

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
 Data File : BF083742.D
 Acq On : 13 Dec 2015 21:16
 Operator : UM/IZ
 Sample : G4648-24
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-06(17-20)

Quant Time: Dec 14 04:22:29 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

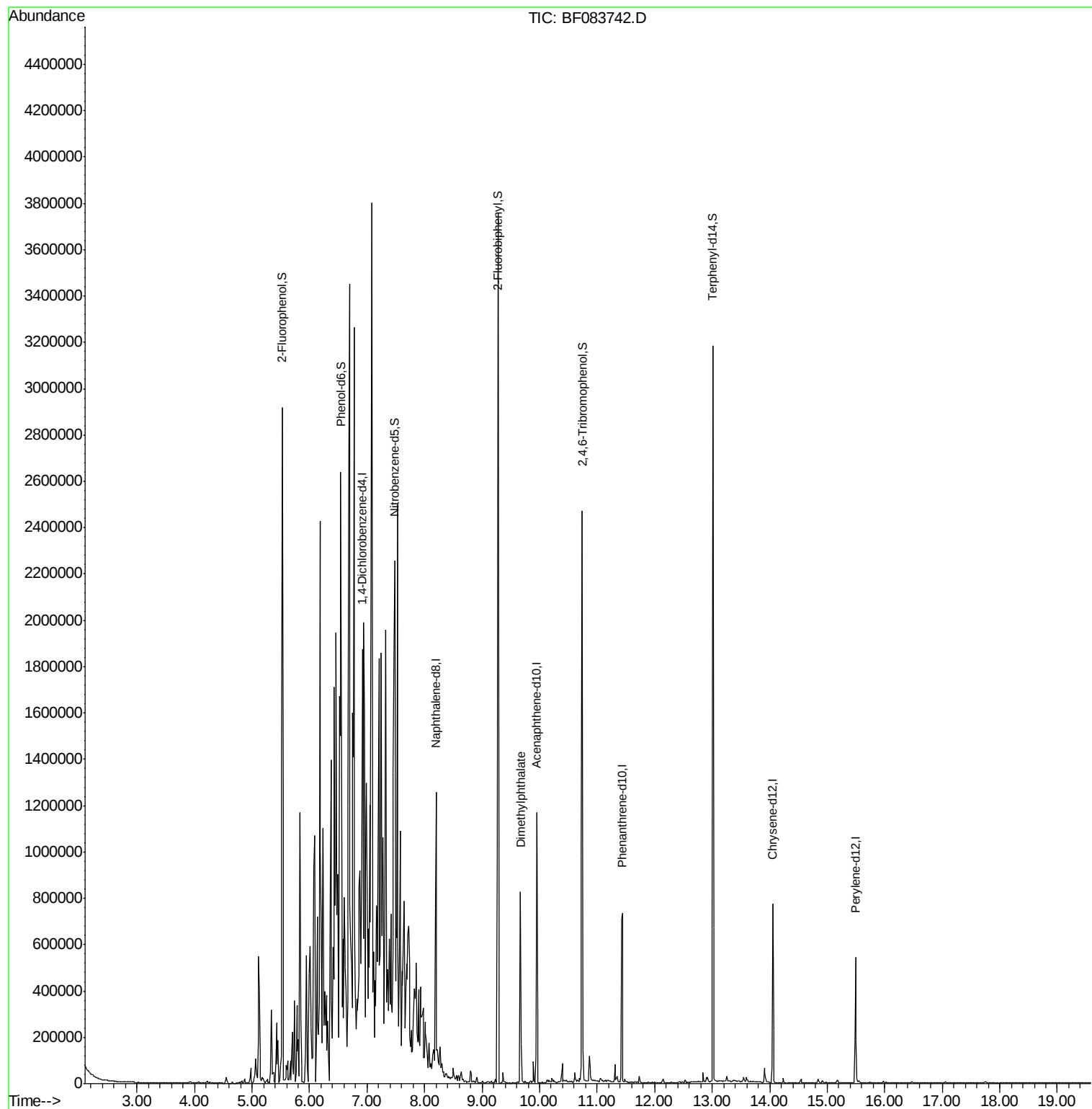
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	115694	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	475152	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	222644	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	396968	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	262357	20.00	ng	-0.02
86) Perylene-d12	15.49	264	234695	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1025452	142.99	ng	0.00
7) Phenol-d6	6.54	99	1213570	133.63	ng	0.00
23) Nitrobenzene-d5	7.48	82	799655	94.16	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	306315	135.02	ng	-0.01
44) 2-Fluorobiphenyl	9.28	172	1246763	80.82	ng	-0.01
78) Terphenyl-d14	13.01	244	1004106	82.33	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.66	163	323609	18.64	ng	99

