

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
 Data File : BF083748.D
 Acq On : 14 Dec 2015 00:04
 Operator : UM/IZ
 Sample : G4743-06
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM2-WEST-13

Quant Time: Dec 14 03:21:35 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

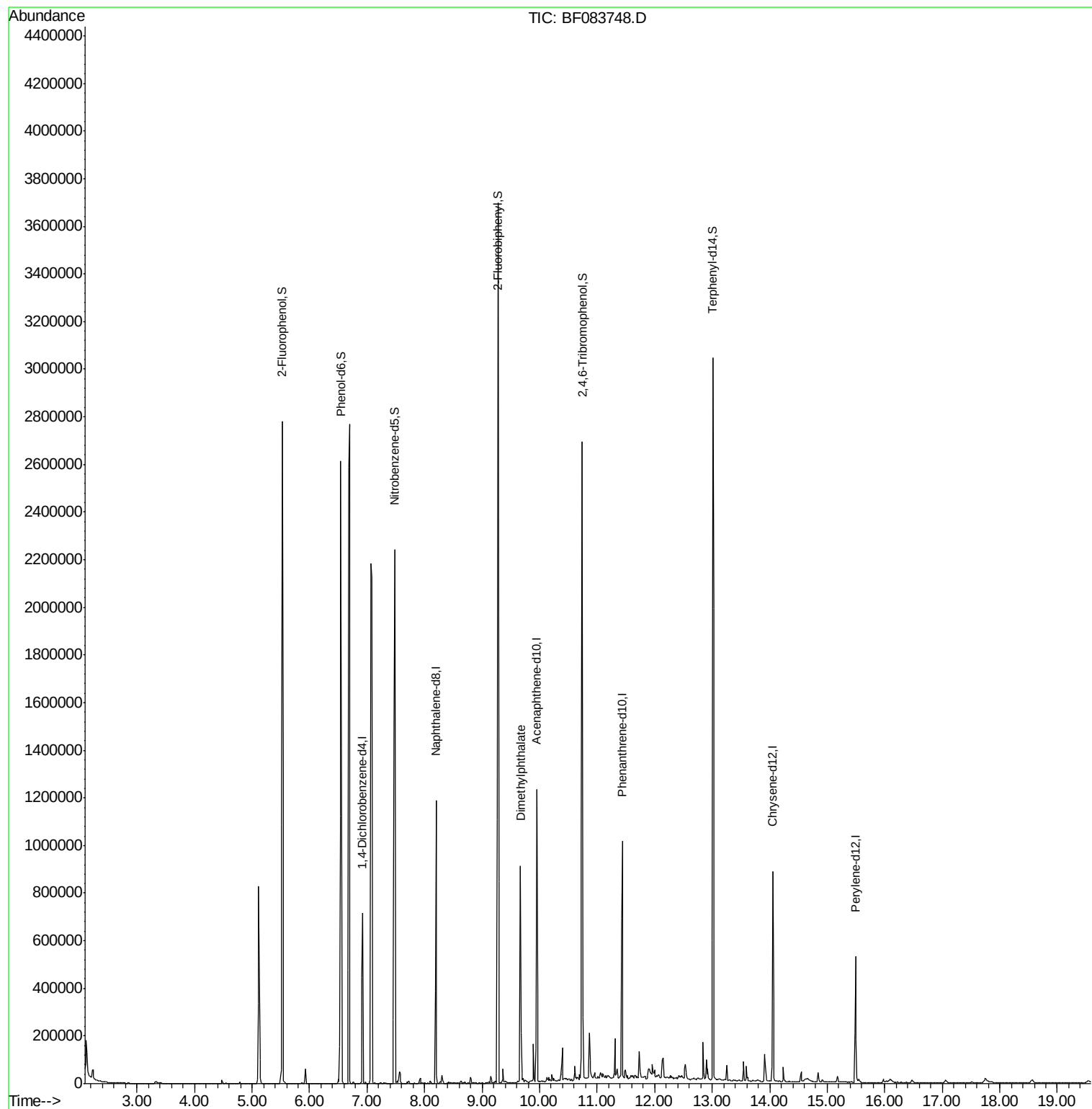
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	135728	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	550626	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	250055	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	459562	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	314972	20.00	ng	-0.02
86) Perylene-d12	15.49	264	238763	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1108472	131.75	ng	0.00
7) Phenol-d6	6.54	99	1394854	130.92	ng	0.00
23) Nitrobenzene-d5	7.48	82	956028	97.14	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	345250	135.50	ng	-0.01
44) 2-Fluorobiphenyl	9.28	172	1294959	72.65	ng	-0.01
78) Terphenyl-d14	13.01	244	1307003	89.26	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.66	163	366584	18.80	ng	99

