

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
 Data File : BF083736.D
 Acq On : 13 Dec 2015 18:29
 Operator : UM/IZ
 Sample : G4648-14
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-07(20-22)

Quant Time: Dec 14 03:33:10 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

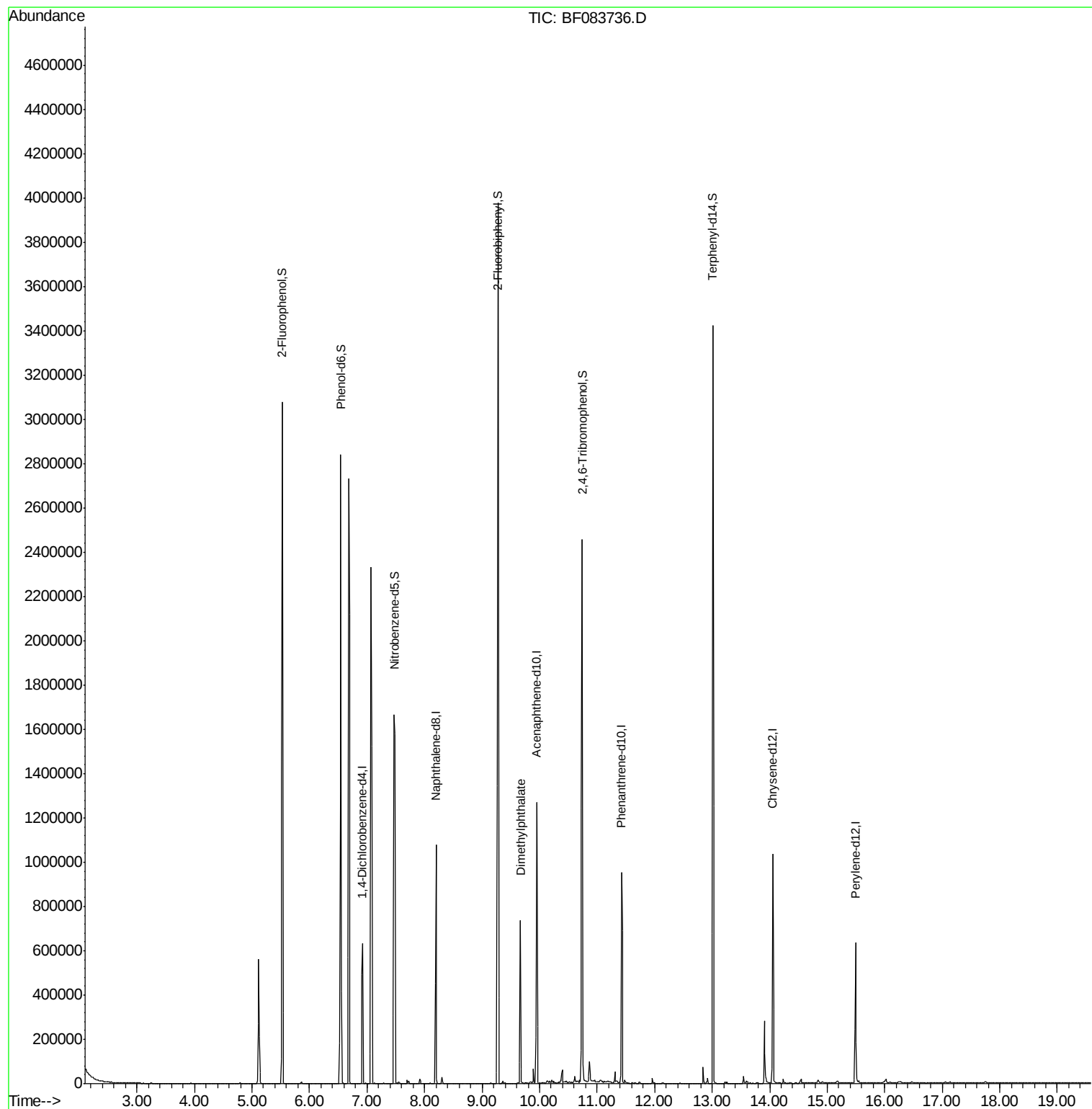
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	133478	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	541151	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	249322	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	453032	20.00	ng	-0.02
75) Chrysene-d12	14.05	240	356027	20.00	ng	-0.02
86) Perylene-d12	15.49	264	278628	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	992676	119.98	ng	0.00
7) Phenol-d6	6.54	99	1205208	115.02	ng	0.00
23) Nitrobenzene-d5	7.47	82	849932	87.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	336682	132.52	ng	-0.01
44) 2-Fluorobiphenyl	9.28	172	1309403	74.02	ng	-0.01
78) Terphenyl-d14	13.01	244	1220719	73.75	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.66	163	282031	14.51	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF083736.D

Acq: 13 Dec 2015 18:29

Instrument :

BNA_F

ClientSampleId :

SB-07(20-22)

