

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
 Data File : BF082631.D
 Acq On : 31 Oct 2015 19:56
 Operator : UM/IZ
 Sample : PB86353BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86353BL

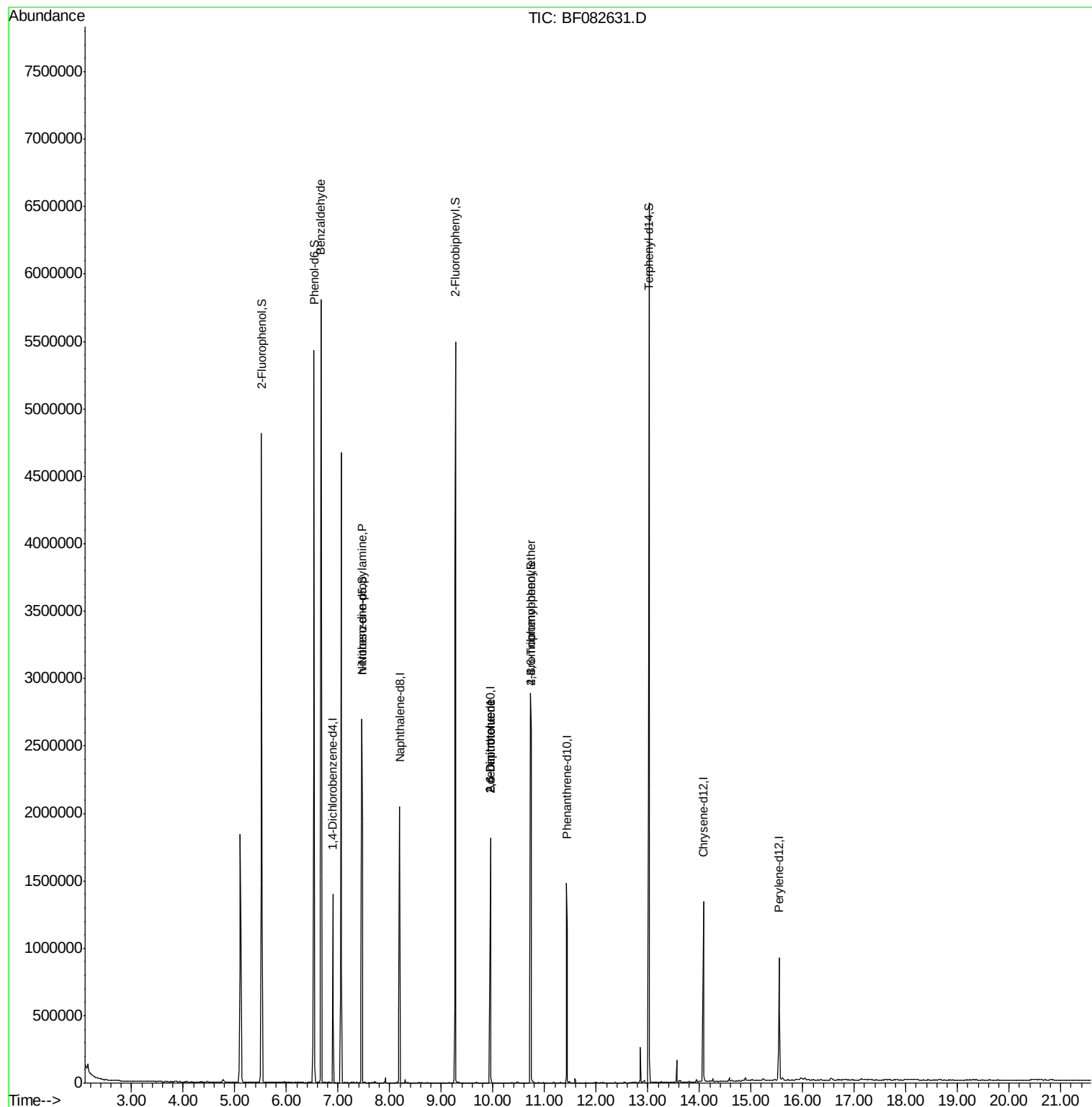
Quant Time: Nov 02 00:37:38 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 31 00:17:39 2015
 Response via : Initial Calibration

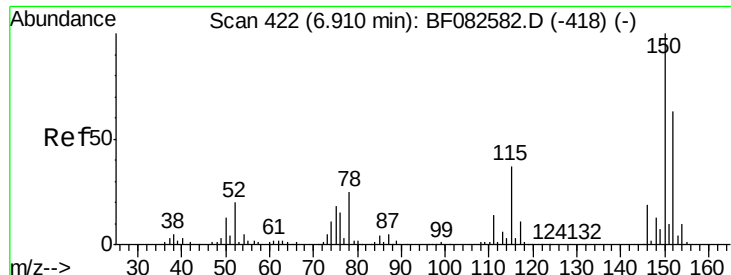
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	205404	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	832997	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	409107	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	727270	20.00	ng	-0.01
75) Chrysene-d12	14.08	240	534447	20.00	ng	0.00
86) Perylene-d12	15.54	264	464292	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1336074	97.97	ng	0.01
7) Phenol-d6	6.53	99	1795749	99.12	ng	0.00
23) Nitrobenzene-d5	7.46	82	1280891	62.79	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	507430	113.33	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	2217629	76.96	ng	0.00
78) Terphenyl-d14	13.03	244	1899811	77.79	ng	0.00
Target Compounds						
9) Benzaldehyde	6.67	77	42910	3.47	ng	Qvalue 82
19) n-Nitroso-di-n-propylamine	7.46	70	173344	12.62	ng	# 76
50) 2,6-Dinitrotoluene	9.95	165	52968	7.65	ng	# 17
56) 2,4-Dinitrotoluene	9.95	165	52958	5.65	ng	# 16
66) 4-Bromophenyl-phenylether	10.74	248	33811	4.10	ng	# 1

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

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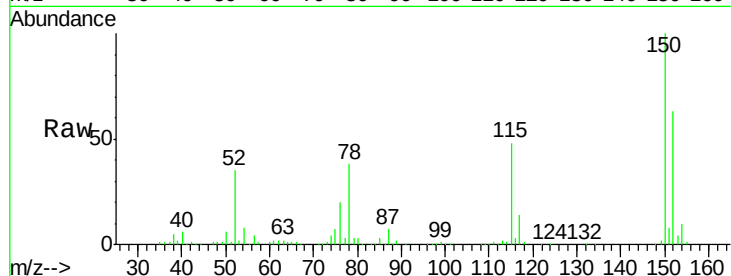


