

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032715\
 Data File : BF078069.D
 Acq On : 28 Mar 2015 8:51
 Operator : TP/IZ
 Sample : G1667-22
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 REC-7-1-4(7.5-8.0)

Quant Time: Mar 30 00:14:34 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 30 00:50:20 2015
 Response via : Initial Calibration

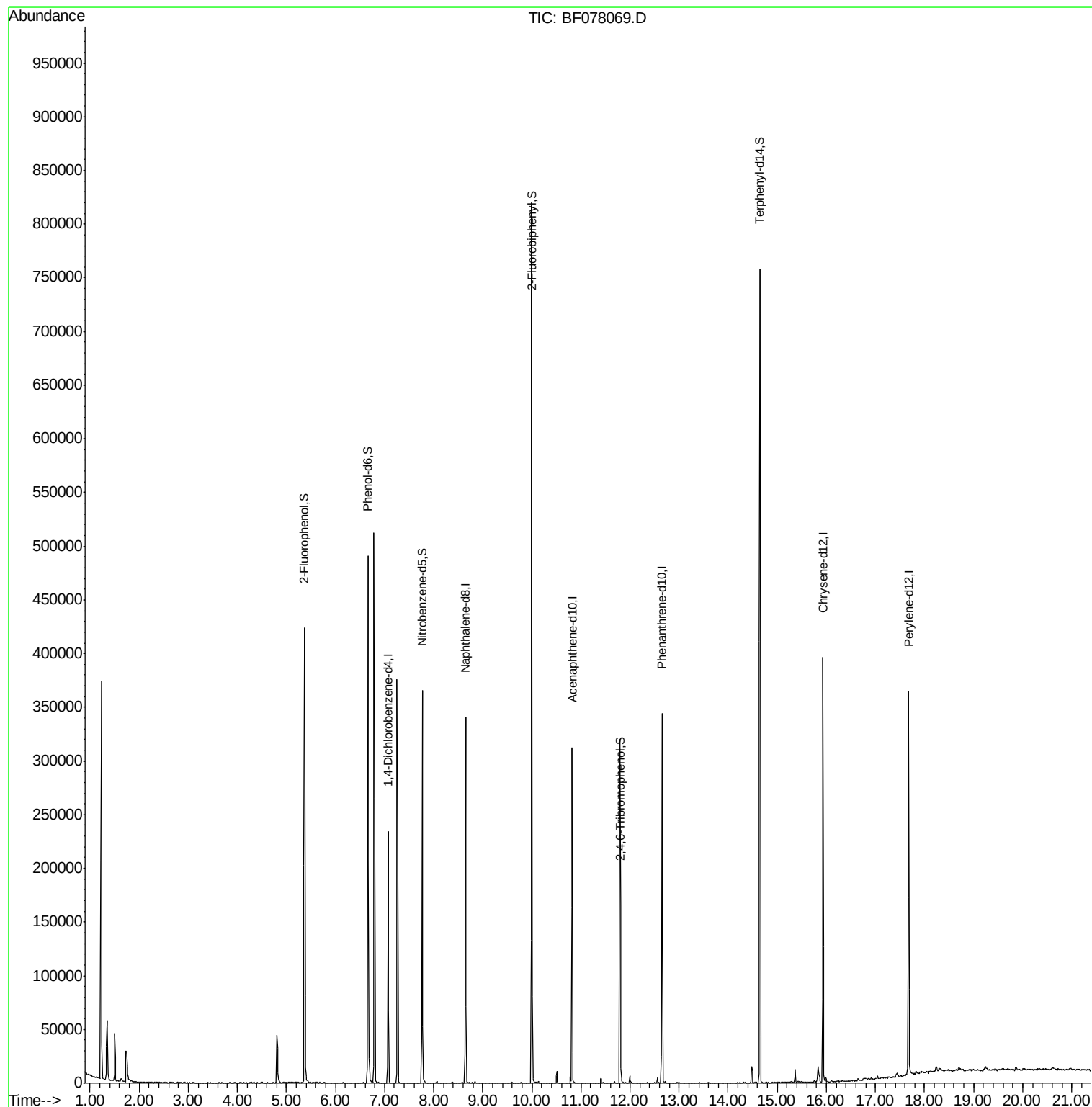
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	38459	20.00	ng	0.00
21) Naphthalene-d8	8.65	136	158028	20.00	ng	0.00
38) Acenaphthene-d10	10.82	164	77843	20.00	ng	0.00
63) Phenanthrene-d10	12.65	188	151815	20.00	ng	0.00
75) Chrysene-d12	15.93	240	164710	20.00	ng	0.00
86) Perylene-d12	17.68	264	164905	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	155525	70.59	ng	0.00
7) Phenol-d6	6.66	99	200872	73.79	ng	-0.01
23) Nitrobenzene-d5	7.77	82	114085	47.32	ng	-0.01
41) 2,4,6-Tribromophenol	11.80	330	44381	59.59	ng	0.00
44) 2-Fluorobiphenyl	10.00	172	259536	49.00	ng	0.00
78) Terphenyl-d14	14.65	244	310028	45.98	ng	0.00
Target Compounds						
76) Benzidine	14.35	184	781	Below Cal	Qvalue #	68