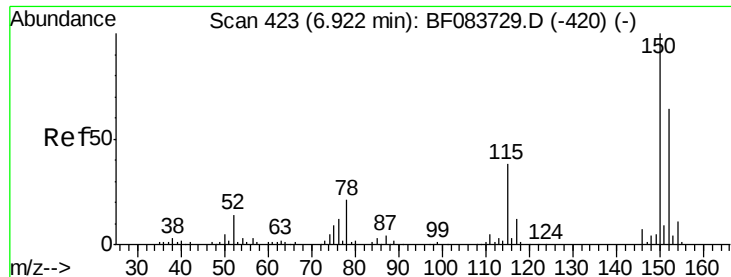
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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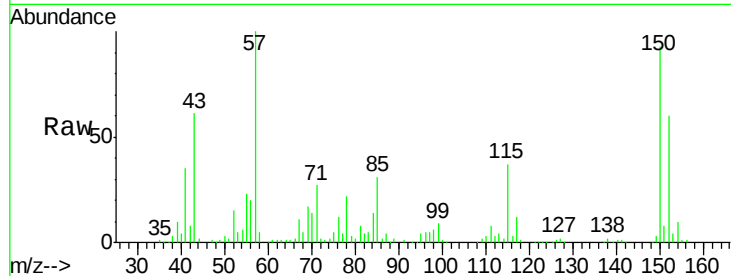


#1

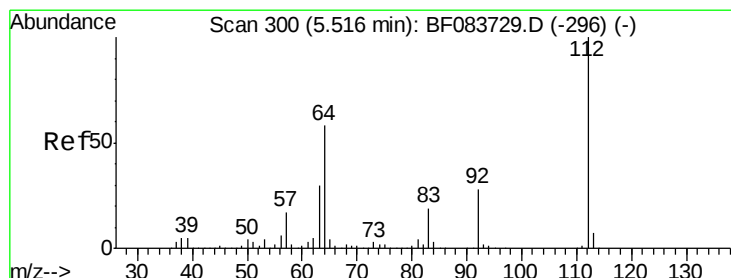
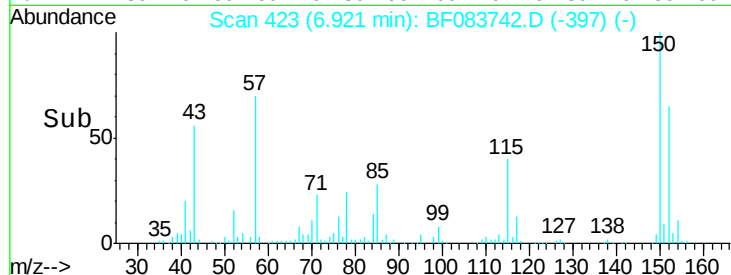
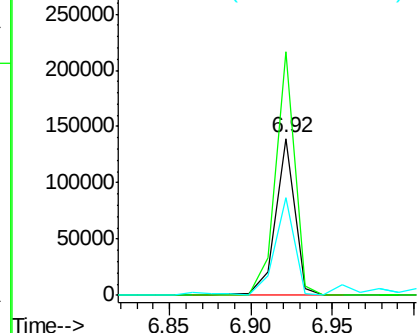
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF083742.D
Acq: 13 Dec 2015 21:16

Instrument :
BNA_F
ClientSampleId :
SB-06(17-20)

Tot Ion:152 Resp: 115694
Ion Ratio Lower Upper
152 100
150 154.9 126.5 189.7
115 62.4 52.3 78.5



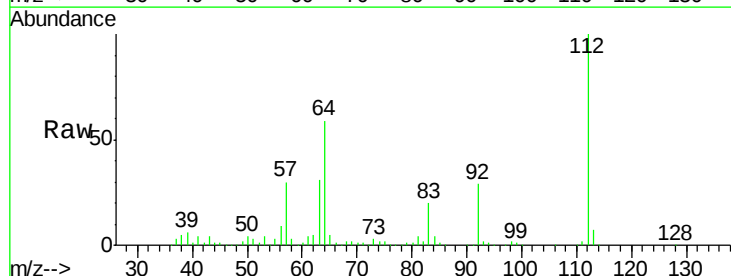
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



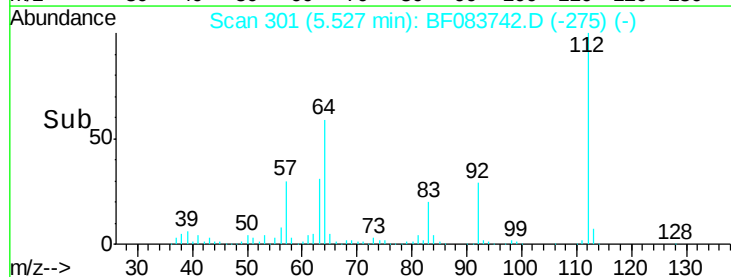
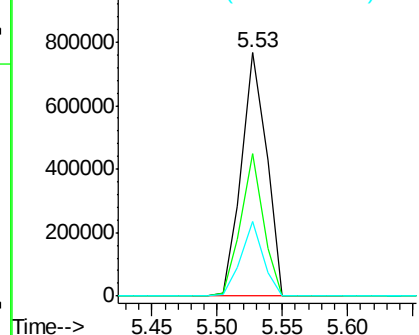
#5

