

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092915\
 Data File : BF081880.D
 Acq On : 29 Sep 2015 15:24
 Operator : UM/IZ
 Sample : PB85668BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85668BL

Quant Time: Sep 30 00:38:45 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

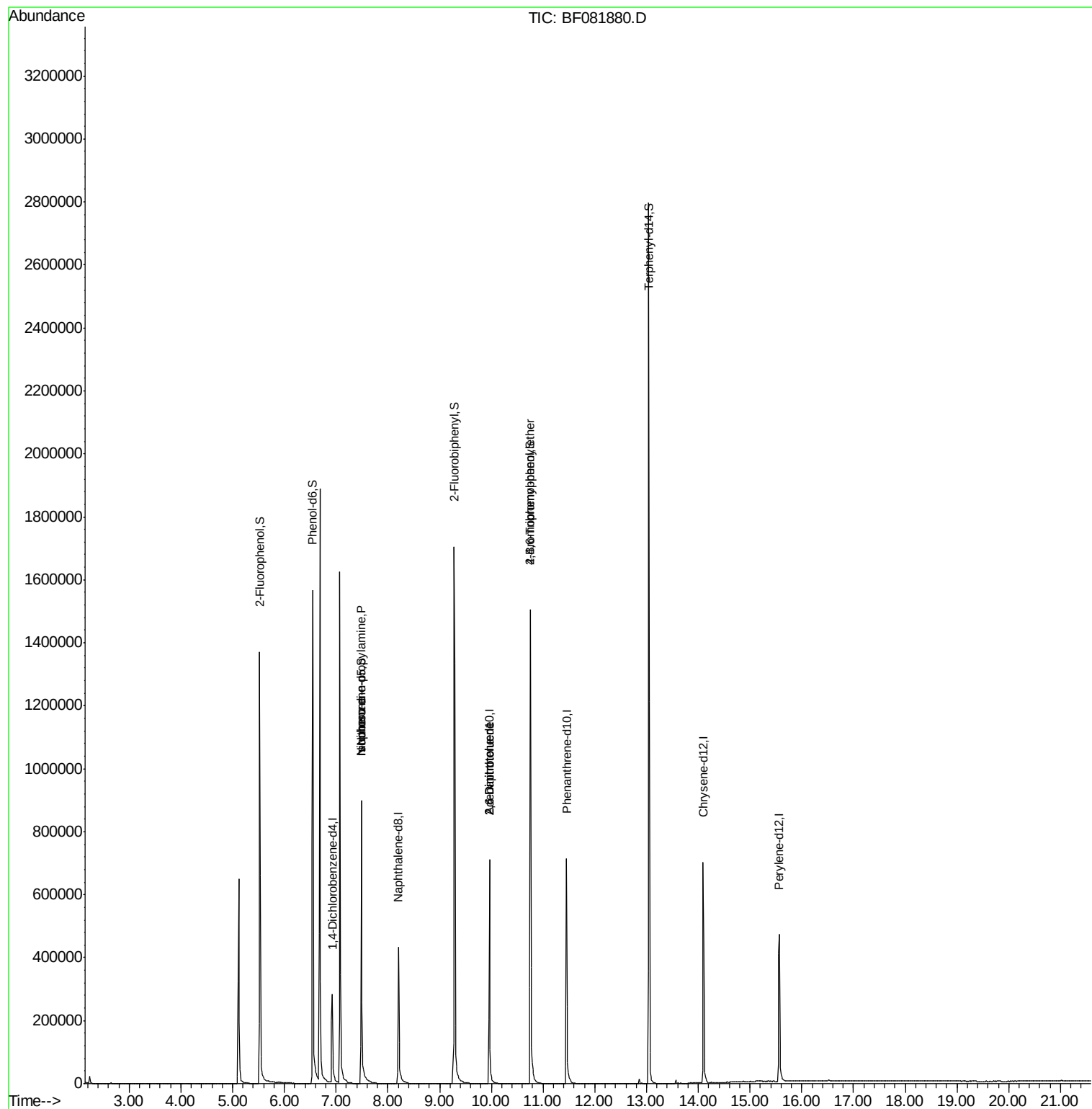
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	81159	20.00	ng	-0.01
21) Naphthalene-d8	8.21	136	288989	20.00	ng	-0.01
38) Acenaphthene-d10	9.97	164	177501	20.00	ng	-0.01
63) Phenanthrene-d10	11.45	188	353238	20.00	ng	-0.01
75) Chrysene-d12	14.09	240	360993	20.00	ng	-0.02
86) Perylene-d12	15.57	264	318722	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	507662	113.55	ng	0.00
7) Phenol-d6	6.55	99	739427	131.44	ng	-0.01
23) Nitrobenzene-d5	7.49	82	392040	90.43	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	223215	124.17	ng	-0.01
44) 2-Fluorobiphenyl	9.28	172	916295	86.72	ng	-0.02
78) Terphenyl-d14	13.04	244	1075814	101.69	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.49	70	50394	14.74	ng	# 58
25) Isophorone	7.49	82	371182	43.20	ng	# 58
50) 2,6-Dinitrotoluene	9.97	165	20865	7.84	ng	# 40
56) 2,4-Dinitrotoluene	9.97	165	21158	6.24	ng	# 34
57) Fluorene	10.75	166	7958	Below	Cal	# 74
66) 4-Bromophenyl-phenylether	10.75	248	14686	4.12	ng	# 1
70) Phenanthrene	11.48	178	302	Below	Cal	# 62
73) Di-n-butylphthalate	12.01	149	444	Below	Cal	# 78

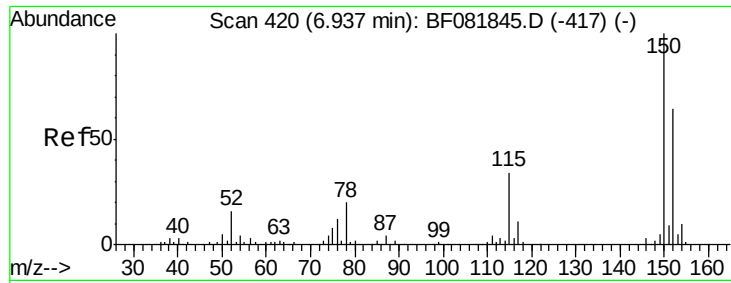
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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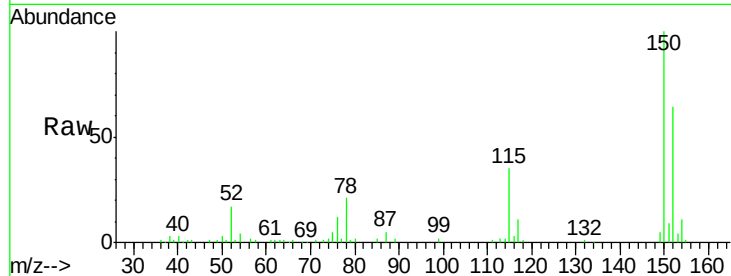


