

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100715\
 Data File : BF082111.D
 Acq On : 7 Oct 2015 18:32
 Operator : UM/IZ
 Sample : G3917-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC100215-S

Quant Time: Oct 08 02:53:34 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	87455	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	353251	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	171028	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	346625	20.00	ng	0.00
75) Chrysene-d12	14.05	240	337582	20.00	ng	-0.01
86) Perylene-d12	15.49	264	260345	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	594126	123.32	ng	0.01
7) Phenol-d6	6.50	99	688781	113.62	ng	0.00
23) Nitrobenzene-d5	7.44	82	519618	98.05	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	250163	144.43	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	1033438	106.19	ng	-0.01
78) Terphenyl-d14	12.99	244	1129619	122.65	ng	0.00

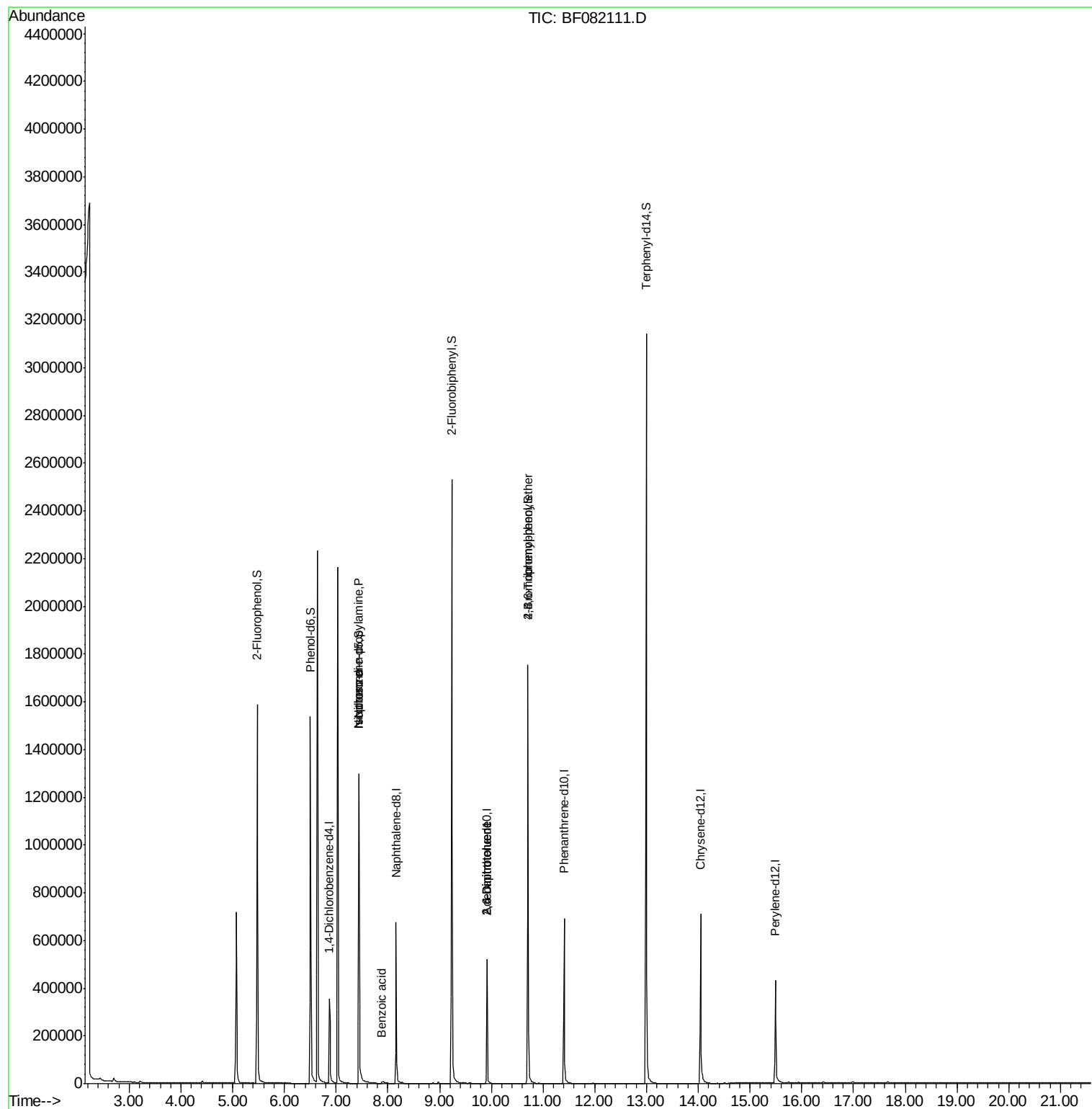
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.44	70	65900	17.89	ng	# 57
25) Isophorone	7.44	82	456033	43.42	ng	# 58
32) Benzoic acid	7.89	122	5957	9.08	ng	# 55
50) 2,6-Dinitrotoluene	9.91	165	21259	8.29	ng	# 37
56) 2,4-Dinitrotoluene	9.91	165	21260	6.51	ng	# 31
57) Fluorene	10.47	166	362	Below Cal		# 91
66) 4-Bromophenyl-phenylether	10.71	248	17127	4.90	ng	# 1
70) Phenanthrene	11.43	178	1695	Below Cal		# 62
73) Di-n-butylphthalate	11.97	149	2019	Below Cal		# 78

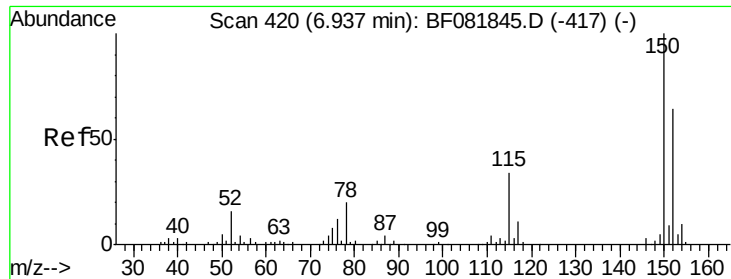
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF082111.D

Acq: 7 Oct 2015 18:32

Instrument :

BNA_F

ClientSampleId :

