

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031815\
 Data File : BF077822.D
 Acq On : 19 Mar 2015 5:41
 Operator : TP/IZ
 Sample : G1544-06
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-11(5-7)

Quant Time: Mar 19 05:36:00 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 19 04:21:27 2015
 Response via : Initial Calibration

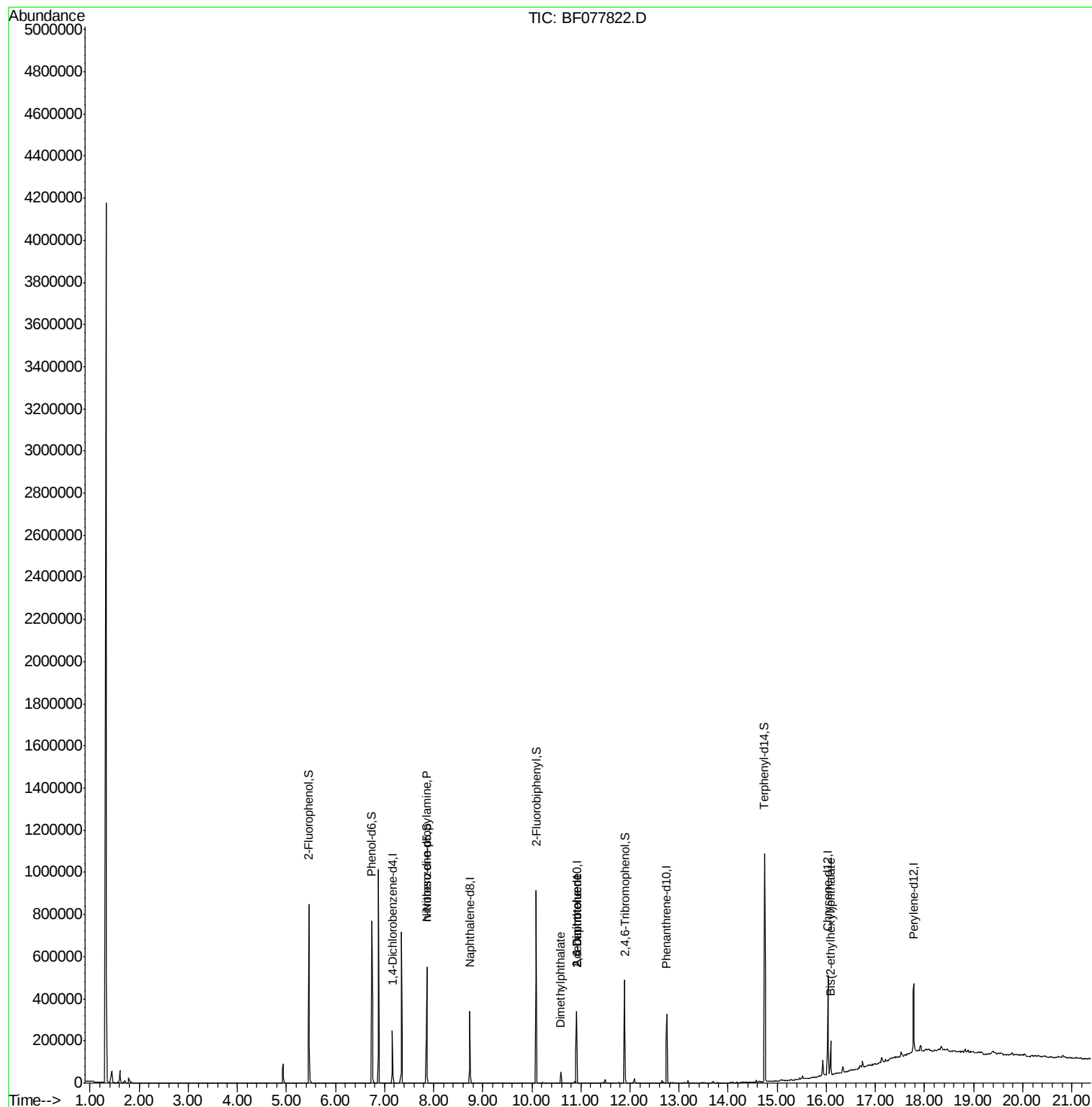
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	39616	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	160197	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	78668	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	156477	20.00	ng	0.01
75) Chrysene-d12	16.03	240	179415	20.00	ng	0.00
86) Perylene-d12	17.78	264	180205	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	269022	118.53	ng	0.02
7) Phenol-d6	6.74	99	323761	115.46	ng	0.01
23) Nitrobenzene-d5	7.86	82	193623	79.23	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	78480	104.27	ng	0.01
44) 2-Fluorobiphenyl	10.09	172	358320	66.94	ng	0.00
78) Terphenyl-d14	14.74	244	425425	57.92	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.86	70	23593	12.16	ng	# 79
49) Dimethylphthalate	10.59	163	23486	4.03	ng	97
50) 2,6-Dinitrotoluene	10.91	165	9818	8.12	ng	# 24
56) 2,4-Dinitrotoluene	10.91	165	9819	6.23	ng	# 11
76) Benzidine	14.44	184	1324	Below Cal		# 68
83) Bis(2-ethylhexyl)phthalate	16.09	149	49593	7.36	ng	# 98

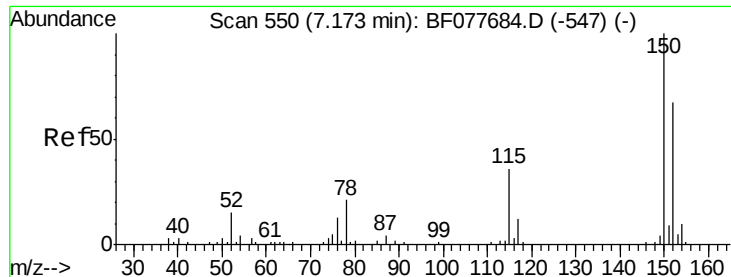
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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SB-11(5-7)

Quant Time: Mar 19 05:36:00 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 19 04:21:27 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.16 min Scan# 549

Delta R.T. 0.00 min

Lab File: BF077822.D

Acq: 19 Mar 2015 5:41

Instrument :

BNA_F

ClientSampleId :

SB-11(5-7)