#1

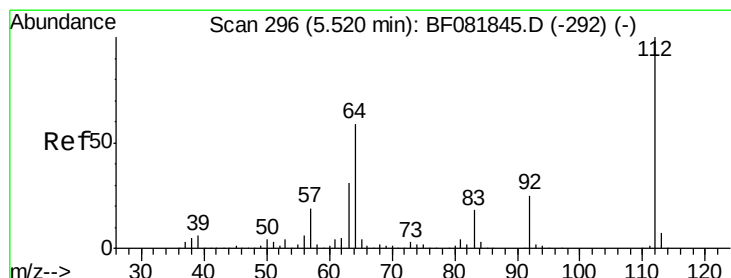
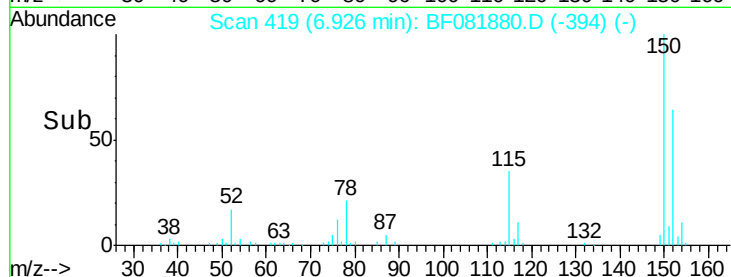
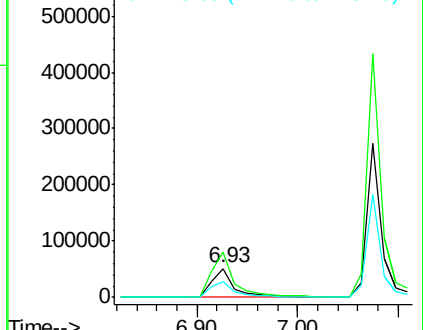
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.93 min Scan# 419
 Delta R.T. -0.01 min
 Lab File: BF081880.D
 Acq: 29 Sep 2015 15:24

Instrument :
 BNA_F
 ClientSampleId :
 PB85668BL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.7	187.1
115	54.2	39.0	58.4



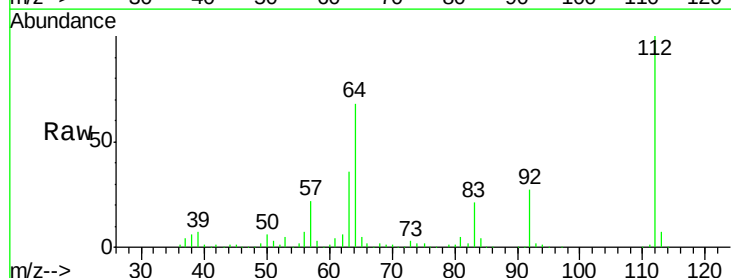
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



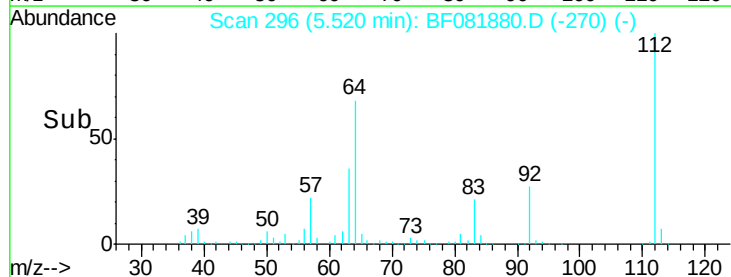
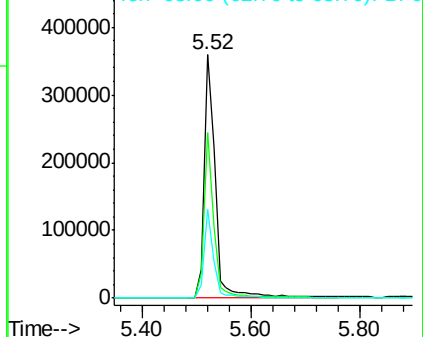
#5

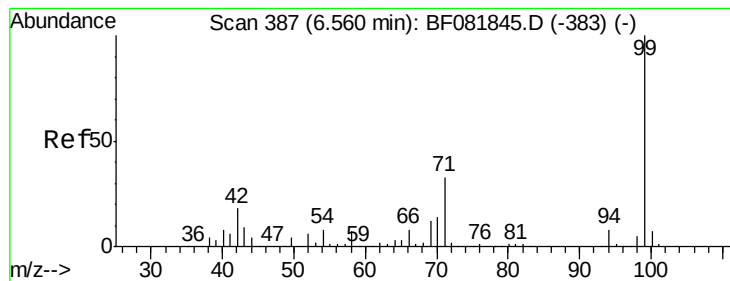
2-Fluorophenol
 Concen: 113.55 ng
 RT: 5.52 min Scan# 296
 Delta R.T. 0.00 min
 Lab File: BF081880.D
 Acq: 29 Sep 2015 15:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.8	39.7	59.5#
63	36.2	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: 131.44 ng

RT: 6.55 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF081880.D

Acq: 29 Sep 2015 15:24

Instrument :

BNA_F

ClientSampleId :

