

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF123115\
 Data File : BF084215.D
 Acq On : 1 Jan 2016 00:40
 Operator : UM/SJ
 Sample : PB87590BL
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87590BL

Quant Time: Jan 01 23:41:56 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 31 14:15:57 2015
 Response via : Initial Calibration

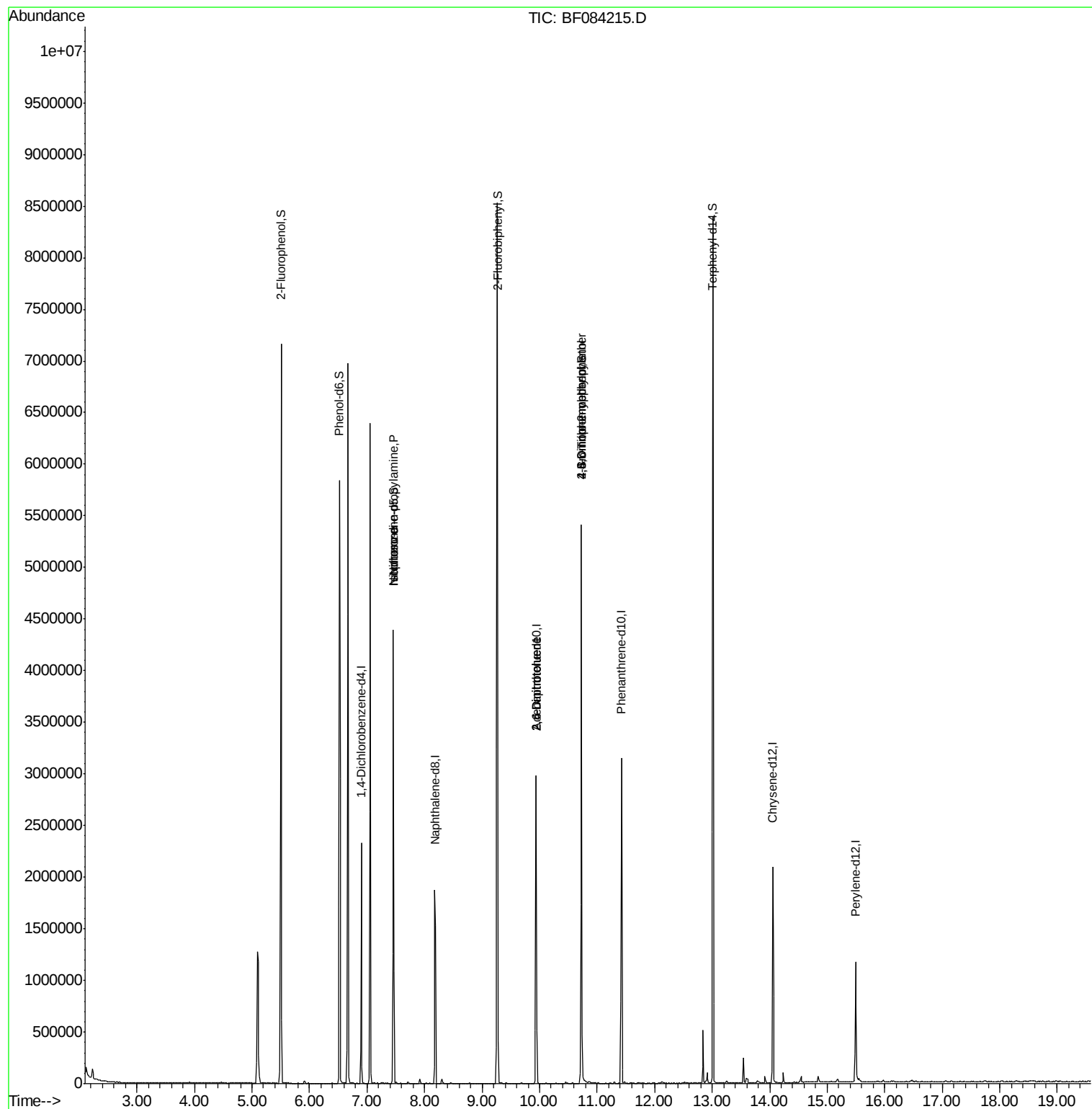
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	305328	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	1197973	20.00	ng	-0.01
38) Acenaphthene-d10	9.94	164	579837	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	1085577	20.00	ng	0.00
75) Chrysene-d12	14.05	240	785323	20.00	ng	-0.01
86) Perylene-d12	15.49	264	585193	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1916775	101.54	ng	0.01
7) Phenol-d6	6.52	99	2501590	105.52	ng	-0.01
23) Nitrobenzene-d5	7.46	82	1505323	69.93	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	590881	100.94	ng	-0.01
44) 2-Fluorobiphenyl	9.26	172	2633215	79.48	ng	0.00
78) Terphenyl-d14	13.01	244	2410114	68.50	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.46	70	212183	13.22	ng	# 66
25) Isophorone	7.46	82	1221772	29.68	ng	# 66
50) 2,6-Dinitrotoluene	9.94	165	74073	8.15	ng	# 37
56) 2,4-Dinitrotoluene	9.94	165	74078	6.44	ng	# 21
57) Fluorene	10.73	166	26754	Below Cal	#	85
64) 4,6-Dinitro-2-methylphenol	10.73	198	1531	6.59	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	39947	3.42	ng	# 1
73) Di-n-butylphthalate	11.98	149	986	Below Cal	#	79

(#) = 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. 0.00 min

Lab File: BF084215.D

Acq: 1 Jan 2016 00:40

Instrument :

BNA_F

ClientSampleId :

