

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020616\
 Data File : BF084917.D
 Acq On : 6 Feb 2016 17:44
 Operator : SJ/IZ
 Sample : H1338-03
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Quant Time: Feb 08 02:54:14 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

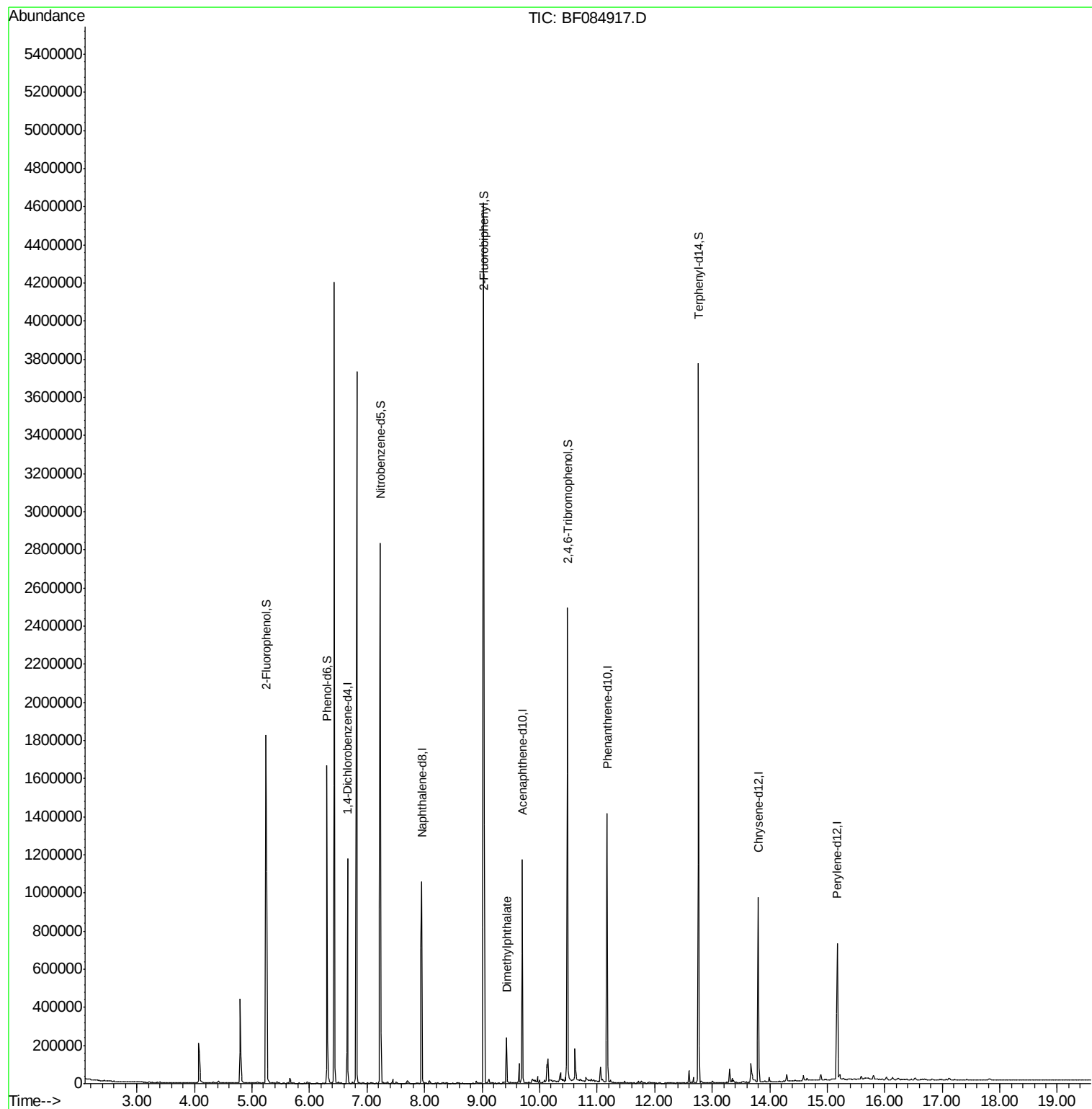
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	160463	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	624493	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	276108	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	474684	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	331548	20.00	ng	-0.03
86) Perylene-d12	15.17	264	317634	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	611872	59.39	ng	-0.03
7) Phenol-d6	6.30	99	477418	37.38	ng	-0.03
23) Nitrobenzene-d5	7.23	82	933874	84.24	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	383791	133.26	ng	-0.03
44) 2-Fluorobiphenyl	9.02	172	1556471	101.56	ng	-0.03
78) Terphenyl-d14	12.76	244	1144691	78.24	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.42	163	89238	4.24	ng	Qvalue # 90

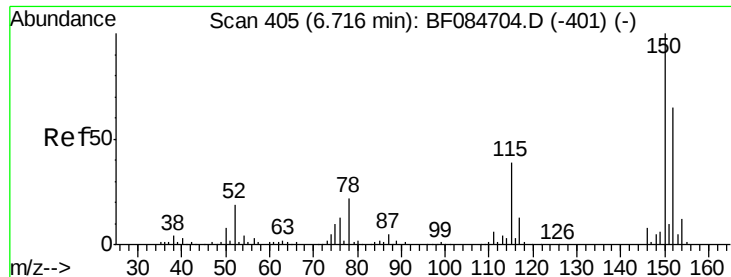
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF084917.D