PB85668BL

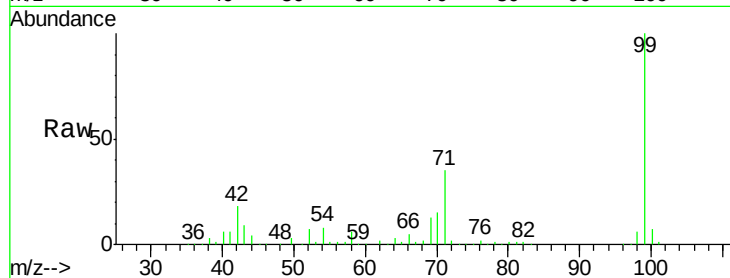
Tgt Ion: 99 Resp: 739427

Ion Ratio Lower Upper

99 100

42 17.7 13.7 20.5

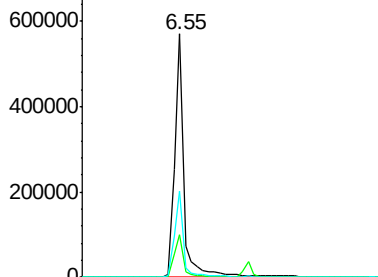
71 35.2 14.2 21.2#



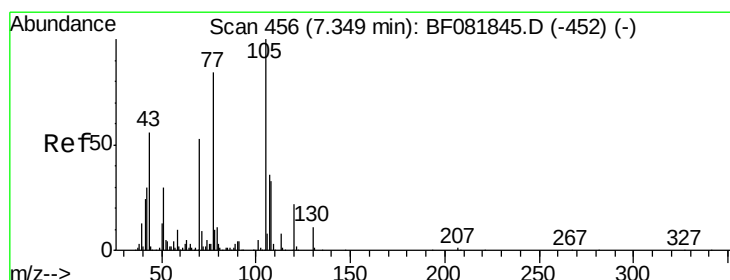
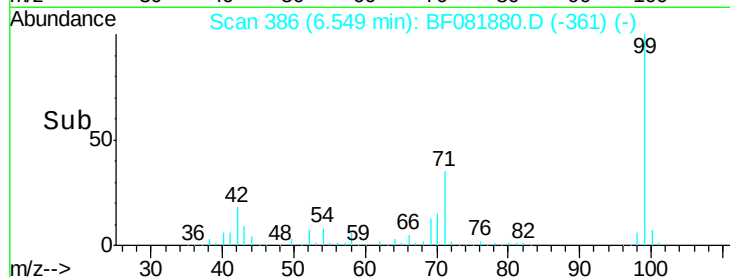
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 14.74 ng

RT: 7.49 min Scan# 468

Delta R.T. 0.14 min

Lab File: BF081880.D

Acq: 29 Sep 2015 15:24

Tgt Ion: 70 Resp: 50394

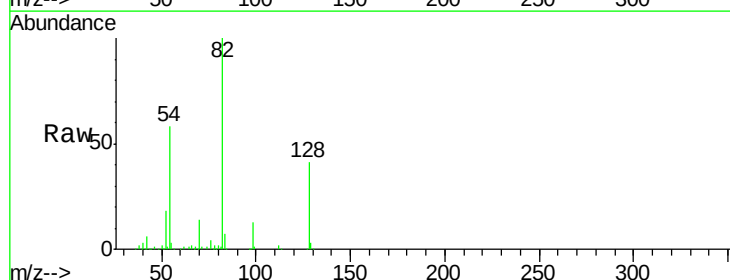
Ion Ratio Lower Upper

70 100

42 46.9 63.8 95.6#

101 0.0 9.2 13.8#

130 2.1 27.3 40.9#

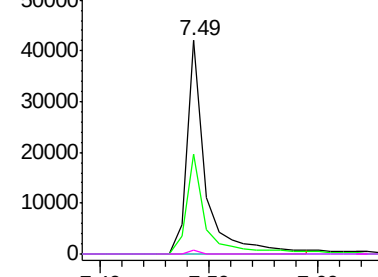


Abundance Ion 70.00 (69.70 to 70.70): BF0

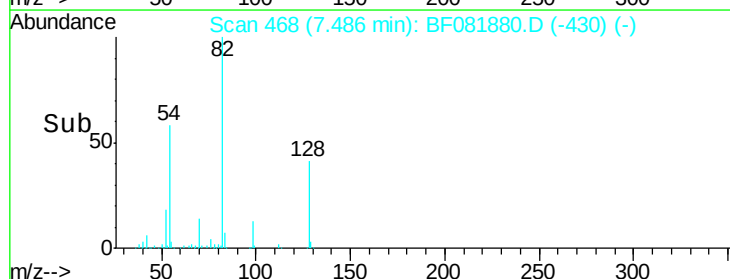
Ion 42.00 (41.70 to 42.70): BF0

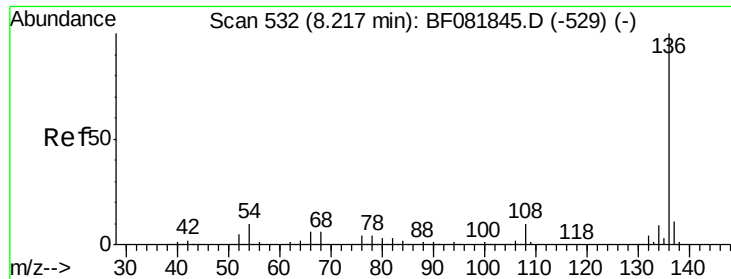
Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



Time-->

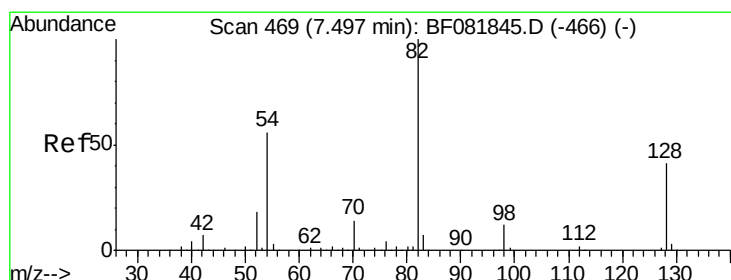
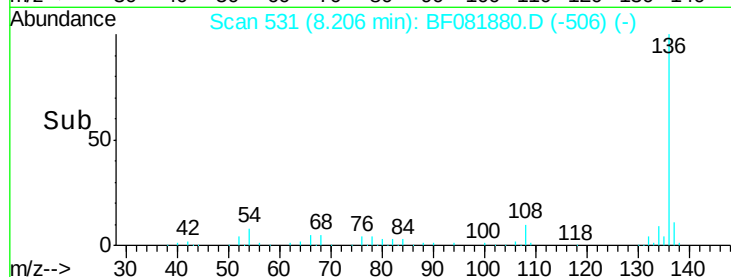
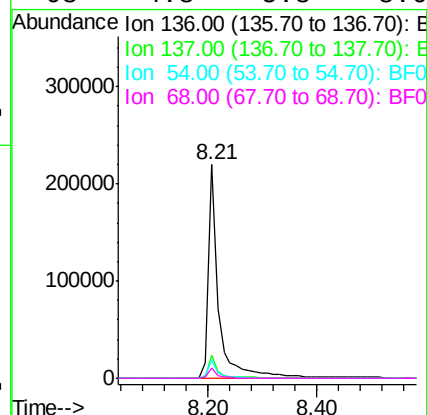
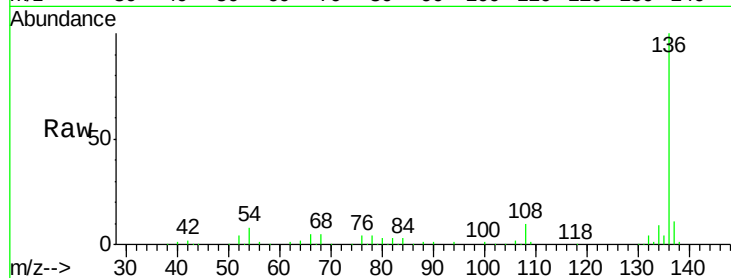