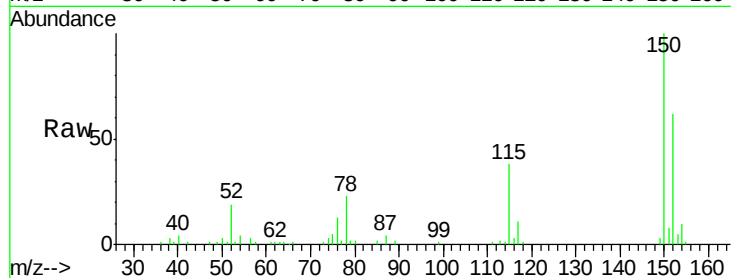
Tgt Ion:152 Resp: 39616

Ion Ratio Lower Upper

152 100

150 161.6 119.5 179.3

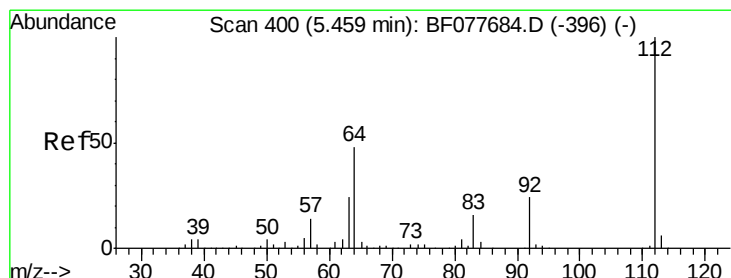
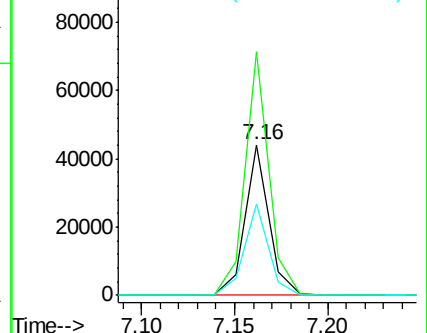
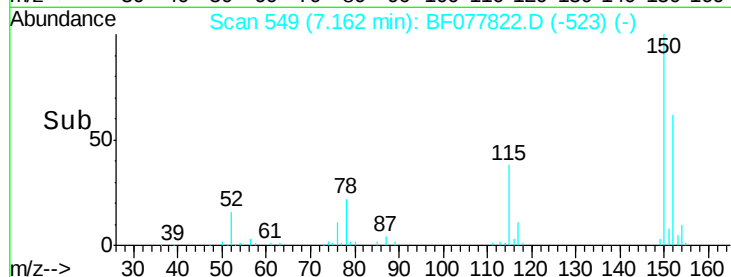
115 60.9 43.0 64.4



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: 118.53 ng

RT: 5.46 min Scan# 400

Delta R.T. 0.02 min

Lab File: BF077822.D

Acq: 19 Mar 2015 5:41

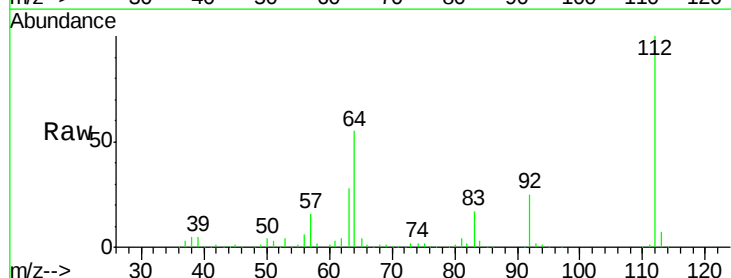
Tgt Ion:112 Resp: 269022

Ion Ratio Lower Upper

112 100

64 54.7 38.6 57.8

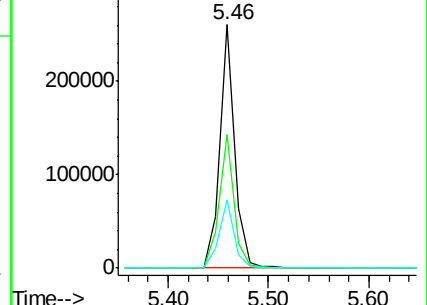
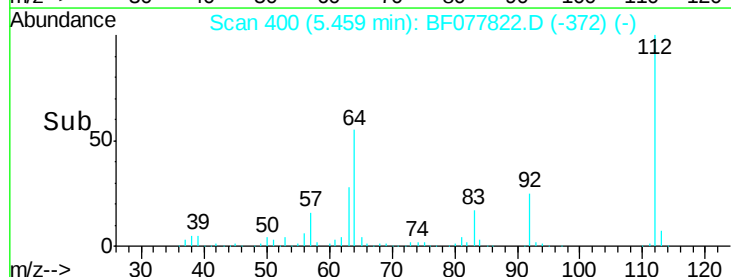
63 28.2 19.3 28.9

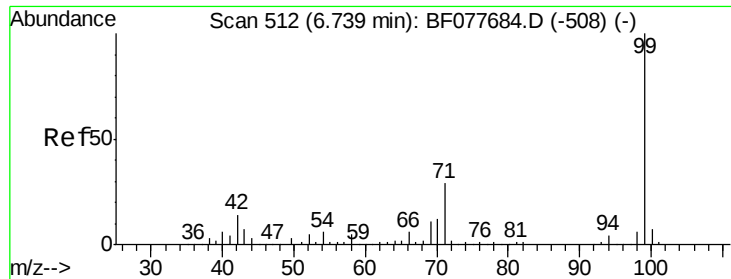


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 115.46 ng

RT: 6.74 min Scan# 512

Delta R.T. 0.01 min

Lab File: BF077822.D

Acq: 19 Mar 2015 5:41

Instrument :

BNA_F

ClientSampleId :

SB-11(5-7)