WC100215-S

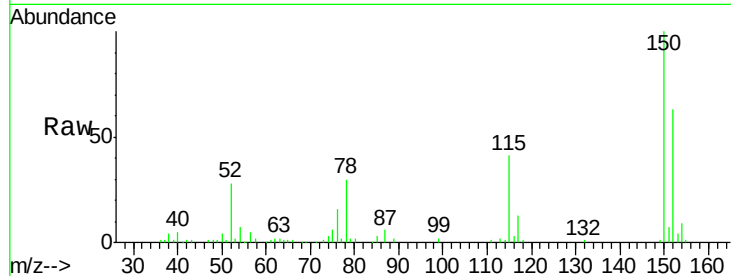
Tot Ion:152 Resp: 87455

Ion Ratio Lower Upper

152 100

150 159.1 124.7 187.1

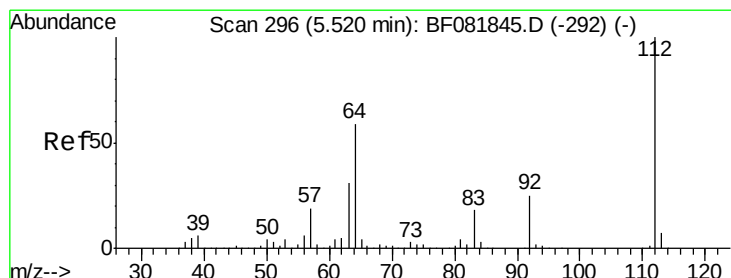
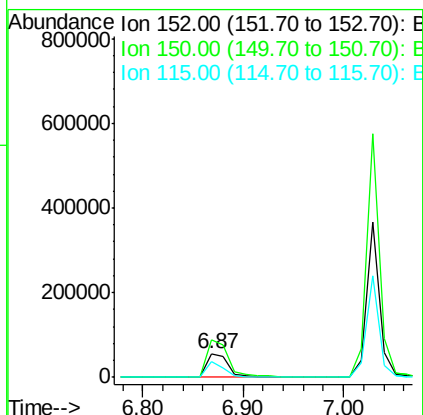
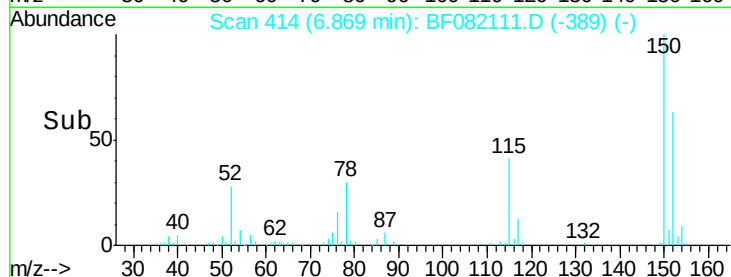
115 65.3 39.0 58.4#



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: 123.32 ng

RT: 5.47 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF082111.D

Acq: 7 Oct 2015 18:32

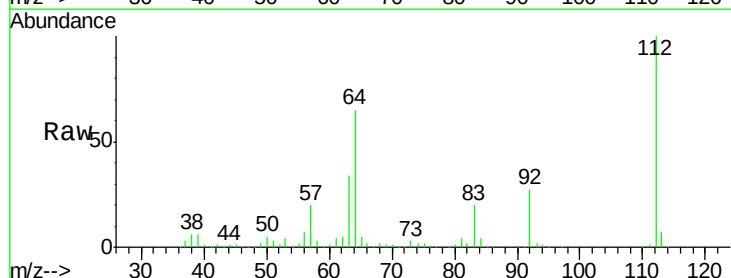
Tgt Ion:112 Resp: 594126

Ion Ratio Lower Upper

112 100

64 65.3 39.7 59.5#

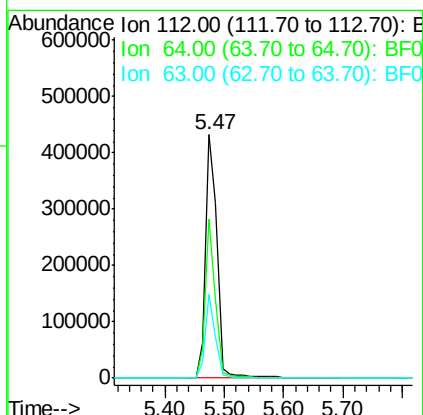
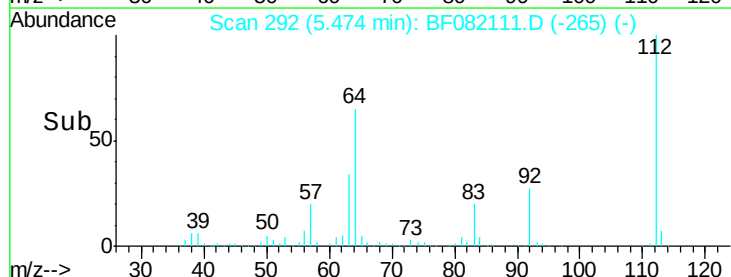
63 34.1 17.4 26.0#

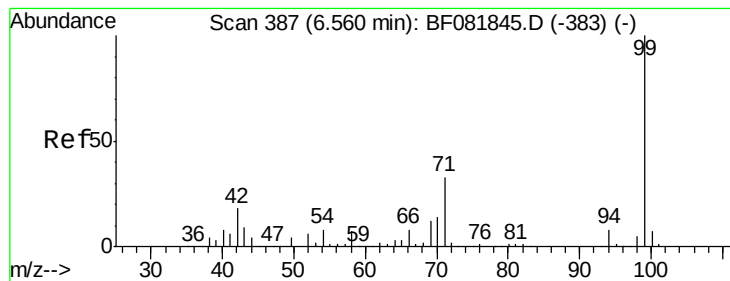


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 113.62 ng

RT: 6.50 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF082111.D

Acq: 7 Oct 2015 18:32

Instrument :

BNA_F

ClientSampleId :

WC100215-S

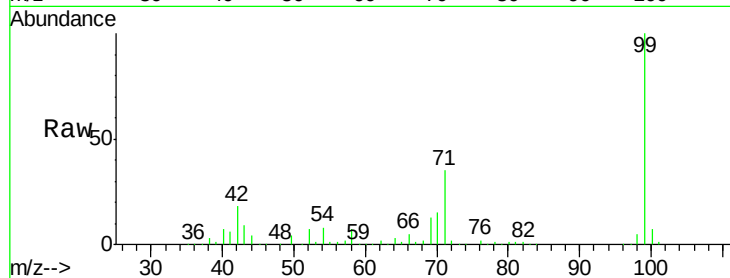
Tot Ion: 99 Resp: 688781

Ion Ratio Lower Upper

99 100

42 18.5 13.7 20.5

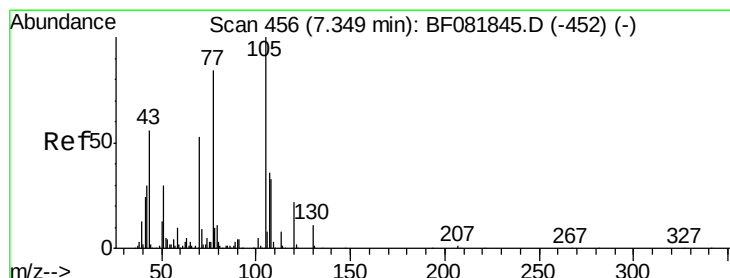
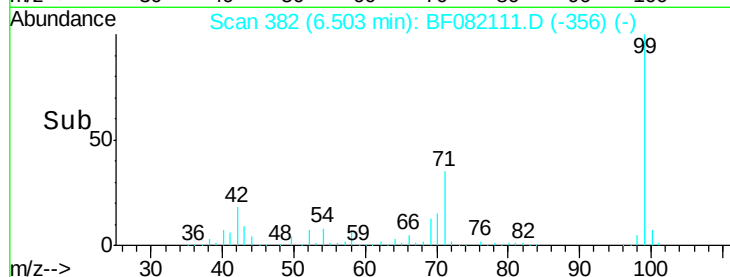
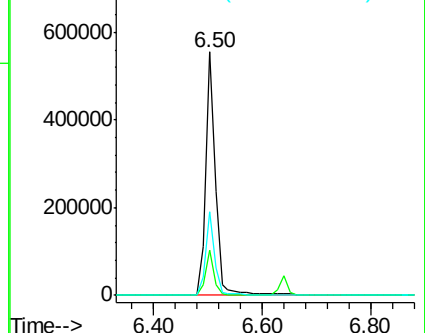
71 34.6 14.2 21.2#