#1

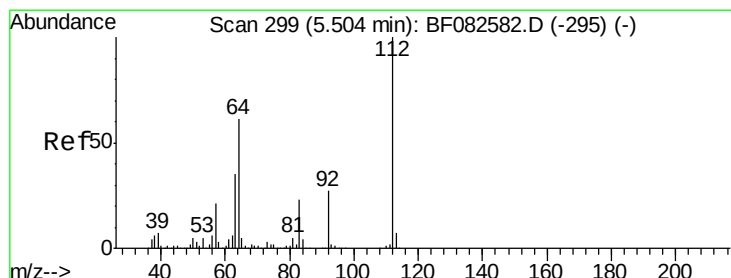
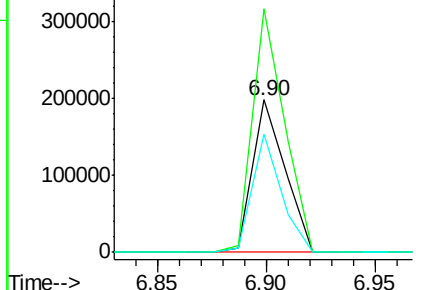
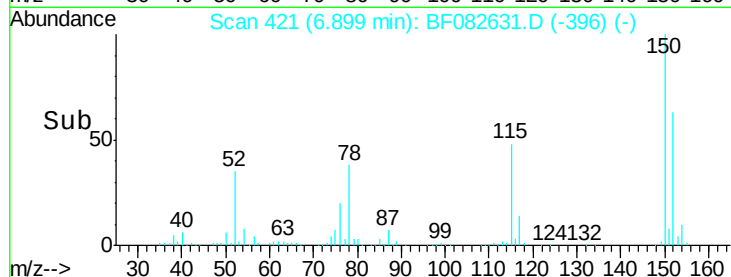
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.01 min
Lab File: BF082631.D
Acq: 31 Oct 2015 19:56

Instrument :
BNA_F
ClientSampleId :
PB86353BL

Tgt Ion:152 Resp: 205404
Ion Ratio Lower Upper
152 100
150 159.6 127.0 190.4
115 77.2 47.0 70.6#



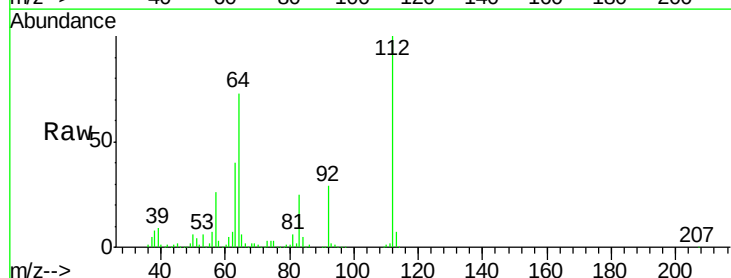
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



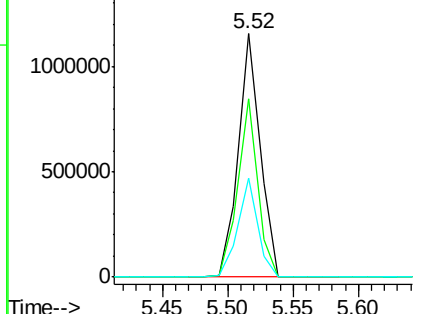
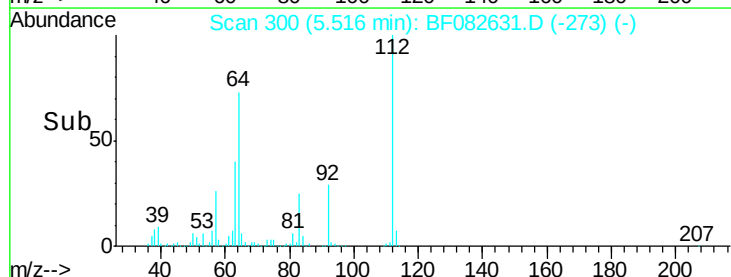
#5

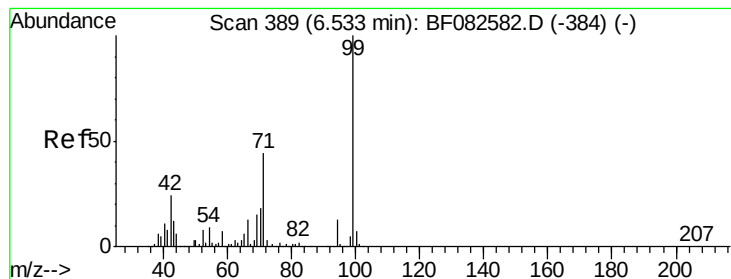
2-Fluorophenol
Concen: 97.97 ng
RT: 5.52 min Scan# 300
Delta R.T. 0.01 min
Lab File: BF082631.D
Acq: 31 Oct 2015 19:56

Tgt Ion:112 Resp: 1336074
Ion Ratio Lower Upper
112 100
64 73.3 48.9 73.3#
63 40.4 28.1 42.1



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: 99.12 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF082631.D

Acq: 31 Oct 2015 19:56

Instrument :

BNA_F

ClientSampleId :