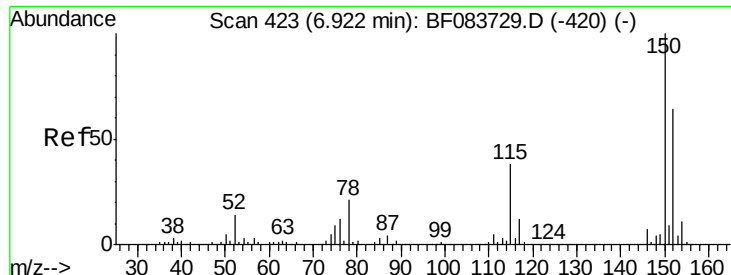
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Dec 14 01:30:12 2015
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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: BF083748.D

Acq: 14 Dec 2015 00:04

Instrument :

BNA_F

ClientSampleId :

BOTTOM2-WEST-13

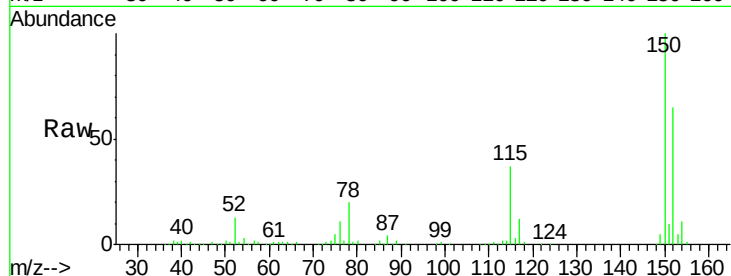
Tot Ion:152 Resp: 135728

Ion Ratio Lower Upper

152 100

150 154.3 126.5 189.7

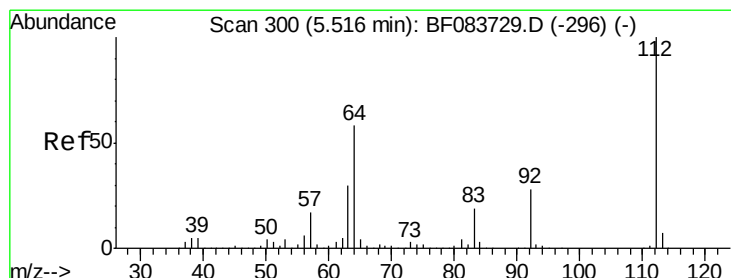
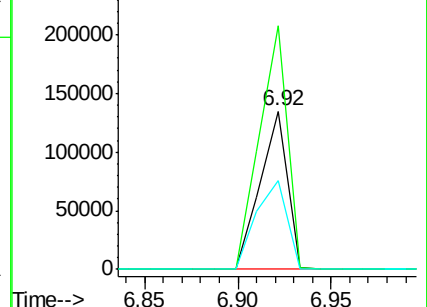
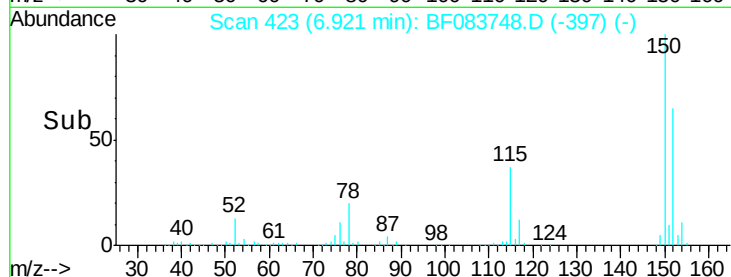
115 56.3 52.3 78.5



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: 131.75 ng

RT: 5.53 min Scan# 301

Delta R.T. 0.00 min

Lab File: BF083748.D

Acq: 14 Dec 2015 00:04

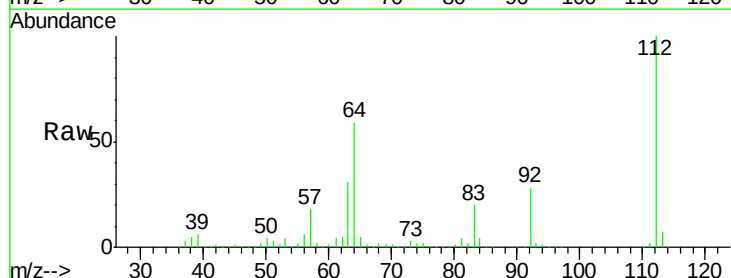
Tgt Ion:112 Resp: 1108472

Ion Ratio Lower Upper

112 100

64 59.2 50.5 75.7

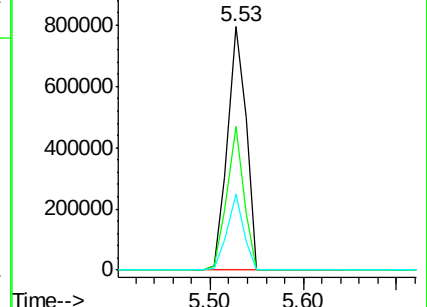
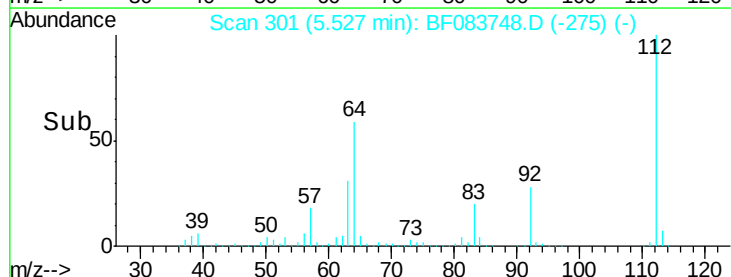
63 30.9 25.8 38.6