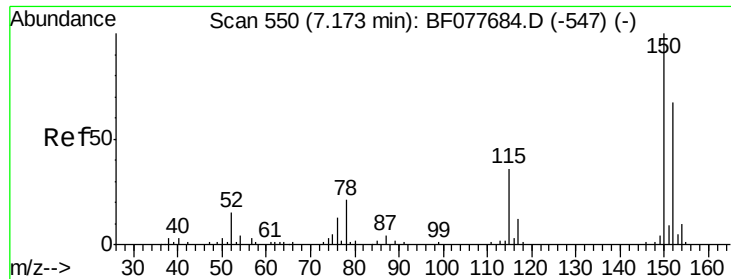
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.07 min Scan# 541

Delta R.T. -0.00 min

Lab File: BF078069.D

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Instrument :

BNA_F

ClientSampleId :

REC-7-1-4(7.5-8.0)

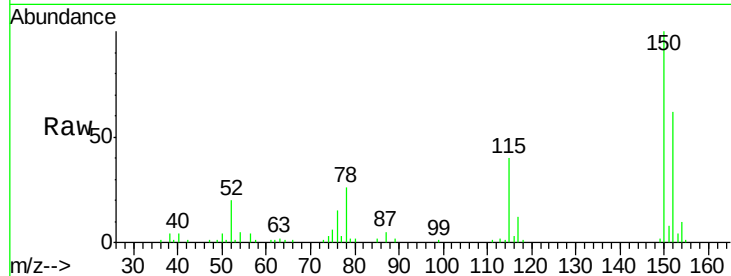
Tgt Ion:152 Resp: 38459

Ion Ratio Lower Upper

152 100

150 161.2 119.5 179.3

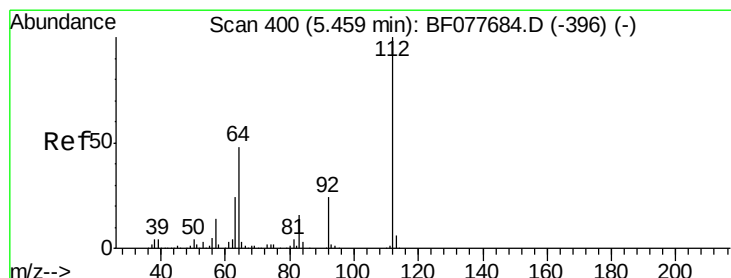
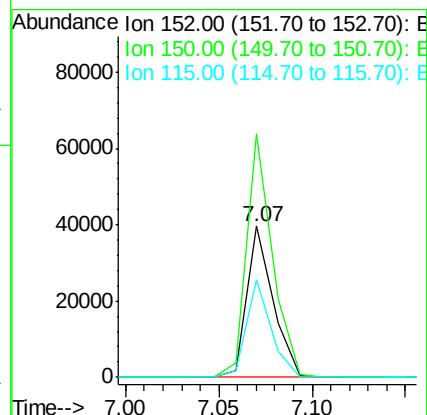
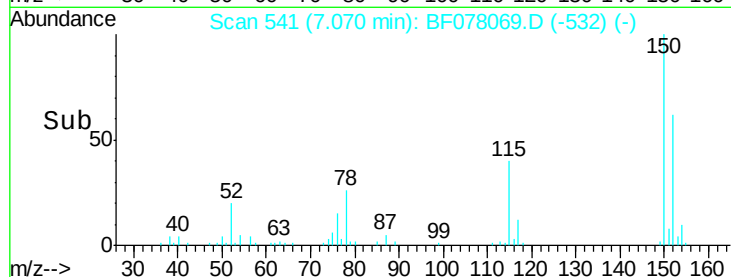
115 64.8 43.0 64.4#