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: 17.89 ng

RT: 7.44 min Scan# 464

Delta R.T. 0.15 min

Lab File: BF082111.D

Acq: 7 Oct 2015 18:32

Tgt Ion: 70 Resp: 65900

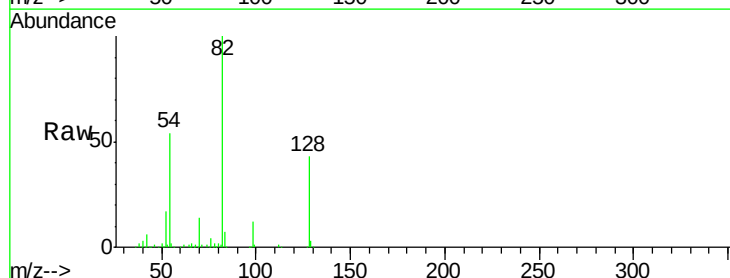
Ion Ratio Lower Upper

70 100

42 45.5 63.8 95.6#

101 0.0 9.2 13.8#

130 2.3 27.3 40.9#

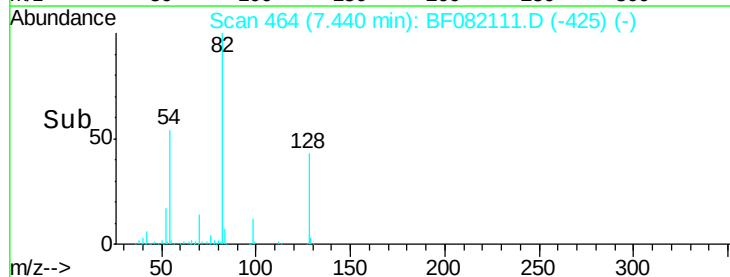
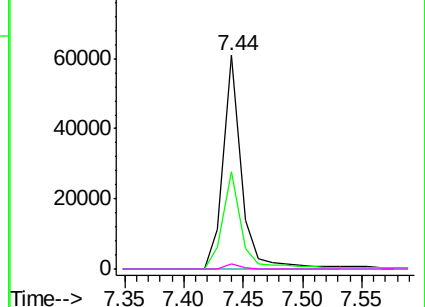


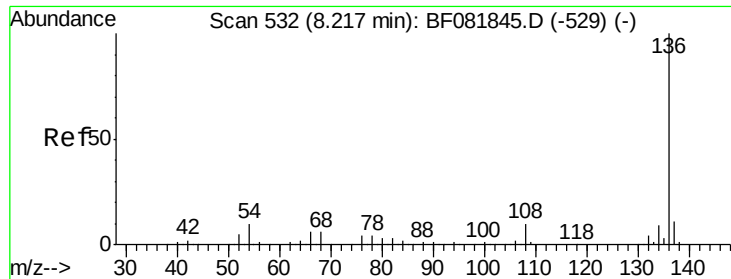
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

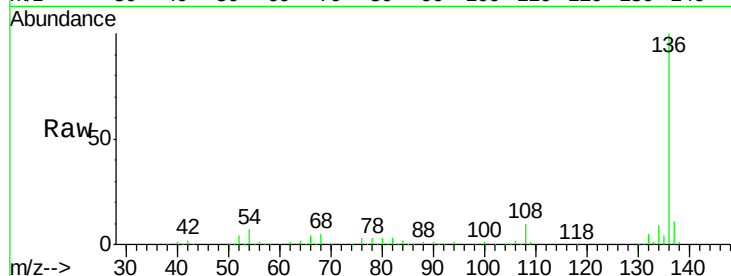




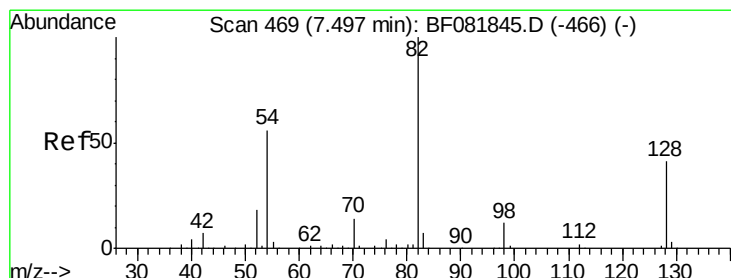
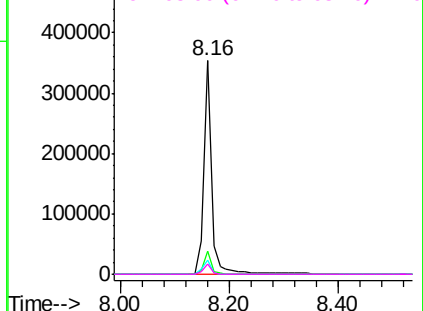
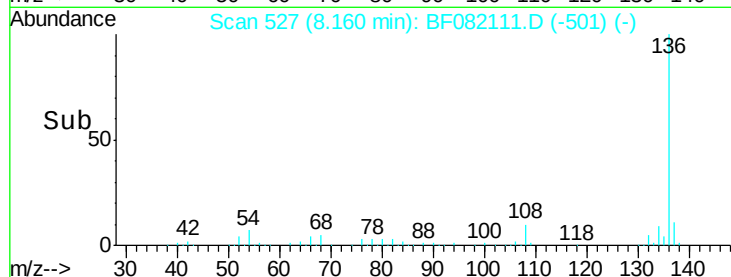
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF082111.D
Acq: 7 Oct 2015 18:32

Instrument :
BNA_F
ClientSampleId :
WC100215-S

Tot Ion:136	Resp:	353251
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.0 13.6
54	6.8	8.2 12.2#
68	4.7	5.8 8.6#

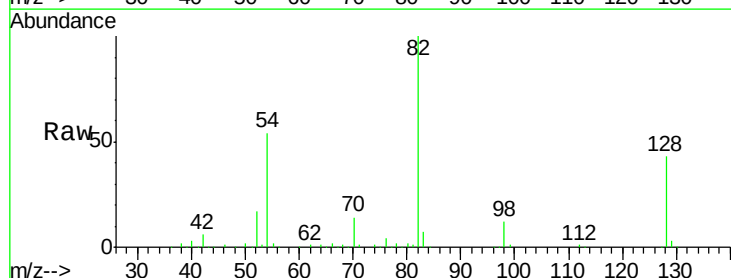


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

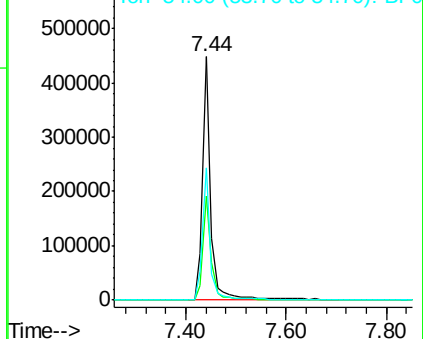
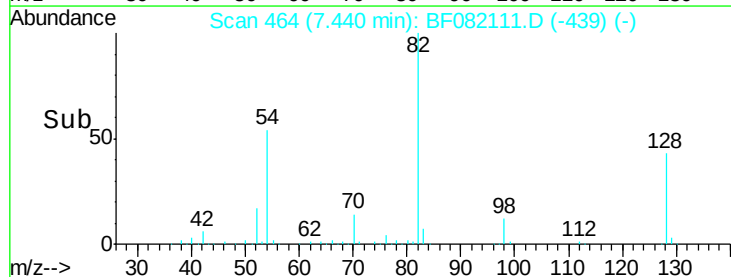


