

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
 Data File : BF083738.D
 Acq On : 13 Dec 2015 19:24
 Operator : UM/IZ
 Sample : G4648-18
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(27-29.5)

Quant Time: Dec 14 03:37:13 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

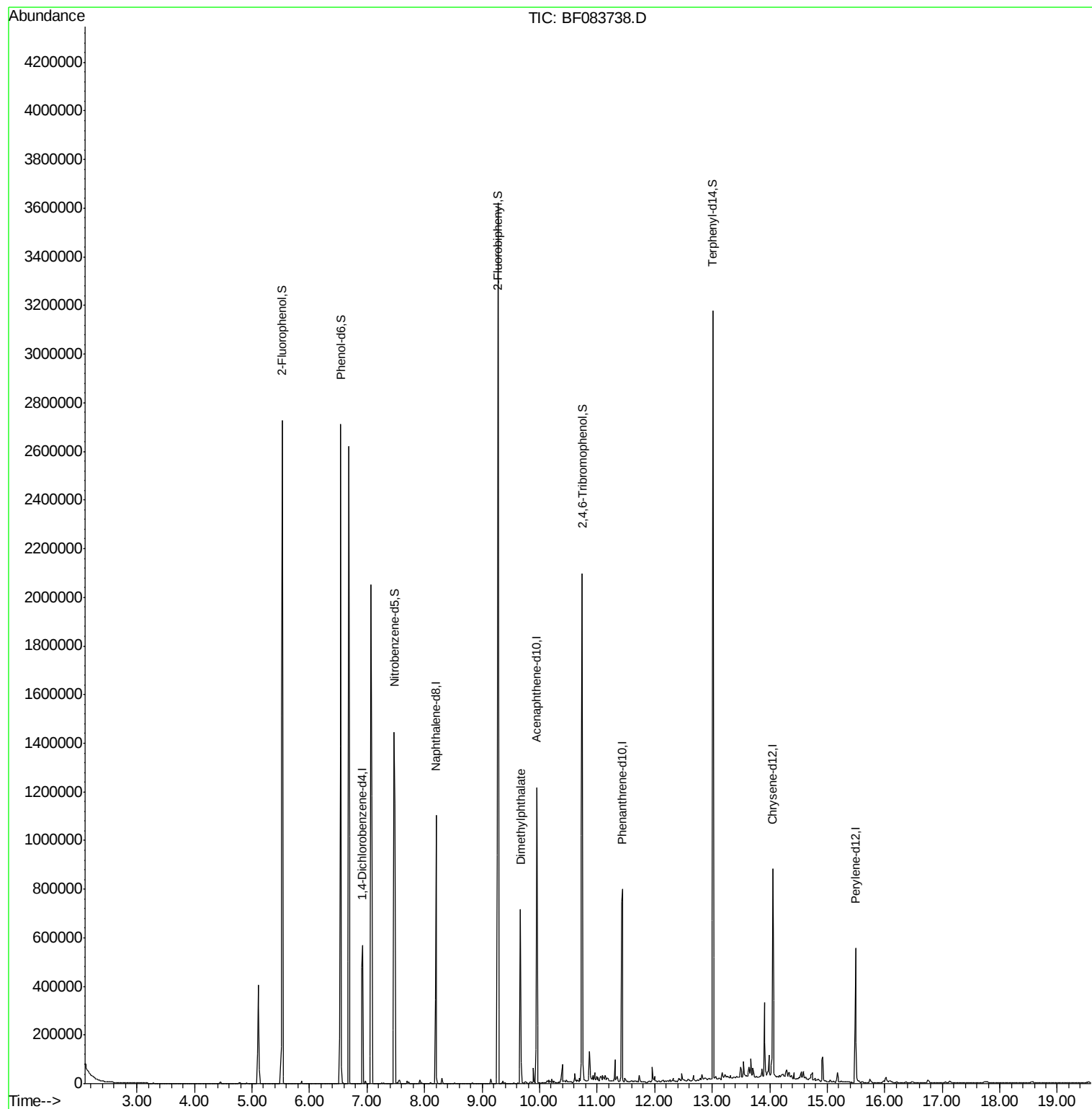
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	123763	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	509552	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	231285	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	420839	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	298399	20.00	ng	-0.02
86) Perylene-d12	15.49	264	247576	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	894528	116.60	ng	0.00
7) Phenol-d6	6.54	99	1098236	113.04	ng	0.00
23) Nitrobenzene-d5	7.47	82	671559	73.73	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	282341	119.80	ng	-0.01
44) 2-Fluorobiphenyl	9.28	172	1106673	65.55	ng	-0.01
78) Terphenyl-d14	13.01	244	958844	69.12	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.66	163	267391	14.83	ng	98

