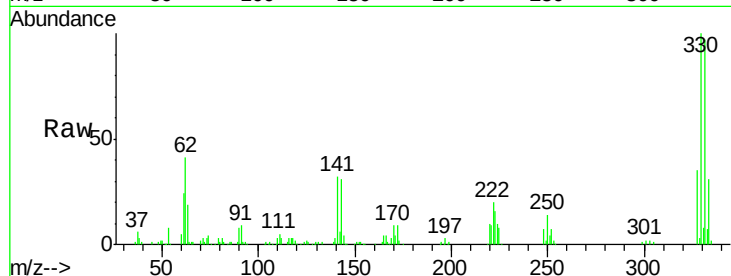




#41
 2,4,6-Tribromophenol
 Concen: 124.46 ng
 RT: 10.75 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF081888.D
 Acq: 29 Sep 2015 19:32

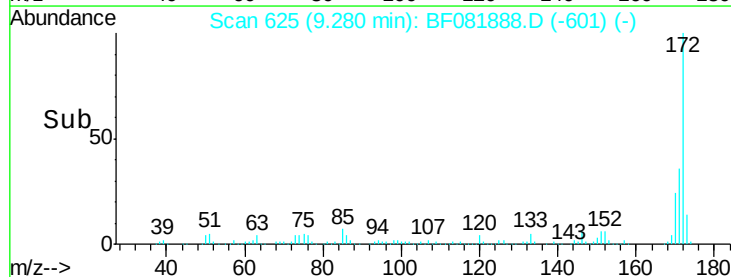
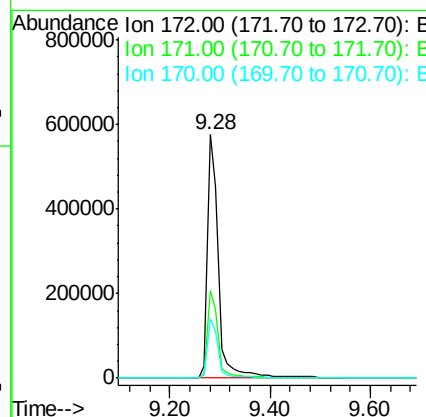
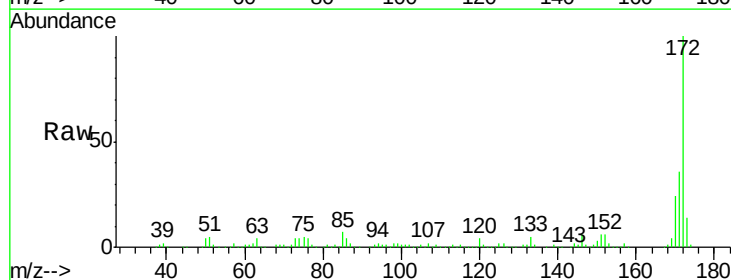
Instrument :
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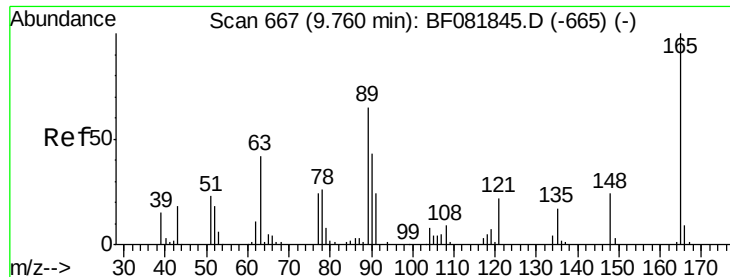
Tgt Ion:330 Resp: 229747
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.6 114.8
 141 34.4 29.7 44.5



#44
 2-Fluorobiphenyl
 Concen: 80.17 ng
 RT: 9.28 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF081888.D
 Acq: 29 Sep 2015 19:32

Tgt Ion:172 Resp: 882937
 Ion Ratio Lower Upper
 172 100
 171 36.1 26.1 39.1
 170 24.2 17.4 26.2

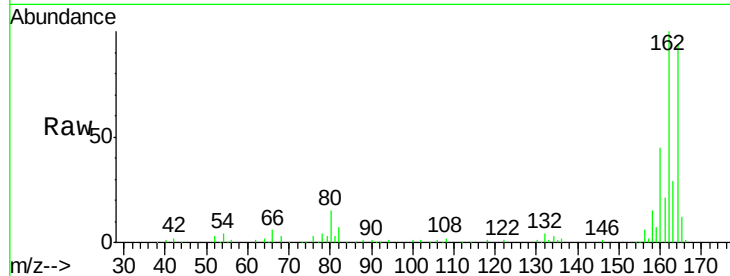




#50
 2,6-Dinitrotoluene
 Concen: 8.09 ng
 RT: 9.97 min Scan# 685
 Delta R.T. 0.21 min
 Lab File: BF081888.D
 Acq: 29 Sep 2015 19:32

