

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
 Data File : BF083520.D
 Acq On : 5 Dec 2015 22:18
 Operator : UM/IZ
 Sample : G4588-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-17

Quant Time: Dec 07 02:09:52 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	5.77	152	159951	20.00	ng	0.00
21) Naphthalene-d8	7.66	136	617312	20.00	ng	-0.01
38) Acenaphthene-d10	10.45	164	307549	20.00	ng	-0.01
63) Phenanthrene-d10	12.85	188	558618	20.00	ng	0.00
75) Chrysene-d12	17.05	240	483650	20.00	ng	0.00
86) Perylene-d12	18.67	264	359849	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.03	112	610378	57.89	ng	0.00
7) Phenol-d6	5.32	99	553056	38.07	ng	0.00
23) Nitrobenzene-d5	6.59	82	1063363	80.52	ng	-0.01
41) 2,4,6-Tribromophenol	11.74	330	382068	134.67	ng	-0.01
44) 2-Fluorobiphenyl	9.41	172	1828117	80.62	ng	-0.01
78) Terphenyl-d14	15.49	244	1709690	78.66	ng	0.01

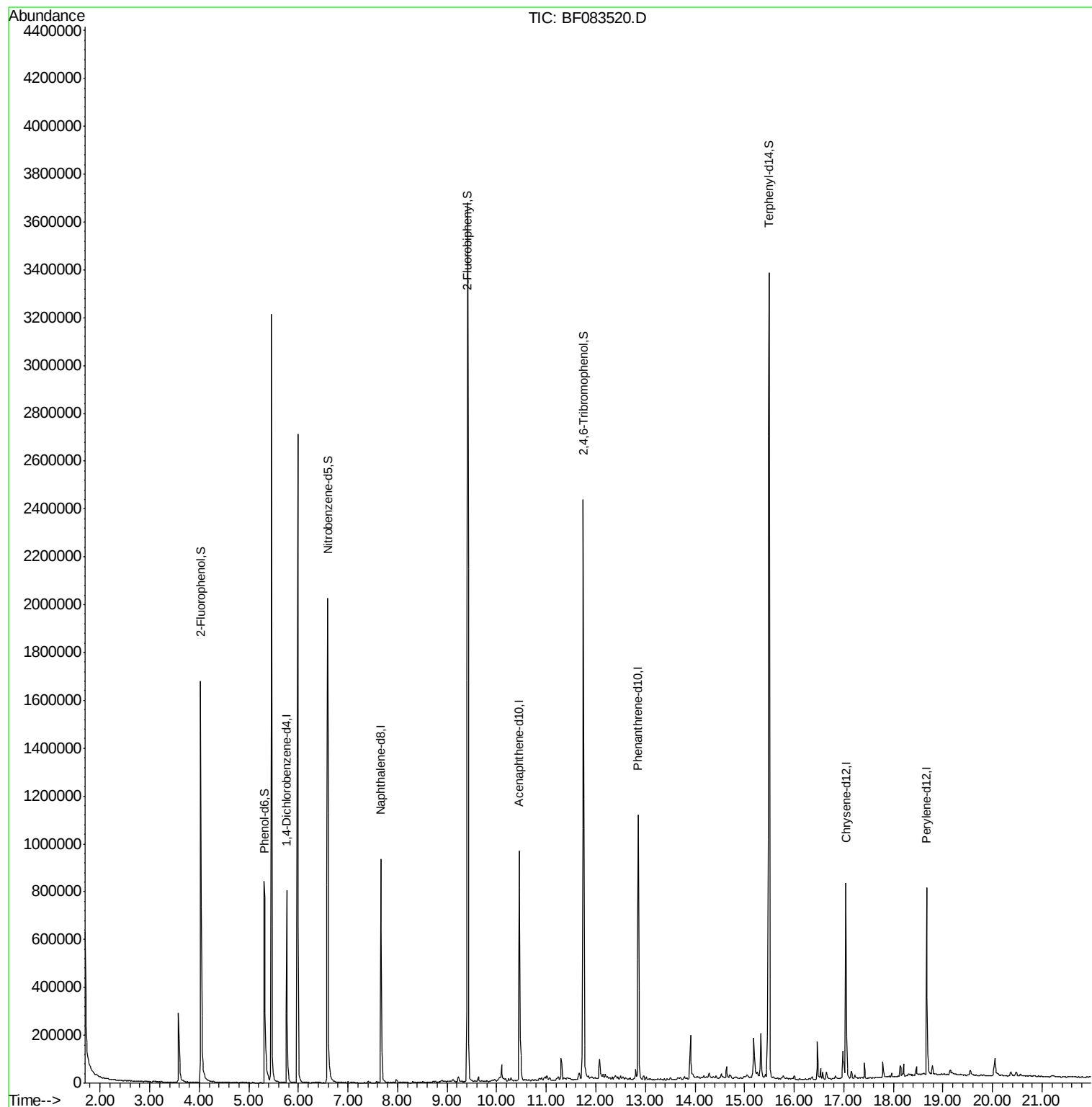
Target Compounds Qvalue

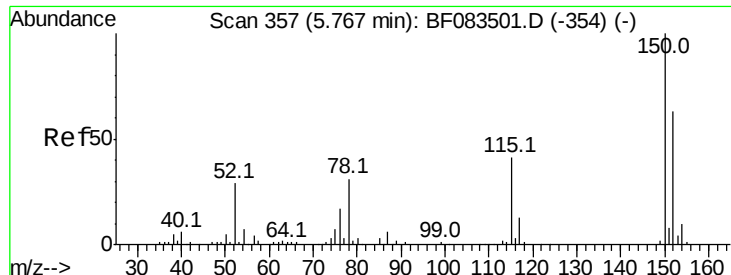
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.77 min Scan# 357

Delta R.T. 0.00 min

Lab File: BF083520.D

Acq: 5 Dec 2015 22:18

Instrument :

BNA_F

ClientSampled :

MW-17

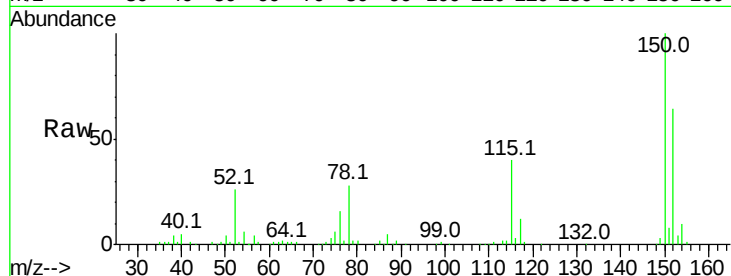
Tot Ion:152 Resp: 159951

Ion Ratio Lower Upper

152 100

150 155.5 126.5 189.7

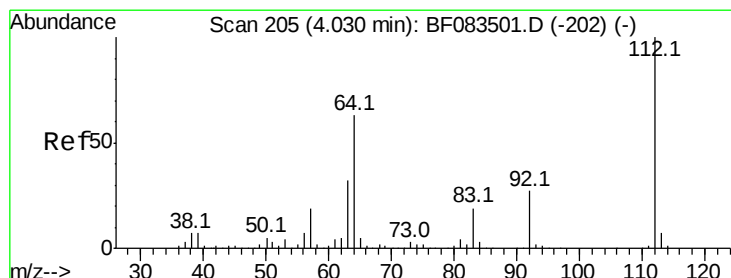
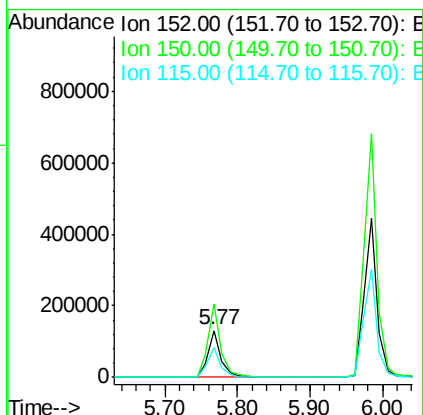
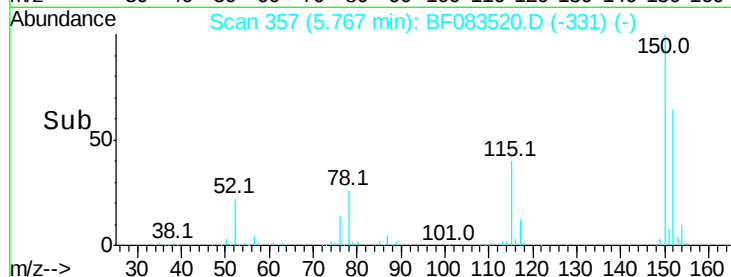
115 63.0 52.3 78.5