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF081880.D
Acq: 29 Sep 2015 15:24

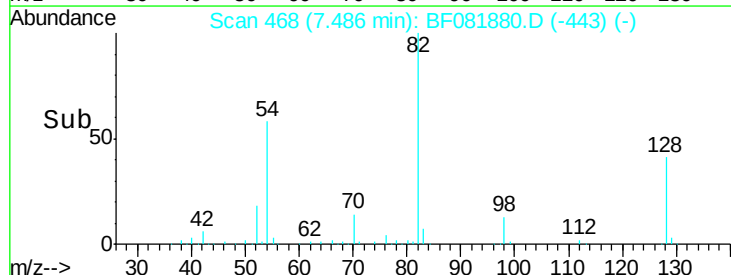
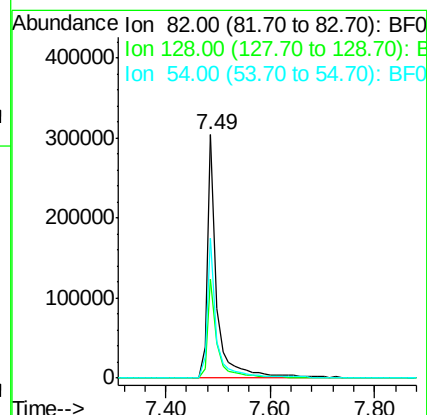
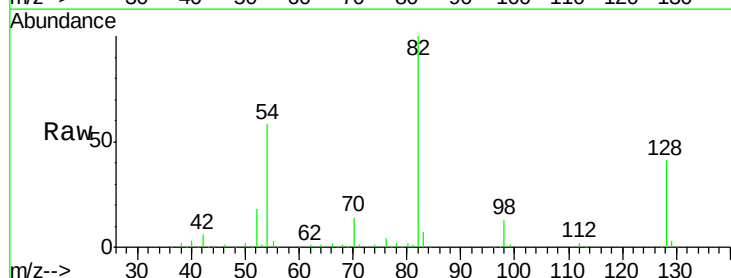
Instrument :
BNA_F
ClientSampleId :
PB85668BL

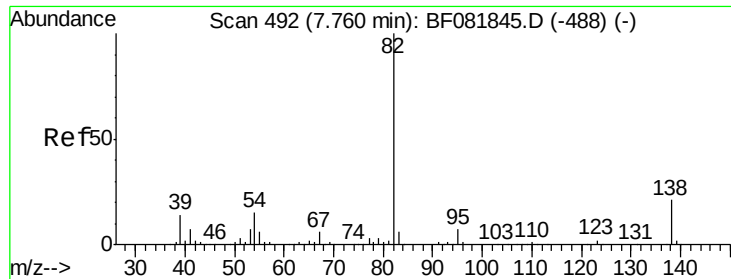
Tgt Ion:	136	Resp:	288989
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.0	13.6
54	8.3	8.2	12.2
68	4.8	5.8	8.6#



#23
Nitrobenzene-d5
Concen: 90.43 ng
RT: 7.49 min Scan# 468
Delta R.T. -0.01 min
Lab File: BF081880.D
Acq: 29 Sep 2015 15:24

Tgt Ion:	82	Resp:	392040
Ion Ratio	Lower	Upper	
82	100		
128	40.8	51.0	76.6#
54	57.7	47.5	71.3





#25

Isophorone

Concen: 43.20 ng

RT: 7.49 min Scan# 468

Delta R.T. -0.27 min

Lab File: BF081880.D

Acq: 29 Sep 2015 15:24

Instrument :

BNA_F

ClientSampleId :

PB85668BL

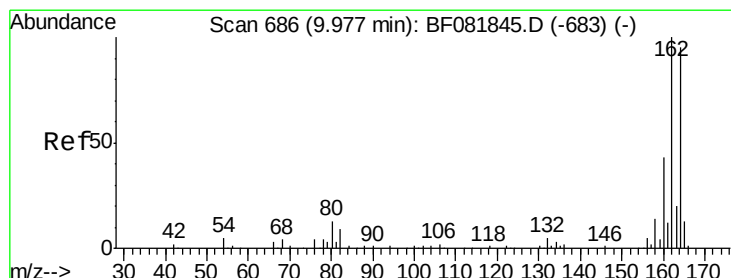
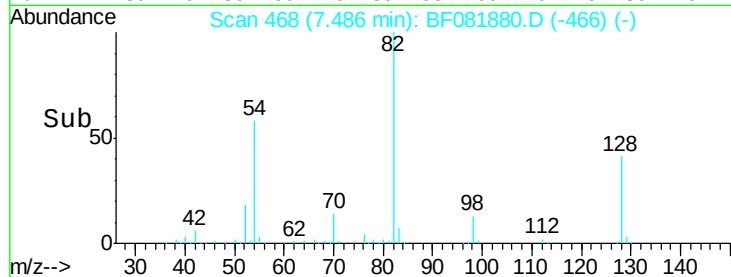
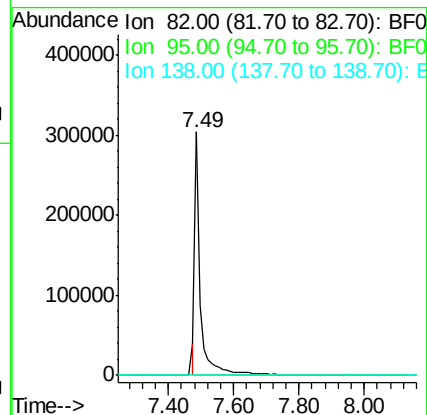
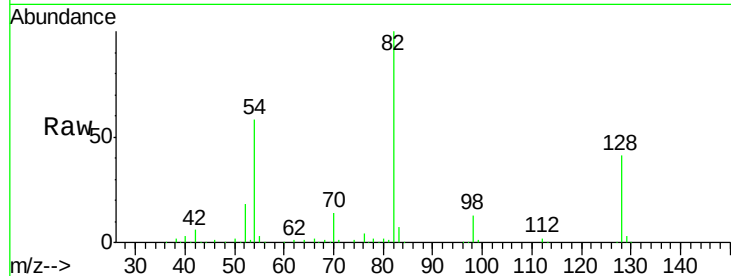
Tgt Ion: 82 Resp: 371182

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

138 0.0 18.3 27.5#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.97 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF081880.D