Acq: 6 Feb 2016 17:44

Instrument :

BNA_F

ClientSampleId :

MW-4

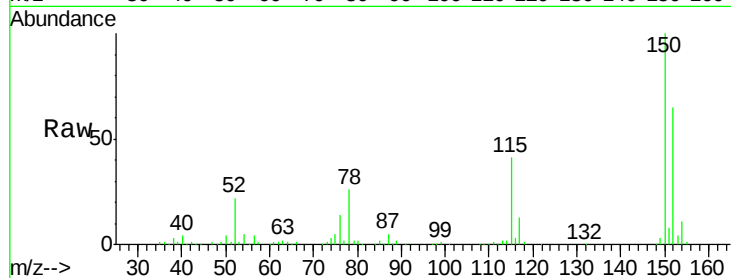
Tot Ion:152 Resp: 160463

Ion Ratio Lower Upper

152 100

150 155.0 123.0 184.4

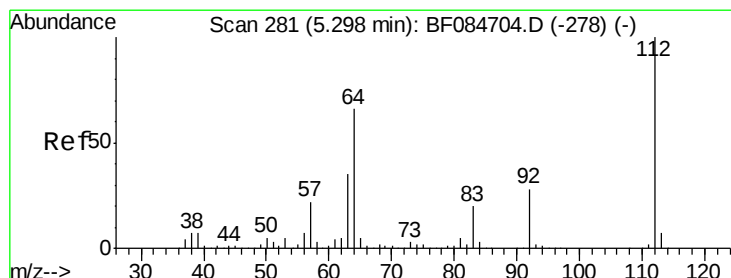
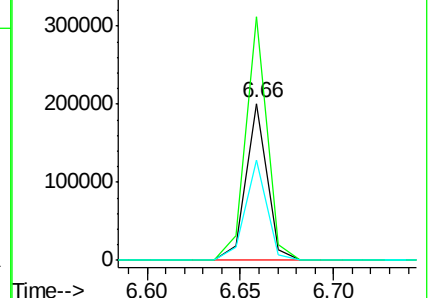
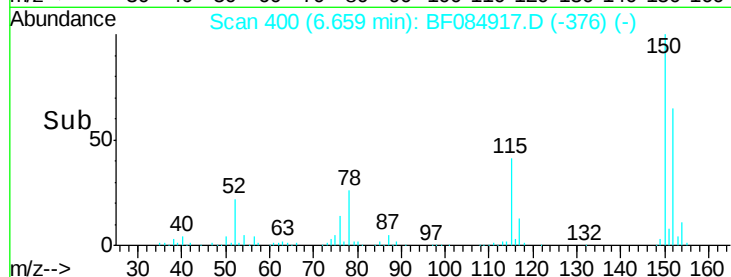
115 63.8 51.4 77.2



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: 59.39 ng

RT: 5.24 min Scan# 276

Delta R.T. -0.03 min

Lab File: BF084917.D

Acq: 6 Feb 2016 17:44

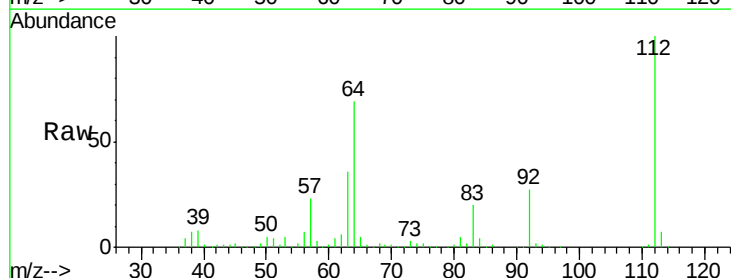
Tgt Ion:112 Resp: 611872

Ion Ratio Lower Upper

112 100

64 68.9 36.6 55.0#

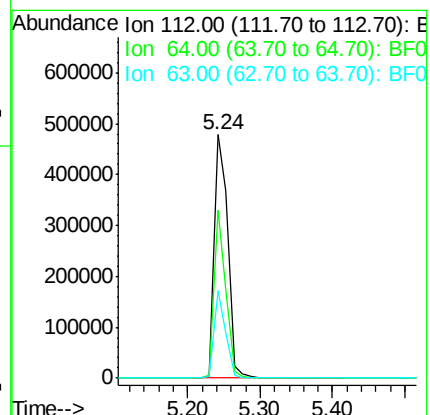
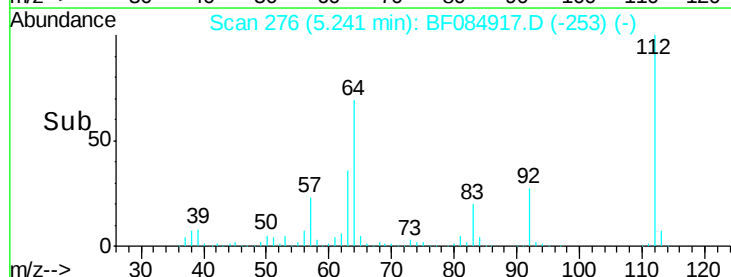
63 36.0 19.4 29.0#

