

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031815\
 Data File : BF077821.D
 Acq On : 19 Mar 2015 5:13
 Operator : TP/IZ
 Sample : G1544-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-9(12-14)

Quant Time: Mar 19 05:35:42 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

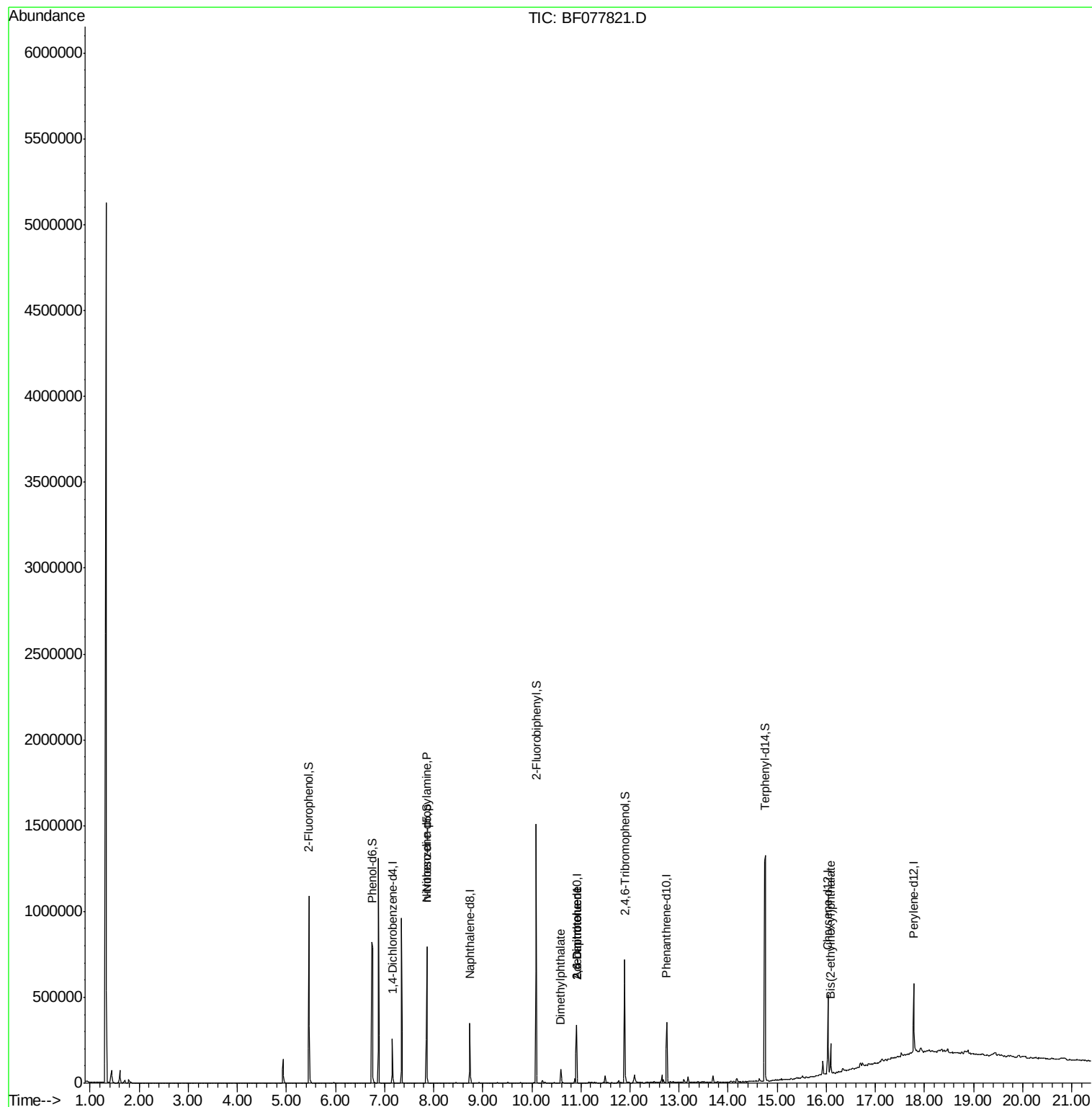
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	40643	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	162647	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	80491	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	162268	20.00	ng	0.01
75) Chrysene-d12	16.03	240	179459	20.00	ng	0.00
86) Perylene-d12	17.78	264	182616	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	349442	150.08	ng	0.02
7) Phenol-d6	6.75	99	449645	156.30	ng	0.02
23) Nitrobenzene-d5	7.86	82	263878	106.35	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	113314	147.14	ng	0.01
44) 2-Fluorobiphenyl	10.09	172	545258	99.55	ng	0.00
78) Terphenyl-d14	14.75	244	673613	91.69	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.86	70	33267	16.72	ng	# 76
49) Dimethylphthalate	10.59	163	34501	5.78	ng	# 98
50) 2,6-Dinitrotoluene	10.91	165	10400	8.40	ng	# 24
56) 2,4-Dinitrotoluene	10.91	165	10398	6.44	ng	# 11
76) Benzidine	14.45	184	545	Below Cal		# 68
83) Bis(2-ethylhexyl)phthalate	16.09	149	53762	7.98	ng	# 95

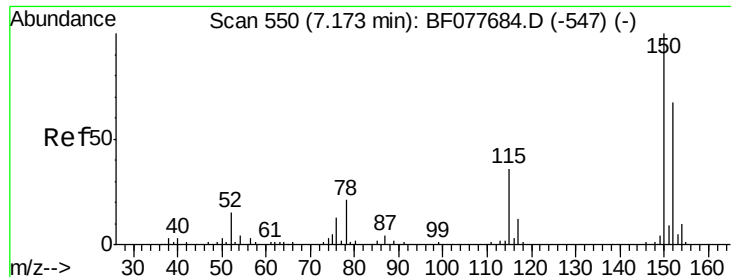
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF077821.D

Acq: 19 Mar 2015 5:13

Instrument :

BNA_F

ClientSampleId :

SB-9(12-14)