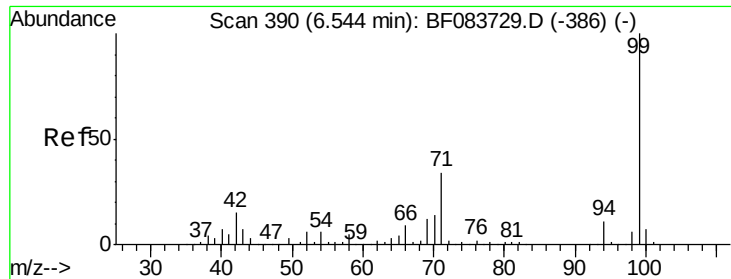


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 130.92 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF083748.D

Acq: 14 Dec 2015 00:04

Instrument :

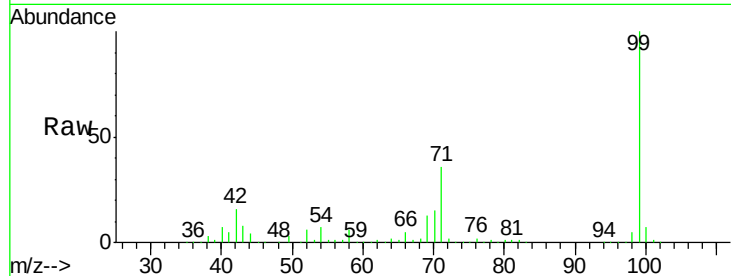
BNA_F

ClientSampleId :

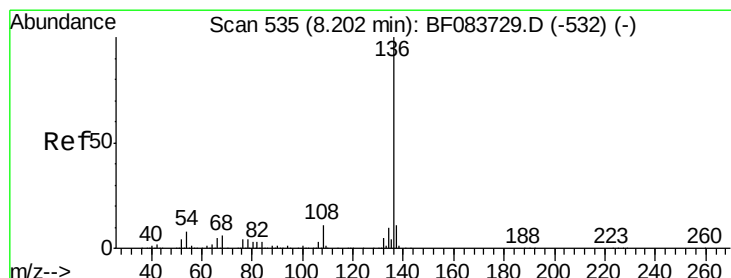
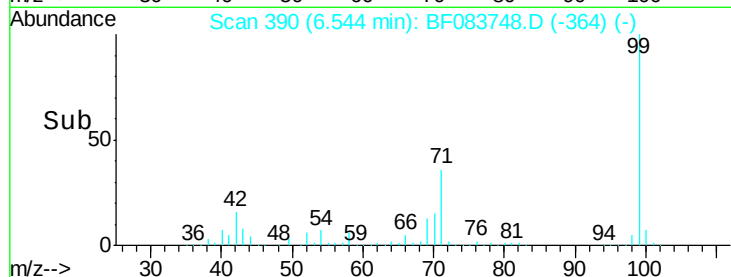
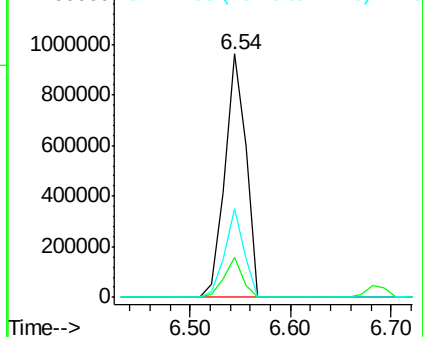
BOTTOM2-WEST-13

Tot Ion: 99 Resp: 1394854

Ion	Ratio	Lower	Upper
99	100		
42	16.4	17.3	25.9#
71	36.3	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