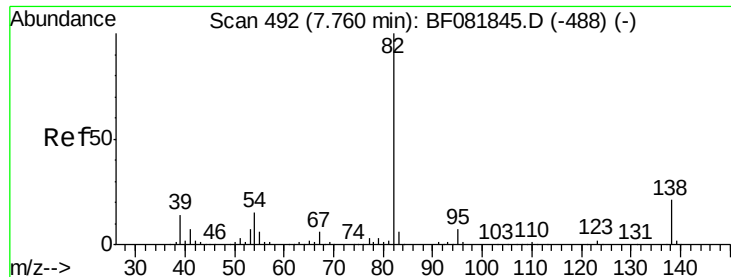
#23
Nitrobenzene-d5
Concen: 98.05 ng
RT: 7.44 min Scan# 464
Delta R.T. -0.01 min
Lab File: BF082111.D
Acq: 7 Oct 2015 18:32

Tgt Ion: 82	Resp:	519618
Ion Ratio	Lower	Upper
82	100	
128	43.0	51.0 76.6#
54	54.3	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: 43.42 ng

RT: 7.44 min Scan# 464

Delta R.T. -0.26 min

Lab File: BF082111.D

Acq: 7 Oct 2015 18:32

Instrument :

BNA_F

ClientSampleId :

WC100215-S

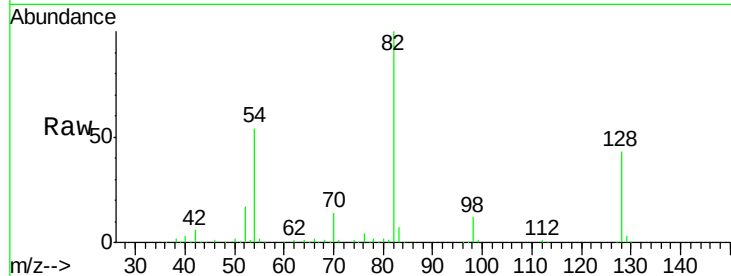
Tot Ion: 82 Resp: 456033

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

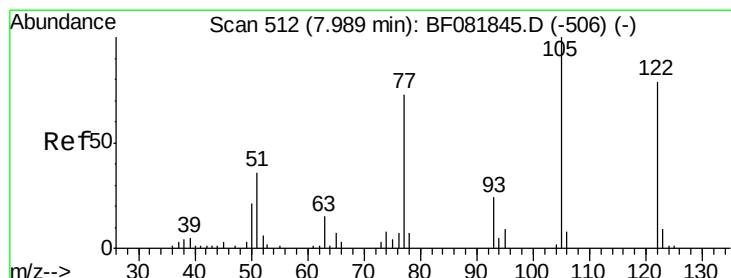
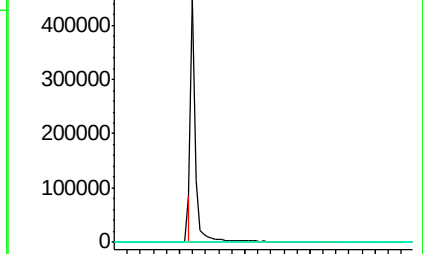
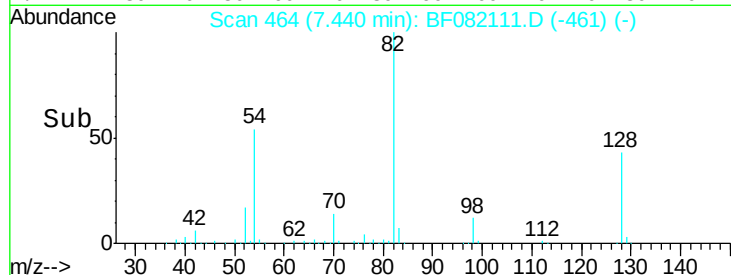
138 0.0 18.3 27.5#



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



#32

Benzoic acid

Concen: 9.08 ng

RT: 7.89 min Scan# 503

Delta R.T. -0.06 min

Lab File: BF082111.D

Acq: 7 Oct 2015 18:32

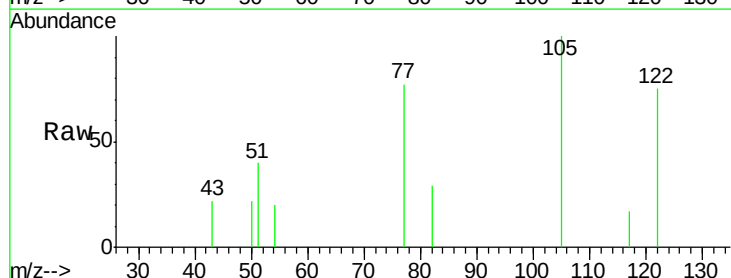
Tgt Ion: 122 Resp: 5957

Ion Ratio Lower Upper

122 100

105 133.5 76.1 116.1#

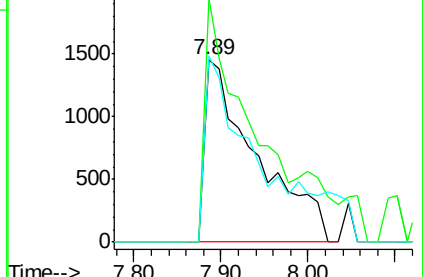
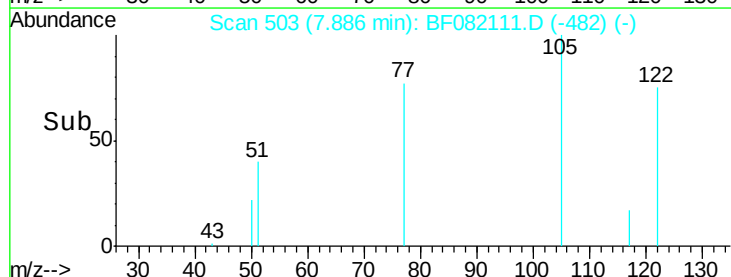
77 102.3 40.5 80.5#

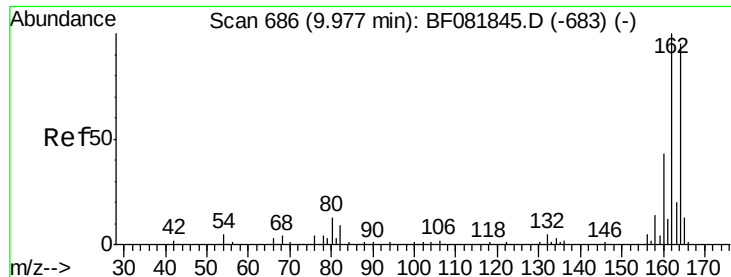


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.91 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF082111.D

Acq: 7 Oct 2015 18:32

Instrument :

BNA_F

ClientSampleId :