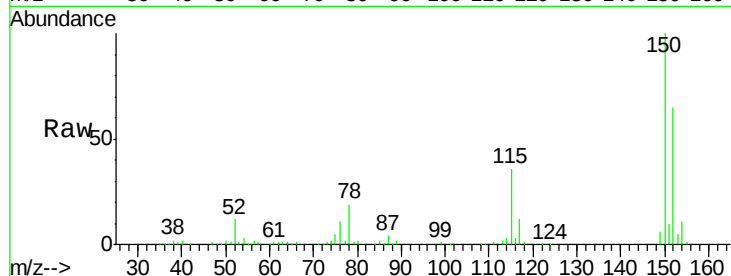
Tot Ion:152 Resp: 133478

Ion Ratio Lower Upper

152 100

150 152.9 126.5 189.7

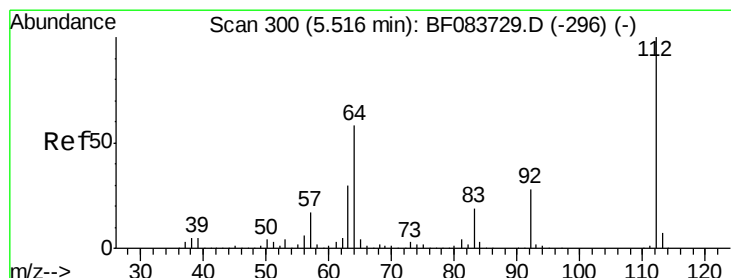
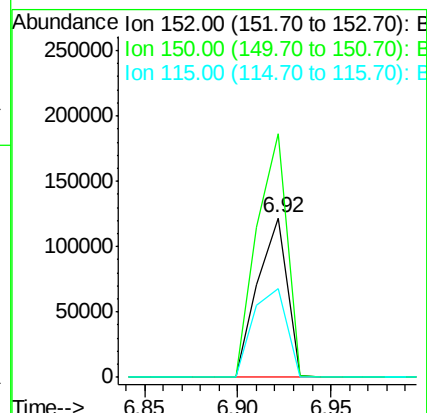
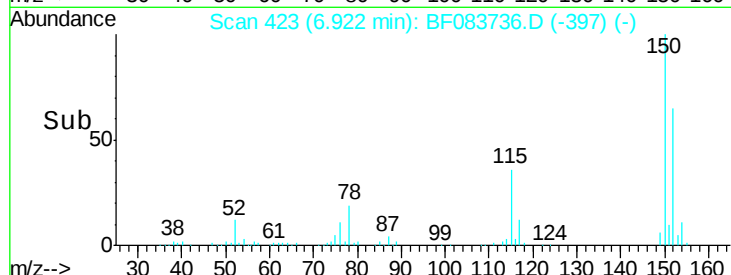
115 55.5 52.3 78.5



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: 119.98 ng

RT: 5.53 min Scan# 301

Delta R.T. 0.00 min

Lab File: BF083736.D

Acq: 13 Dec 2015 18:29

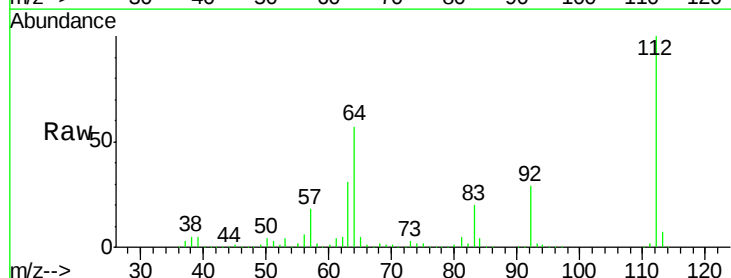
Tgt Ion:112 Resp: 992676

Ion Ratio Lower Upper

112 100

64 57.5 50.5 75.7

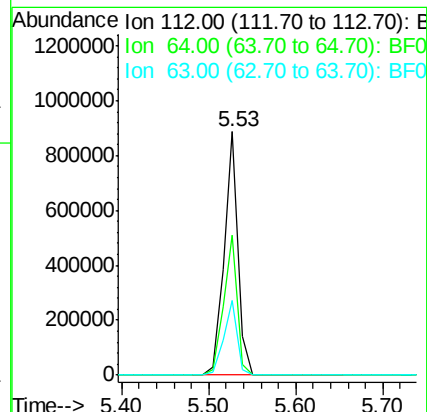
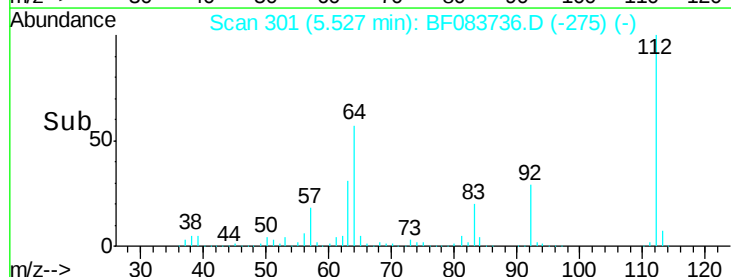
63 30.5 25.8 38.6

