

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100715\
 Data File : BF082115.D
 Acq On : 7 Oct 2015 20:34
 Operator : UM/IZ
 Sample : G3991-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-1

Quant Time: Oct 08 02:54:25 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 08 02:46:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	83253	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	343464	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	163347	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	335200	20.00	ng	0.00
75) Chrysene-d12	14.05	240	326233	20.00	ng	-0.01
86) Perylene-d12	15.49	264	251767	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	263548	57.47	ng	0.00
7) Phenol-d6	6.49	99	190867	33.07	ng	-0.01
23) Nitrobenzene-d5	7.44	82	491580	95.41	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	229938	138.99	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	994482	107.26	ng	-0.01
78) Terphenyl-d14	12.99	244	1116462	127.68	ng	0.00

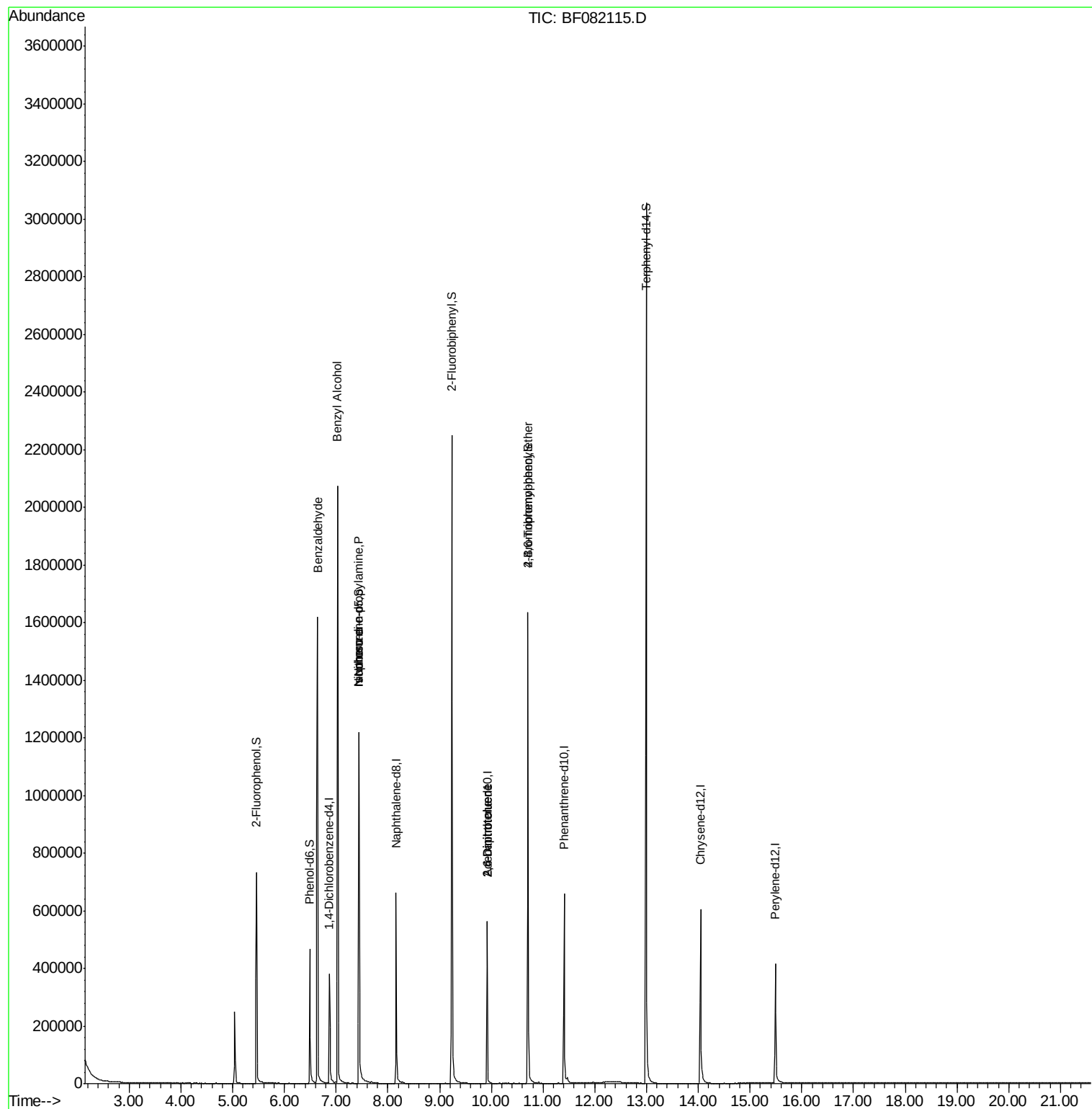
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.64	77	11739	3.11	ng	# 65
15) Benzyl Alcohol	7.03	79	8415	2.02	ng	# 32
19) n-Nitroso-di-n-propylamine	7.44	70	61791	17.62	ng	# 57
25) Isophorone	7.44	82	427349	41.85	ng	# 58
50) 2,6-Dinitrotoluene	9.92	165	19666	8.03	ng	# 37
56) 2,4-Dinitrotoluene	9.92	165	19668	6.30	ng	# 31
57) Fluorene	10.71	166	10528	Below Cal		# 88
66) 4-Bromophenyl-phenylether	10.71	248	15494	4.58	ng	# 1
73) Di-n-butylphthalate	11.97	149	2216	Below Cal		# 78

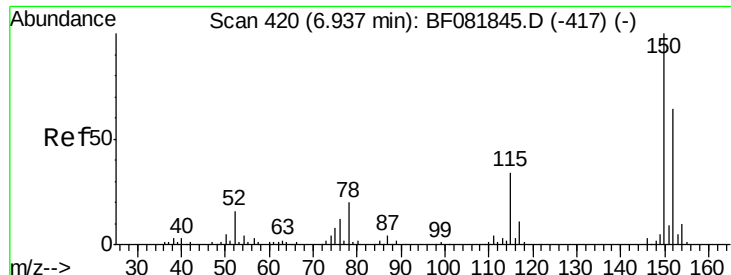
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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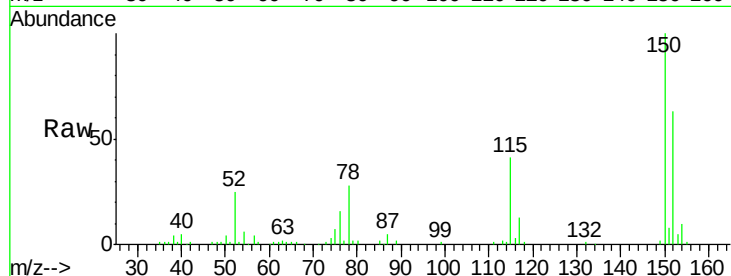