PB87590BL

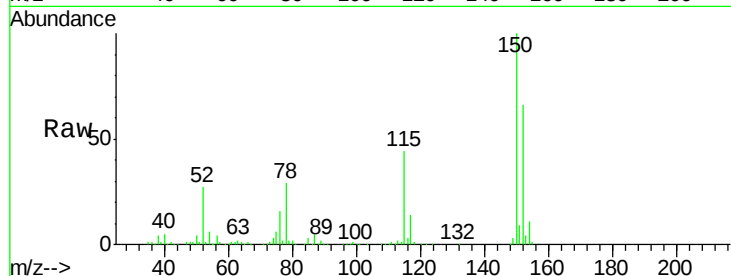
Tgt Ion:152 Resp: 305328

Ion Ratio Lower Upper

152 100

150 152.4 123.0 184.4

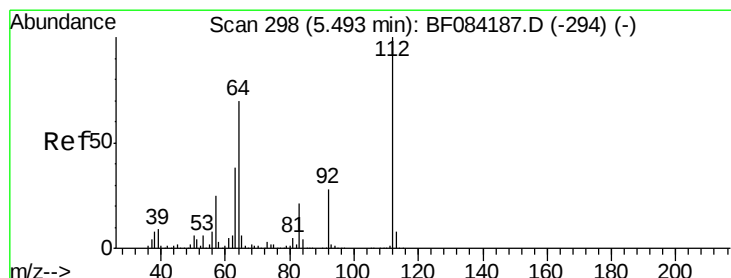
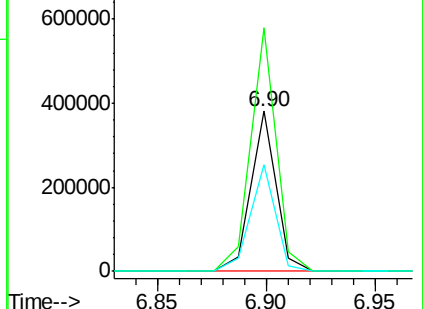
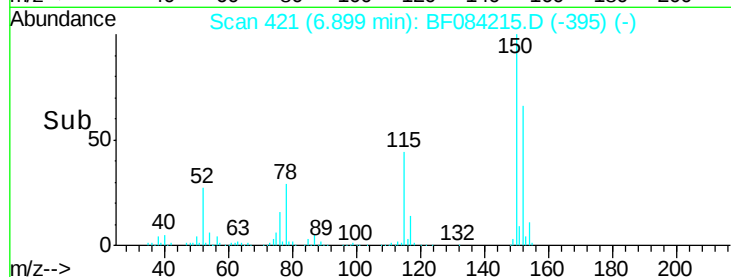
115 66.4 51.4 77.2



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: 101.54 ng

RT: 5.50 min Scan# 299

Delta R.T. 0.01 min

Lab File: BF084215.D

Acq: 1 Jan 2016 00:40

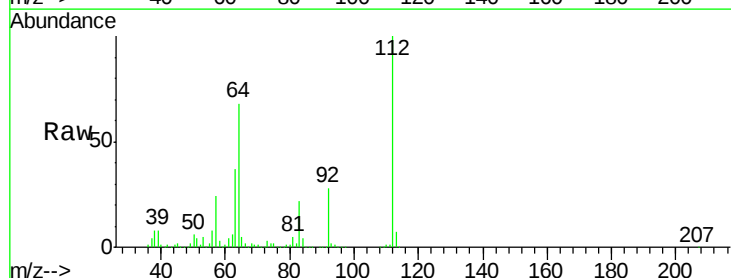
Tgt Ion:112 Resp: 1916775

Ion Ratio Lower Upper

112 100

64 68.2 36.6 55.0#

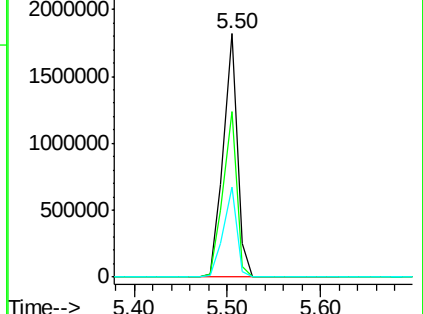
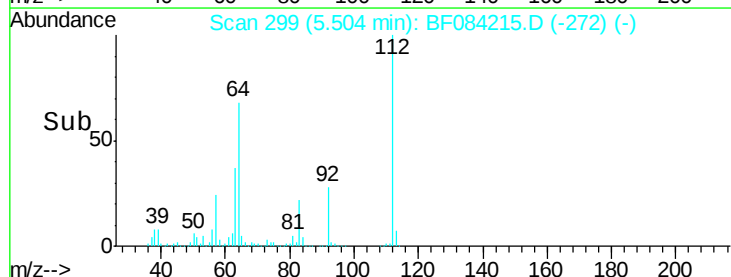
63 36.9 19.4 29.0#



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: 105.52 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF084215.D

Acq: 1 Jan 2016 00:40

Instrument :

BNA_F

ClientSampleId :

PB87590BL

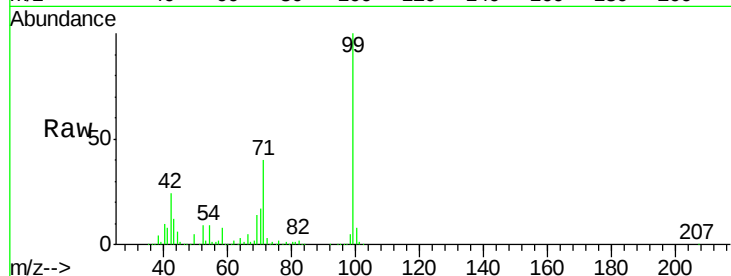
Tgt Ion: 99 Resp: 2501590

Ion Ratio Lower Upper

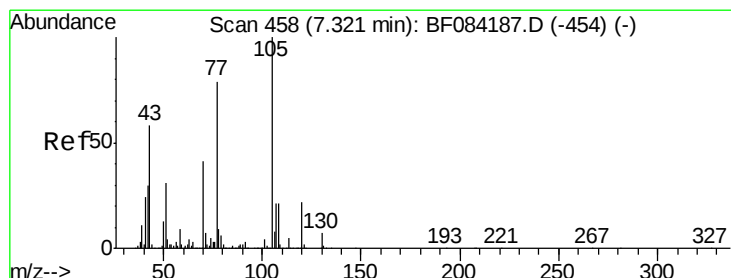
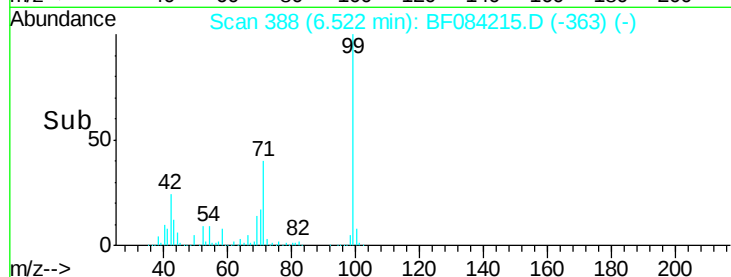
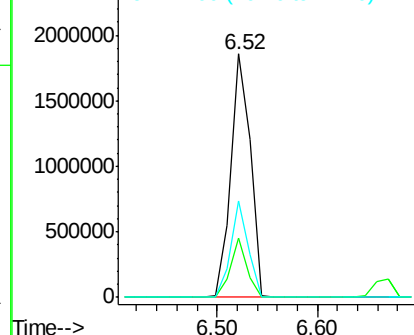
99 100

42 24.4 12.8 19.2#

71 39.5 30.9 46.3



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: 13.22 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.14 min