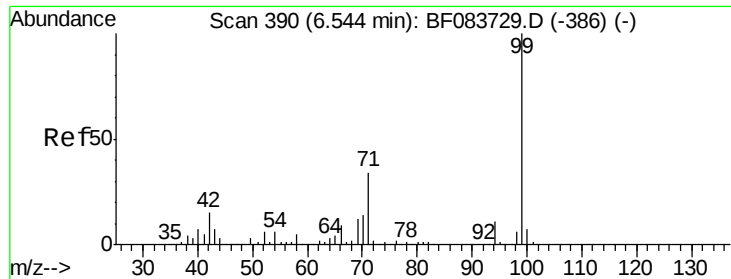
2-Fluorophenol
Concen: 142.99 ng
RT: 5.53 min Scan# 301
Delta R.T. 0.00 min
Lab File: BF083742.D
Acq: 13 Dec 2015 21:16

Tgt Ion:112 Resp: 1025452
Ion Ratio Lower Upper
112 100
64 58.8 50.5 75.7
63 30.6 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: 133.63 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF083742.D

Acq: 13 Dec 2015 21:16

Instrument :

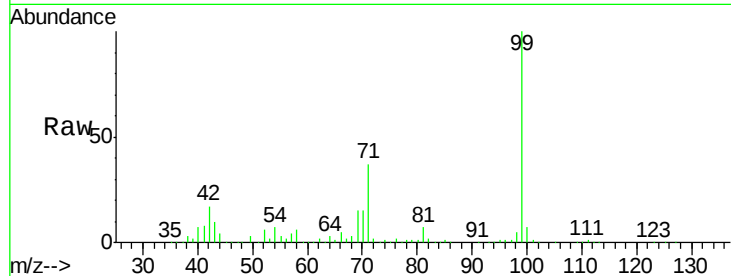
BNA_F

ClientSampleId :

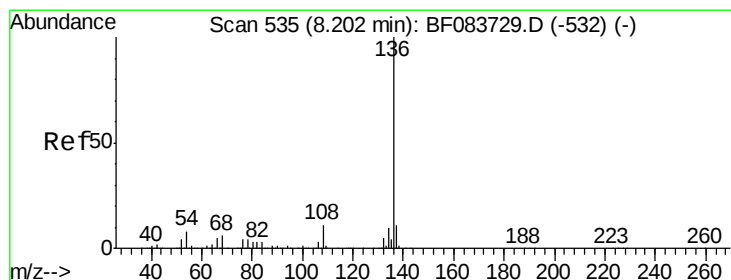
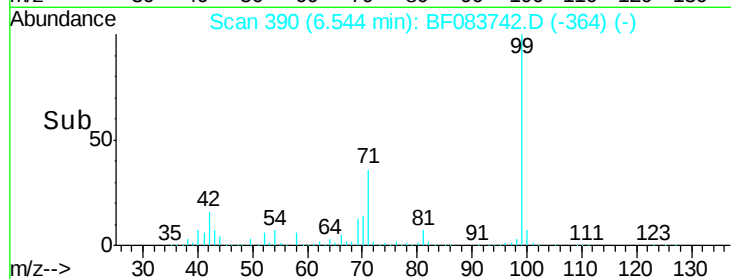
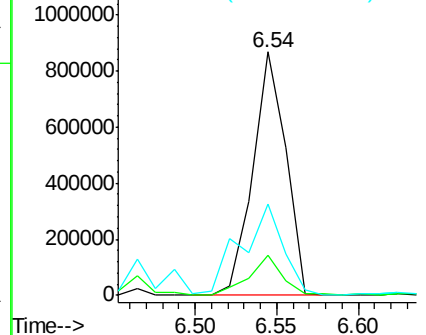
SB-06(17-20)

Tot Ion: 99 Resp: 1213570

Ion	Ratio	Lower	Upper
99	100		
42	16.7	17.3	25.9#
71	37.3	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