#1

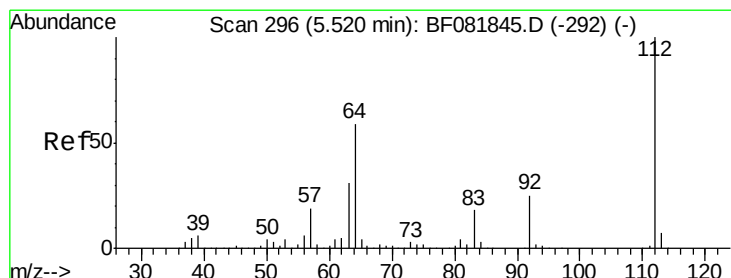
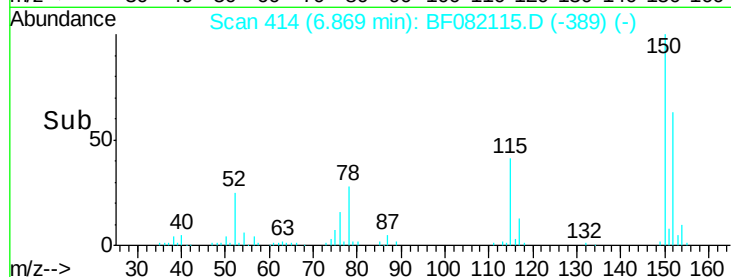
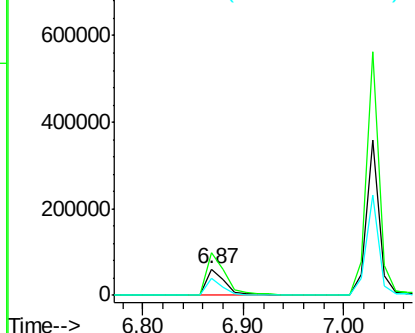
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF082115.D
Acq: 7 Oct 2015 20:34

Instrument :
BNA_F
ClientSampleId :
FB-1

Tot Ion:152 Resp: 83253
Ion Ratio Lower Upper
152 100
150 158.3 124.7 187.1
115 64.3 39.0 58.4#



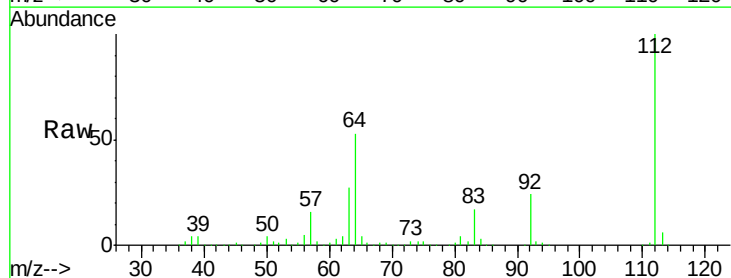
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



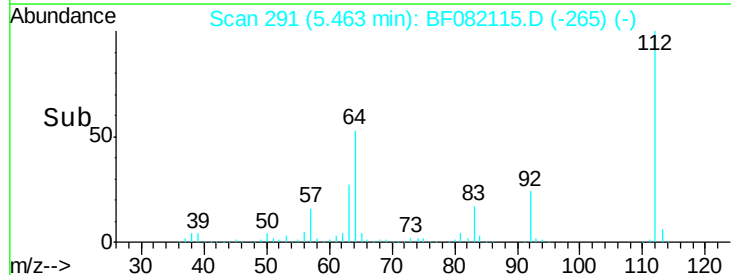
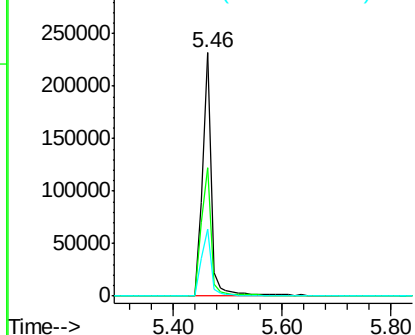
#5

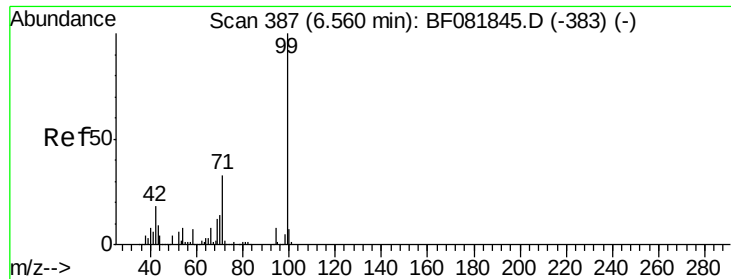
2-Fluorophenol
Concen: 57.47 ng
RT: 5.46 min Scan# 291
Delta R.T. -0.00 min
Lab File: BF082115.D
Acq: 7 Oct 2015 20:34

Tgt Ion:112 Resp: 263548
Ion Ratio Lower Upper
112 100
64 52.9 39.7 59.5
63 27.3 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: 33.07 ng

RT: 6.49 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF082115.D

Acq: 7 Oct 2015 20:34

Instrument :

BNA_F

ClientSampleId :

FB-1

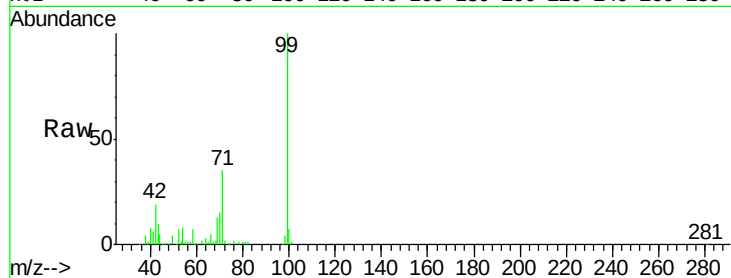
Tot Ion: 99 Resp: 190867

Ion Ratio Lower Upper

99 100

42 19.4 13.7 20.5

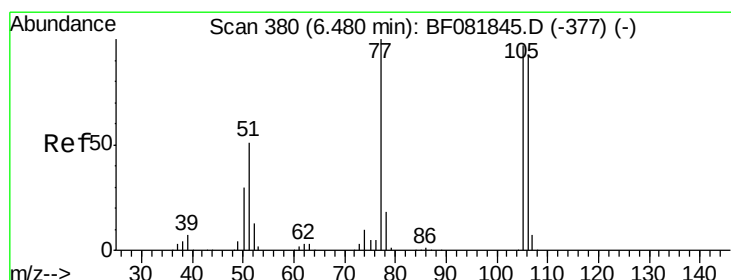
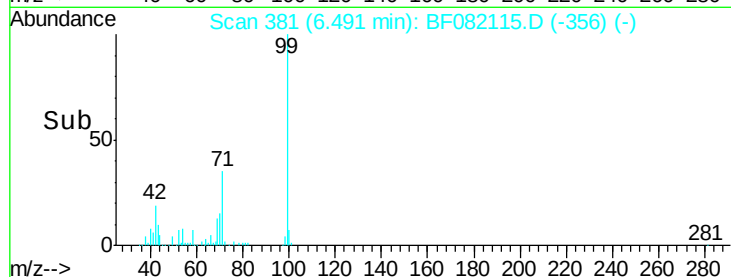
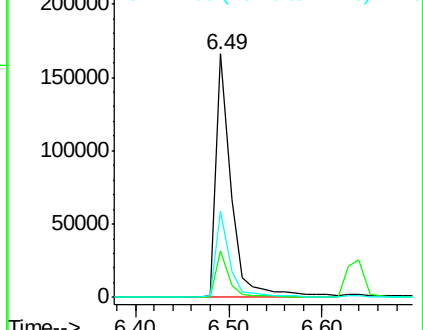
71 35.3 14.2 21.2#