Lab File: BF084215.D

Acq: 1 Jan 2016 00:40

Tgt Ion: 70 Resp: 212183

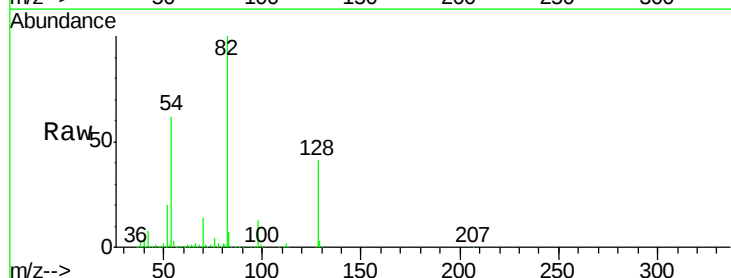
Ion Ratio Lower Upper

70 100

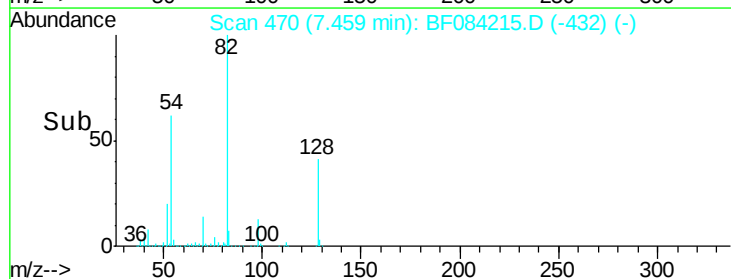
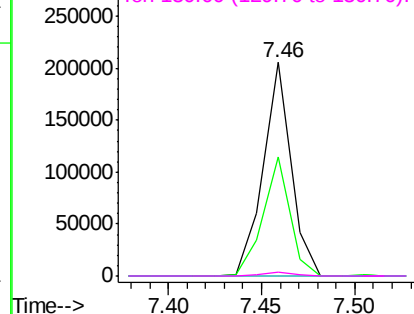
42 56.0 33.3 49.9#

101 0.0 9.3 13.9#

130 2.0 23.4 35.0#



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): E
Ion 130.00 (129.70 to 130.70): E

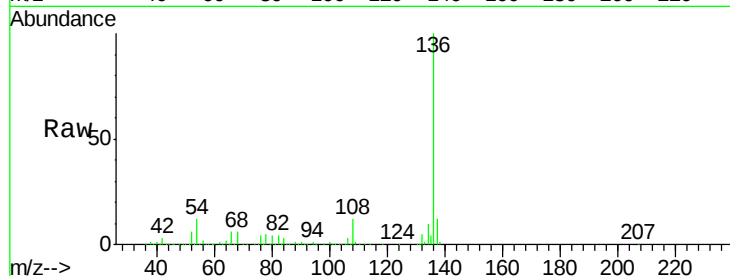




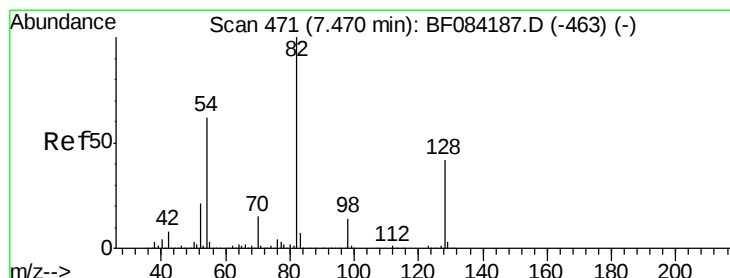
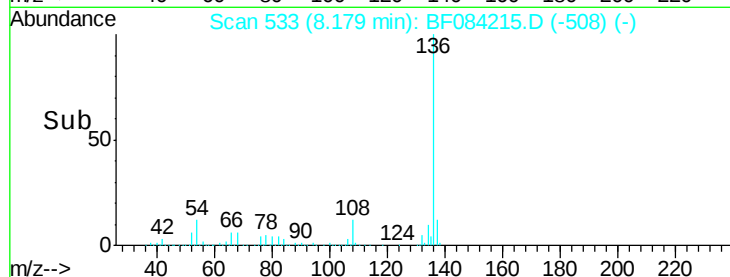
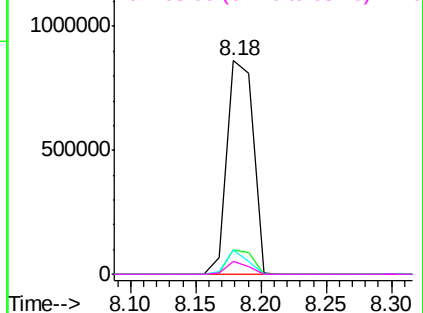
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF084215.D
Acq: 1 Jan 2016 00:40

Instrument :
BNA_F
ClientSampleId :
PB87590BL

Tgt Ion:136 Resp: 1197973
Ion Ratio Lower Upper
136 100
137 11.7 8.7 13.1
54 11.6 5.8 8.8#
68 6.1 4.2 6.2

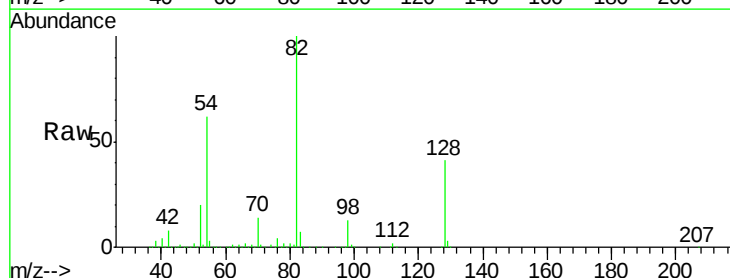


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

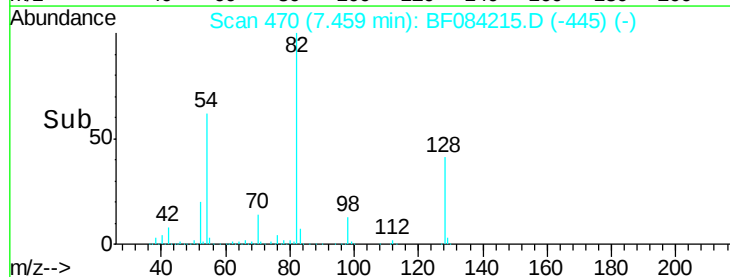
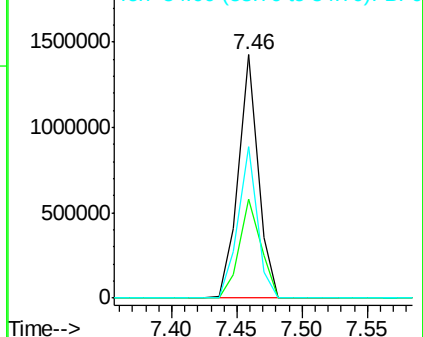


