

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120715\
 Data File : BF083564.D
 Acq On : 7 Dec 2015 18:59
 Operator : UM/IZ
 Sample : G4579-01 20X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP1(6-12)

Quant Time: Dec 08 01:17:08 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 05 04:12:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.72	152	137209	20.00	ng	-0.05
21) Naphthalene-d8	7.62	136	535958	20.00	ng	-0.06
38) Acenaphthene-d10	10.41	164	261193	20.00	ng	-0.06
63) Phenanthrene-d10	12.81	188	473897	20.00	ng	-0.05
75) Chrysene-d12	17.01	240	325318	20.00	ng	-0.03
86) Perylene-d12	18.65	264	292801	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.03	112	52201	5.77	ng	0.00
7) Phenol-d6	5.31	99	77767	6.24	ng	-0.01
23) Nitrobenzene-d5	6.58	82	49964	4.36	ng	-0.02
41) 2,4,6-Tribromophenol	11.72	330	13071	5.43	ng	-0.03
44) 2-Fluorobiphenyl	9.37	172	79366	4.12	ng	-0.06
78) Terphenyl-d14	15.44	244	58790	4.02	ng	-0.05

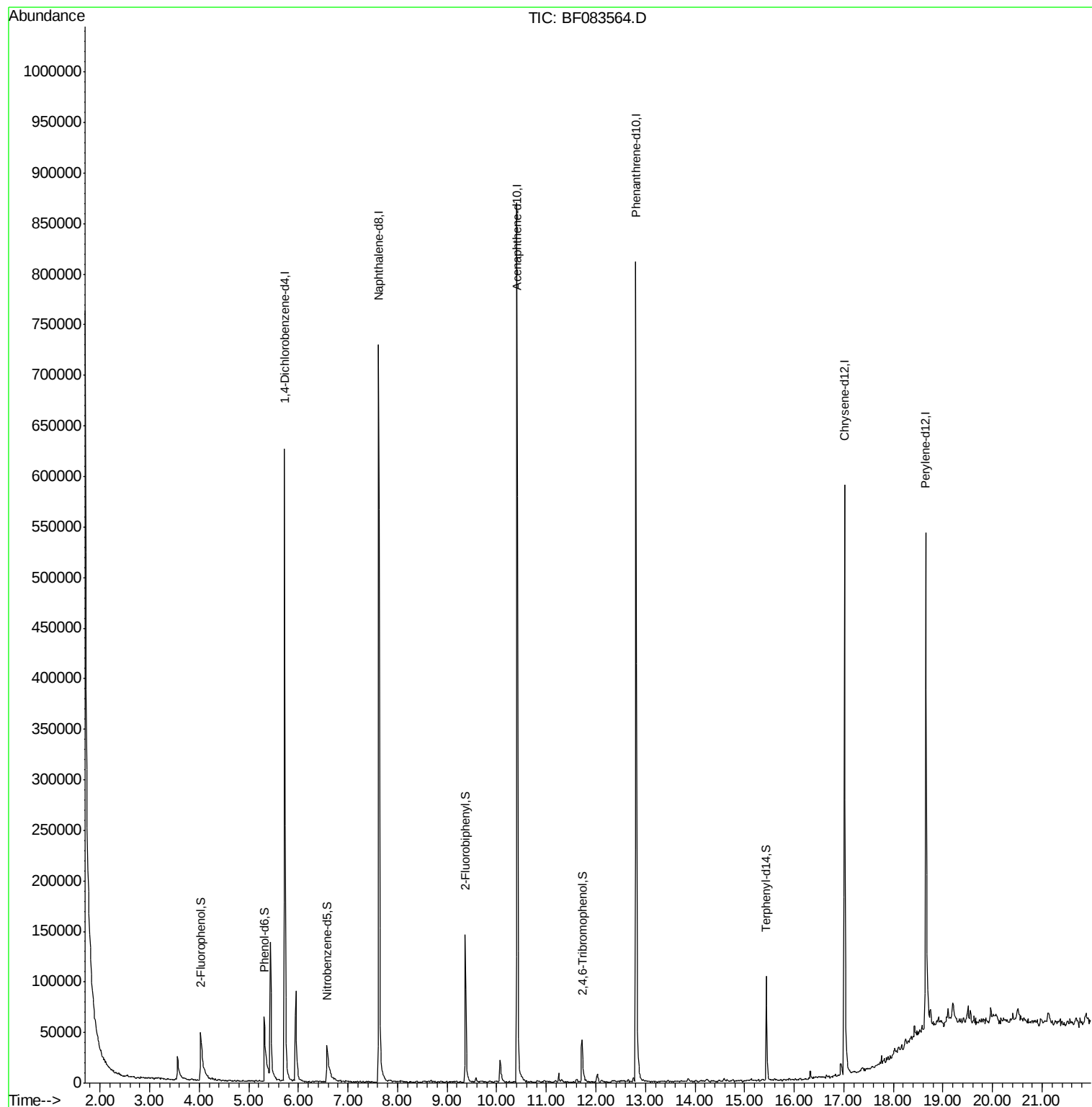
Target Compounds Qvalue

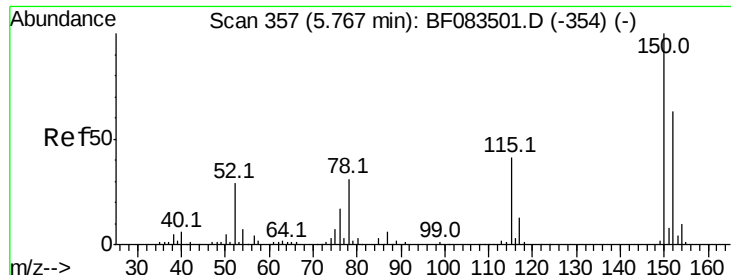
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.72 min Scan# 353

Delta R.T. -0.05 min

Lab File: BF083564.D

Acq: 7 Dec 2015 18:59

Instrument :

BNA_F

ClientSampleId :

TP1(6-12)

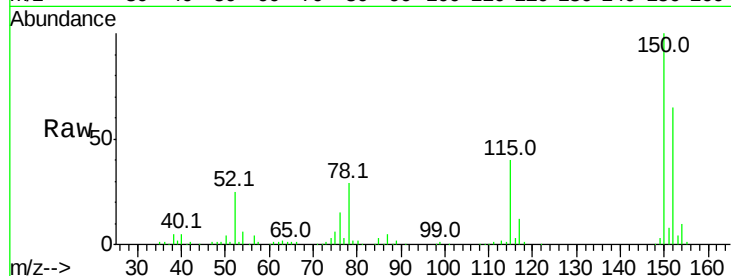
Tot Ion:152 Resp: 137209

Ion Ratio Lower Upper

152 100

150 153.3 126.5 189.7

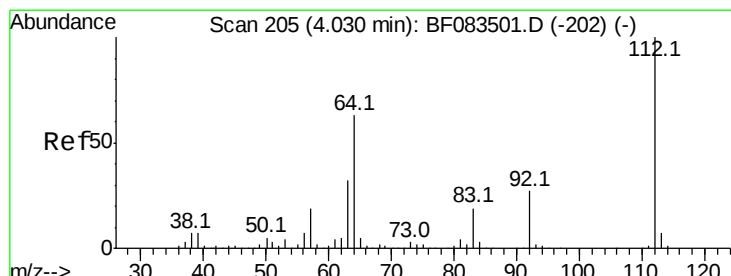
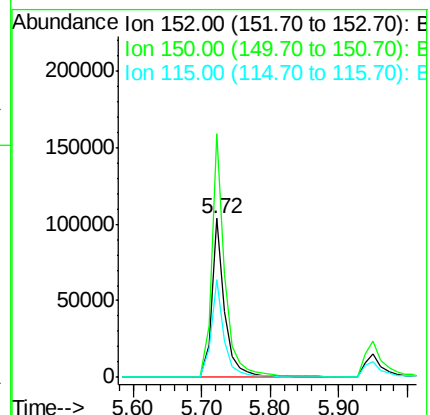
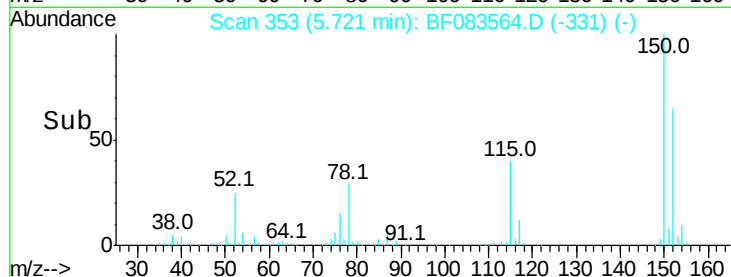
115 61.6 52.3 78.5