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



#9

Benzaldehyde

Concen: 3.11 ng

RT: 6.64 min Scan# 394

Delta R.T. 0.22 min

Lab File: BF082115.D

Acq: 7 Oct 2015 20:34

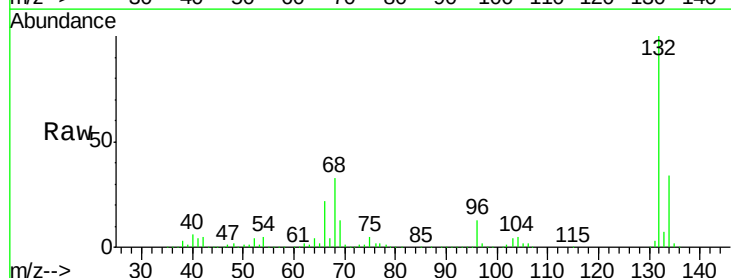
Tgt Ion: 77 Resp: 11739

Ion Ratio Lower Upper

77 100

105 82.3 91.6 131.6#

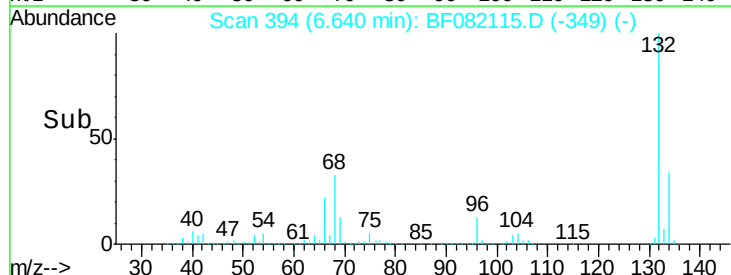
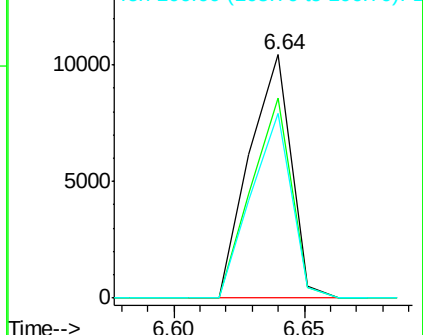
106 76.1 102.6 142.6#

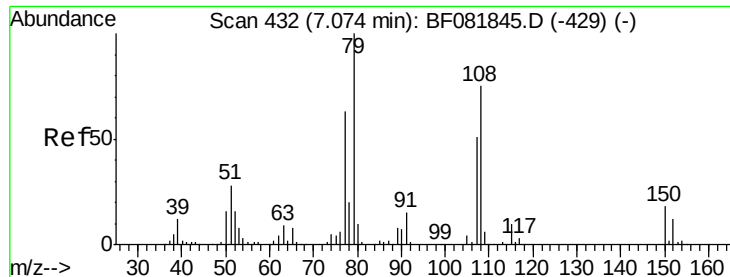


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.02 ng

RT: 7.03 min Scan# 428

Delta R.T. 0.01 min

Lab File: BF082115.D

Acq: 7 Oct 2015 20:34

Instrument :

BNA_F

ClientSampleId :

FB-1

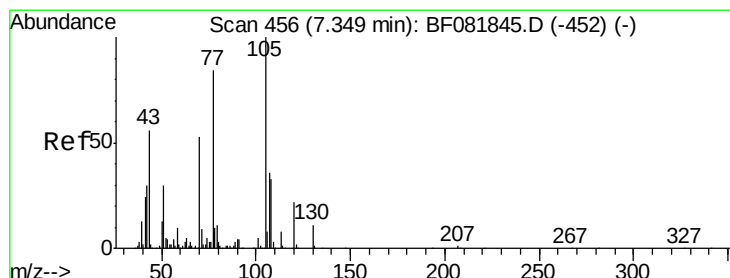
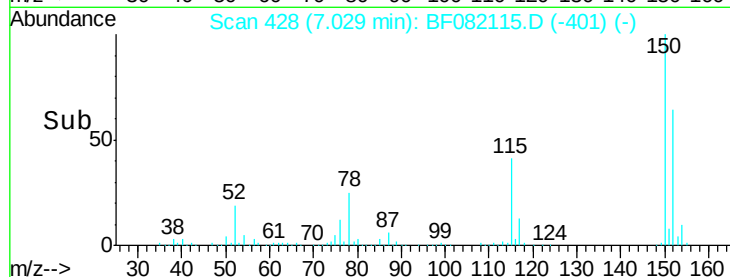
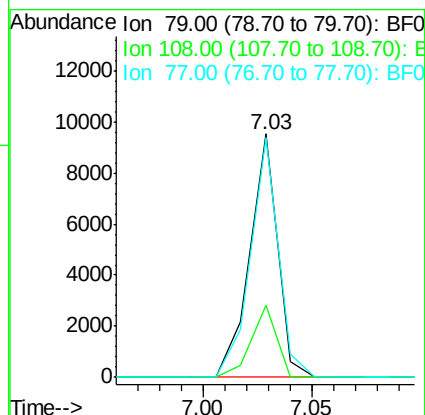
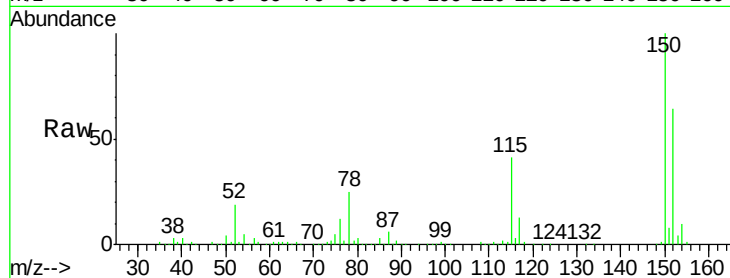
Tot Ion: 79 Resp: 8415

Ion Ratio Lower Upper

79 100

108 29.7 88.6 132.8#

77 98.6 47.0 70.4#



#19

n-Nitroso-di-n-propylamine

Concen: 17.62 ng

RT: 7.44 min Scan# 464

Delta R.T. 0.15 min

Lab File: BF082115.D

Acq: 7 Oct 2015 20:34

Tgt Ion: 70 Resp: 61791

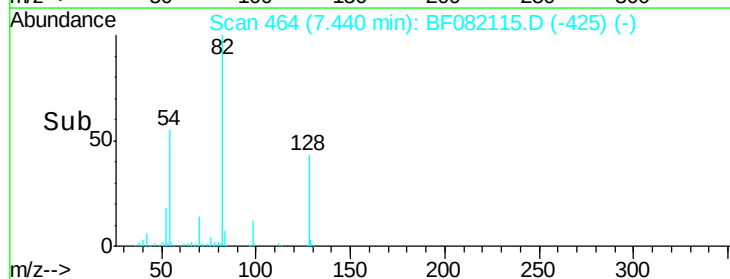
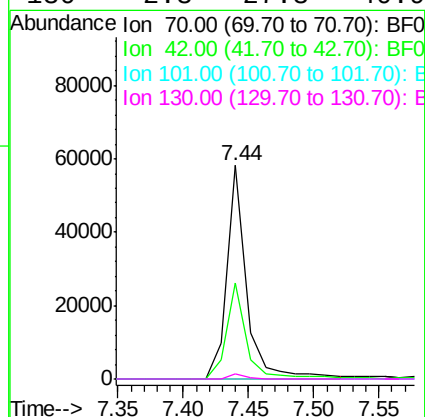
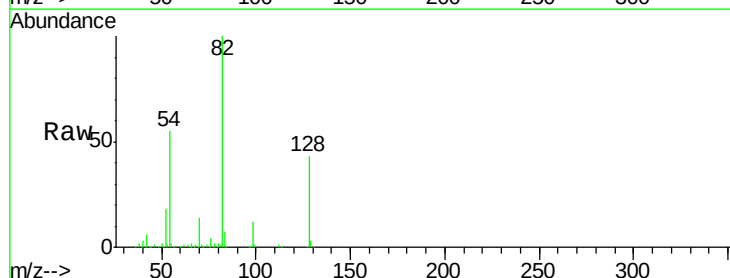
Ion Ratio Lower Upper