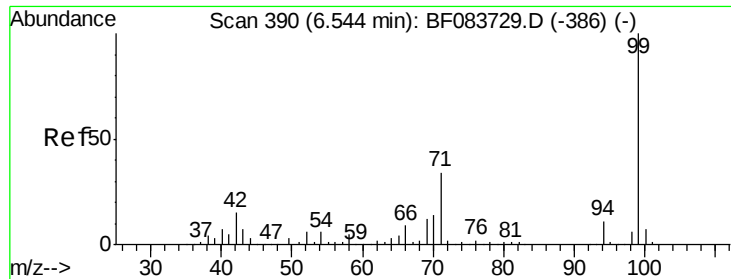


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 115.02 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF083736.D

Acq: 13 Dec 2015 18:29

Instrument :

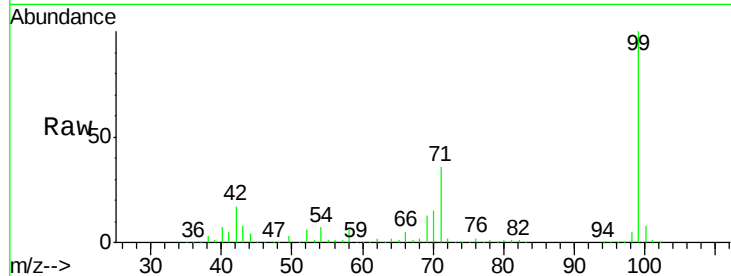
BNA_F

ClientSampleId :

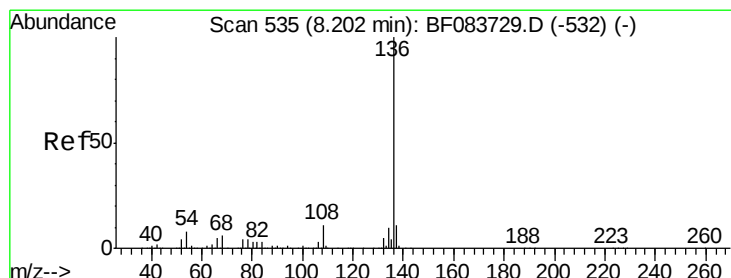
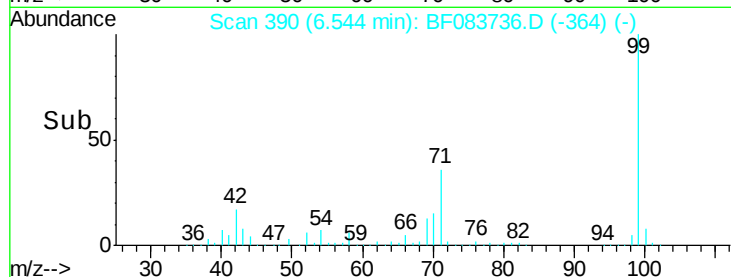
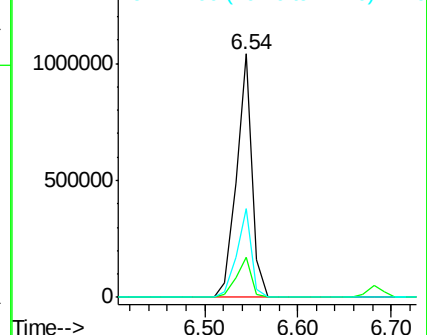
SB-07(20-22)

Tot Ion: 99 Resp: 1205208

Ion	Ratio	Lower	Upper
99	100		
42	16.5	17.3	25.9#
71	36.4	26.6	40.0



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.20 min Scan# 535

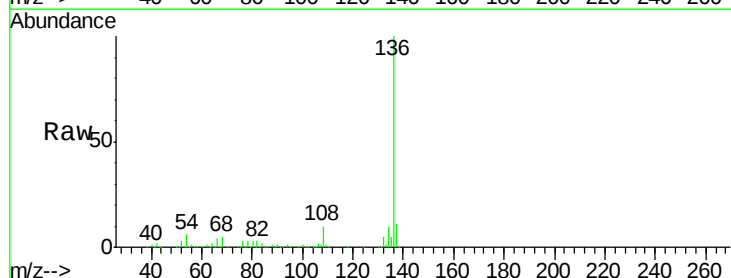
Delta R.T. -0.01 min

Lab File: BF083736.D

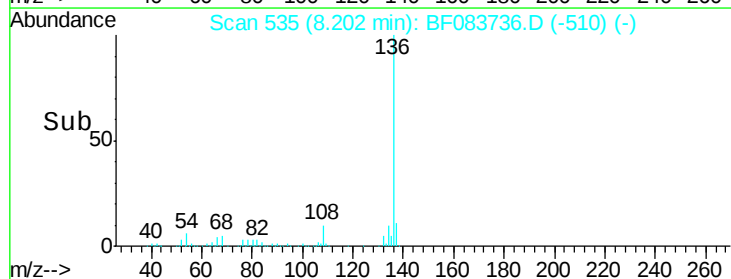
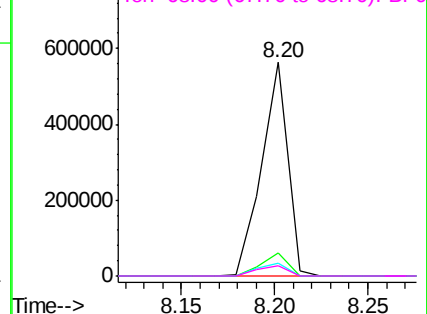
Acq: 13 Dec 2015 18:29