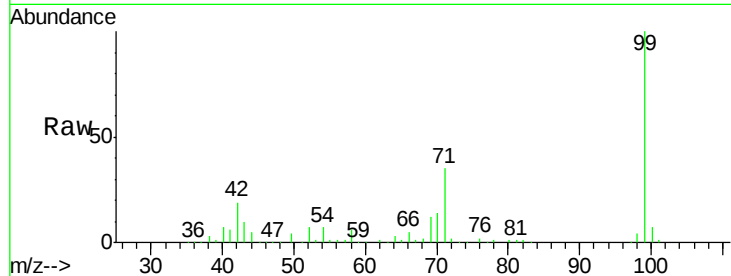
Tgt Ion: 99 Resp: 323761

Ion Ratio Lower Upper

99 100

42 19.1 11.0 16.4#

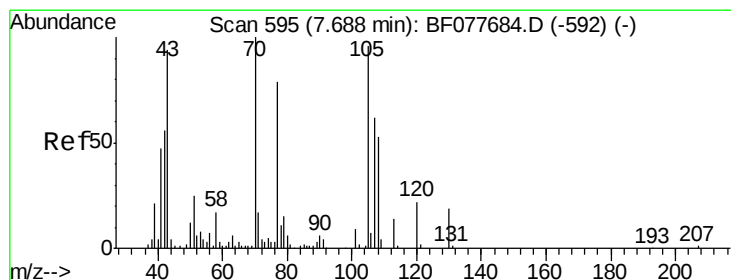
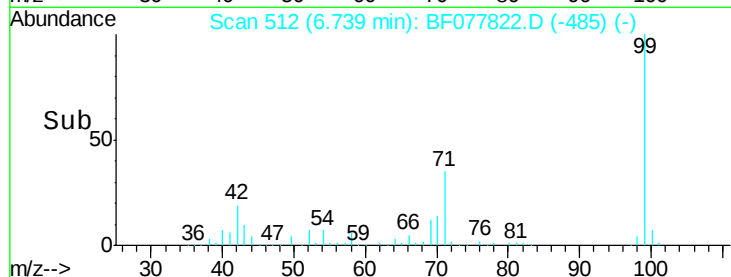
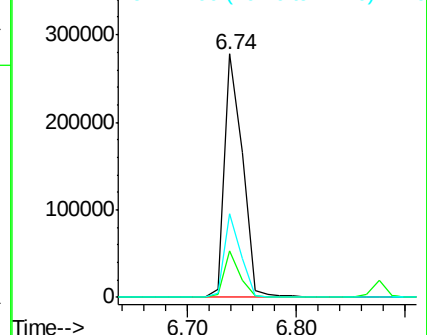
71 34.6 23.4 35.2



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: 12.16 ng

RT: 7.86 min Scan# 610

Delta R.T. 0.18 min

Lab File: BF077822.D

Acq: 19 Mar 2015 5:41

Tgt Ion: 70 Resp: 23593

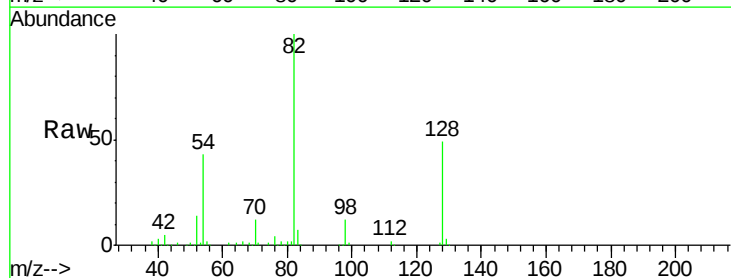
Ion Ratio Lower Upper

70 100

42 44.7 44.5 66.7

101 0.0 7.4 11.2#

130 2.7 15.3 22.9#

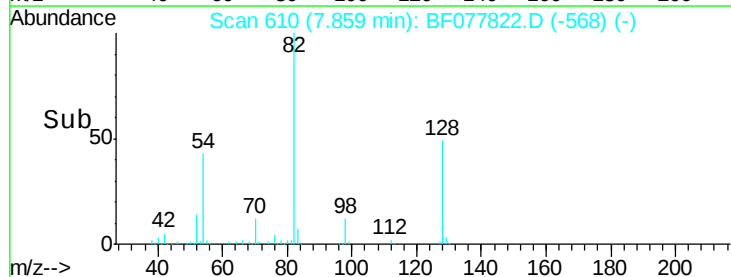
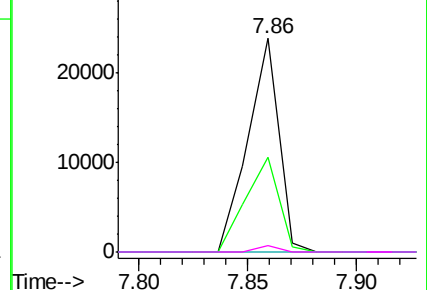


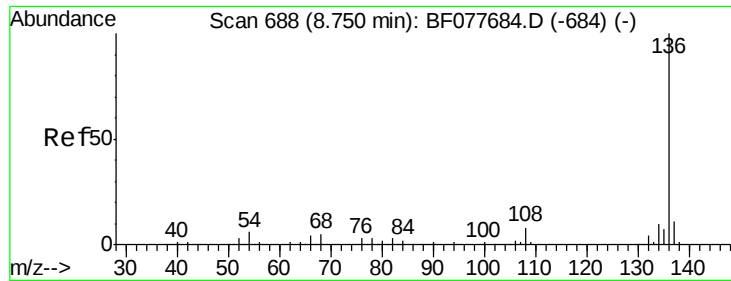
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

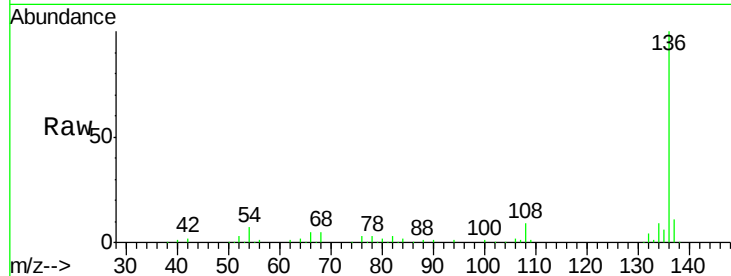




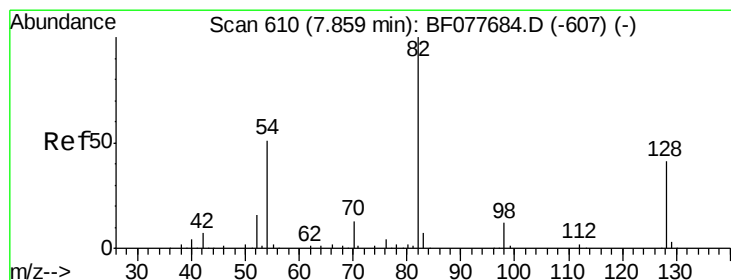
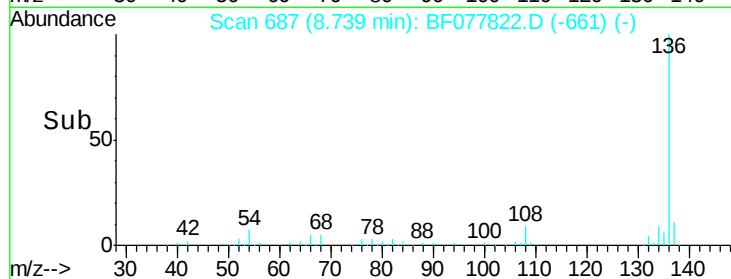
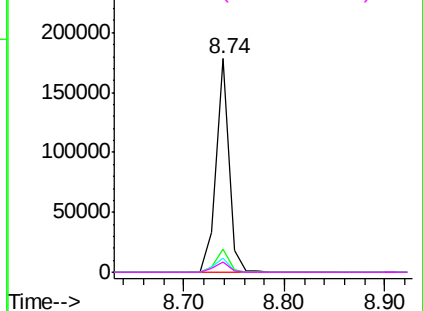
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.74 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF077822.D
Acq: 19 Mar 2015 5:41