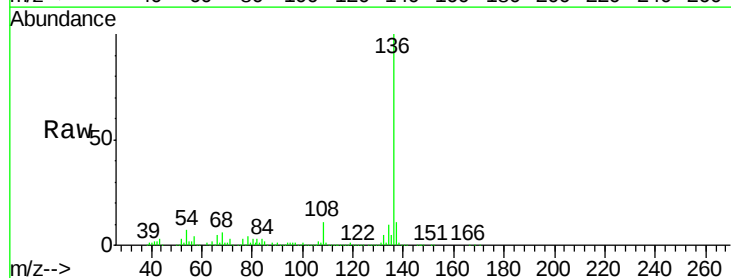
Delta R.T. -0.01 min

Lab File: BF083742.D

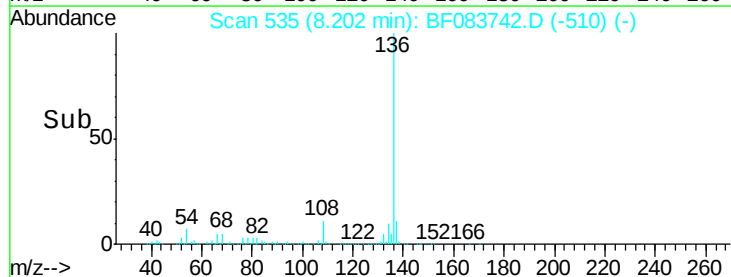
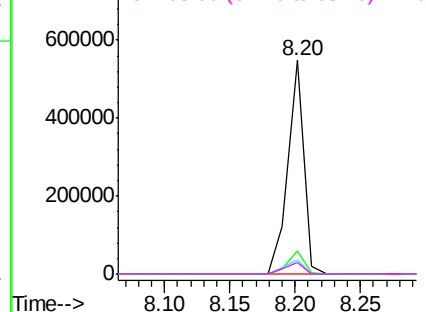
Acq: 13 Dec 2015 21:16

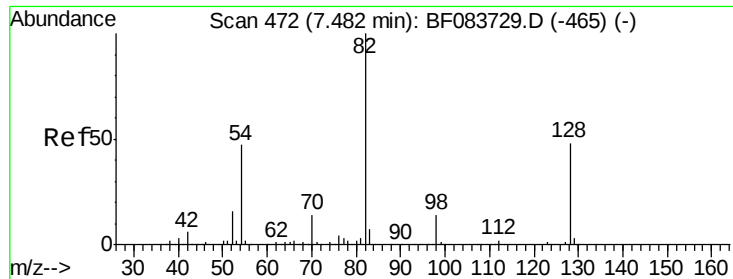
Tgt Ion: 136 Resp: 475152

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.8	7.8	11.6#
68	5.7	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

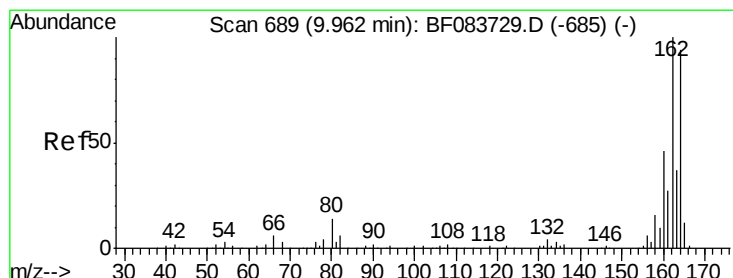
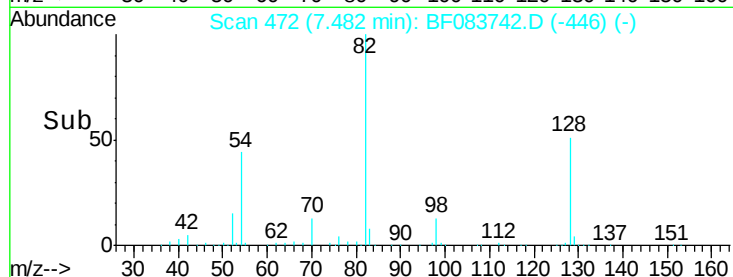
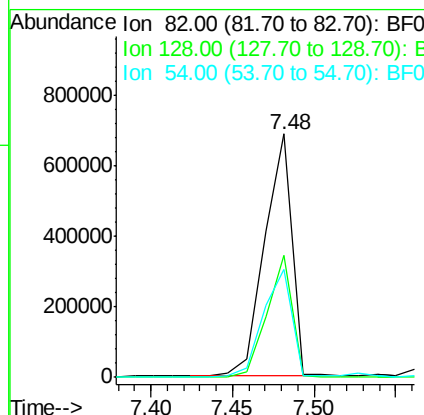
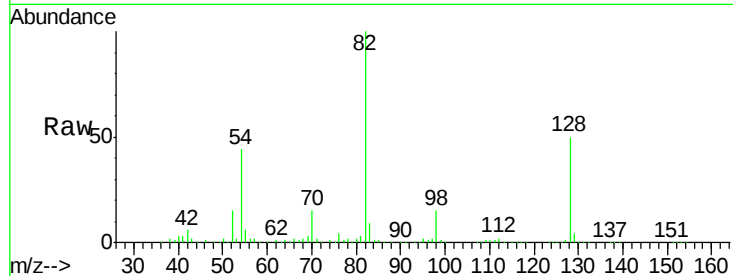




#23
 Nitrobenzene-d5
 Concen: 94.16 ng
 RT: 7.48 min Scan# 472
 Delta R.T. 0.00 min
 Lab File: BF083742.D
 Acq: 13 Dec 2015 21:16