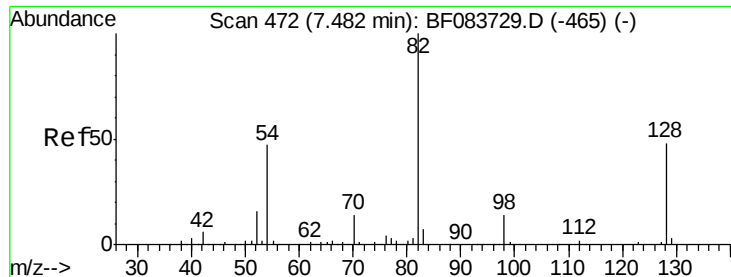
Tgt Ion: 136 Resp: 541151

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	6.0	7.8	11.6#
68	5.0	5.7	8.5#



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

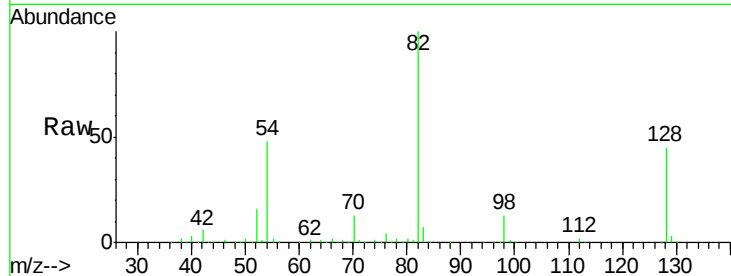




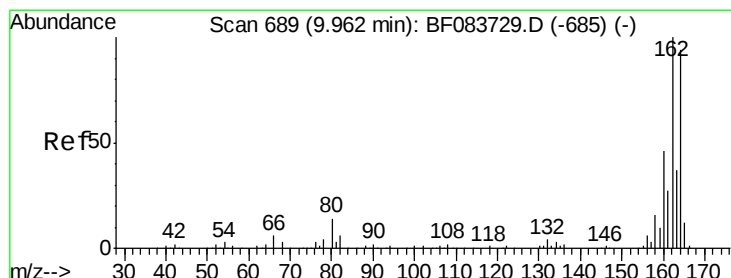
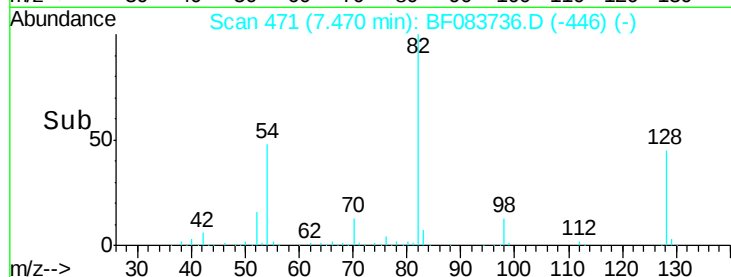
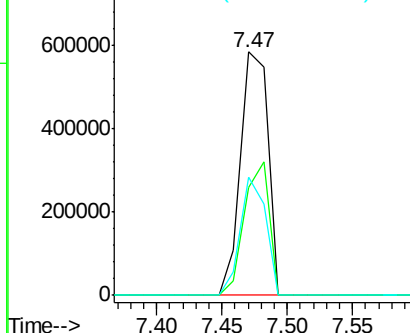
#23
 Nitrobenzene-d5
 Concen: 87.87 ng
 RT: 7.47 min Scan# 471
 Delta R.T. -0.01 min
 Lab File: BF083736.D
 Acq: 13 Dec 2015 18:29

Instrument :
 BNA_F
 ClientSampleId :
 SB-07(20-22)

Tot Ion	82	Resp	849932
Ion Ratio	100	Lower	Upper
128	44.6	30.7	46.1
54	48.3	42.5	63.7

