

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032715\
 Data File : BF078067.D
 Acq On : 28 Mar 2015 7:54
 Operator : TP/IZ
 Sample : G1667-16
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 REC-7-1-2(7.5-8.0)

Quant Time: Mar 30 01:28:14 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	36603	20.00	ng	0.00
21) Naphthalene-d8	8.65	136	147156	20.00	ng	0.00
38) Acenaphthene-d10	10.82	164	72626	20.00	ng	0.00
63) Phenanthrene-d10	12.65	188	147163	20.00	ng	0.00
75) Chrysene-d12	15.93	240	150126	20.00	ng	0.00
86) Perylene-d12	17.63	264	147240	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	175857	83.86	ng	0.00
7) Phenol-d6	6.66	99	222182	85.76	ng	-0.01
23) Nitrobenzene-d5	7.77	82	126287	56.26	ng	-0.01
41) 2,4,6-Tribromophenol	11.79	330	48148	69.29	ng	-0.01
44) 2-Fluorobiphenyl	10.00	172	261102	52.83	ng	0.00
78) Terphenyl-d14	14.65	244	299300	48.70	ng	0.00

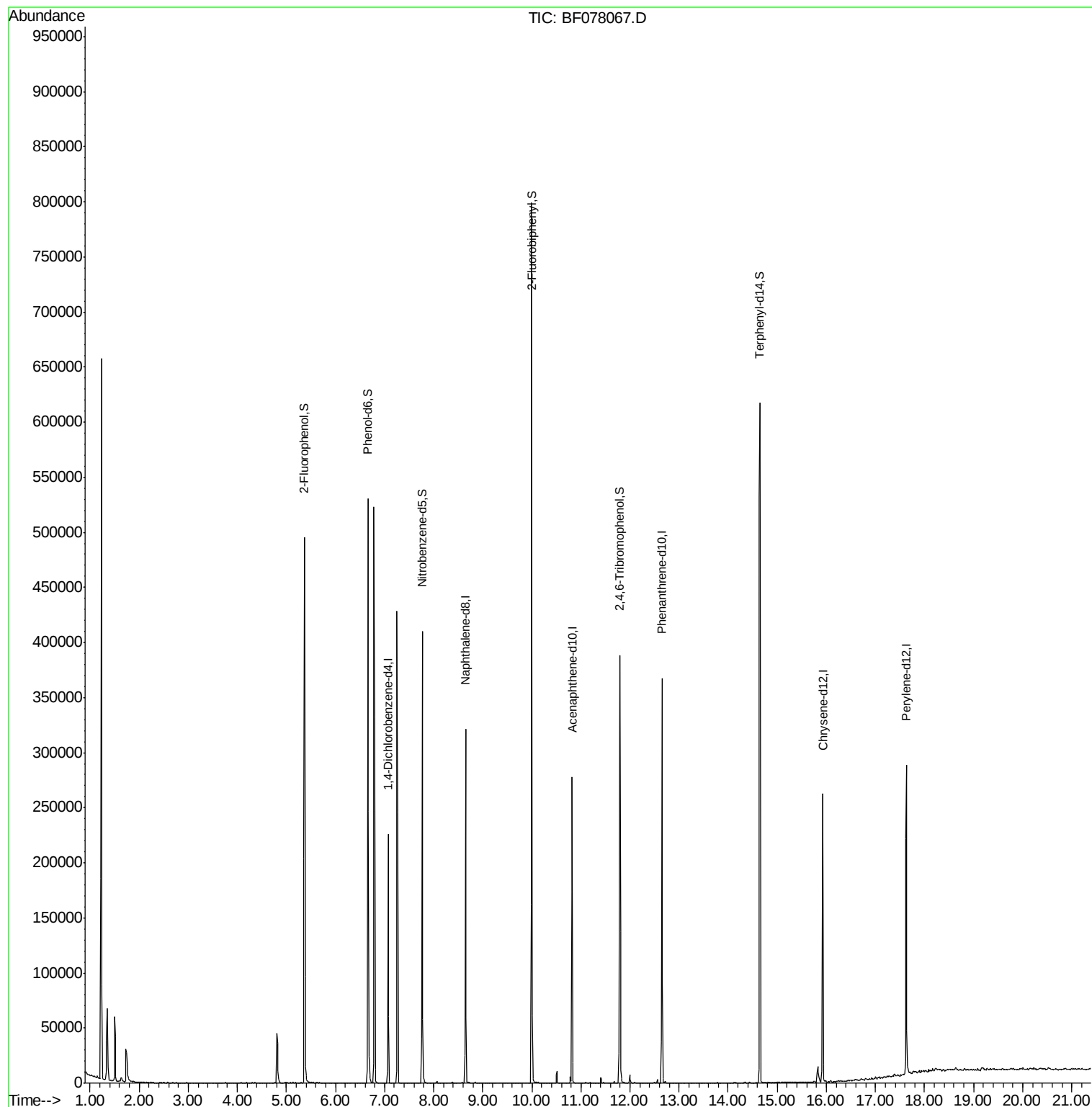
Target Compounds Qvalue

(#) = 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: BF078067.D

Acq: 28 Mar 2015 7:54

Instrument :

BNA_F

ClientSampleId :

REC-7-1-2(7.5-8.0)

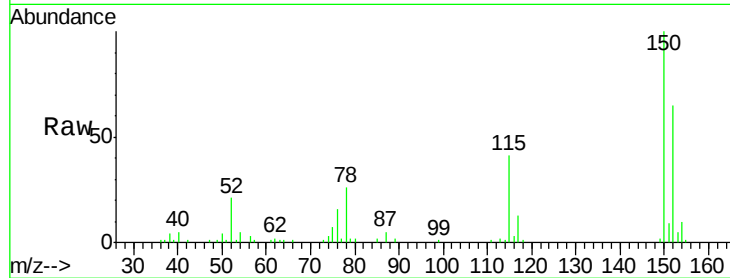
Tot Ion:152 Resp: 36603

Ion Ratio Lower Upper

152 100

150 154.9 119.5 179.3

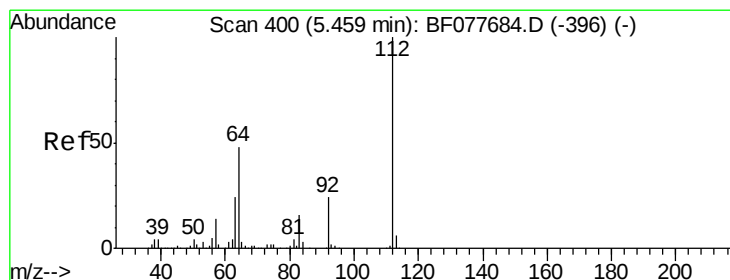
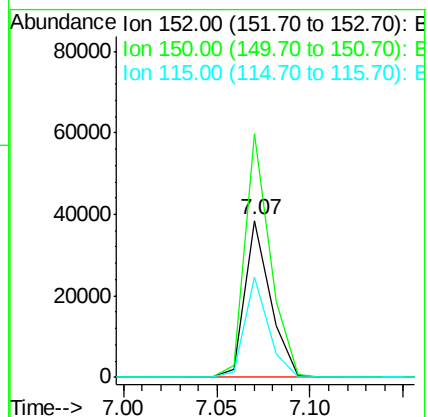
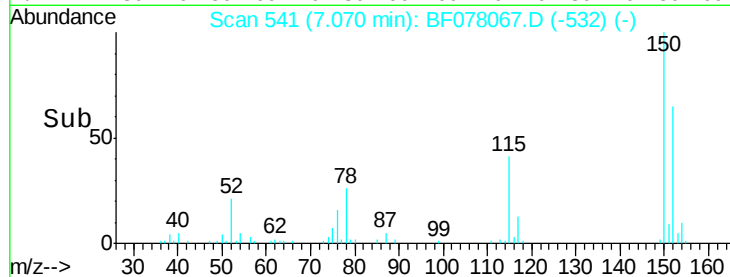
115 63.4 43.0 64.4