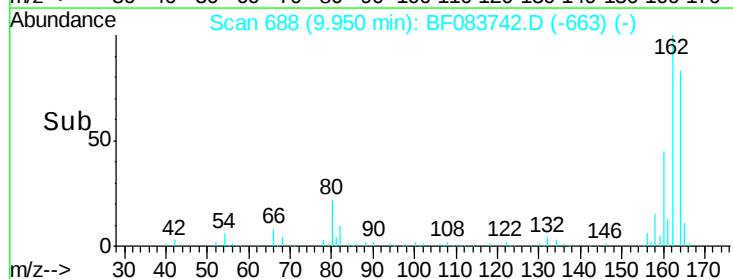
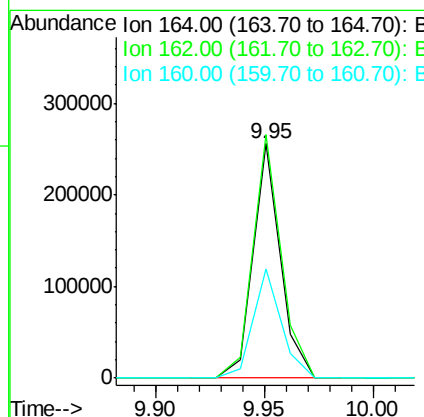
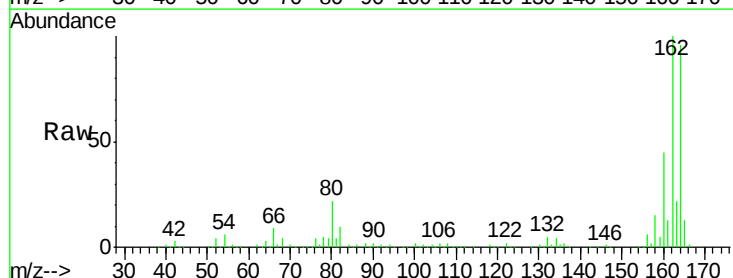
Instrument :
 BNA_F
 ClientSampleId :
 SB-06(17-20)

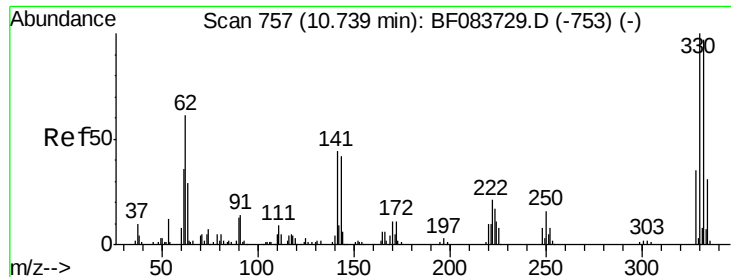
Tot Ion: 82 Resp: 799655
 Ion Ratio Lower Upper
 82 100
 128 50.2 30.7 46.1#
 54 44.3 42.5 63.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: BF083742.D
 Acq: 13 Dec 2015 21:16

Tgt Ion:164 Resp: 222644
 Ion Ratio Lower Upper
 164 100
 162 104.0 78.8 118.2
 160 46.6 33.4 50.2

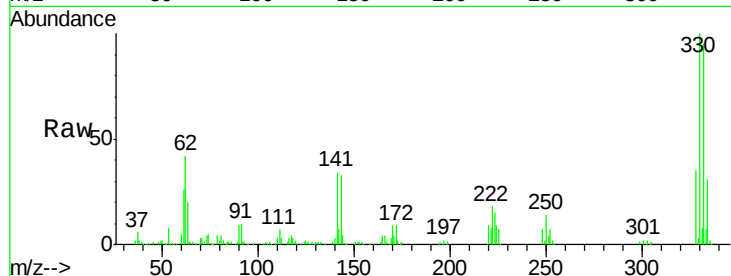




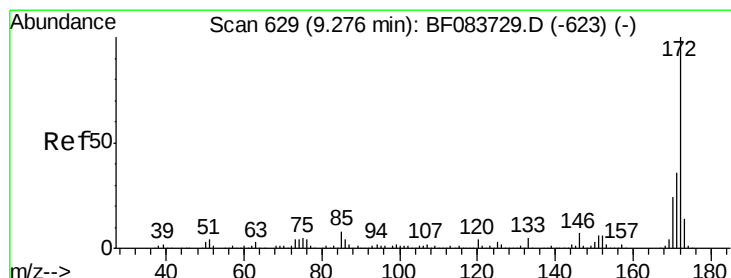
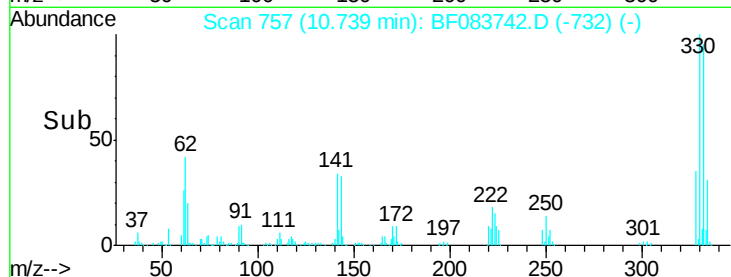
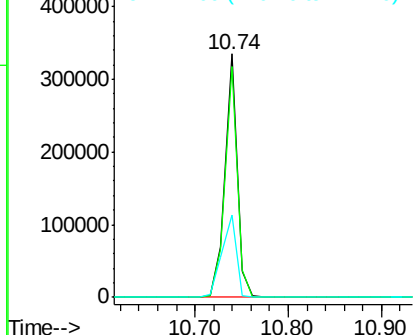
#41
 2,4,6-Tribromophenol
 Concen: 135.02 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BF083742.D
 Acq: 13 Dec 2015 21:16