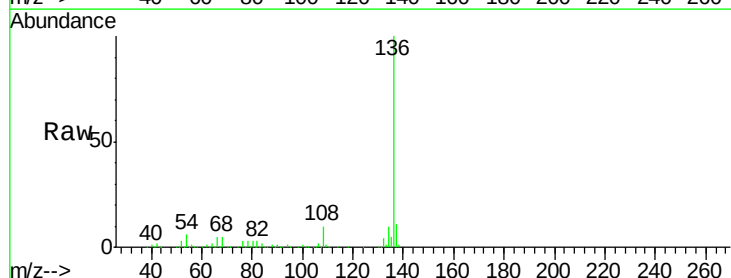
Delta R.T. -0.01 min

Lab File: BF083748.D

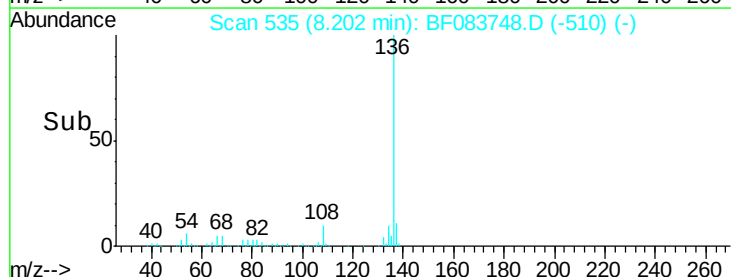
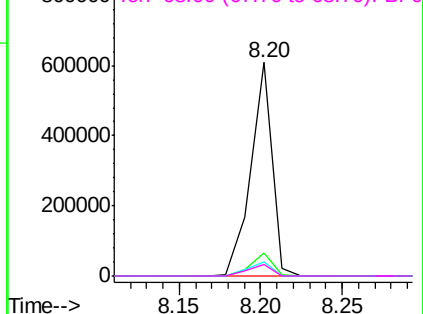
Acq: 14 Dec 2015 00:04

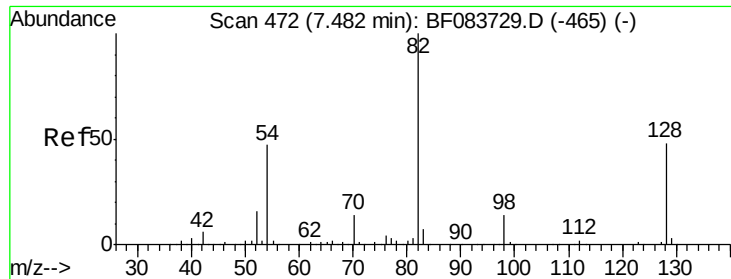
Tgt Ion: 136 Resp: 550626

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.5	7.8	11.6#
68	5.1	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: 97.14 ng

RT: 7.48 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF083748.D

Acq: 14 Dec 2015 00:04

Instrument :

BNA_F

ClientSampleId :

BOTTOM2-WEST-13

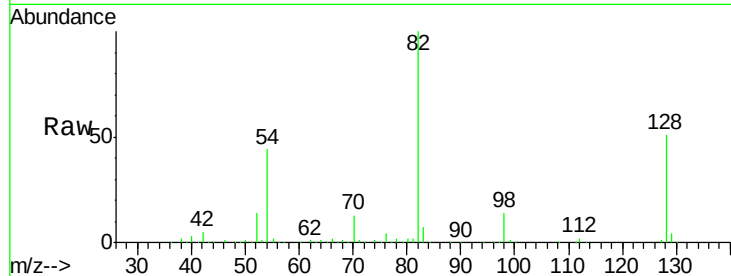
Tot Ion: 82 Resp: 956028

Ion Ratio Lower Upper

82 100

128 51.3 30.7 46.1#

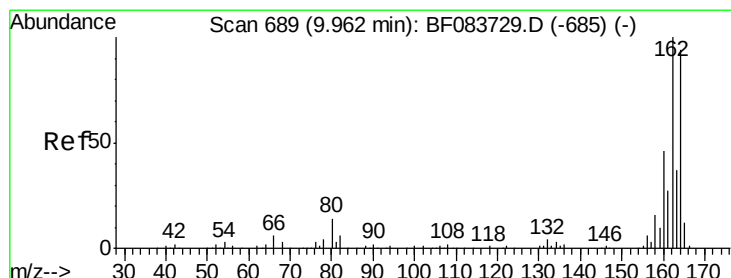
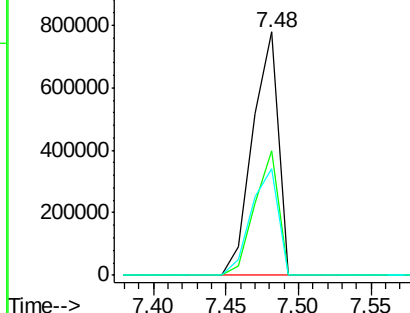
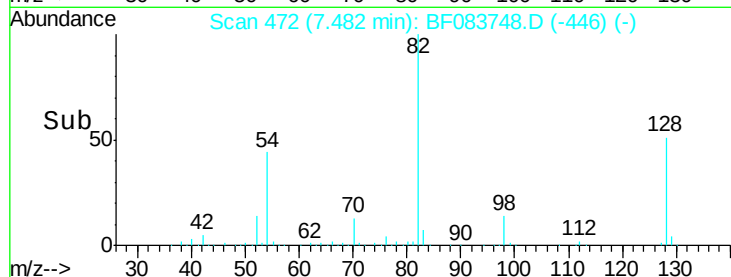
54 43.9 42.5 63.7



