

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
 Data File : BF083517.D
 Acq On : 5 Dec 2015 16:25
 Operator : UM/IZ
 Sample : G4588-14
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-24

Quant Time: Dec 07 01:49:21 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	145372	20.00	ng	0.00
21) Naphthalene-d8	7.66	136	564586	20.00	ng	-0.01
38) Acenaphthene-d10	10.45	164	274865	20.00	ng	-0.01
63) Phenanthrene-d10	12.85	188	499925	20.00	ng	0.00
75) Chrysene-d12	17.04	240	387349	20.00	ng	-0.01
86) Perylene-d12	18.67	264	313920	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.03	112	560542	58.50	ng	0.00
7) Phenol-d6	5.32	99	506073	38.33	ng	0.00
23) Nitrobenzene-d5	6.59	82	953885	78.98	ng	-0.01
41) 2,4,6-Tribromophenol	11.75	330	294341	116.09	ng	-0.01
44) 2-Fluorobiphenyl	9.41	172	1484851	73.27	ng	-0.01
78) Terphenyl-d14	15.48	244	1227532	70.52	ng	0.00

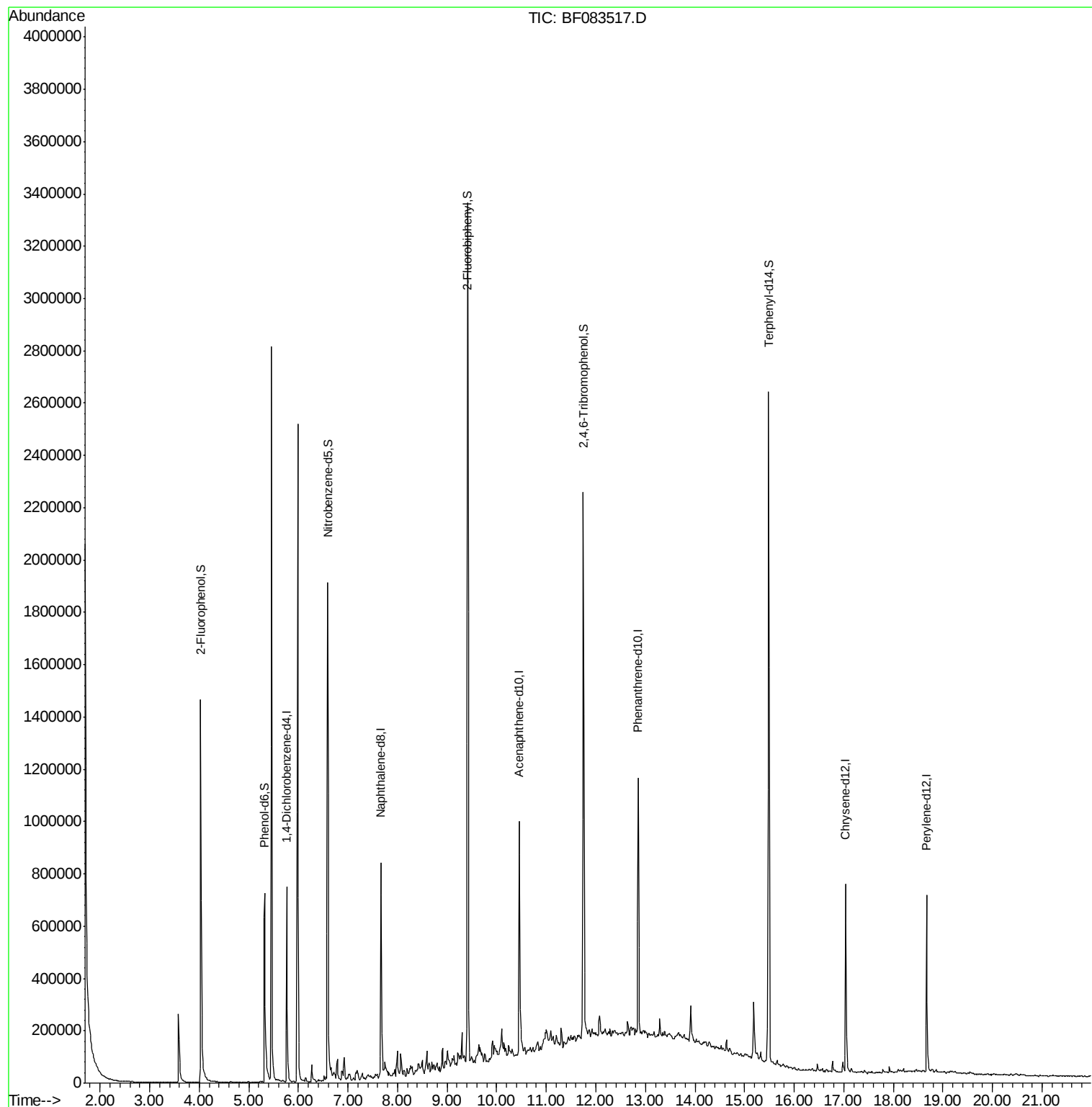
Target Compounds Qvalue

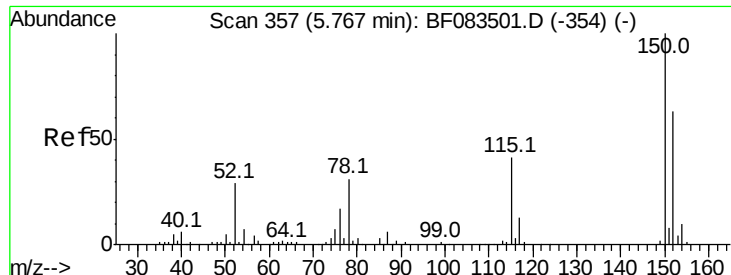
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF083517.D

Acq: 5 Dec 2015 16:25

Instrument :

BNA_F

ClientSampleId :

MW-24

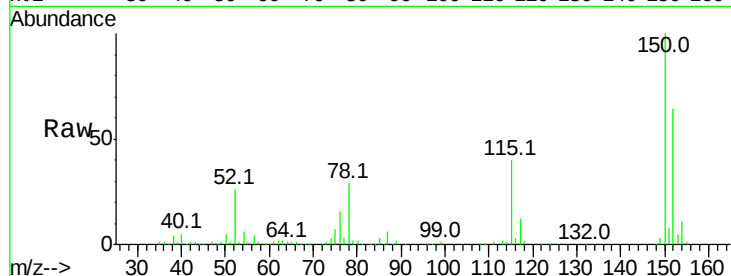
Tot Ion:152 Resp: 145372

Ion Ratio Lower Upper

152 100

150 157.0 126.5 189.7

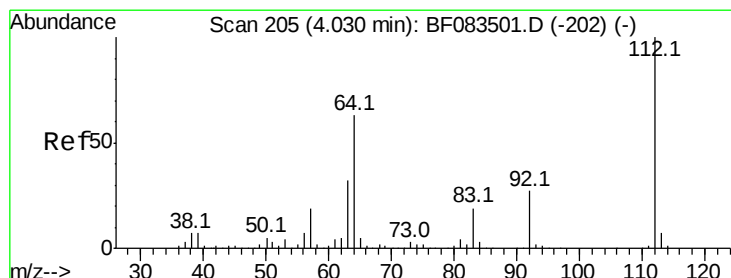
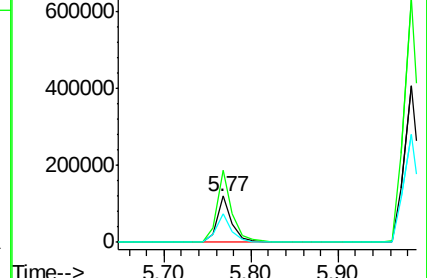
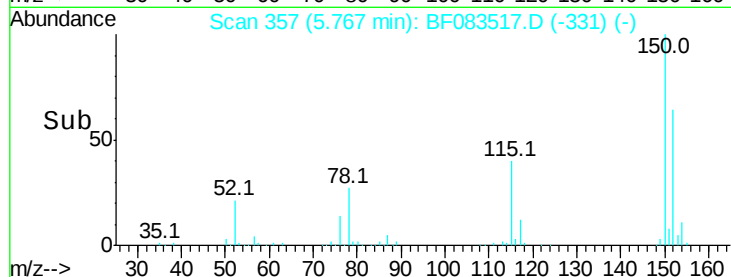
115 63.2 52.3 78.5