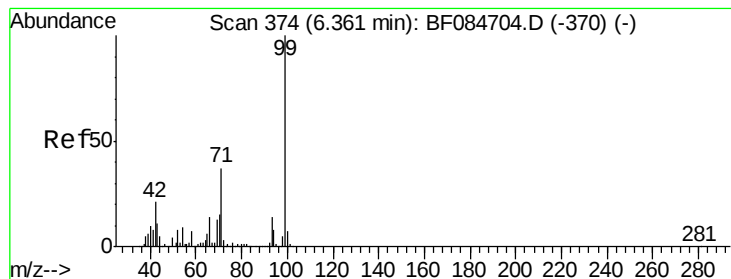


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 37.38 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.03 min

Lab File: BF084917.D

Acq: 6 Feb 2016 17:44

Instrument :

BNA_F

ClientSampleId :

MW-4

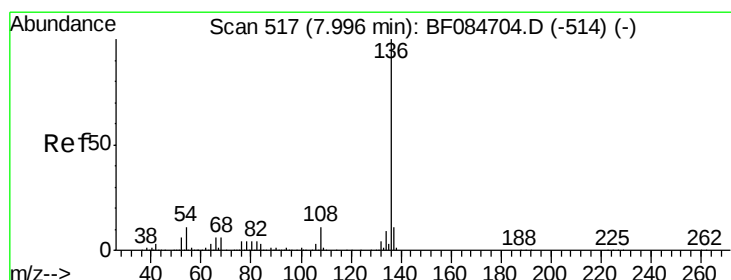
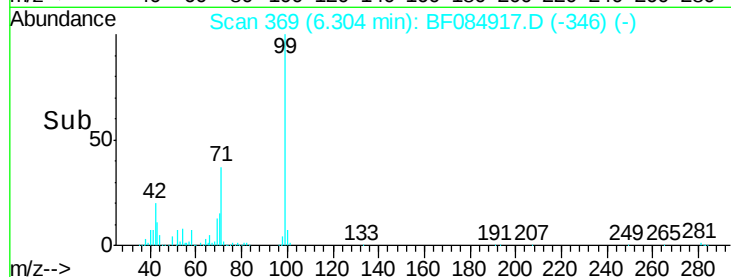
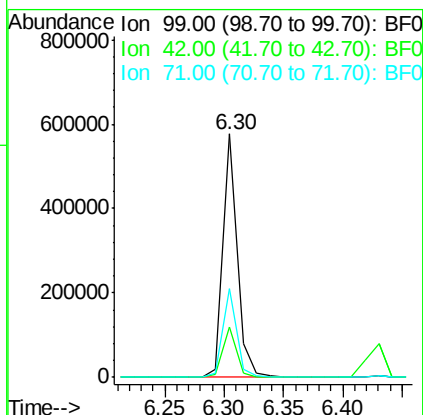
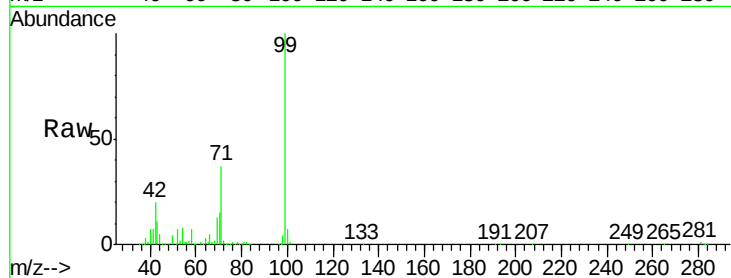
Tot Ion: 99 Resp: 477418

Ion Ratio Lower Upper

99 100

42 20.4 12.8 19.2#

71 36.6 30.9 46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF084917.D

Acq: 6 Feb 2016 17:44

Tgt Ion: 136 Resp: 624493

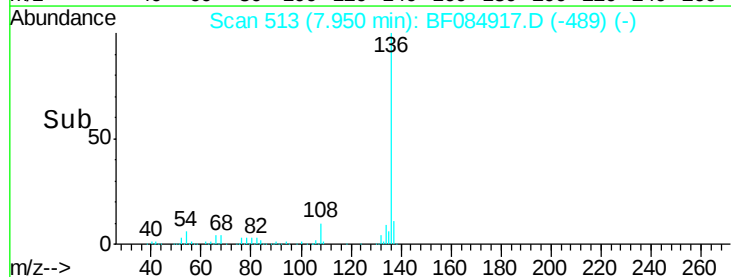
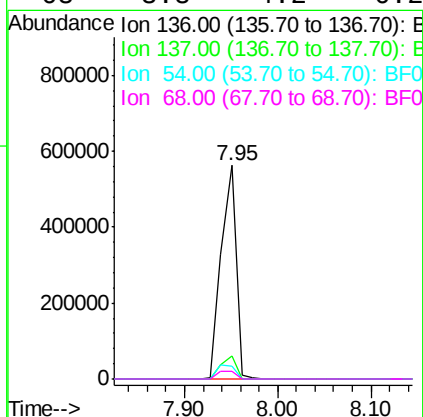
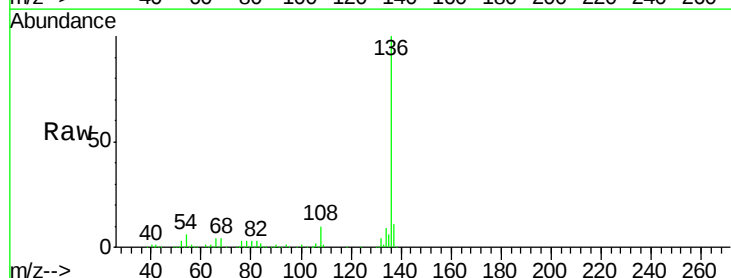
Ion Ratio Lower Upper