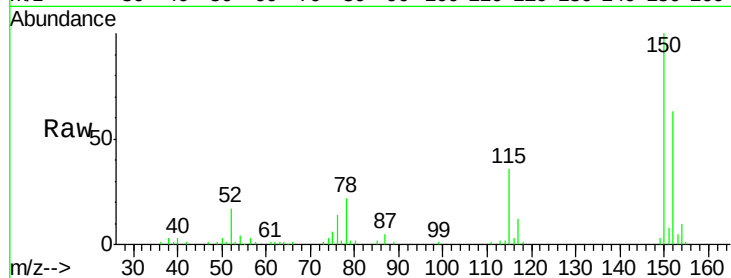
Tgt Ion:152 Resp: 40643

Ion Ratio Lower Upper

152 100

150 158.8 119.5 179.3

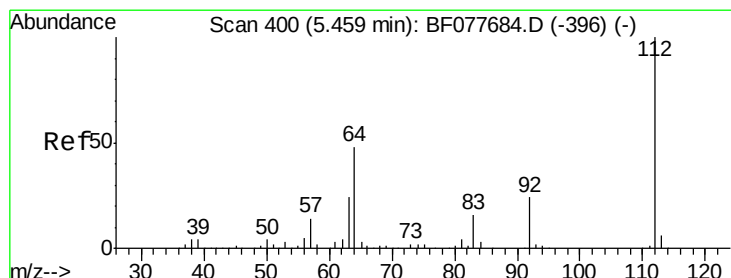
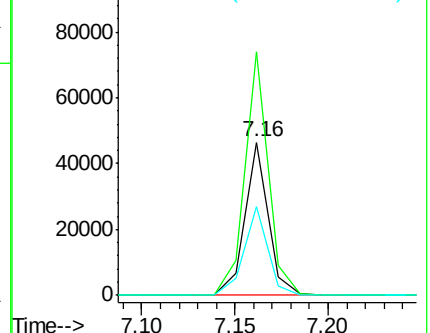
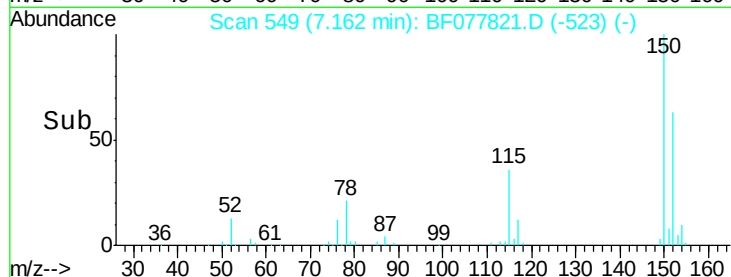
115 57.8 43.0 64.4



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: 150.08 ng

RT: 5.46 min Scan# 400

Delta R.T. 0.02 min

Lab File: BF077821.D

Acq: 19 Mar 2015 5:13

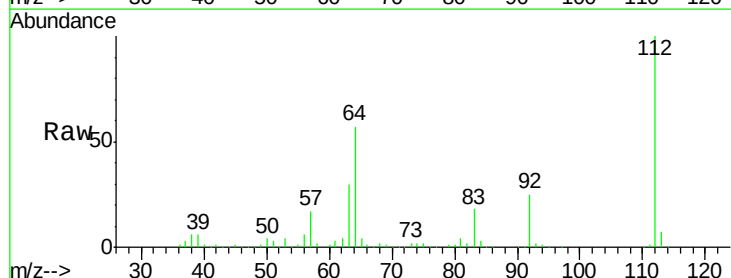
Tgt Ion:112 Resp: 349442

Ion Ratio Lower Upper

112 100

64 56.9 38.6 57.8

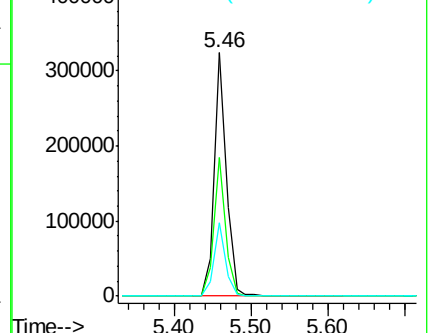
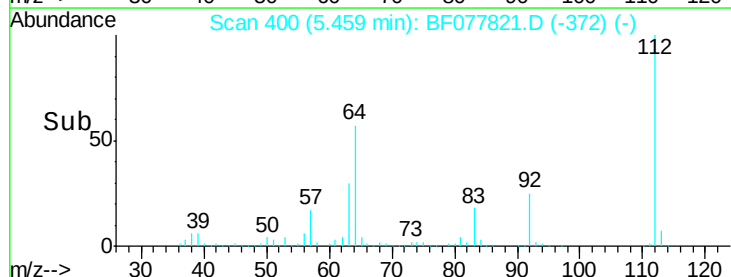
63 29.9 19.3 28.9#

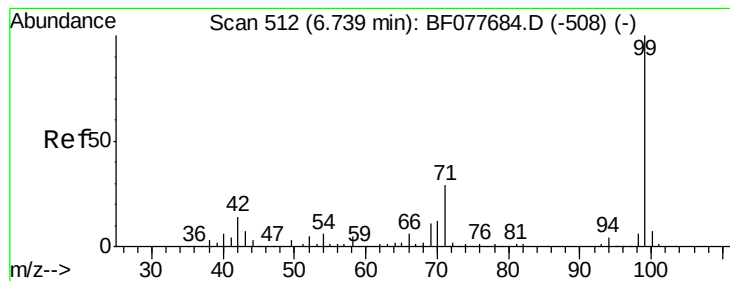


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 156.30 ng

RT: 6.75 min Scan# 513

Delta R.T. 0.02 min

Lab File: BF077821.D

Acq: 19 Mar 2015 5:13

Instrument :

BNA_F

ClientSampleId :

SB-9(12-14)

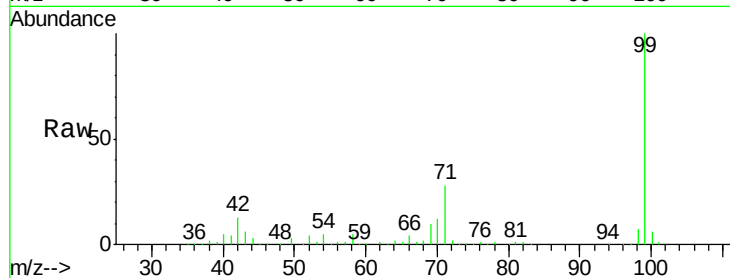
Tgt Ion: 99 Resp: 449645

Ion Ratio Lower Upper

99 100

42 12.7 11.0 16.4

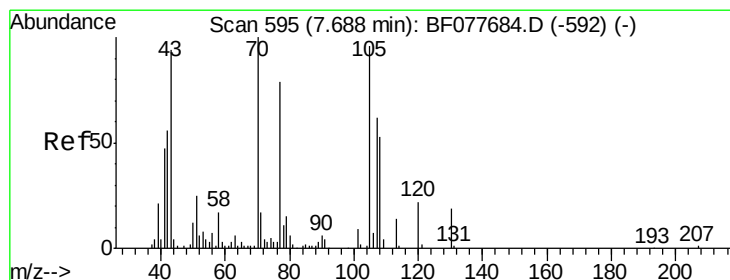
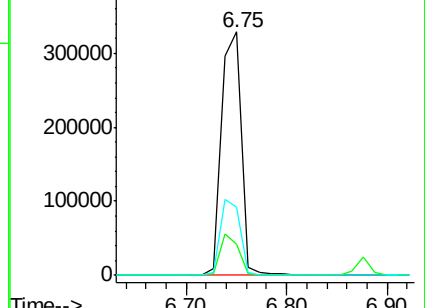
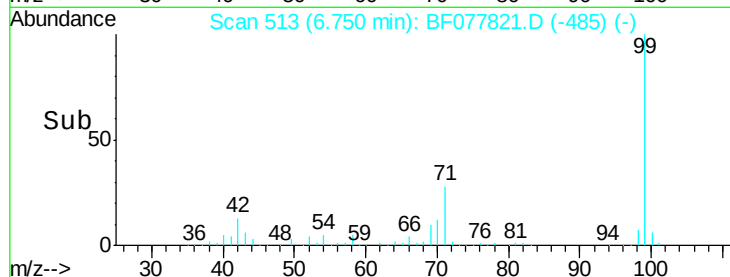
71 28.2 23.4 35.2



