

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100615\
 Data File : BF082088.D
 Acq On : 6 Oct 2015 17:08
 Operator : UM/IZ
 Sample : G3888-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC093015

Quant Time: Oct 07 02:05:09 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 07 02:00:35 2015
 Response via : Initial Calibration

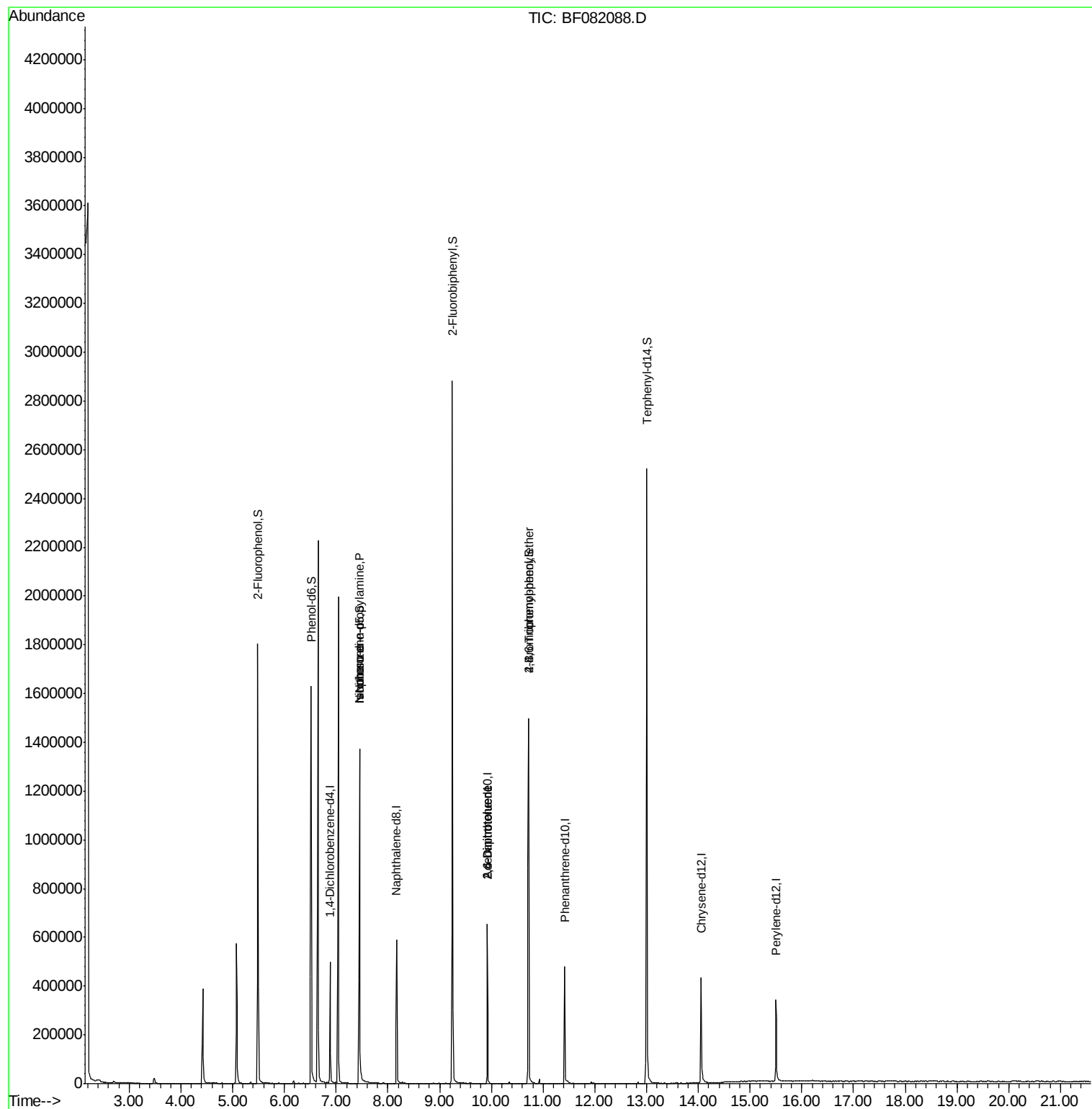
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	83061	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	331357	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	151814	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	311200	20.00	ng	0.00
75) Chrysene-d12	14.06	240	276325	20.00	ng	-0.01
86) Perylene-d12	15.50	264	203983	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	540093	118.04	ng	0.01
7) Phenol-d6	6.51	99	642124	111.53	ng	0.00
23) Nitrobenzene-d5	7.45	82	517985	104.20	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	247406	160.91	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	932425	108.53	ng	0.00
78) Terphenyl-d14	13.01	244	1088404	179.65	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	66698	19.06	ng	# 57
25) Isophorone	7.45	82	413303	41.95	ng	# 58
50) 2,6-Dinitrotoluene	9.92	165	19102	8.40	ng	# 37
56) 2,4-Dinitrotoluene	9.92	165	19099	6.59	ng	# 31
57) Fluorene	10.47	166	252	Below Cal	#	81
66) 4-Bromophenyl-phenylether	10.72	248	16533	5.27	ng	# 1
70) Phenanthrene	11.44	178	1304	Below Cal	#	62
73) Di-n-butylphthalate	11.98	149	3874	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: 6.88 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF082088.D

Acq: 6 Oct 2015 17:08

Instrument :

BNA_F

ClientSampleId :