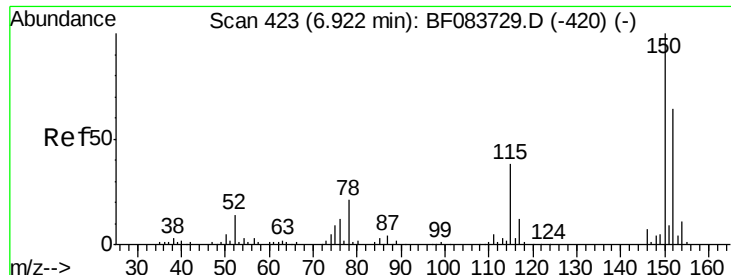
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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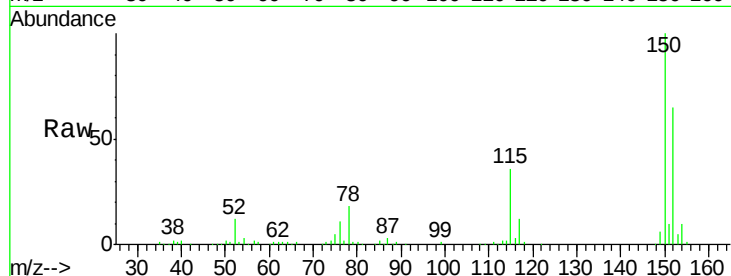


#1

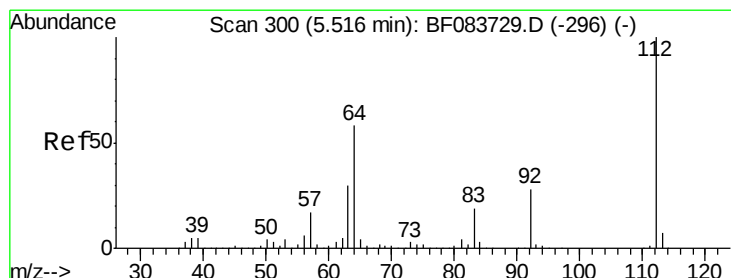
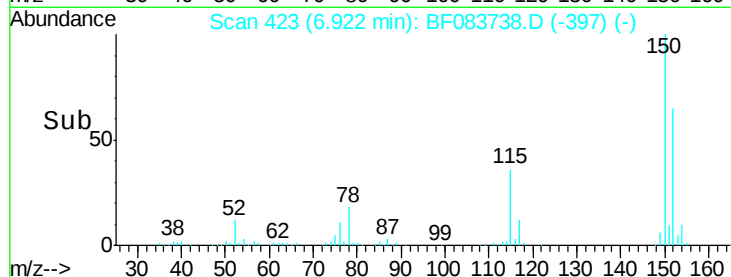
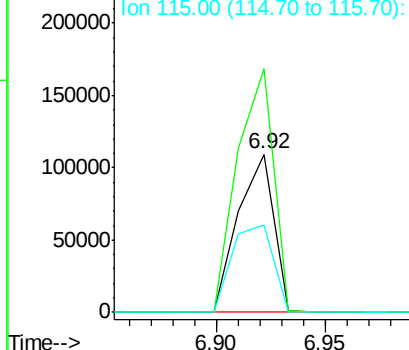
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF083738.D
Acq: 13 Dec 2015 19:24

Instrument :
BNA_F
ClientSampleId :
SB-10(27-29.5)

Tot Ion:152 Resp: 123763
Ion Ratio Lower Upper
152 100
150 154.0 126.5 189.7
115 55.1 52.3 78.5



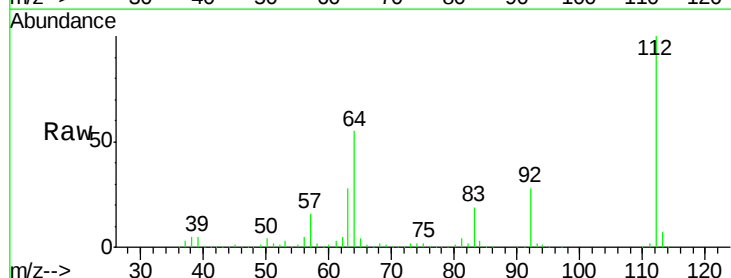
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



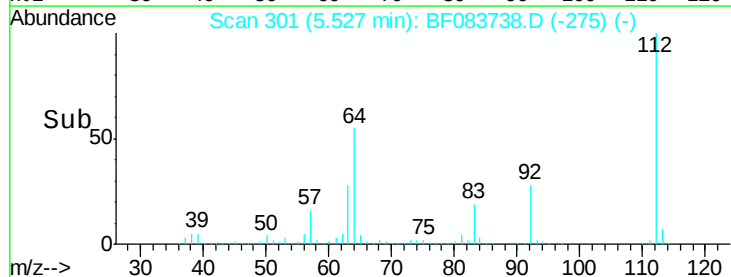
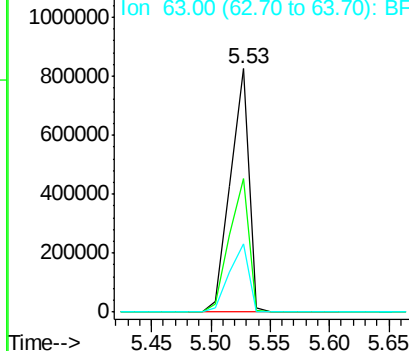
#5