Instrument :
 BNA_F
 ClientSampled :
 PB85618BL

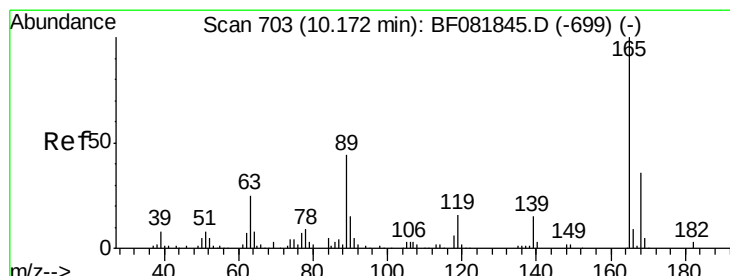
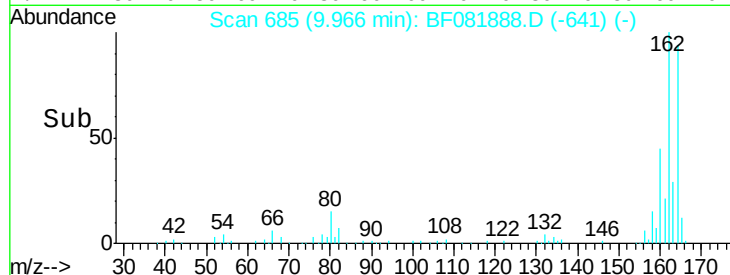
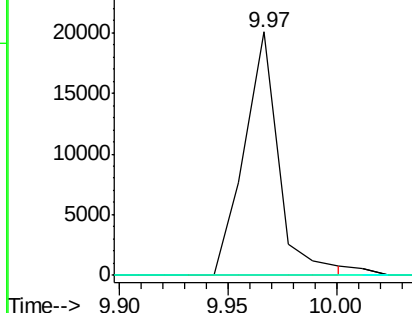
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.3	48.5#
89	0.0	28.6	43.0#



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: 6.45 ng
 RT: 9.97 min Scan# 685
 Delta R.T. -0.21 min
 Lab File: BF081888.D
 Acq: 29 Sep 2015 19:32

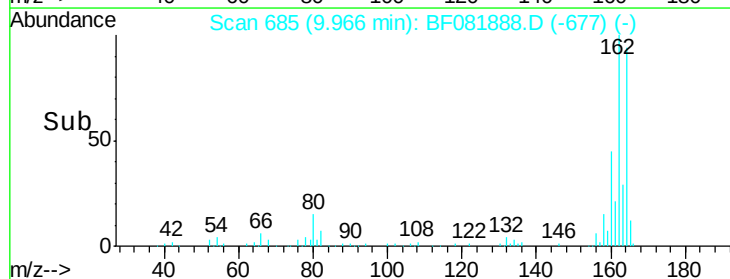
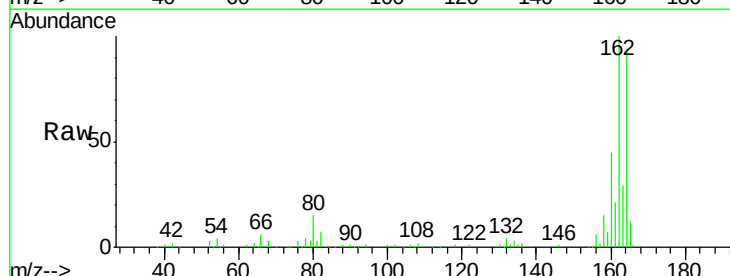
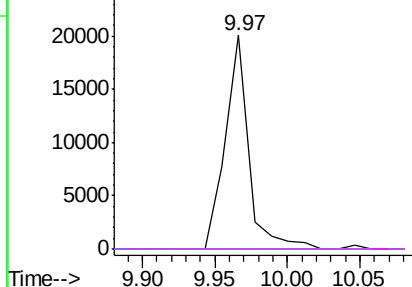
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#