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: 83.86 ng

RT: 5.37 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF078067.D

Acq: 28 Mar 2015 7:54

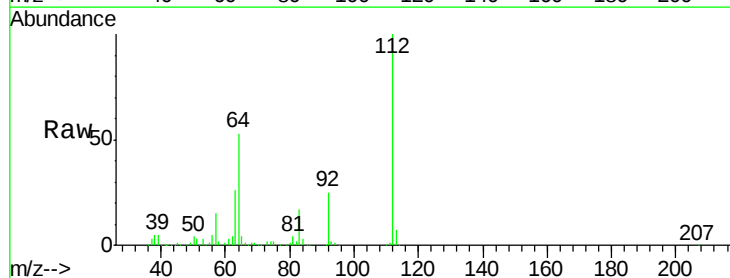
Tgt Ion:112 Resp: 175857

Ion Ratio Lower Upper

112 100

64 52.5 38.6 57.8

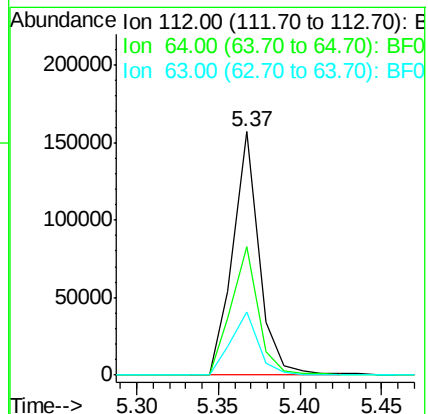
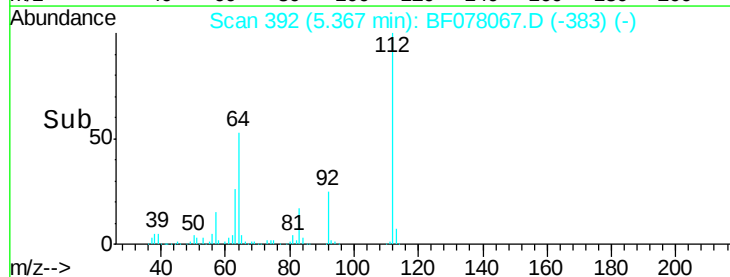
63 25.7 19.3 28.9



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: 85.76 ng

RT: 6.66 min Scan# 505

Delta R.T. -0.01 min

Lab File: BF078067.D

Acq: 28 Mar 2015 7:54

Instrument :

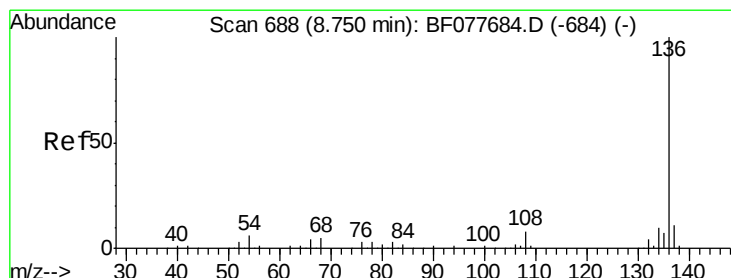
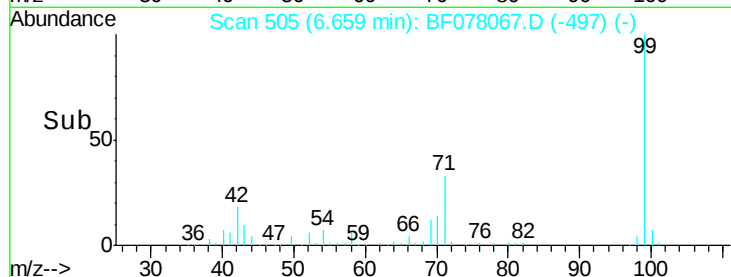
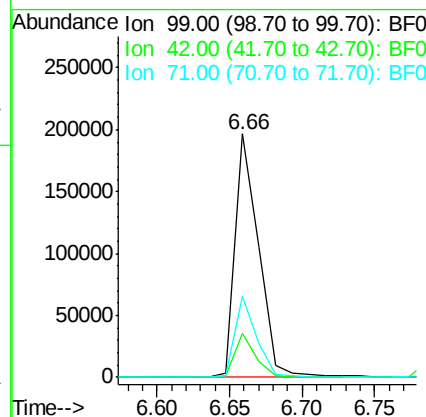
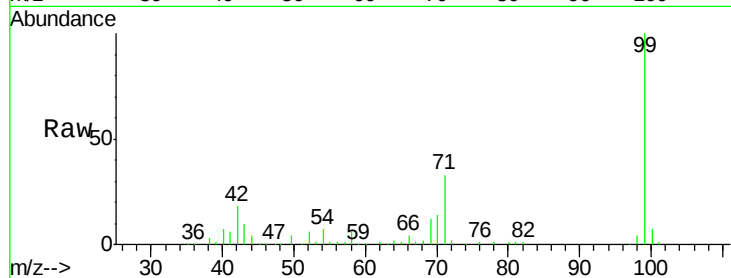
BNA_F