Acq: 29 Sep 2015 15:24

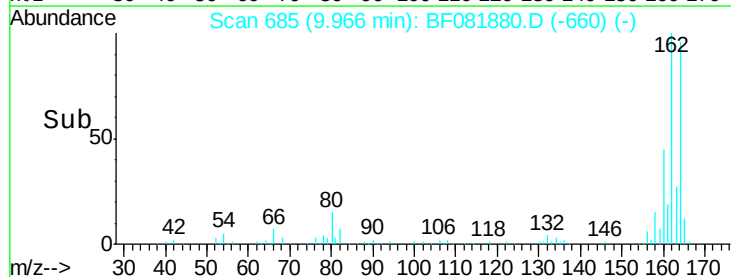
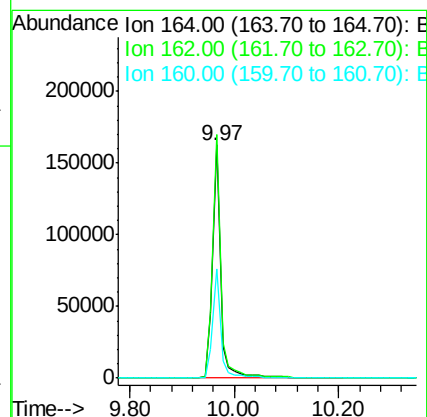
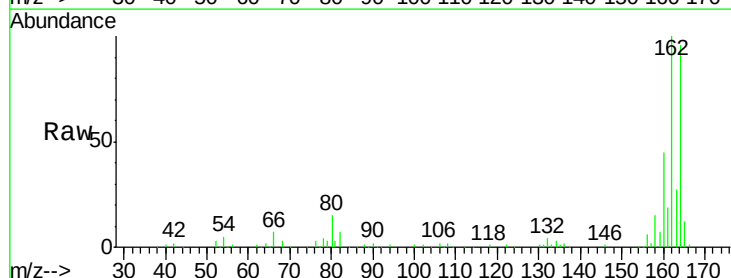
Tgt Ion: 164 Resp: 177501

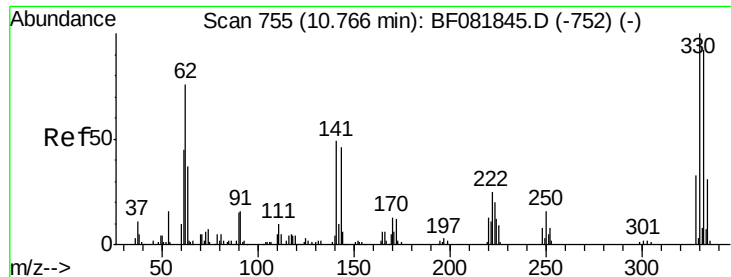
Ion Ratio Lower Upper

164 100

162 104.5 75.2 112.8

160 46.9 31.5 47.3

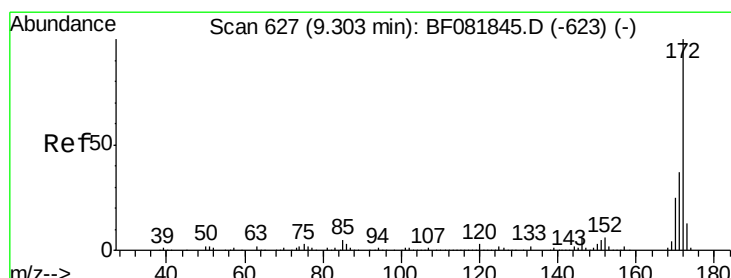
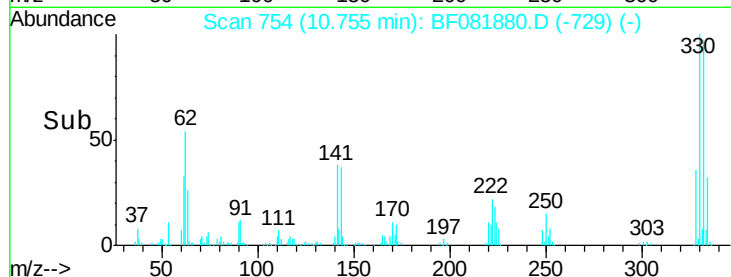
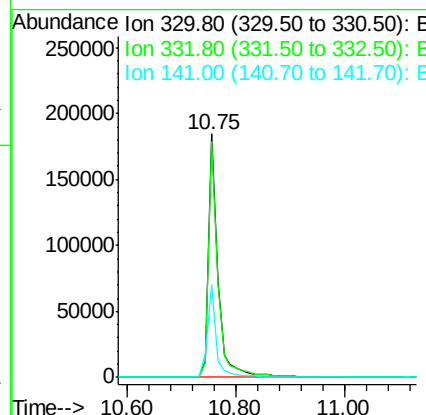
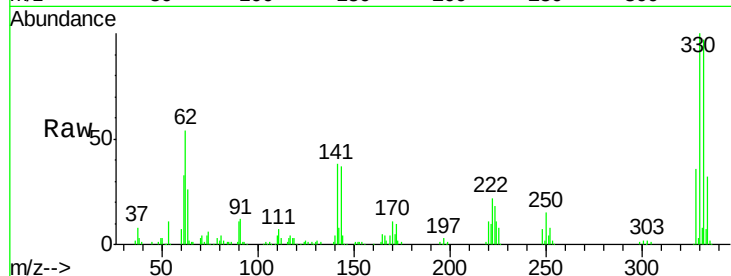




#41
 2,4,6-Tribromophenol
 Concen: 124.17 ng
 RT: 10.75 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF081880.D
 Acq: 29 Sep 2015 15:24

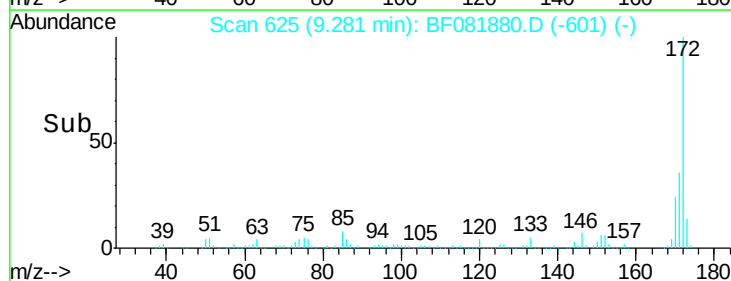
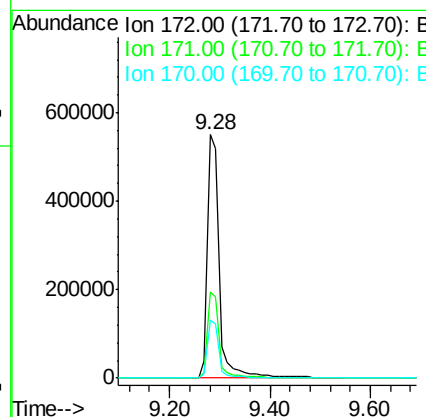
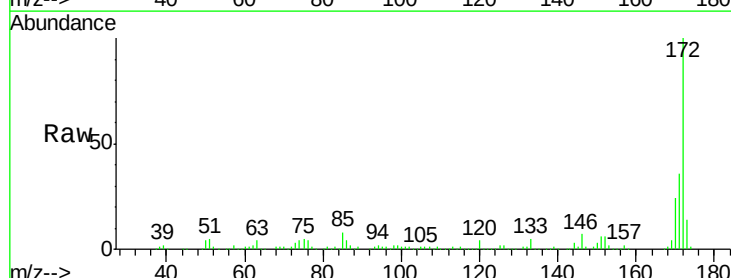
Instrument :
 BNA_F
 ClientSampleID :
 PB85668BL