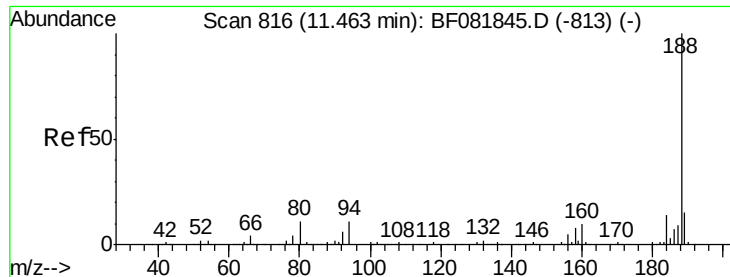
Abundance Ion 165.00 (164.70 to 165.70): E

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

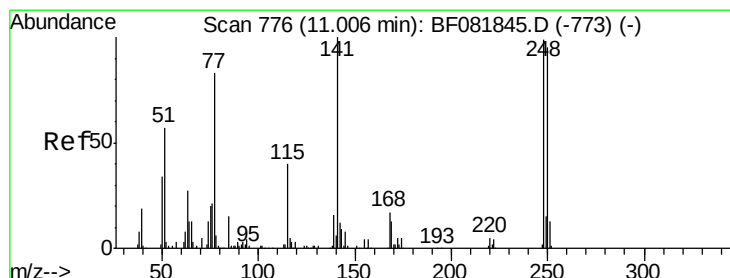
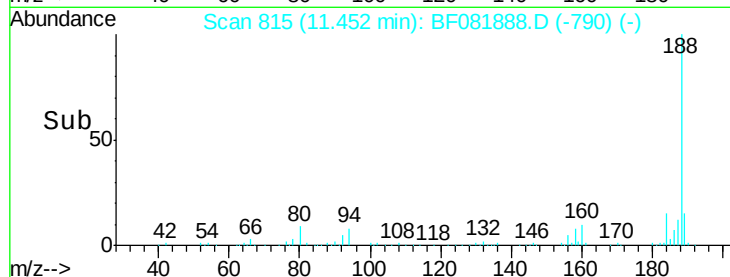
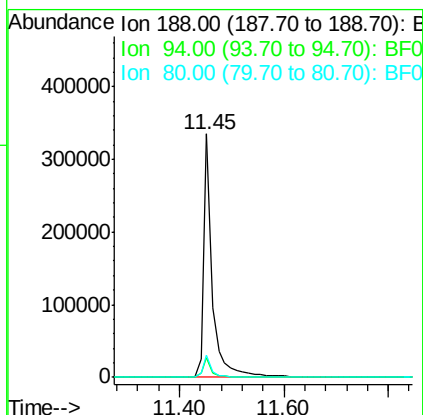
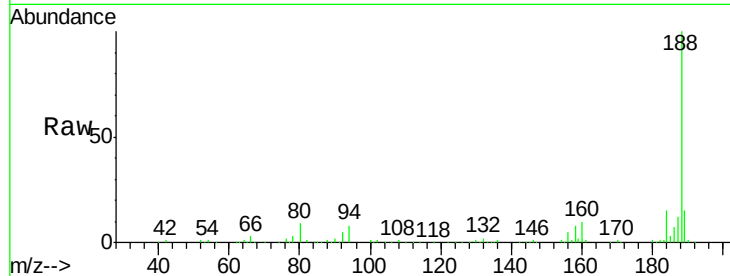




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.45 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF081888.D
 Acq: 29 Sep 2015 19:32

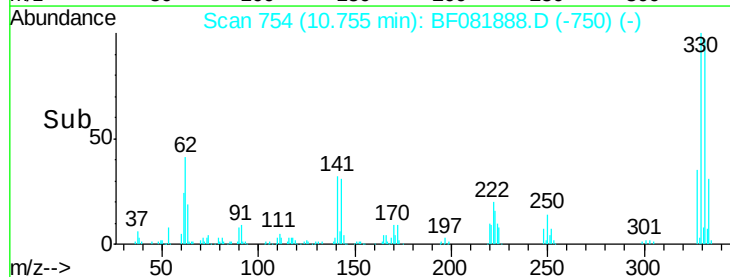
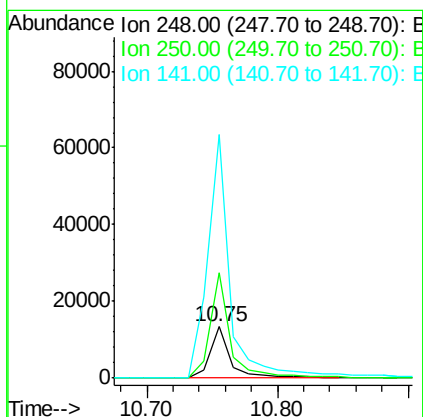
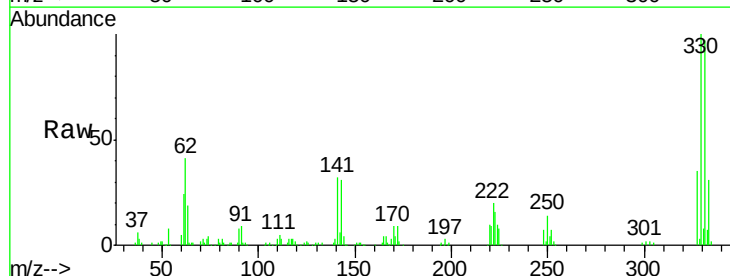
Instrument :
 BNA_F
 ClientSampleId :
 PB85618BL