WC100215-S

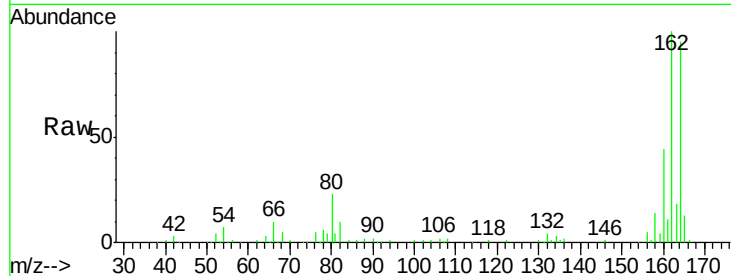
Tot Ion:164 Resp: 171028

Ion Ratio Lower Upper

164 100

162 105.0 75.2 112.8

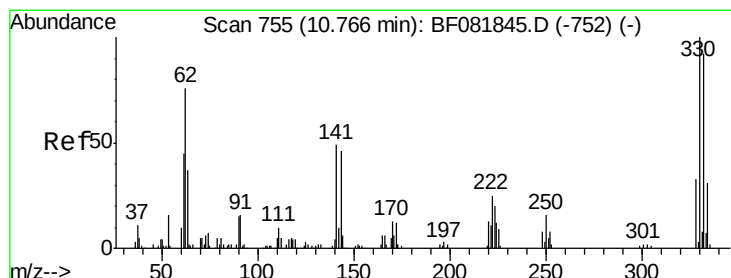
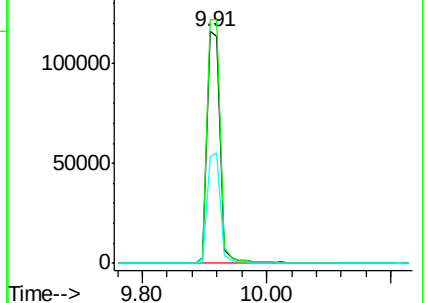
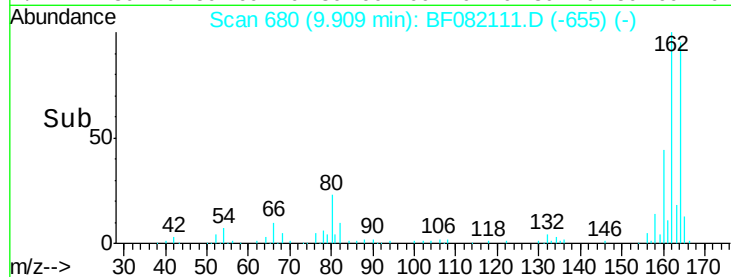
160 45.9 31.5 47.3



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: 144.43 ng

RT: 10.71 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF082111.D

Acq: 7 Oct 2015 18:32

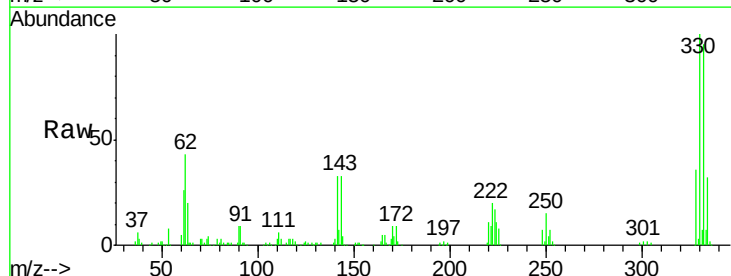
Tgt Ion:330 Resp: 250163

Ion Ratio Lower Upper

330 100

332 95.2 76.6 114.8

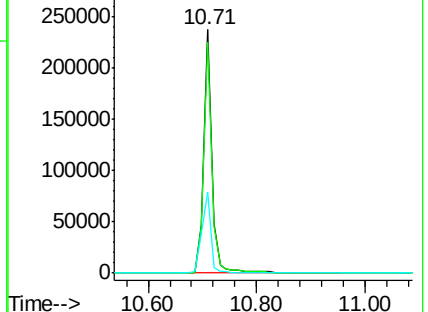
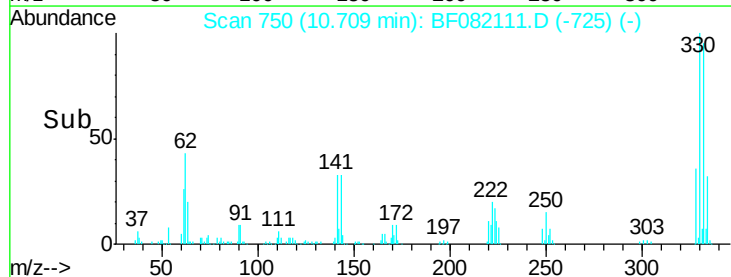
141 36.6 29.7 44.5

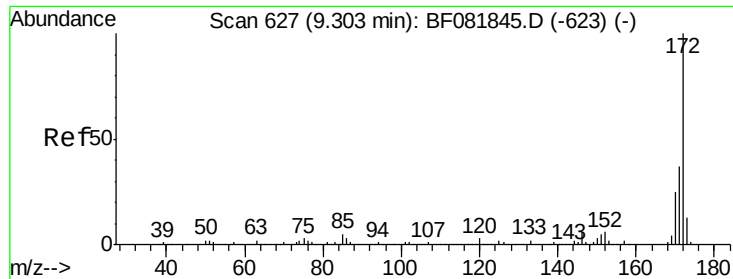


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



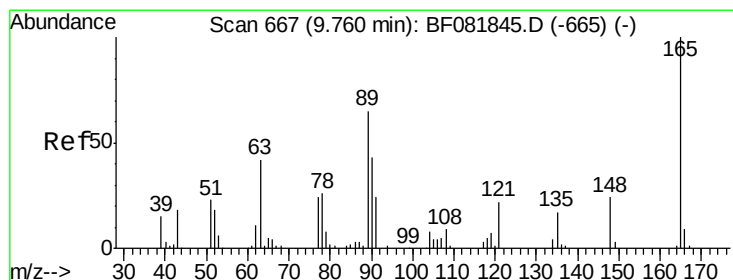
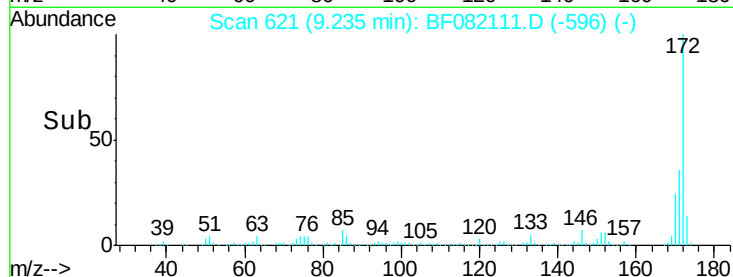
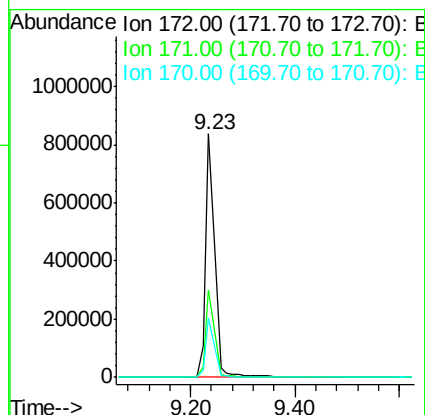
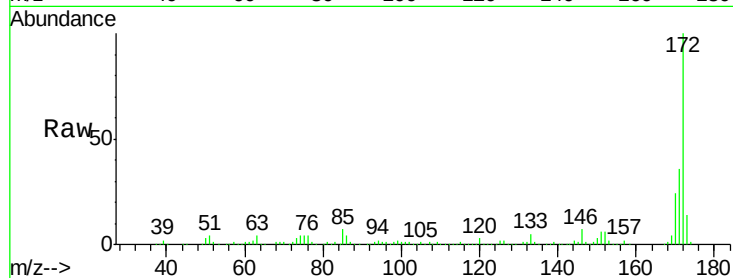


