

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091815\
 Data File : BF081705.D
 Acq On : 18 Sep 2015 19:55
 Operator : UM/IZ
 Sample : G3704-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11-9-15-15

Quant Time: Sep 19 01:36:12 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 14:03:59 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	44608	20.00	ng	-0.06
21) Naphthalene-d8	11.06	136	171702	20.00	ng	-0.06
38) Acenaphthene-d10	15.19	164	84133	20.00	ng	-0.07
63) Phenanthrene-d10	18.70	188	174670	20.00	ng	-0.06
75) Chrysene-d12	23.34	240	137655	20.00	ng	-0.04
86) Perylene-d12	24.78	264	96336	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	164924	57.36	ng	-0.03
7) Phenol-d6	7.58	99	134385	35.31	ng	-0.07
23) Nitrobenzene-d5	9.46	82	405043	113.81	ng	-0.07
41) 2,4,6-Tribromophenol	17.10	330	128118	171.02	ng	-0.07
44) 2-Fluorobiphenyl	13.72	172	714877	108.89	ng	-0.06
78) Terphenyl-d14	22.07	244	597960	101.12	ng	-0.04

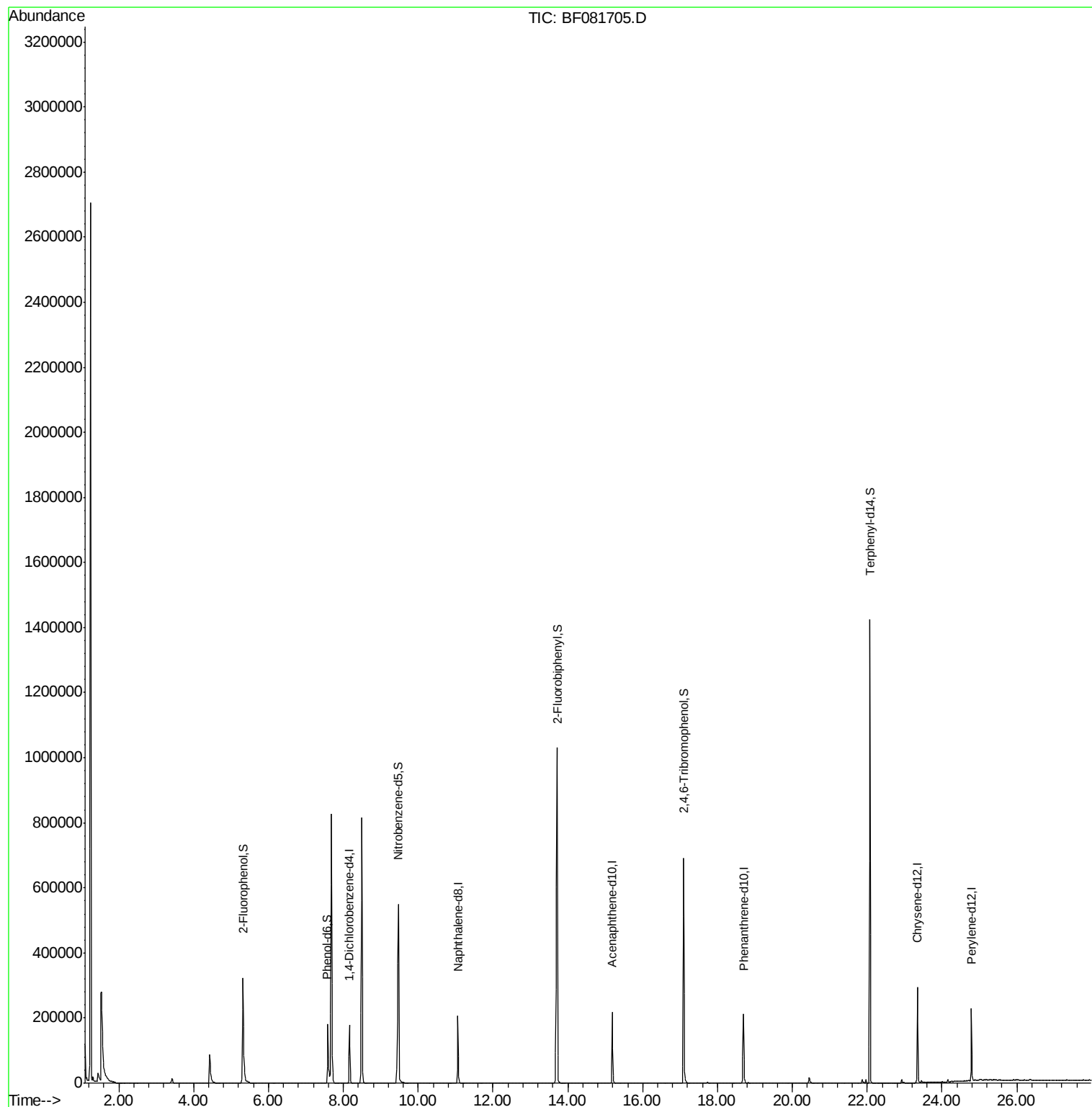
Target Compounds	Qvalue
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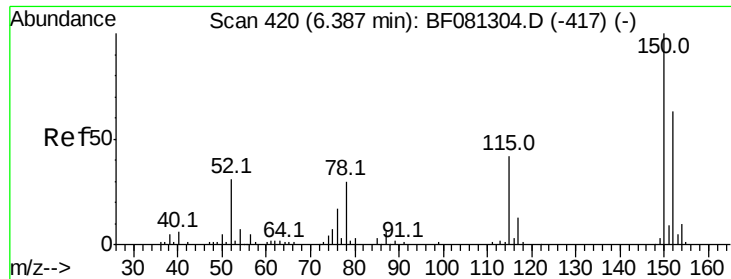
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 619