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: 58.50 ng

RT: 4.03 min Scan# 205

Delta R.T. 0.00 min

Lab File: BF083517.D

Acq: 5 Dec 2015 16:25

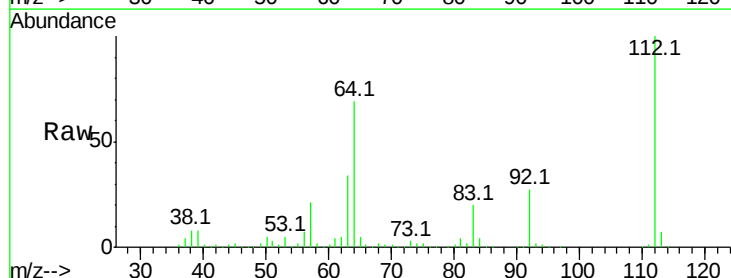
Tgt Ion:112 Resp: 560542

Ion Ratio Lower Upper

112 100

64 68.7 50.5 75.7

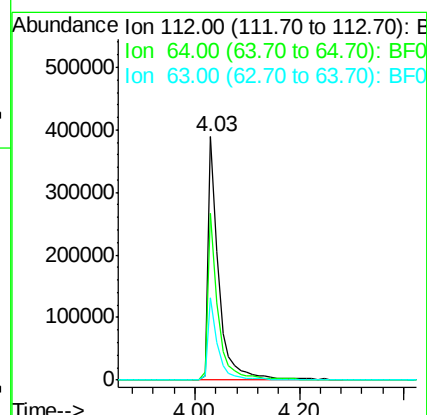
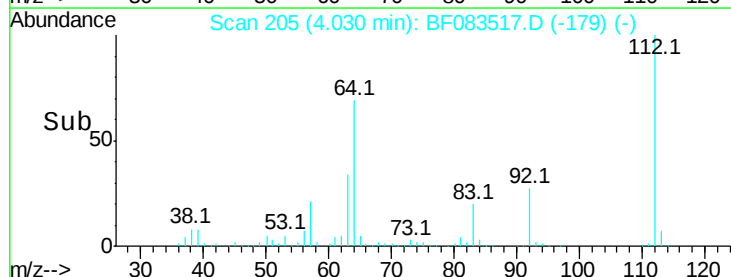
63 33.8 25.8 38.6

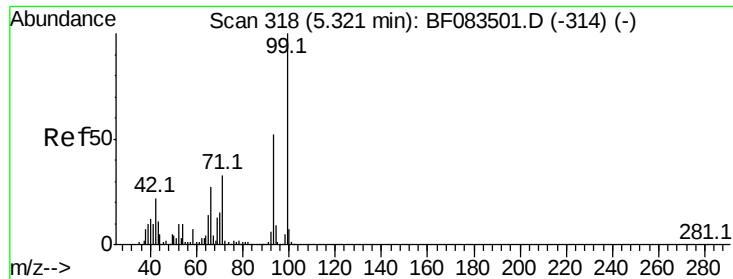


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 38.33 ng

RT: 5.32 min Scan# 318

Delta R.T. 0.00 min

Lab File: BF083517.D

Acq: 5 Dec 2015 16:25

Instrument :

BNA_F

ClientSampleId :

MW-24

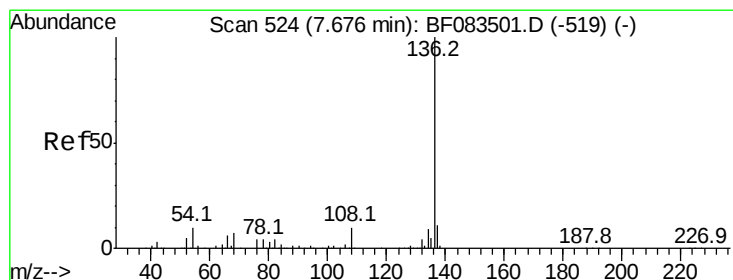
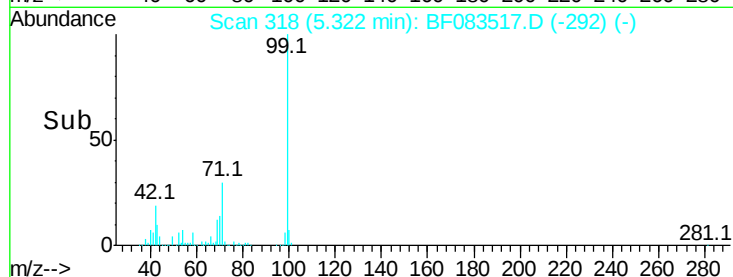
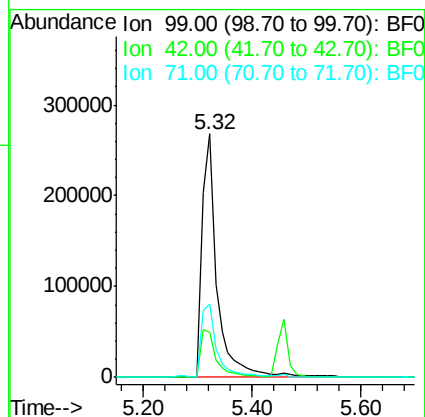
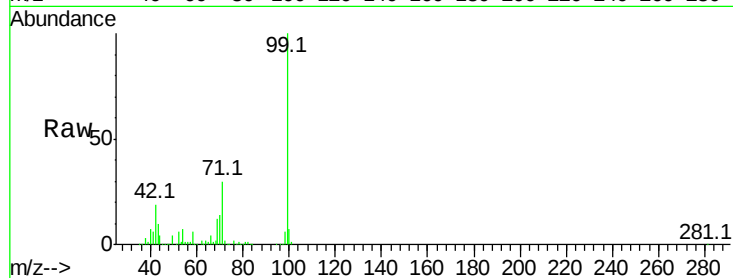
Tot Ion: 99 Resp: 506073

Ion Ratio Lower Upper

99 100

42 18.8 17.3 25.9

71 30.4 26.6 40.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.66 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF083517.D