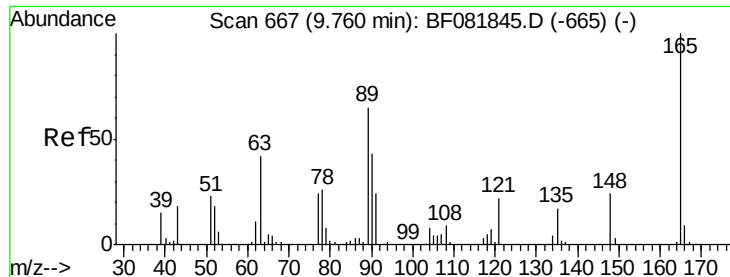
Tgt Ion:330 Resp: 223215
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 114.8
 141 35.7 29.7 44.5



#44
 2-Fluorobiphenyl
 Concen: 86.72 ng
 RT: 9.28 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF081880.D
 Acq: 29 Sep 2015 15:24

Tgt Ion:172 Resp: 916295
 Ion Ratio Lower Upper
 172 100
 171 35.6 26.1 39.1
 170 23.8 17.4 26.2

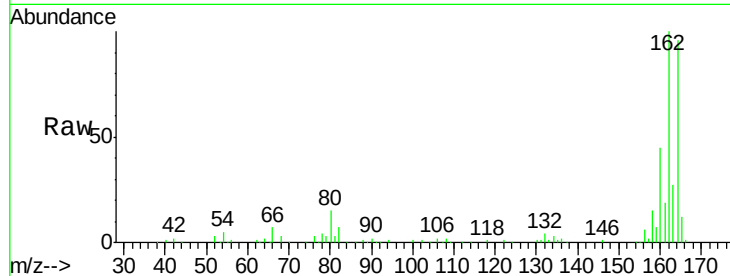




#50
 2,6-Dinitrotoluene
 Concen: 7.84 ng
 RT: 9.97 min Scan# 685
 Delta R.T. 0.21 min
 Lab File: BF081880.D
 Acq: 29 Sep 2015 15:24

Instrument :
 BNA_F
 ClientSampled :
 PB85668BL

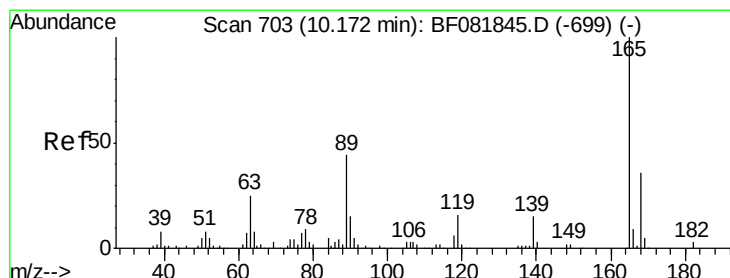
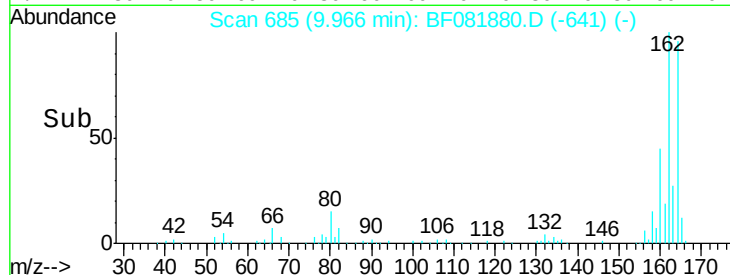
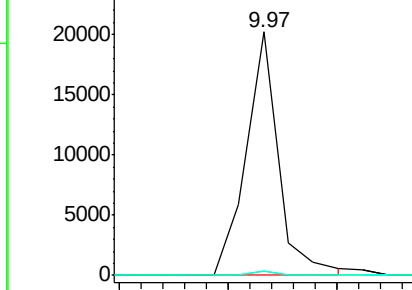
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	32.3	48.5#
89	2.0	28.6	43.0#



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: 6.24 ng
 RT: 9.97 min Scan# 685
 Delta R.T. -0.21 min
 Lab File: BF081880.D
 Acq: 29 Sep 2015 15:24

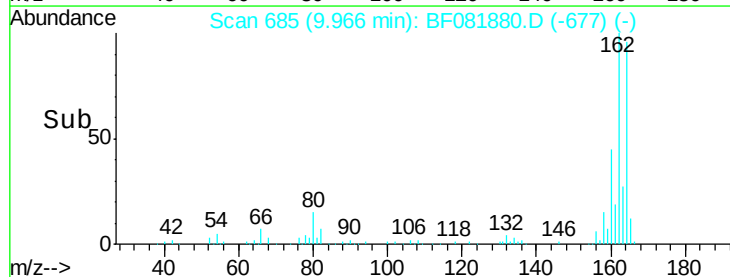
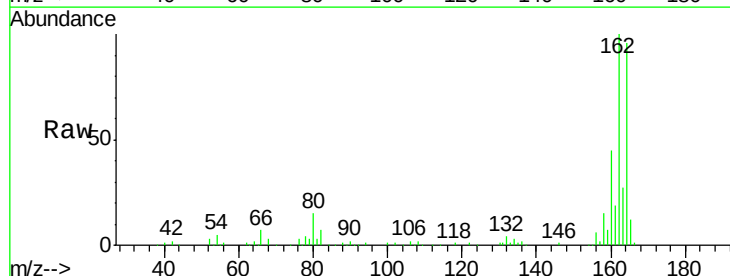
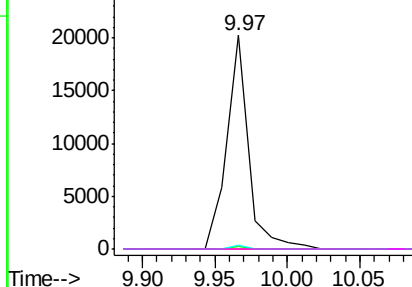
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	29.8	44.6#
89	2.0	44.5	66.7#
182	0.0	3.0	4.4#