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: 16.72 ng

RT: 7.86 min Scan# 610

Delta R.T. 0.18 min

Lab File: BF077821.D

Acq: 19 Mar 2015 5:13

Tgt Ion: 70 Resp: 33267

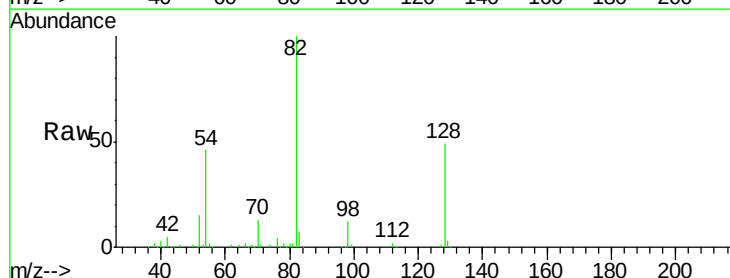
Ion Ratio Lower Upper

70 100

42 41.9 44.5 66.7#

101 0.0 7.4 11.2#

130 2.4 15.3 22.9#

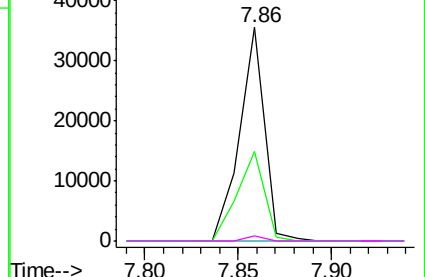
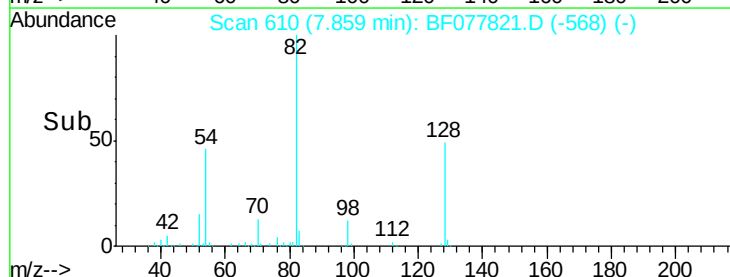


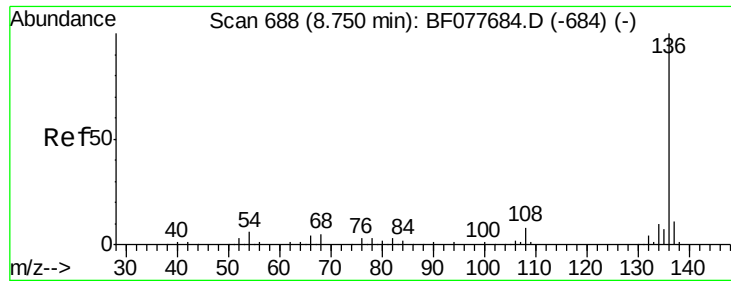
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF077821.D

Acq: 19 Mar 2015 5:13

Instrument :

BNA_F

ClientSampleId :

SB-9(12-14)

Tgt Ion:136 Resp: 162647

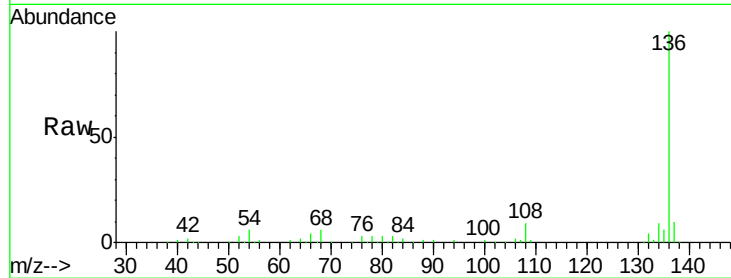
Ion Ratio Lower Upper

136 100

137 10.1 8.7 13.1

54 6.3 4.6 6.8

68 5.6 3.7 5.5#

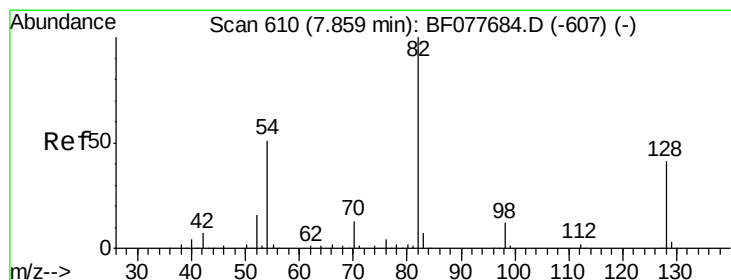
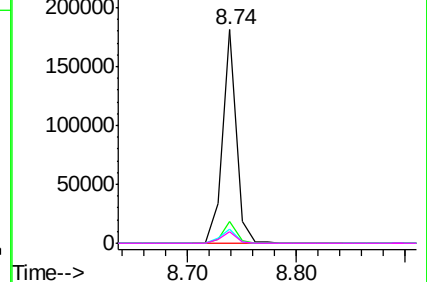
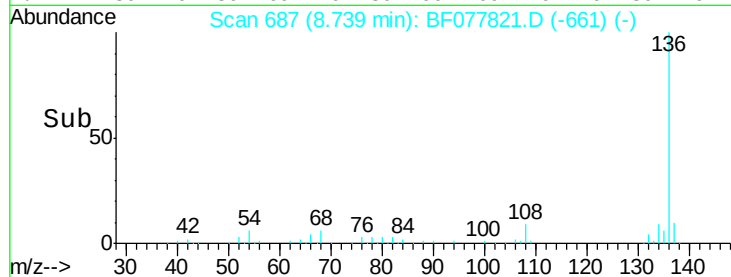