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: 70.59 ng

RT: 5.37 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF078069.D

Acq: 28 Mar 2015 8:51

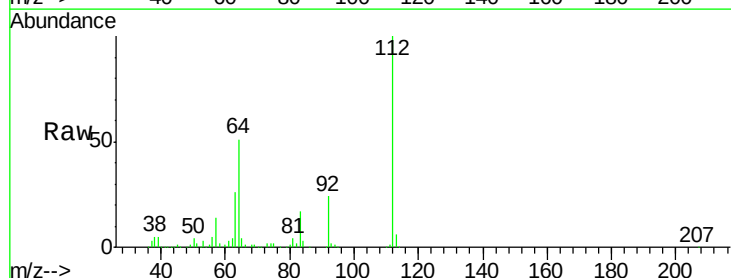
Tgt Ion:112 Resp: 155525

Ion Ratio Lower Upper

112 100

64 51.1 38.6 57.8

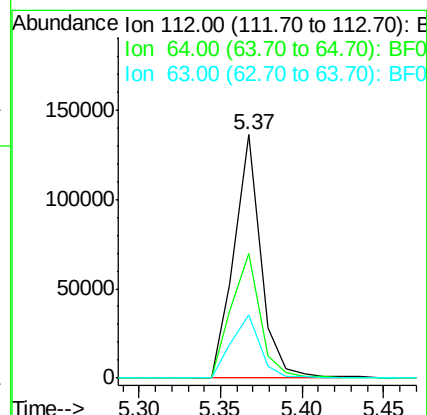
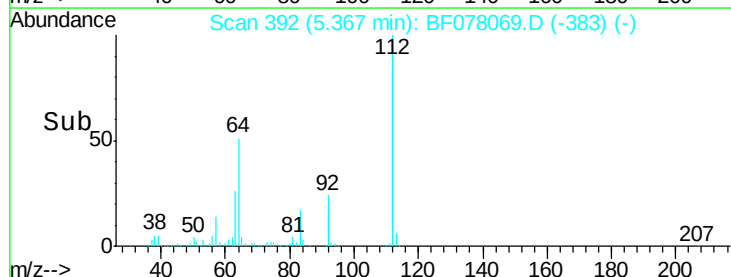
63 25.9 19.3 28.9

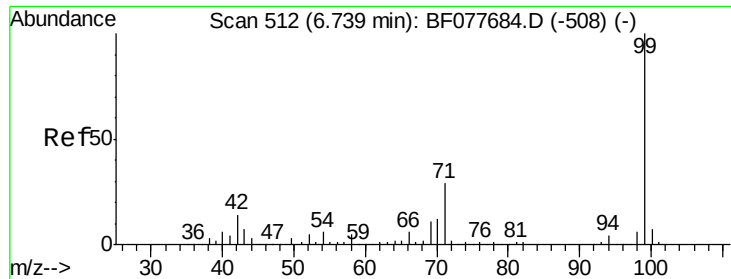


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 73.79 ng

RT: 6.66 min Scan# 505

Delta R.T. -0.01 min

Lab File: BF078069.D

Acq: 28 Mar 2015 8:51

Instrument :

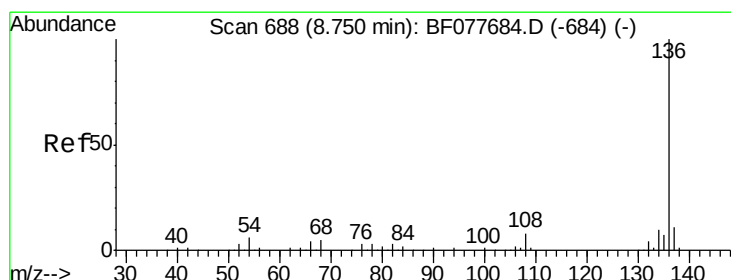
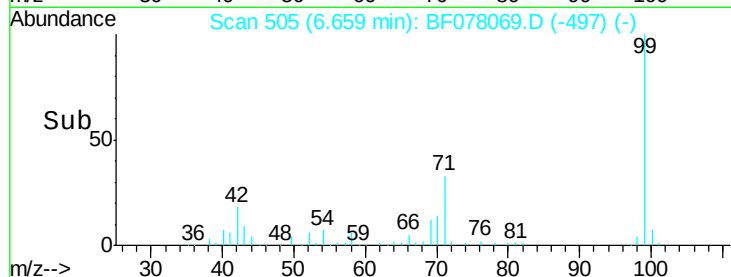
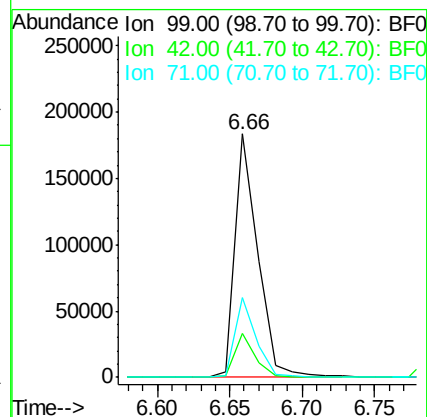
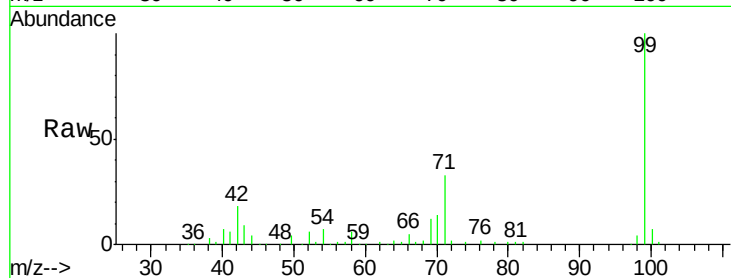
BNA_F