Delta R.T. -0.06 min

Lab File: BF081705.D

Acq: 18 Sep 2015 19:55

Instrument :

BNA_F

ClientSampleId :

MW-11-9-15-15

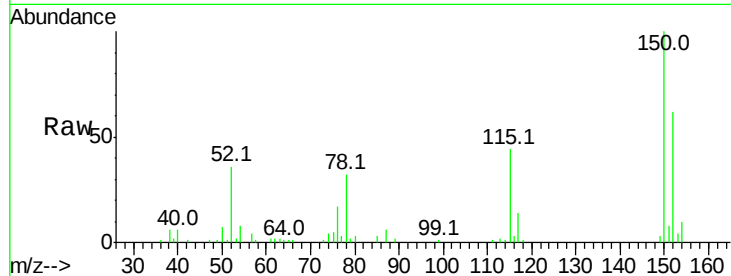
Tgt Ion:152 Resp: 44608

Ion Ratio Lower Upper

152 100

150 160.3 124.7 187.1

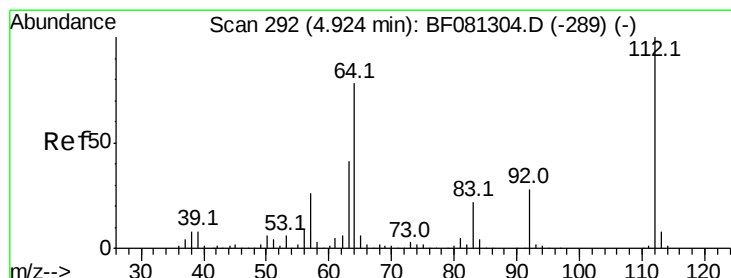
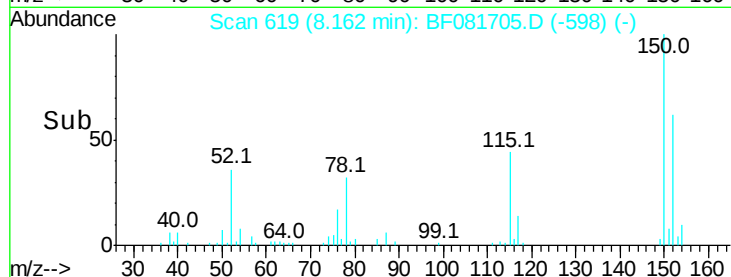
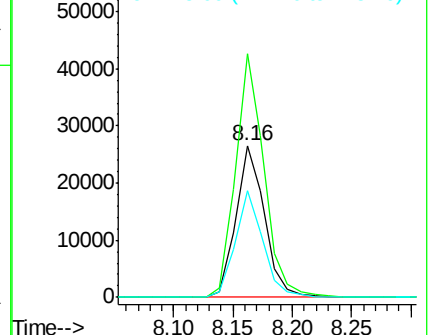
115 69.9 39.0 58.4#