PB86353BL

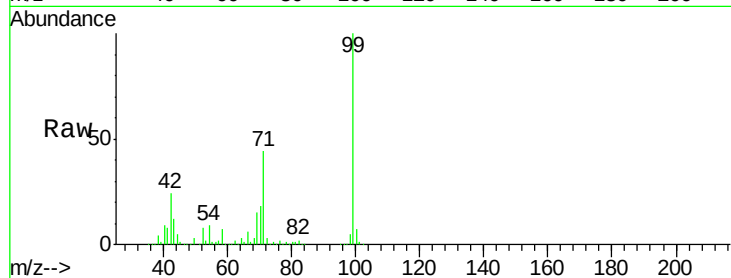
Tgt Ion: 99 Resp: 1795749

Ion Ratio Lower Upper

99 100

42 23.5 19.2 28.8

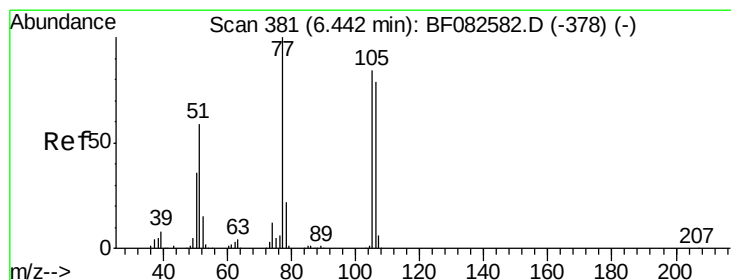
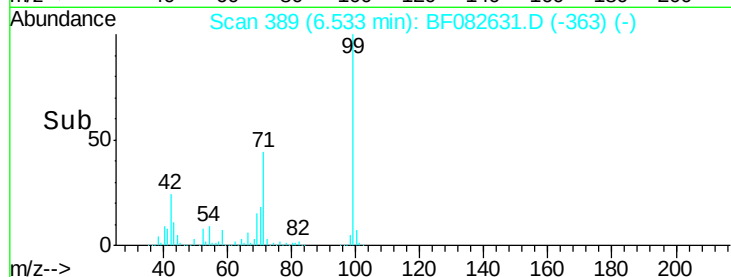
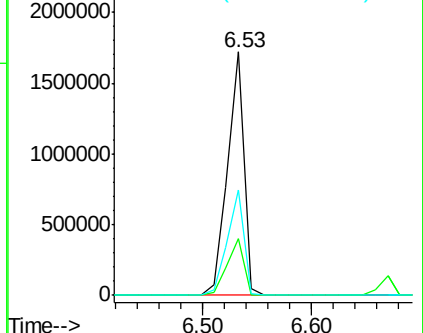
71 43.5 35.0 52.4



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: 3.47 ng

RT: 6.67 min Scan# 401

Delta R.T. 0.23 min

Lab File: BF082631.D

Acq: 31 Oct 2015 19:56

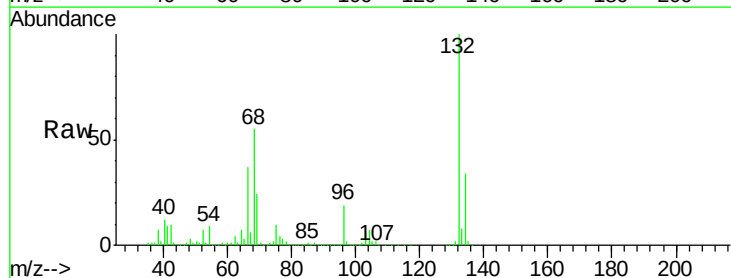
Tgt Ion: 77 Resp: 42910

Ion Ratio Lower Upper

77 100

105 70.3 63.5 103.5

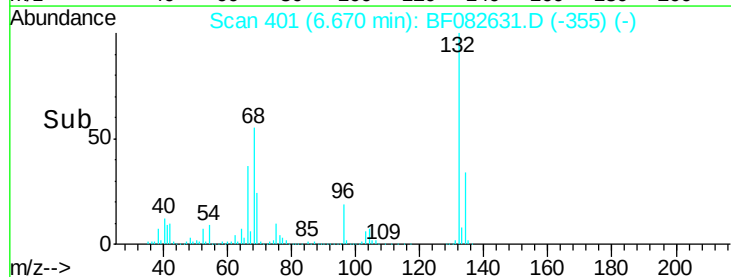
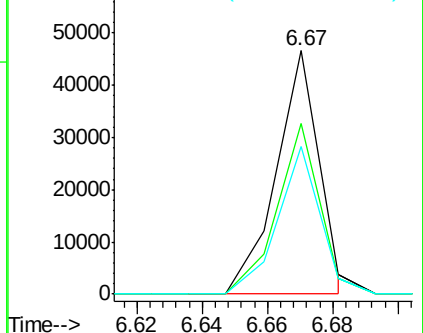
106 60.8 59.3 99.3

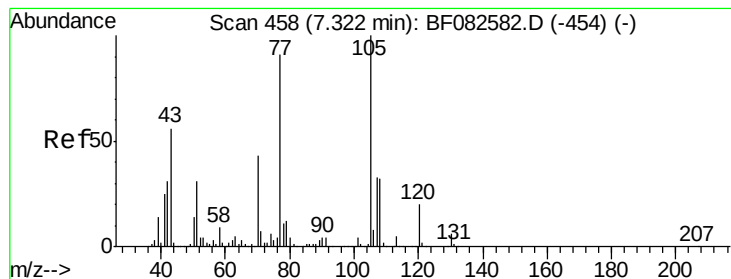


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 12.62 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.14 min

Lab File: BF082631.D

Acq: 31 Oct 2015 19:56

Instrument :

BNA_F

ClientSampleId :

PB86353BL

Tgt Ion: 70 Resp: 173344

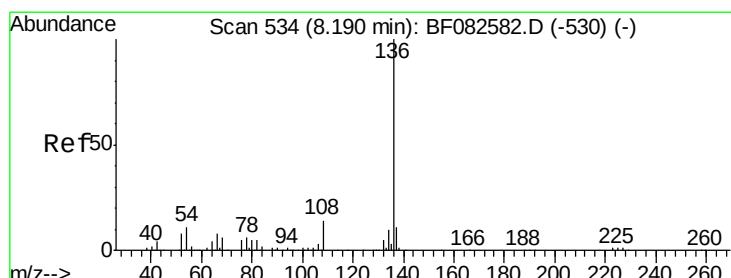
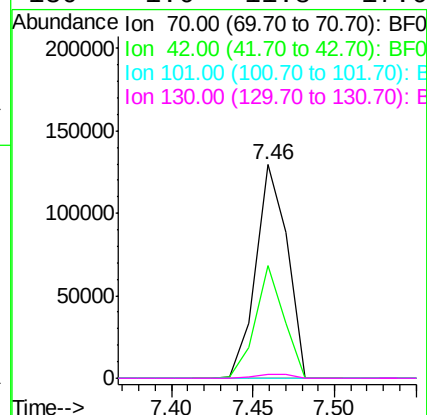
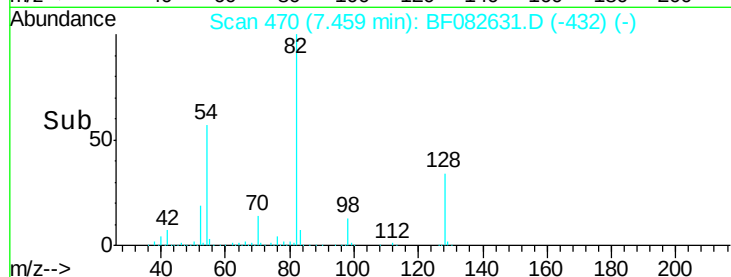
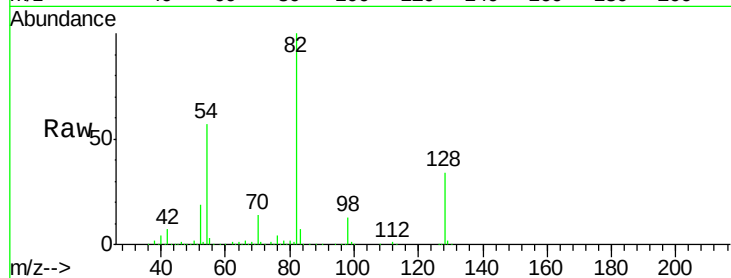
Ion Ratio Lower Upper