ClientSampleId :

REC-7-1-4(7.5-8.0)

Tgt Ion: 99 Resp: 200872

Ion	Ratio	Lower	Upper
99	100		
42	18.2	11.0	16.4#
71	32.7	23.4	35.2



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.65 min Scan# 679

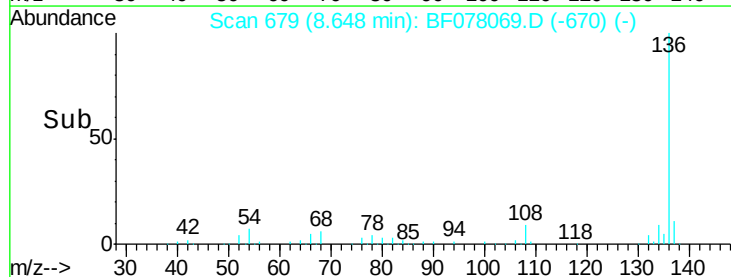
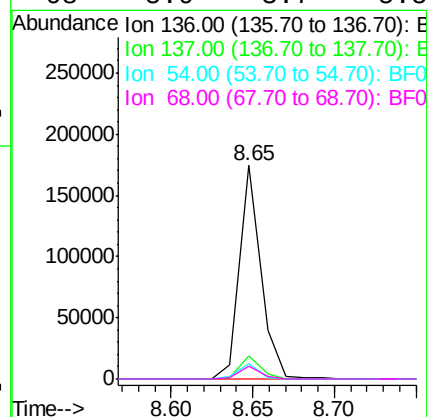
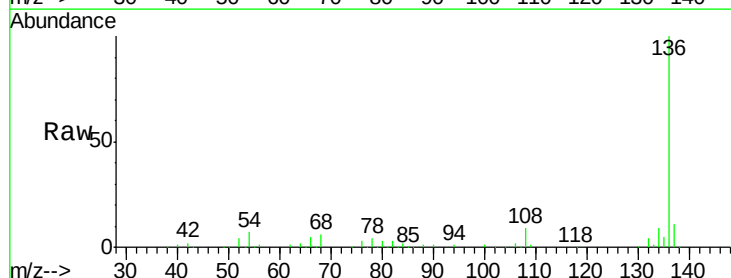
Delta R.T. -0.00 min

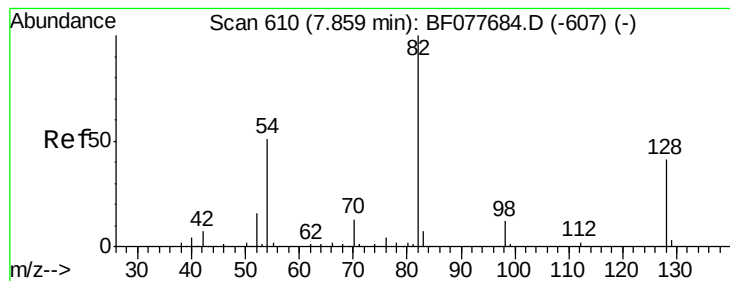
Lab File: BF078069.D

Acq: 28 Mar 2015 8:51

Tgt Ion: 136 Resp: 158028

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.2	4.6	6.8#
68	5.9	3.7	5.5#





#23

Nitrobenzene-d5

Concen: 47.32 ng

RT: 7.77 min Scan# 602

Delta R.T. -0.01 min

Lab File: BF078069.D

Acq: 28 Mar 2015 8:51

Instrument :

BNA_F

ClientSampleId :

REC-7-1-4(7.5-8.0)