Instrument :
 BNA_F
 ClientSampleId :
 SB-06(17-20)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	0.0	0.0#
141	38.8	0.0	0.0#

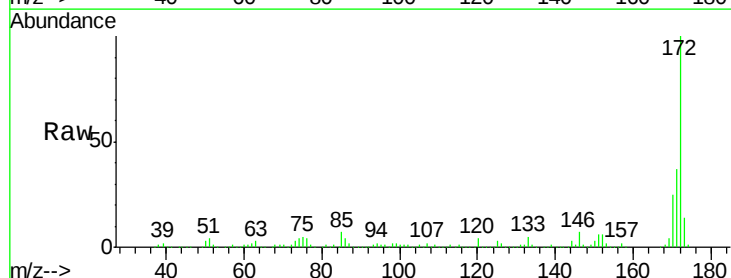


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

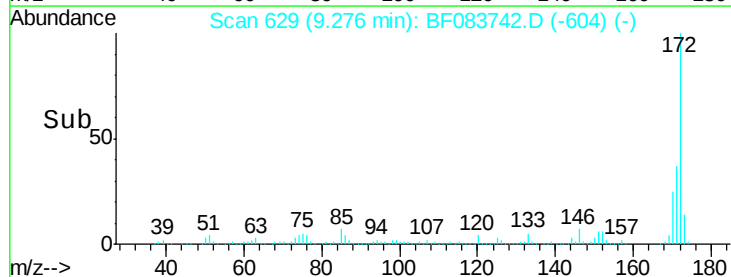
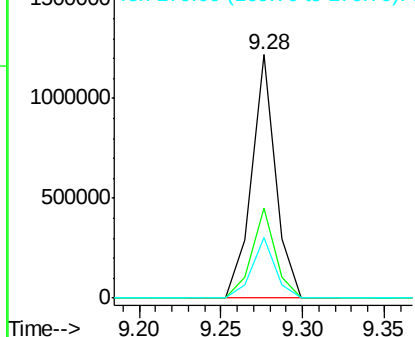


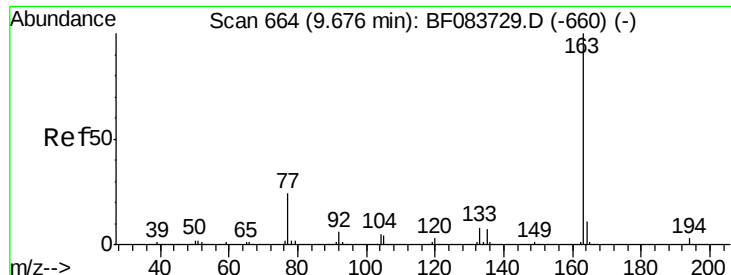
#44
 2-Fluorobiphenyl
 Concen: 80.82 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF083742.D
 Acq: 13 Dec 2015 21:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	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: 18.64 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.02 min

Lab File: BF083742.D

Acq: 13 Dec 2015 21:16

Instrument :

BNA_F

ClientSampleId :

SB-06(17-20)

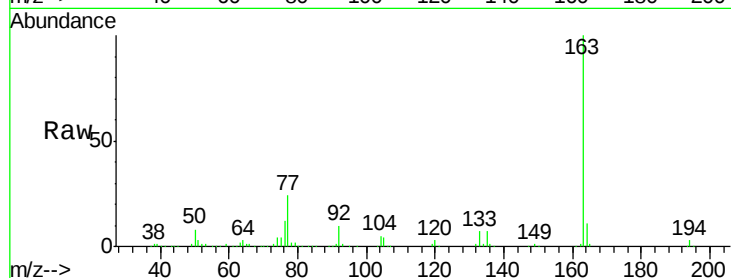
Tot Ion:163 Resp: 323609

Ion Ratio Lower Upper

163 100

194 3.1 2.8 4.2

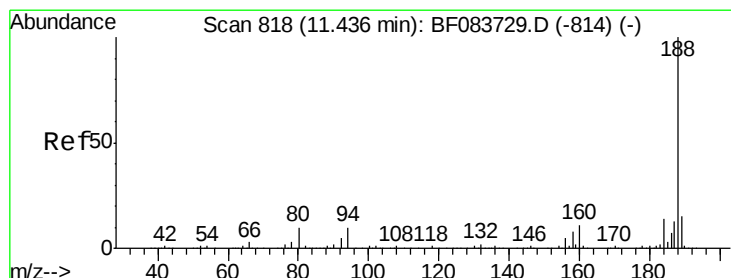
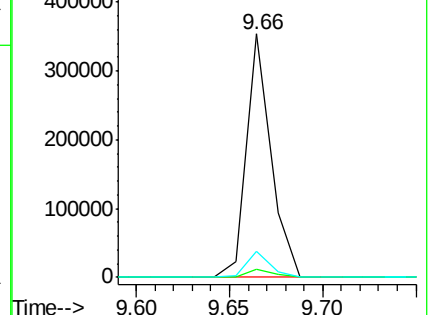
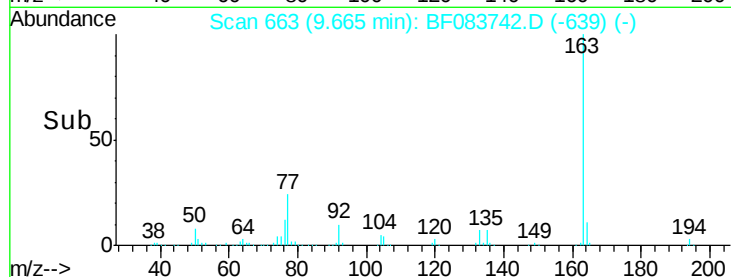
164 10.7 8.6 13.0