Instrument :
BNA_F
ClientSampleId :
SB-11(5-7)

Tgt Ion:	136	Resp:	160197
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	6.7	4.6	6.8
68	5.0	3.7	5.5

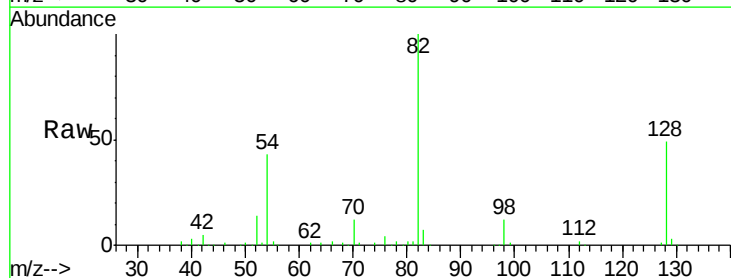


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

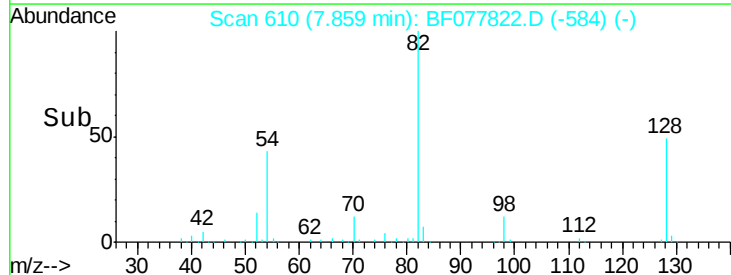
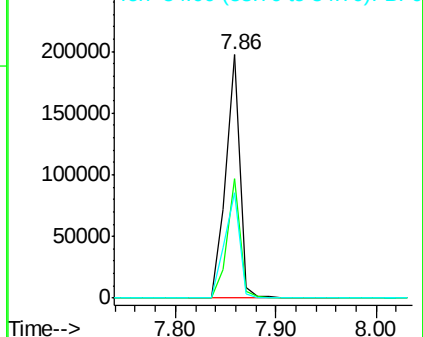


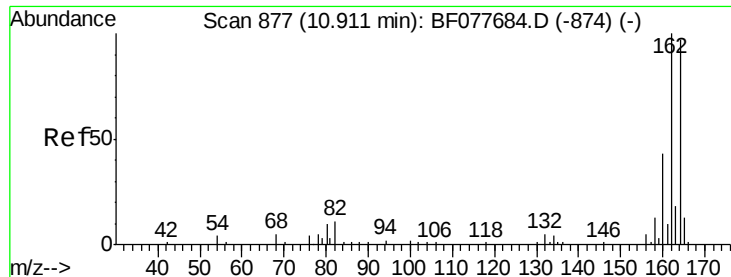
#23
Nitrobenzene-d5
Concen: 79.23 ng
RT: 7.86 min Scan# 610
Delta R.T. 0.00 min
Lab File: BF077822.D
Acq: 19 Mar 2015 5:41

Tgt Ion:	82	Resp:	193623
Ion	Ratio	Lower	Upper
82	100		
128	49.2	32.8	49.2#
54	43.3	40.6	60.8



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

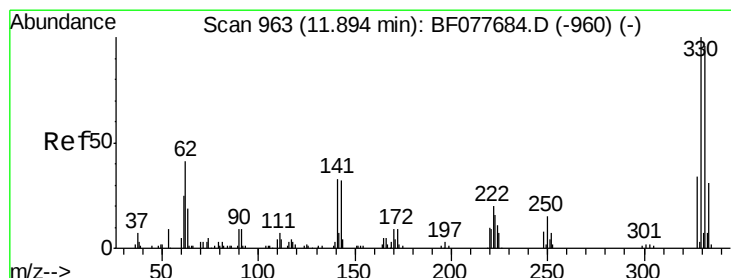
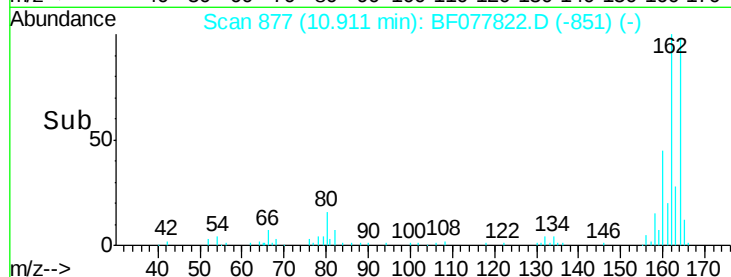
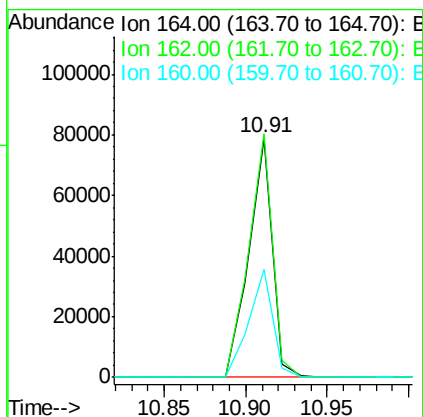
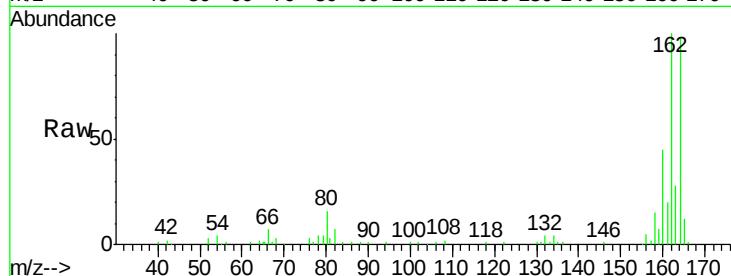




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.91 min Scan# 877
 Delta R.T. 0.00 min
 Lab File: BF077822.D
 Acq: 19 Mar 2015 5:41