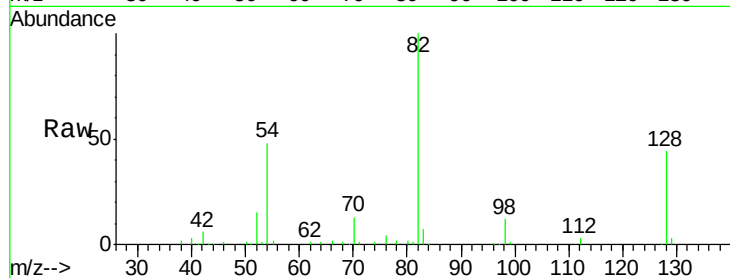
Tgt Ion: 82 Resp: 114085

Ion Ratio Lower Upper

82 100

128 44.0 32.8 49.2

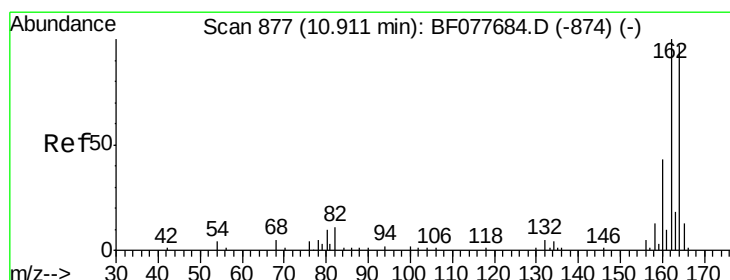
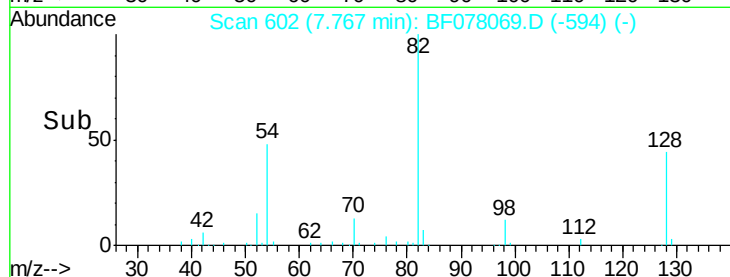
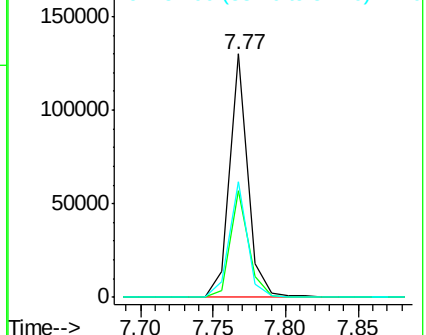
54 47.6 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BF077684.D (-607) (-)

Ion 128.00 (127.70 to 128.70): BF077684.D (-607) (-)

Ion 54.00 (53.70 to 54.70): BF077684.D (-607) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.82 min Scan# 869

Delta R.T. -0.00 min

Lab File: BF078069.D

Acq: 28 Mar 2015 8:51

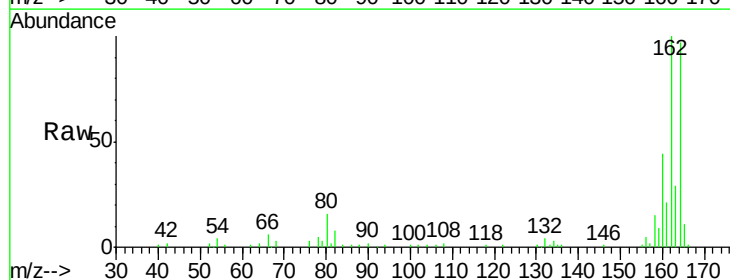
Tgt Ion: 164 Resp: 77843

Ion Ratio Lower Upper

164 100

162 103.6 82.4 123.6

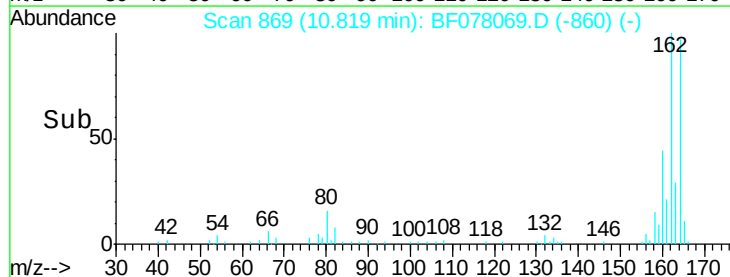
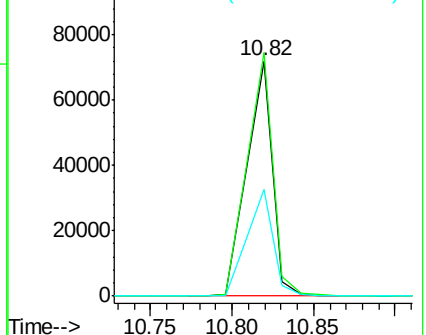
160 45.6 35.8 53.6

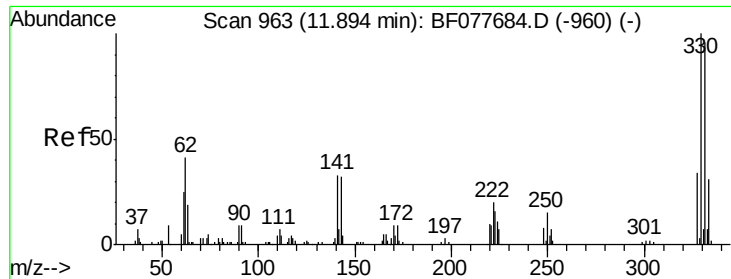


Abundance Ion 164.00 (163.70 to 164.70): BF077684.D (-874) (-)

Ion 162.00 (161.70 to 162.70): BF077684.D (-874) (-)

Ion 160.00 (159.70 to 160.70): BF077684.D (-874) (-)