Abundance Ion 136.00 (135.70 to 136.70): E

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: 106.35 ng

RT: 7.86 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF077821.D

Acq: 19 Mar 2015 5:13

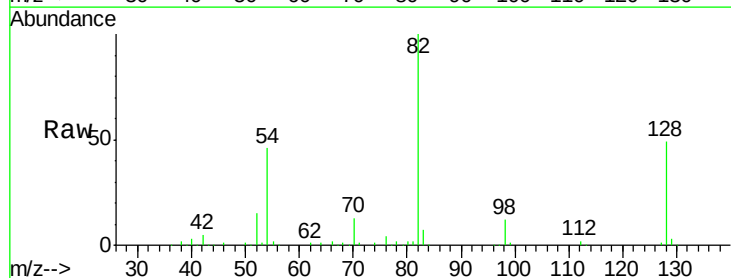
Tgt Ion: 82 Resp: 263878

Ion Ratio Lower Upper

82 100

128 49.2 32.8 49.2

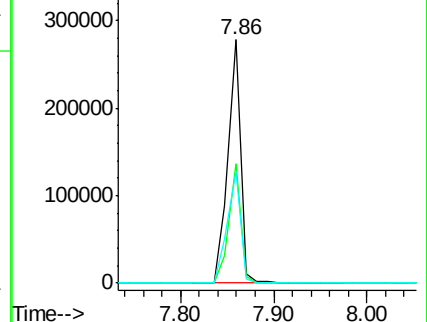
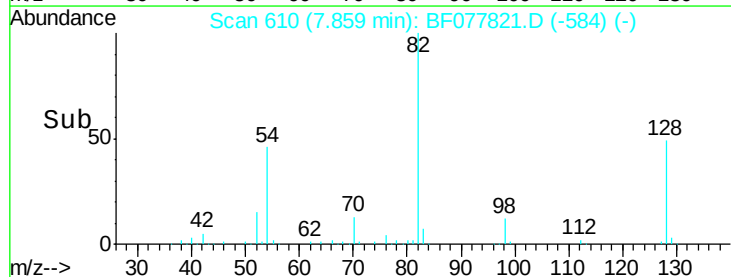
54 46.1 40.6 60.8

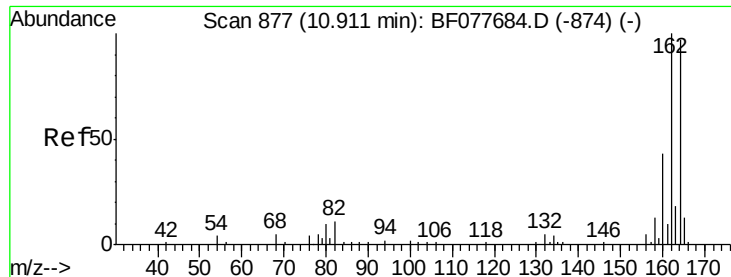


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

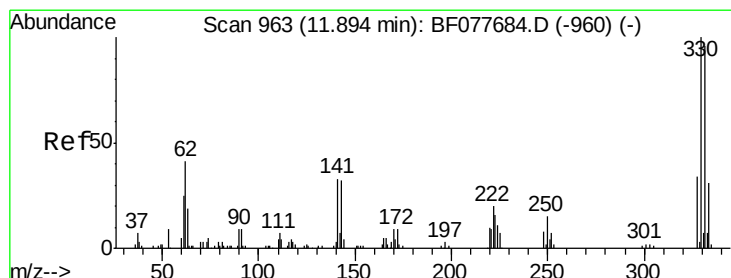
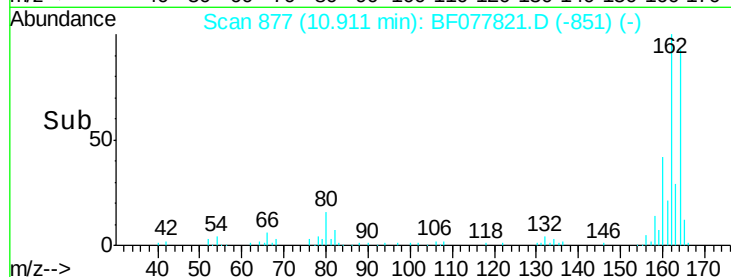
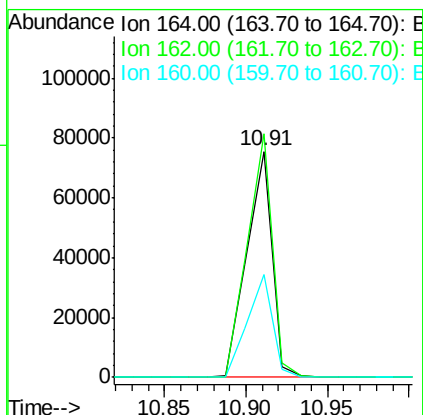
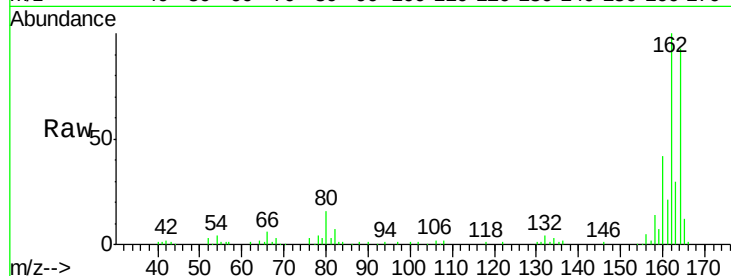




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.91 min Scan# 877
 Delta R.T. 0.00 min
 Lab File: BF077821.D
 Acq: 19 Mar 2015 5:13

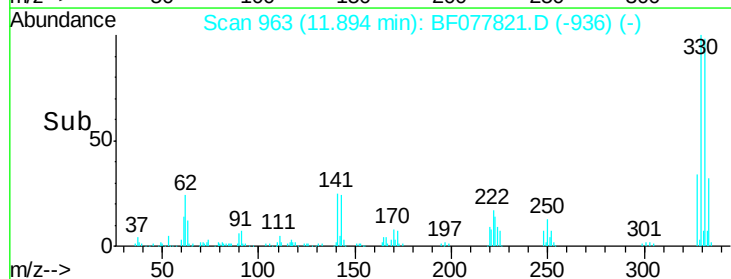
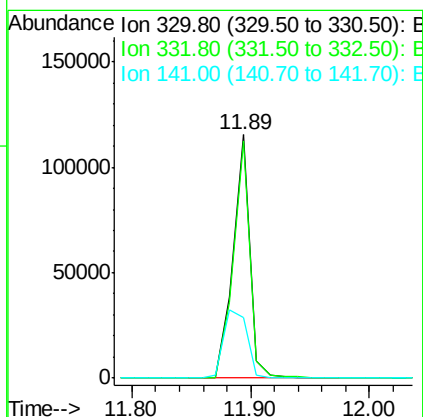
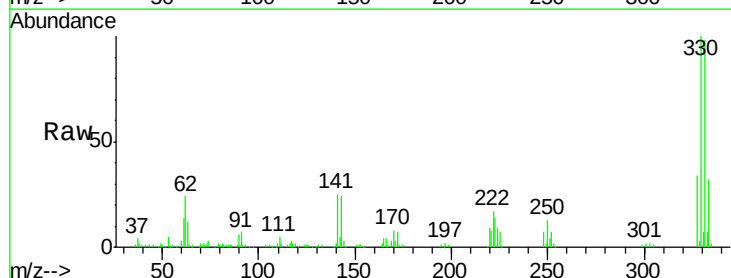
Instrument :
 BNA_F
 ClientSampleId :
 SB-9(12-14)

