

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
 Data File : BF086766.D
 Acq On : 7 May 2016 11:25
 Operator : UM/SJ
 Sample : H2831-02
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Quant Time: May 07 23:36:05 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 15:12:53 2016
 Response via : Initial Calibration

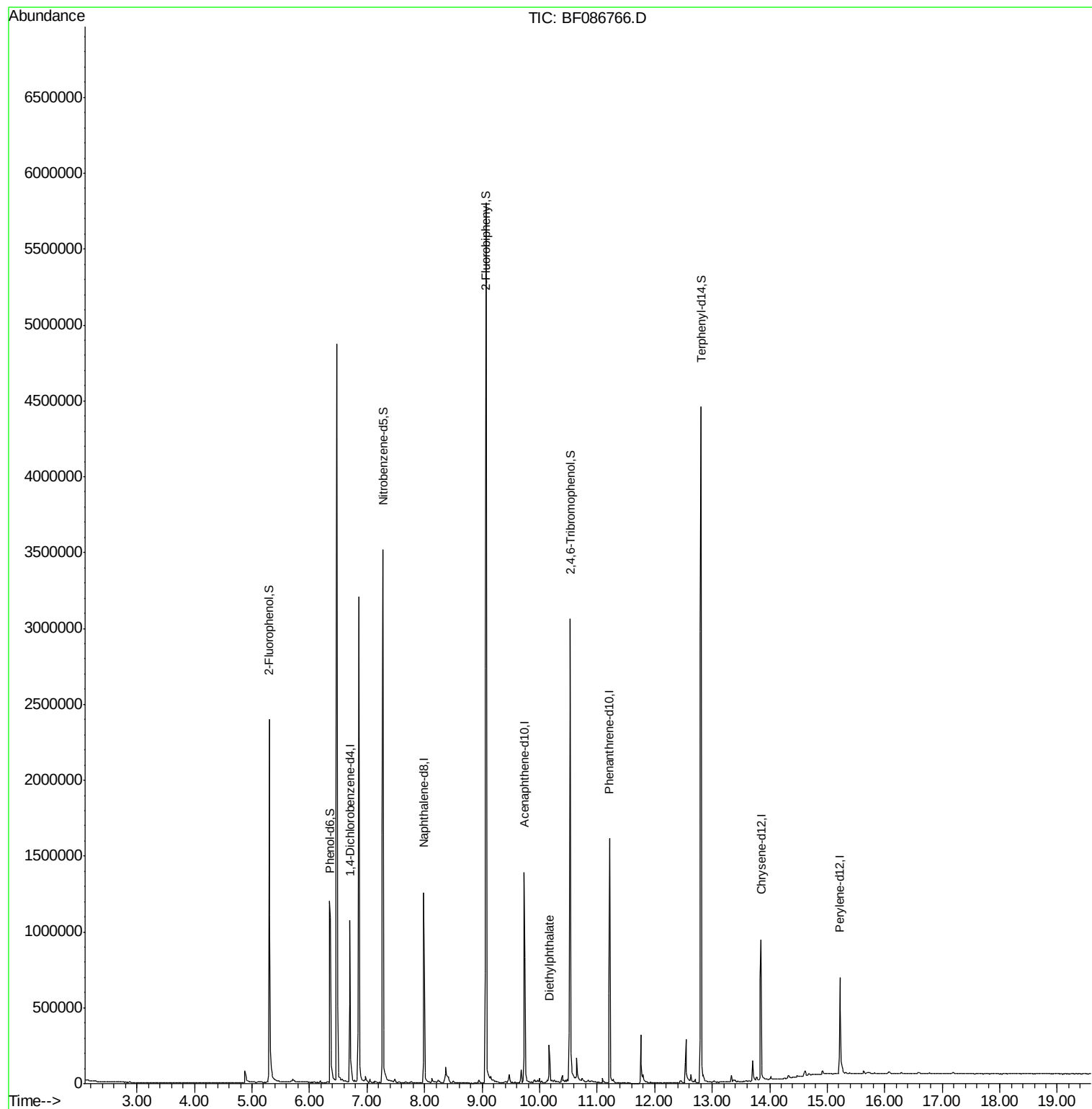
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	183387	40.00	ng	-0.03
21) Naphthalene-d8	7.98	136	725588	40.00	ng	-0.05
38) Acenaphthene-d10	9.73	164	341578	40.00	ng	-0.05
63) Phenanthrene-d10	11.22	188	630831	40.00	ng	-0.03
75) Chrysene-d12	13.85	240	433737	40.00	ng	-0.03
86) Perylene-d12	15.22	264	335946	40.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	701483	63.33	ng	-0.02
7) Phenol-d6	6.36	99	615437	41.24	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1265274	89.61	ng	-0.03
41) 2,4,6-Tribromophenol	10.53	330	536703	160.62	ng	-0.03
44) 2-Fluorobiphenyl	9.07	172	2083473	99.99	ng	-0.03
78) Terphenyl-d14	12.81	244	1705917	79.49	ng	-0.03
Target Compounds						
59) Diethylphthalate	10.17	149	70710	2.93	ng	Qvalue 99