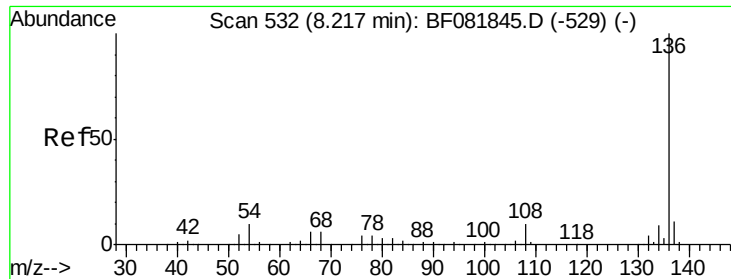
70 100

42 45.2 63.8 95.6#

101 0.0 9.2 13.8#

130 2.3 27.3 40.9#

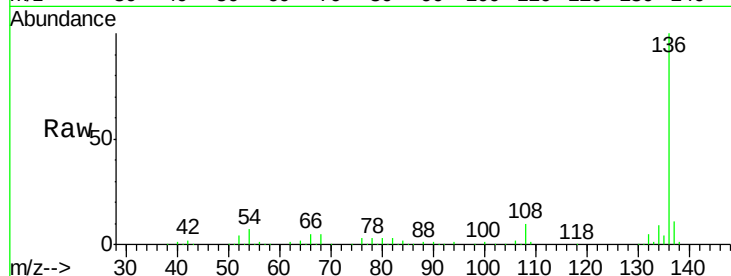




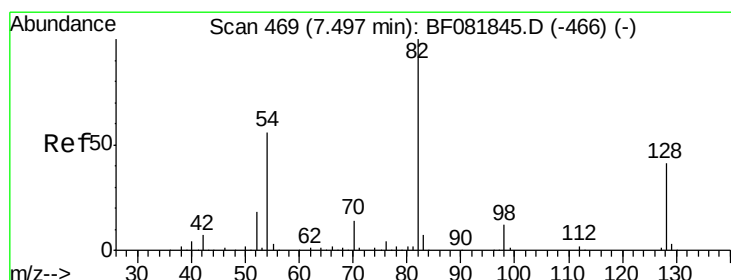
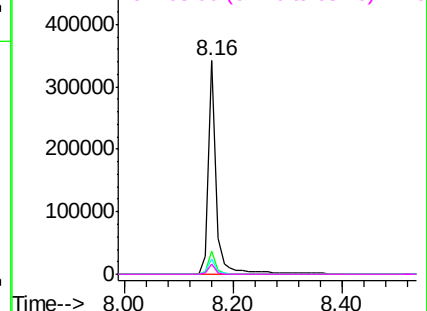
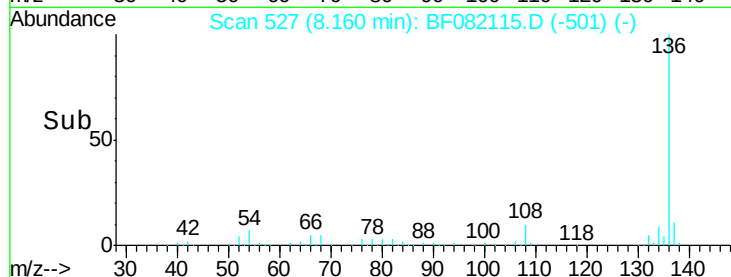
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF082115.D
Acq: 7 Oct 2015 20:34

Instrument :
BNA_F
ClientSampleId :
FB-1

Tot Ion:	136	Resp:	343464
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.6
54	7.5	8.2	12.2#
68	4.9	5.8	8.6#

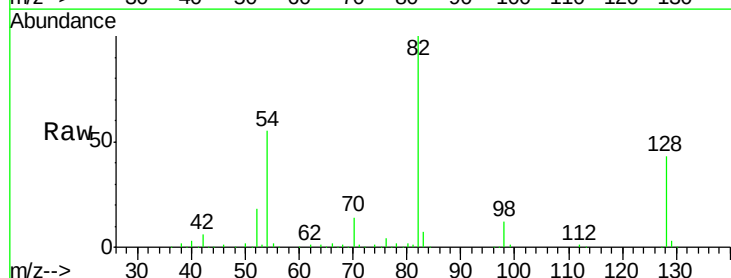


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

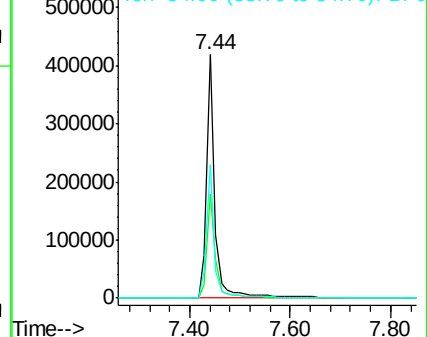
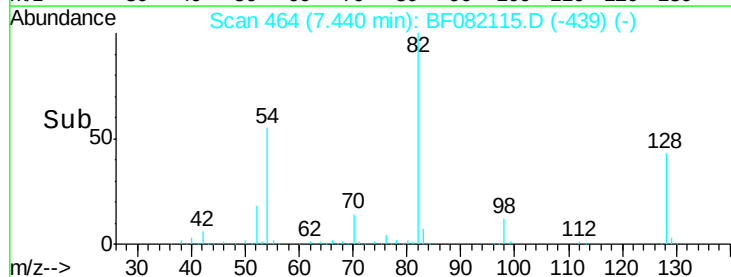


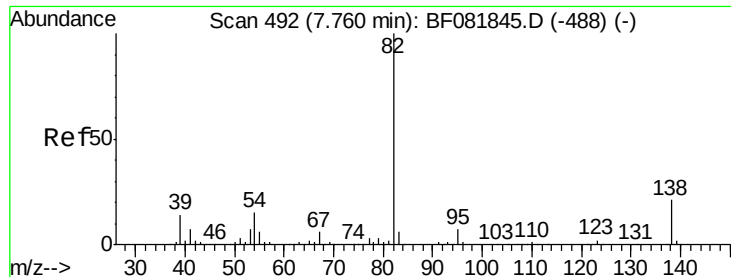
#23
Nitrobenzene-d5
Concen: 95.41 ng
RT: 7.44 min Scan# 464
Delta R.T. -0.01 min
Lab File: BF082115.D
Acq: 7 Oct 2015 20:34

Tgt Ion:	82	Resp:	491580
Ion	Ratio	Lower	Upper
82	100		
128	42.7	51.0	76.6#
54	54.7	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: 41.85 ng

RT: 7.44 min Scan# 464

Delta R.T. -0.26 min

Lab File: BF082115.D

Acq: 7 Oct 2015 20:34

Instrument :

BNA_F

ClientSampleId :