ClientSampleId :

REC-7-1-2(7.5-8.0)

Tot Ion: 99 Resp: 222182

Ion	Ratio	Lower	Upper
99	100		
42	18.2	11.0	16.4#
71	33.1	23.4	35.2



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.65 min Scan# 679

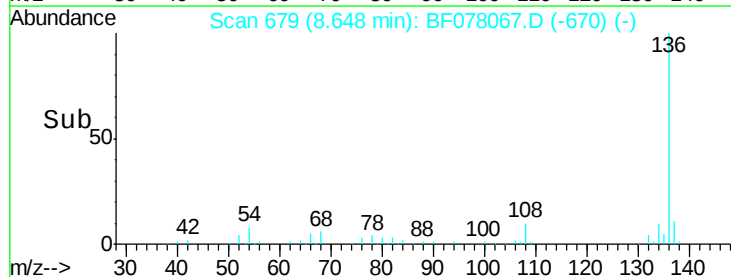
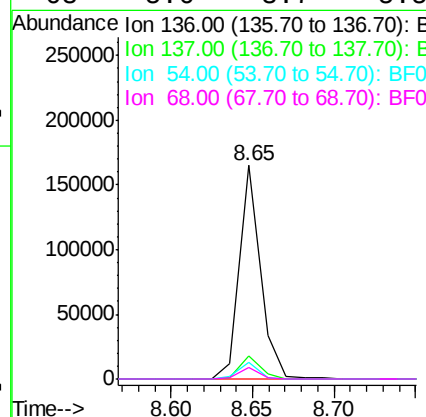
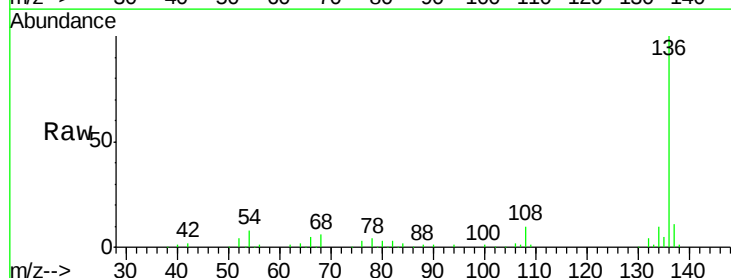
Delta R.T. -0.00 min

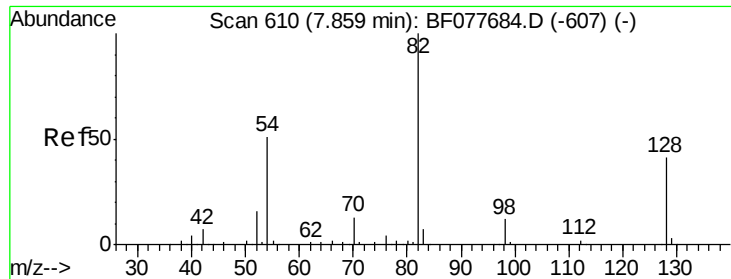
Lab File: BF078067.D

Acq: 28 Mar 2015 7:54

Tgt Ion: 136 Resp: 147156

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	7.6	4.6	6.8#
68	5.6	3.7	5.5#