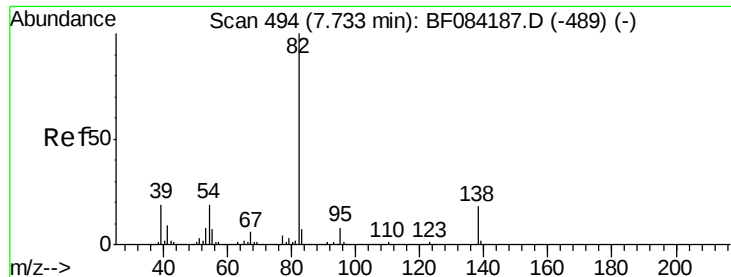
#23
Nitrobenzene-d5
Concen: 69.93 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF084215.D
Acq: 1 Jan 2016 00:40

Tgt Ion: 82 Resp: 1505323
Ion Ratio Lower Upper
82 100
128 40.7 34.6 51.8
54 62.3 38.4 57.6#



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: 29.68 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.27 min

Lab File: BF084215.D

Acq: 1 Jan 2016 00:40

Instrument :

BNA_F

ClientSampleId :

PB87590BL

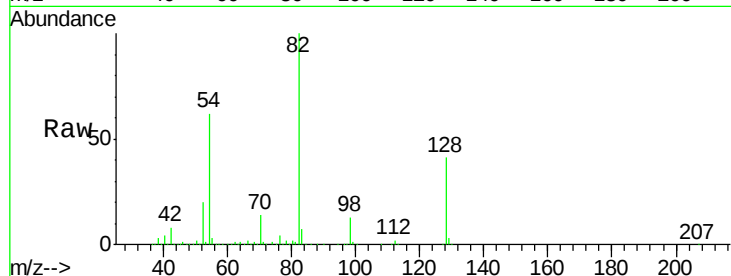
Tgt Ion: 82 Resp: 1221772

Ion Ratio Lower Upper

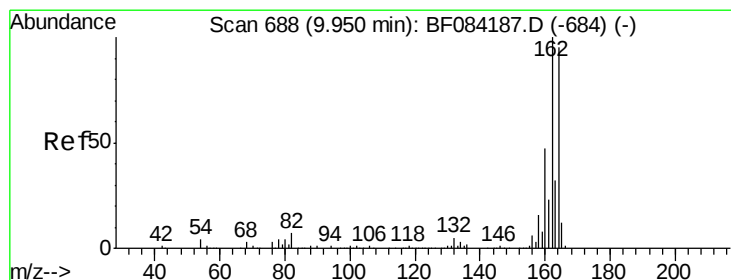
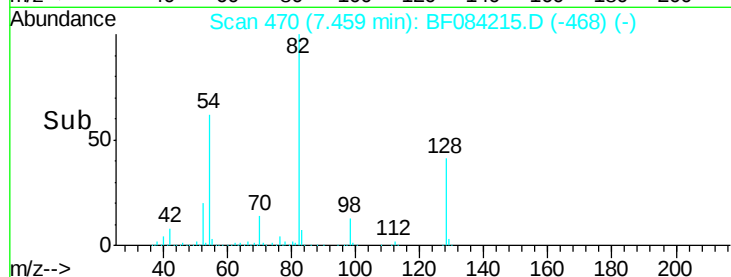
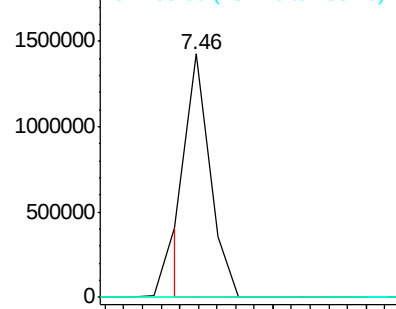
82 100

95 0.0 6.6 10.0#

138 0.0 13.6 20.4#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF084215.D

Acq: 1 Jan 2016 00:40

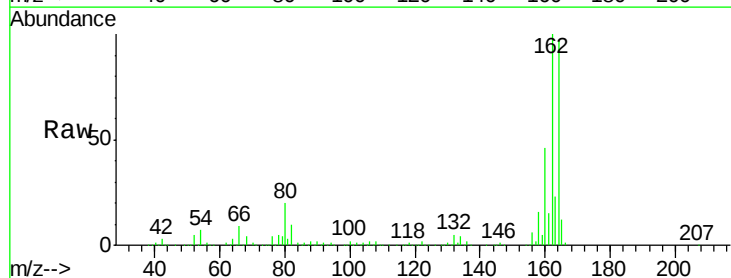
Tgt Ion:164 Resp: 579837

Ion Ratio Lower Upper

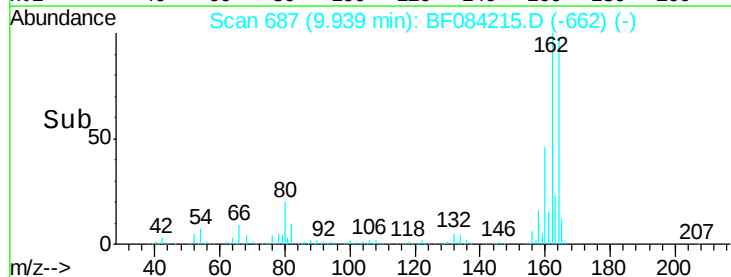
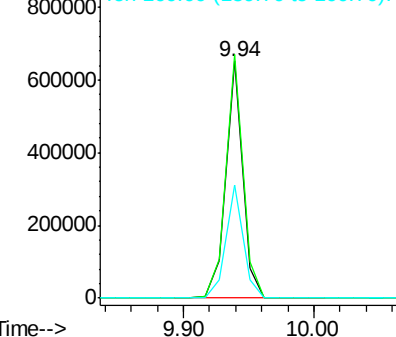
164 100