WC093015

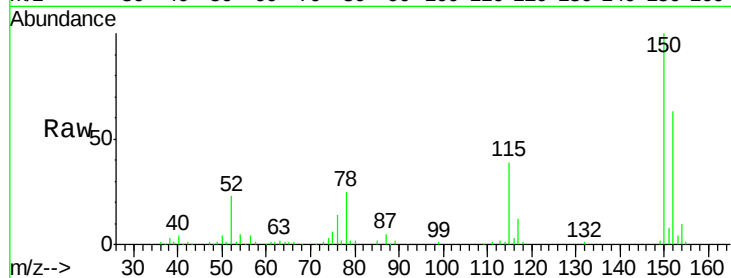
Tot Ion:152 Resp: 83061

Ion Ratio Lower Upper

152 100

150 159.0 124.7 187.1

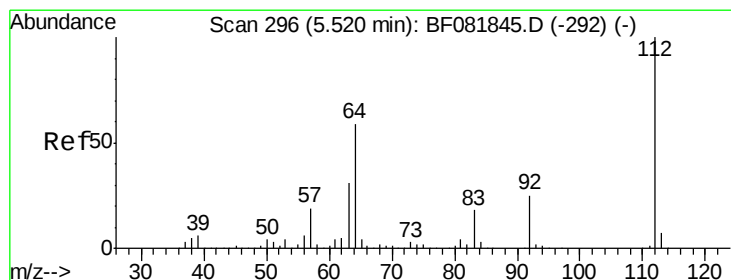
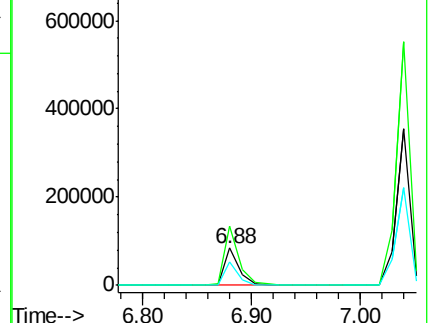
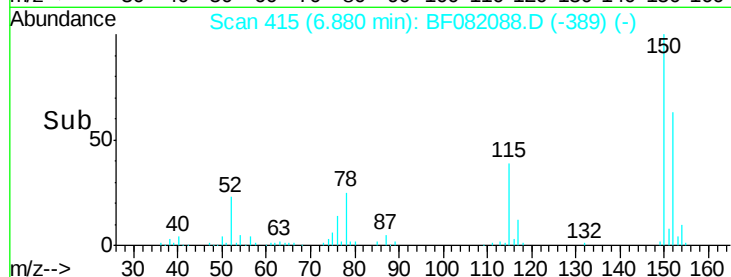
115 61.3 39.0 58.4#



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: 118.04 ng

RT: 5.49 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF082088.D

Acq: 6 Oct 2015 17:08

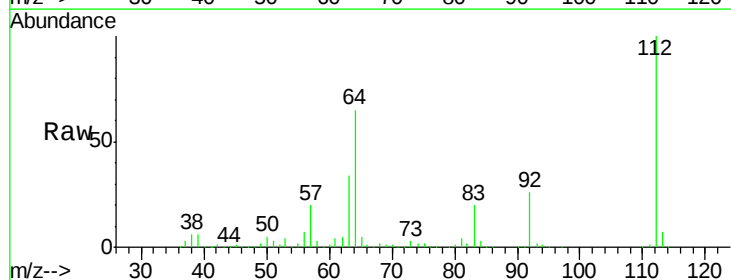
Tgt Ion:112 Resp: 540093

Ion Ratio Lower Upper

112 100

64 64.6 39.7 59.5#

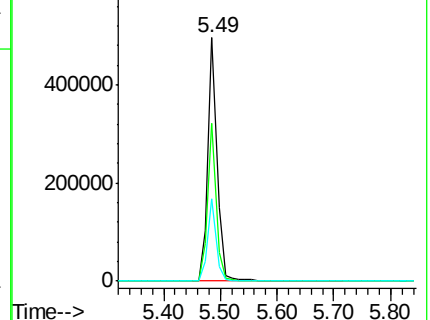
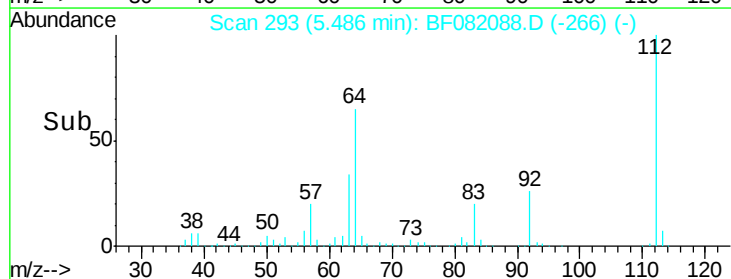
63 33.9 17.4 26.0#

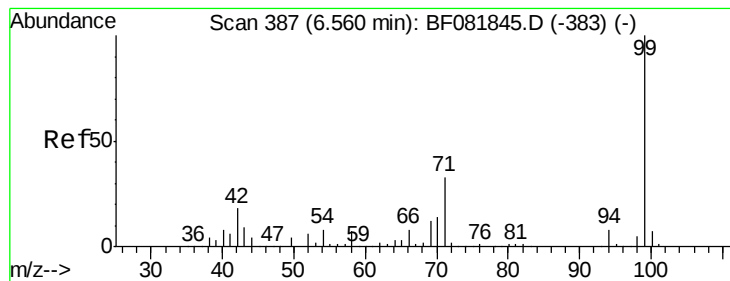


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 111.53 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF082088.D

Acq: 6 Oct 2015 17:08

Instrument :

BNA_F

ClientSampleId :

WC093015

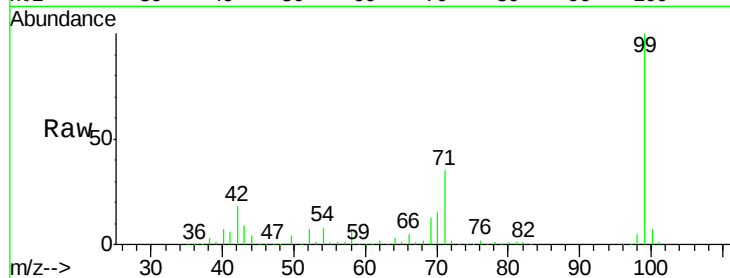
Tot Ion: 99 Resp: 642124

Ion Ratio Lower Upper

99 100

42 18.3 13.7 20.5

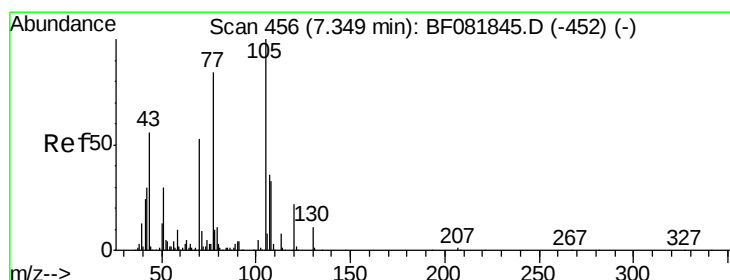
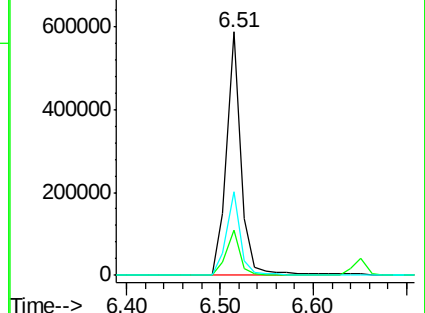
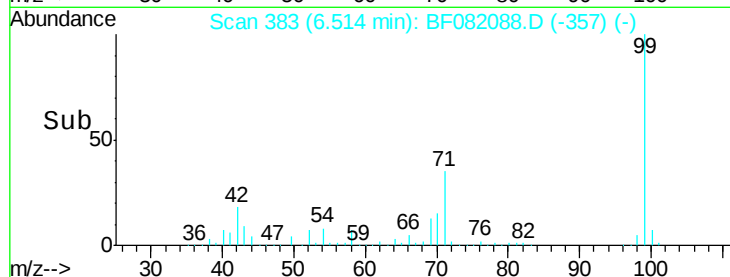
71 34.5 14.2 21.2#