70 100

42 53.0 57.7 86.5#

101 0.0 7.0 10.6#

130 1.6 11.8 17.6#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF082631.D

Acq: 31 Oct 2015 19:56

Tgt Ion: 136 Resp: 832997

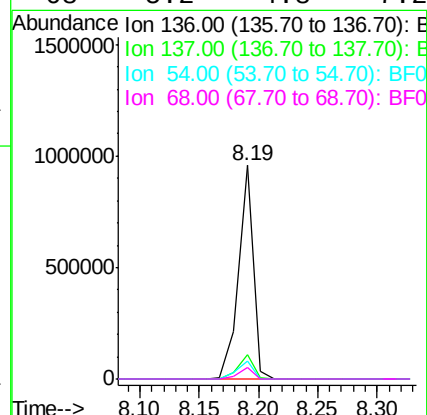
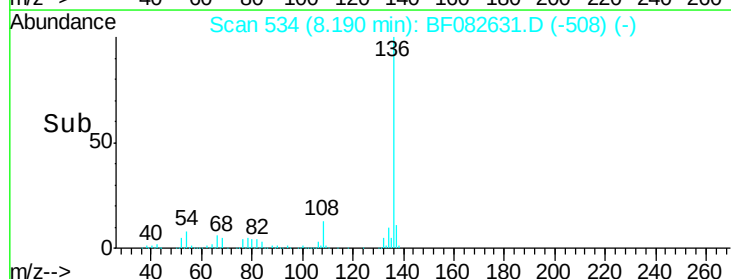
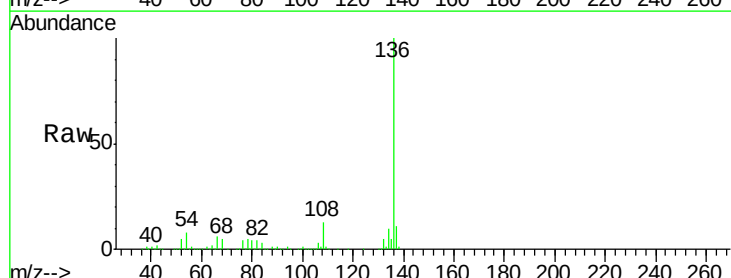
Ion Ratio Lower Upper

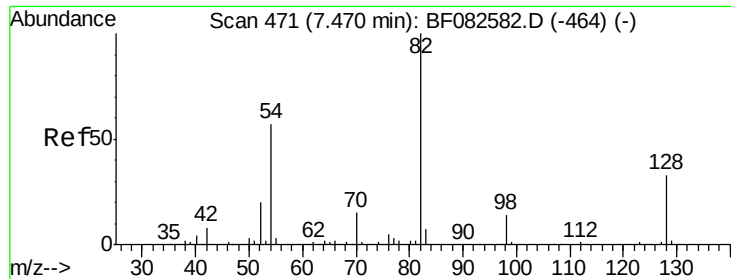
136 100

137 11.3 9.1 13.7

54 8.4 9.1 13.7#

68 5.2 4.8 7.2

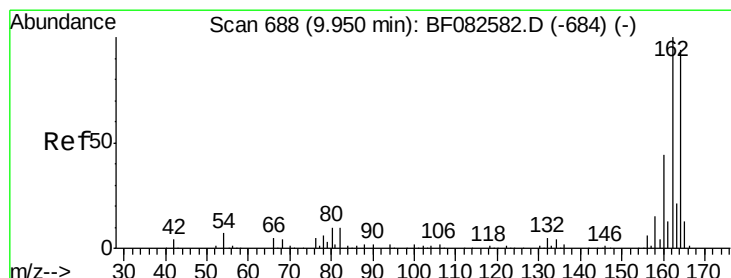
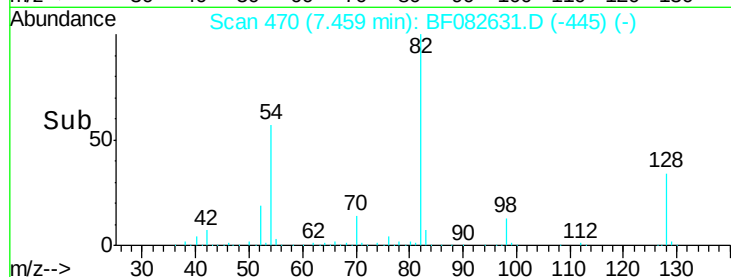
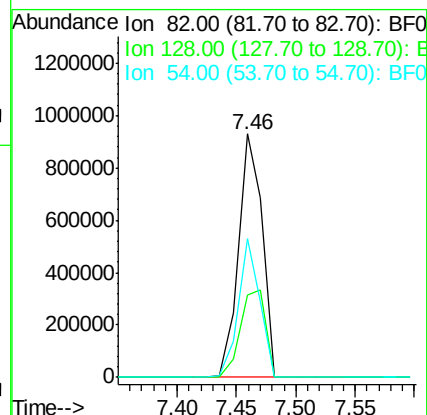
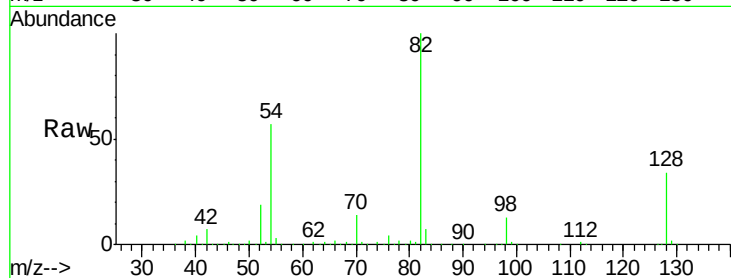




#23
 Nitrobenzene-d5
 Concen: 62.79 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.01 min
 Lab File: BF082631.D
 Acq: 31 Oct 2015 19:56