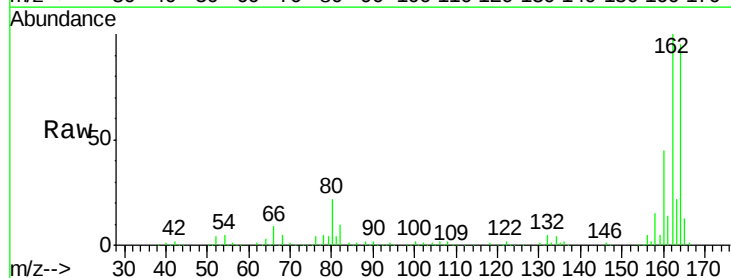


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

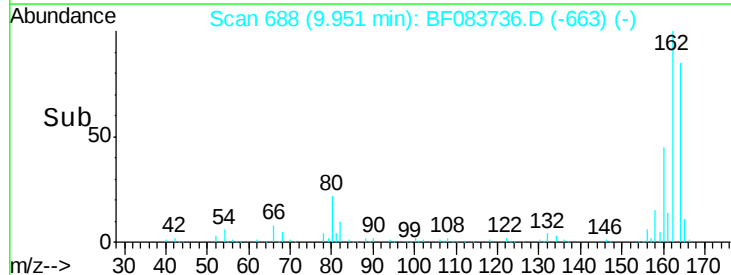
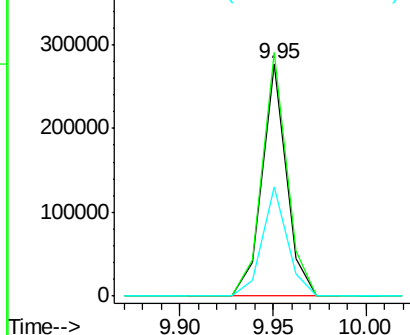


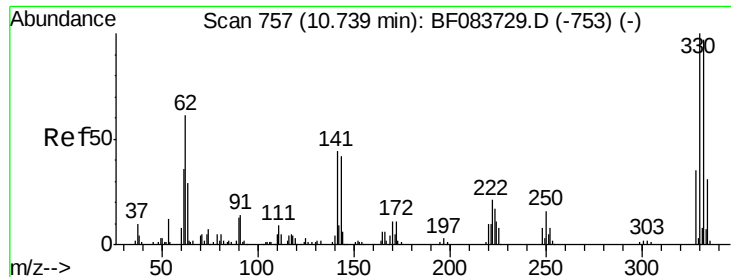
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: BF083736.D
 Acq: 13 Dec 2015 18:29

Tgt Ion	164	Resp	249322
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	104.8	78.8	118.2
160	47.2	33.4	50.2



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

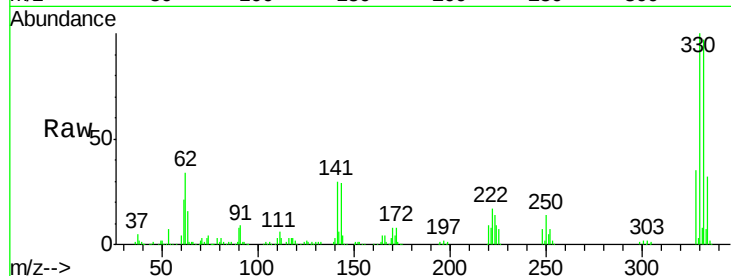




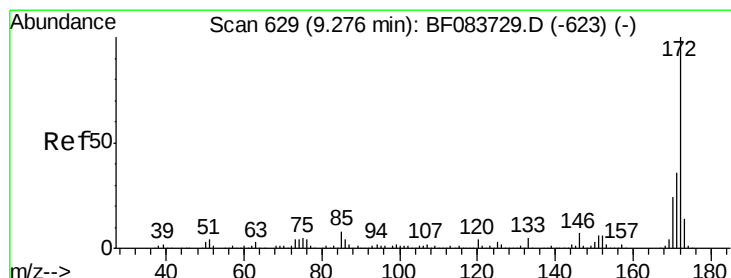
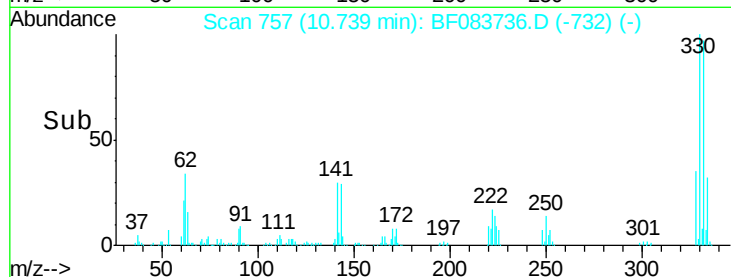
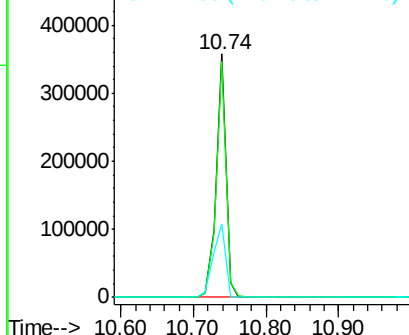
#41
 2,4,6-Tribromophenol
 Concen: 132.52 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BF083736.D
 Acq: 13 Dec 2015 18:29

Instrument :
 BNA_F
 ClientSampleId :
 SB-07(20-22)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	0.0	0.0#
141	37.8	0.0	0.0#