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: 19.06 ng

RT: 7.45 min Scan# 465

Delta R.T. 0.15 min

Lab File: BF082088.D

Acq: 6 Oct 2015 17:08

Tgt Ion: 70 Resp: 66698

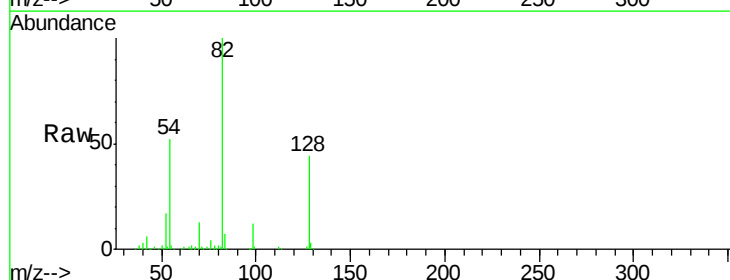
Ion Ratio Lower Upper

70 100

42 44.9 63.8 95.6#

101 0.0 9.2 13.8#

130 1.9 27.3 40.9#

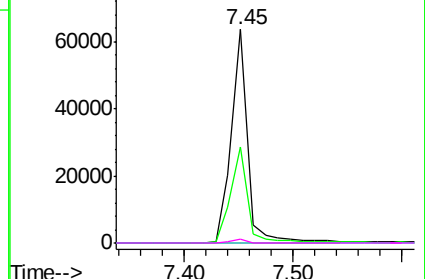
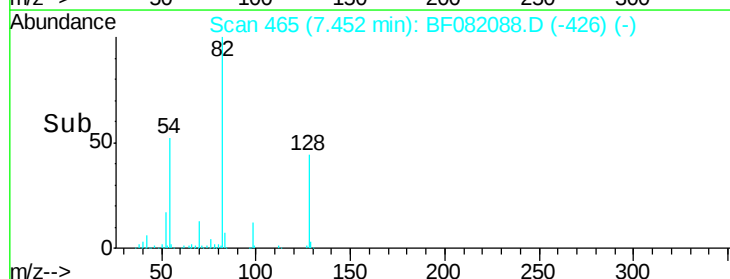


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

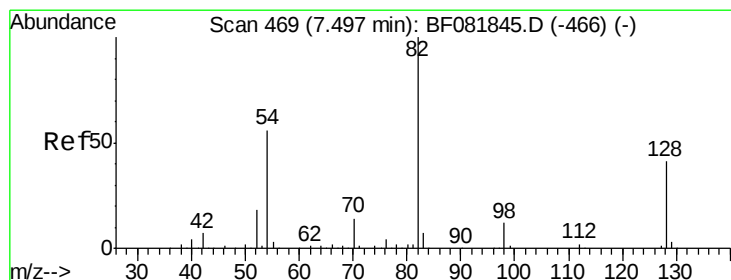
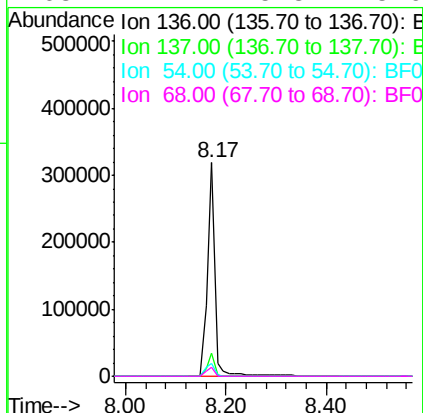
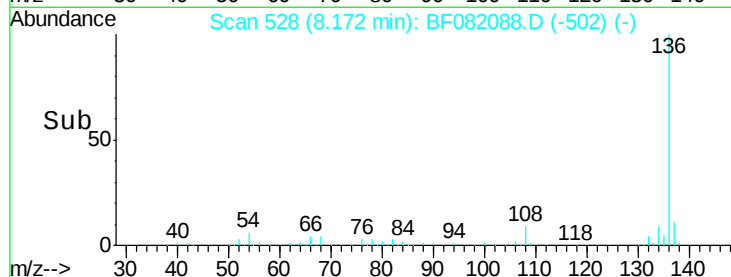
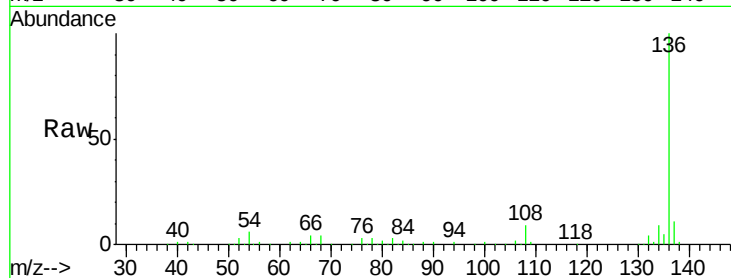




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF082088.D
Acq: 6 Oct 2015 17:08

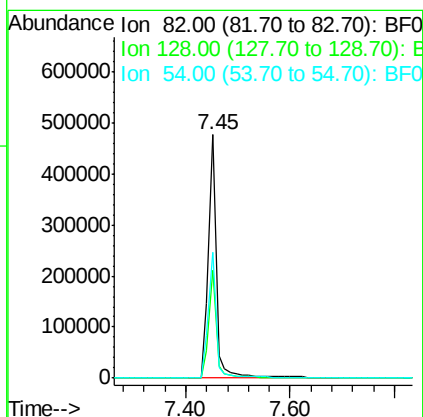
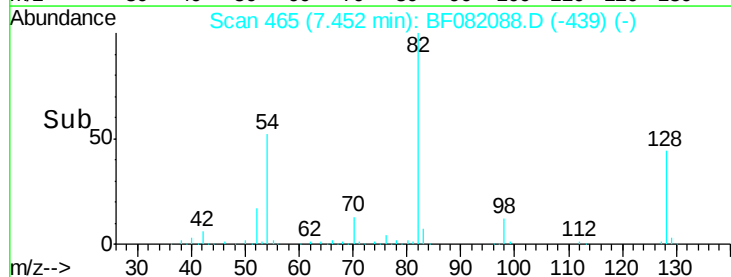
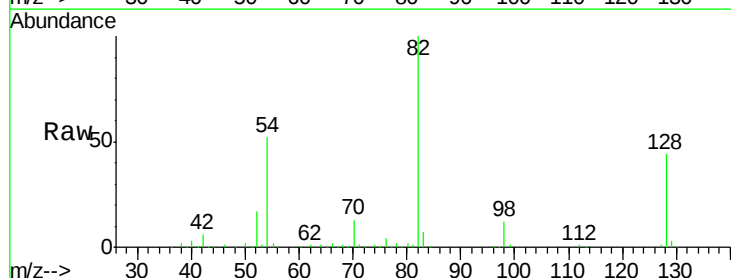
Instrument :
BNA_F
ClientSampleId :
WC093015