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: 5.77 ng

RT: 4.03 min Scan# 205

Delta R.T. -0.00 min

Lab File: BF083564.D

Acq: 7 Dec 2015 18:59

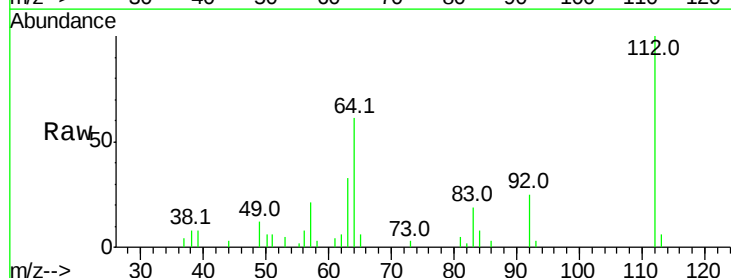
Tgt Ion:112 Resp: 52201

Ion Ratio Lower Upper

112 100

64 61.4 50.5 75.7

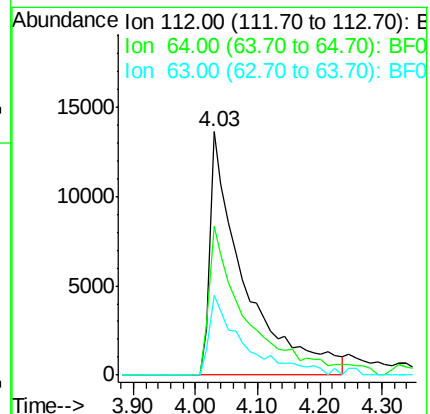
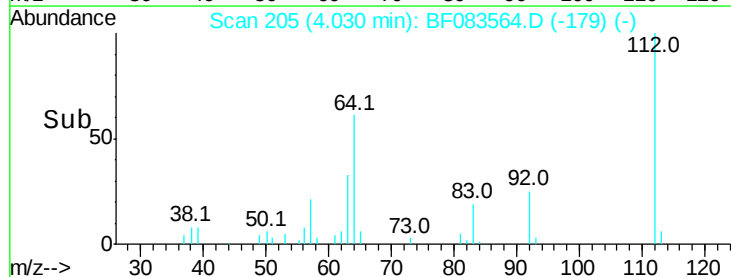
63 32.6 25.8 38.6

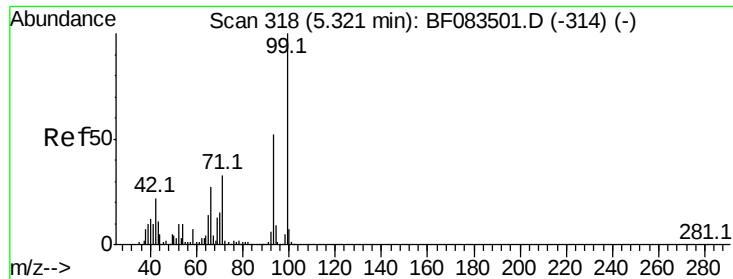


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 6.24 ng

RT: 5.31 min Scan# 317

Delta R.T. -0.01 min

Lab File: BF083564.D

Acq: 7 Dec 2015 18:59

Instrument :

BNA_F

ClientSampleId :

TP1(6-12)

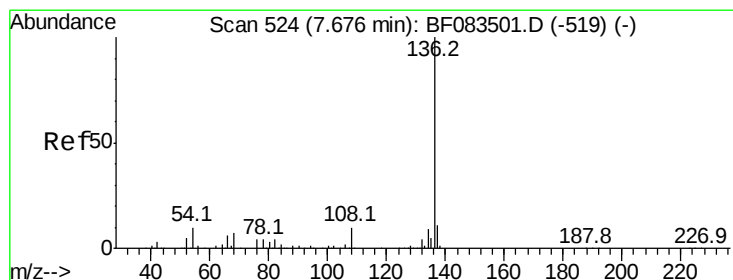
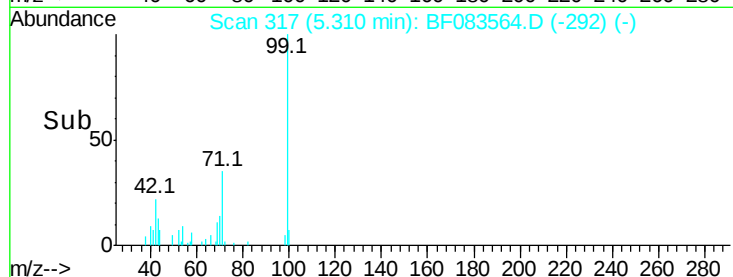
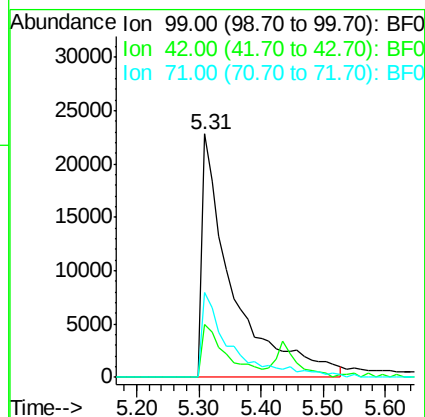
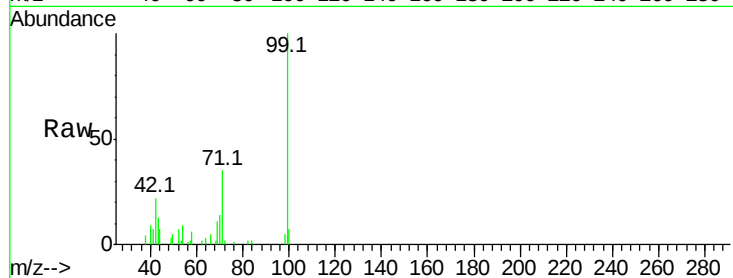
Tot Ion: 99 Resp: 77767

Ion Ratio Lower Upper

99 100

42 21.6 17.3 25.9

71 34.7 26.6 40.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.62 min Scan# 519