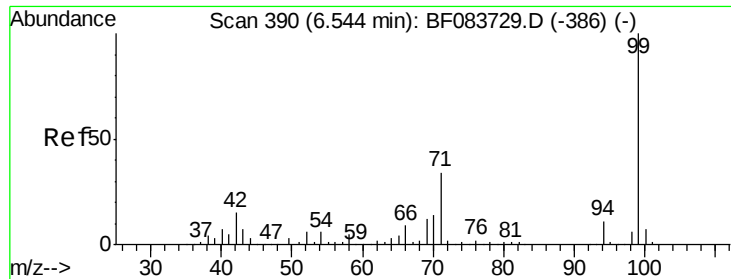
2-Fluorophenol
Concen: 116.60 ng
RT: 5.53 min Scan# 301
Delta R.T. 0.00 min
Lab File: BF083738.D
Acq: 13 Dec 2015 19:24

Tgt Ion:112 Resp: 894528
Ion Ratio Lower Upper
112 100
64 54.8 50.5 75.7
63 28.2 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: 113.04 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF083738.D

Acq: 13 Dec 2015 19:24

Instrument :

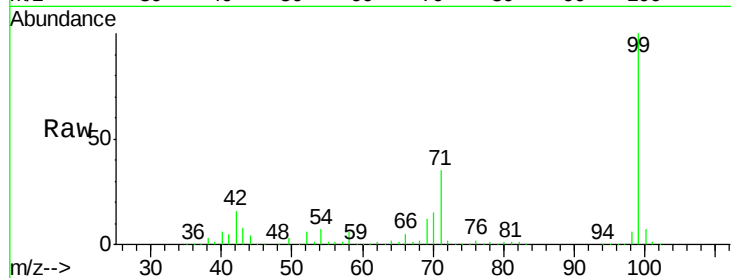
BNA_F

ClientSampleId :

SB-10(27-29.5)

Tot Ion: 99 Resp: 1098236

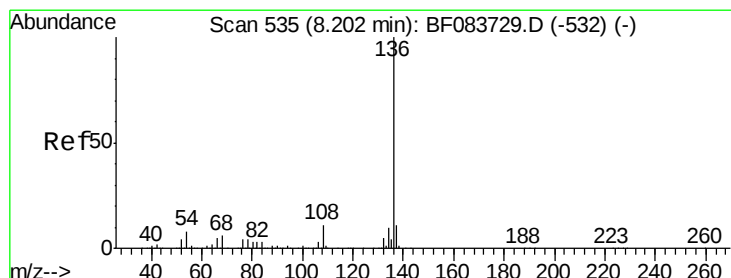
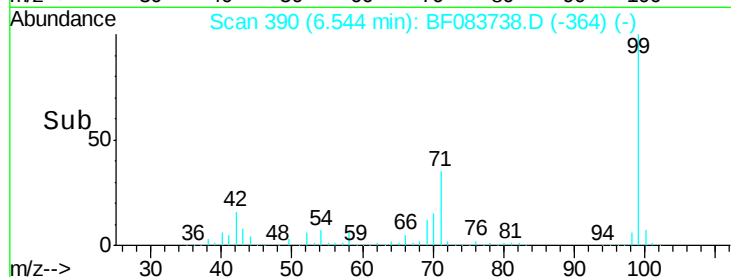
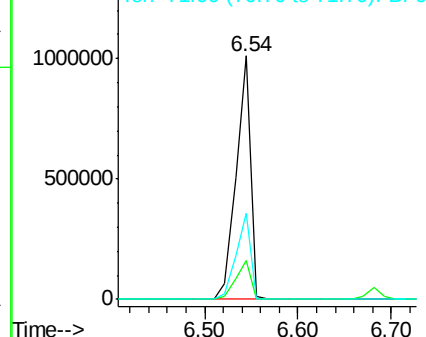
Ion	Ratio	Lower	Upper
99	100		
42	15.9	17.3	25.9#
71	35.4	26.6	40.0



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

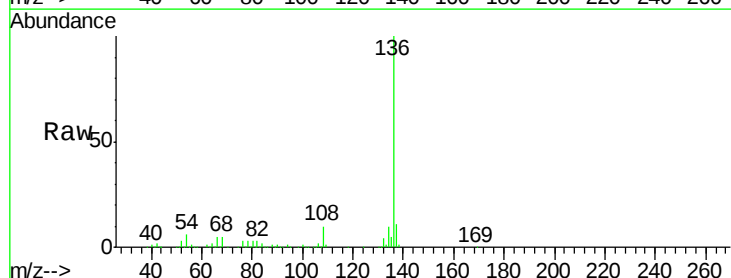
Delta R.T. -0.01 min

Lab File: BF083738.D

Acq: 13 Dec 2015 19:24

Tgt Ion: 136 Resp: 509552

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.2	7.8	11.6#
68	5.4	5.7	8.5#