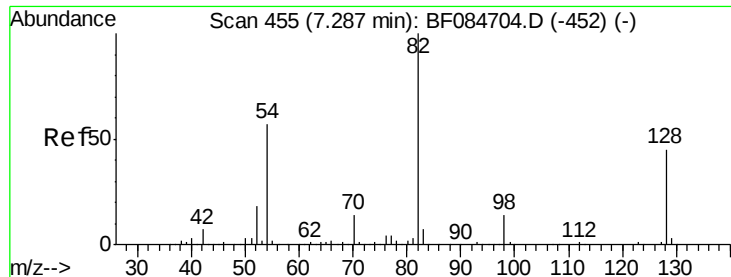
136 100

137 10.6 8.7 13.1

54 6.1 5.8 8.8

68 3.8 4.2 6.2#





#23

Nitrobenzene-d5

Concen: 84.24 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.03 min

Lab File: BF084917.D

Acq: 6 Feb 2016 17:44

Instrument :

BNA_F

ClientSampleId :

MW-4

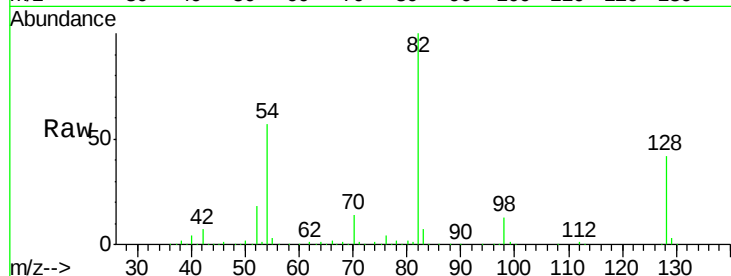
Tot Ion: 82 Resp: 933874

Ion Ratio Lower Upper

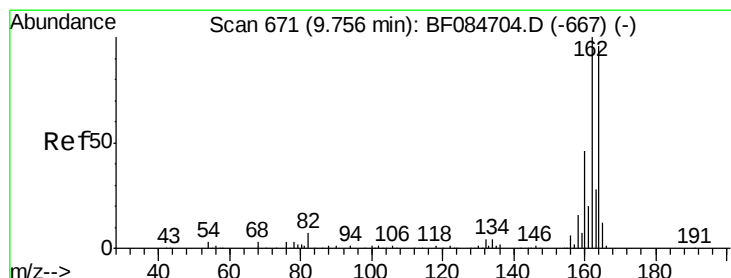
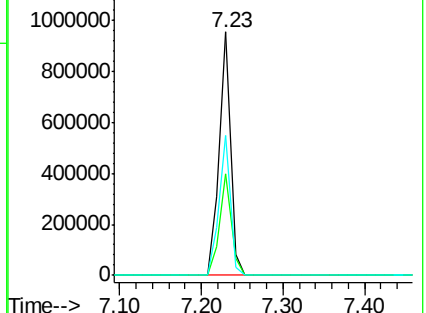
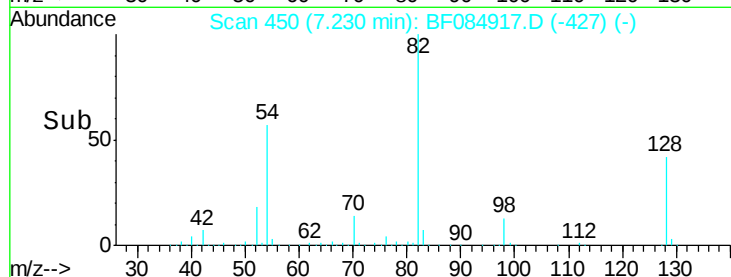
82 100