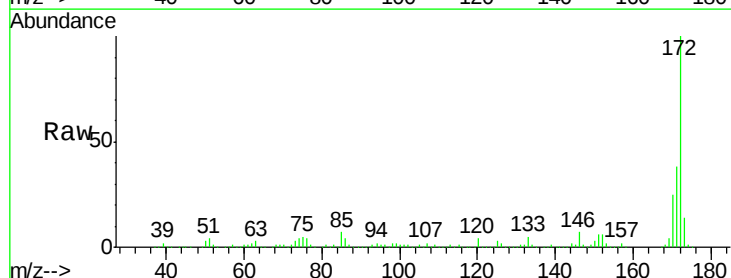


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

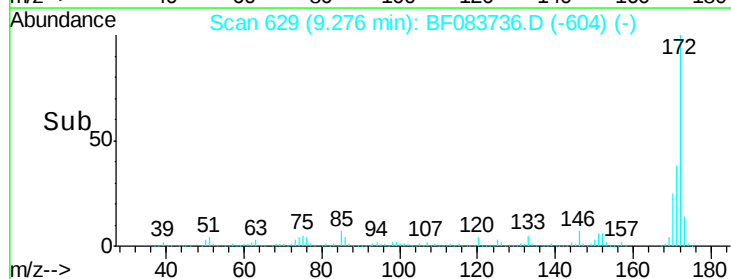
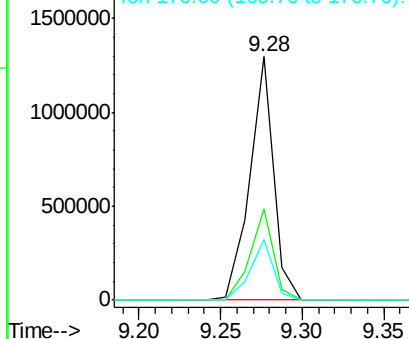


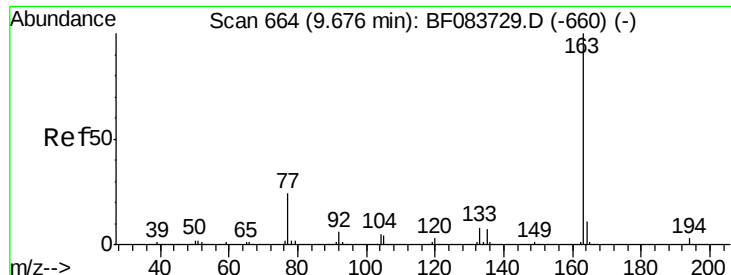
#44
 2-Fluorobiphenyl
 Concen: 74.02 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF083736.D
 Acq: 13 Dec 2015 18:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	28.6	42.8
170	24.9	19.4	29.0



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





#49

Dimethylphthalate

Concen: 14.51 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.02 min

Lab File: BF083736.D

Acq: 13 Dec 2015 18:29

Instrument :

BNA_F

ClientSampleId :

SB-07(20-22)

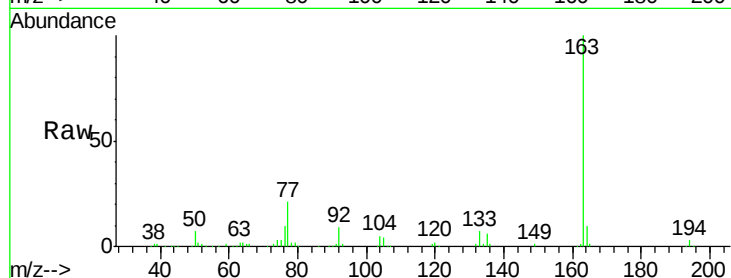
Tot Ion:163 Resp: 282031

Ion Ratio Lower Upper

163 100

194 3.1 2.8 4.2

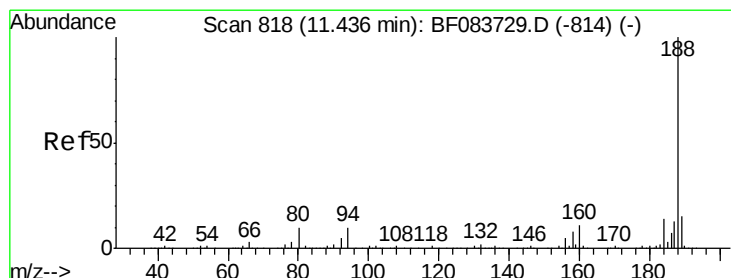
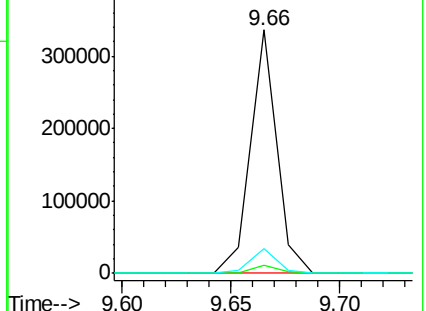
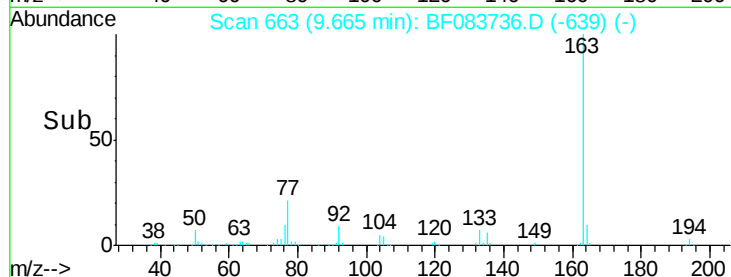
164 10.0 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 817