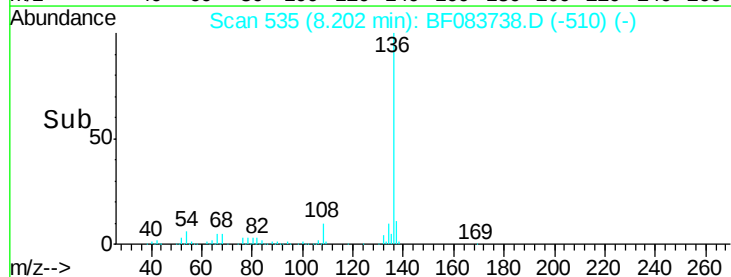
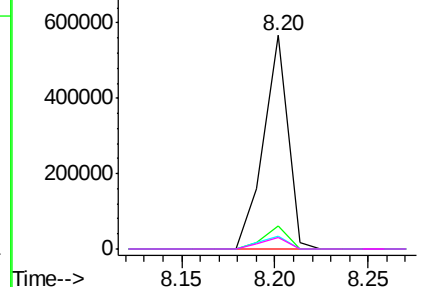


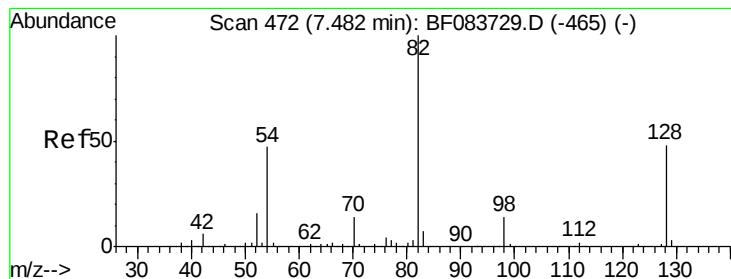
Abundance Ion 136.00 (135.70 to 136.70): E

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: 73.73 ng

RT: 7.47 min Scan# 471

Delta R.T. -0.01 min

Lab File: BF083738.D

Acq: 13 Dec 2015 19:24

Instrument :

BNA_F

ClientSampleId :

SB-10(27-29.5)

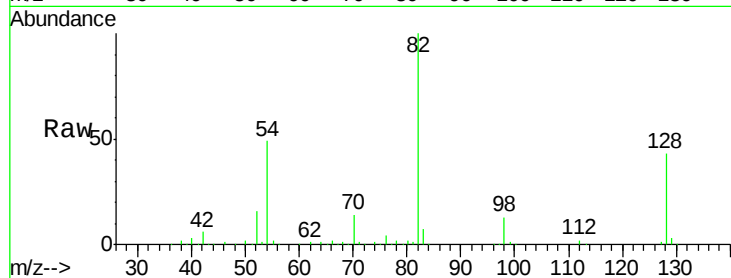
Tot Ion: 82 Resp: 671559

Ion Ratio Lower Upper

82 100

128 43.4 30.7 46.1

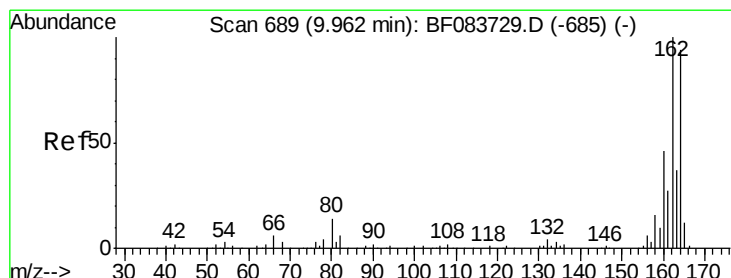
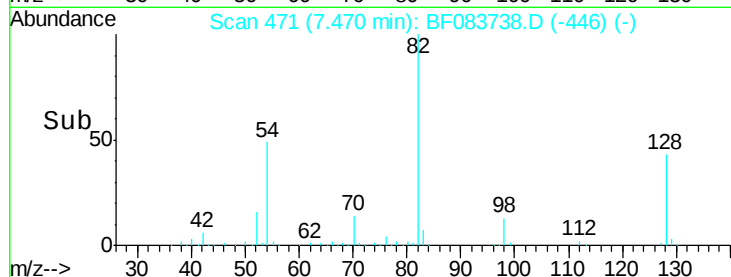
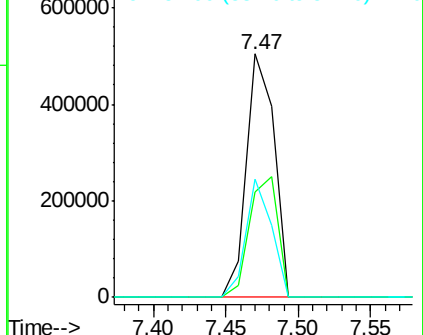
54 48.7 42.5 63.7