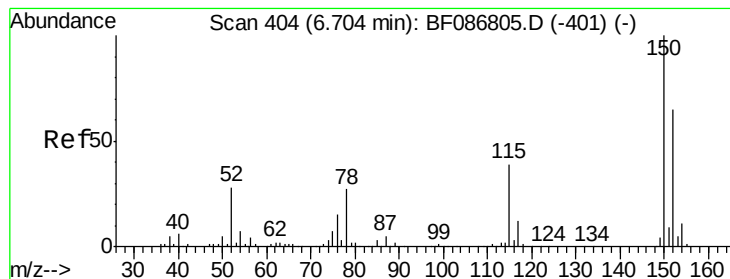
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 40.00 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.03 min

Lab File: BF086766.D

Acq: 7 May 2016 11:25

Instrument :

BNA_F

ClientSampleId :

MW-4

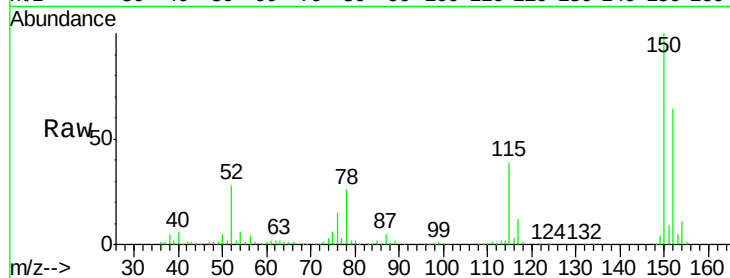
Tgt Ion:152 Resp: 183387

Ion Ratio Lower Upper

152 100

150 155.2 125.8 188.6

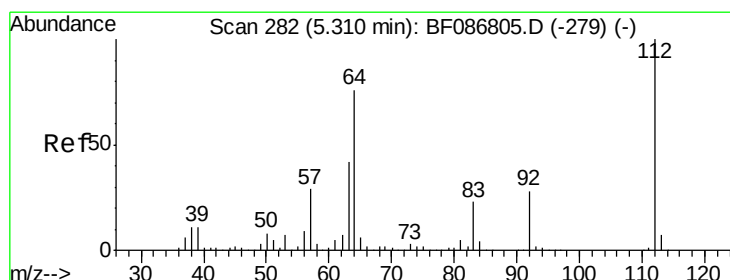
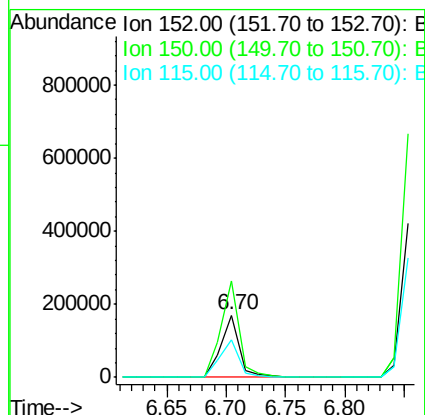
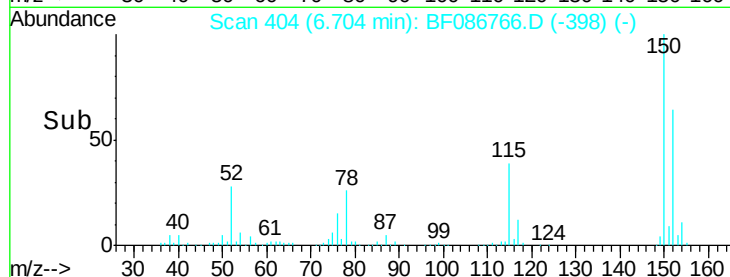
115 60.3 51.5 77.3