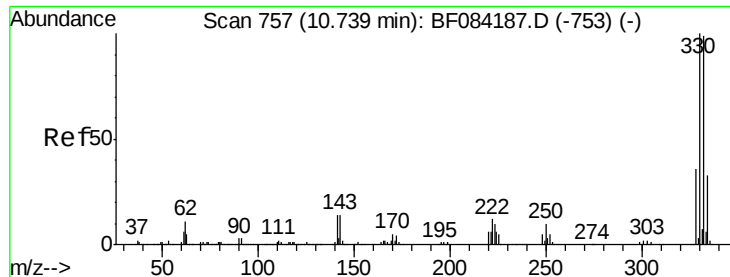
162 102.7 85.1 127.7

160 47.5 37.5 56.3



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

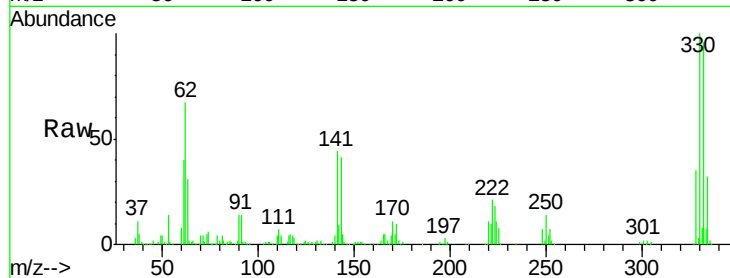




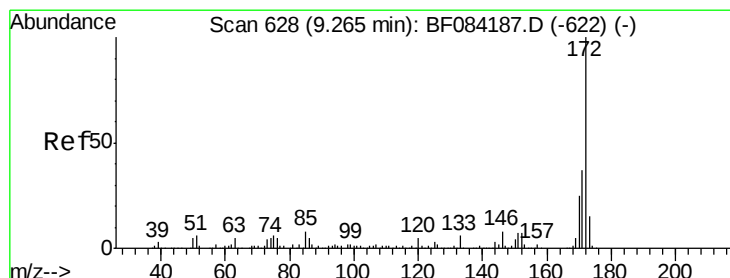
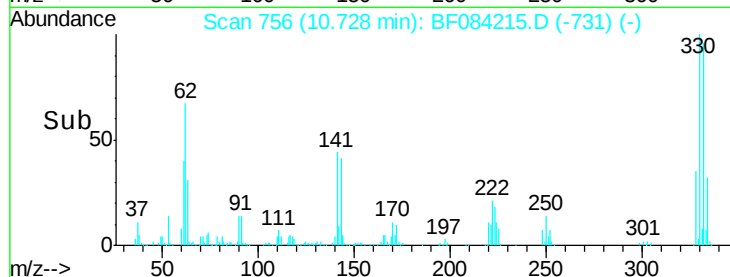
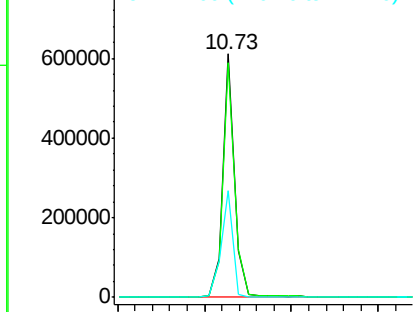
#41
 2,4,6-Tribromophenol
 Concen: 100.94 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF084215.D
 Acq: 1 Jan 2016 00:40

Instrument :
 BNA_F
 ClientSampleId :
 PB87590BL

Tgt Ion:330 Resp: 590881
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 114.8
 141 44.5 27.8 41.6#

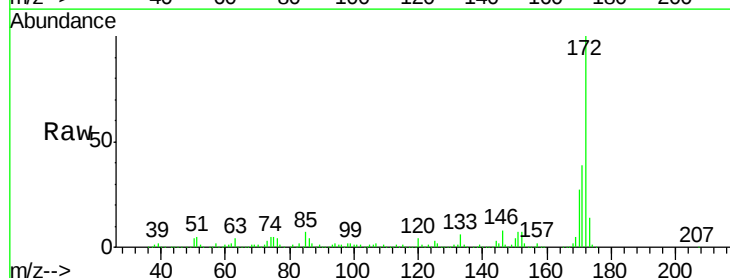


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

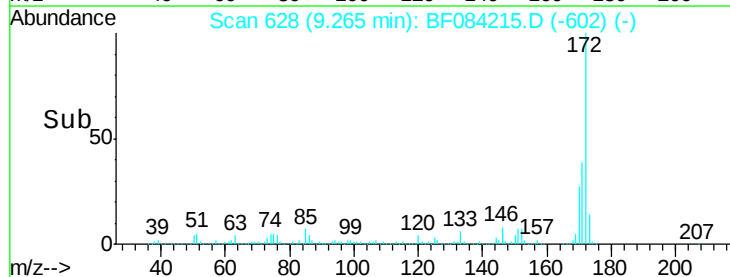
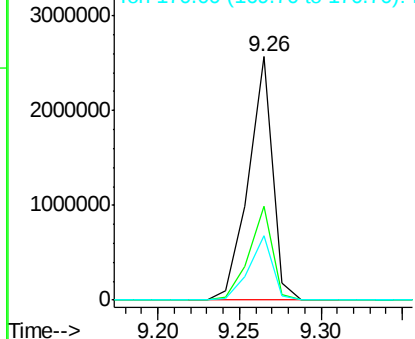


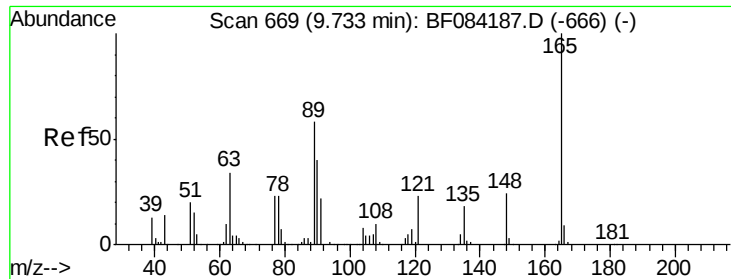
#44
 2-Fluorobiphenyl
 Concen: 79.48 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF084215.D
 Acq: 1 Jan 2016 00:40

Tgt Ion:172 Resp: 2633215
 Ion Ratio Lower Upper
 172 100
 171 38.7 28.9 43.3
 170 26.7 18.6 27.8