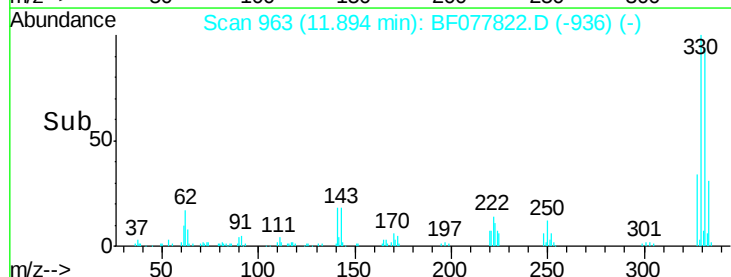
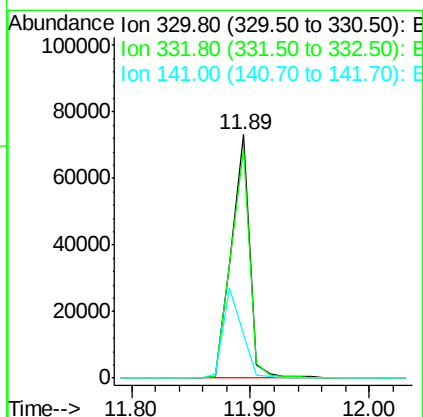
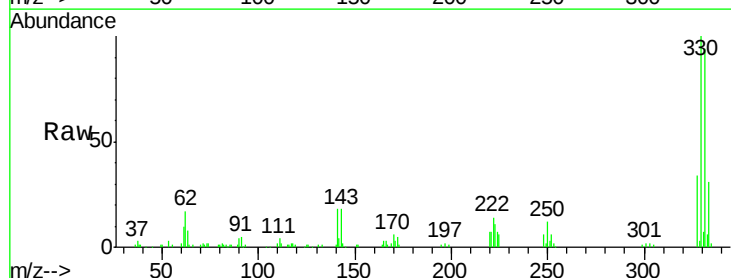
Instrument :
 BNA_F
 ClientSampleId :
 SB-11(5-7)

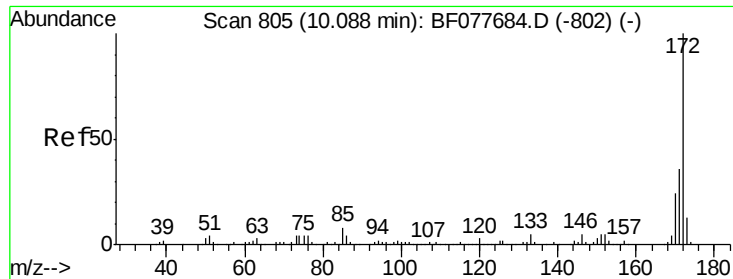
Tgt Ion:164 Resp: 78668
 Ion Ratio Lower Upper
 164 100
 162 101.9 82.4 123.6
 160 45.4 35.8 53.6



#41
 2,4,6-Tribromophenol
 Concen: 104.27 ng
 RT: 11.89 min Scan# 963
 Delta R.T. 0.01 min
 Lab File: BF077822.D
 Acq: 19 Mar 2015 5:41

Tgt Ion:330 Resp: 78480
 Ion Ratio Lower Upper
 330 100
 332 95.9 0.0 0.0#
 141 37.7 0.0 0.0#

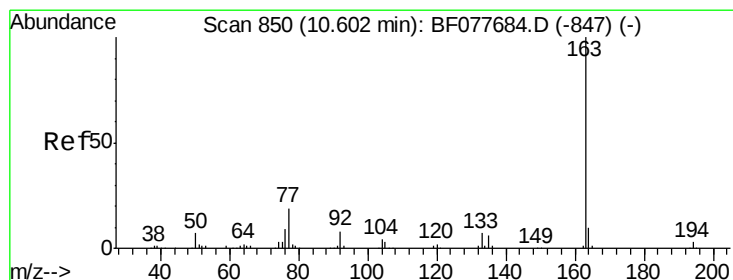
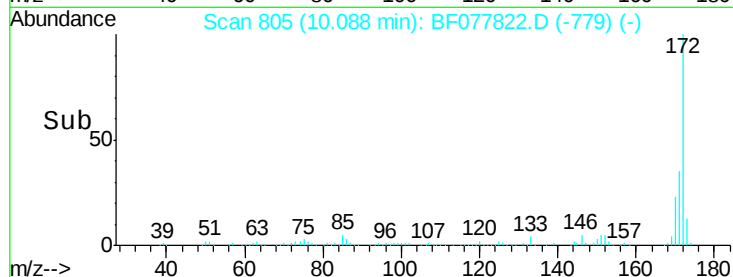
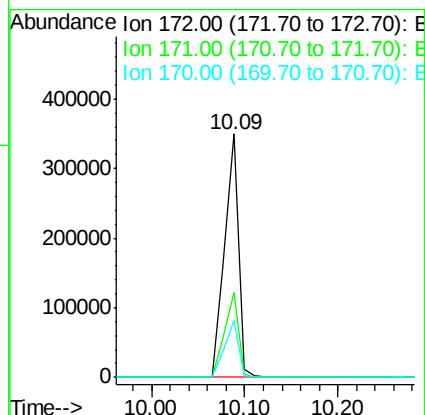
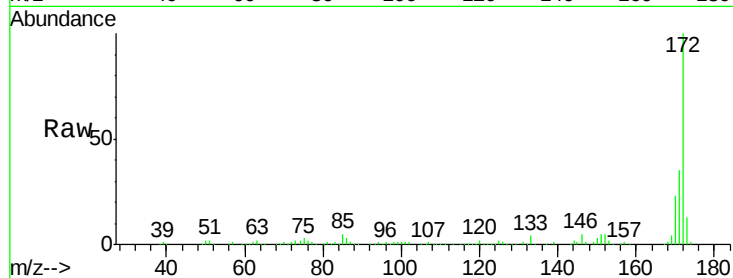




#44
 2-Fluorobiphenyl
 Concen: 66.94 ng
 RT: 10.09 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF077822.D
 Acq: 19 Mar 2015 5:41