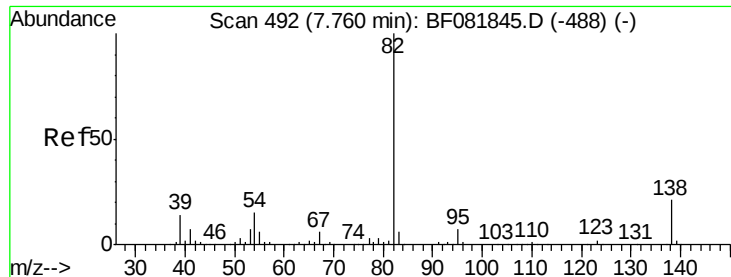
Tot Ion:	136	Resp:	331357
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.6
54	6.3	8.2	12.2#
68	4.1	5.8	8.6#



#23
Nitrobenzene-d5
Concen: 104.20 ng
RT: 7.45 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF082088.D
Acq: 6 Oct 2015 17:08

Tgt Ion:	82	Resp:	517985
Ion	Ratio	Lower	Upper
82	100		
128	44.2	51.0	76.6#
54	51.9	47.5	71.3





#25

Isophorone

Concen: 41.95 ng

RT: 7.45 min Scan# 465

Delta R.T. -0.26 min

Lab File: BF082088.D

Acq: 6 Oct 2015 17:08

Instrument :

BNA_F

ClientSampleID :

WC093015

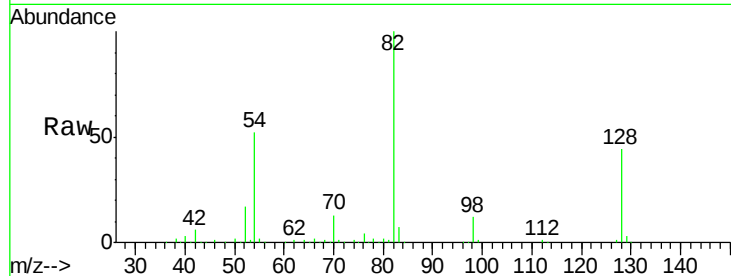
Tot Ion: 82 Resp: 413303

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

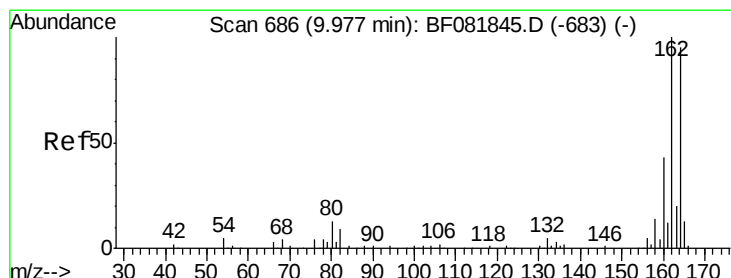
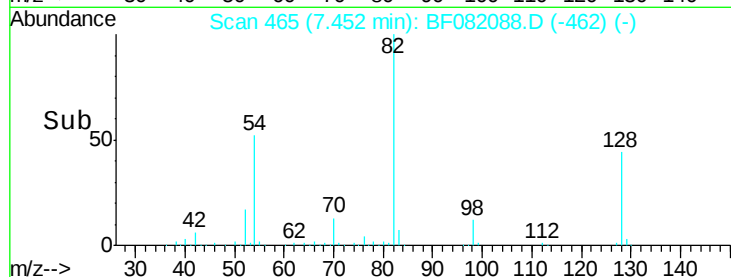
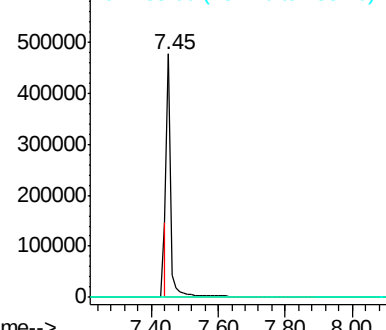
138 0.0 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.92 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF082088.D

Acq: 6 Oct 2015 17:08

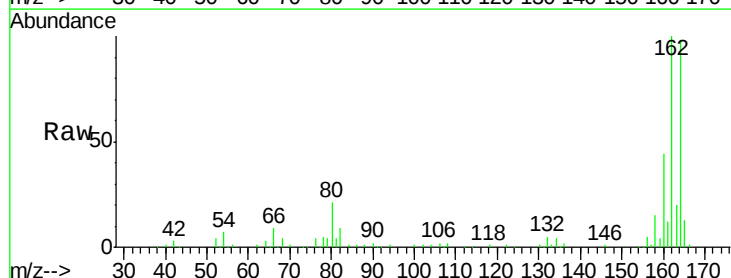
Tgt Ion:164 Resp: 151814

Ion Ratio Lower Upper

164 100

162 102.3 75.2 112.8

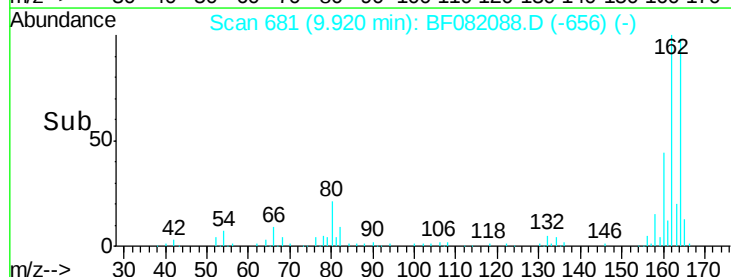
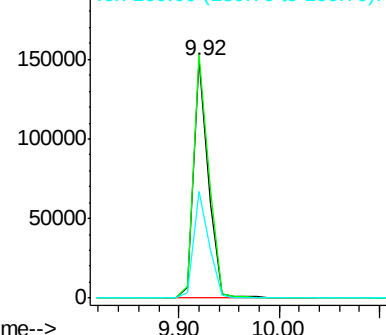
160 45.0 31.5 47.3