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

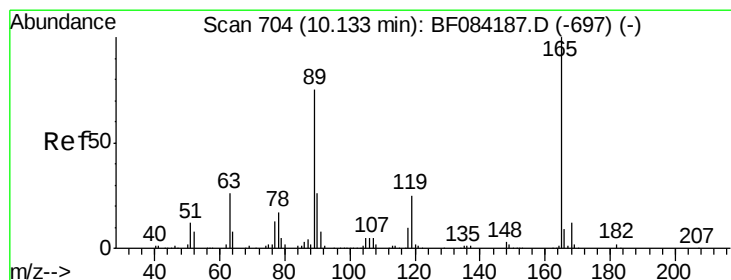
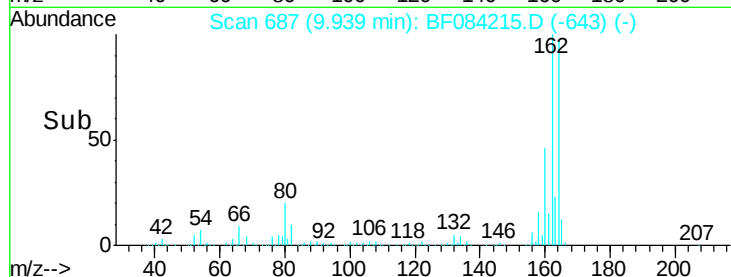
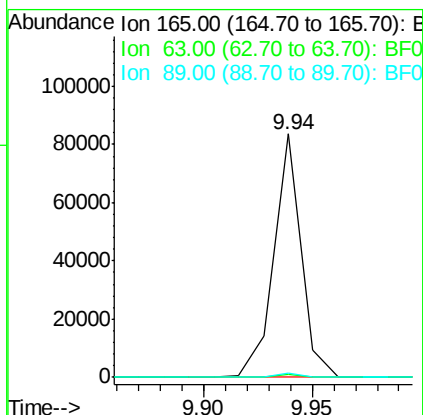
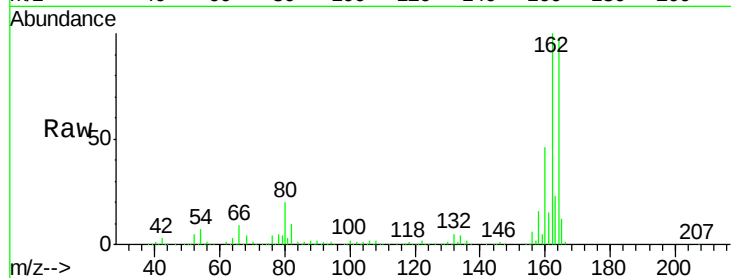




#50
 2,6-Dinitrotoluene
 Concen: 8.15 ng
 RT: 9.94 min Scan# 687
 Delta R.T. 0.21 min
 Lab File: BF084215.D
 Acq: 1 Jan 2016 00:40

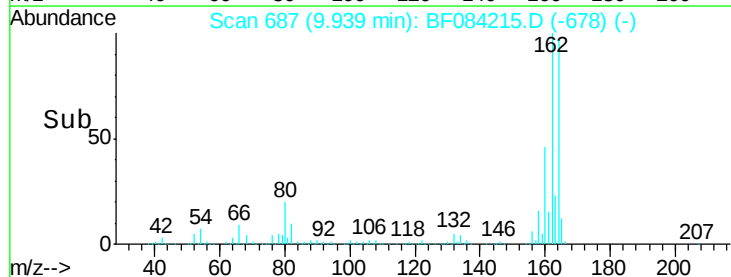
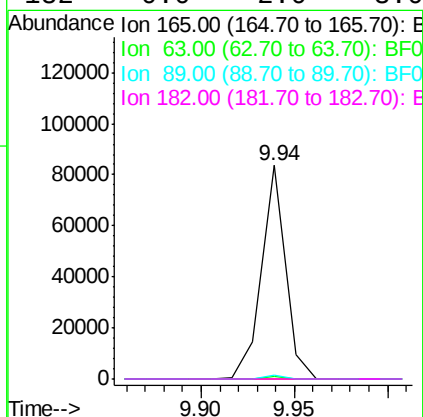
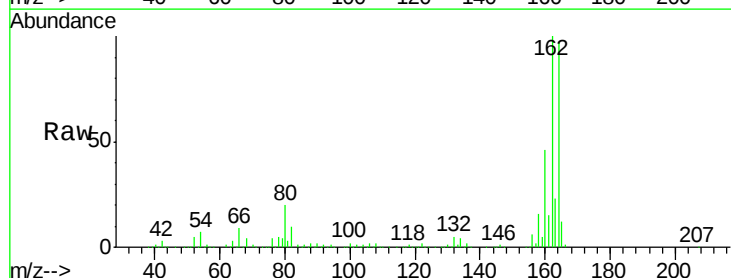
Instrument :
 BNA_F
 ClientSampled :
 PB87590BL

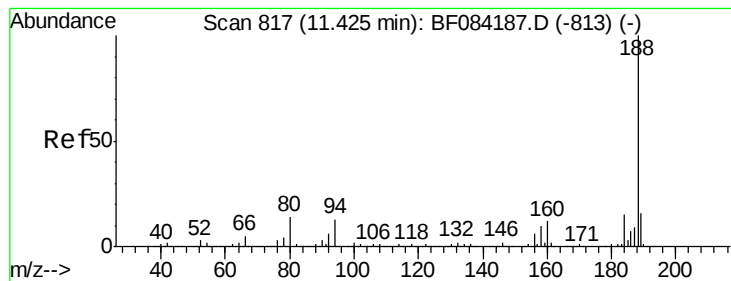
Tgt Ion:165 Resp: 74073
 Ion Ratio Lower Upper
 165 100
 63 1.2 28.8 43.2#
 89 1.6 35.1 52.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.44 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.19 min
 Lab File: BF084215.D
 Acq: 1 Jan 2016 00:40

Tgt Ion:165 Resp: 74078
 Ion Ratio Lower Upper
 165 100
 63 1.2 36.7 55.1#
 89 1.6 61.9 92.9#
 182 0.0 2.0 3.0#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF084215.D

Acq: 1 Jan 2016 00:40

Instrument :

BNA_F

ClientSampleId :