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: 57.36 ng

RT: 5.32 min Scan# 370

Delta R.T. -0.03 min

Lab File: BF081705.D

Acq: 18 Sep 2015 19:55

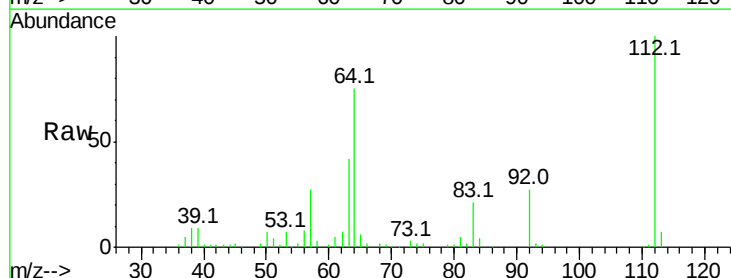
Tgt Ion:112 Resp: 164924

Ion Ratio Lower Upper

112 100

64 74.7 39.7 59.5#

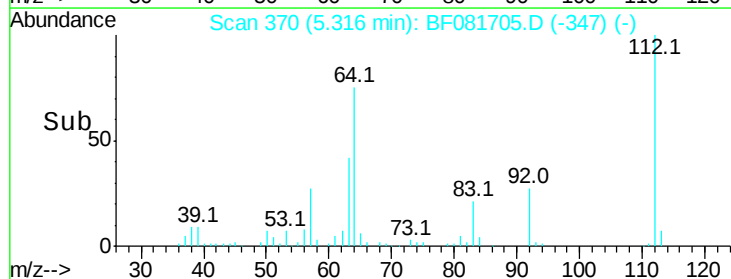
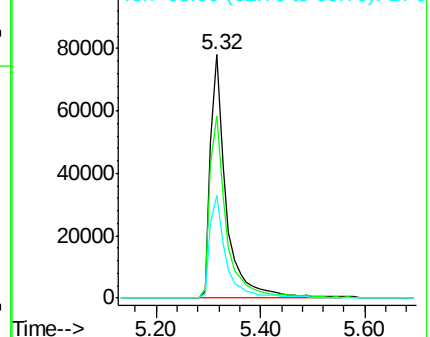
63 42.1 17.4 26.0#

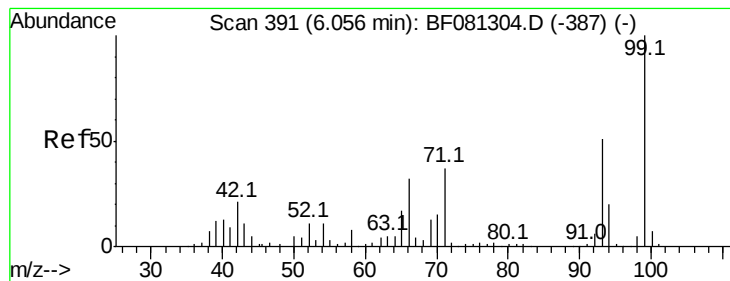


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 35.31 ng

RT: 7.58 min Scan# 568

Delta R.T. -0.07 min

Lab File: BF081705.D

Acq: 18 Sep 2015 19:55

Instrument :

BNA_F

ClientSampleId :

MW-11-9-15-15

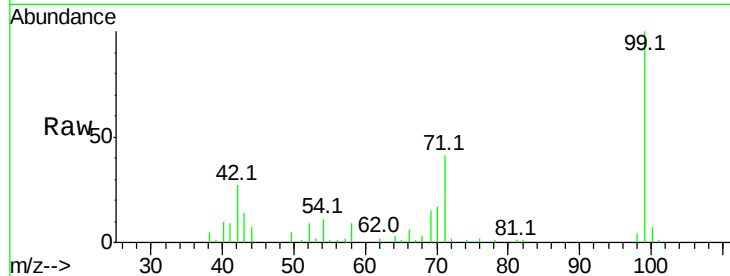
Tgt Ion: 99 Resp: 134385

Ion Ratio Lower Upper

99 100

42 26.7 13.7 20.5#

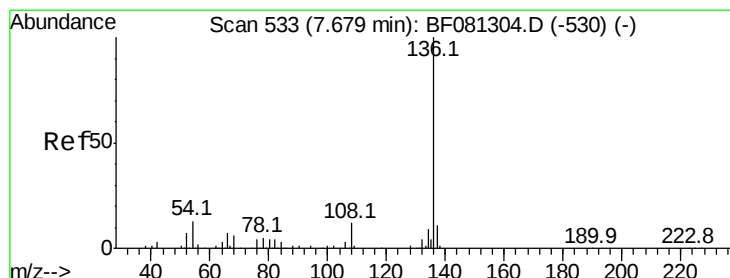
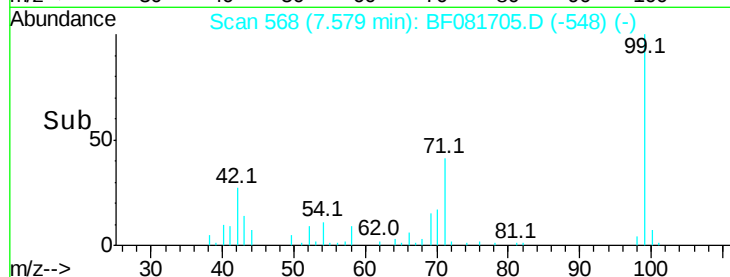
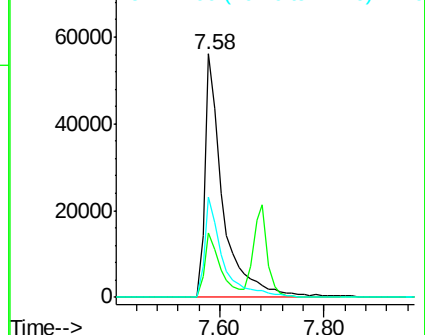
71 41.4 14.2 21.2#