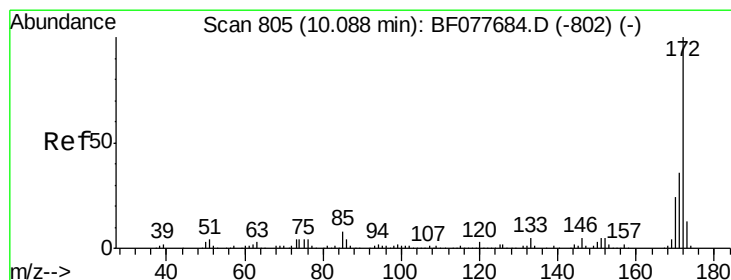
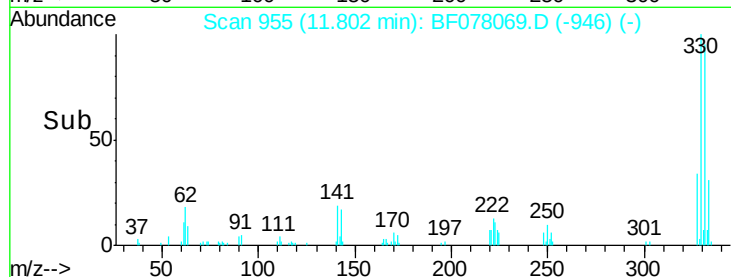
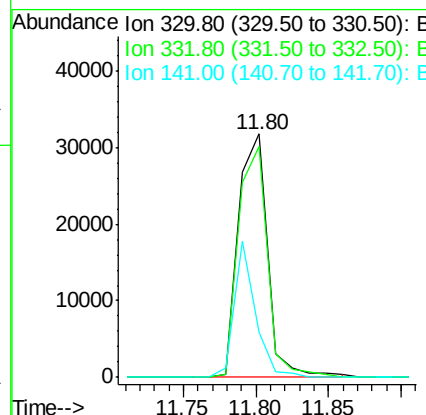
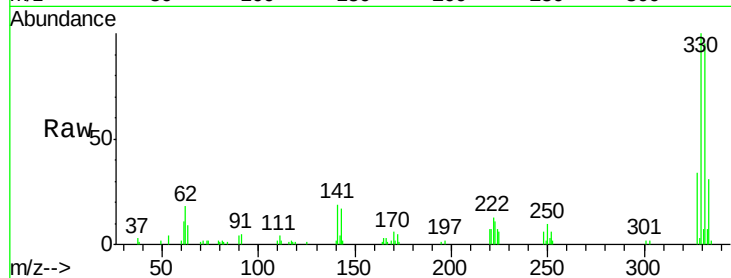




#41
 2,4,6-Tribromophenol
 Concen: 59.59 ng
 RT: 11.80 min Scan# 955
 Delta R.T. -0.00 min
 Lab File: BF078069.D
 Acq: 28 Mar 2015 8:51

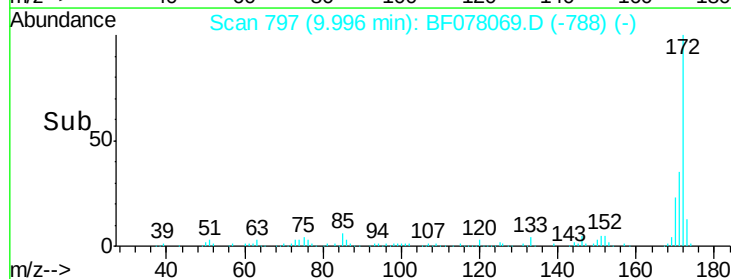
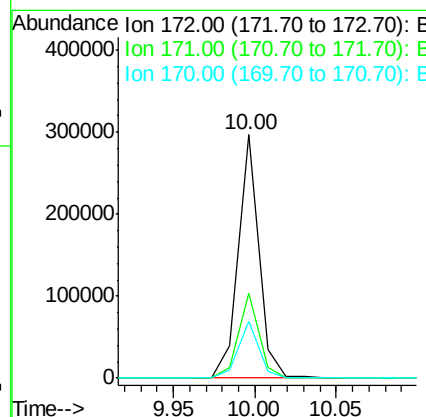
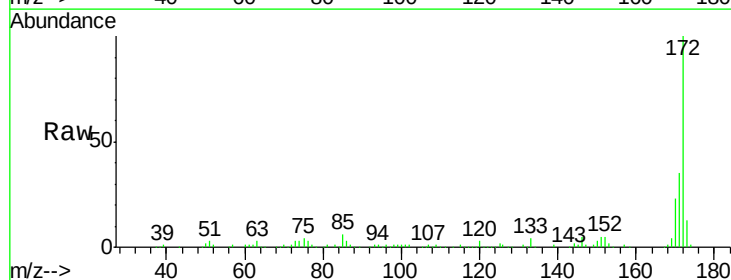
Instrument :
 BNA_F
 ClientSampleId :
 REC-7-1-4(7.5-8.0)