FB-1

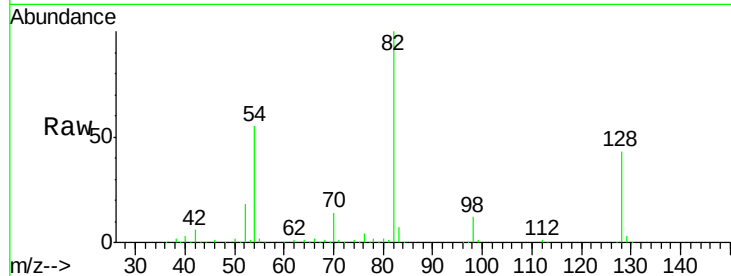
Tot Ion: 82 Resp: 427349

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

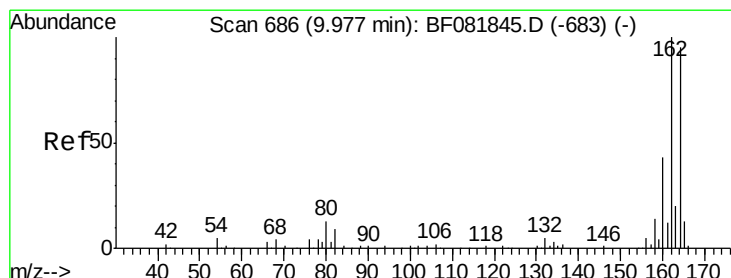
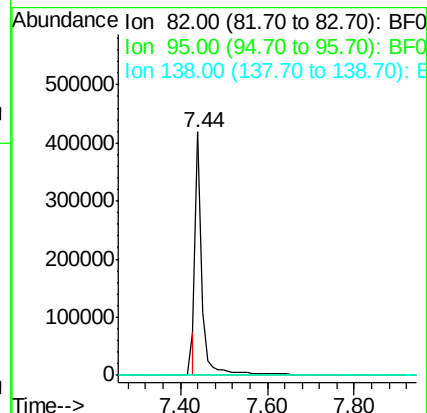
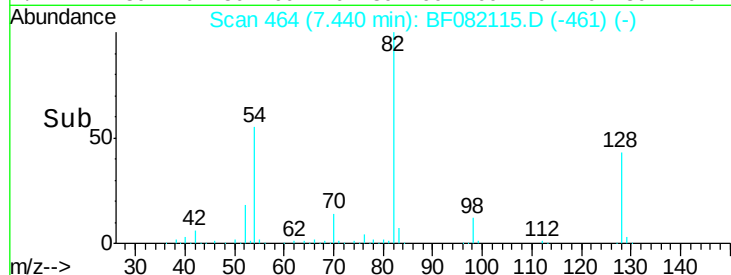
138 0.0 18.3 27.5#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.92 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF082115.D

Acq: 7 Oct 2015 20:34

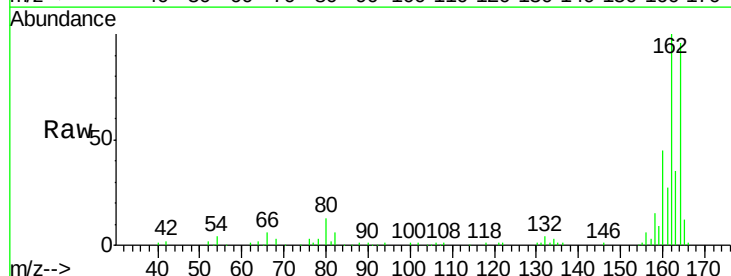
Tgt Ion:164 Resp: 163347

Ion Ratio Lower Upper

164 100

162 104.6 75.2 112.8

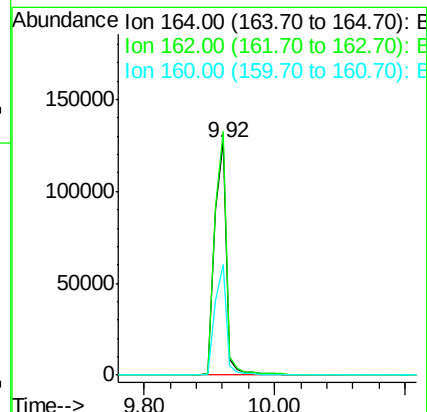
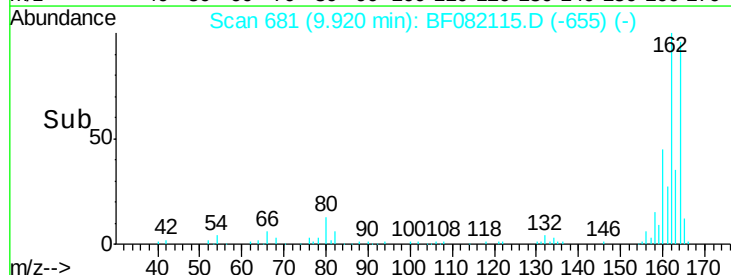
160 47.2 31.5 47.3

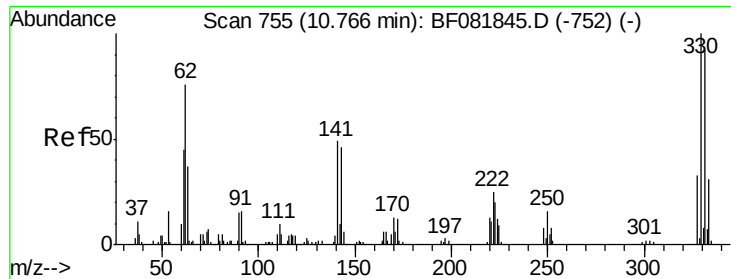


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

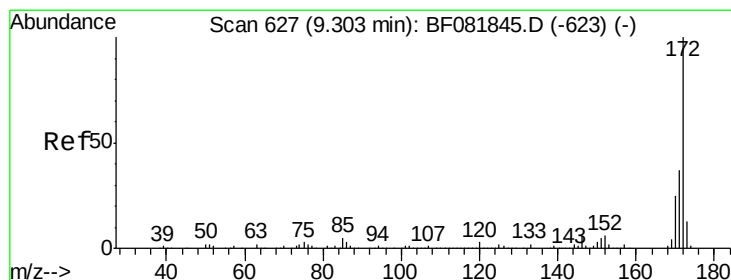
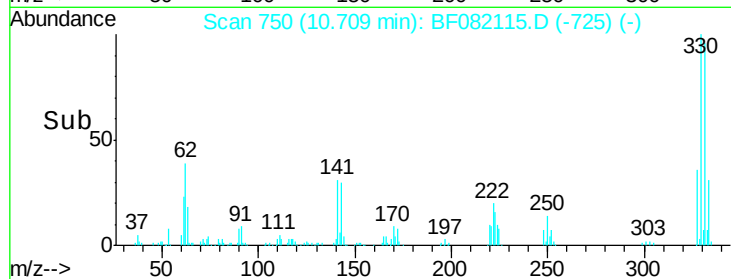
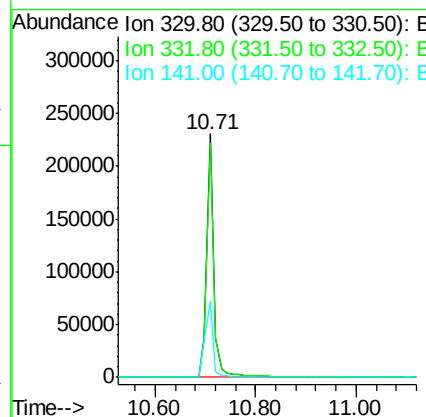
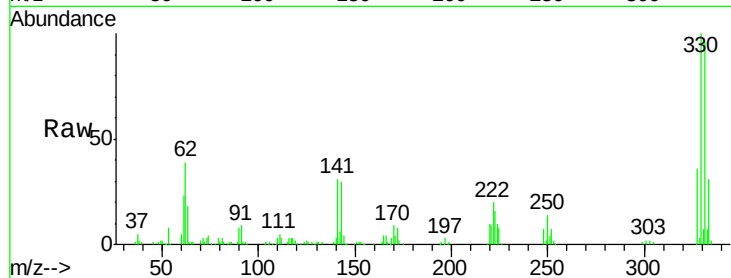