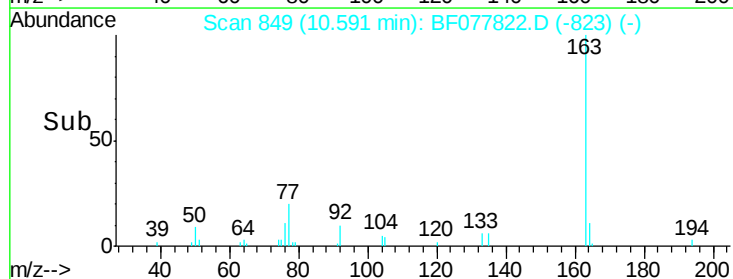
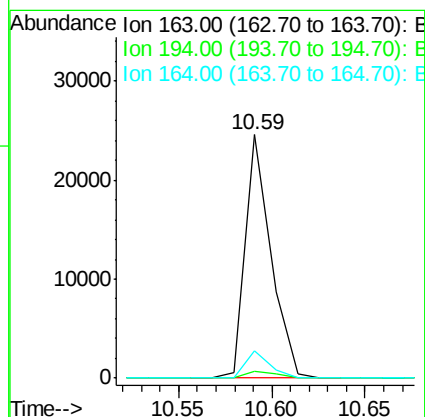
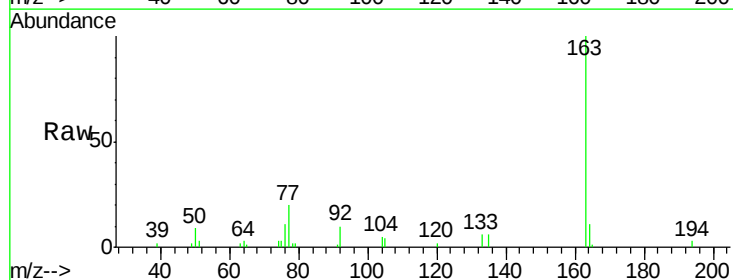
Instrument :
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 SB-11(5-7)

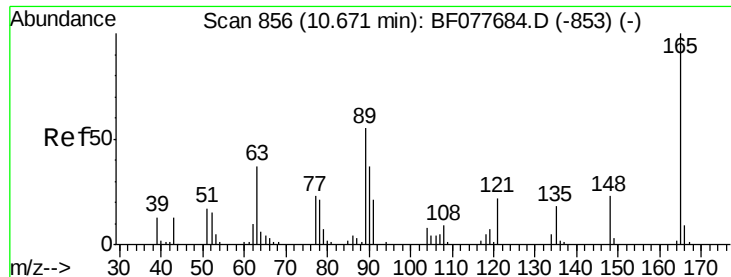
Tgt Ion:172 Resp: 358320
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.5 42.7
 170 23.4 18.8 28.2



#49
 Dimethylphthalate
 Concen: 4.03 ng
 RT: 10.59 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF077822.D
 Acq: 19 Mar 2015 5:41

Tgt Ion:163 Resp: 23486
 Ion Ratio Lower Upper
 163 100
 194 2.8 2.7 4.1
 164 11.4 8.2 12.2

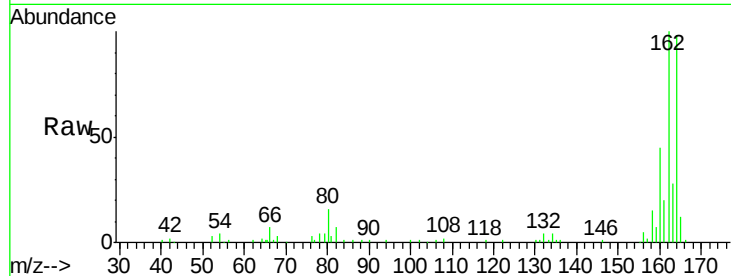




#50
 2,6-Dinitrotoluene
 Concen: 8.12 ng
 RT: 10.91 min Scan# 877
 Delta R.T. 0.24 min
 Lab File: BF077822.D
 Acq: 19 Mar 2015 5:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-11(5-7)

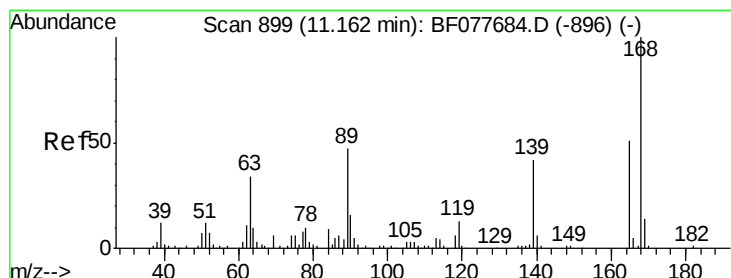
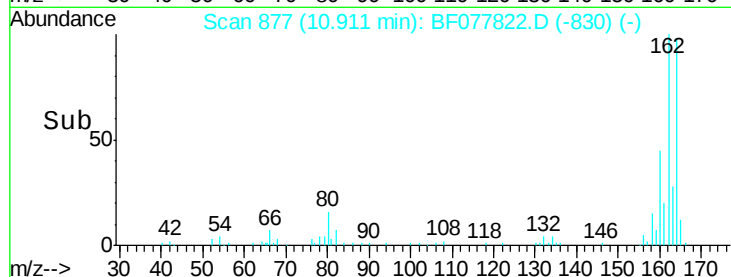
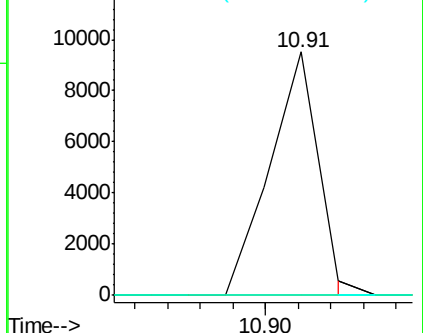
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.1	66.1#
89	0.0	44.3	66.5#



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: 6.23 ng
 RT: 10.91 min Scan# 877
 Delta R.T. -0.25 min
 Lab File: BF077822.D
 Acq: 19 Mar 2015 5:41

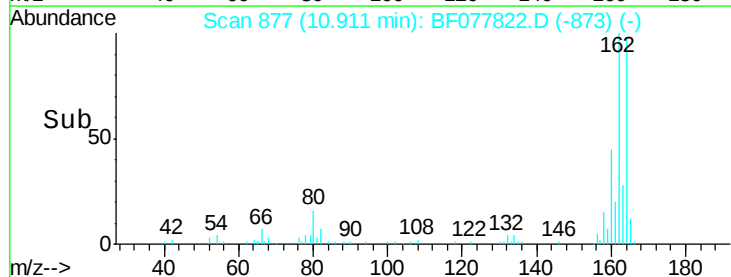
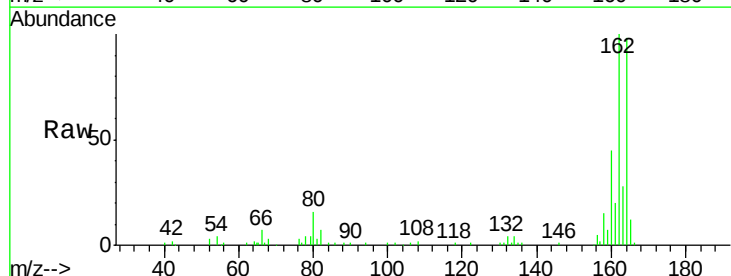
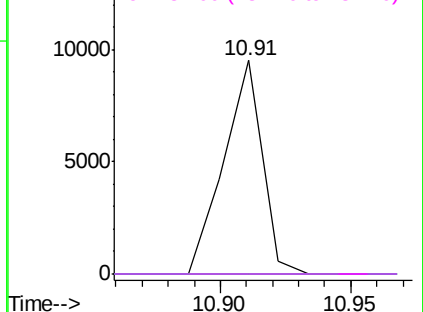
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.4	78.6#
89	0.0	72.4	108.6#
182	0.0	2.0	3.0#