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: 11.06 min Scan# 873

Delta R.T. -0.06 min

Lab File: BF081705.D

Acq: 18 Sep 2015 19:55

Tgt Ion: 136 Resp: 171702

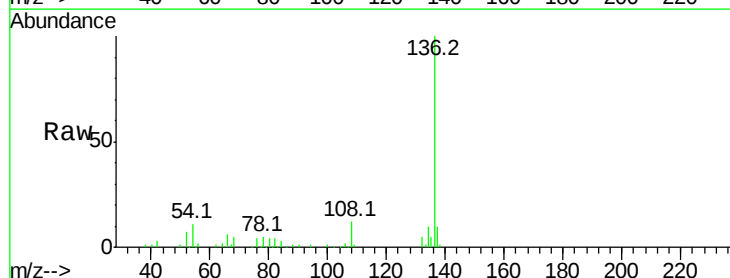
Ion Ratio Lower Upper

136 100

137 10.5 9.0 13.6

54 11.1 8.2 12.2

68 4.7 5.8 8.6#

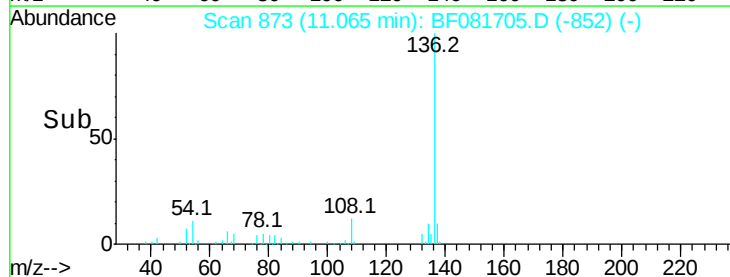
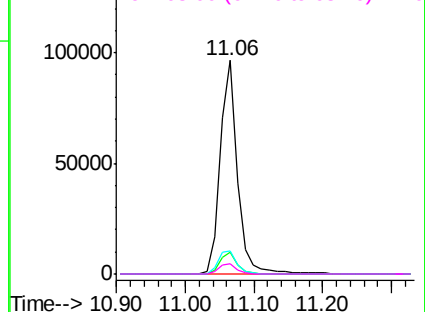


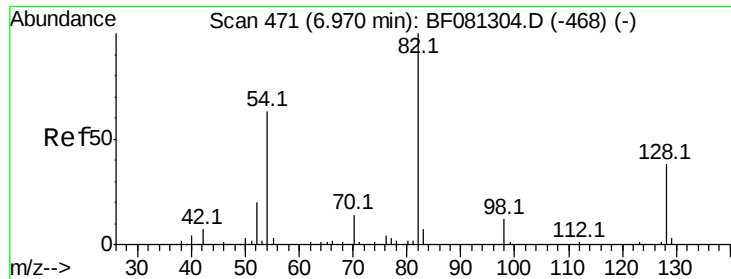
Abundance Ion 136.00 (135.70 to 136.70): E

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

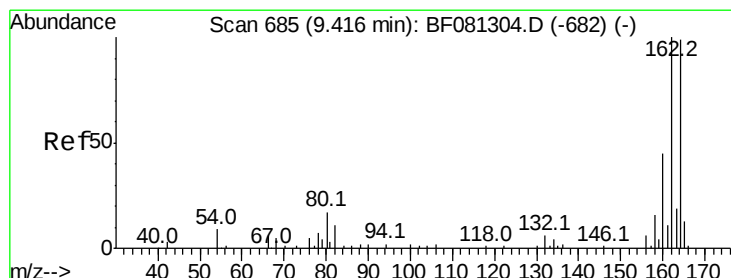
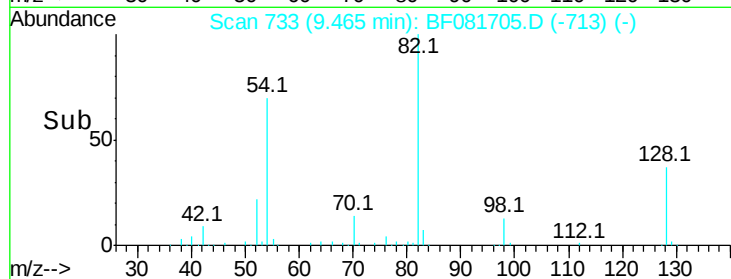
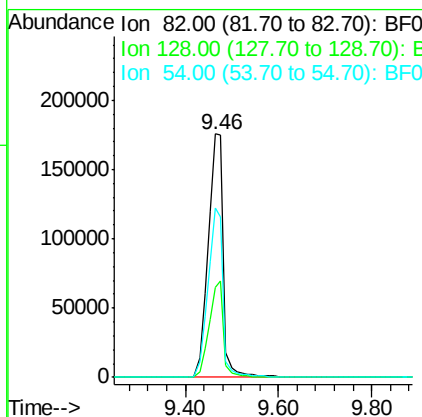
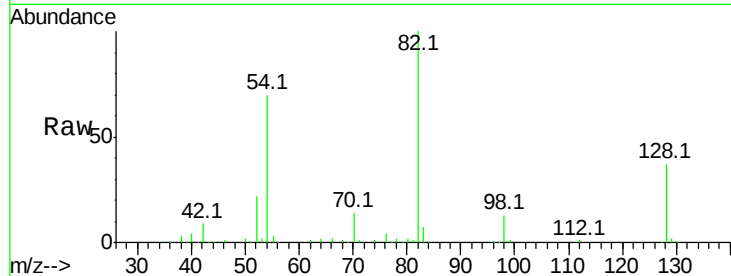