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: 57.89 ng

RT: 4.03 min Scan# 205

Delta R.T. 0.00 min

Lab File: BF083520.D

Acq: 5 Dec 2015 22:18

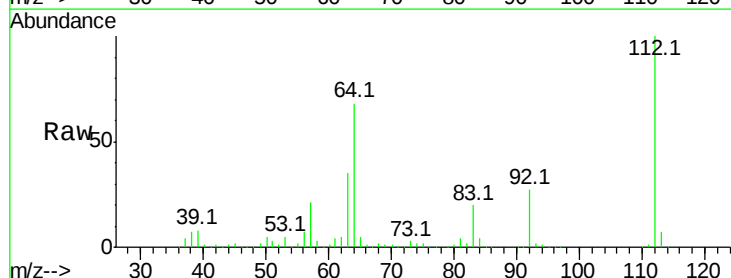
Tgt Ion:112 Resp: 610378

Ion Ratio Lower Upper

112 100

64 67.8 50.5 75.7

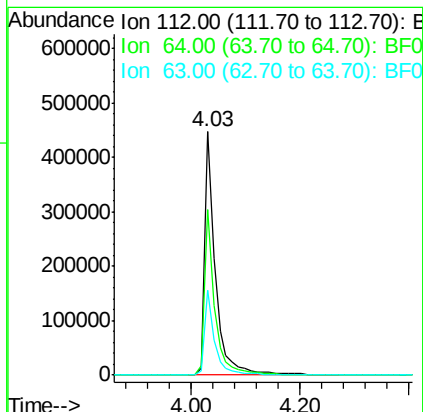
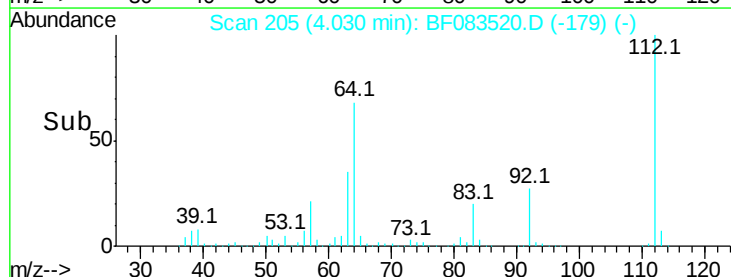
63 34.9 25.8 38.6

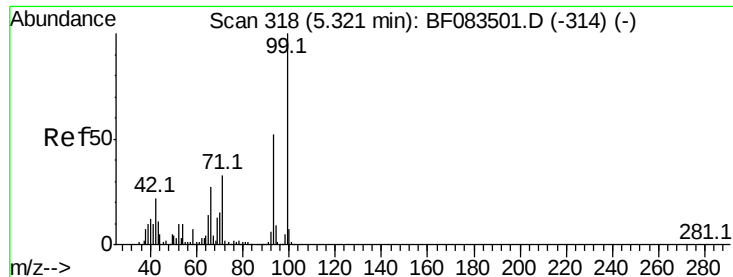


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 38.07 ng

RT: 5.32 min Scan# 318

Delta R.T. 0.00 min

Lab File: BF083520.D

Acq: 5 Dec 2015 22:18

Instrument :

BNA_F

ClientSampleId :

MW-17

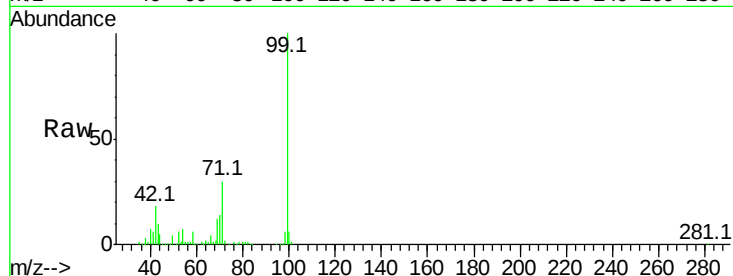
Tot Ion: 99 Resp: 553056

Ion Ratio Lower Upper

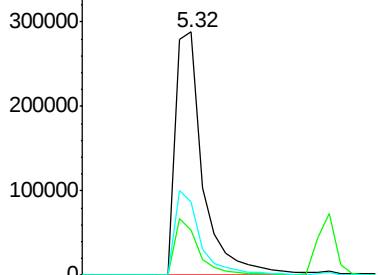
99 100

42 18.4 17.3 25.9

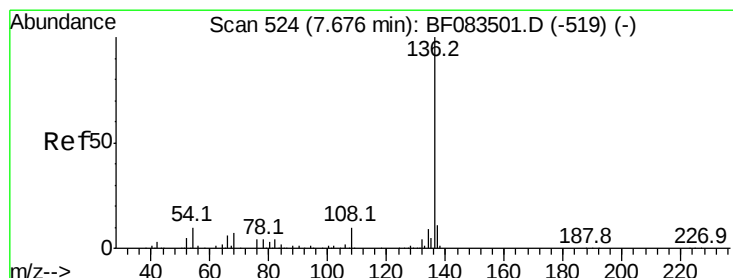
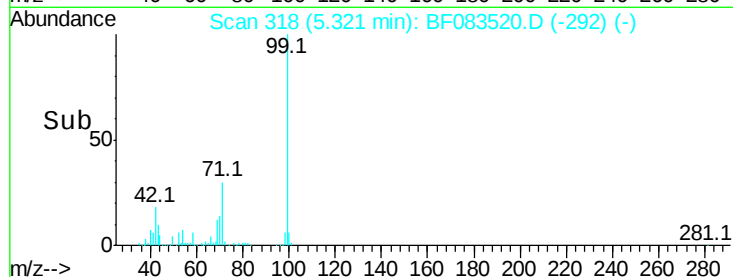
71 29.9 26.6 40.0