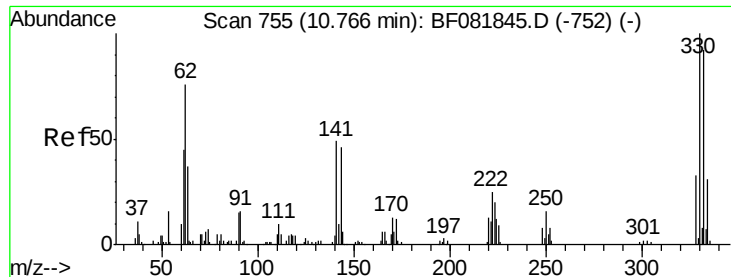


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

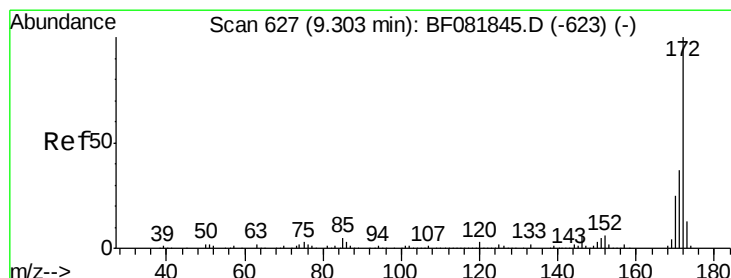
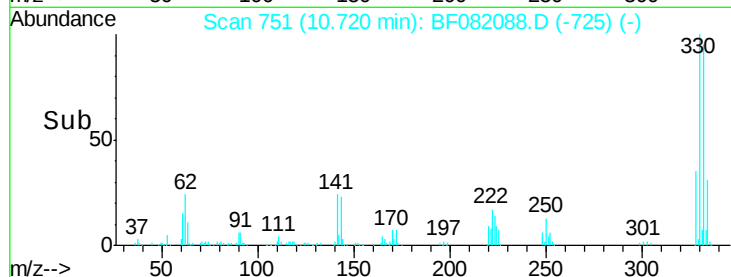
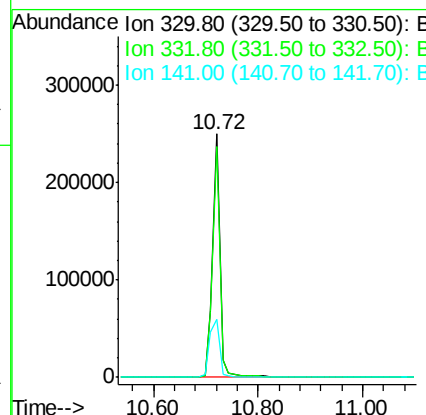
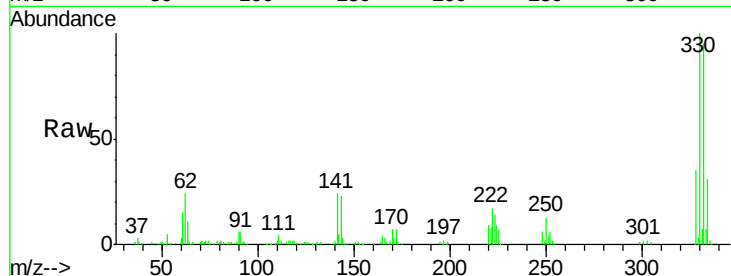




#41
 2,4,6-Tribromophenol
 Concen: 160.91 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF082088.D
 Acq: 6 Oct 2015 17:08

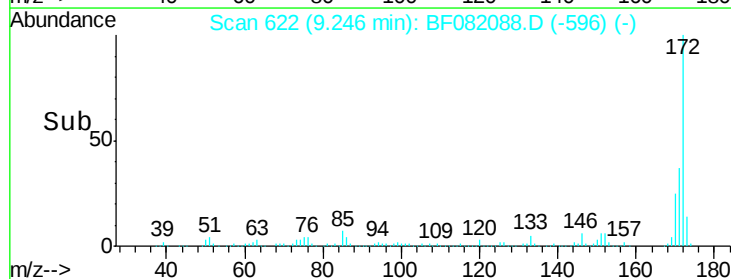
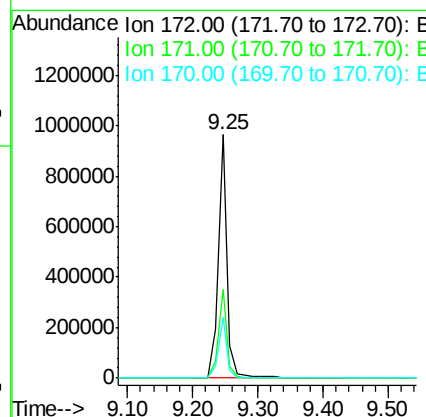
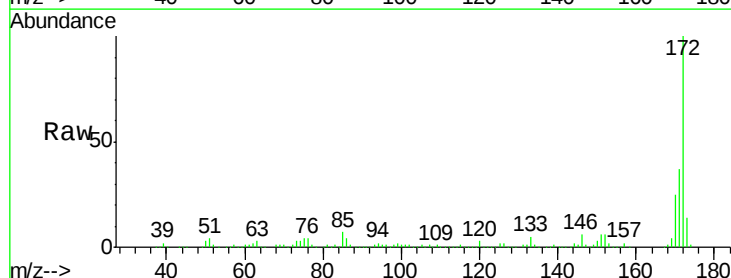
Instrument :
 BNA_F
 ClientSampleId :
 WC093015

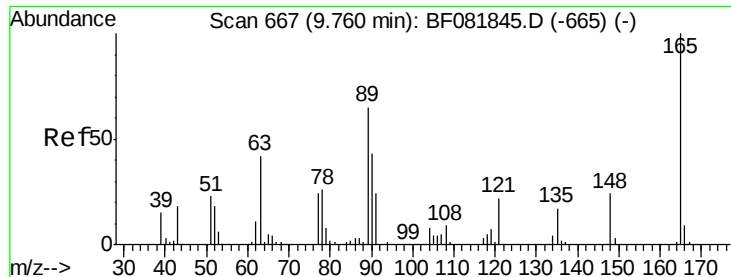
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.6	114.8
141	32.5	29.7	44.5



#44
 2-Fluorobiphenyl
 Concen: 108.53 ng
 RT: 9.25 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF082088.D
 Acq: 6 Oct 2015 17:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	26.1	39.1
170	24.8	17.4	26.2

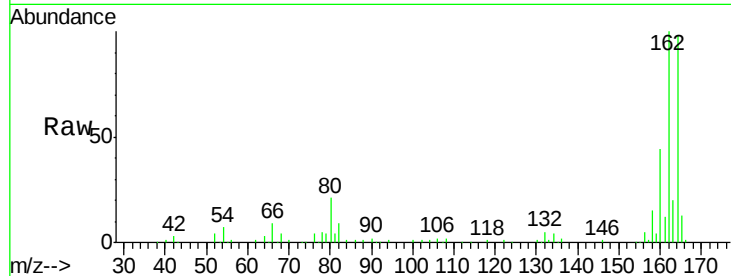




#50
 2,6-Dinitrotoluene
 Concen: 8.40 ng
 RT: 9.92 min Scan# 681
 Delta R.T. 0.21 min
 Lab File: BF082088.D
 Acq: 6 Oct 2015 17:08