#23
 Nitrobenzene-d5
 Concen: 113.81 ng
 RT: 9.46 min Scan# 733
 Delta R.T. -0.07 min
 Lab File: BF081705.D
 Acq: 18 Sep 2015 19:55

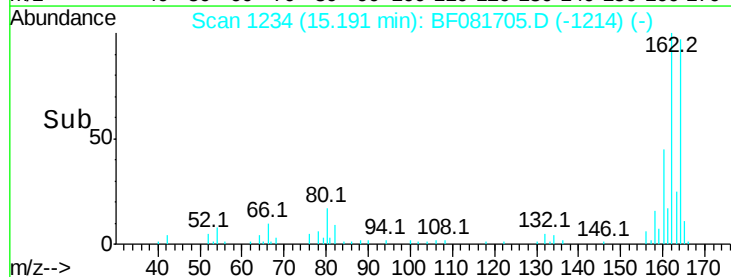
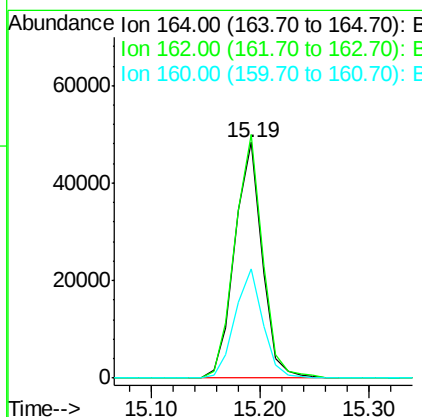
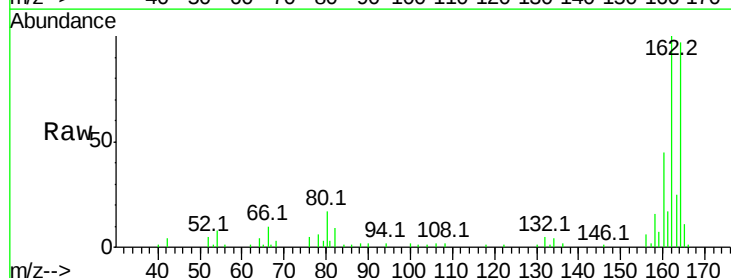
Instrument :
 BNA_F
 ClientSampleId :
 MW-11-9-15-15

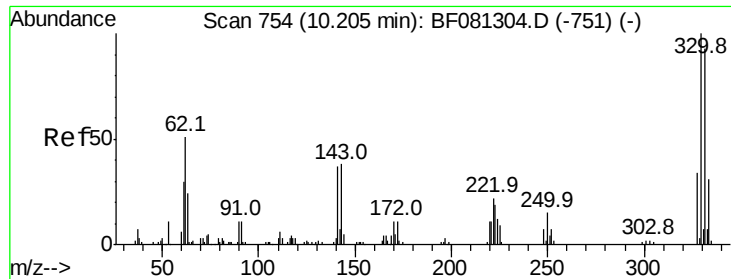
Tgt Ion: 82 Resp: 405043
 Ion Ratio Lower Upper
 82 100
 128 36.9 51.0 76.6#
 54 69.8 47.5 71.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.19 min Scan# 1234
 Delta R.T. -0.07 min
 Lab File: BF081705.D
 Acq: 18 Sep 2015 19:55

Tgt Ion: 164 Resp: 84133
 Ion Ratio Lower Upper
 164 100
 162 103.3 75.2 112.8
 160 46.1 31.5 47.3