Acq: 5 Dec 2015 16:25

Tgt Ion: 136 Resp: 564586

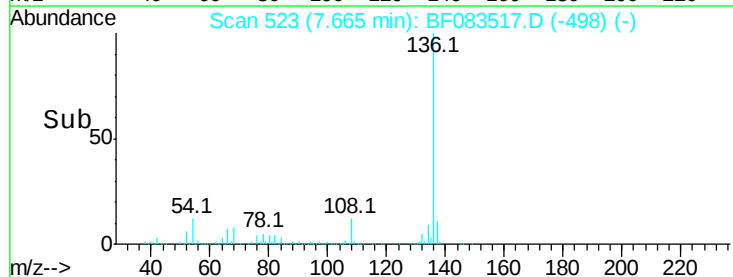
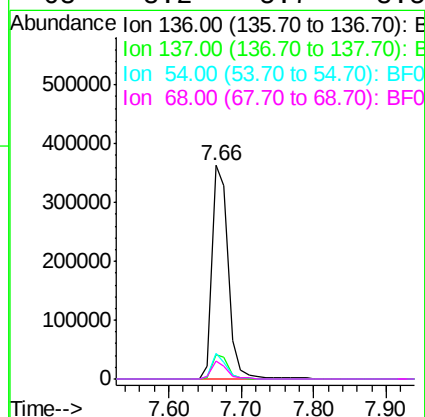
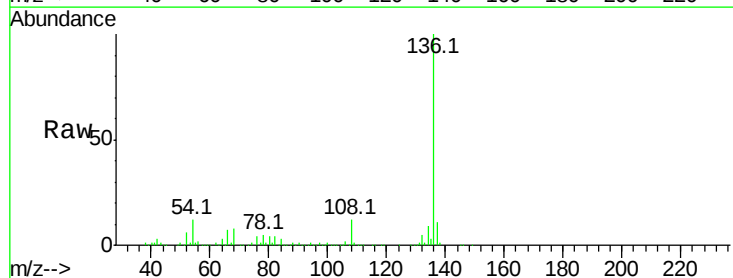
Ion Ratio Lower Upper

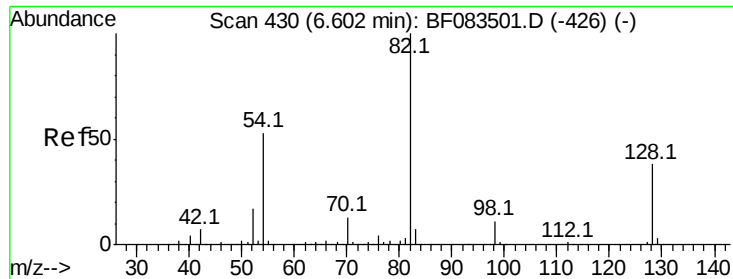
136 100

137 11.4 8.7 13.1

54 12.1 7.8 11.6#

68 8.2 5.7 8.5

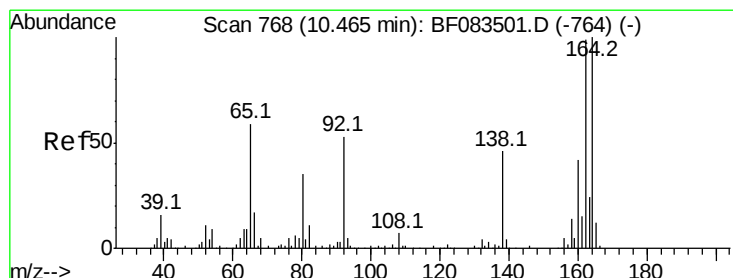
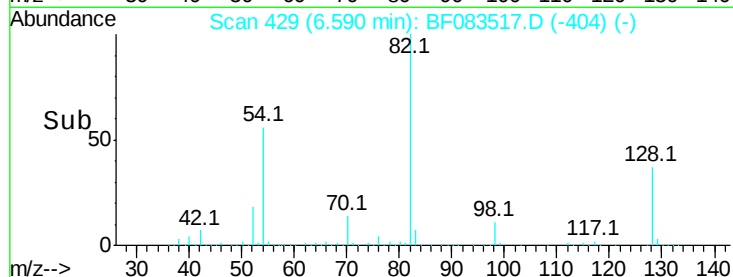
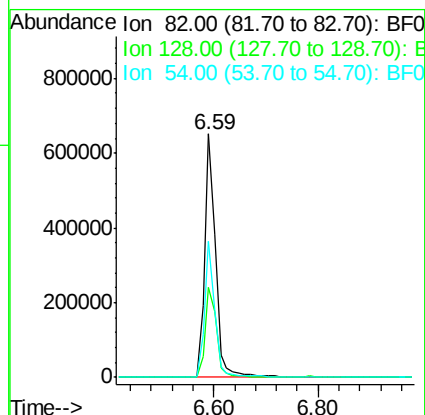
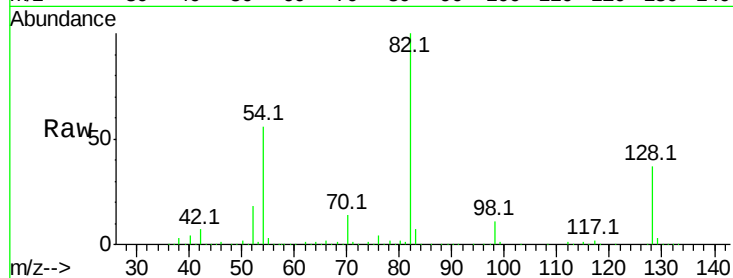