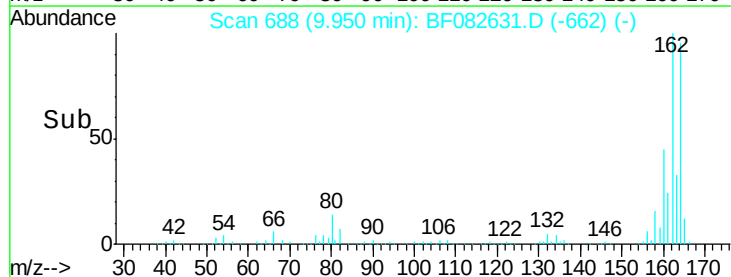
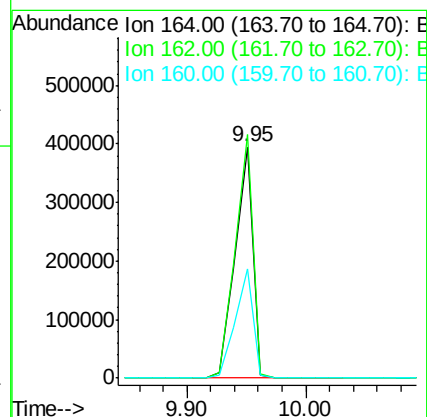
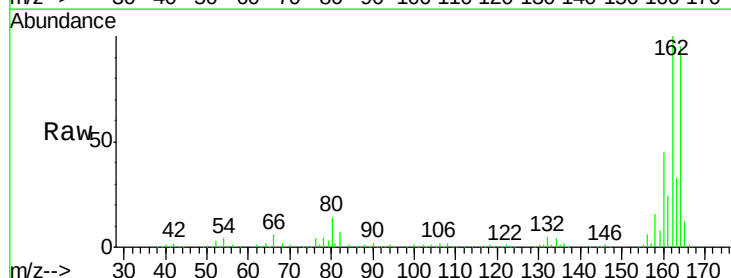
Instrument :
 BNA_F
 ClientSampleId :
 PB86353BL

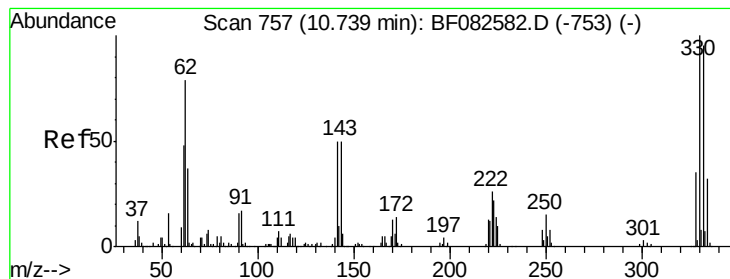
Tgt Ion: 82 Resp: 1280891
 Ion Ratio Lower Upper
 82 100
 128 33.7 26.8 40.2
 54 56.9 45.7 68.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.00 min
 Lab File: BF082631.D
 Acq: 31 Oct 2015 19:56

Tgt Ion: 164 Resp: 409107
 Ion Ratio Lower Upper
 164 100
 162 105.2 84.9 127.3
 160 47.0 37.5 56.3

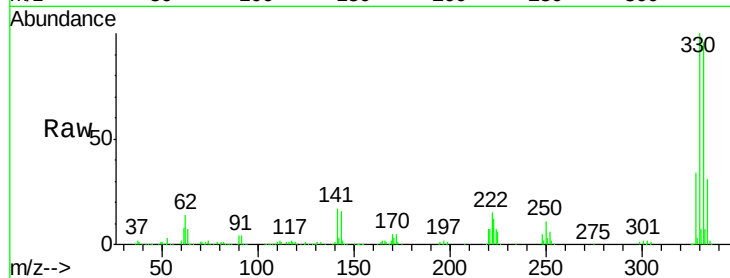




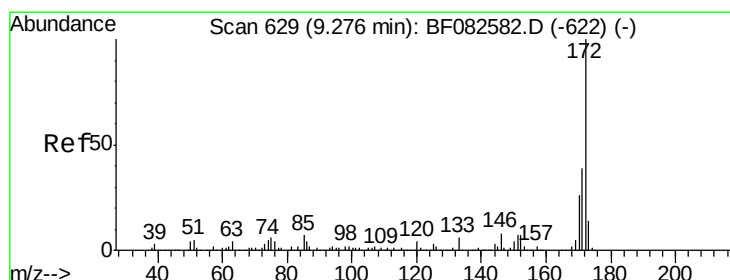
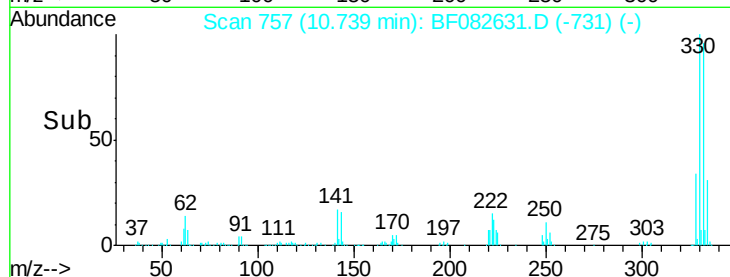
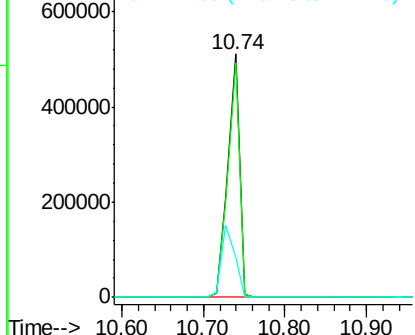
#41
 2,4,6-Tribromophenol
 Concen: 113.33 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BF082631.D
 Acq: 31 Oct 2015 19:56

Instrument :
 BNA_F
 ClientSampleId :
 PB86353BL

Tgt Ion:330 Resp: 507430
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 114.8
 141 34.1 41.2 61.8#

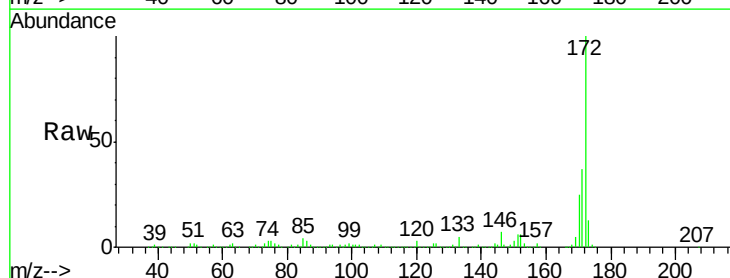


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

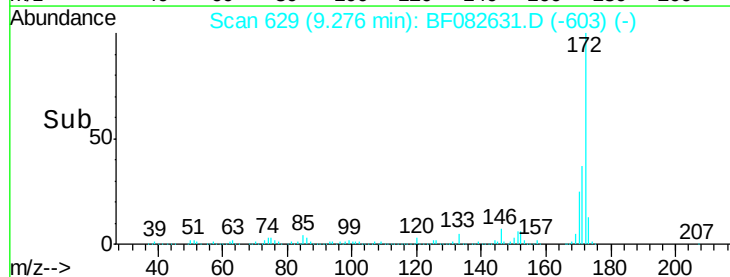
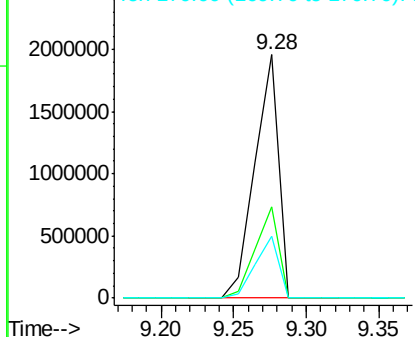