Delta R.T. -0.06 min

Lab File: BF083564.D

Acq: 7 Dec 2015 18:59

Tgt Ion: 136 Resp: 535958

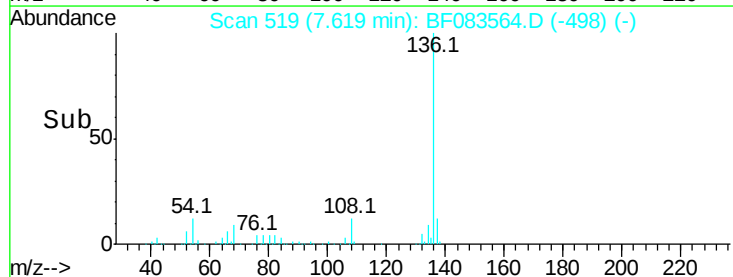
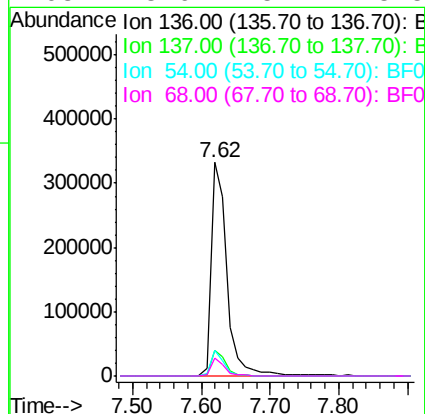
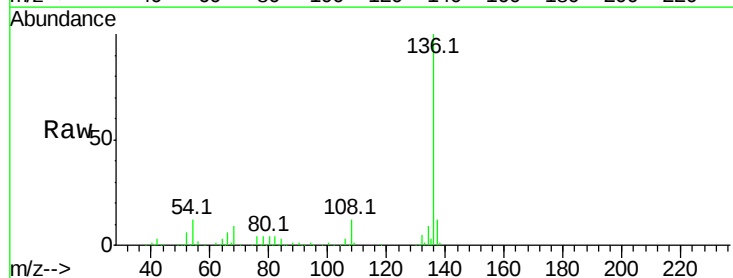
Ion Ratio Lower Upper

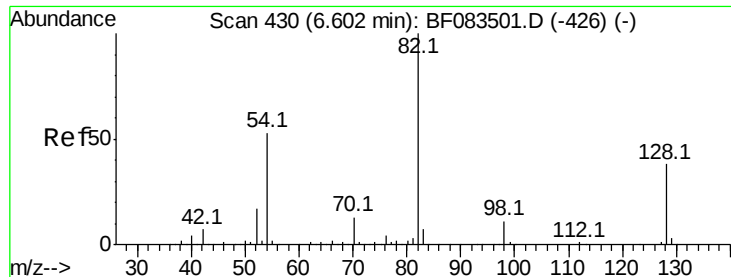
136 100

137 11.9 8.7 13.1

54 12.0 7.8 11.6#

68 8.6 5.7 8.5#

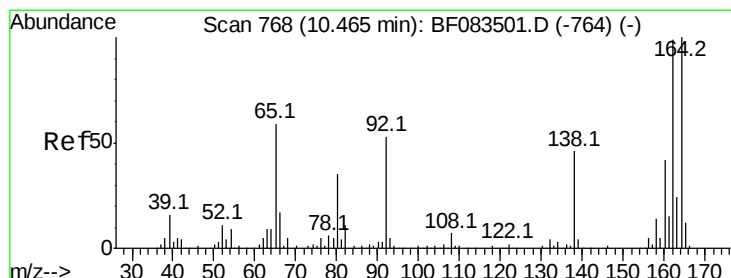
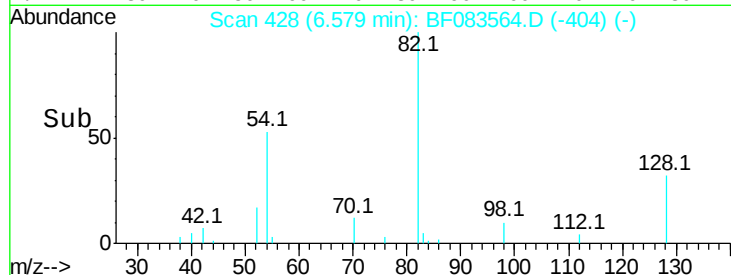
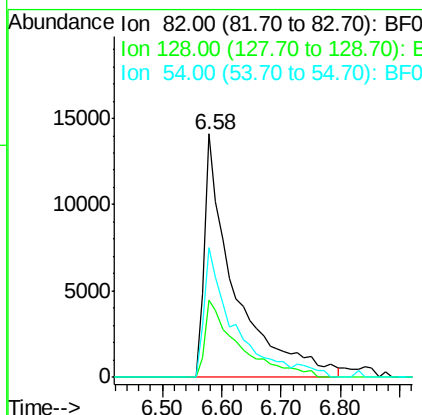
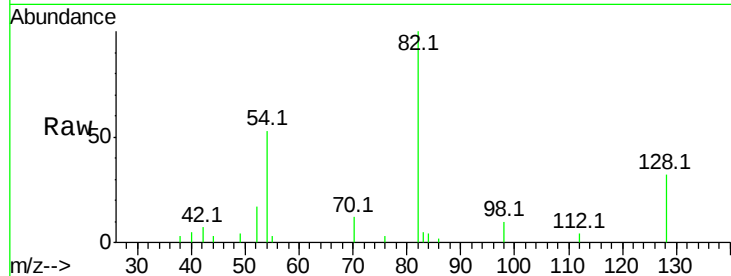