#41
 2,4,6-Tribromophenol
 Concen: 138.99 ng
 RT: 10.71 min Scan# 750
 Delta R.T. -0.01 min
 Lab File: BF082115.D
 Acq: 7 Oct 2015 20:34

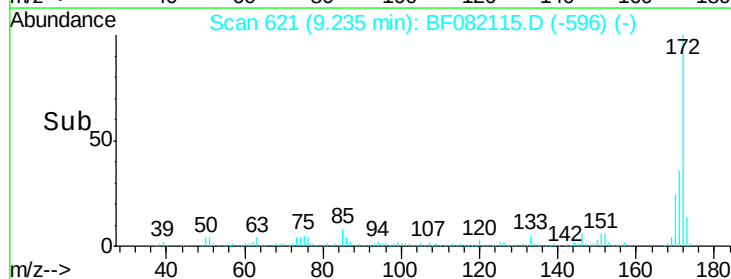
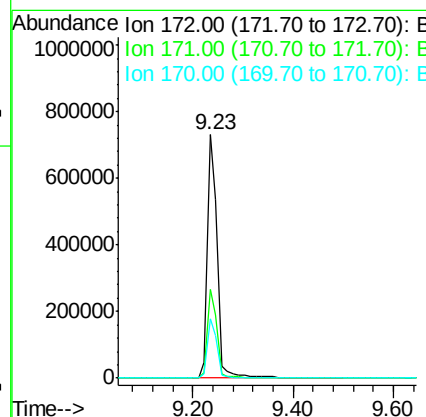
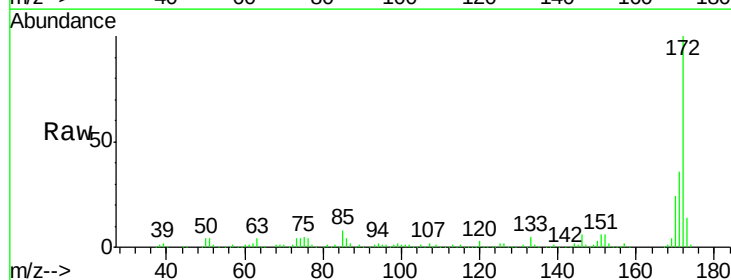
Instrument :
 BNA_F
 ClientSampleId :
 FB-1

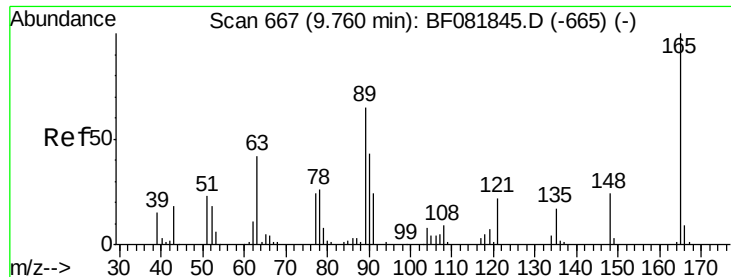
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	114.8
141	35.4	29.7	44.5



#44
 2-Fluorobiphenyl
 Concen: 107.26 ng
 RT: 9.23 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF082115.D
 Acq: 7 Oct 2015 20:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	26.1	39.1
170	24.4	17.4	26.2

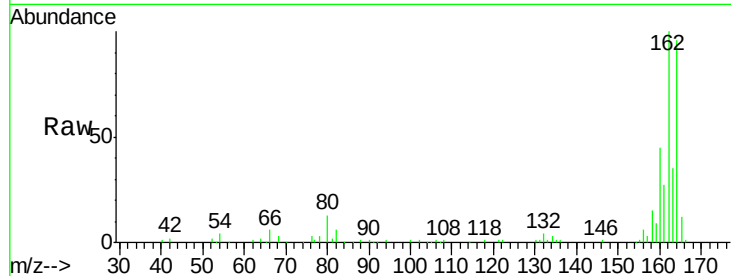




#50
 2,6-Dinitrotoluene
 Concen: 8.03 ng
 RT: 9.92 min Scan# 681
 Delta R.T. 0.21 min
 Lab File: BF082115.D
 Acq: 7 Oct 2015 20:34

Instrument :
 BNA_F
 ClientSampleId :
 FB-1

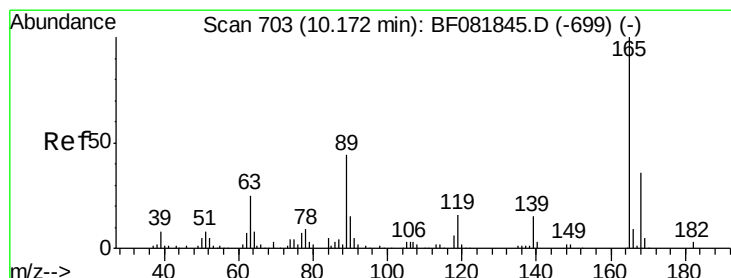
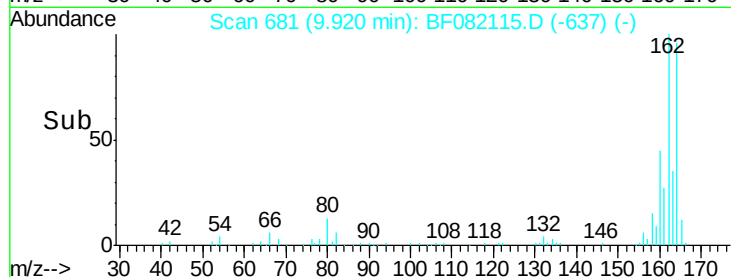
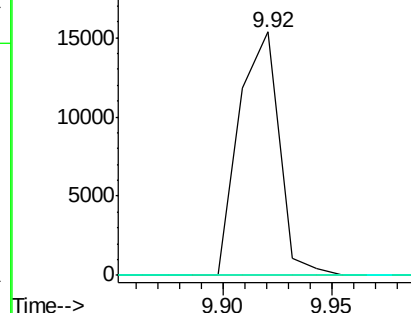
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.3	48.5#
89	0.0	28.6	43.0#



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: 6.30 ng
 RT: 9.92 min Scan# 681
 Delta R.T. -0.19 min
 Lab File: BF082115.D
 Acq: 7 Oct 2015 20:34