128 41.6 34.6 51.8

54 57.4 38.4 57.6



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.03 min

Lab File: BF084917.D

Acq: 6 Feb 2016 17:44

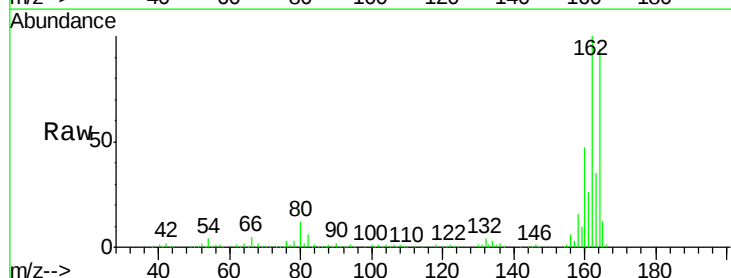
Tgt Ion:164 Resp: 276108

Ion Ratio Lower Upper

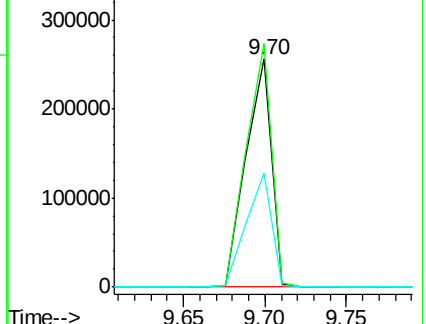
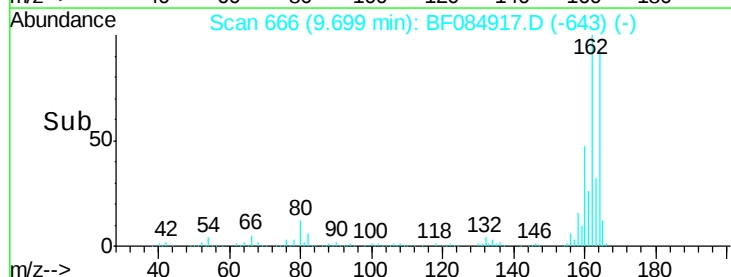
164 100

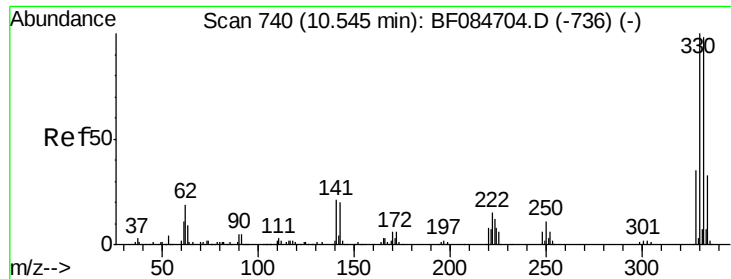
162 106.9 85.1 127.7

160 50.1 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

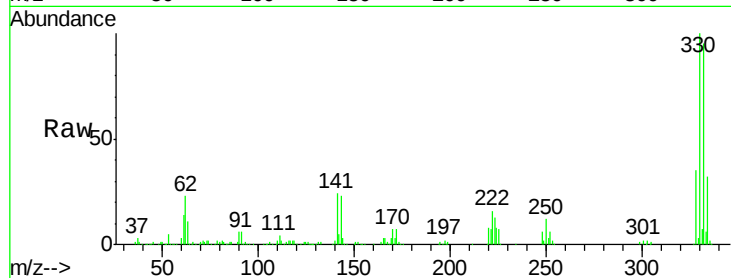




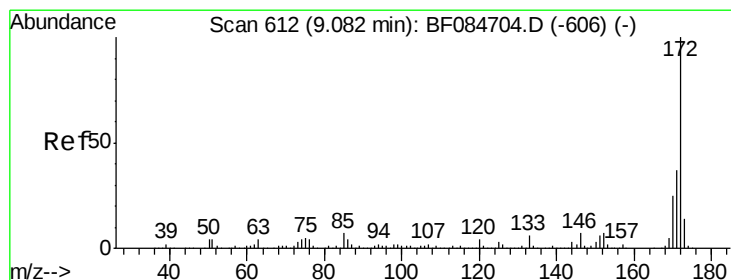
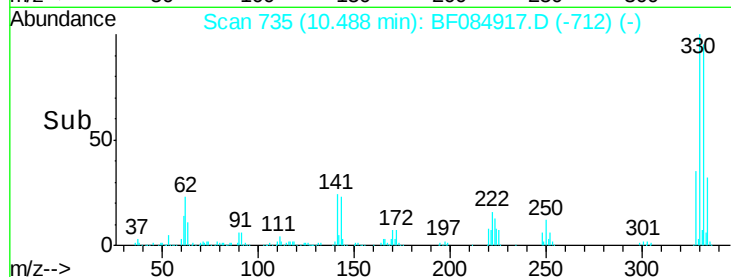
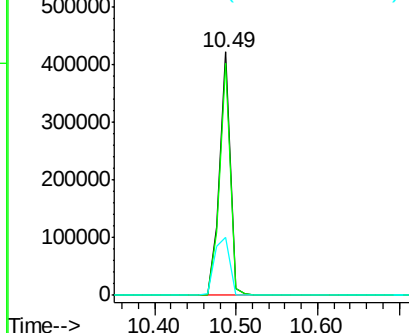
#41
 2,4,6-Tribromophenol
 Concen: 133.26 ng
 RT: 10.49 min Scan# 735
 Delta R.T. -0.03 min
 Lab File: BF084917.D
 Acq: 6 Feb 2016 17:44

Instrument :
 BNA_F
 ClientSampled :
 MW-4

Tot Ion:330 Resp: 383791
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 114.8
 141 34.7 27.8 41.6