Instrument :
 BNA_F
 ClientSampleId :
 WC093015

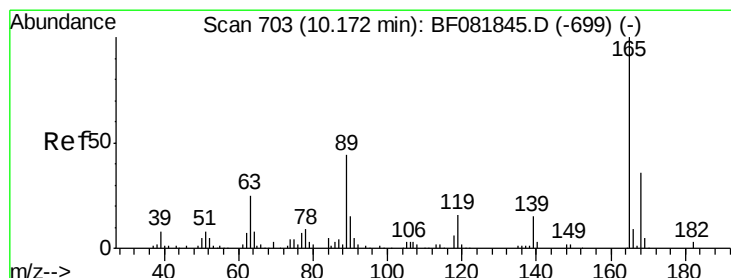
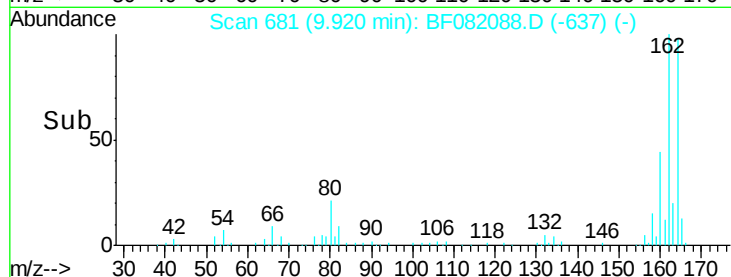
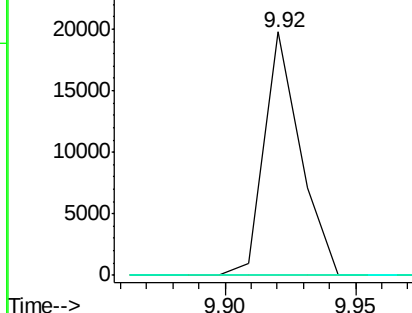
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.3	48.5#
89	0.0	28.6	43.0#



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: 6.59 ng
 RT: 9.92 min Scan# 681
 Delta R.T. -0.21 min
 Lab File: BF082088.D
 Acq: 6 Oct 2015 17:08

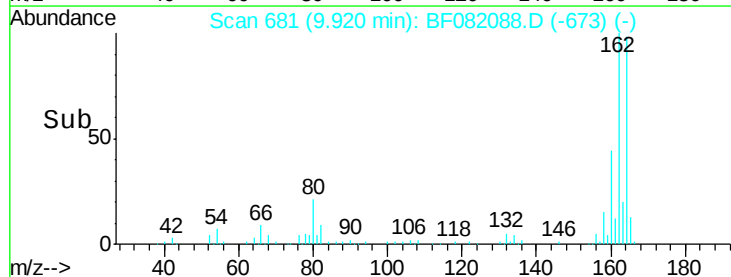
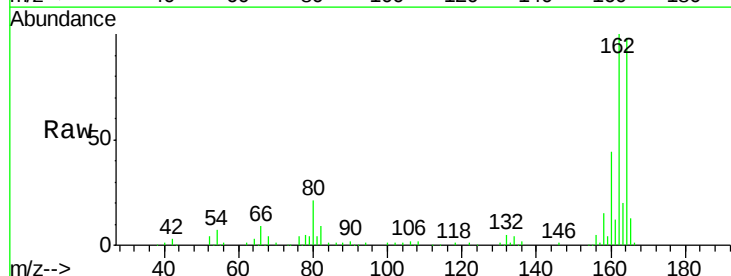
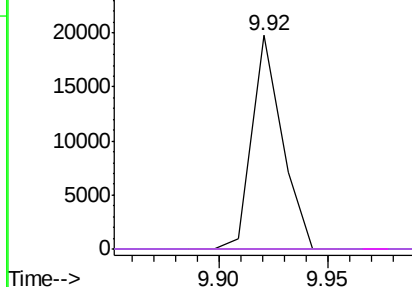
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#

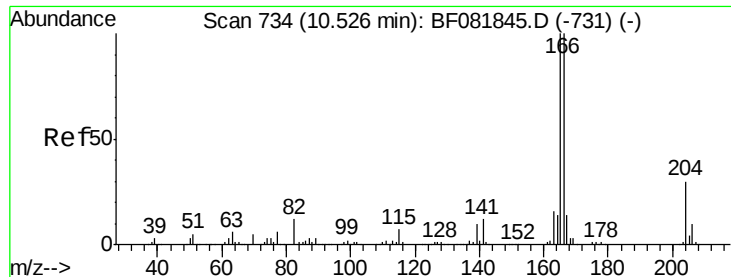
Abundance Ion 165.00 (164.70 to 165.70): E

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

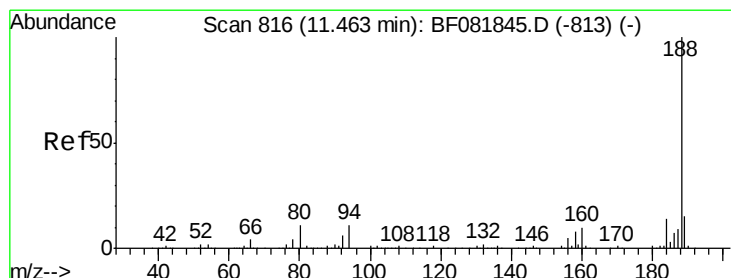
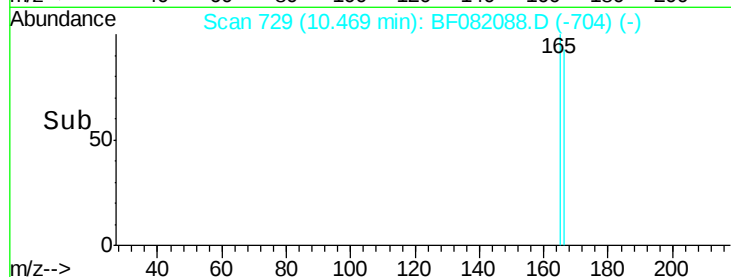
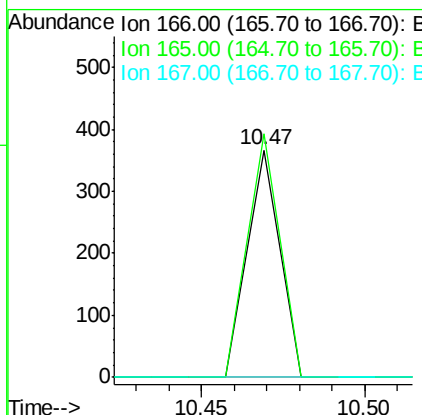
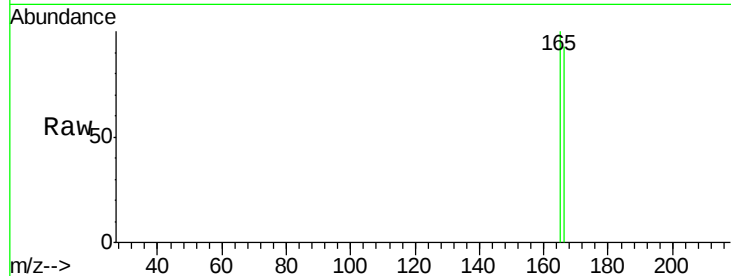