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: BF083742.D

Acq: 13 Dec 2015 21:16

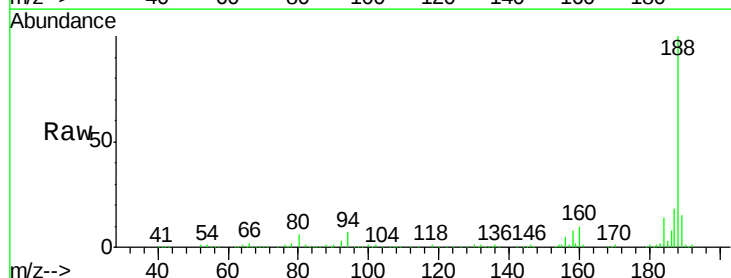
Tgt Ion:188 Resp: 396968

Ion Ratio Lower Upper

188 100

94 7.0 9.4 14.2#

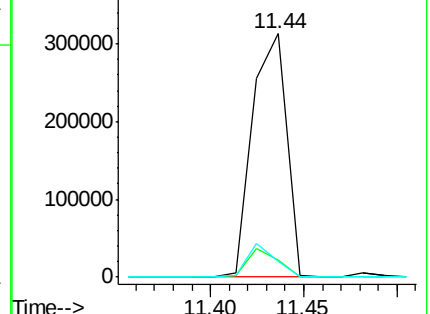
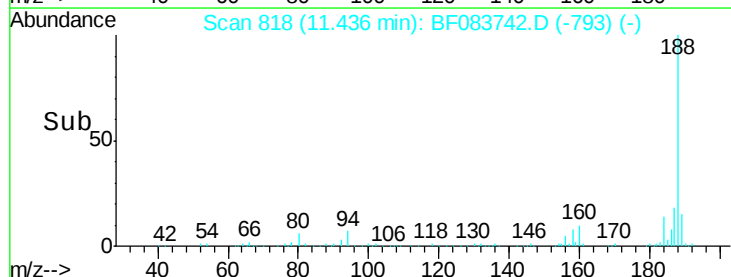
80 6.3 10.6 16.0#

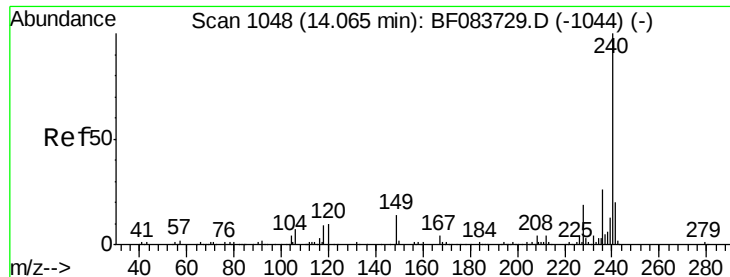


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF083742.D

Acq: 13 Dec 2015 21:16

Instrument :

BNA_F

ClientSampleId :

SB-06(17-20)