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: 9.95 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF083738.D

Acq: 13 Dec 2015 19:24

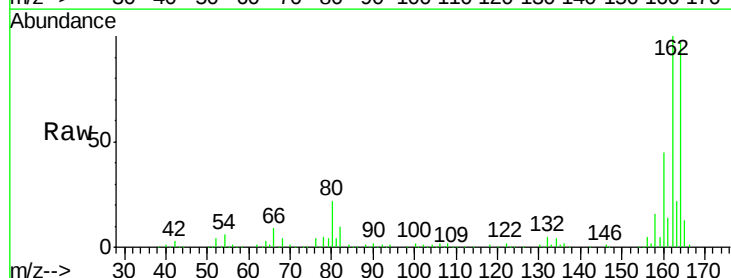
Tgt Ion:164 Resp: 231285

Ion Ratio Lower Upper

164 100

162 102.7 78.8 118.2

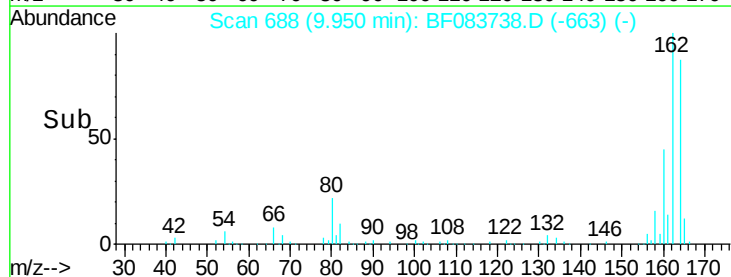
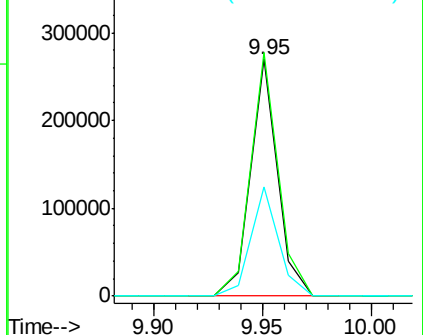
160 46.1 33.4 50.2

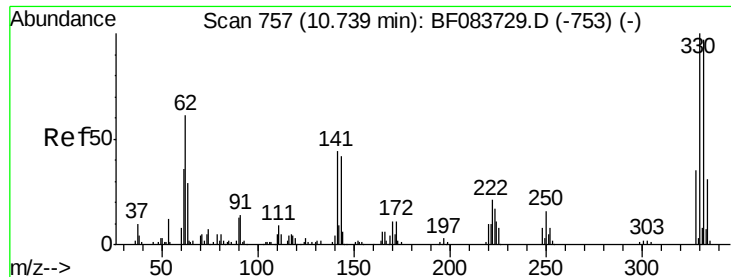


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

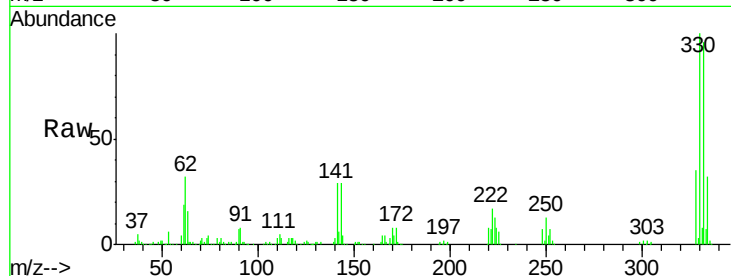




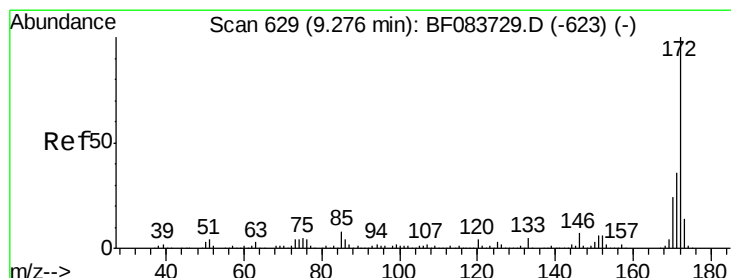
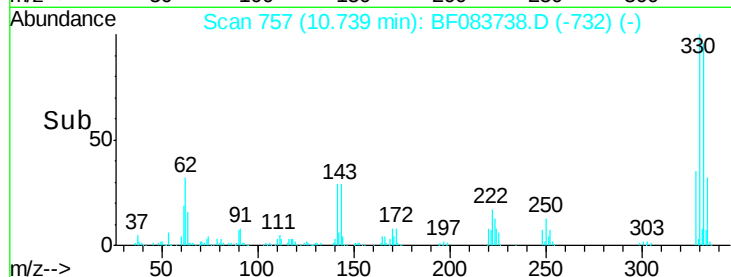
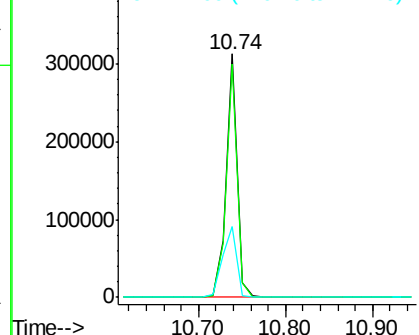
#41
 2,4,6-Tribromophenol
 Concen: 119.80 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BF083738.D
 Acq: 13 Dec 2015 19:24