#23
 Nitrobenzene-d5
 Concen: 78.98 ng
 RT: 6.59 min Scan# 429
 Delta R.T. -0.01 min
 Lab File: BF083517.D
 Acq: 5 Dec 2015 16:25

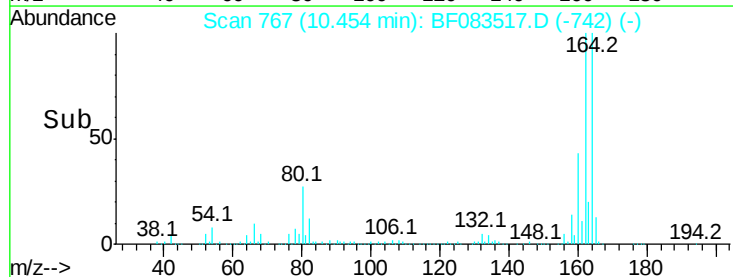
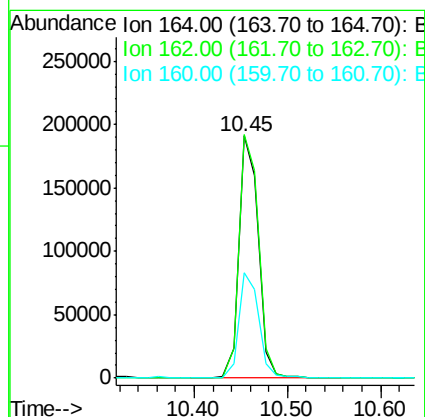
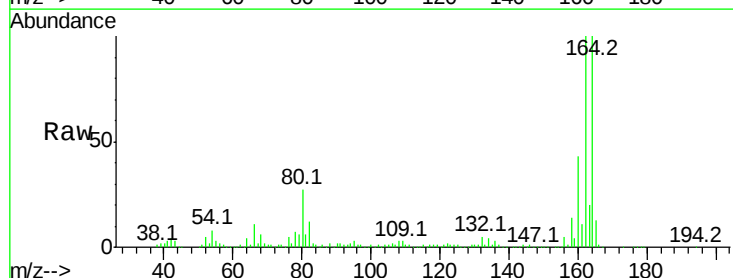
Instrument :
 BNA_F
 ClientSampleId :
 MW-24

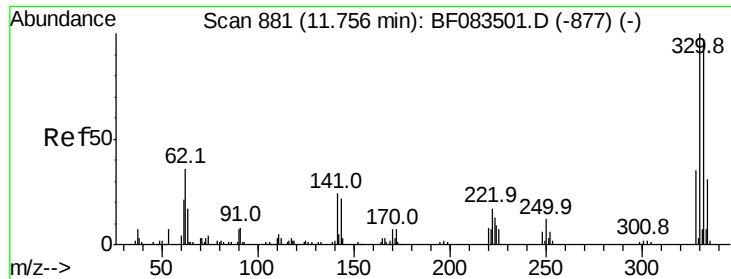
Tot Ion: 82 Resp: 953885
 Ion Ratio Lower Upper
 82 100
 128 37.2 30.7 46.1
 54 55.7 42.5 63.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.45 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: BF083517.D
 Acq: 5 Dec 2015 16:25

Tgt Ion: 164 Resp: 274865
 Ion Ratio Lower Upper
 164 100
 162 100.5 78.8 118.2
 160 43.3 33.4 50.2