PB87590BL

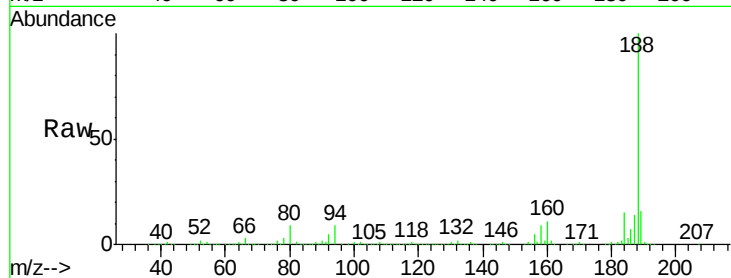
Tgt Ion:188 Resp: 1085577

Ion Ratio Lower Upper

188 100

94 8.5 9.0 13.4#

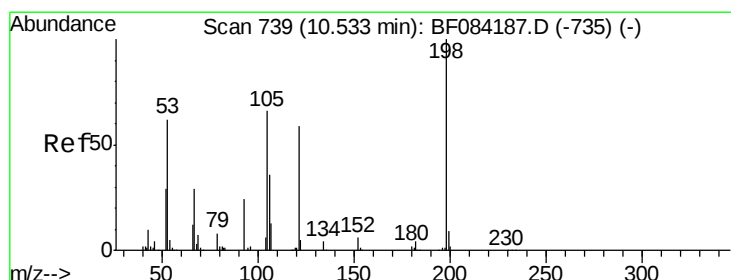
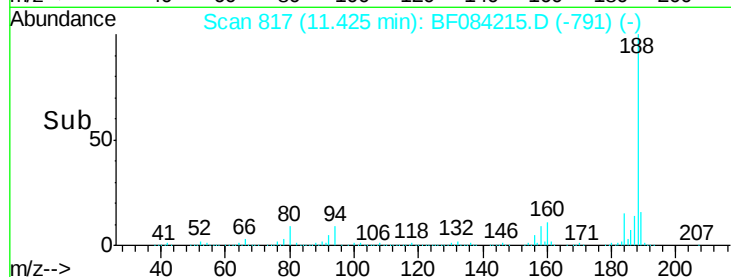
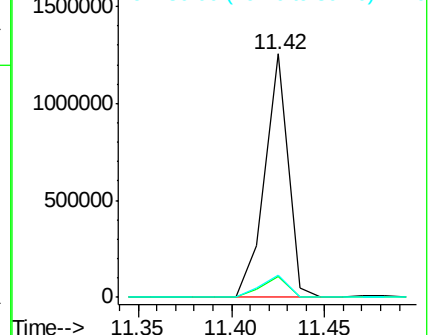
80 8.9 9.6 14.4#



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



#64

4,6-Dinitro-2-methylphenol

Concen: 6.59 ng

RT: 10.73 min Scan# 756

Delta R.T. 0.19 min

Lab File: BF084215.D

Acq: 1 Jan 2016 00:40

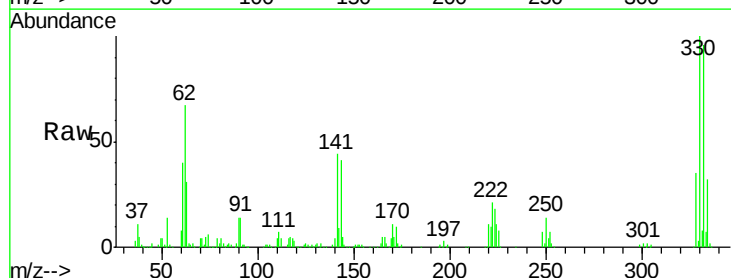
Tgt Ion:198 Resp: 1531

Ion Ratio Lower Upper

198 100

51 196.2 18.9 58.9#

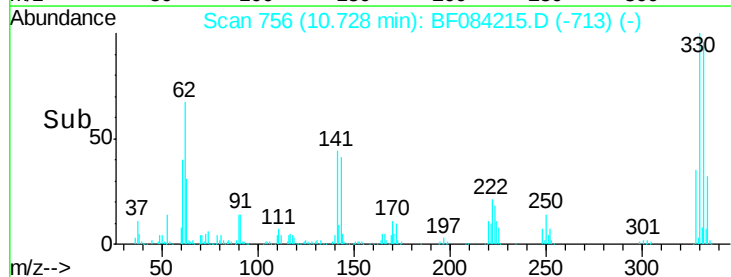
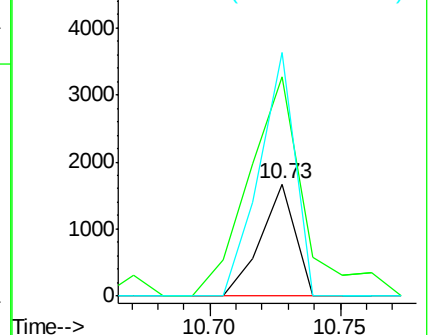
105 217.8 26.4 66.4#

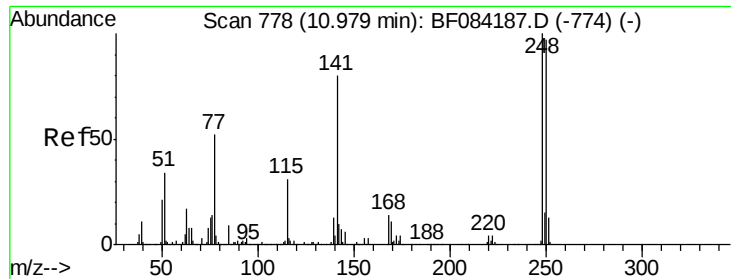


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

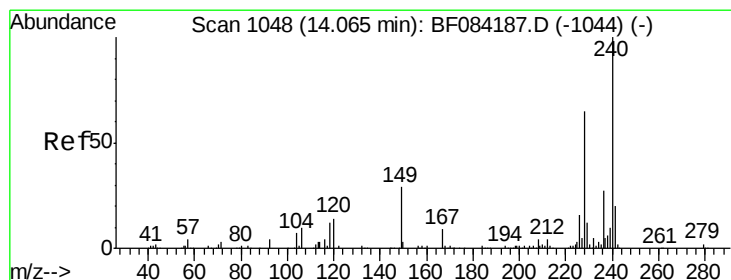
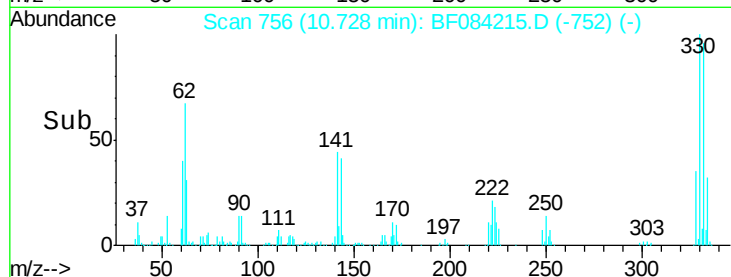
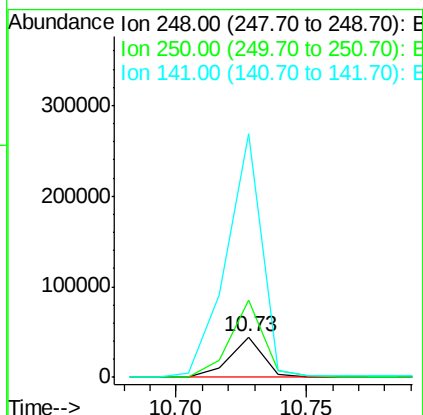
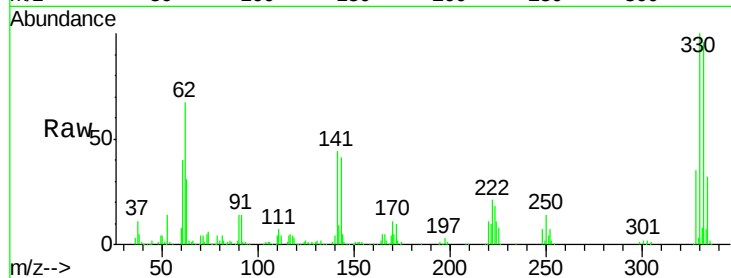