Delta R.T. -0.02 min

Lab File: BF083736.D

Acq: 13 Dec 2015 18:29

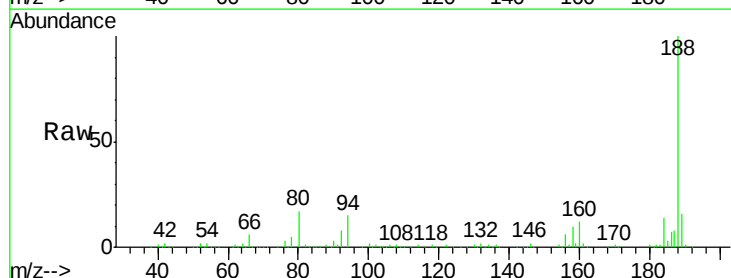
Tgt Ion:188 Resp: 453032

Ion Ratio Lower Upper

188 100

94 14.5 9.4 14.2#

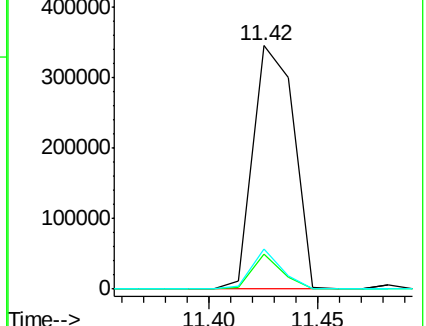
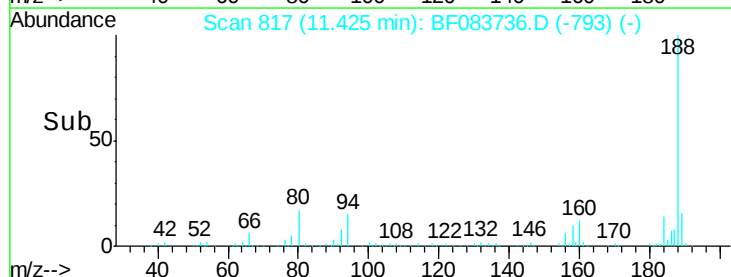
80 16.5 10.6 16.0#

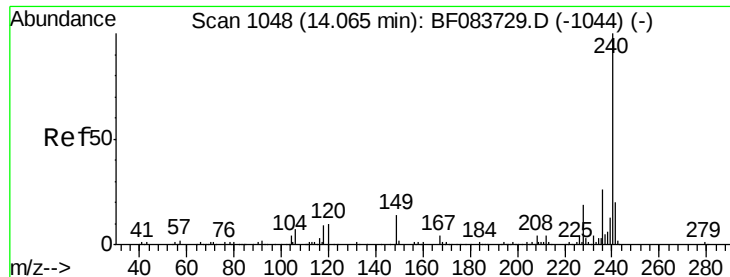


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.05 min Scan# 1047

Delta R.T. -0.02 min

Lab File: BF083736.D

Acq: 13 Dec 2015 18:29

Instrument :

BNA_F

ClientSampleId :

SB-07(20-22)