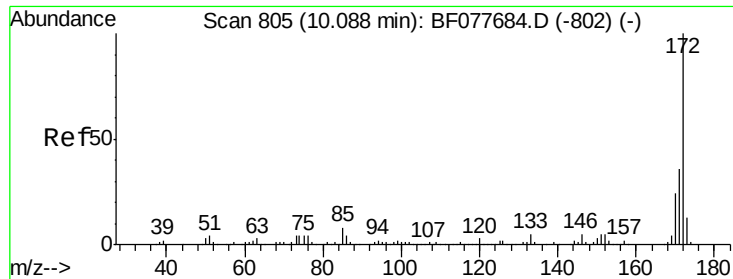
Tgt Ion:164 Resp: 80491
 Ion Ratio Lower Upper
 164 100
 162 107.9 82.4 123.6
 160 45.4 35.8 53.6



#41
 2,4,6-Tribromophenol
 Concen: 147.14 ng
 RT: 11.89 min Scan# 963
 Delta R.T. 0.01 min
 Lab File: BF077821.D
 Acq: 19 Mar 2015 5:13

Tgt Ion:330 Resp: 113314
 Ion Ratio Lower Upper
 330 100
 332 97.3 0.0 0.0#
 141 38.6 0.0 0.0#

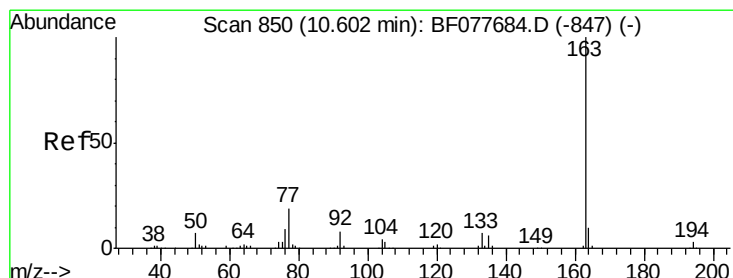
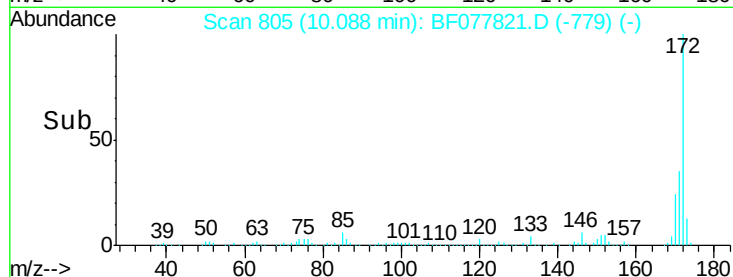
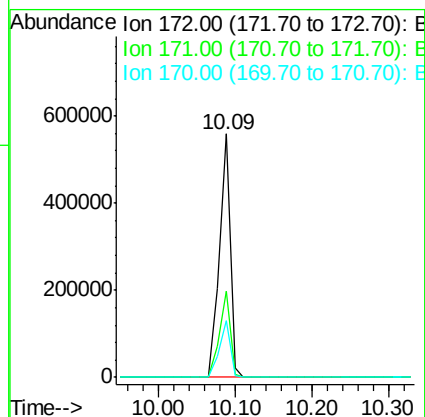
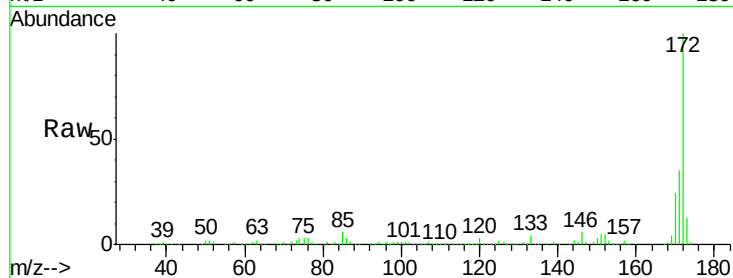




#44
 2-Fluorobiphenyl
 Concen: 99.55 ng
 RT: 10.09 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF077821.D
 Acq: 19 Mar 2015 5:13

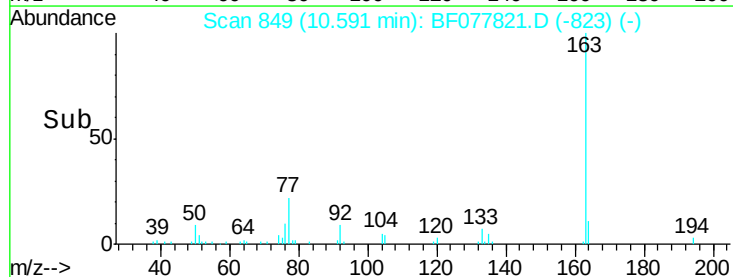
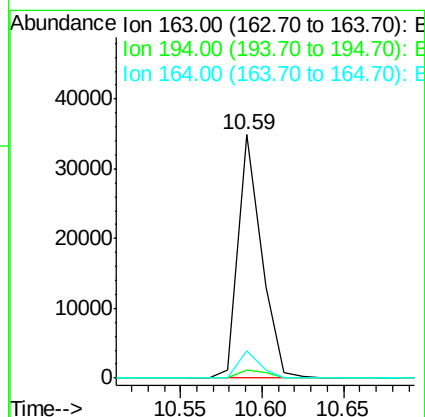
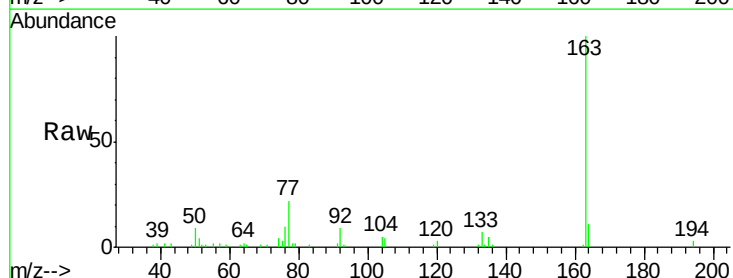
Instrument :
 BNA_F
 ClientSampleId :
 SB-9(12-14)