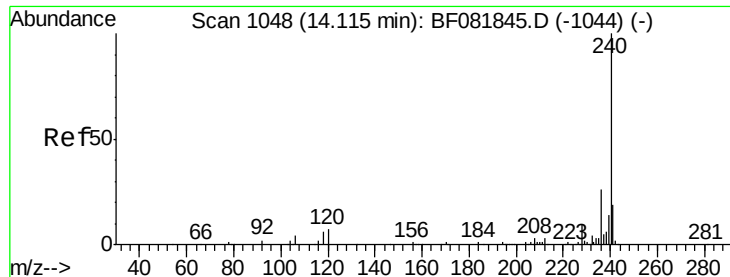
Tgt Ion:188 Resp: 392037
 Ion Ratio Lower Upper
 188 100
 94 8.2 11.1 16.7#
 80 9.0 11.0 16.4#



#66
 4-Bromophenyl-phenylether
 Concen: 3.70 ng
 RT: 10.75 min Scan# 754
 Delta R.T. -0.25 min
 Lab File: BF081888.D
 Acq: 29 Sep 2015 19:32

Tgt Ion:248 Resp: 14622
 Ion Ratio Lower Upper
 248 100
 250 205.1 78.5 117.7#
 141 472.8 59.0 88.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.09 min Scan# 1046

Delta R.T. -0.02 min

Lab File: BF081888.D

Acq: 29 Sep 2015 19:32

Instrument :

BNA_F

ClientSampleId :

PB85618BL

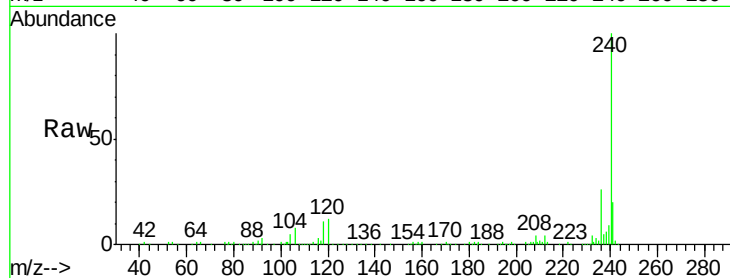
Tgt Ion:240 Resp: 444269

Ion Ratio Lower Upper

240 100

120 12.4 16.2 24.2#

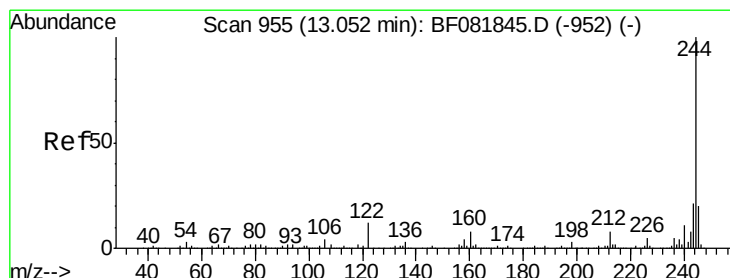
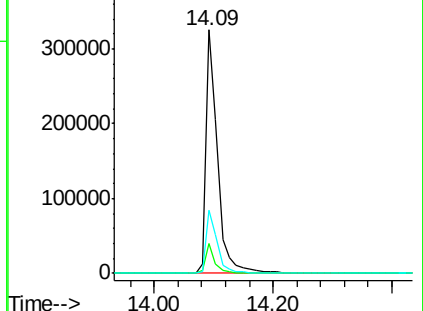
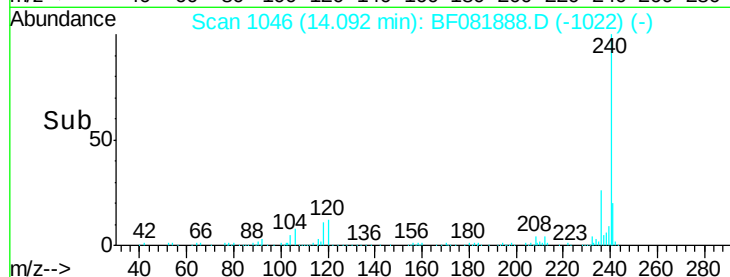
236 25.9 18.4 27.6