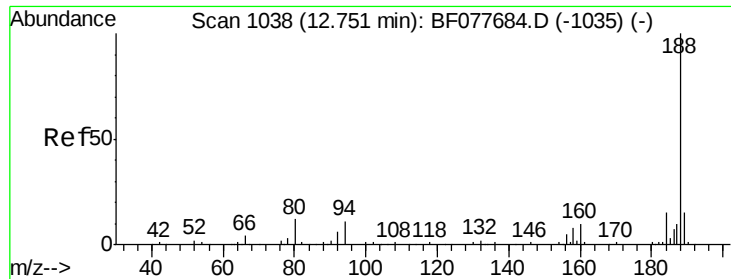
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

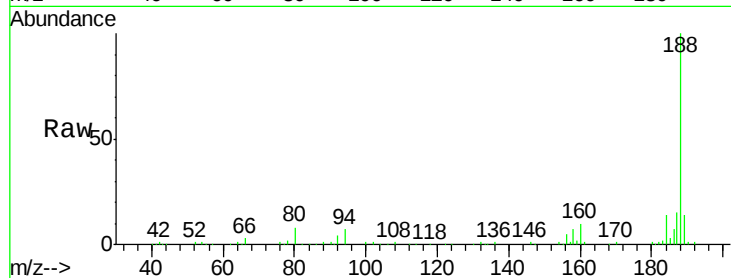




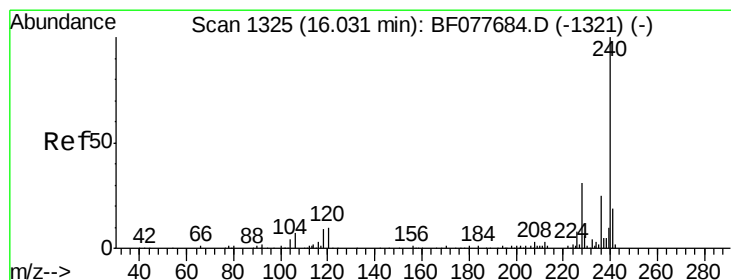
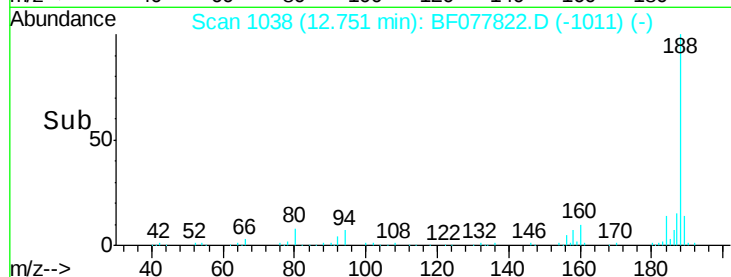
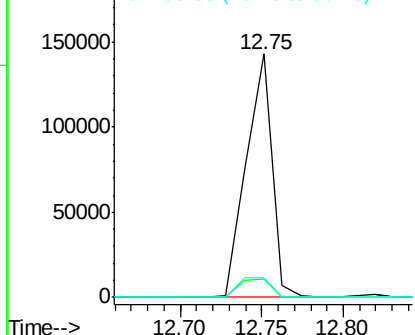
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.75 min Scan# 1038
Delta R.T. 0.01 min
Lab File: BF077822.D
Acq: 19 Mar 2015 5:41

Instrument :
BNA_F
ClientSampleId :
SB-11(5-7)

Tgt Ion:188 Resp: 156477
Ion Ratio Lower Upper
188 100
94 7.4 8.7 13.1#
80 7.8 9.3 13.9#

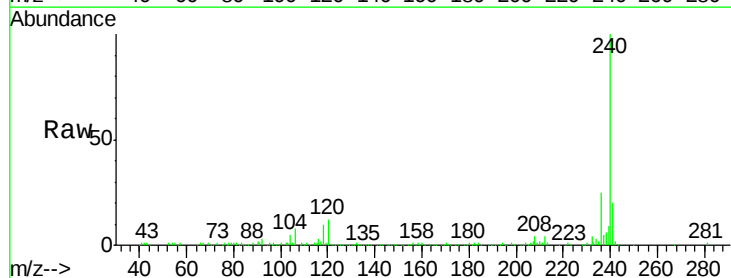


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

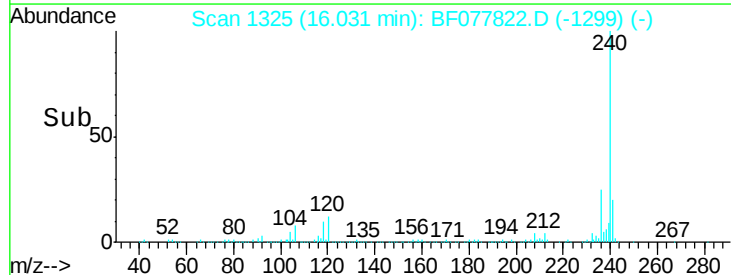
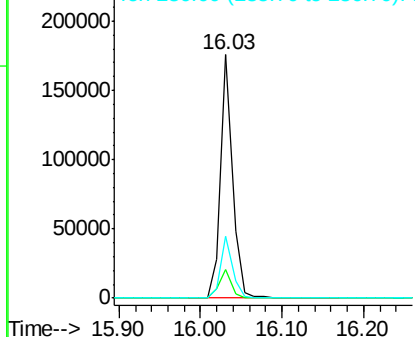