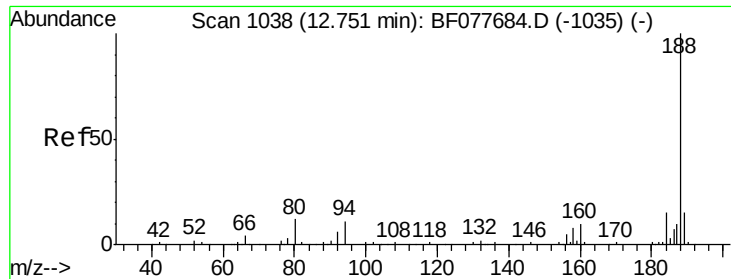
Tgt Ion:330 Resp: 44381
 Ion Ratio Lower Upper
 330 100
 332 94.7 0.0 0.0#
 141 40.4 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 49.00 ng
 RT: 10.00 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF078069.D
 Acq: 28 Mar 2015 8:51

Tgt Ion:172 Resp: 259536
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.5 42.7
 170 23.1 18.8 28.2

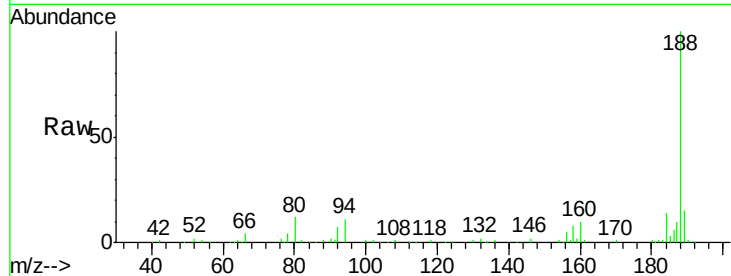




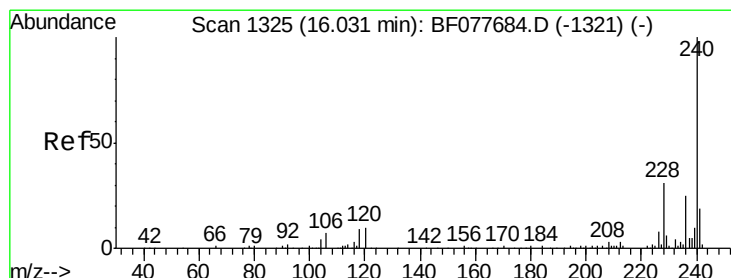
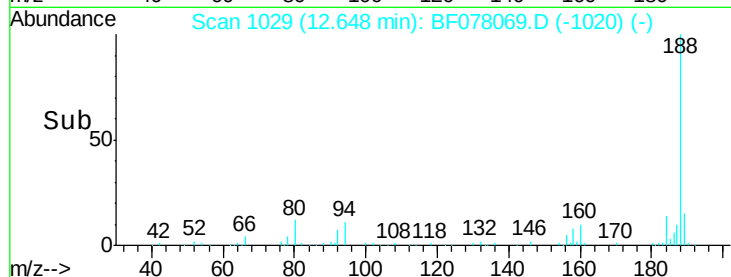
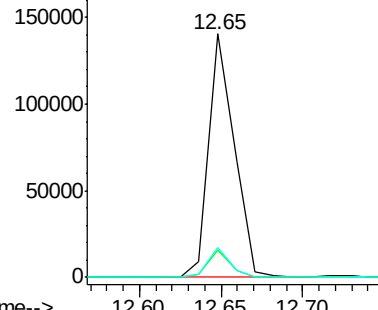
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.65 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF078069.D
Acq: 28 Mar 2015 8:51

Instrument :
BNA_F
ClientSampleId :
REC-7-1-4(7.5-8.0)

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	151815		
94	11.3	8.7	13.1	
80	12.4	9.3	13.9	

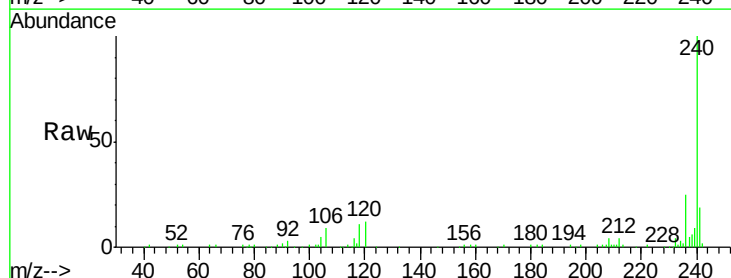


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

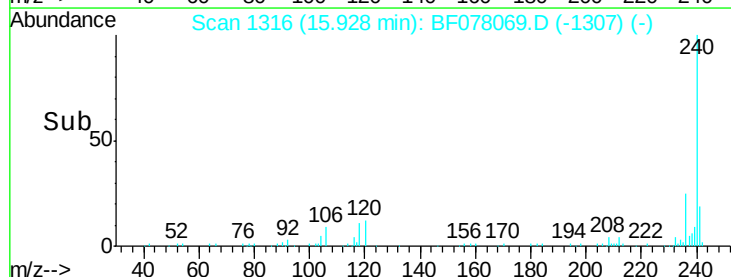
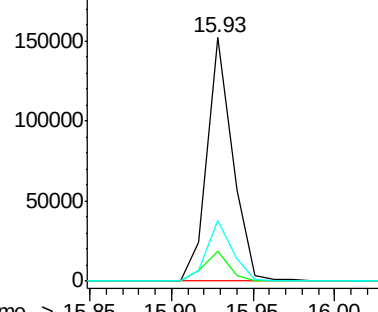