#57
Fluorene
 Concen: Below Cal
 RT: 10.47 min Scan# 729
 Delta R.T. -0.01 min
 Lab File: BF082088.D
 Acq: 6 Oct 2015 17:08

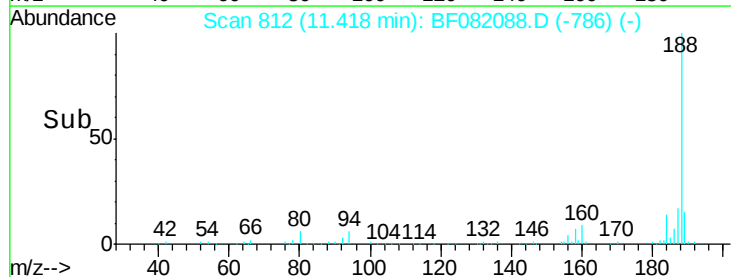
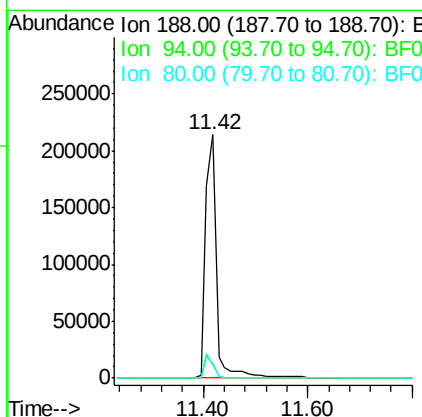
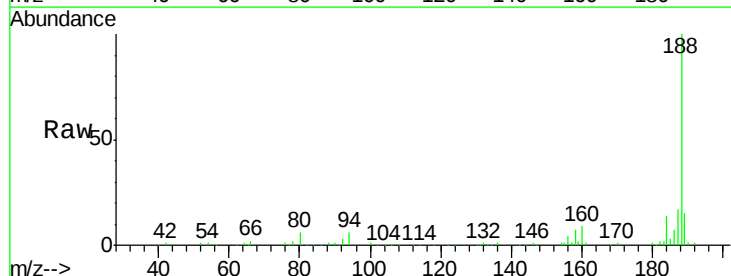
Instrument :
 BNA_F
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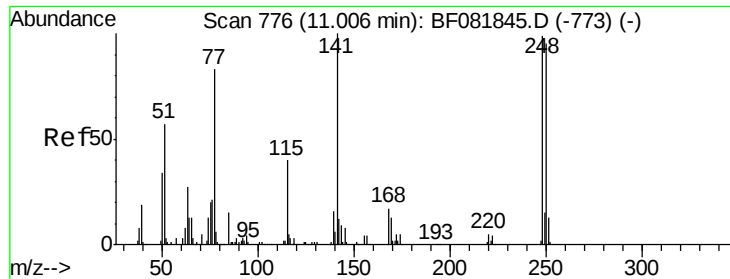
Tot Ion:166 Resp: 252
 Ion Ratio Lower Upper
 166 100
 165 107.1 72.6 109.0
 167 0.0 10.6 16.0#



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF082088.D
 Acq: 6 Oct 2015 17:08

Tgt Ion:188 Resp: 311200
 Ion Ratio Lower Upper
 188 100
 94 5.8 11.1 16.7#
 80 5.7 11.0 16.4#

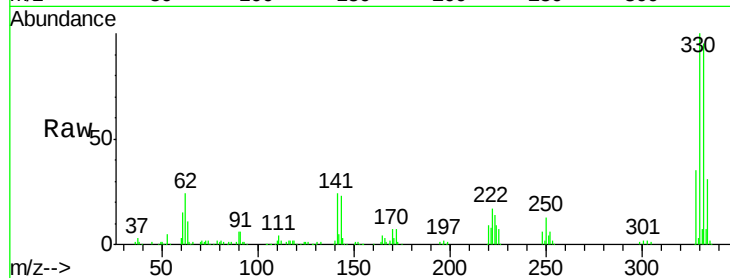




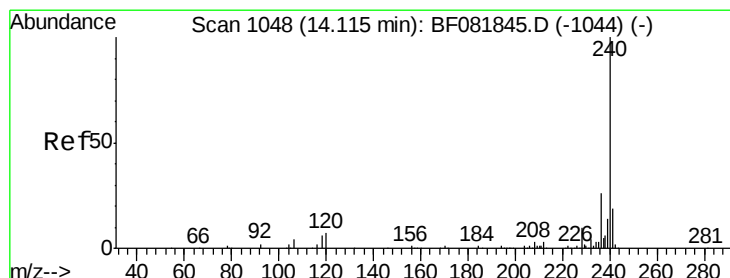
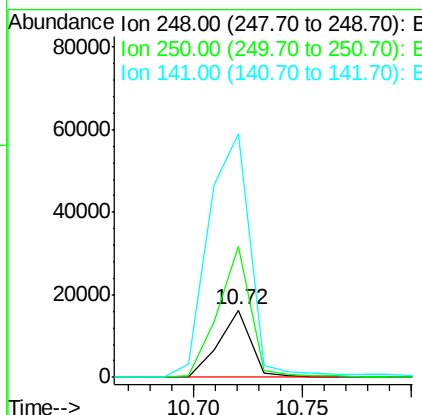
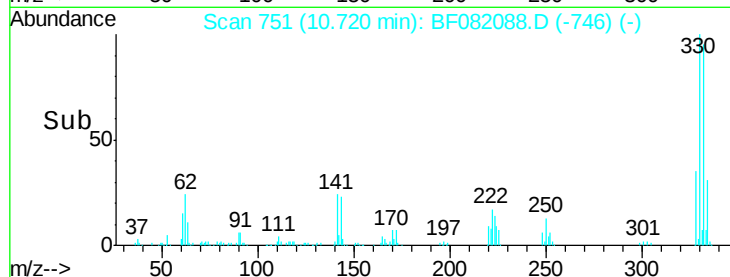
#66
 4-Bromophenyl-phenylether
 Concen: 5.27 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.24 min
 Lab File: BF082088.D
 Acq: 6 Oct 2015 17:08