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: BF083748.D

Acq: 14 Dec 2015 00:04

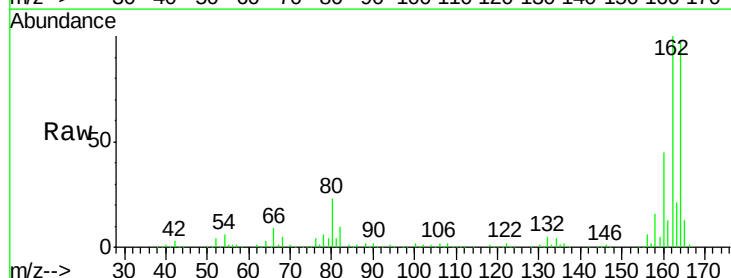
Tgt Ion:164 Resp: 250055

Ion Ratio Lower Upper

164 100

162 102.0 78.8 118.2

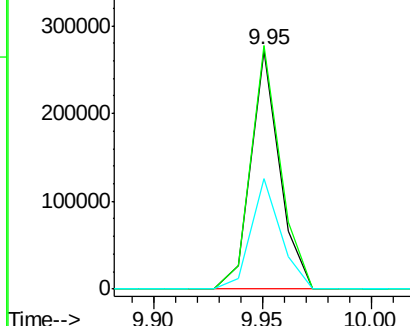
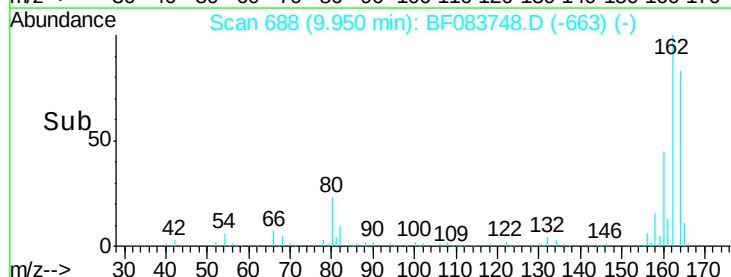
160 46.4 33.4 50.2

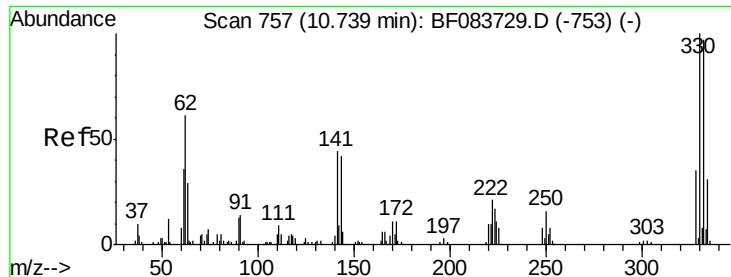


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

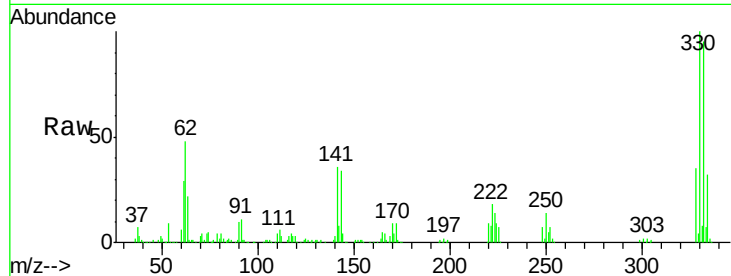




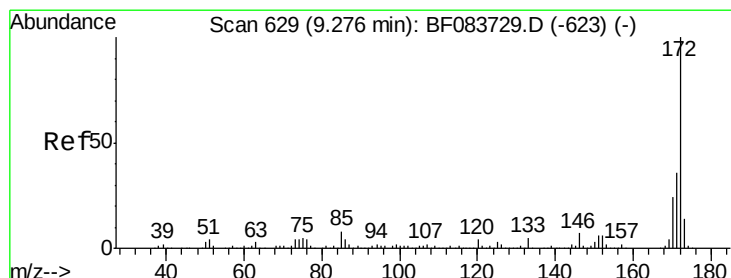
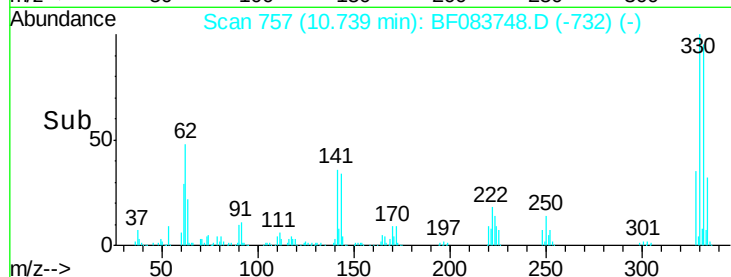
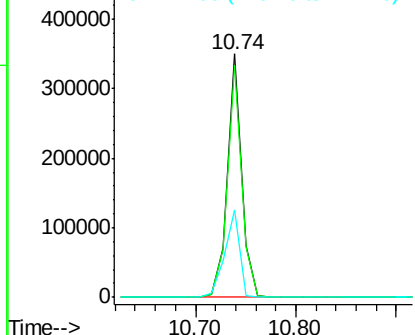
#41
 2,4,6-Tribromophenol
 Concen: 135.50 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BF083748.D
 Acq: 14 Dec 2015 00:04