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: 63.33 ng

RT: 5.30 min Scan# 281

Delta R.T. -0.02 min

Lab File: BF086766.D

Acq: 7 May 2016 11:25

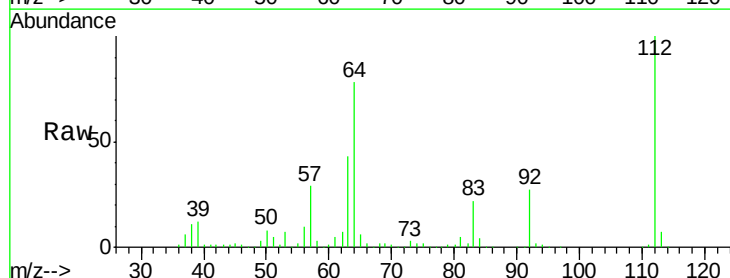
Tgt Ion:112 Resp: 701483

Ion Ratio Lower Upper

112 100

64 78.1 52.1 78.1

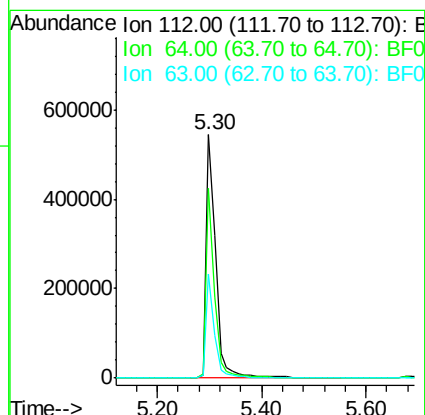
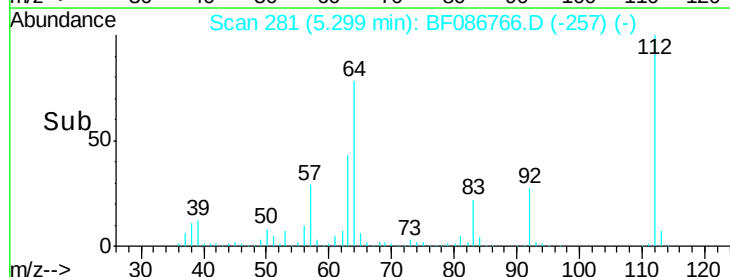
63 42.6 25.7 38.5

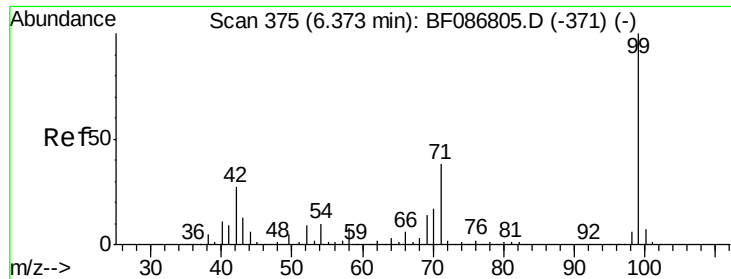


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 41.24 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF086766.D

Acq: 7 May 2016 11:25

Instrument :