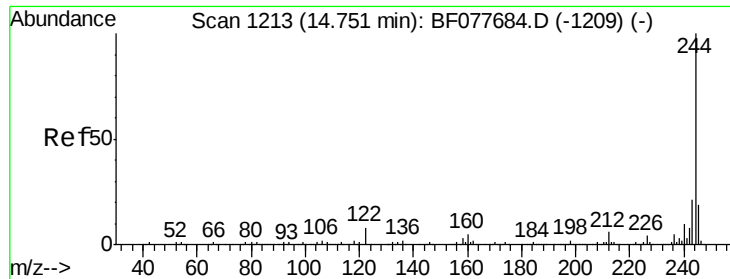
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.03 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF077822.D
Acq: 19 Mar 2015 5:41

Tgt Ion:240 Resp: 179415
Ion Ratio Lower Upper
240 100
120 11.8 8.2 12.2
236 25.3 20.0 30.0



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

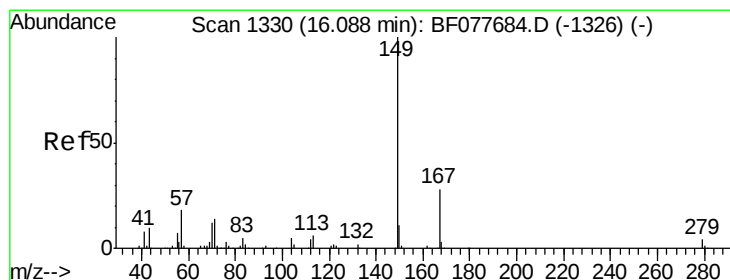
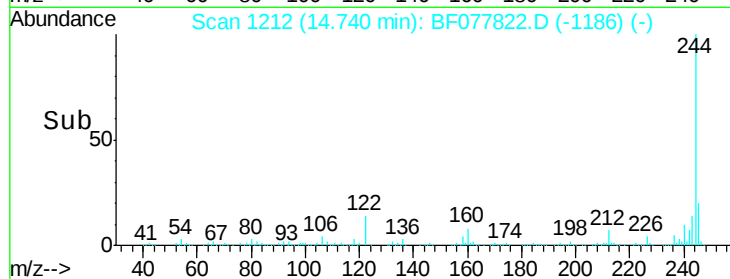
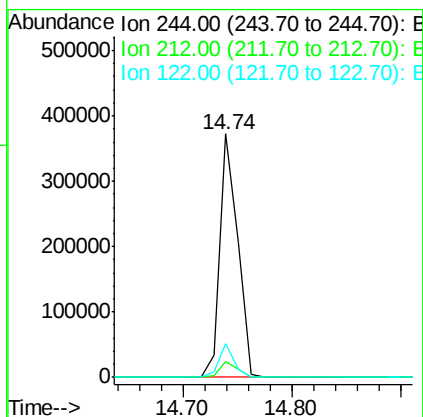
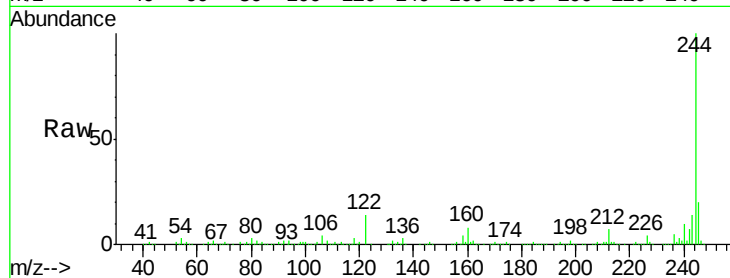




#78
 Terphenyl-d14
 Concen: 57.92 ng
 RT: 14.74 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF077822.D
 Acq: 19 Mar 2015 5:41

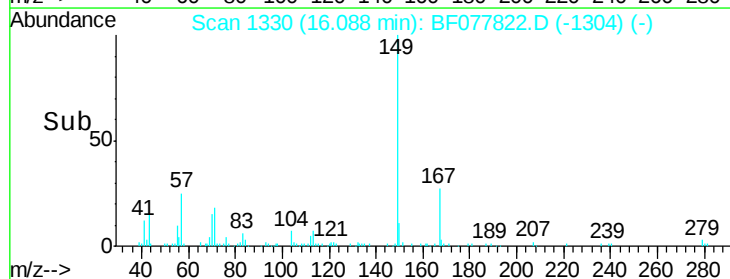
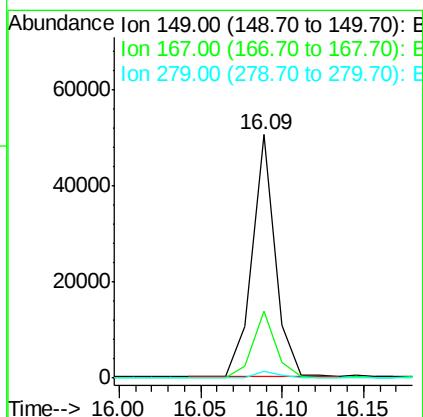
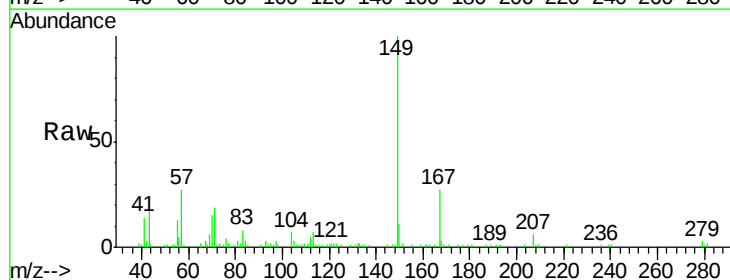
Instrument :
 BNA_F
 ClientSampleId :
 SB-11(5-7)

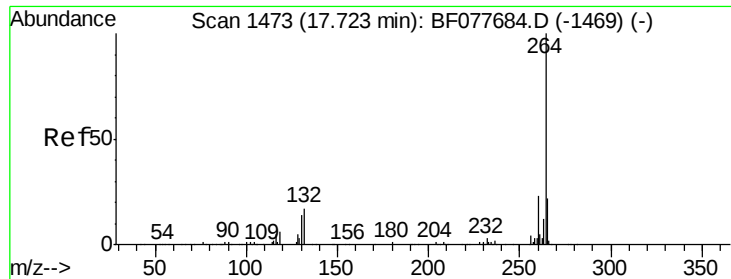
Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	4.9	7.3
122	13.9	6.2	9.4#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 7.36 ng
 RT: 16.09 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: BF077822.D
 Acq: 19 Mar 2015 5:41

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.4	33.6
279	3.0	3.4	5.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.78 min Scan# 1478
Delta R.T. 0.03 min
Lab File: BF077822.D
Acq: 19 Mar 2015 5:41

Instrument :
BNA_F
ClientSampleId :
SB-11(5-7)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	21.4	17.3	25.9