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM2-WEST-13

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	0.0	0.0#
141	37.3	0.0	0.0#

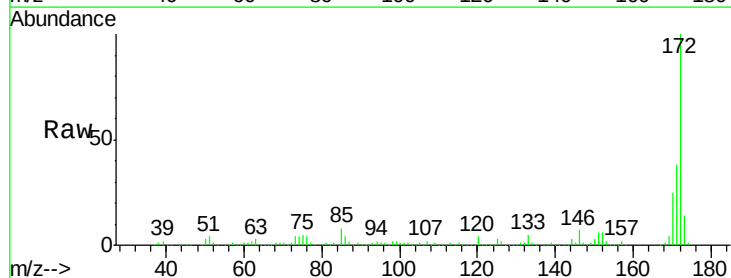


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

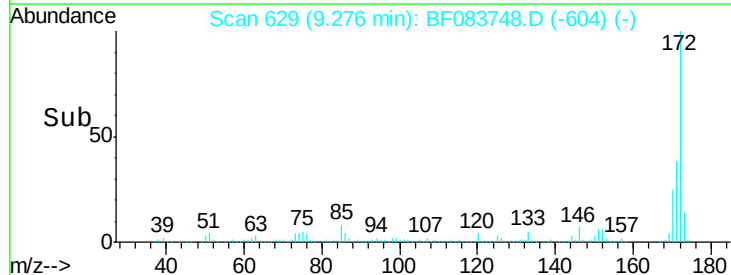
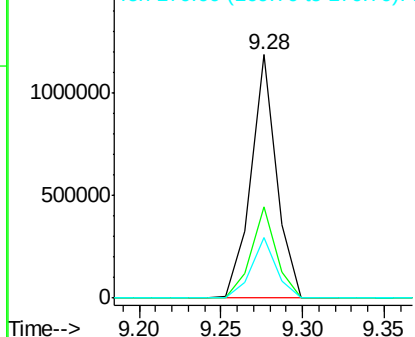


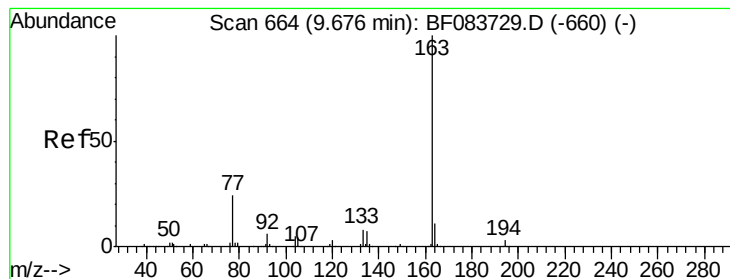
#44
 2-Fluorobiphenyl
 Concen: 72.65 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF083748.D
 Acq: 14 Dec 2015 00:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	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: 18.80 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.02 min

Lab File: BF083748.D

Acq: 14 Dec 2015 00:04

Instrument :

BNA_F

ClientSampleId :