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



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.66 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF083520.D

Acq: 5 Dec 2015 22:18

Tgt Ion: 136 Resp: 617312

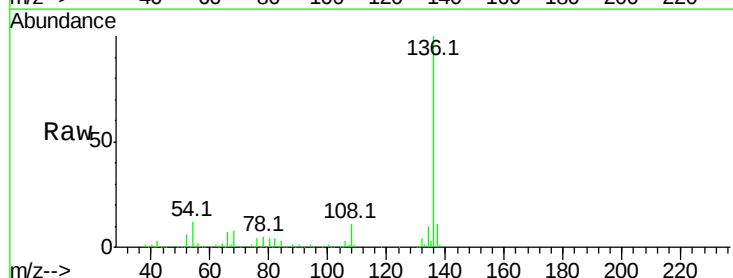
Ion Ratio Lower Upper

136 100

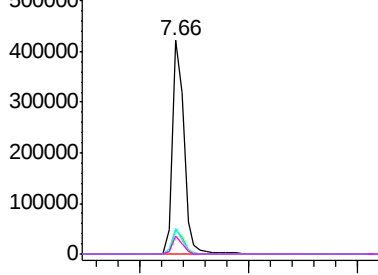
137 11.2 8.7 13.1

54 11.9 7.8 11.6#

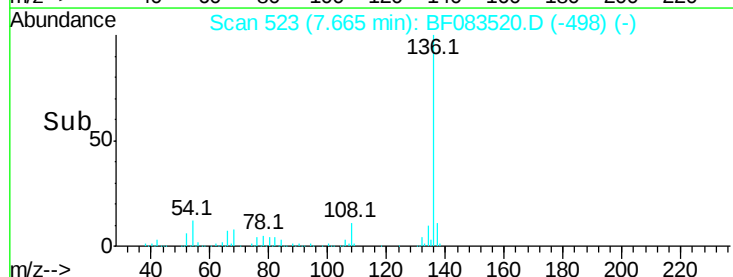
68 8.2 5.7 8.5

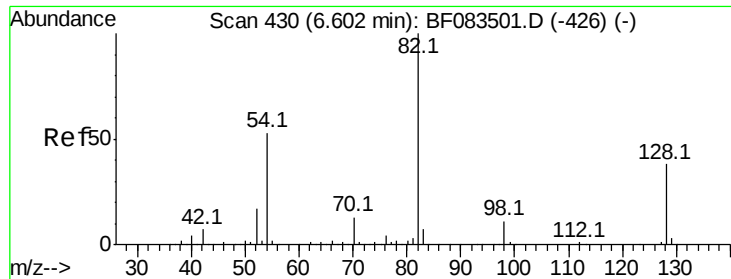


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0



Time-->

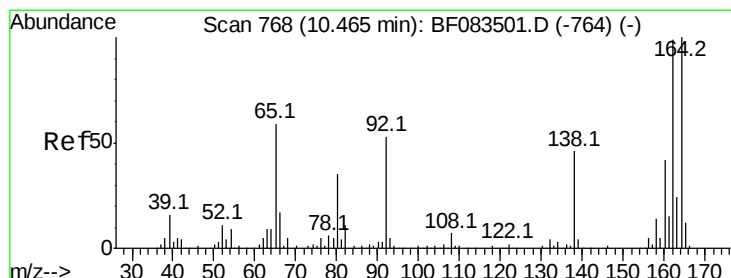
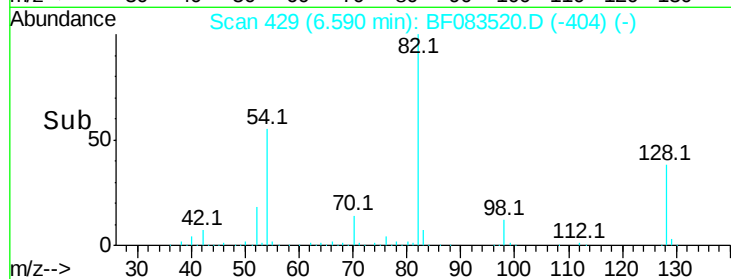
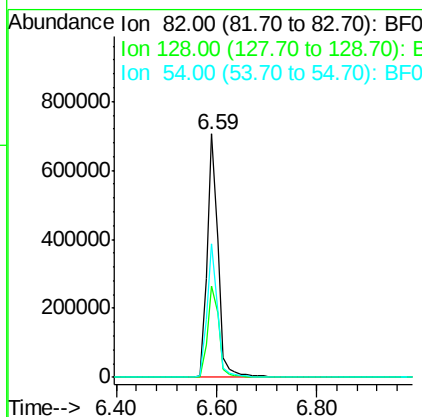
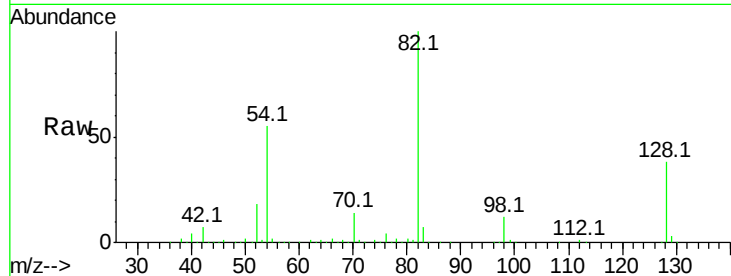