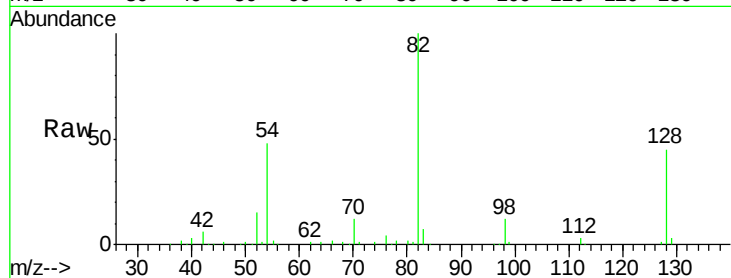




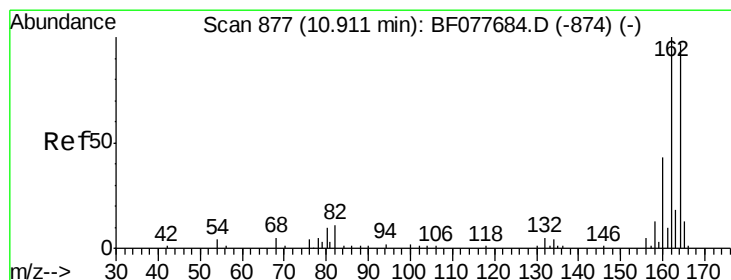
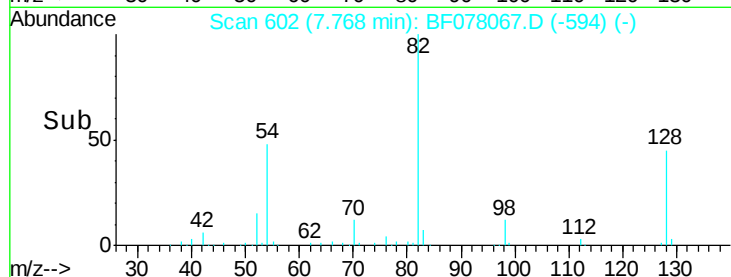
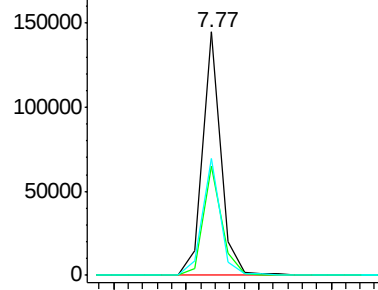
#23
 Nitrobenzene-d5
 Concen: 56.26 ng
 RT: 7.77 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF078067.D
 Acq: 28 Mar 2015 7:54

Instrument :
 BNA_F
 ClientSampleId :
 REC-7-1-2(7.5-8.0)

Tot Ion	82	Resp	126287
Ion Ratio	Lower	Upper	
82	100		
128	44.7	32.8	49.2
54	48.0	40.6	60.8

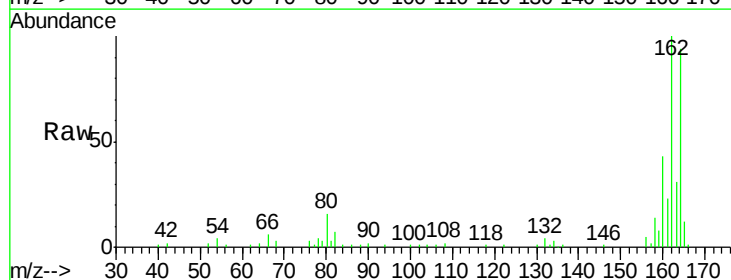


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

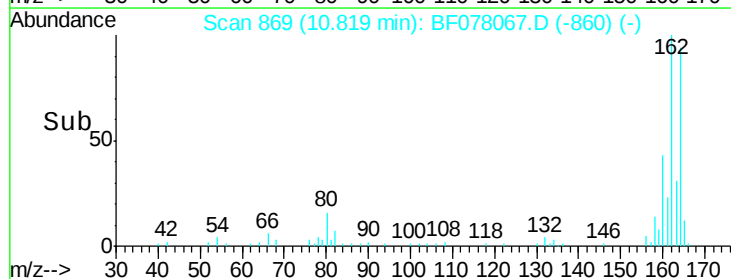
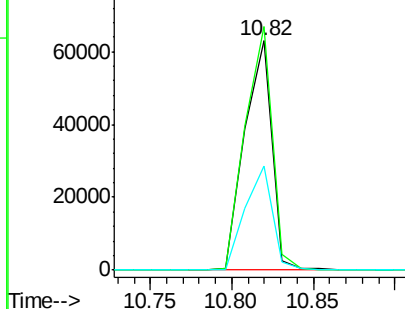


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.82 min Scan# 869
 Delta R.T. -0.00 min
 Lab File: BF078067.D
 Acq: 28 Mar 2015 7:54

Tgt Ion	164	Resp	72626
Ion Ratio	Lower	Upper	
164	100		
162	106.2	82.4	123.6
160	45.4	35.8	53.6



Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B

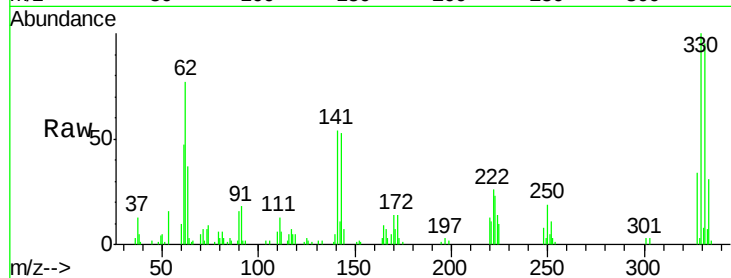




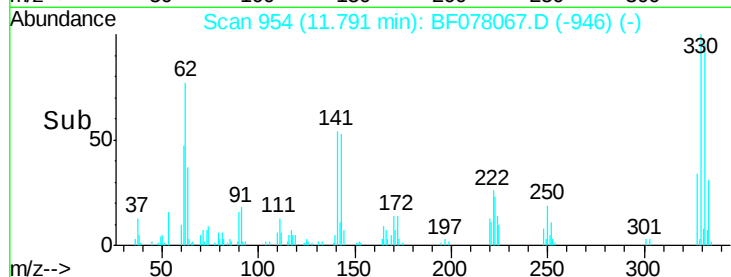
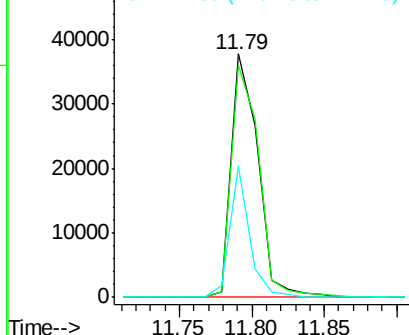
#41
 2,4,6-Tribromophenol
 Concen: 69.29 ng
 RT: 11.79 min Scan# 954
 Delta R.T. -0.01 min
 Lab File: BF078067.D
 Acq: 28 Mar 2015 7:54

Instrument :
 BNA_F
 ClientSampleId :
 REC-7-1-2(7.5-8.0)

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.3	0.0	0.0#
141	39.9	0.0	0.0#

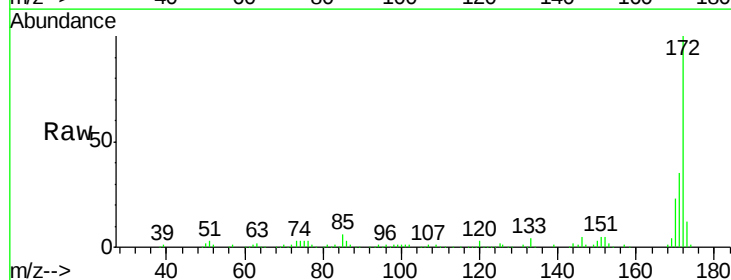


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

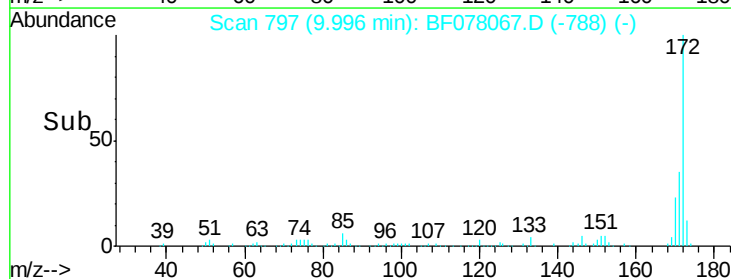
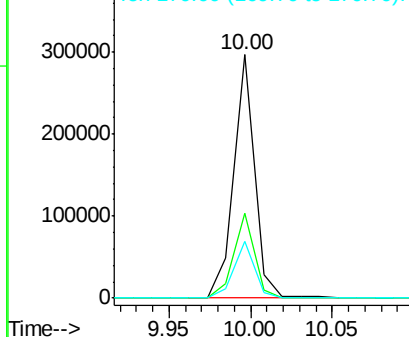


#44
 2-Fluorobiphenyl
 Concen: 52.83 ng
 RT: 10.00 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF078067.D
 Acq: 28 Mar 2015 7:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	23.1	18.8	28.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.65 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BF078067.D