Instrument :
 BNA_F
 ClientSampleId :
 WC093015

Tot Ion:248 Resp: 16533
 Ion Ratio Lower Upper
 248 100
 250 195.9 78.5 117.7#
 141 363.6 59.0 88.6#

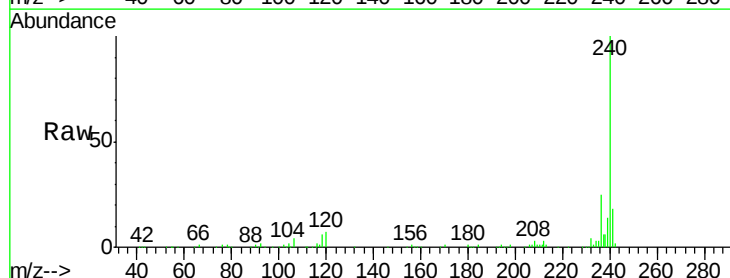


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

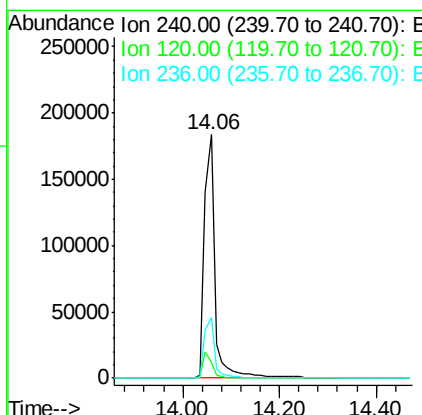
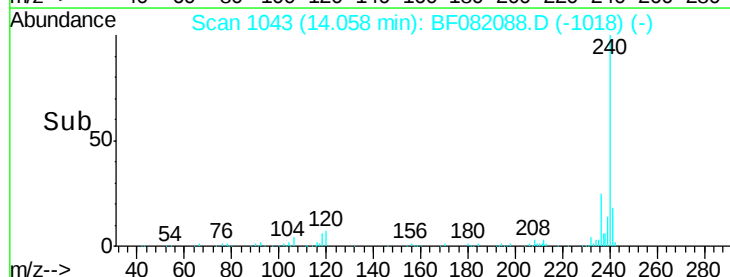


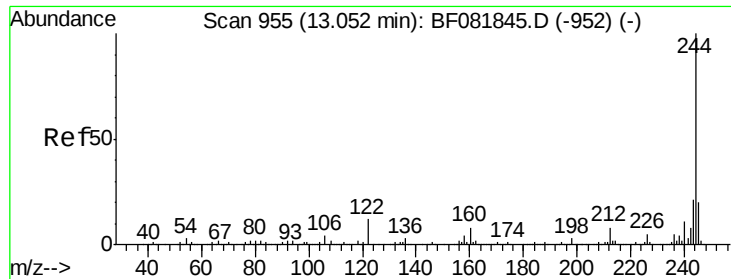
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.06 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF082088.D
 Acq: 6 Oct 2015 17:08

Tgt Ion:240 Resp: 276325
 Ion Ratio Lower Upper
 240 100
 120 6.5 16.2 24.2#
 236 25.1 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

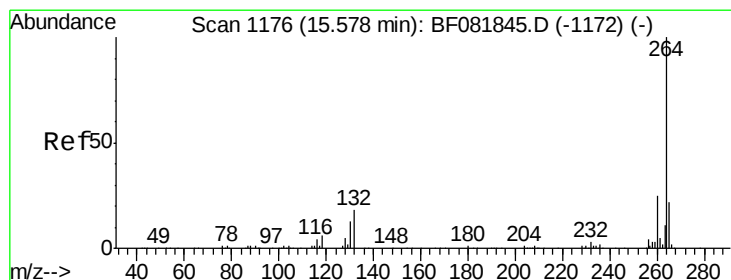
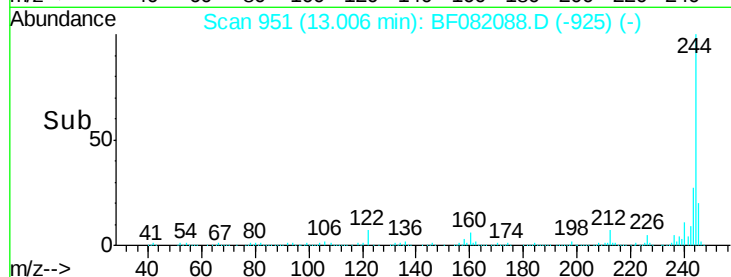
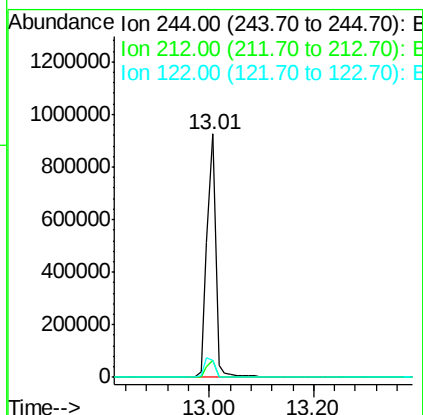
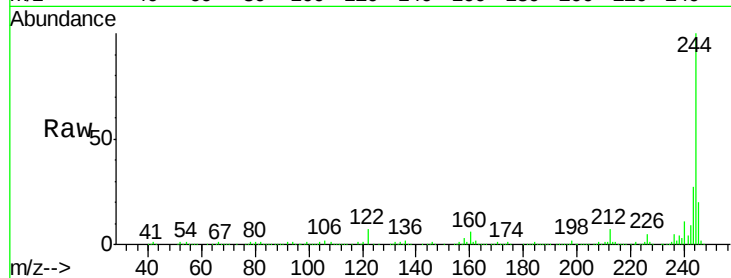




#78
 Terphenyl-d14
 Concen: 179.65 ng
 RT: 13.01 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF082088.D
 Acq: 6 Oct 2015 17:08

Instrument :
 BNA_F
 ClientSampleId :
 WC093015

Tot Ion:244 Resp: 1088404
 Ion Ratio Lower Upper
 244 100
 212 7.0 4.3 6.5#
 122 7.1 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF082088.D
 Acq: 6 Oct 2015 17:08

Tgt Ion:264 Resp: 203983
 Ion Ratio Lower Upper
 264 100
 260 24.1 16.7 25.1
 265 21.7 17.2 25.8