BOTTOM2-WEST-13

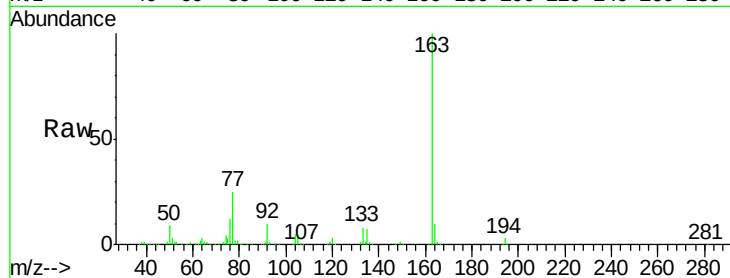
Tot Ion:163 Resp: 366584

Ion Ratio Lower Upper

163 100

194 3.0 2.8 4.2

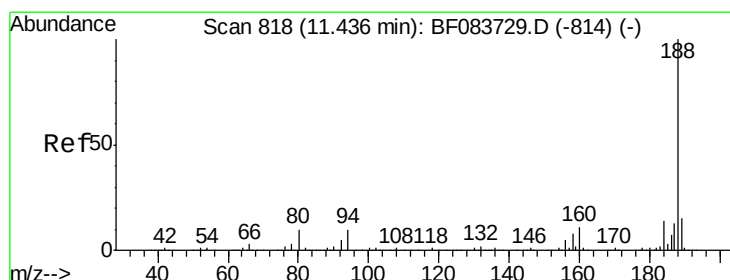
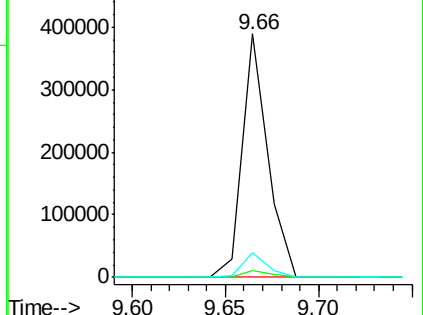
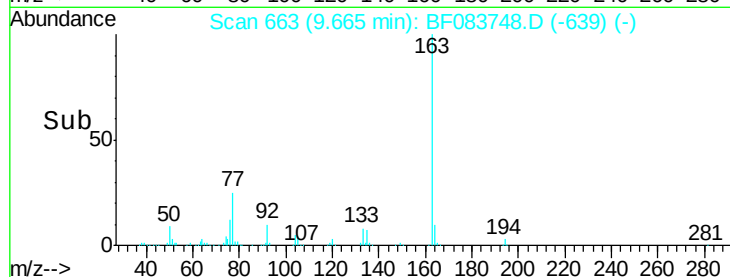
164 10.4 8.6 13.0



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: BF083748.D

Acq: 14 Dec 2015 00:04

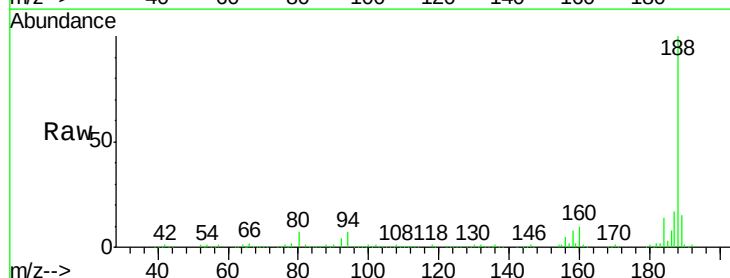
Tgt Ion:188 Resp: 459562

Ion Ratio Lower Upper

188 100

94 6.9 9.4 14.2#

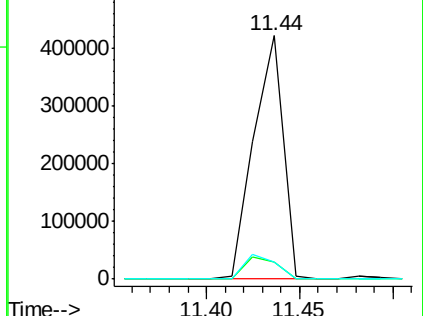
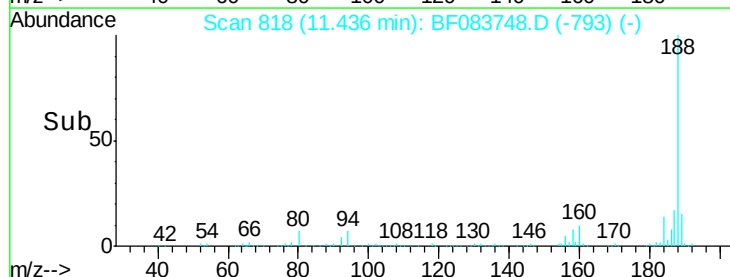
80 7.1 10.6 16.0#

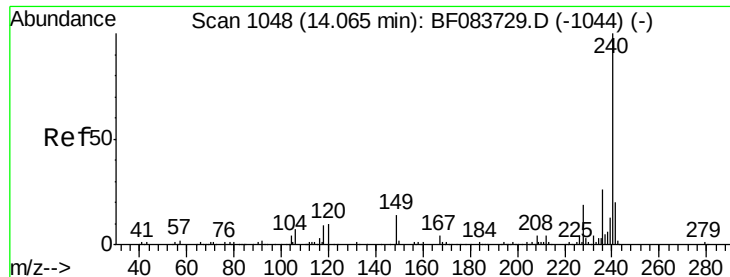


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF083748.D

Acq: 14 Dec 2015 00:04

Instrument :

BNA_F

ClientSampleId :