#23
 Nitrobenzene-d5
 Concen: 80.52 ng
 RT: 6.59 min Scan# 429
 Delta R.T. -0.01 min
 Lab File: BF083520.D
 Acq: 5 Dec 2015 22:18

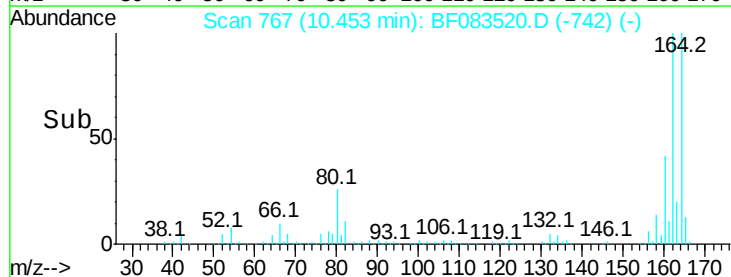
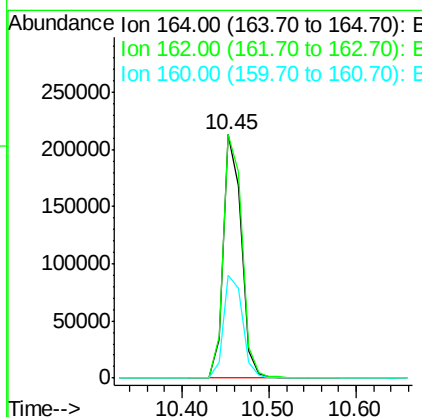
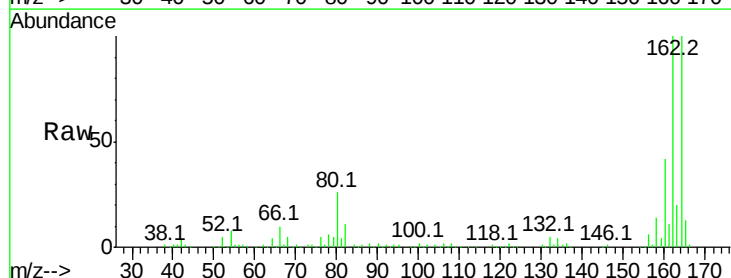
Instrument :
 BNA_F
 ClientSampleId :
 MW-17

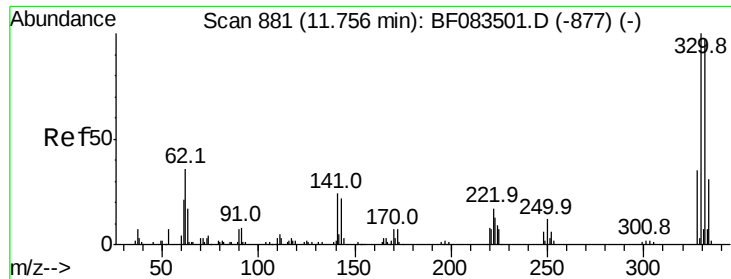
Tot Ion: 82 Resp: 1063363
 Ion Ratio Lower Upper
 82 100
 128 37.6 30.7 46.1
 54 54.8 42.5 63.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.45 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: BF083520.D
 Acq: 5 Dec 2015 22:18

Tgt Ion:164 Resp: 307549
 Ion Ratio Lower Upper
 164 100
 162 100.2 78.8 118.2
 160 42.1 33.4 50.2