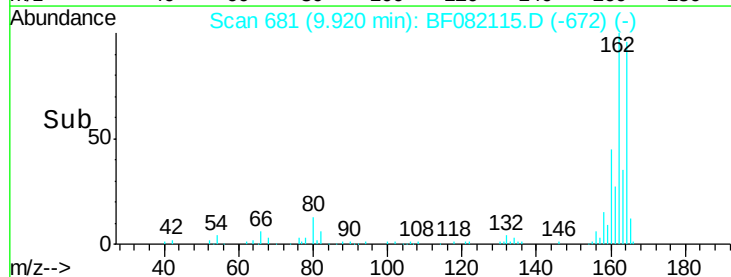
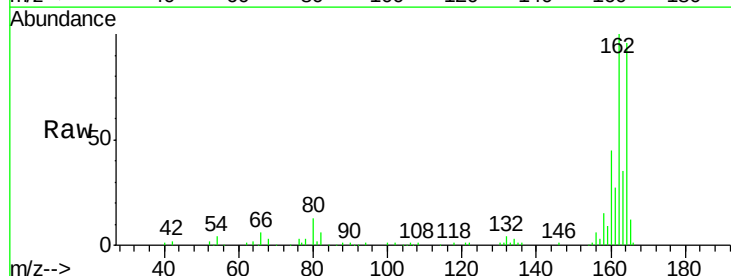
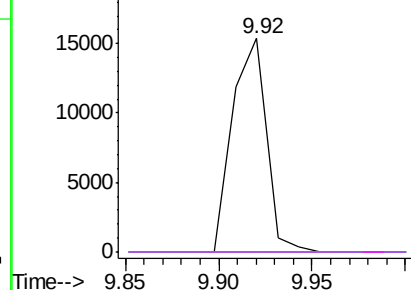
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#

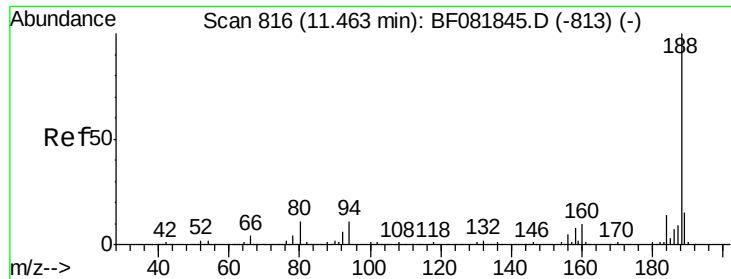
Abundance Ion 165.00 (164.70 to 165.70): E

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

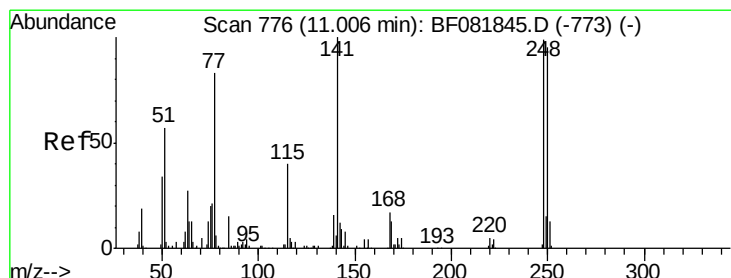
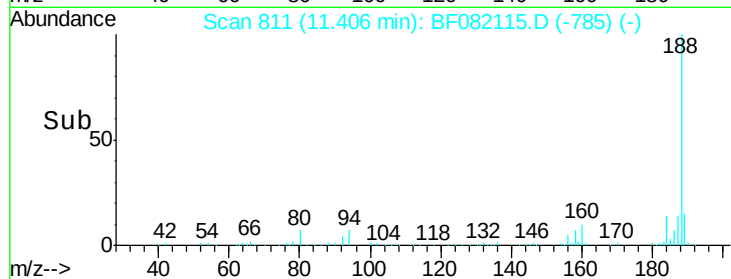
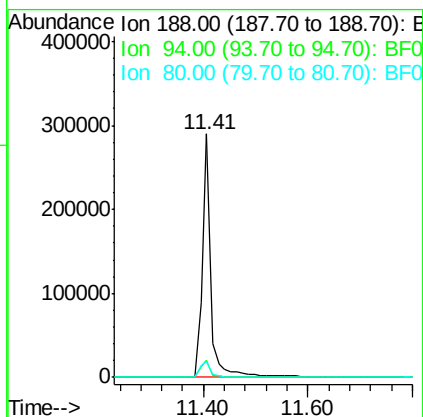
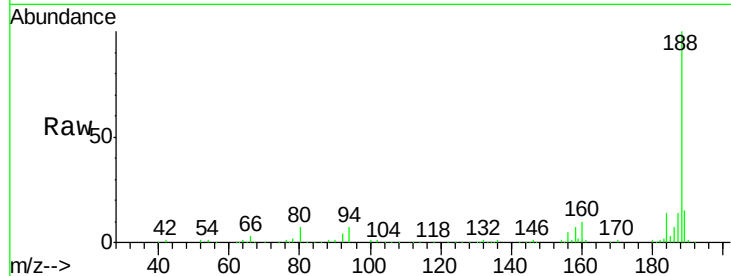




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF082115.D
 Acq: 7 Oct 2015 20:34

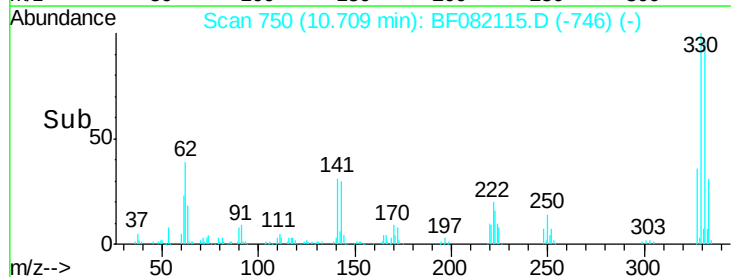
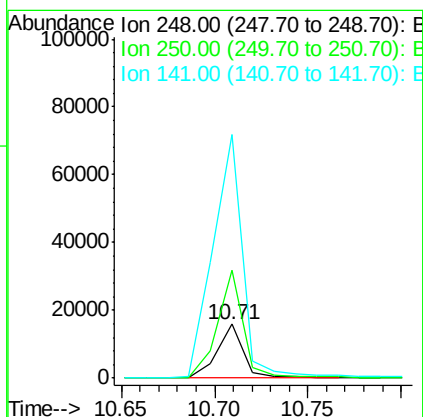
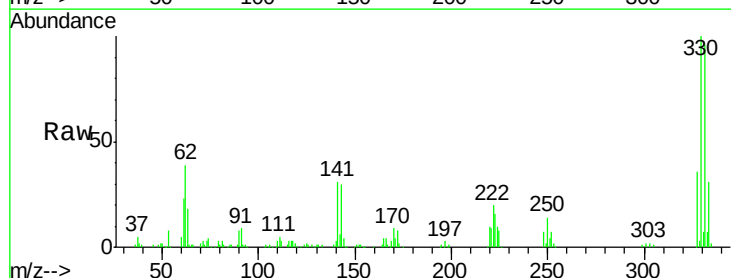
Instrument :
 BNA_F
 ClientSampleId :
 FB-1