#23
 Nitrobenzene-d5
 Concen: 4.36 ng
 RT: 6.58 min Scan# 428
 Delta R.T. -0.02 min
 Lab File: BF083564.D
 Acq: 7 Dec 2015 18:59

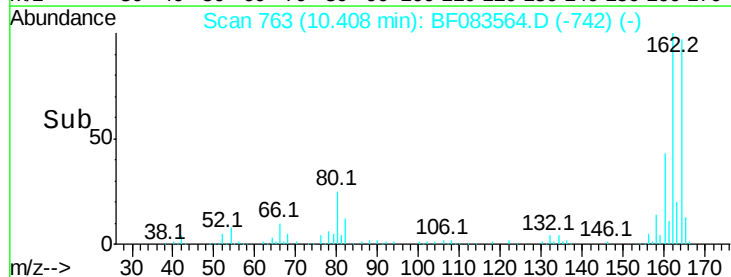
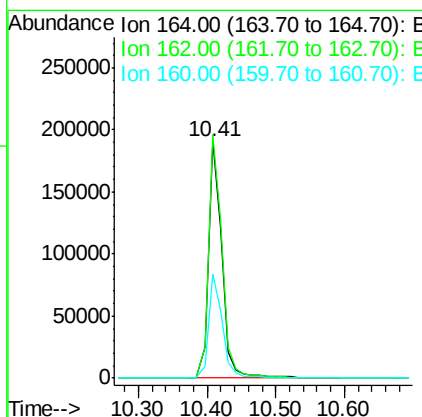
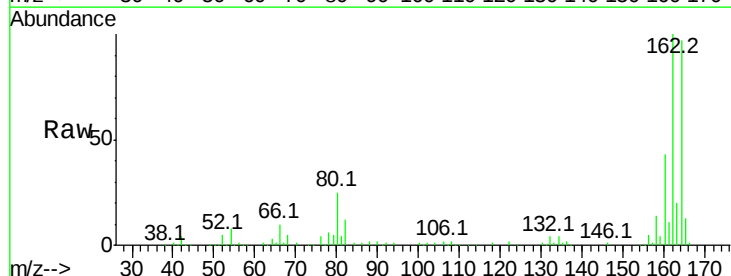
Instrument :
 BNA_F
 ClientSampleId :
 TP1(6-12)

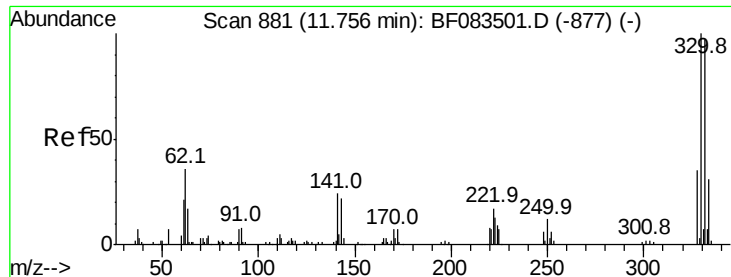
Tot Ion: 82 Resp: 49964
 Ion Ratio Lower Upper
 82 100
 128 31.7 30.7 46.1
 54 53.1 42.5 63.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.41 min Scan# 763
 Delta R.T. -0.06 min
 Lab File: BF083564.D
 Acq: 7 Dec 2015 18:59

Tgt Ion:164 Resp: 261193
 Ion Ratio Lower Upper
 164 100
 162 102.8 78.8 118.2
 160 43.7 33.4 50.2