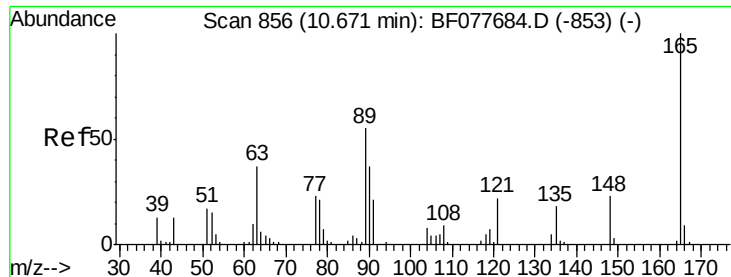
Tgt Ion:172 Resp: 545258
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.5 42.7
 170 23.5 18.8 28.2



#49
 Dimethylphthalate
 Concen: 5.78 ng
 RT: 10.59 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF077821.D
 Acq: 19 Mar 2015 5:13

Tgt Ion:163 Resp: 34501
 Ion Ratio Lower Upper
 163 100
 194 3.5 2.7 4.1
 164 11.0 8.2 12.2

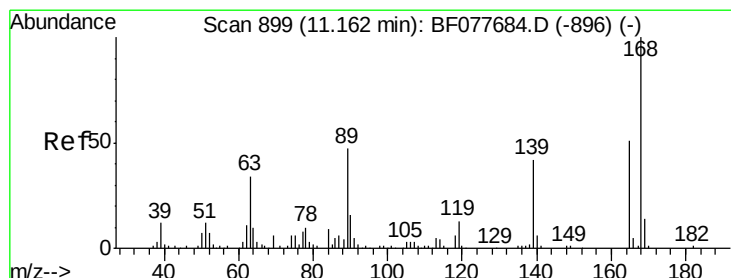
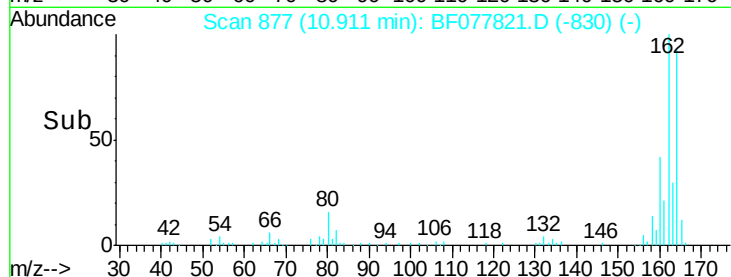
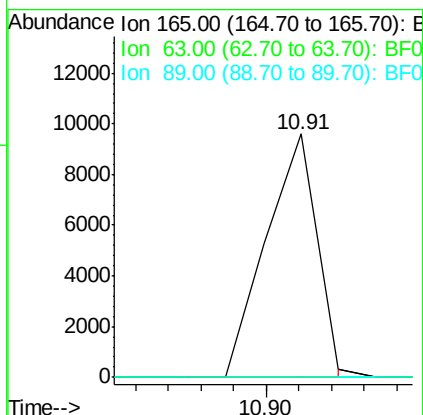
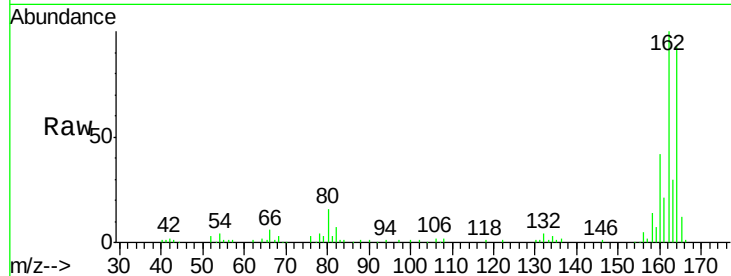




#50
 2,6-Dinitrotoluene
 Concen: 8.40 ng
 RT: 10.91 min Scan# 877
 Delta R.T. 0.24 min
 Lab File: BF077821.D
 Acq: 19 Mar 2015 5:13

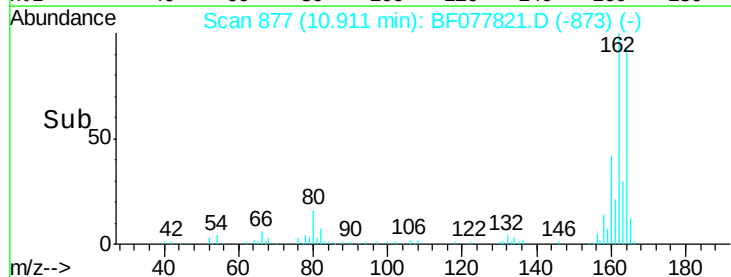
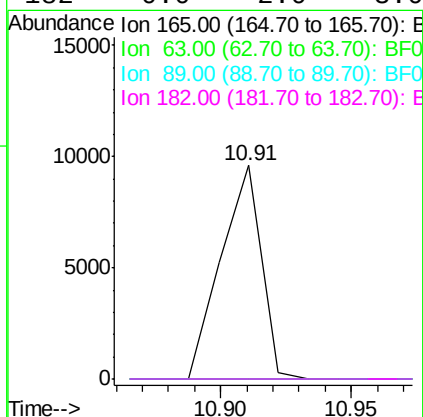
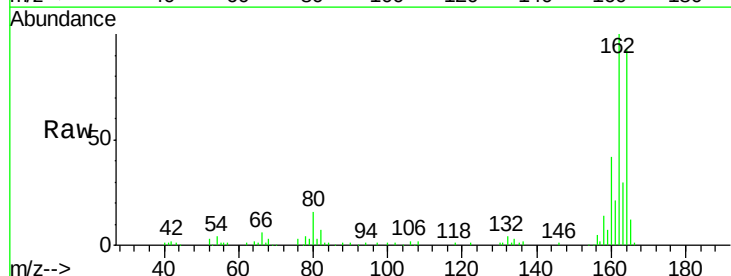
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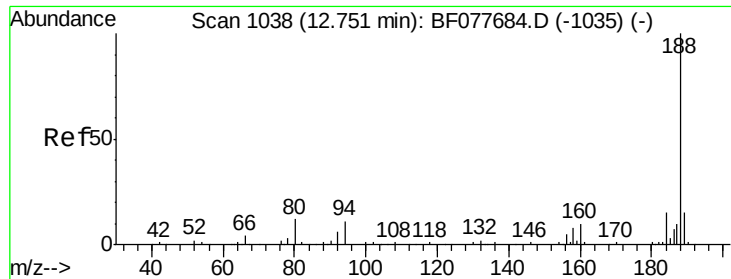
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.1	66.1#
89	0.0	44.3	66.5#