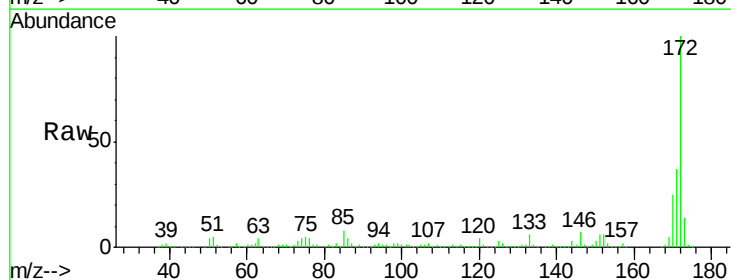


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

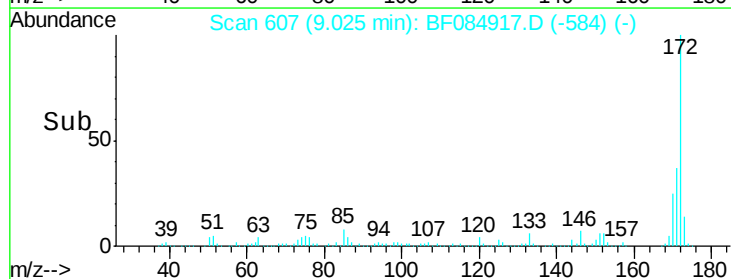
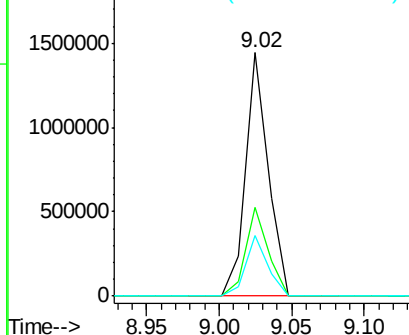


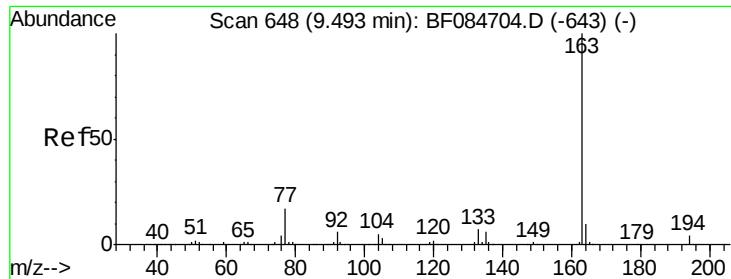
#44
 2-Fluorobiphenyl
 Concen: 101.56 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.03 min
 Lab File: BF084917.D
 Acq: 6 Feb 2016 17:44

Tgt Ion:172 Resp: 1556471
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.9 43.3
 170 25.0 18.6 27.8



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

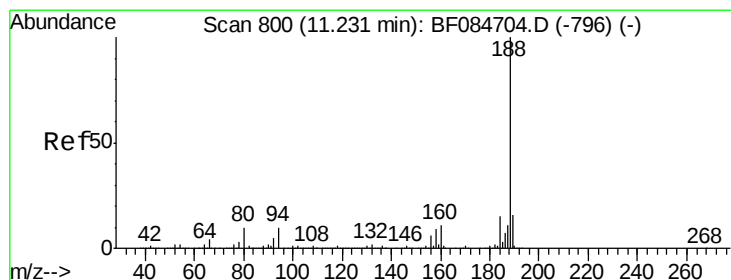
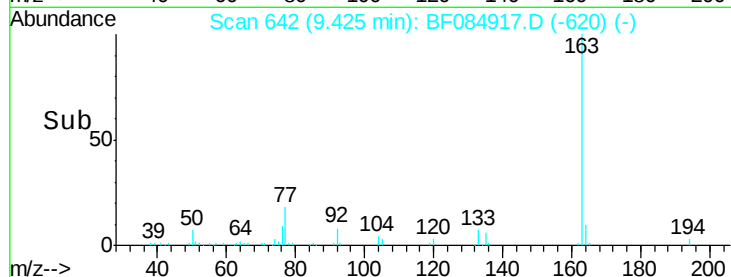
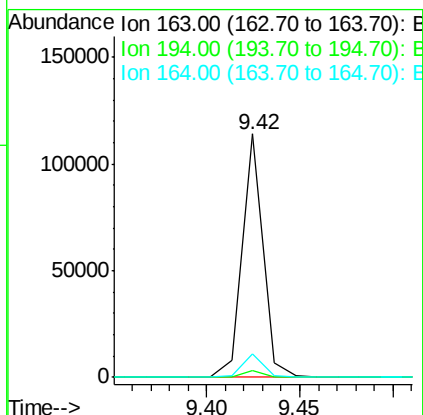
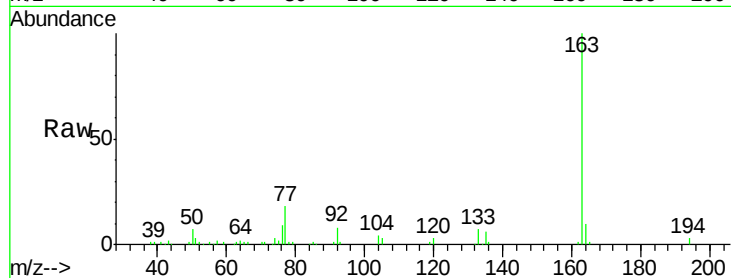