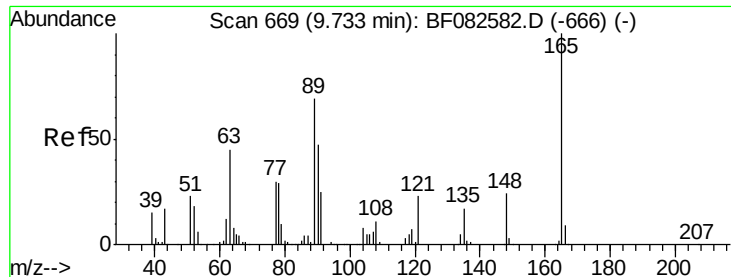
#44
 2-Fluorobiphenyl
 Concen: 76.96 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: BF082631.D
 Acq: 31 Oct 2015 19:56

Tgt Ion:172 Resp: 2217629
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.8 46.2
 170 25.3 21.2 31.8



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

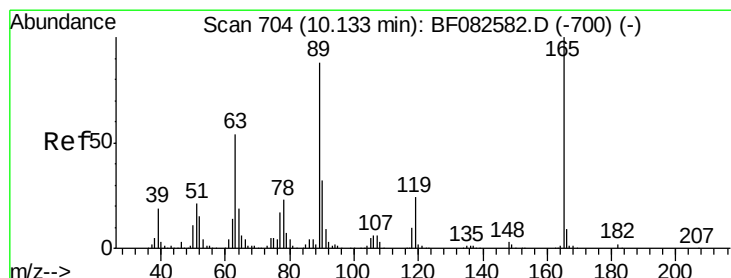
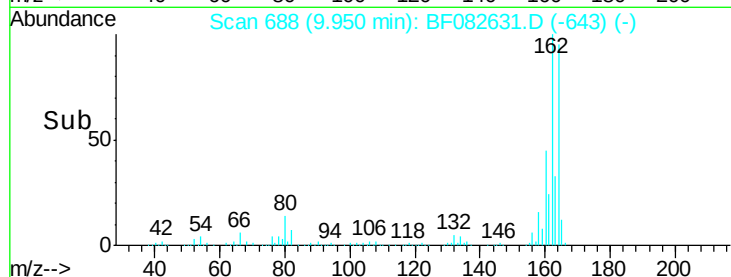
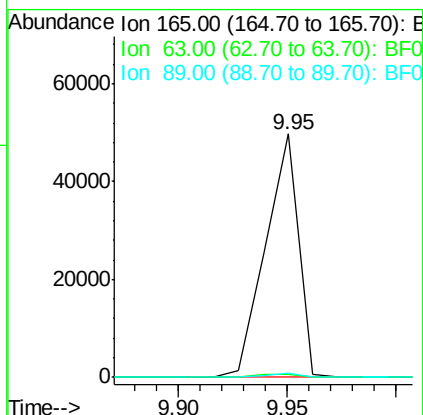
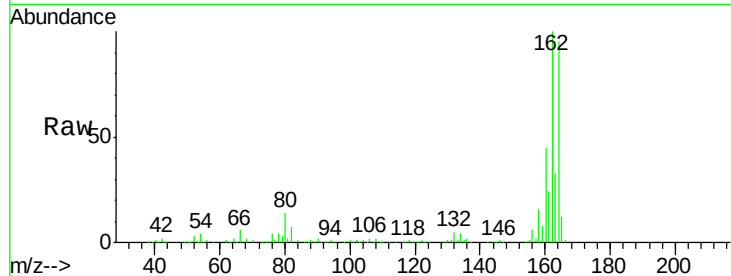




#50
 2,6-Dinitrotoluene
 Concen: 7.65 ng
 RT: 9.95 min Scan# 688
 Delta R.T. 0.22 min
 Lab File: BF082631.D
 Acq: 31 Oct 2015 19:56

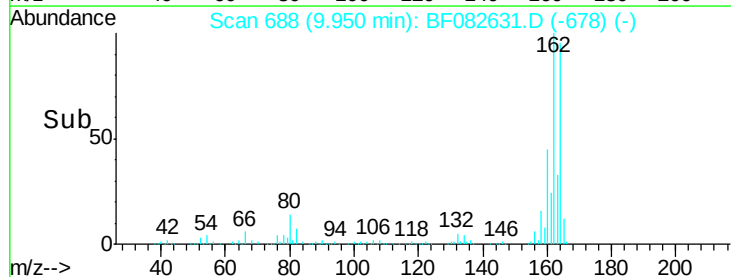
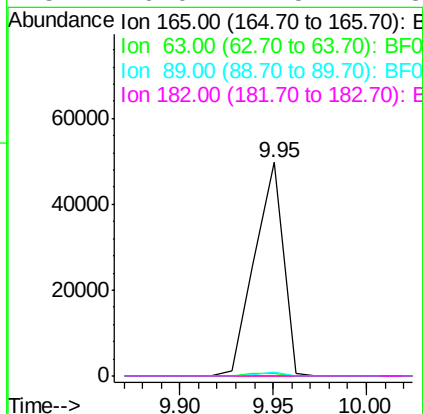
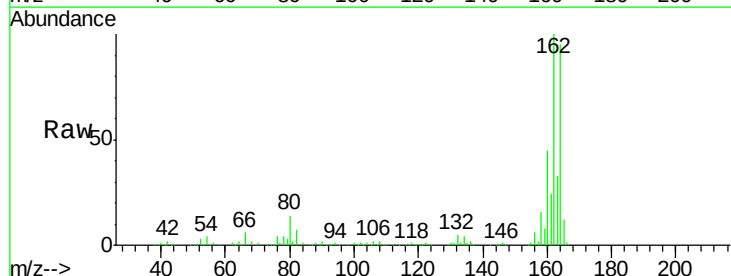
Instrument :
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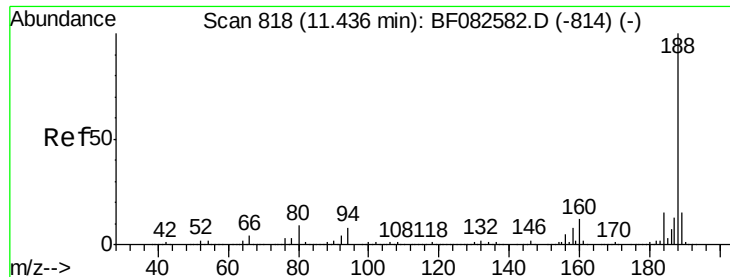
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	55.5	83.3#
89	2.0	55.0	82.6#