#56
 2,4-Dinitrotoluene
 Concen: 6.44 ng
 RT: 10.91 min Scan# 877
 Delta R.T. -0.25 min
 Lab File: BF077821.D
 Acq: 19 Mar 2015 5:13

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#

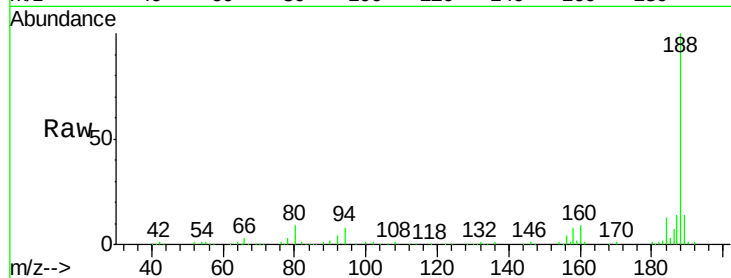




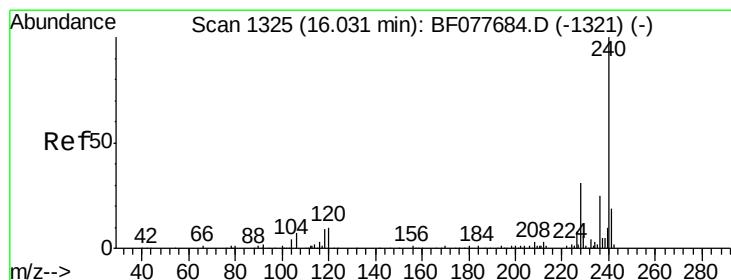
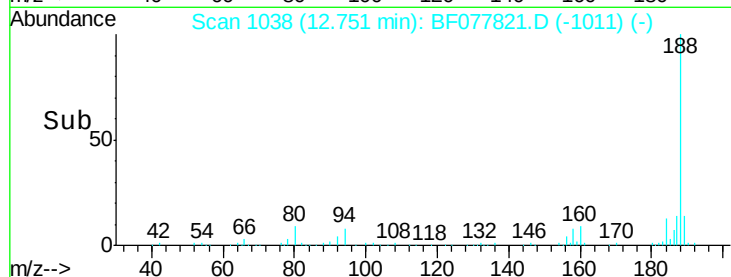
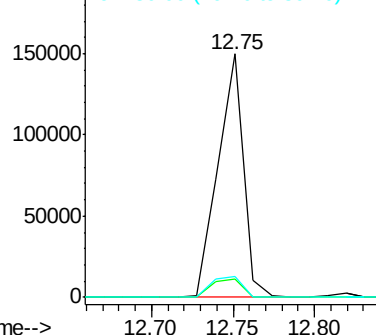
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.75 min Scan# 1038
Delta R.T. 0.01 min
Lab File: BF077821.D
Acq: 19 Mar 2015 5:13

Instrument :
BNA_F
ClientSampleId :
SB-9(12-14)

Tgt Ion:188 Resp: 162268
Ion Ratio Lower Upper
188 100
94 7.8 8.7 13.1#
80 8.5 9.3 13.9#

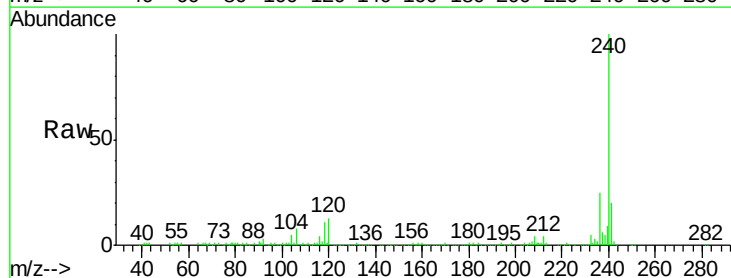


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

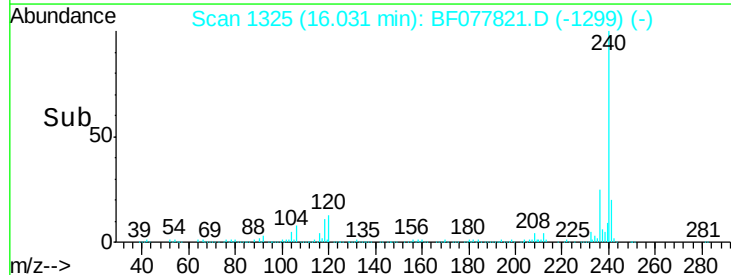
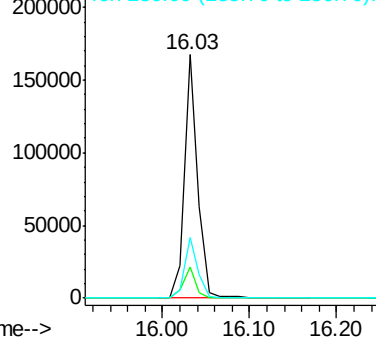


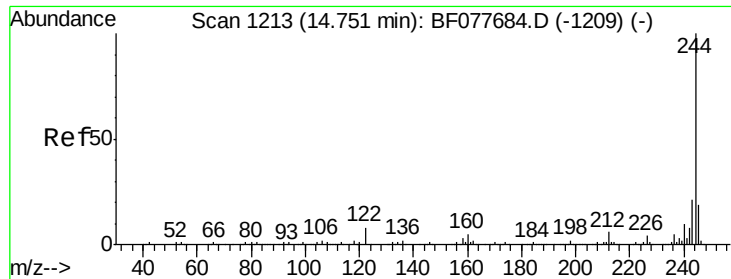
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.03 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF077821.D
Acq: 19 Mar 2015 5:13

Tgt Ion:240 Resp: 179459
Ion Ratio Lower Upper
240 100
120 12.6 8.2 12.2#
236 25.0 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