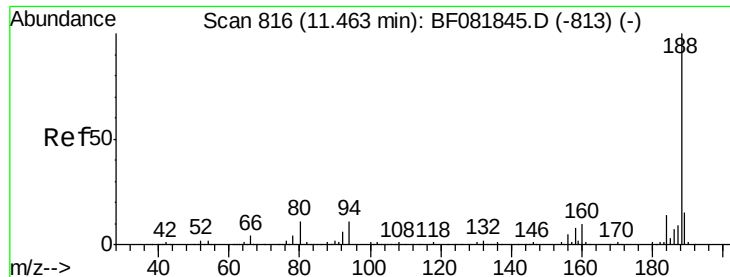
Abundance Ion 165.00 (164.70 to 165.70): E

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

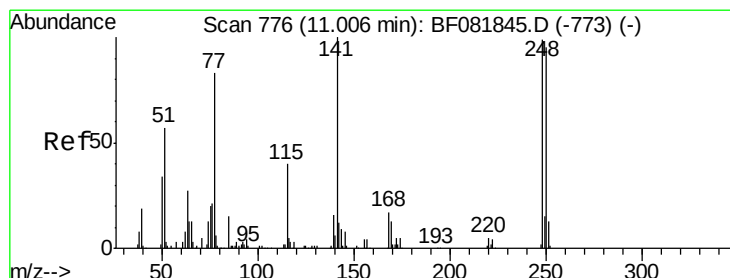
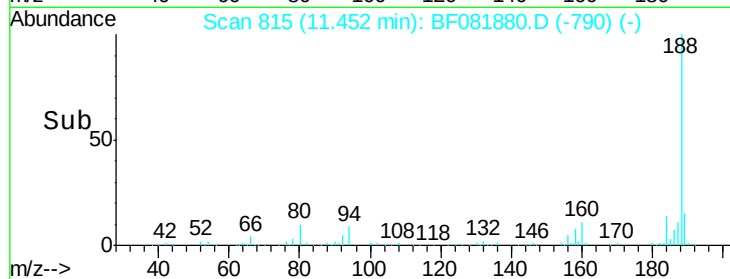
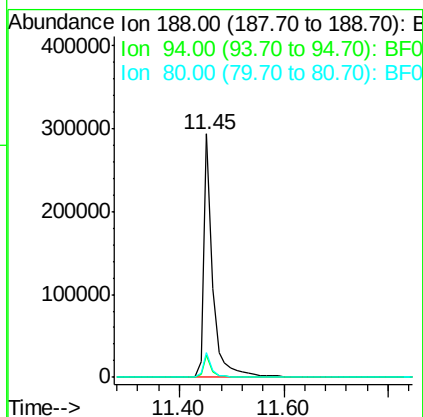
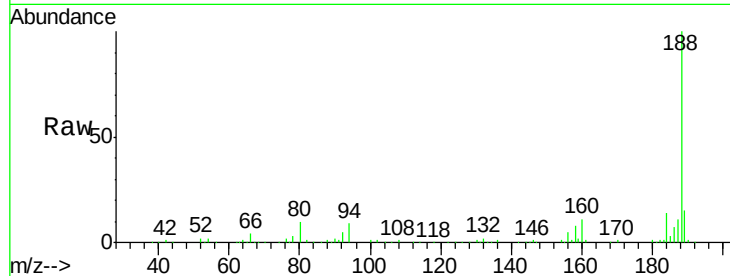




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.45 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF081880.D
 Acq: 29 Sep 2015 15:24

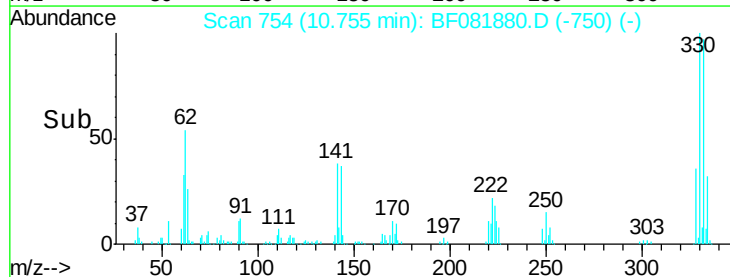
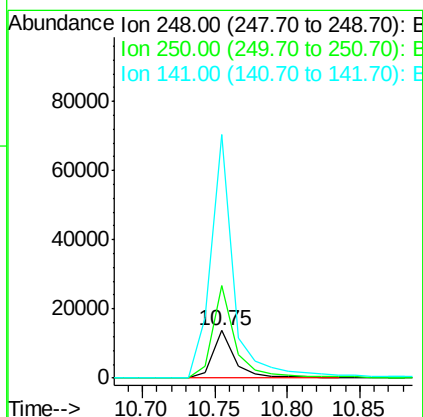
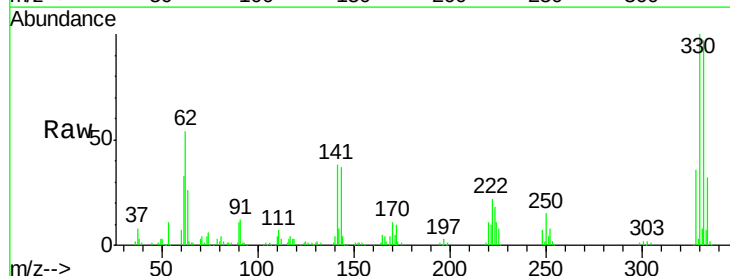
Instrument :
 BNA_F
 ClientSampleId :
 PB85668BL

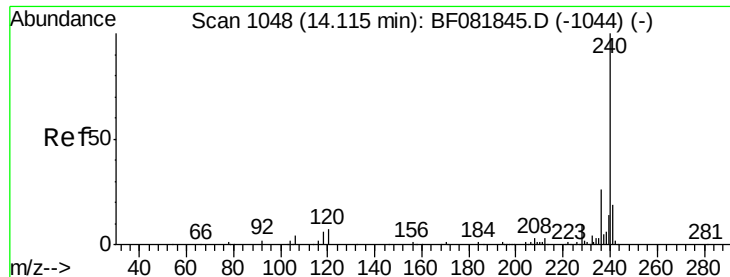
Tgt Ion:188 Resp: 353238
 Ion Ratio Lower Upper
 188 100
 94 9.2 11.1 16.7#
 80 10.0 11.0 16.4#



#66
 4-Bromophenyl-phenylether
 Concen: 4.12 ng
 RT: 10.75 min Scan# 754
 Delta R.T. -0.25 min
 Lab File: BF081880.D
 Acq: 29 Sep 2015 15:24

Tgt Ion:248 Resp: 14686
 Ion Ratio Lower Upper
 248 100
 250 194.0 78.5 117.7#
 141 510.0 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: BF081880.D