BNA_F

ClientSampled :

MW-4

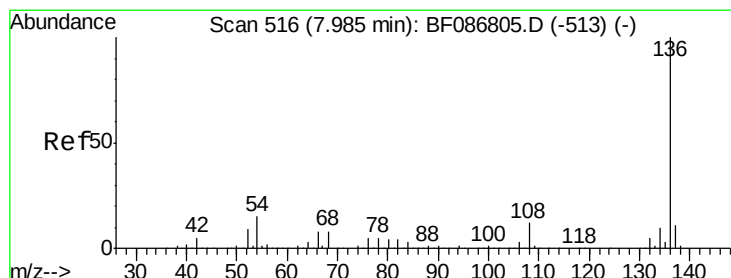
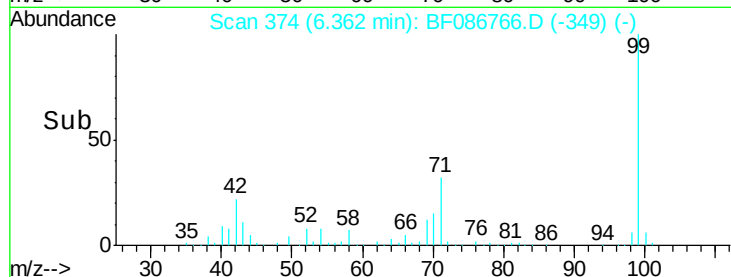
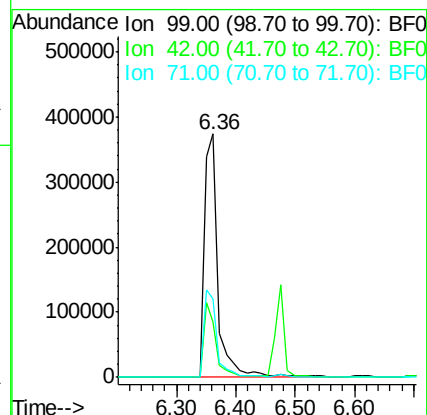
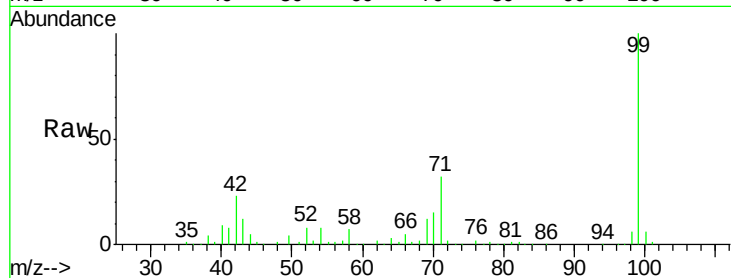
Tgt Ion: 99 Resp: 615437