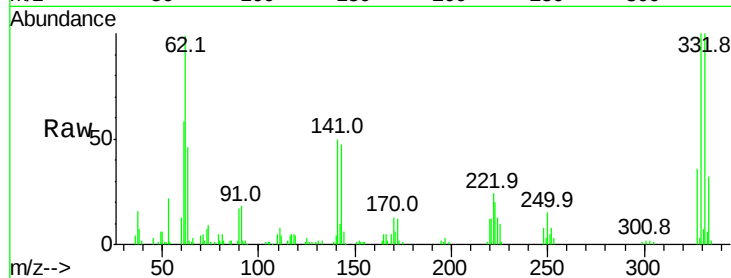




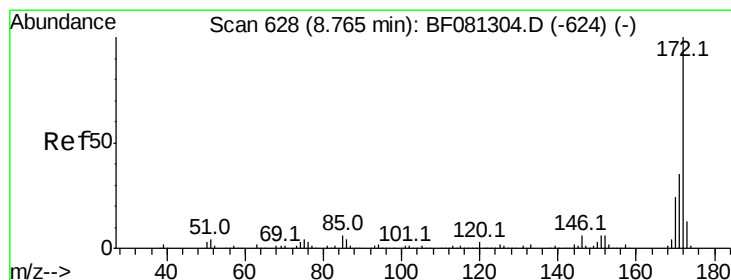
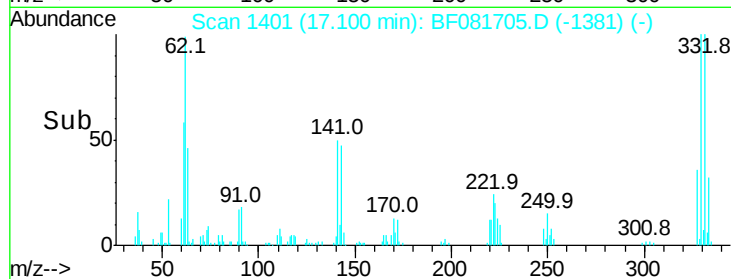
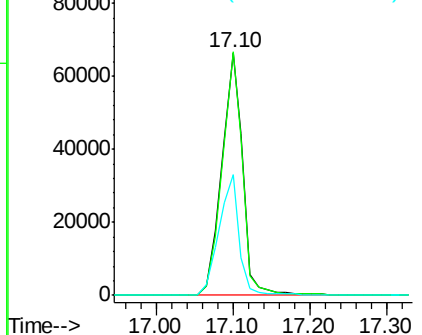
#41
 2,4,6-Tribromophenol
 Concen: 171.02 ng
 RT: 17.10 min Scan# 1401
 Delta R.T. -0.07 min
 Lab File: BF081705.D
 Acq: 18 Sep 2015 19:55

Instrument :
 BNA_F
 ClientSampleId :
 MW-11-9-15-15

Tgt Ion:330 Resp: 128118
 Ion Ratio Lower Upper
 330 100
 332 97.9 76.6 114.8
 141 47.7 29.7 44.5#

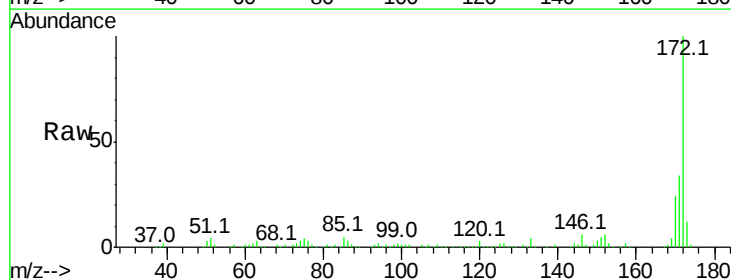


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

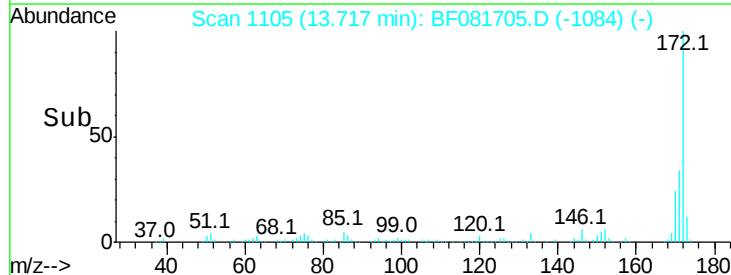
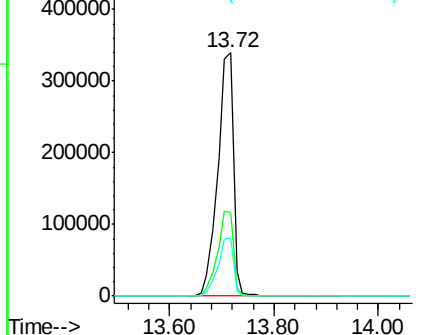


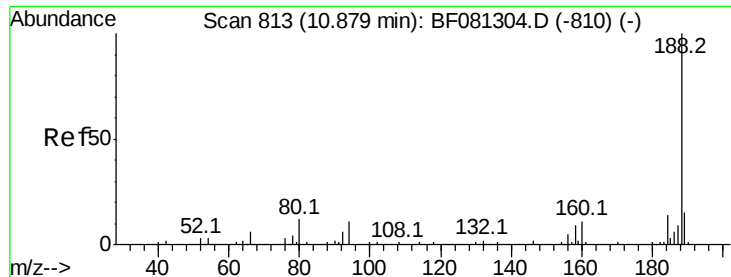
#44
 2-Fluorobiphenyl
 Concen: 108.89 ng
 RT: 13.72 min Scan# 1105
 Delta R.T. -0.06 min
 Lab File: BF081705.D
 Acq: 18 Sep 2015 19:55