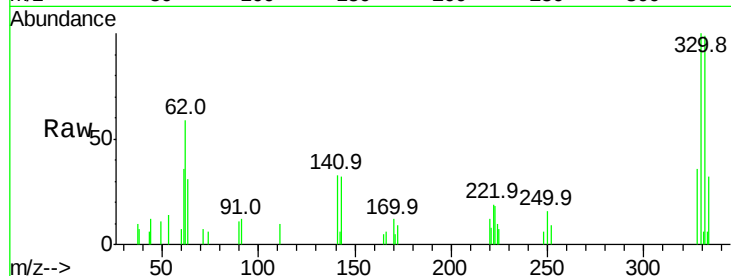




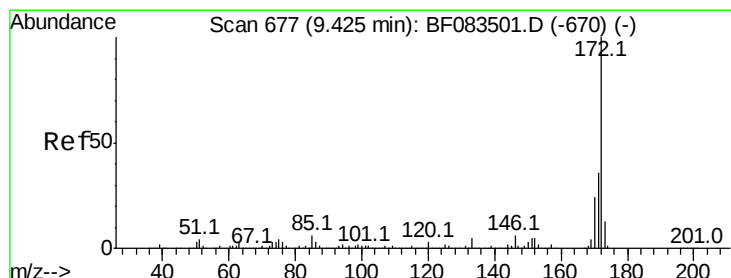
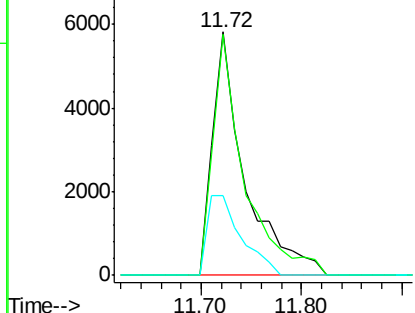
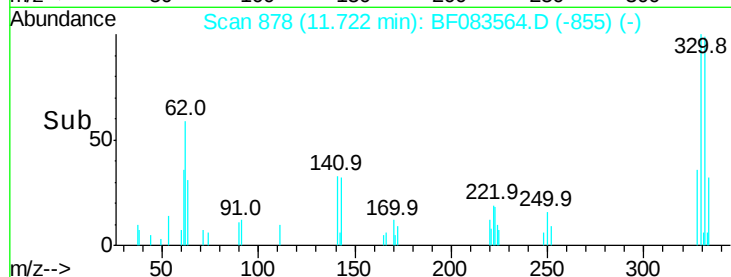
#41
 2,4,6-Tribromophenol
 Concen: 5.43 ng
 RT: 11.72 min Scan# 878
 Delta R.T. -0.03 min
 Lab File: BF083564.D
 Acq: 7 Dec 2015 18:59

Instrument :
 BNA_F
 ClientSampleId :
 TP1(6-12)

Tot Ion:330 Resp: 13071
 Ion Ratio Lower Upper
 330 100
 332 95.8 0.0 0.0#
 141 34.2 0.0 0.0#

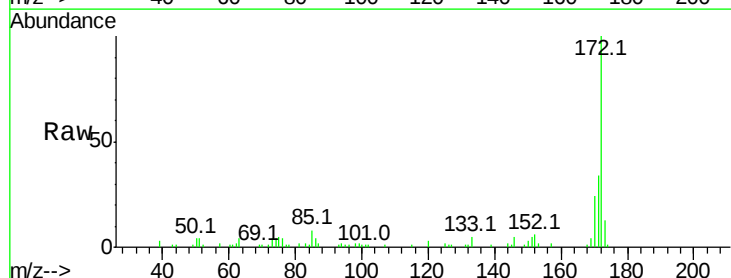


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

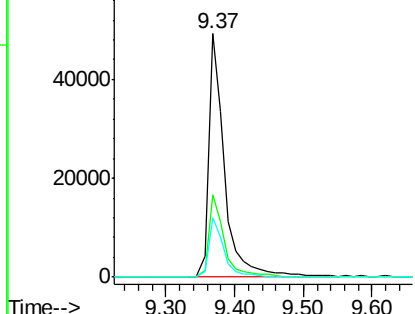
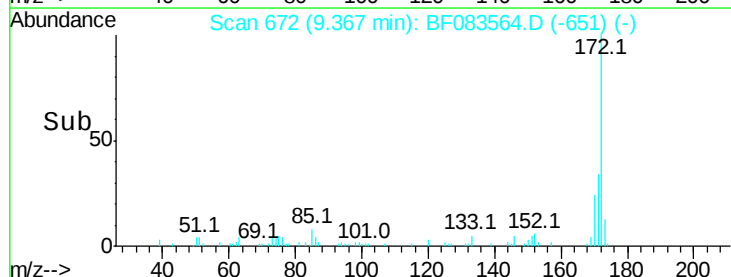


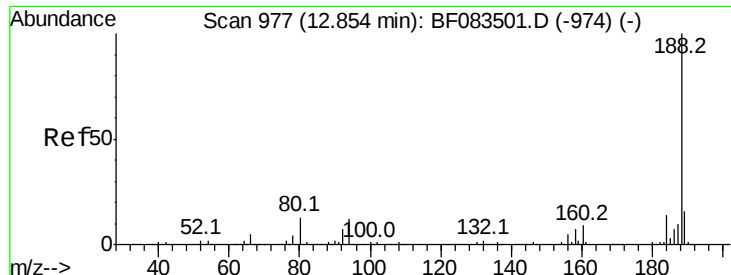
#44
 2-Fluorobiphenyl
 Concen: 4.12 ng
 RT: 9.37 min Scan# 672
 Delta R.T. -0.06 min
 Lab File: BF083564.D
 Acq: 7 Dec 2015 18:59

Tgt Ion:172 Resp: 79366
 Ion Ratio Lower Upper
 172 100
 171 33.9 28.6 42.8
 170 24.4 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