Acq: 28 Mar 2015 7:54

Instrument :

BNA_F

ClientSampleId :

REC-7-1-2(7.5-8.0)

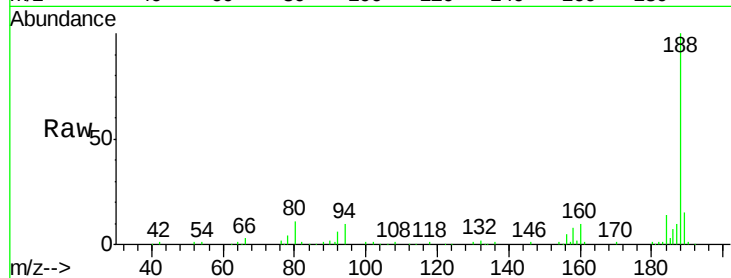
Tot Ion:188 Resp: 147163

Ion Ratio Lower Upper

188 100

94 10.0 8.7 13.1

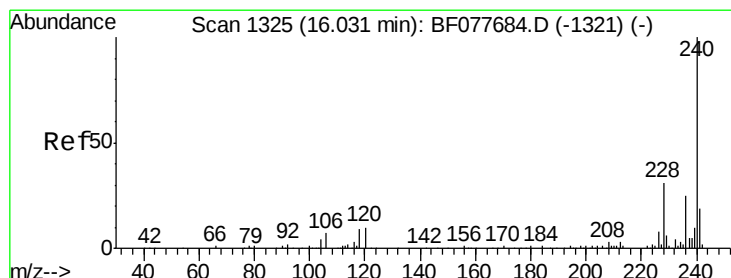
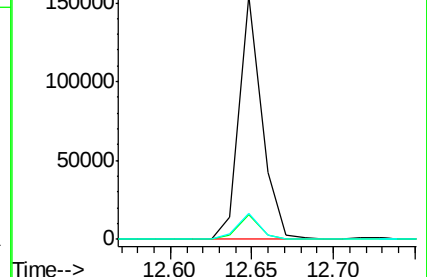
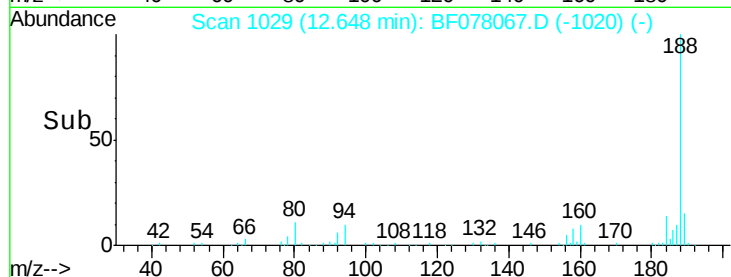
80 10.6 9.3 13.9



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: BF078067.D

Acq: 28 Mar 2015 7:54

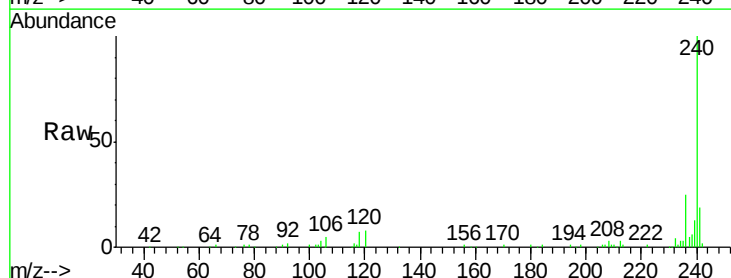
Tgt Ion:240 Resp: 150126

Ion Ratio Lower Upper

240 100

120 7.8 8.2 12.2#

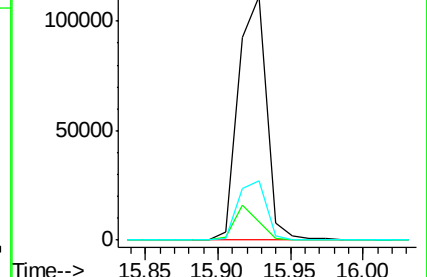
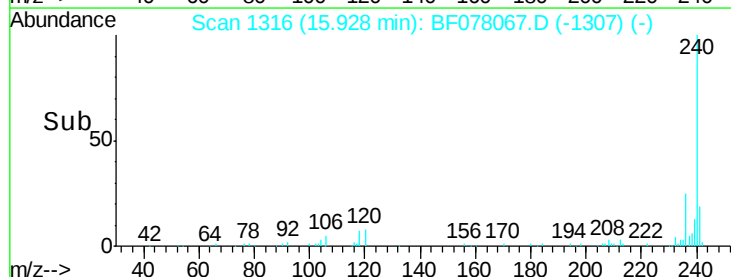
236 24.6 20.0 30.0