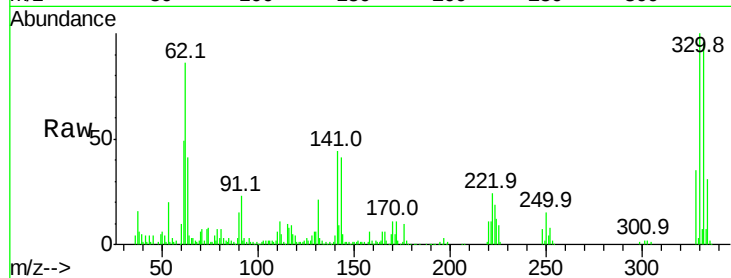




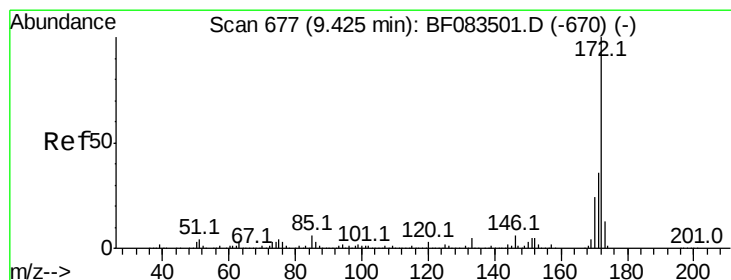
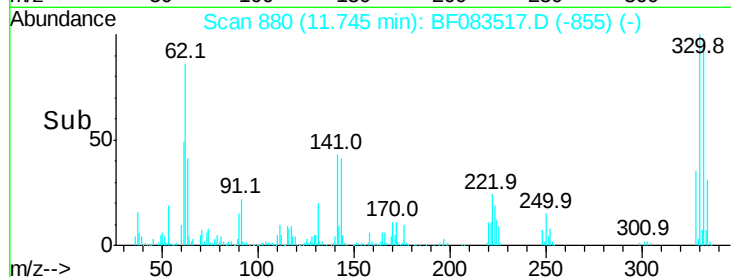
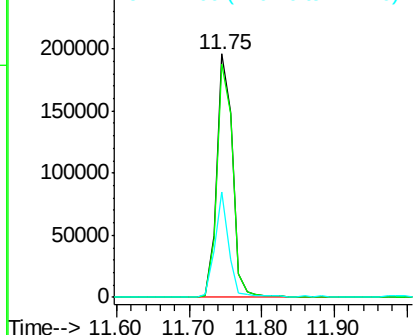
#41
 2,4,6-Tribromophenol
 Concen: 116.09 ng
 RT: 11.75 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF083517.D
 Acq: 5 Dec 2015 16:25

Instrument :
 BNA_F
 ClientSampleId :
 MW-24

Tot Ion:330 Resp: 294341
 Ion Ratio Lower Upper
 330 100
 332 96.7 0.0 0.0#
 141 37.7 0.0 0.0#

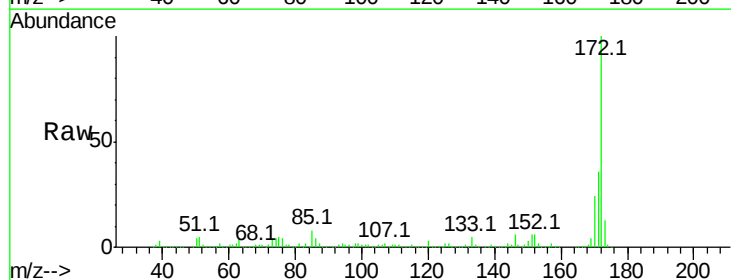


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

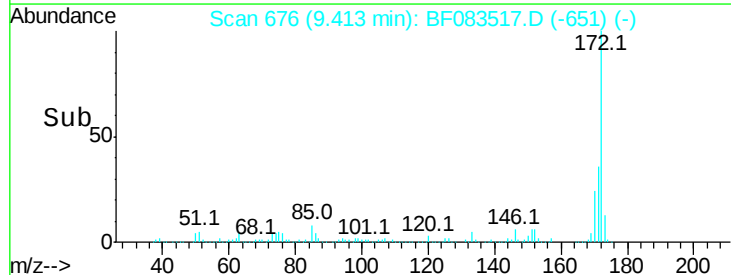
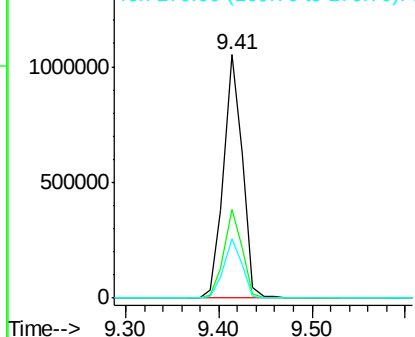


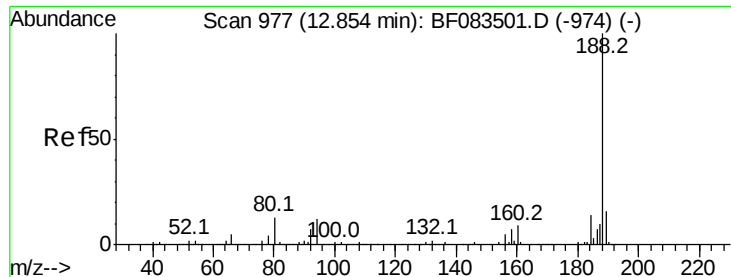
#44
 2-Fluorobiphenyl
 Concen: 73.27 ng
 RT: 9.41 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF083517.D
 Acq: 5 Dec 2015 16:25