BOTTOM2-WEST-13

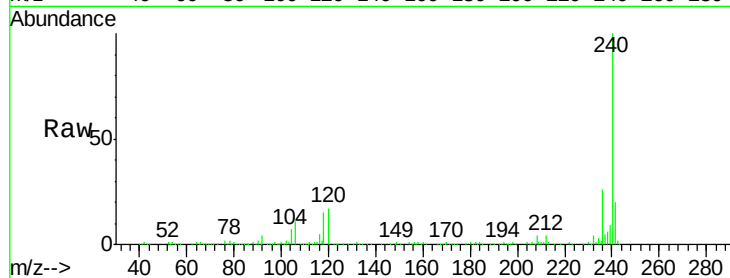
Tot Ion:240 Resp: 314972

Ion Ratio Lower Upper

240 100

120 16.5 8.1 12.1#

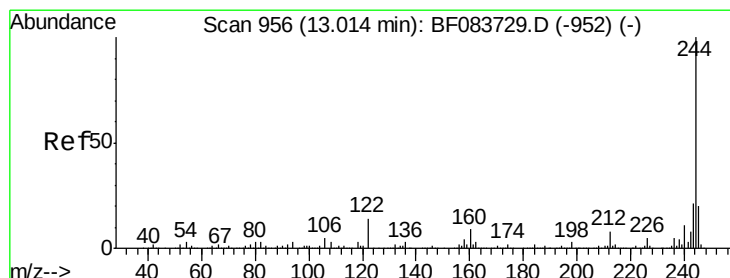
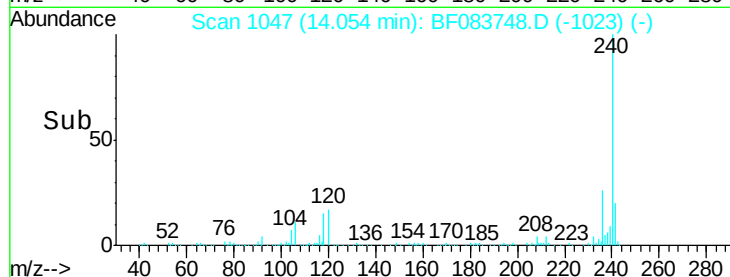
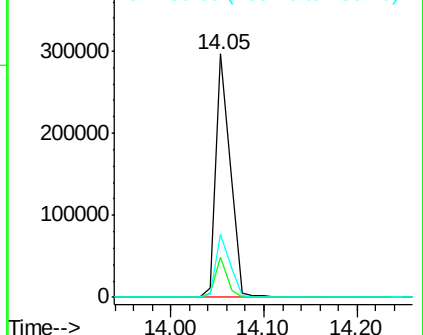
236 25.7 20.8 31.2



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: 89.26 ng

RT: 13.01 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF083748.D

Acq: 14 Dec 2015 00:04

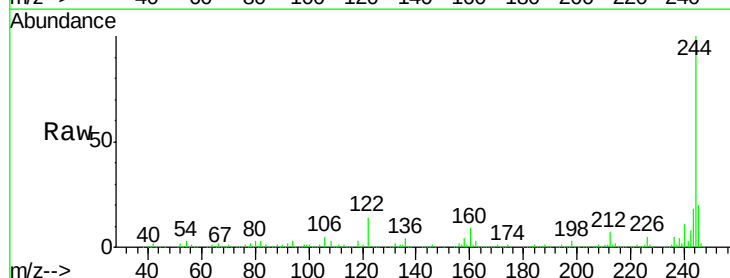
Tgt Ion:244 Resp: 1307003

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

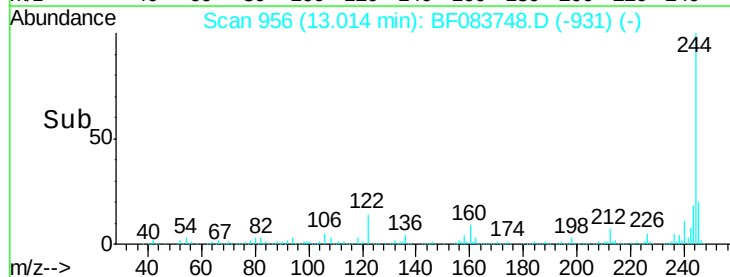
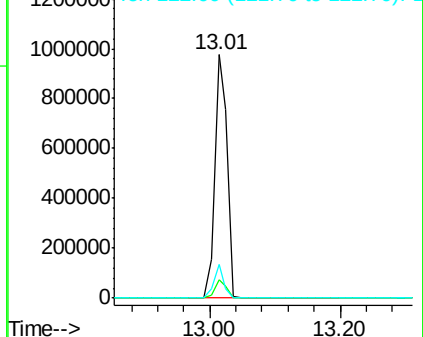
122 14.0 11.0 16.6

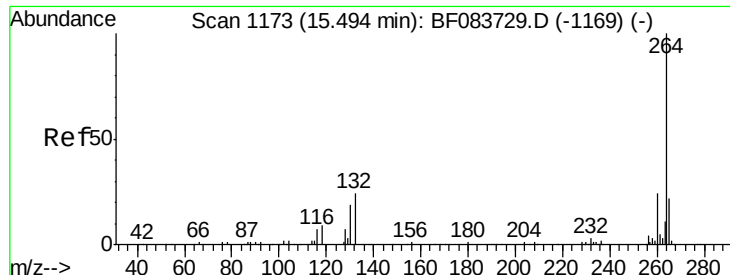


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF083748.D
Acq: 14 Dec 2015 00:04

Instrument :
BNA_F
ClientSampleId :
BOTTOM2-WEST-13

Tot Ion: 264 Resp: 238763

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.0
265	22.1	17.8	26.6