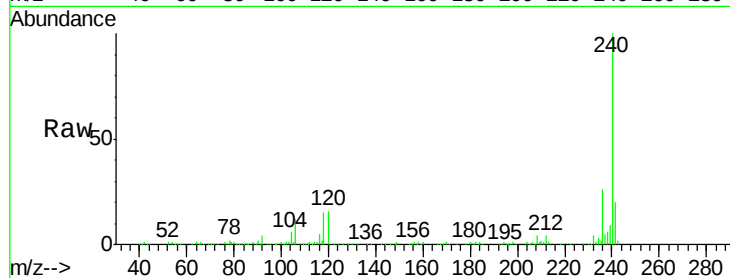
Tot Ion:240 Resp: 262357

Ion Ratio Lower Upper

240 100

120 15.8 8.1 12.1#

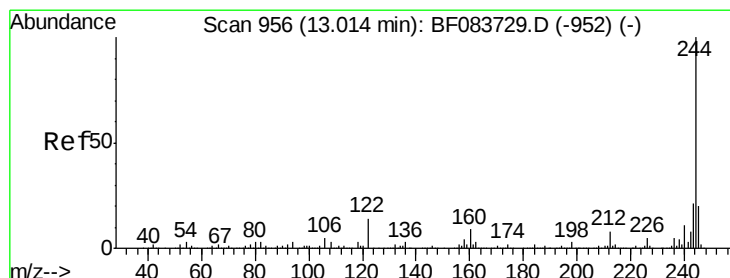
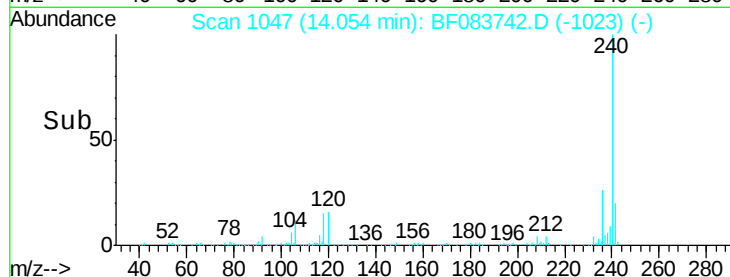
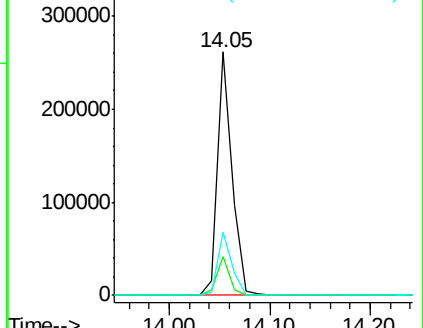
236 26.1 20.8 31.2



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: 82.33 ng

RT: 13.01 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF083742.D

Acq: 13 Dec 2015 21:16

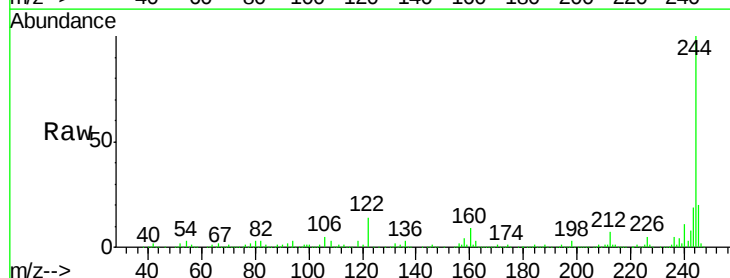
Tgt Ion:244 Resp: 1004106

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

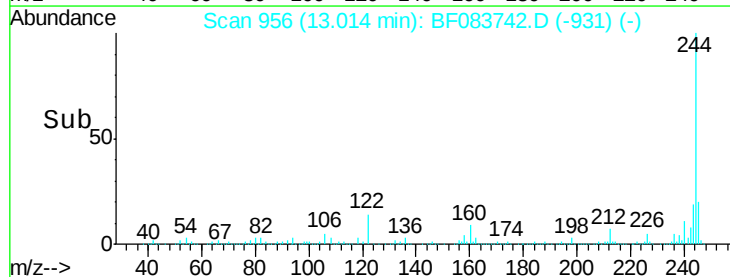
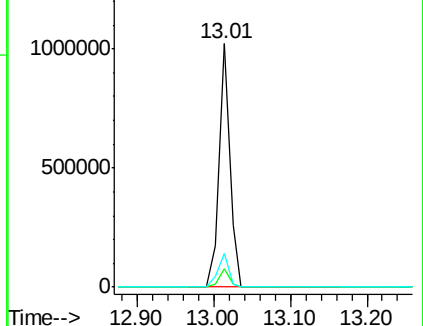
122 13.7 11.0 16.6

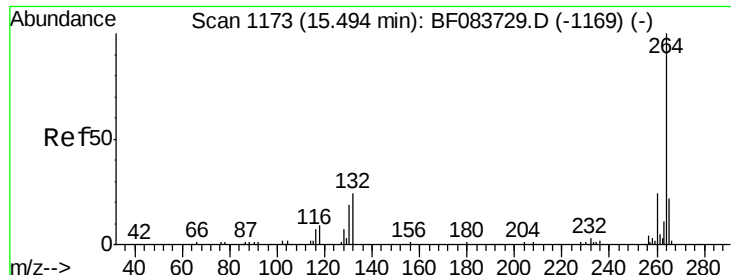


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

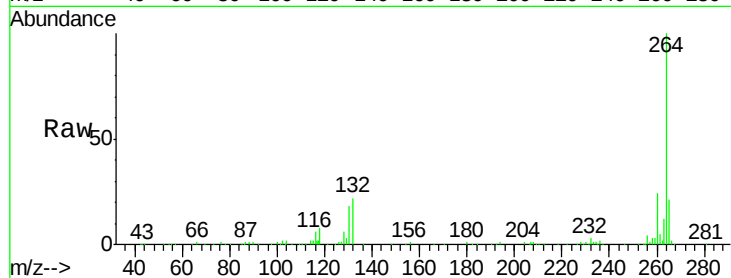




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF083742.D
Acq: 13 Dec 2015 21:16

Instrument :
BNA_F
ClientSampleId :
SB-06(17-20)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	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