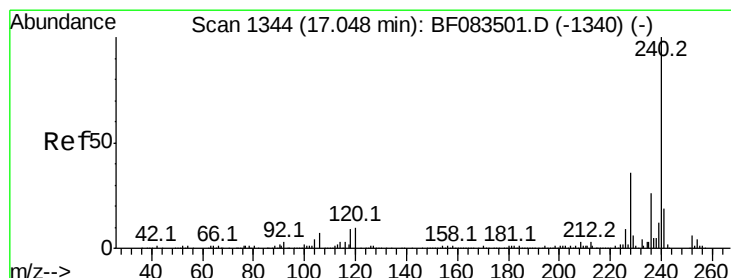
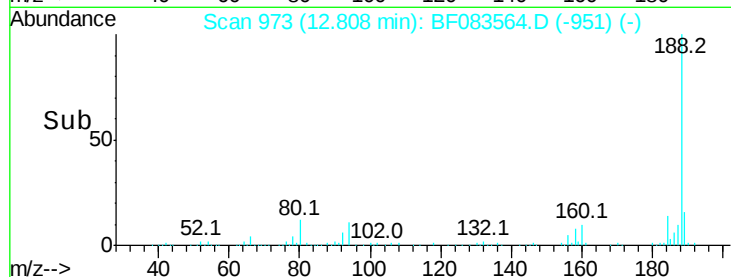
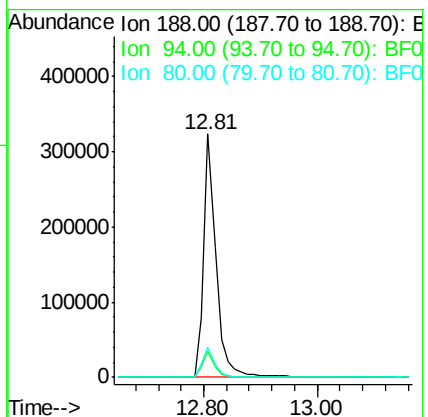
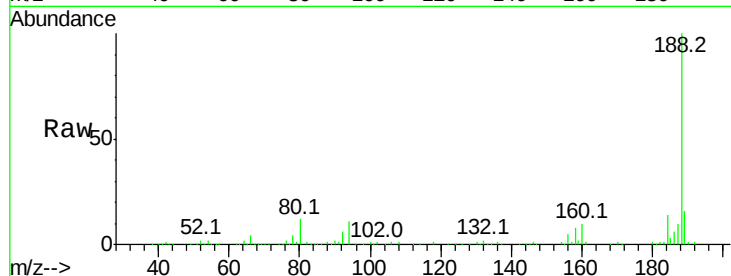




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.81 min Scan# 973
Delta R.T. -0.05 min
Lab File: BF083564.D
Acq: 7 Dec 2015 18:59

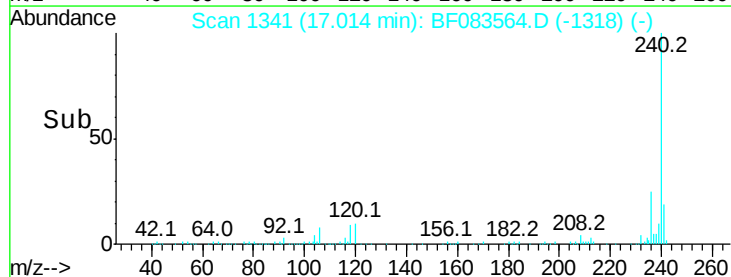
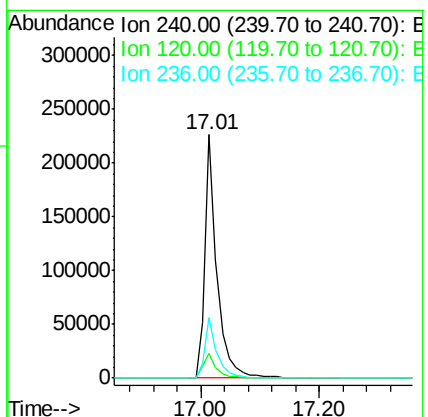
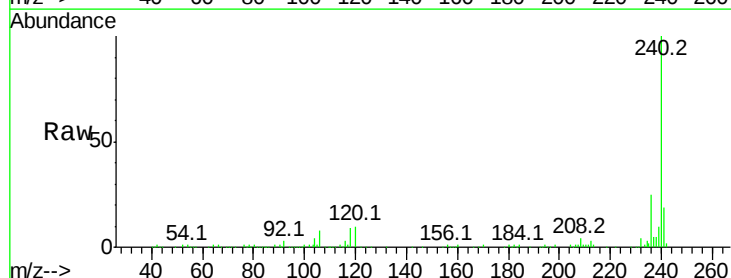
Instrument :
BNA_F
ClientSampleId :
TP1(6-12)