#56
 2,4-Dinitrotoluene
 Concen: 5.65 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.18 min
 Lab File: BF082631.D
 Acq: 31 Oct 2015 19:56

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	43.4	65.0#
89	2.0	70.6	106.0#
182	0.0	1.5	2.3#

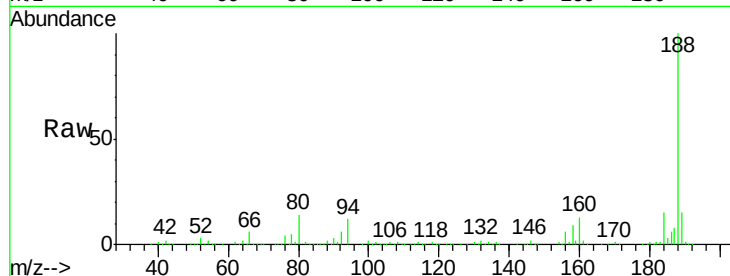




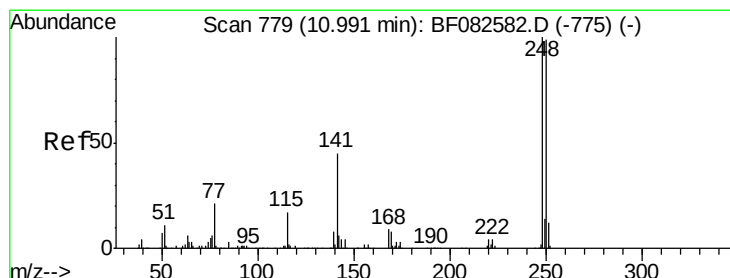
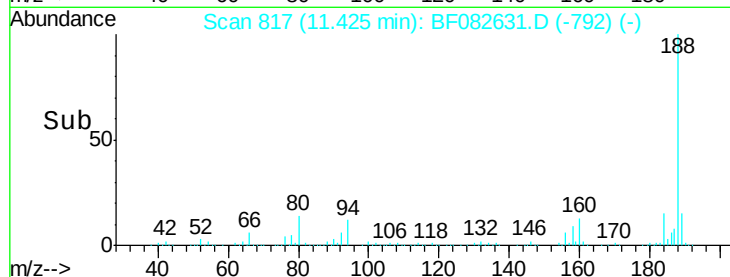
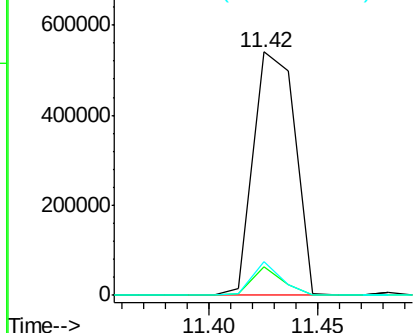
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF082631.D
 Acq: 31 Oct 2015 19:56

Instrument :
 BNA_F
 ClientSampleId :
 PB86353BL

Tgt Ion:188 Resp: 727270
 Ion Ratio Lower Upper
 188 100
 94 11.6 6.1 9.1#
 80 13.7 7.0 10.6#

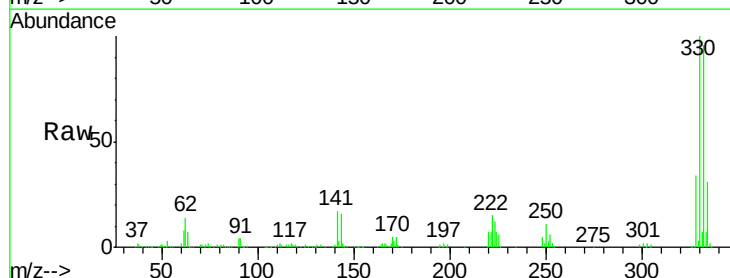


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

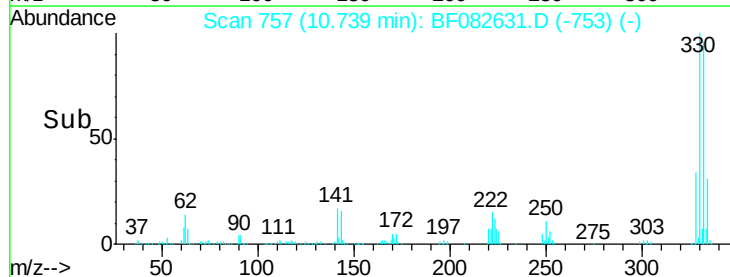
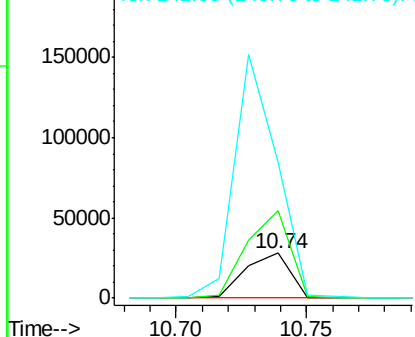


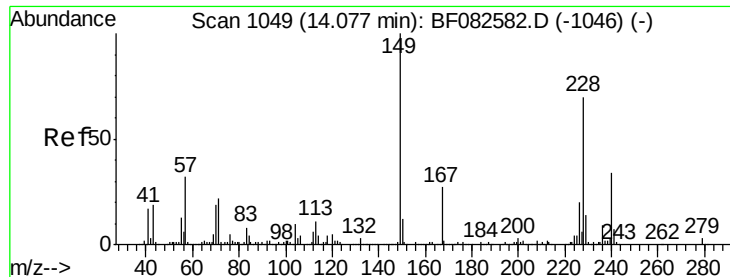
#66
 4-Bromophenyl-phenylether
 Concen: 4.10 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.25 min
 Lab File: BF082631.D
 Acq: 31 Oct 2015 19:56