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(27-29.5)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	36.9	0.0	0.0#

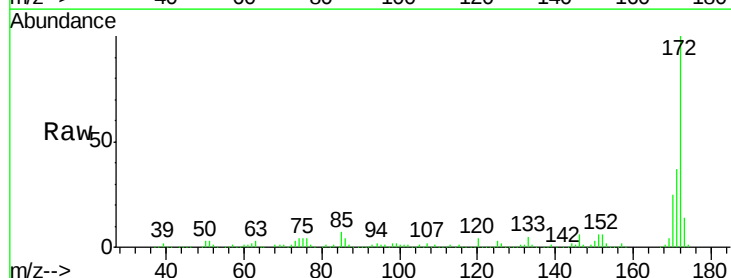


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

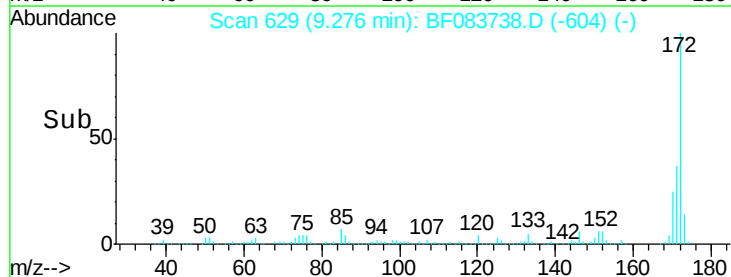
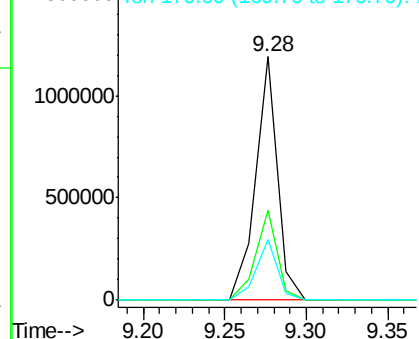


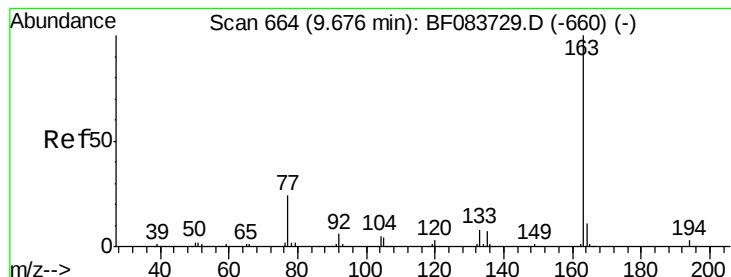
#44
 2-Fluorobiphenyl
 Concen: 65.55 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF083738.D
 Acq: 13 Dec 2015 19:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.6	42.8
170	24.8	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: 14.83 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.02 min

Lab File: BF083738.D

Acq: 13 Dec 2015 19:24

Instrument :

BNA_F

ClientSampleId :

SB-10(27-29.5)