#44
 2-Fluorobiphenyl
 Concen: 106.19 ng
 RT: 9.23 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF082111.D
 Acq: 7 Oct 2015 18:32

Instrument :
 BNA_F
 ClientSampled :
 WC100215-S

Tot Ion:172 Resp: 1033438

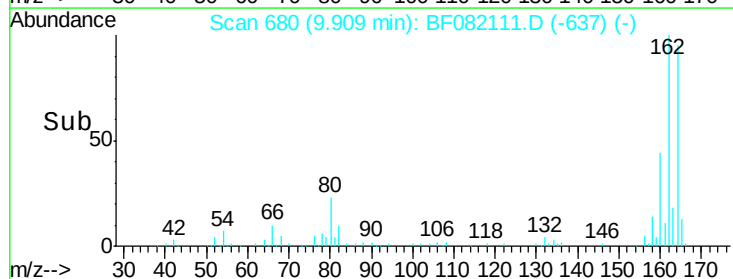
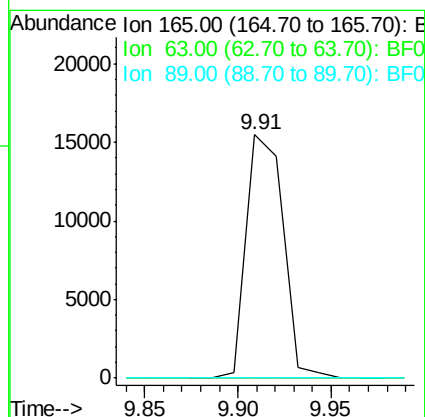
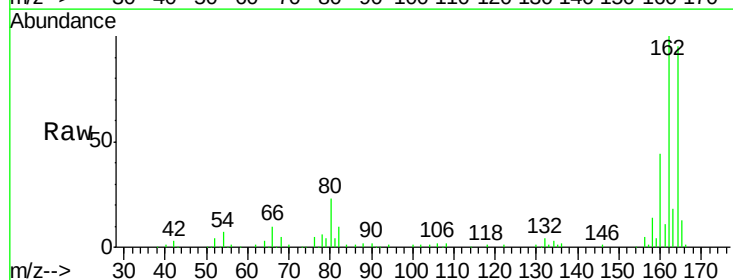
Ion	Ratio	Lower	Upper
172	100		
171	36.1	26.1	39.1
170	24.4	17.4	26.2

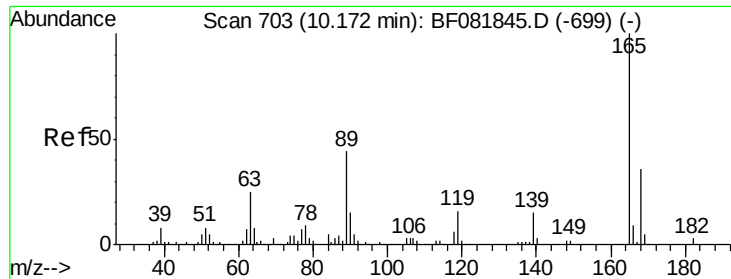


#50
 2,6-Dinitrotoluene
 Concen: 8.29 ng
 RT: 9.91 min Scan# 680
 Delta R.T. 0.19 min
 Lab File: BF082111.D
 Acq: 7 Oct 2015 18:32

Tgt Ion:165 Resp: 21259

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





#56

2,4-Dinitrotoluene

Concen: 6.51 ng

RT: 9.91 min Scan# 680

Delta R.T. -0.21 min

Lab File: BF082111.D

Acq: 7 Oct 2015 18:32

Instrument :

BNA_F

ClientSampleId :

WC100215-S

Tot Ion:165 Resp: 21260

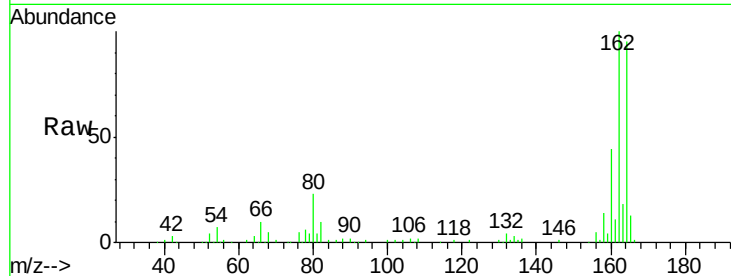
Ion Ratio Lower Upper

165 100

63 0.0 29.8 44.6#

89 0.0 44.5 66.7#

182 0.0 3.0 4.4#

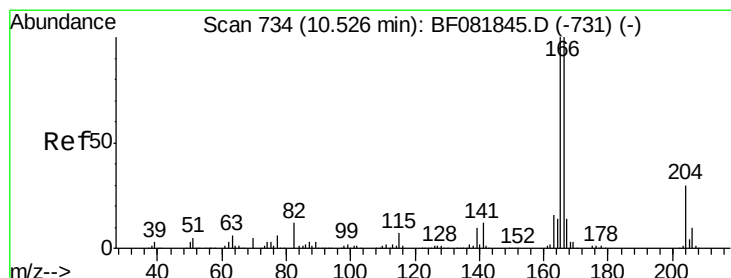
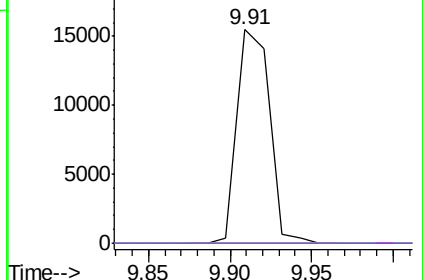
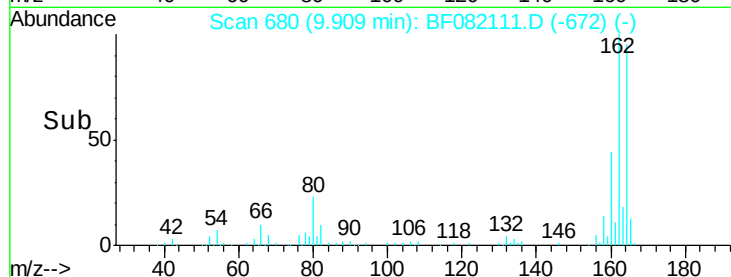


Abundance Ion 165.00 (164.70 to 165.70): E

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. -0.00 min

Lab File: BF082111.D

Acq: 7 Oct 2015 18:32

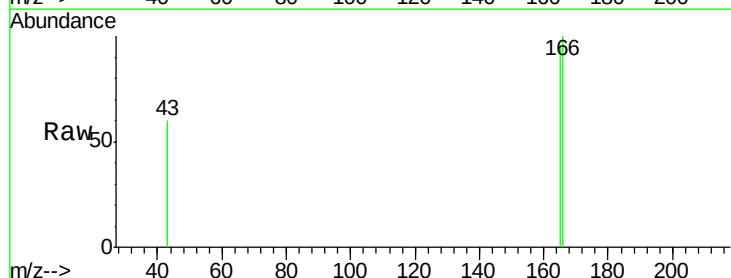
Tgt Ion:166 Resp: 362

Ion Ratio Lower Upper

166 100

165 96.0 72.6 109.0

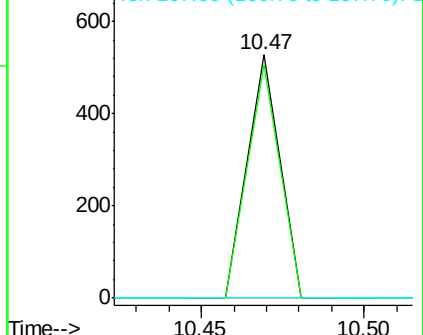
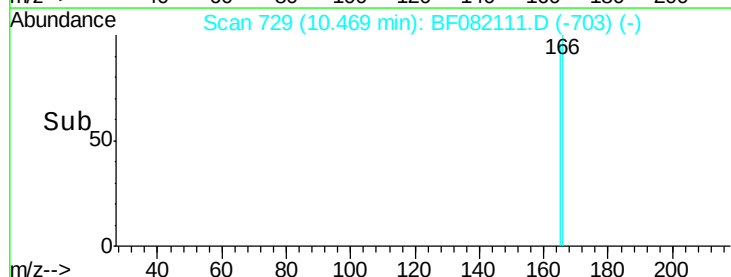
167 0.0 10.6 16.0#