Tgt Ion:248 Resp: 33811
 Ion Ratio Lower Upper
 248 100
 250 194.2 79.4 119.2#
 141 300.7 36.3 54.5#



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: 14.08 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF082631.D

Acq: 31 Oct 2015 19:56

Instrument :

BNA_F

ClientSampleId :

PB86353BL

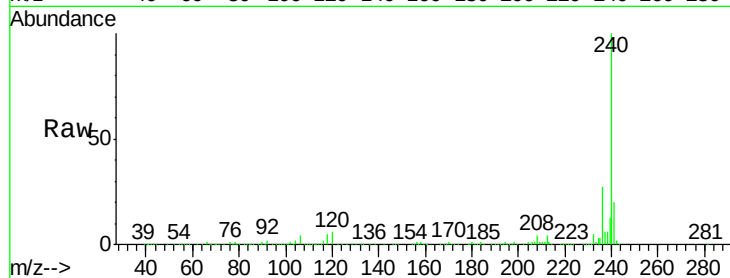
Tgt Ion:240 Resp: 534447

Ion Ratio Lower Upper

240 100

120 5.9 10.9 16.3#

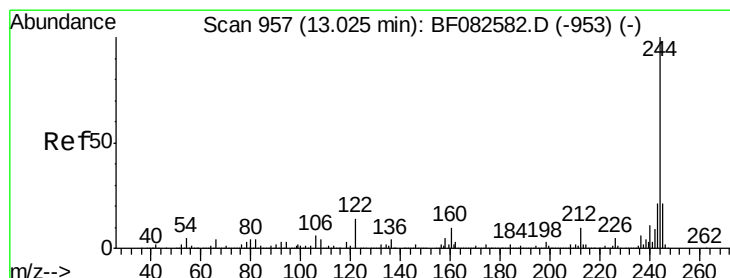
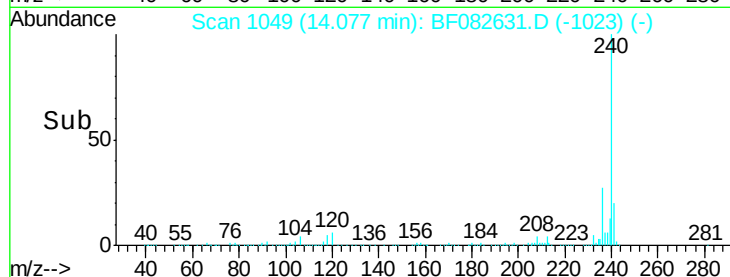
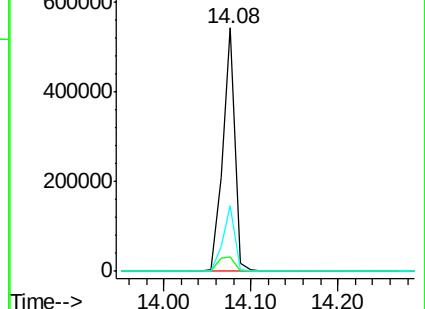
236 26.8 21.6 32.4



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: 77.79 ng

RT: 13.03 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF082631.D

Acq: 31 Oct 2015 19:56

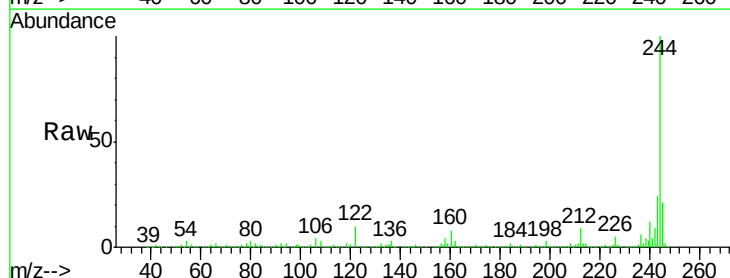
Tgt Ion:244 Resp: 1899811

Ion Ratio Lower Upper

244 100

212 8.6 7.6 11.4

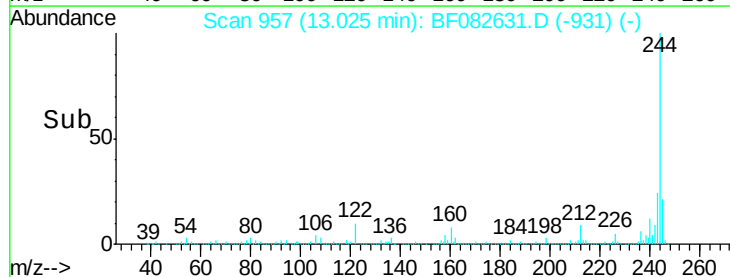
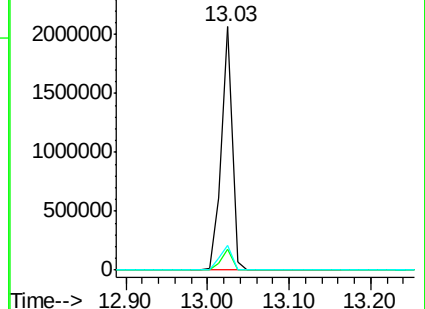
122 10.3 11.3 16.9#

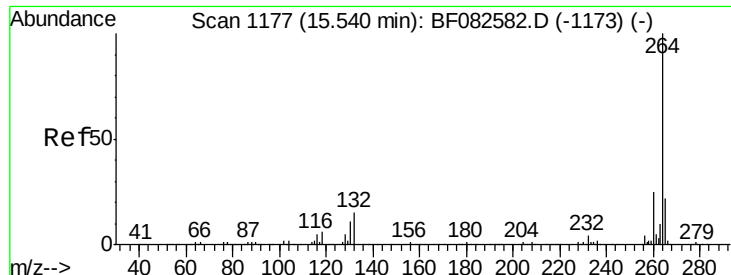


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

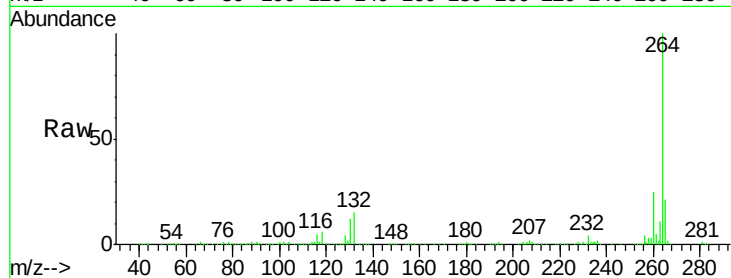




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BF082631.D
Acq: 31 Oct 2015 19:56

Instrument :
BNA_F
ClientSampleId :
PB86353BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.8	29.6
265	21.2	17.4	26.0



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