Tgt Ion:172 Resp: 1484851
 Ion Ratio Lower Upper
 172 100
 171 36.2 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

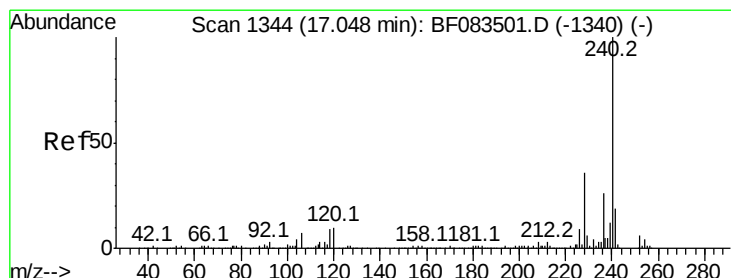
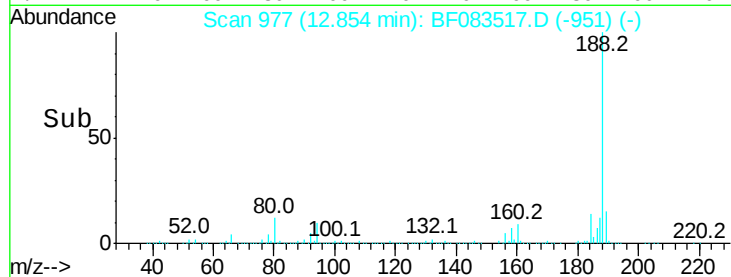
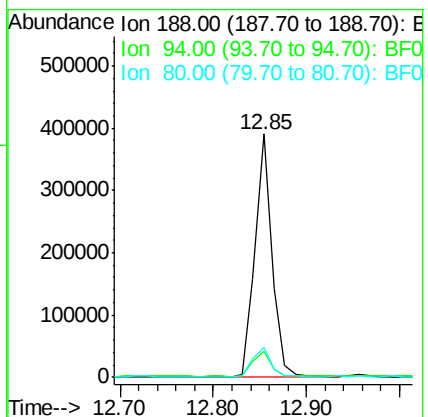
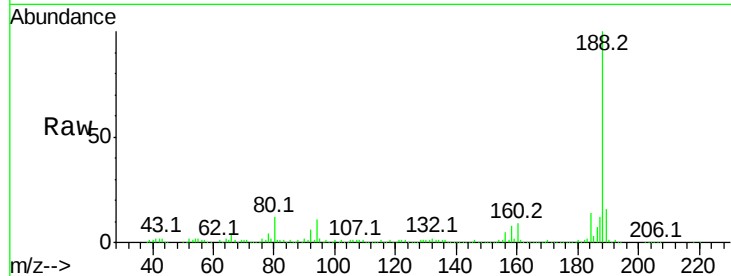




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.85 min Scan# 977
Delta R.T. 0.00 min
Lab File: BF083517.D
Acq: 5 Dec 2015 16:25

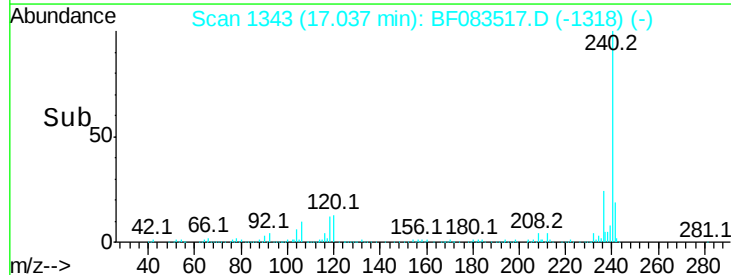
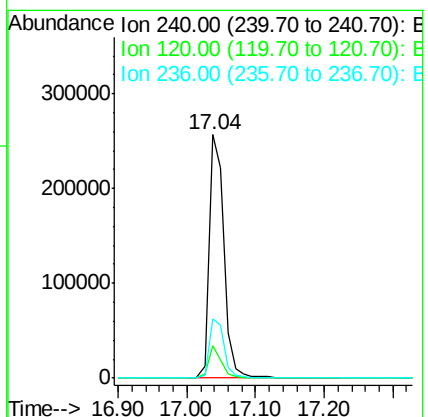
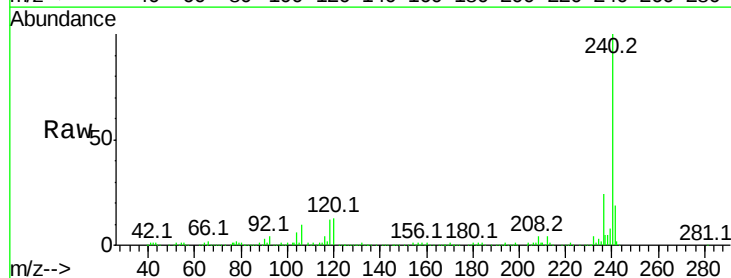
Instrument :
BNA_F
ClientSampleId :
MW-24