Acq: 29 Sep 2015 15:24

Instrument :

BNA_F

ClientSampleId :

PB85668BL

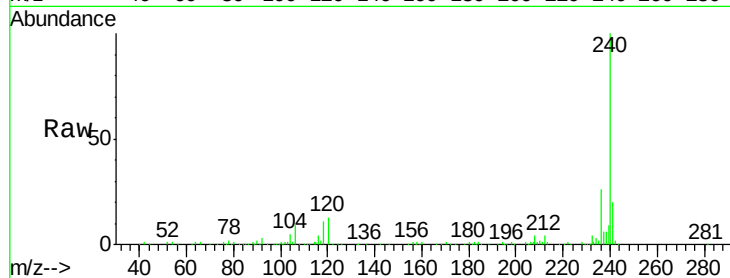
Tgt Ion:240 Resp: 360993

Ion Ratio Lower Upper

240 100

120 12.8 16.2 24.2#

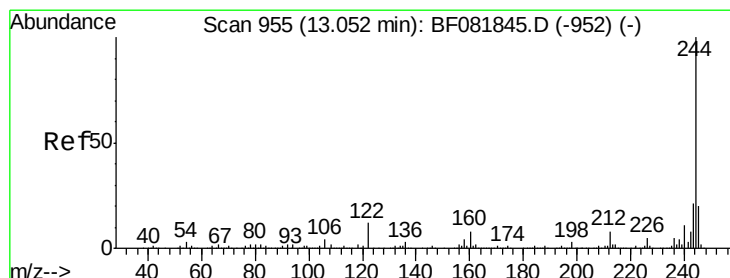
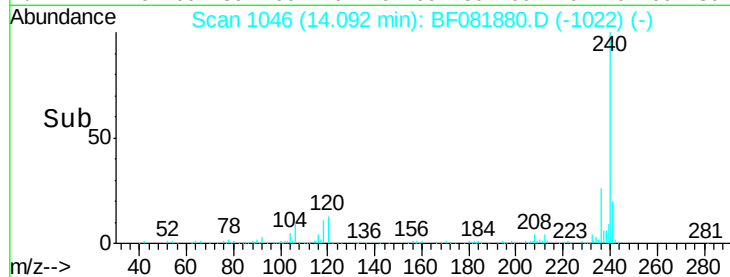
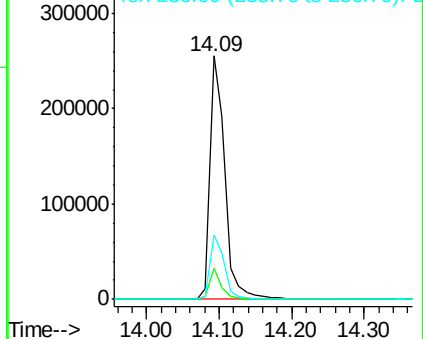
236 26.4 18.4 27.6



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: 101.69 ng

RT: 13.04 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF081880.D

Acq: 29 Sep 2015 15:24

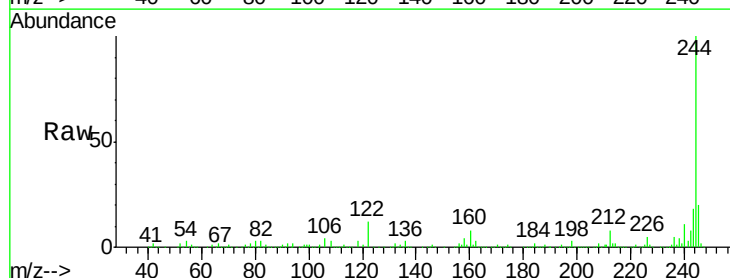
Tgt Ion:244 Resp: 1075814

Ion Ratio Lower Upper

244 100

212 8.1 4.3 6.5#

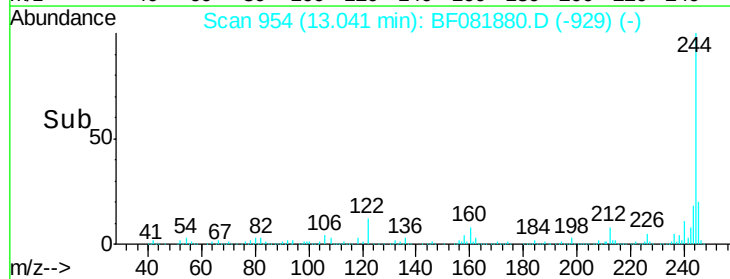
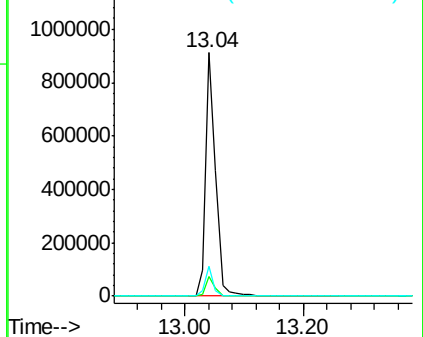
122 12.3 17.4 26.2#

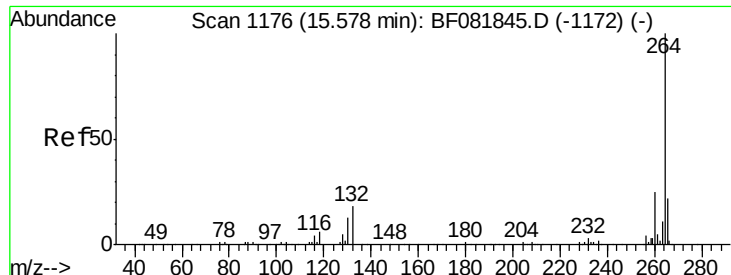


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

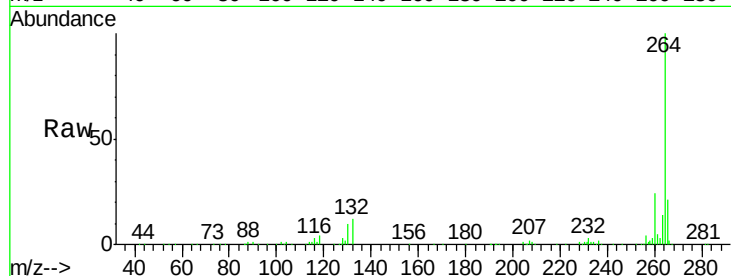




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF081880.D
Acq: 29 Sep 2015 15:24

Instrument :
BNA_F
ClientSampleId :
PB85668BL

Tgt Ion: 264 Resp: 318722
Ion Ratio Lower Upper
264 100
260 23.5 16.7 25.1
265 21.2 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