#49
Dimethylphthalate
Concen: 4.24 ng
RT: 9.42 min Scan# 642
Delta R.T. -0.05 min
Lab File: BF084917.D
Acq: 6 Feb 2016 17:44

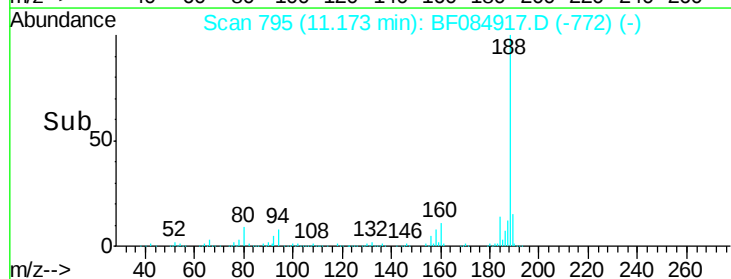
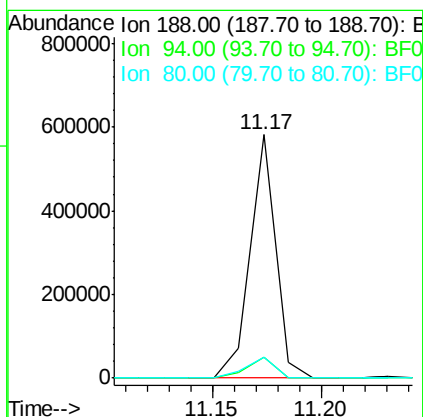
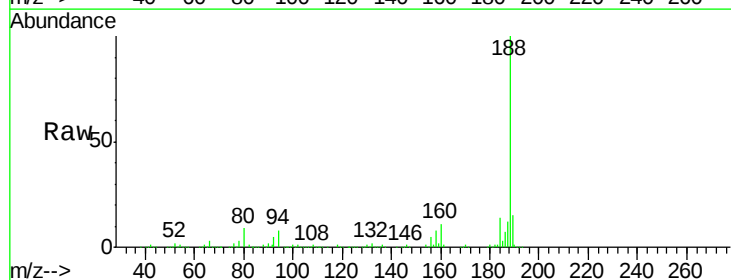
Instrument :
BNA_F
ClientSampleId :
MW-4

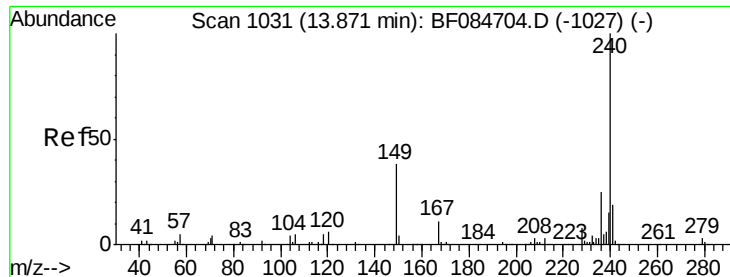
Tot Ion:163 Resp: 89238
Ion Ratio Lower Upper
163 100
194 3.1 8.0 12.0#
164 9.8 8.0 12.0



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 795
Delta R.T. -0.03 min
Lab File: BF084917.D
Acq: 6 Feb 2016 17:44

Tgt Ion:188 Resp: 474684
Ion Ratio Lower Upper
188 100
94 8.3 9.0 13.4#
80 8.6 9.6 14.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.80 min Scan# 1025

Delta R.T. -0.03 min

Lab File: BF084917.D

Acq: 6 Feb 2016 17:44

Instrument :

BNA_F

ClientSampleId :