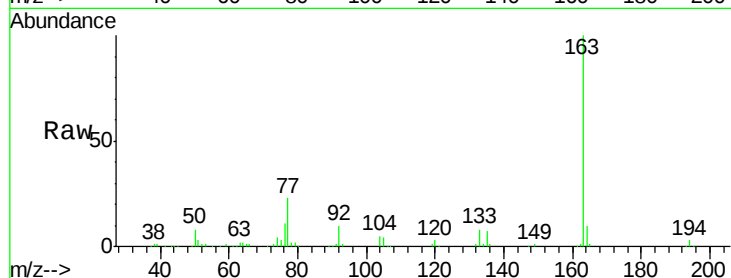
Tot Ion:163 Resp: 267391

Ion Ratio Lower Upper

163 100

194 3.0 2.8 4.2

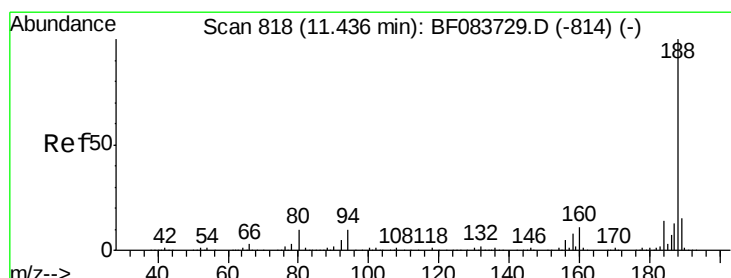
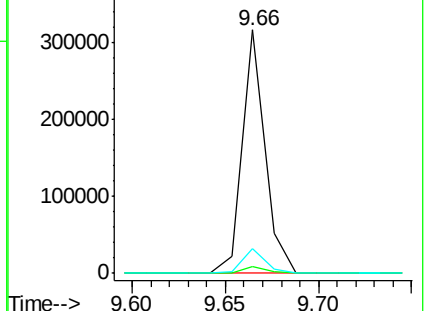
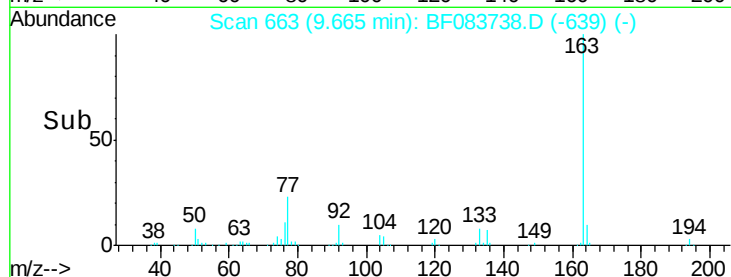
164 10.2 8.6 13.0



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: 11.44 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF083738.D

Acq: 13 Dec 2015 19:24

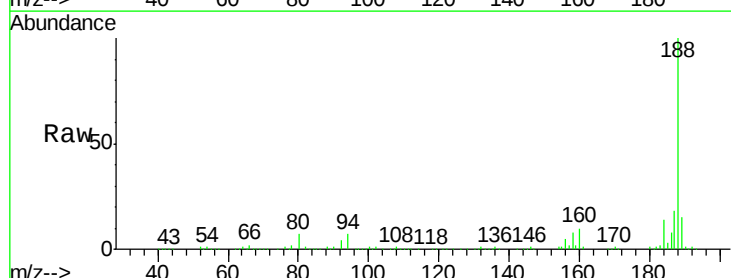
Tgt Ion:188 Resp: 420839

Ion Ratio Lower Upper

188 100

94 7.0 9.4 14.2#

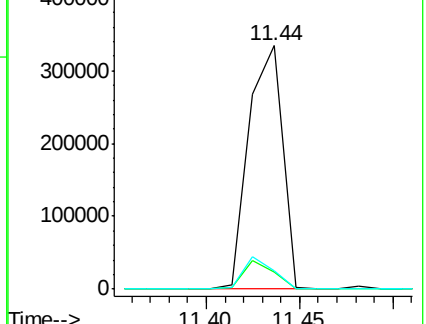
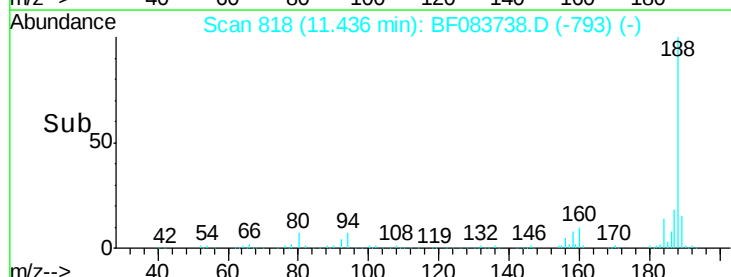
80 7.3 10.6 16.0#

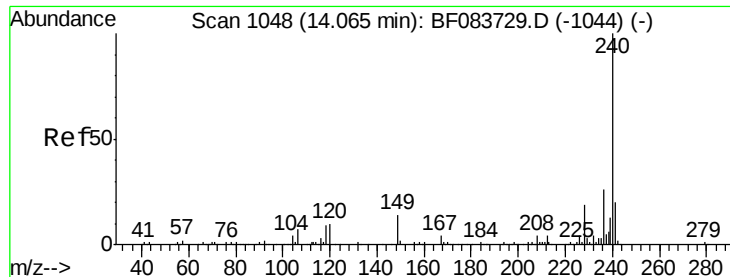


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF083738.D

Acq: 13 Dec 2015 19:24

Instrument :

BNA_F

ClientSampleId :

SB-10(27-29.5)