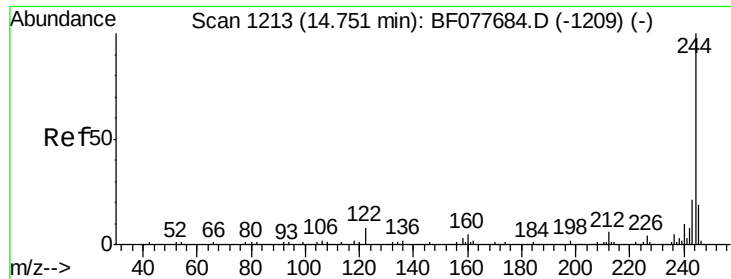
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.93 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF078069.D
Acq: 28 Mar 2015 8:51

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	164710		
120	12.0	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

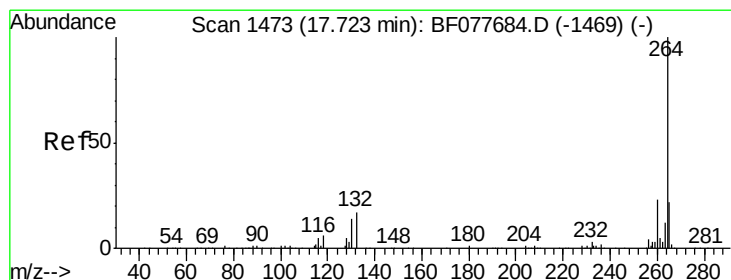
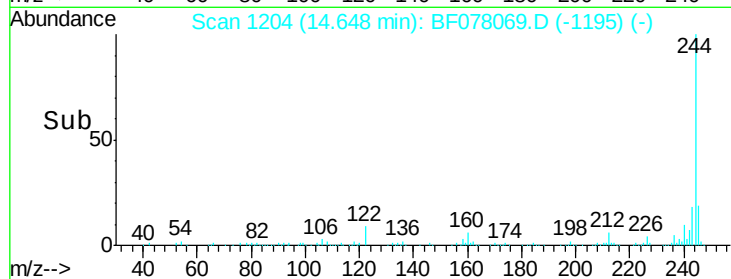
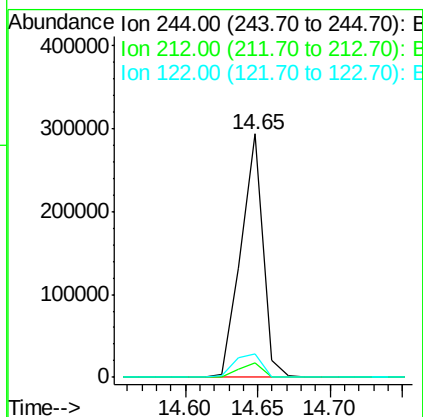
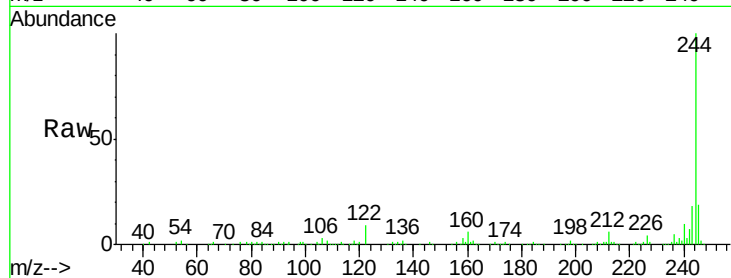




#78
Terphenyl-d14
Concen: 45.98 ng
RT: 14.65 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BF078069.D
Acq: 28 Mar 2015 8:51

Instrument :
BNA_F
ClientSampleId :
REC-7-1-4(7.5-8.0)

Tgt Ion:	244	Resp:	310028
Ion Ratio	Lower	Upper	
244	100		
212	6.2	4.9	7.3
122	9.4	6.2	9.4#



#86
Perylene-d12
Concen: 20.00 ng
RT: 17.68 min Scan# 1469
Delta R.T. 0.05 min
Lab File: BF078069.D
Acq: 28 Mar 2015 8:51

Tgt Ion:	264	Resp:	164905
Ion Ratio	Lower	Upper	
264	100		
260	23.8	18.6	27.8
265	21.5	17.3	25.9