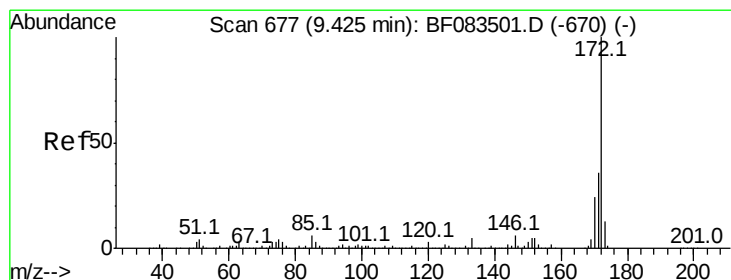
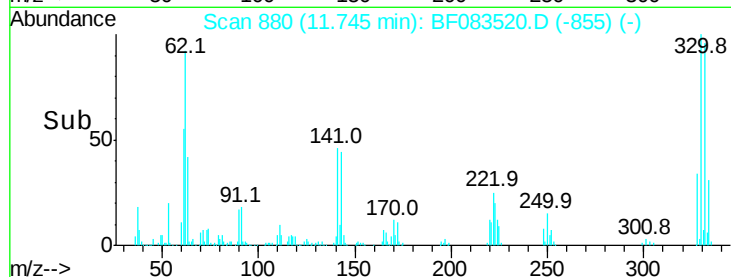
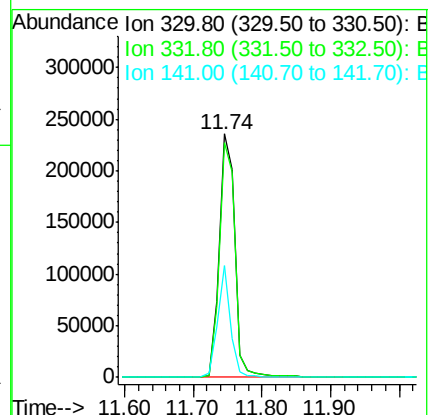
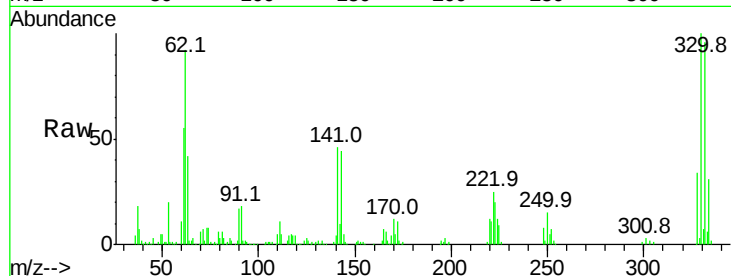




#41
 2,4,6-Tribromophenol
 Concen: 134.67 ng
 RT: 11.74 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF083520.D
 Acq: 5 Dec 2015 22:18

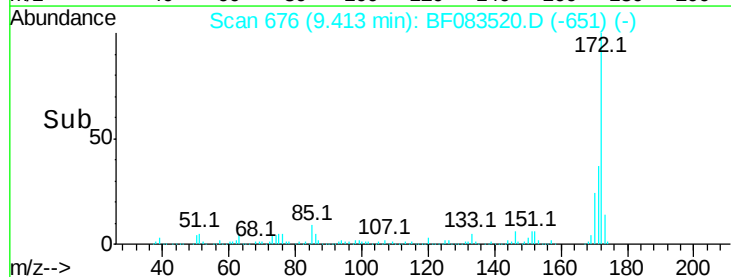
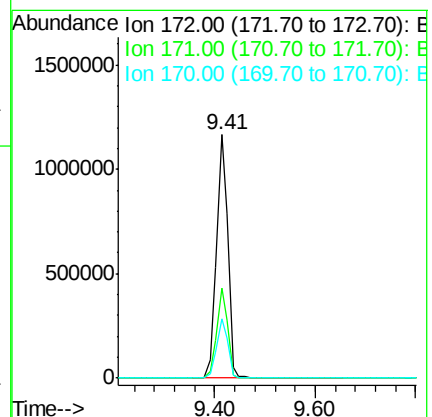
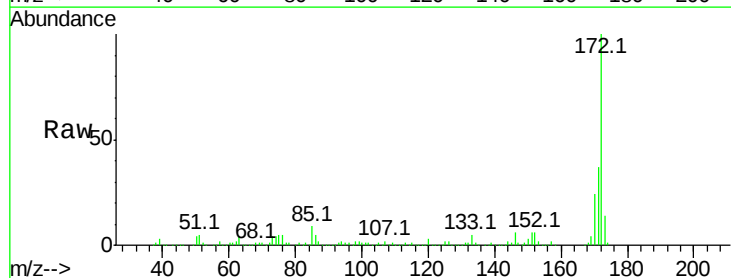
Instrument :
 BNA_F
 ClientSampleId :
 MW-17

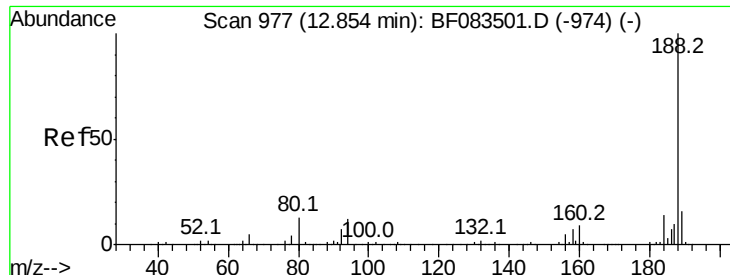
Tot Ion:330 Resp: 382068
 Ion Ratio Lower Upper
 330 100
 332 97.0 0.0 0.0#
 141 37.8 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 80.62 ng
 RT: 9.41 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF083520.D
 Acq: 5 Dec 2015 22:18