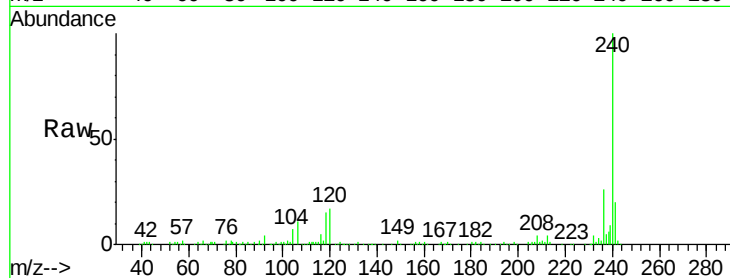
Tot Ion:240 Resp: 298399

Ion Ratio Lower Upper

240 100

120 16.7 8.1 12.1#

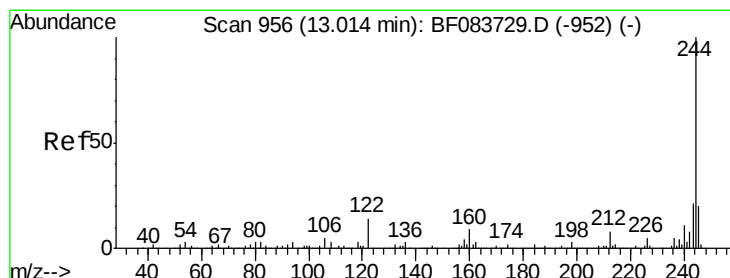
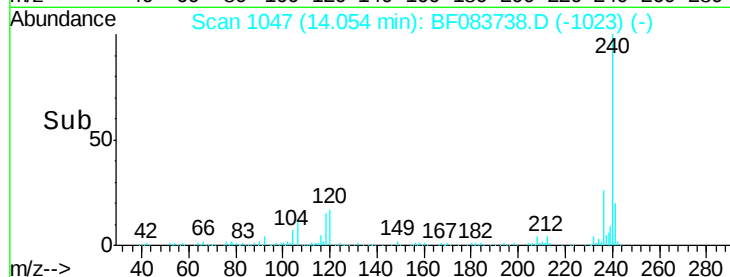
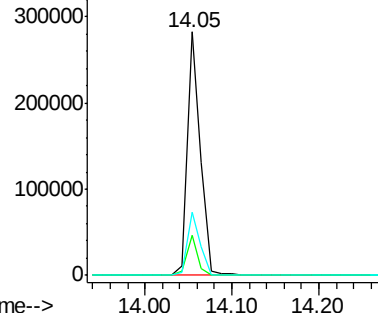
236 26.1 20.8 31.2



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: 69.12 ng

RT: 13.01 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF083738.D

Acq: 13 Dec 2015 19:24

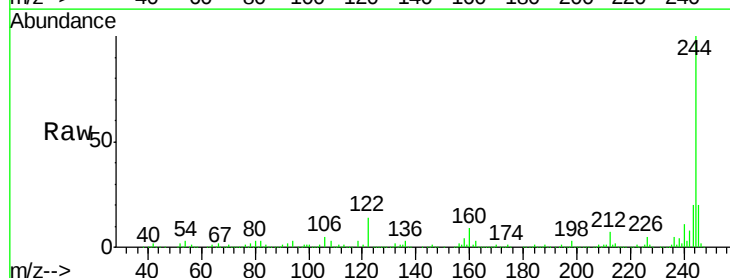
Tgt Ion:244 Resp: 958844

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

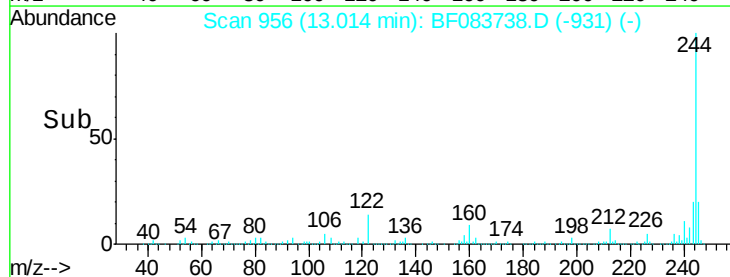
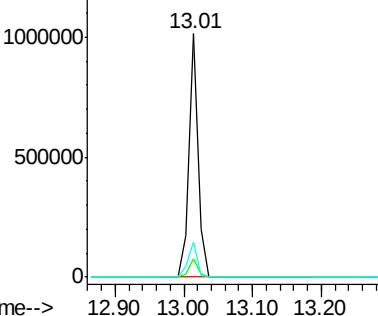
122 14.1 11.0 16.6

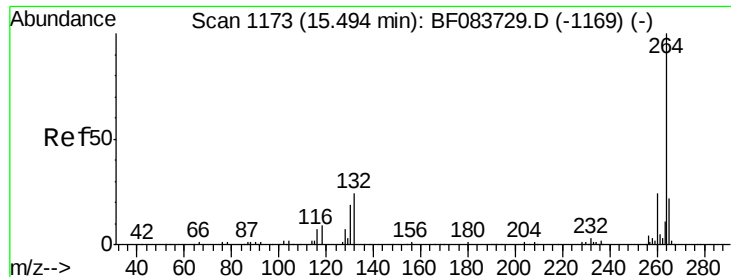


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF083738.D
Acq: 13 Dec 2015 19:24

Instrument :
BNA_F
ClientSampleId :
SB-10(27-29.5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.0
265	20.9	17.8	26.6