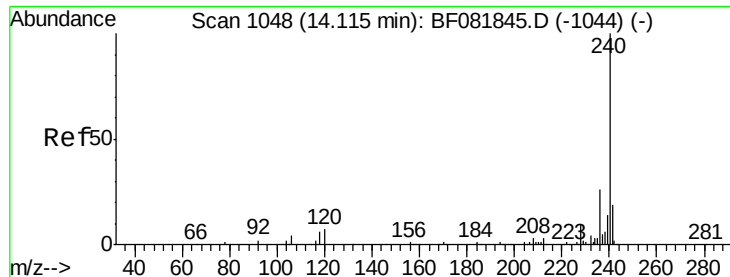
Tot Ion:188 Resp: 335200
 Ion Ratio Lower Upper
 188 100
 94 6.8 11.1 16.7#
 80 6.7 11.0 16.4#



#66
 4-Bromophenyl-phenylether
 Concen: 4.58 ng
 RT: 10.71 min Scan# 750
 Delta R.T. -0.25 min
 Lab File: BF082115.D
 Acq: 7 Oct 2015 20:34

Tgt Ion:248 Resp: 15494
 Ion Ratio Lower Upper
 248 100
 250 198.7 78.5 117.7#
 141 450.0 59.0 88.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF082115.D

Acq: 7 Oct 2015 20:34

Instrument :

BNA_F

ClientSampleId :

FB-1

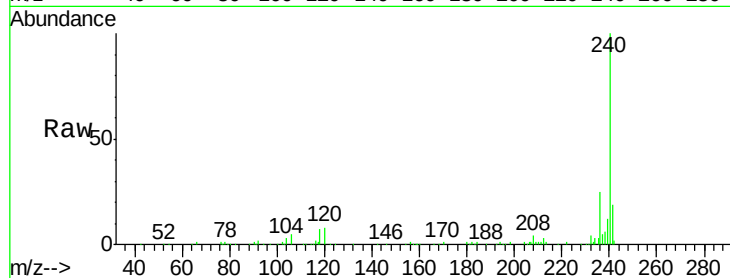
Tot Ion:240 Resp: 326233

Ion Ratio Lower Upper

240 100

120 7.6 16.2 24.2#

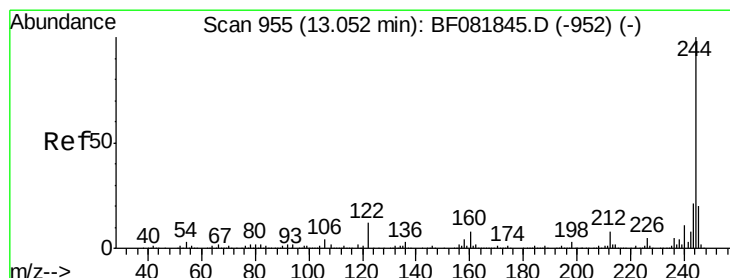
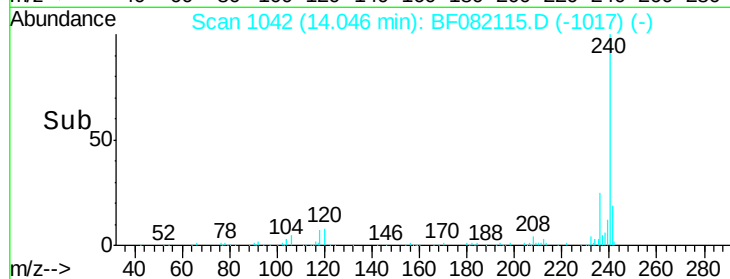
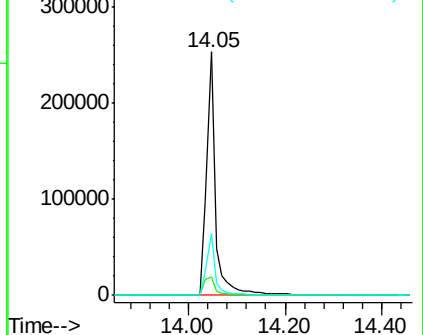
236 25.4 18.4 27.6



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: 127.68 ng

RT: 12.99 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF082115.D

Acq: 7 Oct 2015 20:34

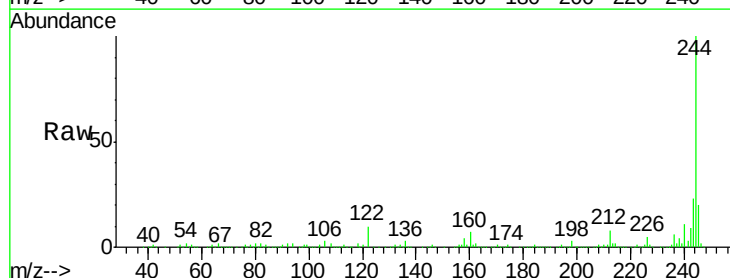
Tgt Ion:244 Resp: 1116462

Ion Ratio Lower Upper

244 100

212 7.8 4.3 6.5#

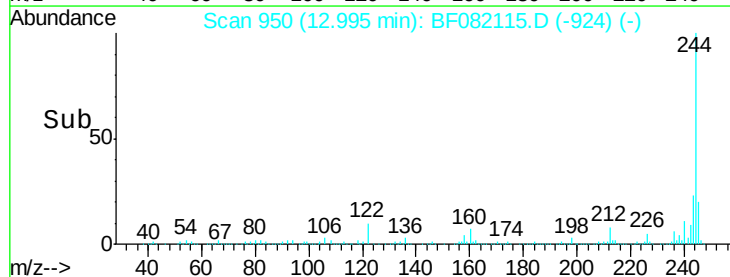
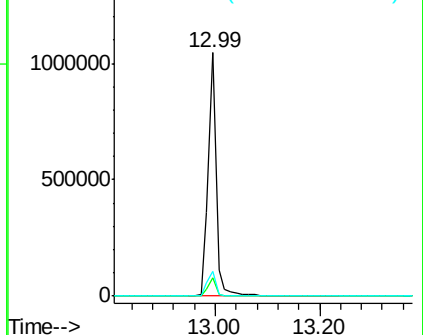
122 10.1 17.4 26.2#

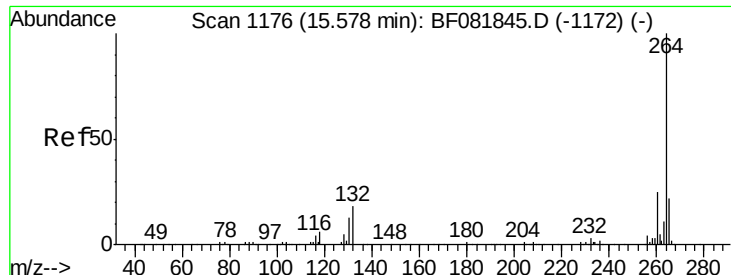


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

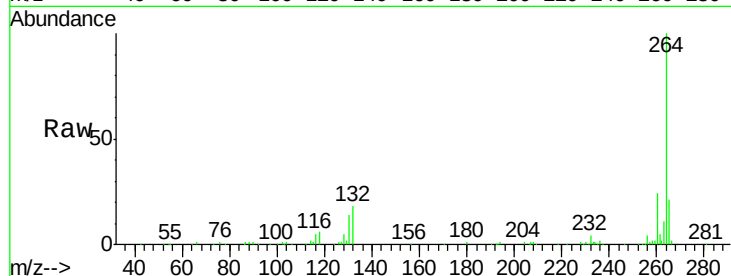




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF082115.D
 Acq: 7 Oct 2015 20:34

Instrument :
 BNA_F
 ClientSampleId :
 FB-1

Tot Ion:264 Resp: 251767
 Ion Ratio Lower Upper
 264 100
 260 23.7 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