#66
4-Bromophenyl-phenylether
Concen: 3.42 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.25 min
Lab File: BF084215.D
Acq: 1 Jan 2016 00:40

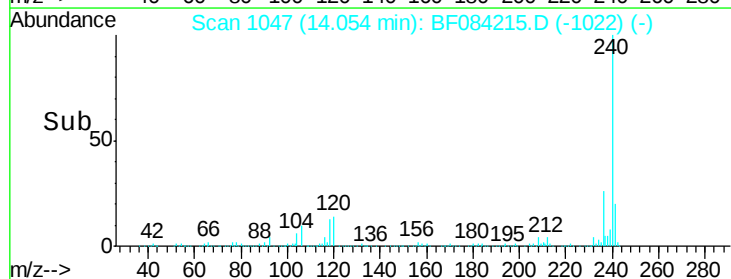
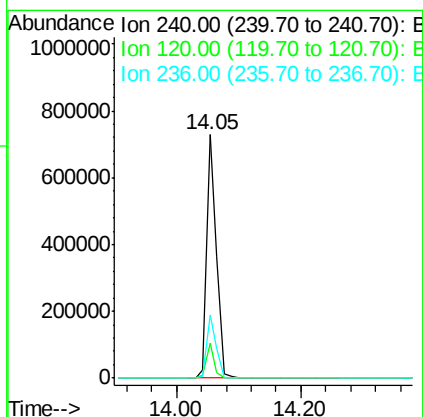
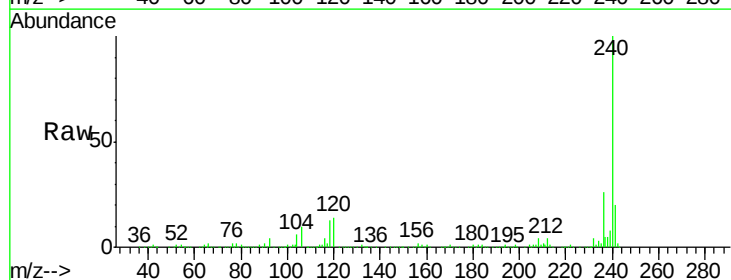
Instrument :
BNA_F
ClientSampleId :
PB87590BL

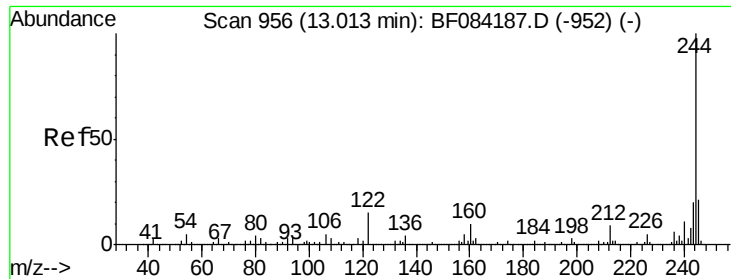
Tgt Ion:248 Resp: 39947
Ion Ratio Lower Upper
248 100
250 192.8 78.4 117.6#
141 606.4 44.0 66.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF084215.D
Acq: 1 Jan 2016 00:40

Tgt Ion:240 Resp: 785323
Ion Ratio Lower Upper
240 100
120 14.5 9.5 14.3#
236 25.7 20.6 31.0

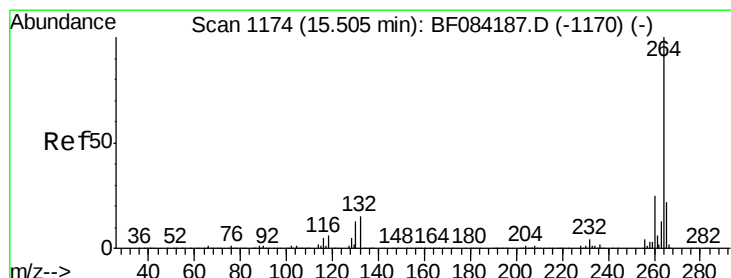
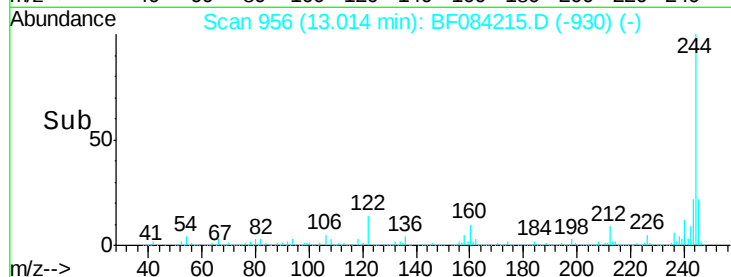
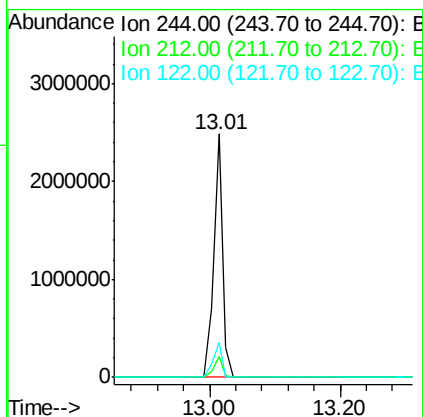
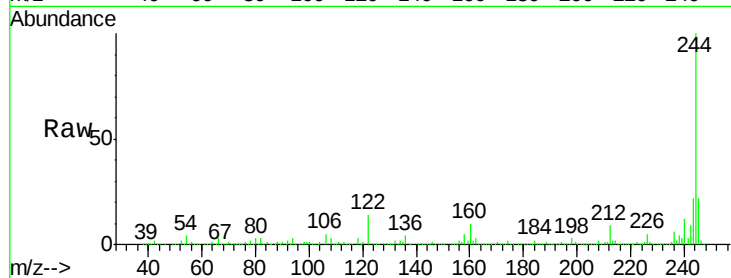




#78
 Terphenyl-d14
 Concen: 68.50 ng
 RT: 13.01 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: BF084215.D
 Acq: 1 Jan 2016 00:40

Instrument :
 BNA_F
 ClientSampleId :
 PB87590BL

Tgt Ion:244 Resp: 2410114
 Ion Ratio Lower Upper
 244 100
 212 8.5 5.7 8.5#
 122 14.4 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF084215.D
 Acq: 1 Jan 2016 00:40

Tgt Ion:264 Resp: 585193
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.2
 265 21.5 17.8 26.6