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: 54.99 ng

RT: 13.04 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF081888.D

Acq: 29 Sep 2015 19:32

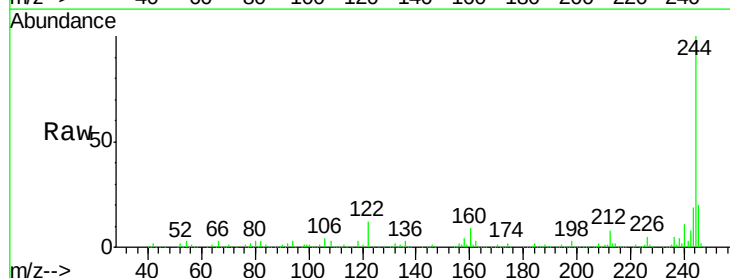
Tgt Ion:244 Resp: 834423

Ion Ratio Lower Upper

244 100

212 8.0 4.3 6.5#

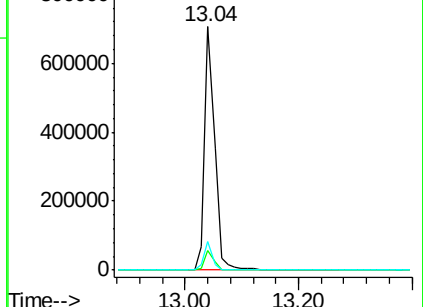
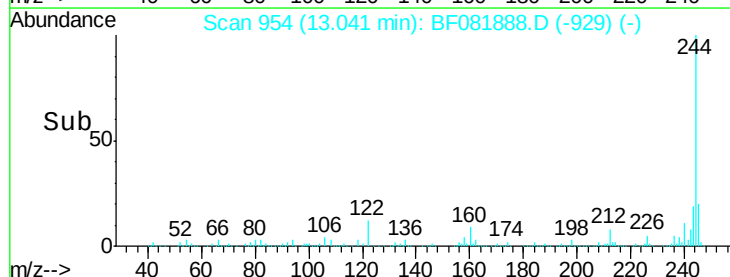
122 12.0 17.4 26.2#

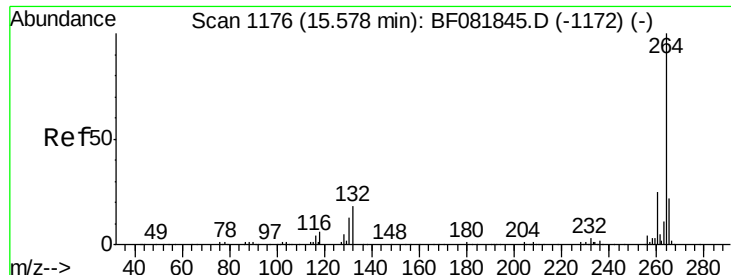


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

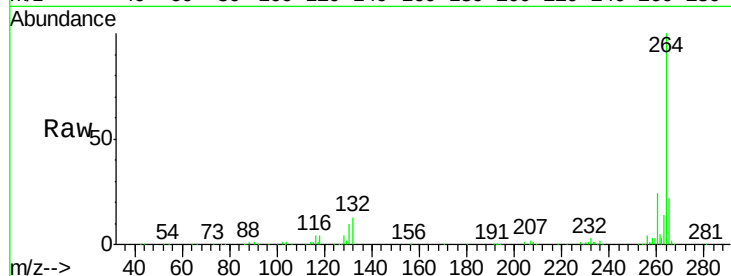




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF081888.D
Acq: 29 Sep 2015 19:32

Instrument :
BNA_F
ClientSampleId :
PB85618BL

Tgt Ion: 264 Resp: 336914
Ion Ratio Lower Upper
264 100
260 24.3 16.7 25.1
265 21.5 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