MW-4

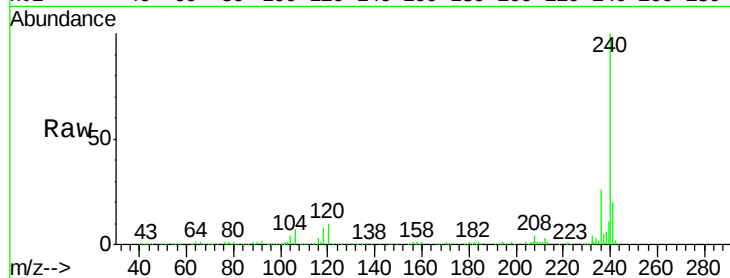
Tot Ion:240 Resp: 331548

Ion Ratio Lower Upper

240 100

120 9.5 9.5 14.3#

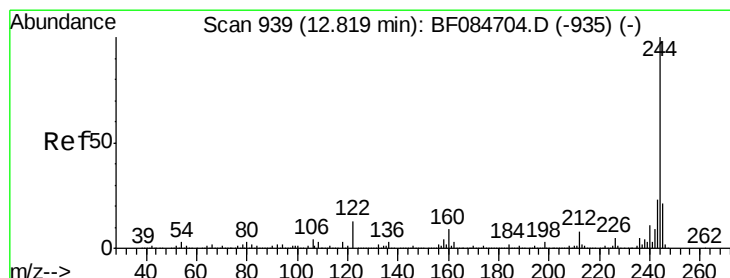
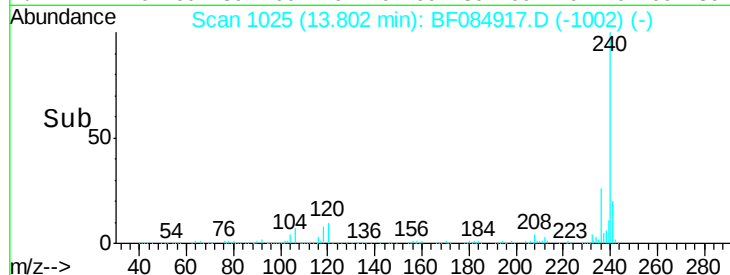
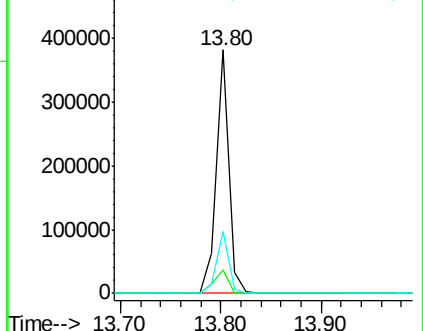
236 25.6 20.6 31.0



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: 78.24 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF084917.D

Acq: 6 Feb 2016 17:44

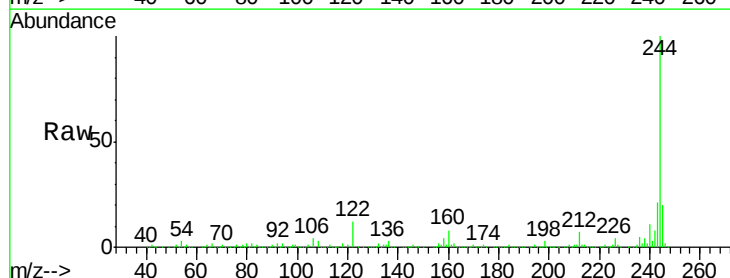
Tgt Ion:244 Resp: 1144691

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

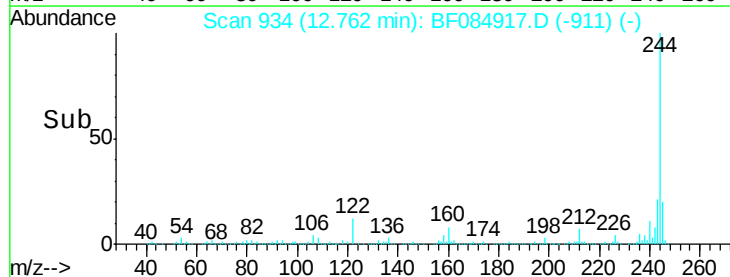
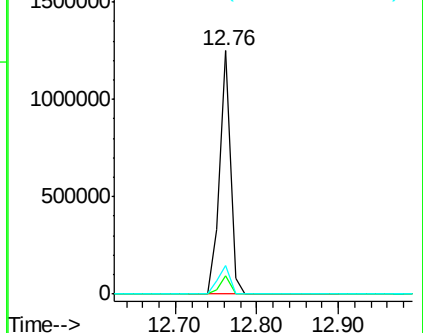
122 11.5 7.4 11.0#

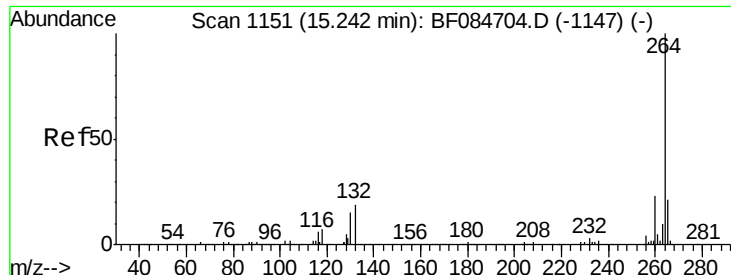


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

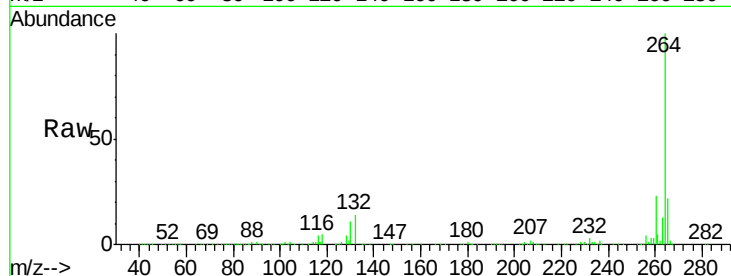




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.17 min Scan# 1145
 Delta R.T. -0.03 min
 Lab File: BF084917.D
 Acq: 6 Feb 2016 17:44

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.4	29.2
265	21.8	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