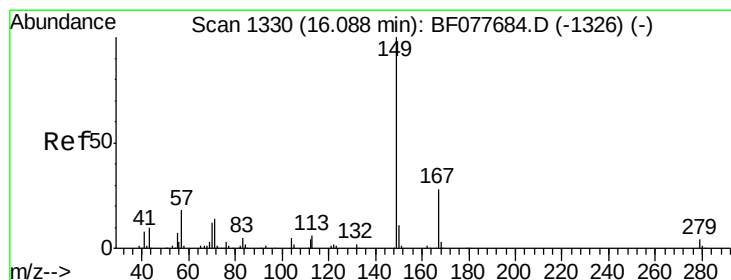
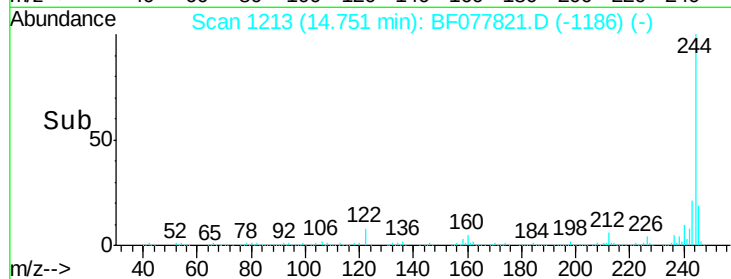
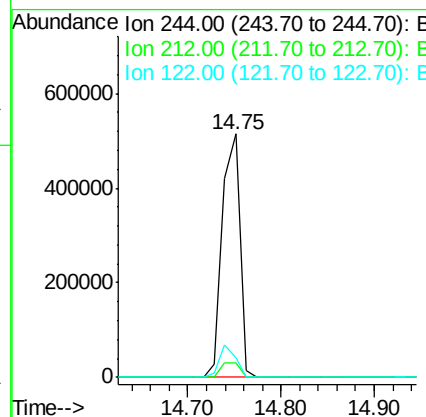
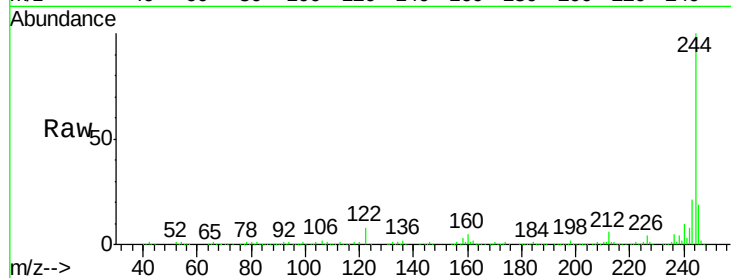




#78
 Terphenyl-d14
 Concen: 91.69 ng
 RT: 14.75 min Scan# 1213
 Delta R.T. 0.01 min
 Lab File: BF077821.D
 Acq: 19 Mar 2015 5:13

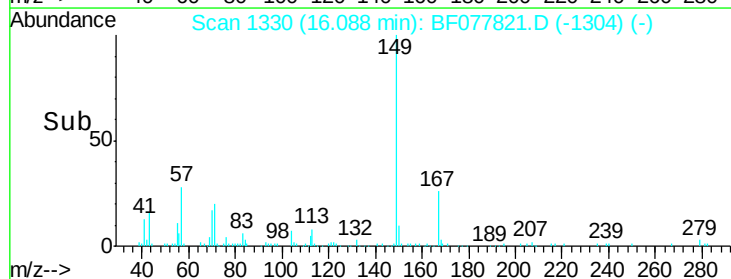
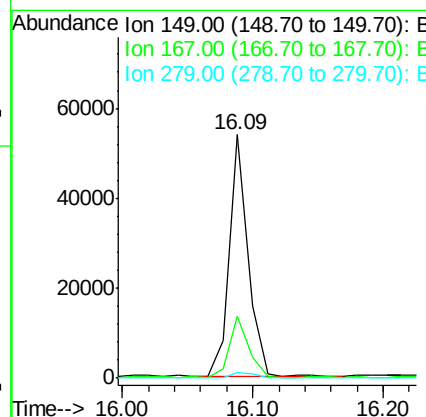
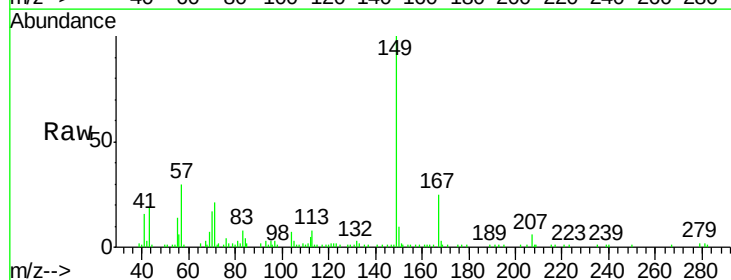
Instrument :
 BNA_F
 ClientSampleId :
 SB-9(12-14)

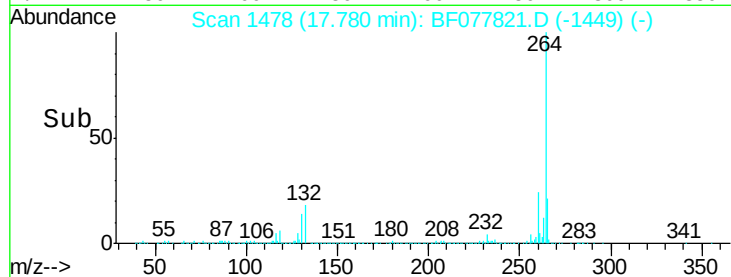
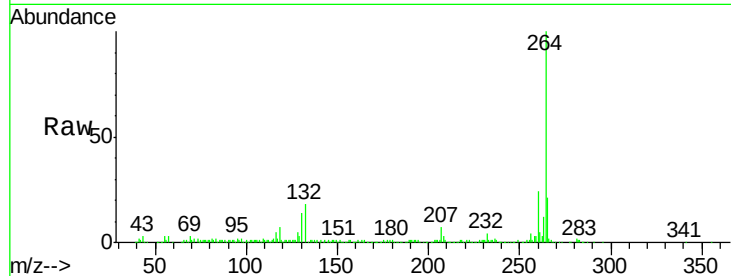
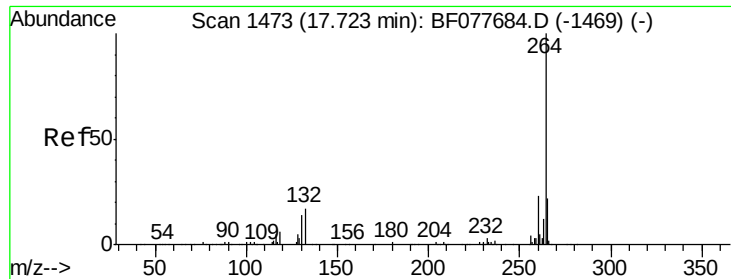
Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.1	4.9	7.3
122	7.8	6.2	9.4



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 7.98 ng
 RT: 16.09 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: BF077821.D
 Acq: 19 Mar 2015 5:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.4	22.4	33.6
279	2.5	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: BF077821.D

Acq: 19 Mar 2015 5:13

Instrument :

BNA_F

ClientSampleId :

SB-9(12-14)

Tgt Ion:264 Resp: 182616

Ion Ratio Lower Upper

264 100

260 23.6 18.6 27.8

265 21.2 17.3 25.9