Tgt Ion:172 Resp: 714877
 Ion Ratio Lower Upper
 172 100
 171 34.3 26.1 39.1
 170 23.7 17.4 26.2



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

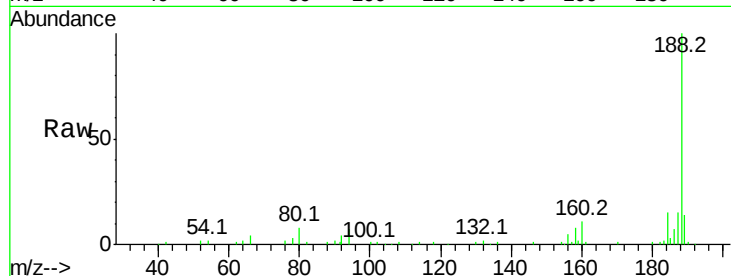




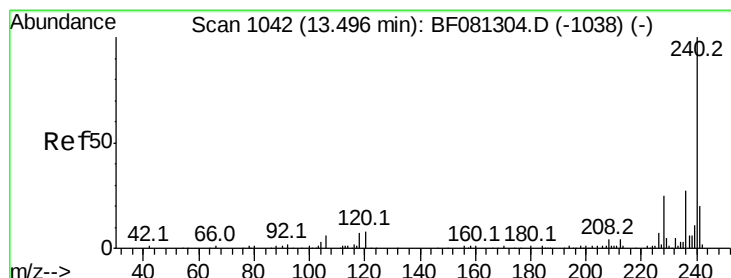
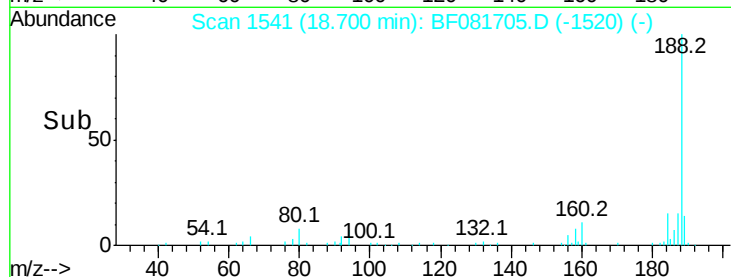
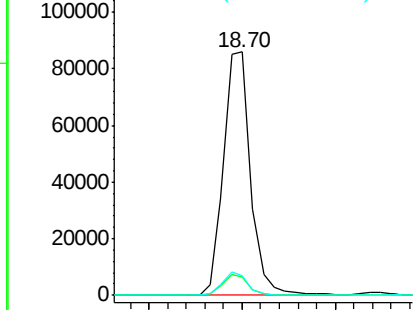
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.70 min Scan# 1541
Delta R.T. -0.06 min
Lab File: BF081705.D
Acq: 18 Sep 2015 19:55

Instrument :
BNA_F
ClientSampleId :
MW-11-9-15-15

Tgt Ion:188 Resp: 174670
Ion Ratio Lower Upper
188 100
94 7.3 11.1 16.7#
80 7.9 11.0 16.4#

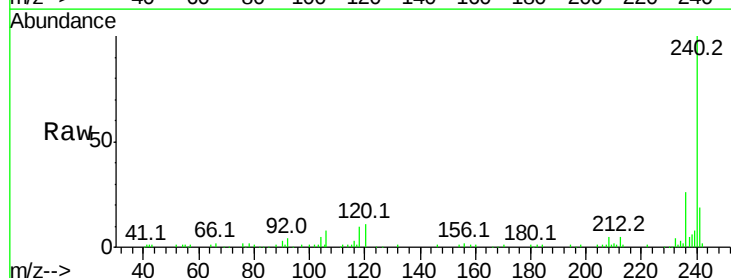


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

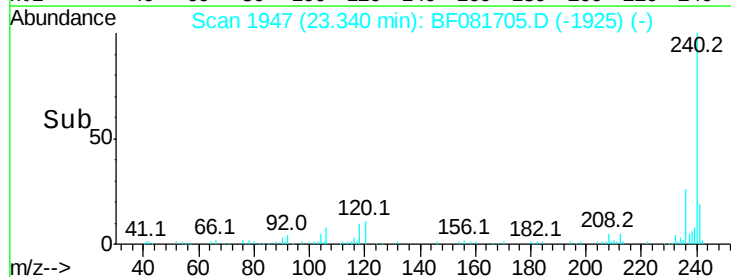
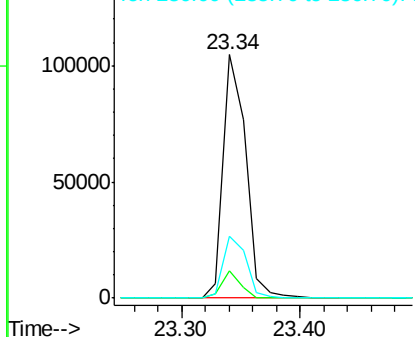