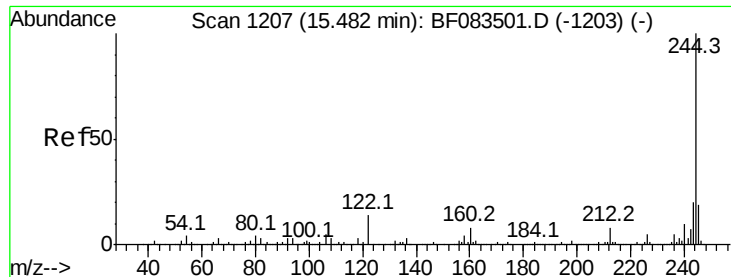
Tot Ion:188 Resp: 499925
Ion Ratio Lower Upper
188 100
94 10.7 9.4 14.2
80 12.2 10.6 16.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.04 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF083517.D
Acq: 5 Dec 2015 16:25

Tgt Ion:240 Resp: 387349
Ion Ratio Lower Upper
240 100
120 13.3 8.1 12.1#
236 24.4 20.8 31.2





#78

Terphenyl-d14

Concen: 70.52 ng

RT: 15.48 min Scan# 1207

Delta R.T. 0.00 min

Lab File: BF083517.D

Acq: 5 Dec 2015 16:25

Instrument :

BNA_F

ClientSampled :

MW-24

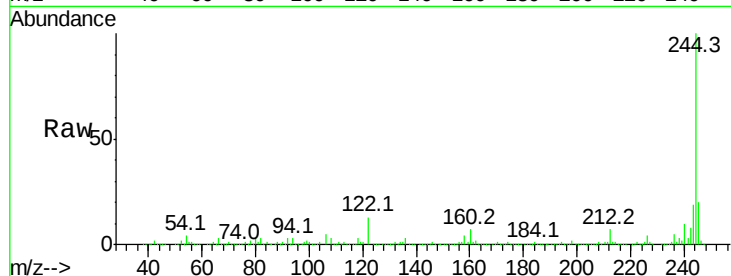
Tot Ion:244 Resp: 1227532

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

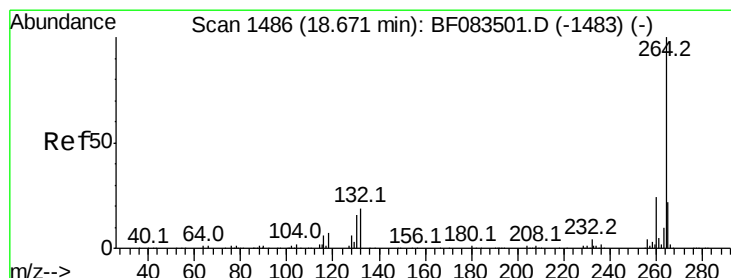
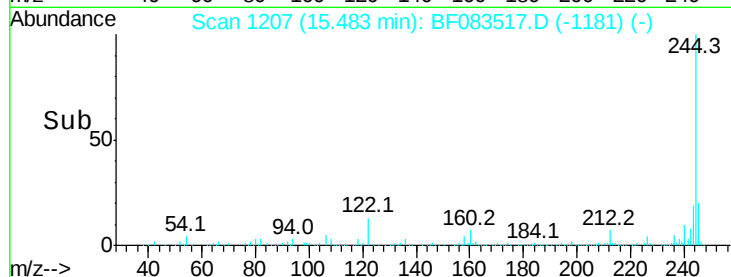
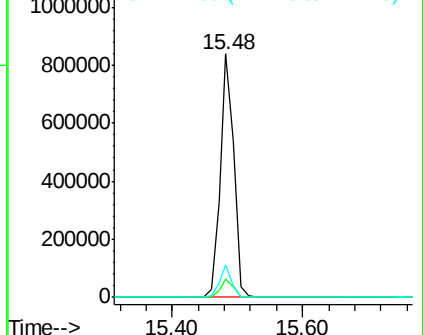
122 13.5 11.0 16.6



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: BF083517.D

Acq: 5 Dec 2015 16:25

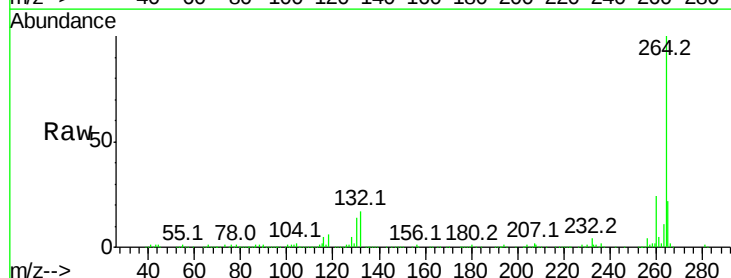
Tgt Ion:264 Resp: 313920

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.0

265 21.6 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