Ion Ratio Lower Upper

99 100

42 22.6 13.6 20.4#

71 32.0 24.6 36.8



#21

Naphthalene-d8

Concen: 40.00 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.05 min

Lab File: BF086766.D

Acq: 7 May 2016 11:25

Tgt Ion: 136 Resp: 725588

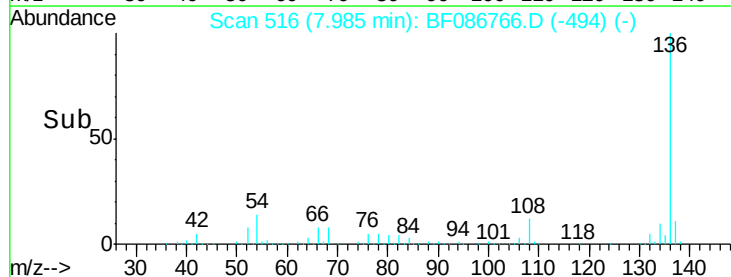
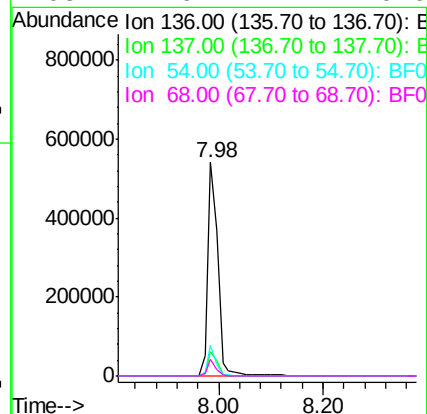
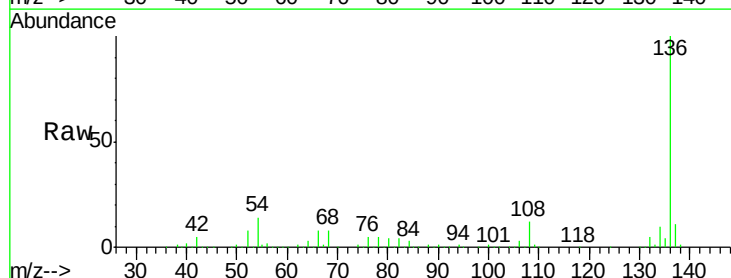
Ion Ratio Lower Upper

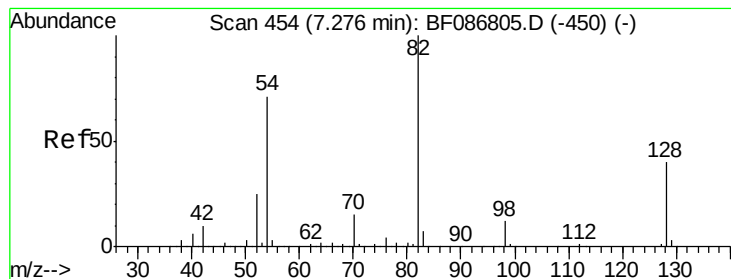
136 100

137 11.1 8.8 13.2

54 14.5 5.0 7.4#

68 7.6 4.4 6.6#





#23

Nitrobenzene-d5

Concen: 89.61 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.03 min

Lab File: BF086766.D

Acq: 7 May 2016 11:25

Instrument :

BNA_F

ClientSampleId :

MW-4

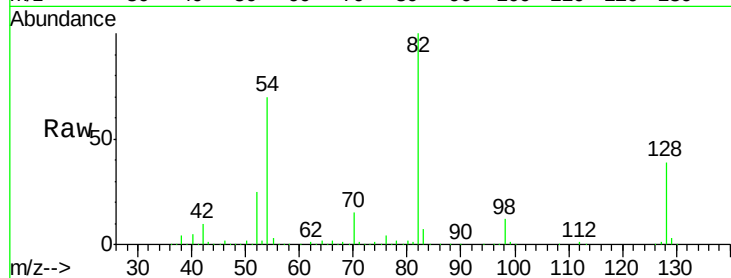
Tgt Ion: 82 Resp: 1265274

Ion Ratio Lower Upper

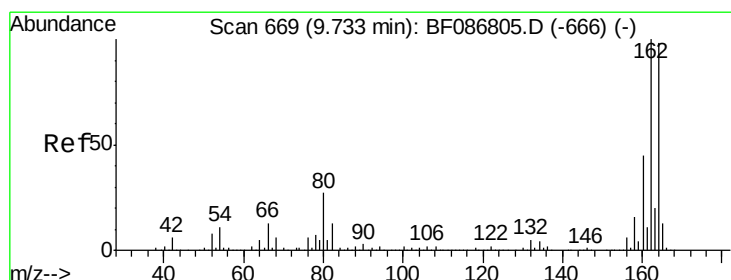
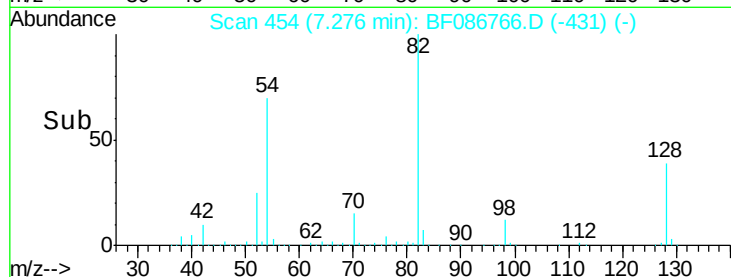
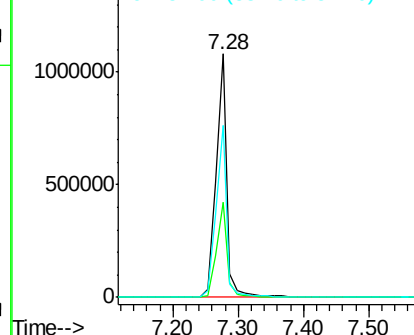
82 100