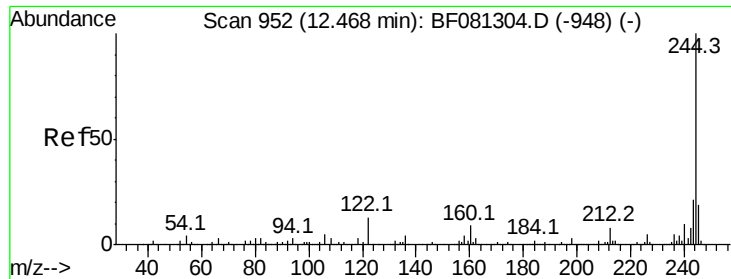
#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.34 min Scan# 1947
Delta R.T. -0.04 min
Lab File: BF081705.D
Acq: 18 Sep 2015 19:55

Tgt Ion:240 Resp: 137655
Ion Ratio Lower Upper
240 100
120 11.4 16.2 24.2#
236 25.5 18.4 27.6



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

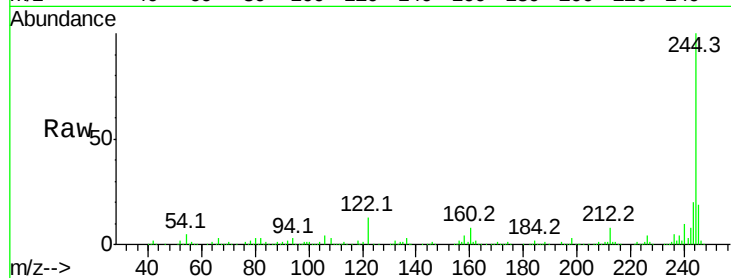




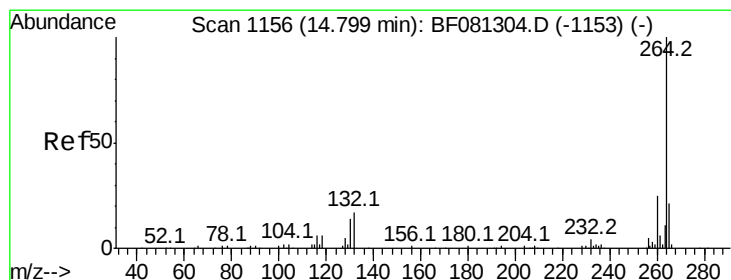
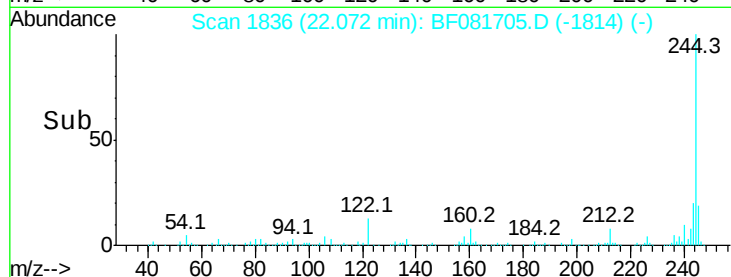
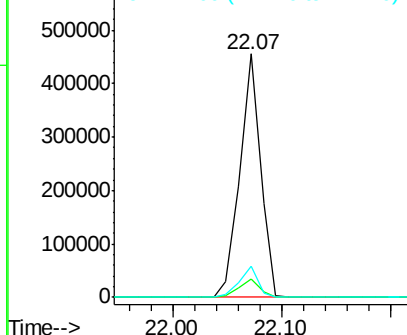
#78
 Terphenyl-d14
 Concen: 101.12 ng
 RT: 22.07 min Scan# 1836
 Delta R.T. -0.04 min
 Lab File: BF081705.D
 Acq: 18 Sep 2015 19:55

Instrument :
 BNA_F
 ClientSampleId :
 MW-11-9-15-15

Tgt Ion: 244 Resp: 597960
 Ion Ratio Lower Upper
 244 100
 212 7.7 4.3 6.5#
 122 12.6 17.4 26.2#

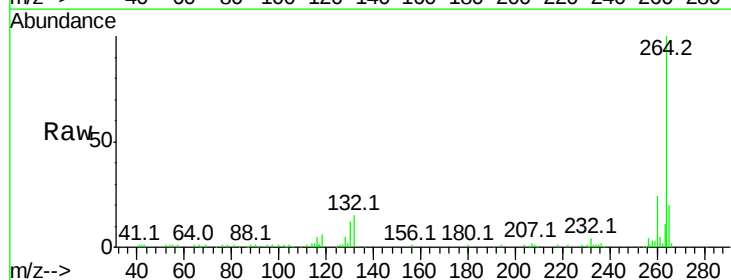


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.78 min Scan# 2073
 Delta R.T. -0.03 min
 Lab File: BF081705.D
 Acq: 18 Sep 2015 19:55

Tgt Ion: 264 Resp: 96336
 Ion Ratio Lower Upper
 264 100
 260 23.6 16.7 25.1
 265 20.5 17.2 25.8



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