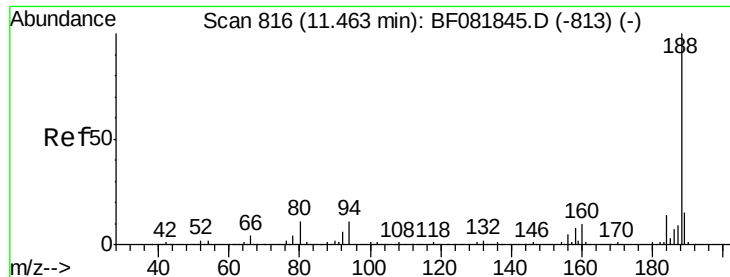


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

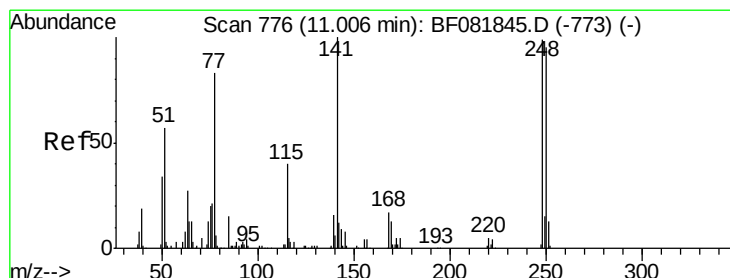
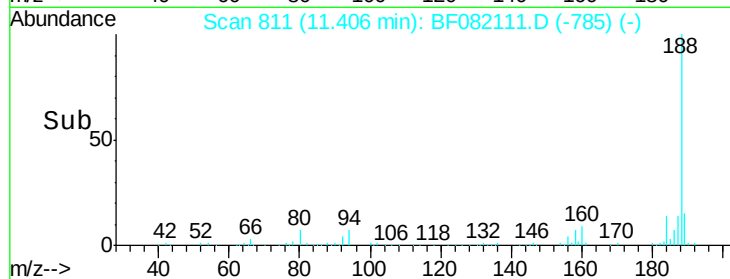
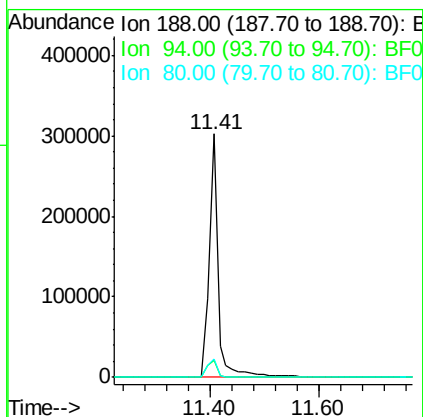
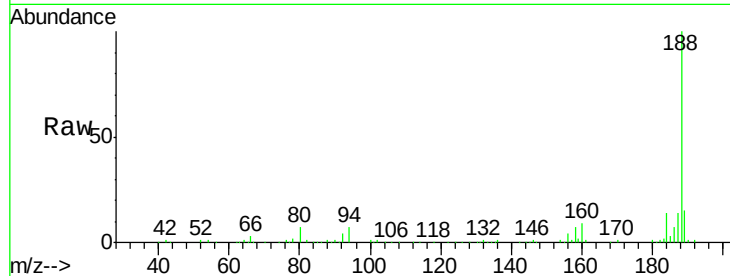




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF082111.D
 Acq: 7 Oct 2015 18:32

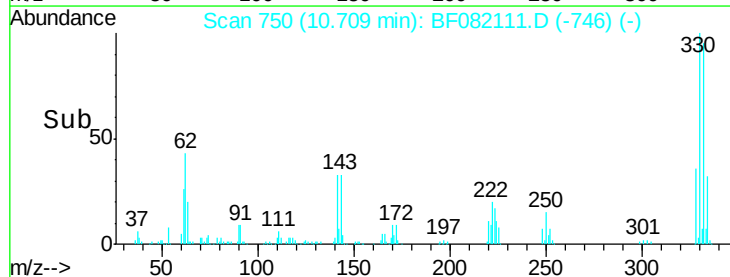
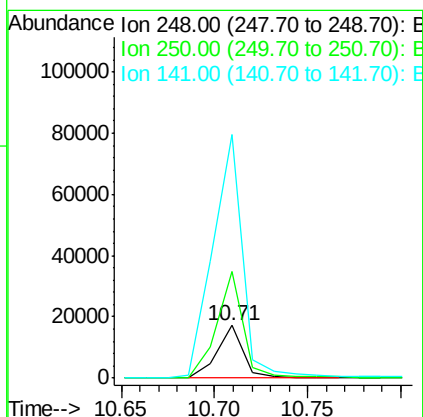
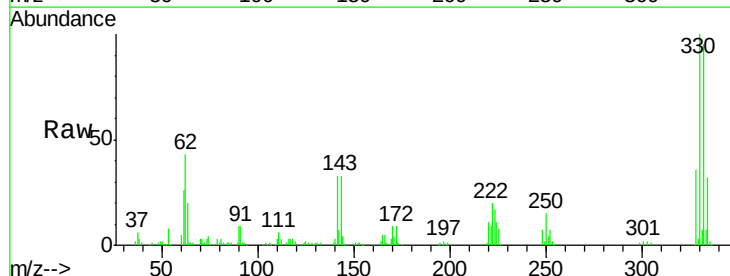
Instrument :
 BNA_F
 ClientSampleId :
 WC100215-S

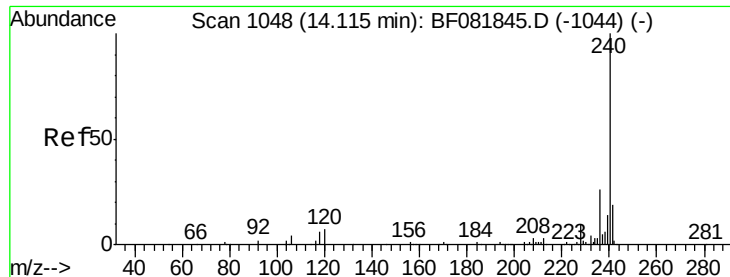
Tot Ion:188 Resp: 346625
 Ion Ratio Lower Upper
 188 100
 94 6.8 11.1 16.7#
 80 7.3 11.0 16.4#



#66
 4-Bromophenyl-phenylether
 Concen: 4.90 ng
 RT: 10.71 min Scan# 750
 Delta R.T. -0.25 min
 Lab File: BF082111.D
 Acq: 7 Oct 2015 18:32