Tgt Ion:172 Resp: 1828117
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.6 42.8
 170 24.1 19.4 29.0

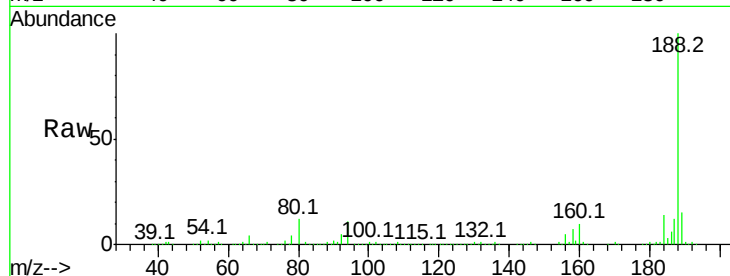




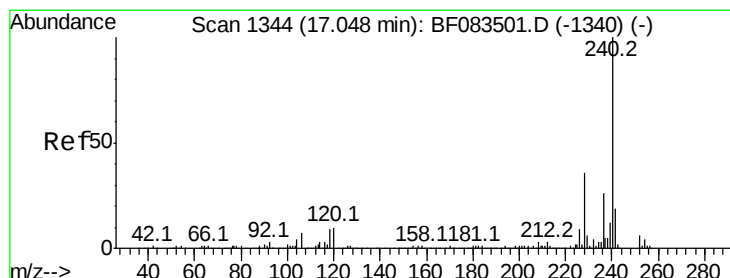
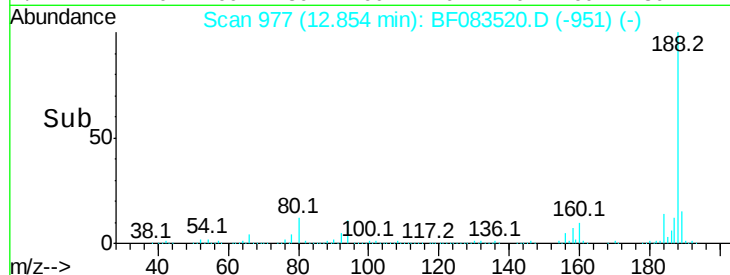
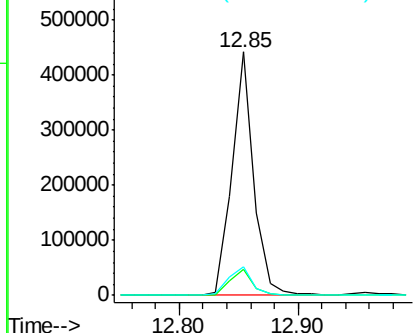
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.85 min Scan# 977
Delta R.T. 0.00 min
Lab File: BF083520.D
Acq: 5 Dec 2015 22:18

Instrument :
BNA_F
ClientSampleId :
MW-17

Tot Ion:188 Resp: 558618
Ion Ratio Lower Upper
188 100
94 10.6 9.4 14.2
80 11.8 10.6 16.0

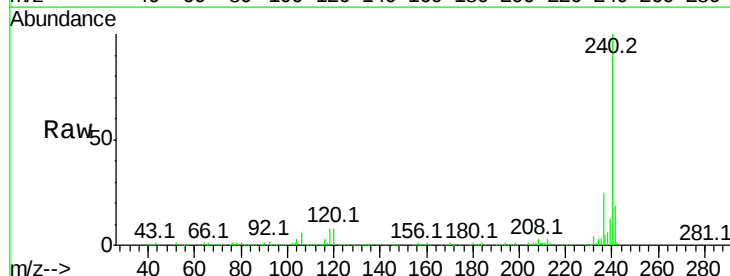


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

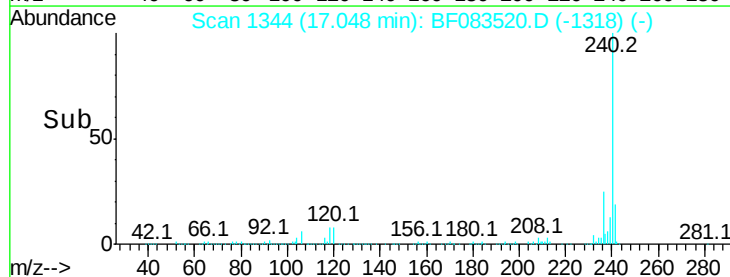
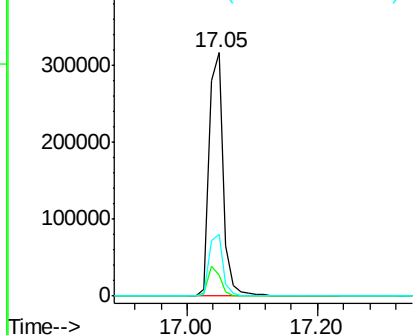