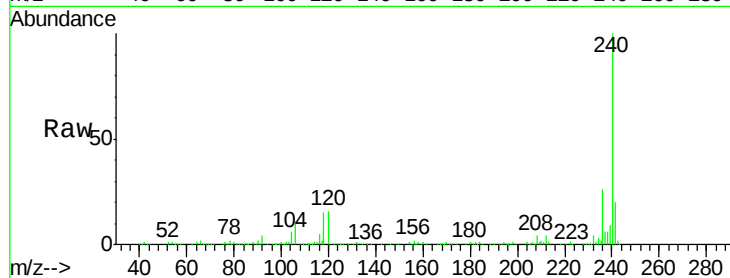
Tot Ion:240 Resp: 356027

Ion Ratio Lower Upper

240 100

120 16.2 8.1 12.1#

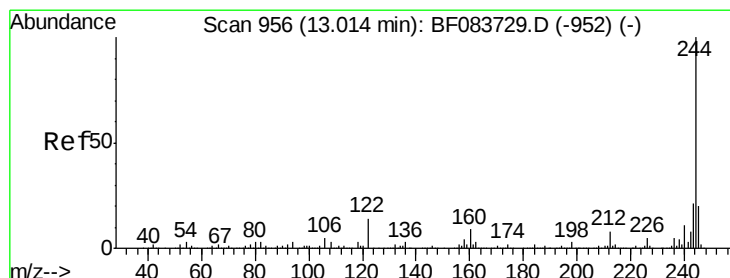
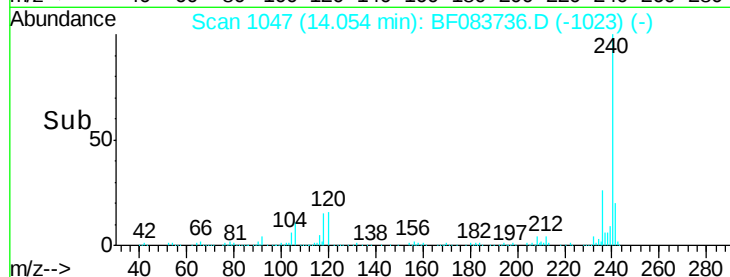
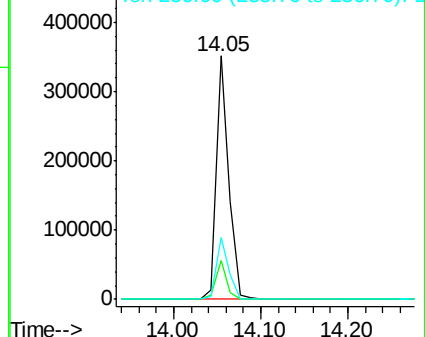
236 25.6 20.8 31.2



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: 73.75 ng

RT: 13.01 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF083736.D

Acq: 13 Dec 2015 18:29

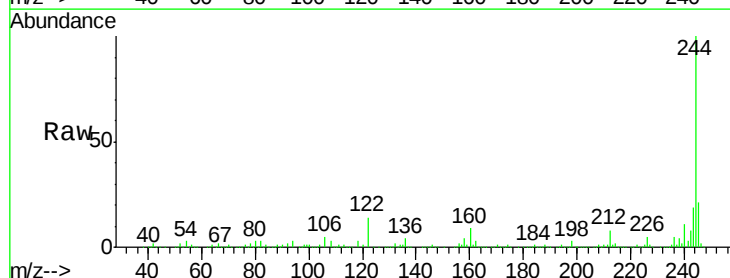
Tgt Ion:244 Resp: 1220719

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

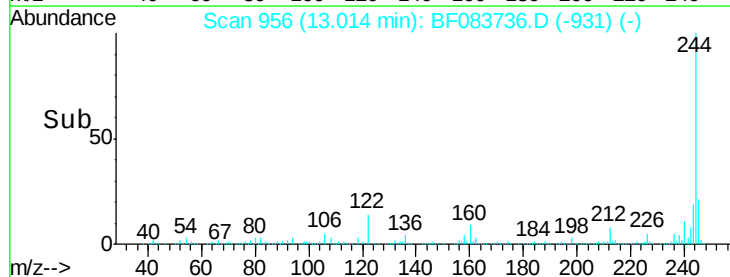
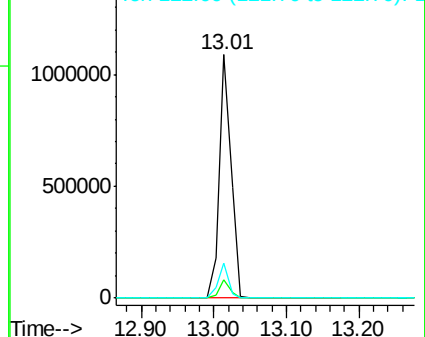
122 14.3 11.0 16.6

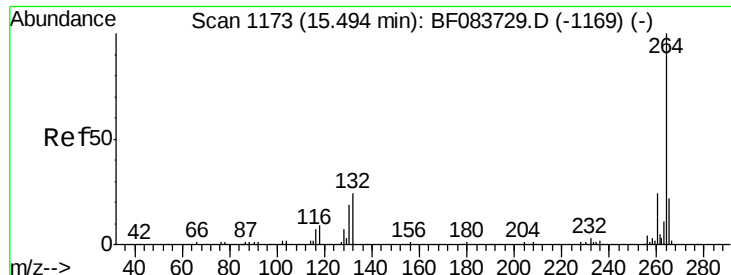


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

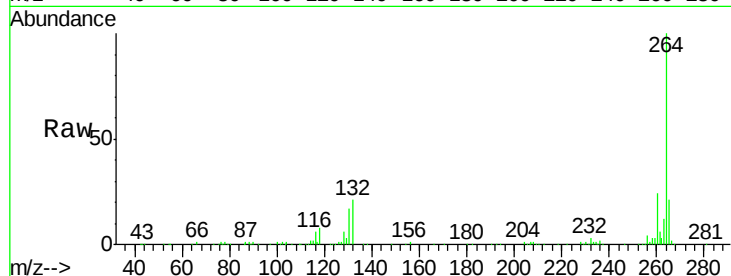




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF083736.D
 Acq: 13 Dec 2015 18:29

Instrument :
 BNA_F
 ClientSampleId :
 SB-07(20-22)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.0
265	21.5	17.8	26.6



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