128 39.2 40.6 61.0#

54 70.5 38.1 57.1#



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: 40.00 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.05 min

Lab File: BF086766.D

Acq: 7 May 2016 11:25

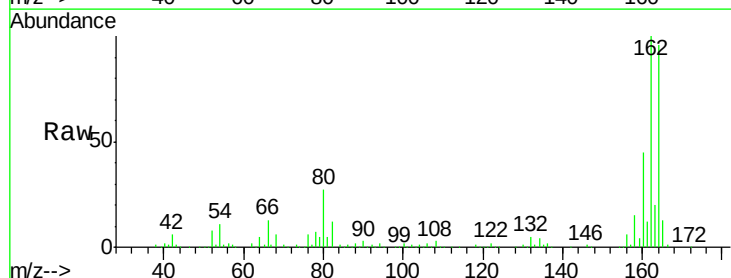
Tgt Ion: 164 Resp: 341578

Ion Ratio Lower Upper

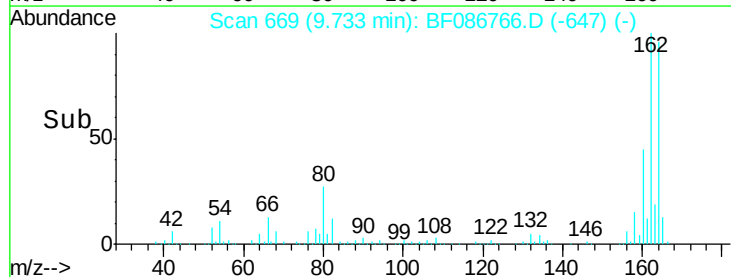
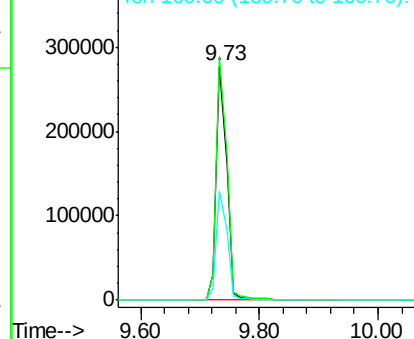
164 100