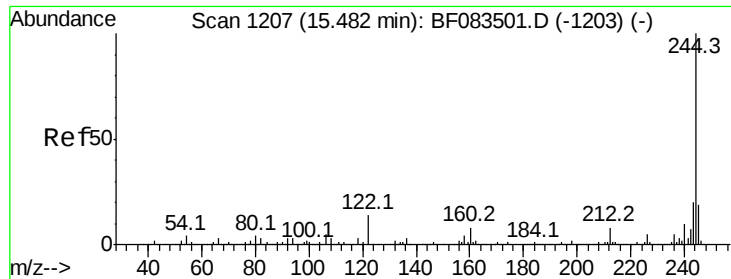
Tot Ion:188 Resp: 473897
Ion Ratio Lower Upper
188 100
94 10.8 9.4 14.2
80 12.4 10.6 16.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.01 min Scan# 1341
Delta R.T. -0.03 min
Lab File: BF083564.D
Acq: 7 Dec 2015 18:59

Tgt Ion:240 Resp: 325318
Ion Ratio Lower Upper
240 100
120 9.9 8.1 12.1
236 25.0 20.8 31.2





#78

Terphenyl-d14

Concen: 4.02 ng

RT: 15.44 min Scan# 1203

Delta R.T. -0.05 min

Lab File: BF083564.D

Acq: 7 Dec 2015 18:59

Instrument :

BNA_F

ClientSampleId :

TP1(6-12)

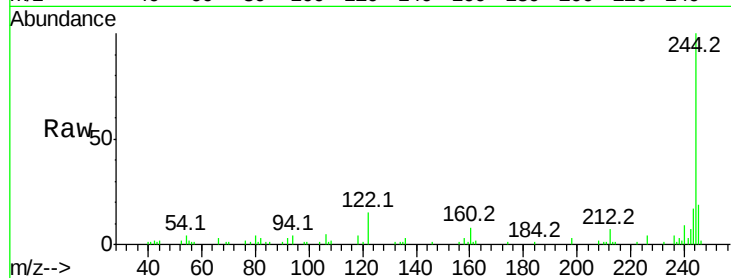
Tot Ion:244 Resp: 58790

Ion Ratio Lower Upper

244 100

212 6.9 6.1 9.1

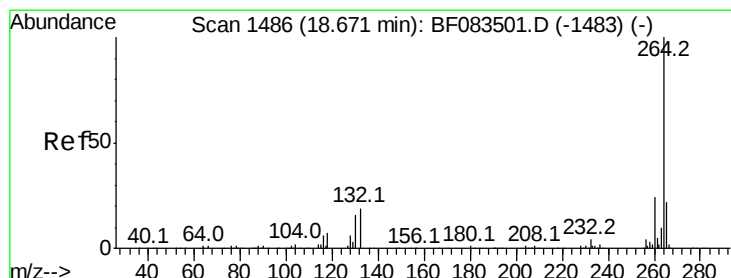
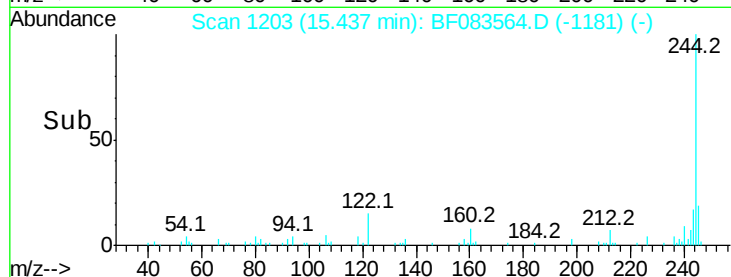
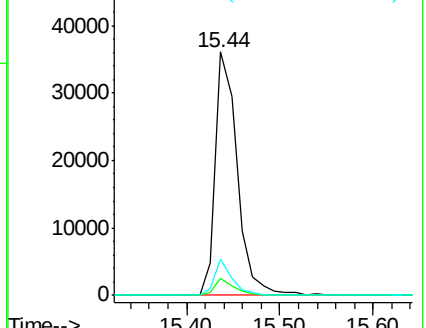
122 14.8 11.0 16.6



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

Perylene-d12

Concen: 20.00 ng

RT: 18.65 min Scan# 1484

Delta R.T. -0.02 min

Lab File: BF083564.D

Acq: 7 Dec 2015 18:59

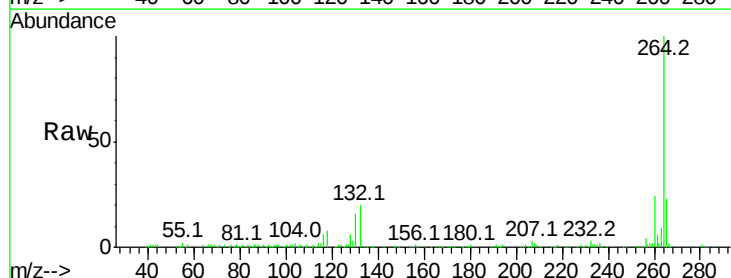
Tgt Ion:264 Resp: 292801

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.0

265 22.9 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