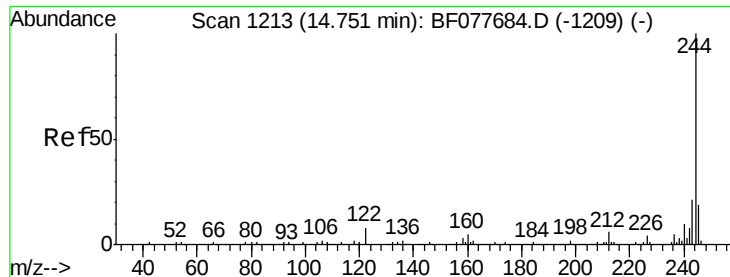


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

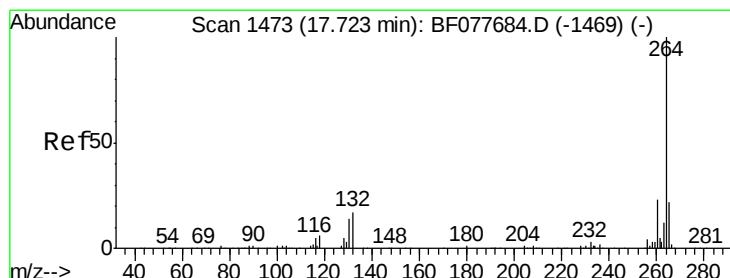
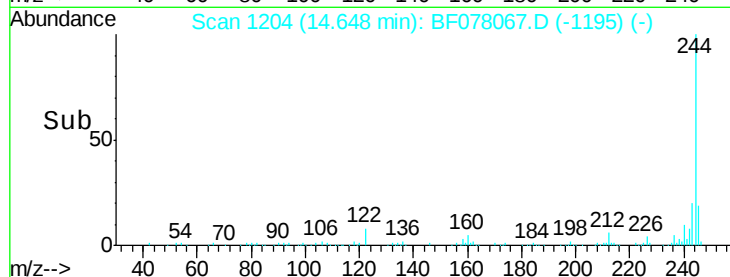
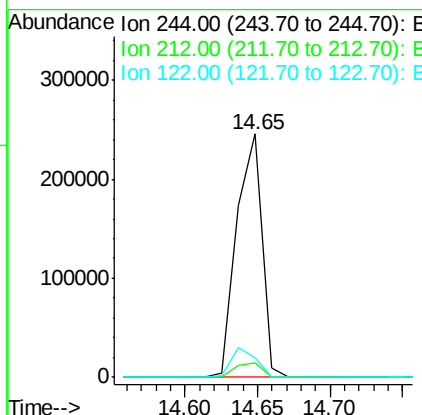
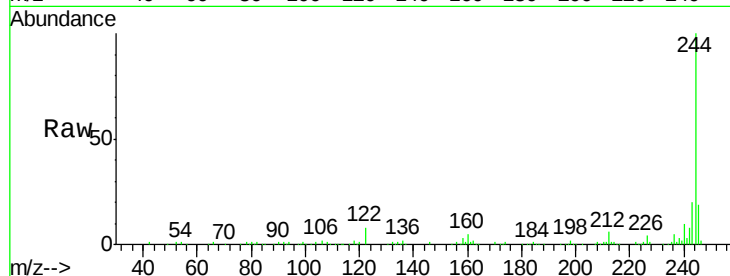




#78
 Terphenyl-d14
 Concen: 48.70 ng
 RT: 14.65 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF078067.D
 Acq: 28 Mar 2015 7:54

Instrument :
 BNA_F
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 REC-7-1-2(7.5-8.0)

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.0	4.9	7.3
122	7.8	6.2	9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.63 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: BF078067.D
 Acq: 28 Mar 2015 7:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.6	27.8
265	20.9	17.3	25.9