Tgt Ion:248 Resp: 17127
 Ion Ratio Lower Upper
 248 100
 250 201.7 78.5 117.7#
 141 460.6 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: BF082111.D

Acq: 7 Oct 2015 18:32

Instrument :

BNA_F

ClientSampleId :

WC100215-S

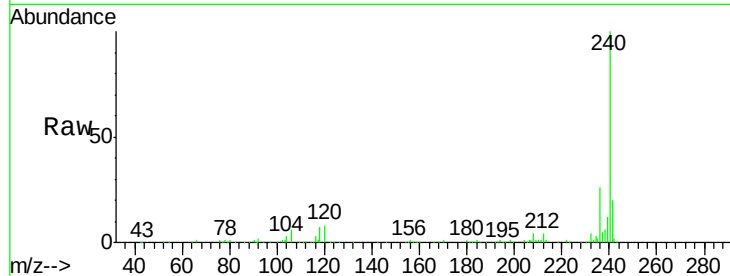
Tot Ion:240 Resp: 337582

Ion Ratio Lower Upper

240 100

120 8.4 16.2 24.2#

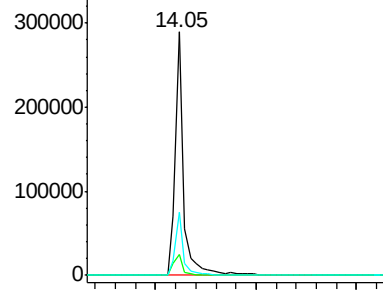
236 25.8 18.4 27.6



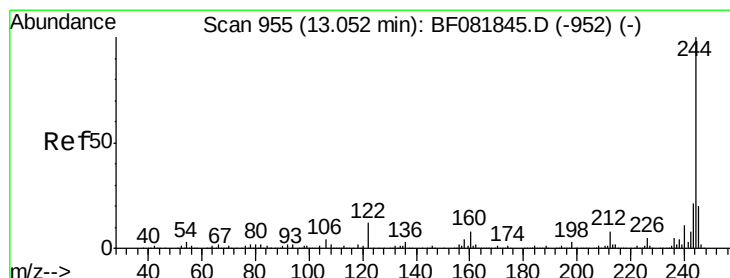
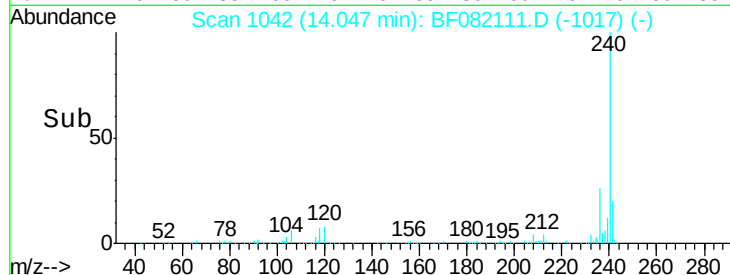
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 122.65 ng

RT: 12.99 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF082111.D

Acq: 7 Oct 2015 18:32

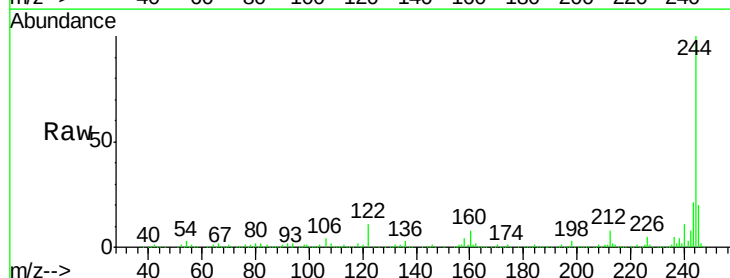
Tgt Ion:244 Resp: 1129619

Ion Ratio Lower Upper

244 100

212 7.8 4.3 6.5#

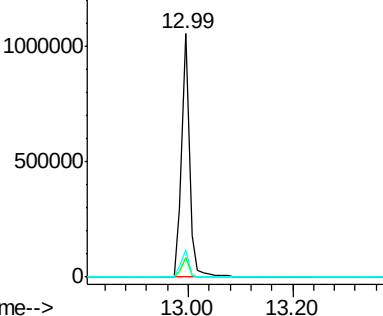
122 11.1 17.4 26.2#



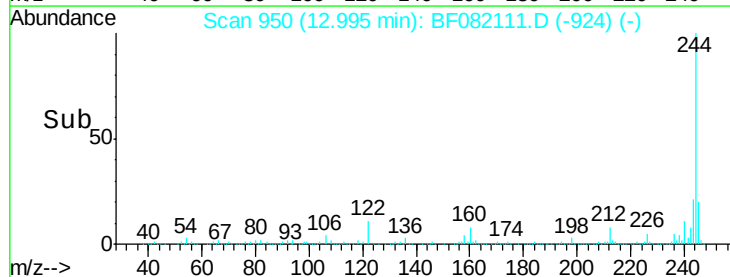
Abundance Ion 244.00 (243.70 to 244.70): E

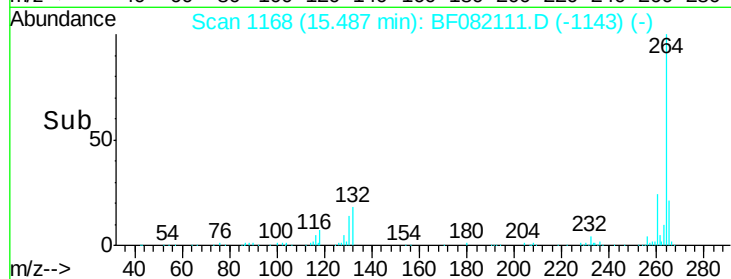
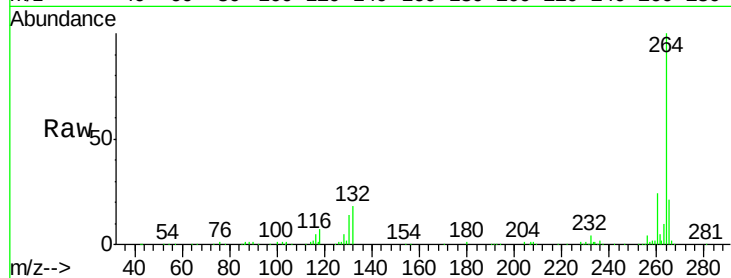
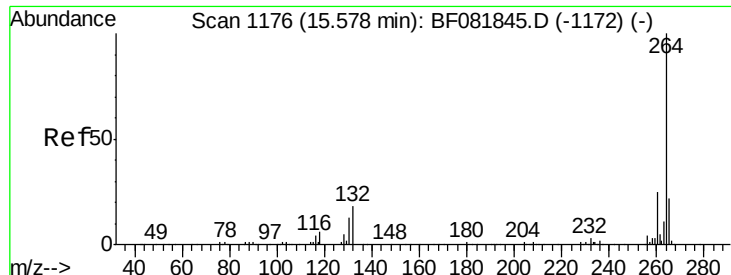
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF082111.D
 Acq: 7 Oct 2015 18:32

Instrument :
 BNA_F
 ClientSampleId :
 WC100215-S

Tot Ion:	264	Resp:	260345
Ion	Ratio	Lower	Upper
264	100		
260	23.7	16.7	25.1
265	21.0	17.2	25.8