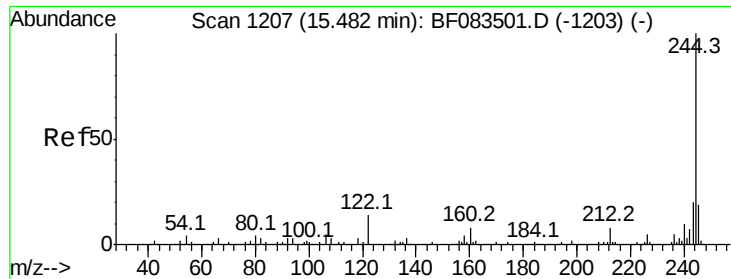
#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.05 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BF083520.D
Acq: 5 Dec 2015 22:18

Tgt Ion:240 Resp: 483650
Ion Ratio Lower Upper
240 100
120 8.5 8.1 12.1
236 25.4 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: 78.66 ng

RT: 15.49 min Scan# 1208

Delta R.T. 0.01 min

Lab File: BF083520.D

Acq: 5 Dec 2015 22:18

Instrument :

BNA_F

ClientSampleId :

MW-17

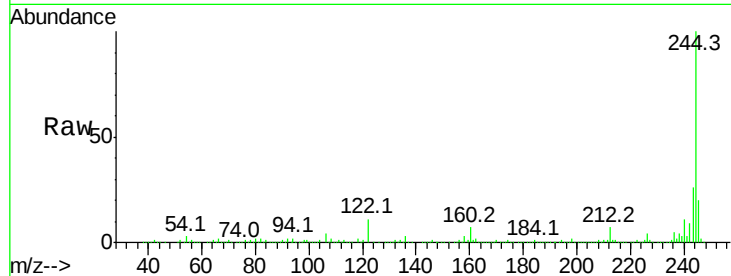
Tot Ion:244 Resp: 1709690

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

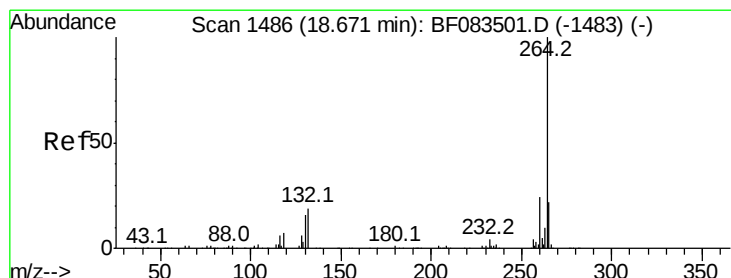
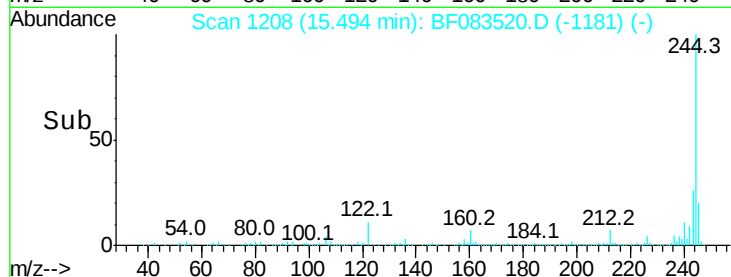
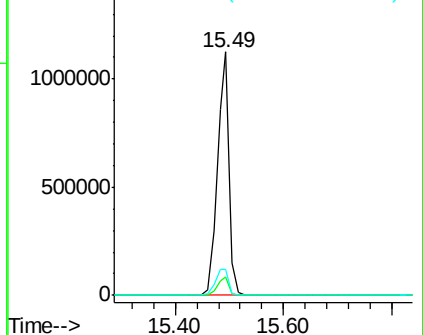
122 10.6 11.0 16.6#



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: 18.67 min Scan# 1486

Delta R.T. 0.00 min

Lab File: BF083520.D

Acq: 5 Dec 2015 22:18

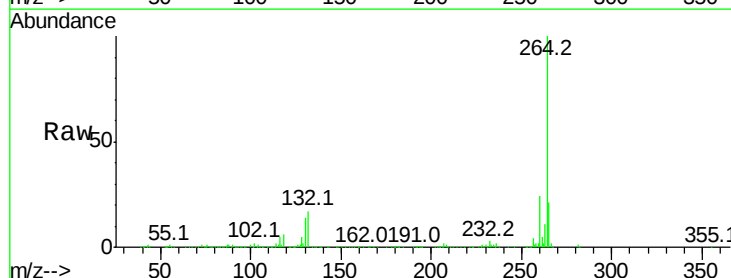
Tgt Ion:264 Resp: 359849

Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.0

265 20.9 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