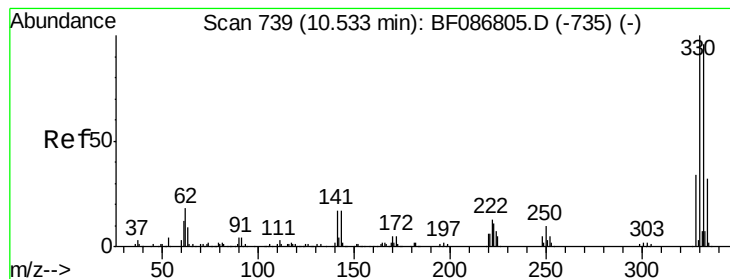
162 104.2 82.8 124.2

160 46.6 36.9 55.3



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

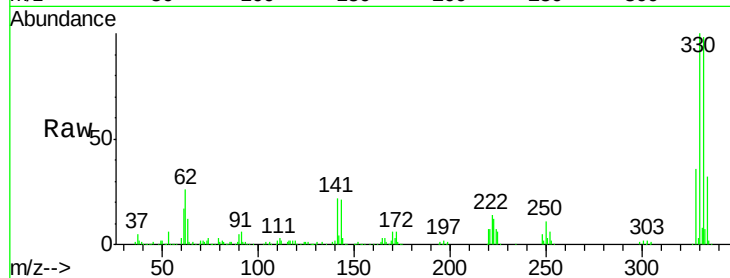




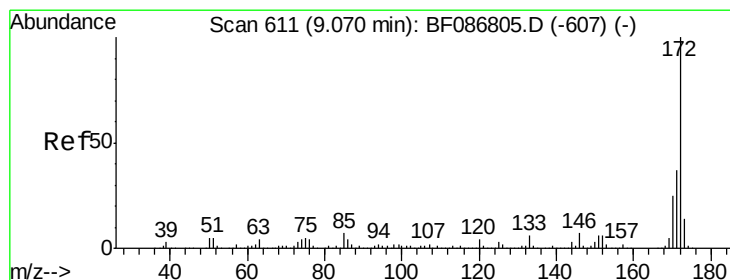
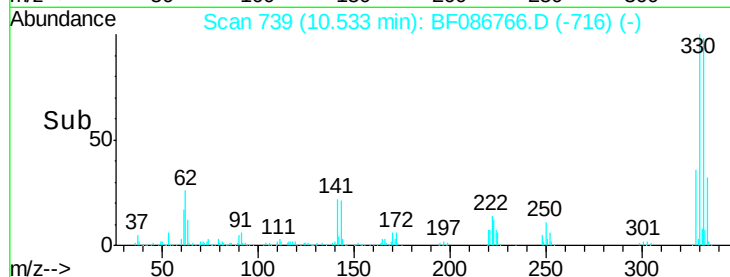
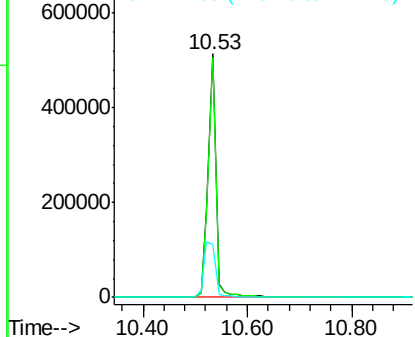
#41
 2,4,6-Tribromophenol
 Concen: 160.62 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.03 min
 Lab File: BF086766.D
 Acq: 7 May 2016 11:25

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Tgt Ion:330 Resp: 536703
 Ion Ratio Lower Upper
 330 100
 332 97.6 79.0 118.4
 141 34.5 31.2 46.8

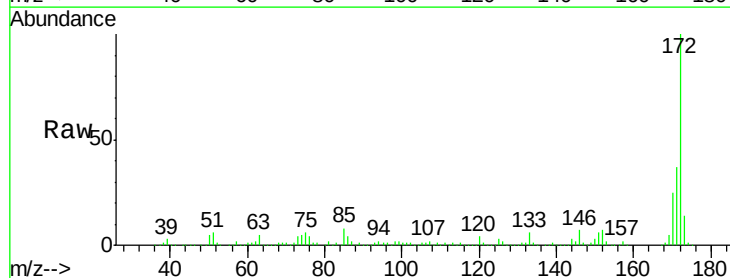


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

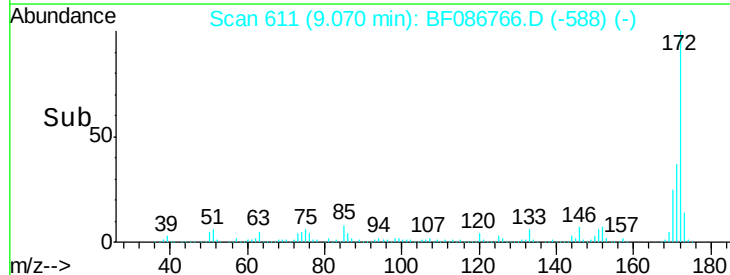
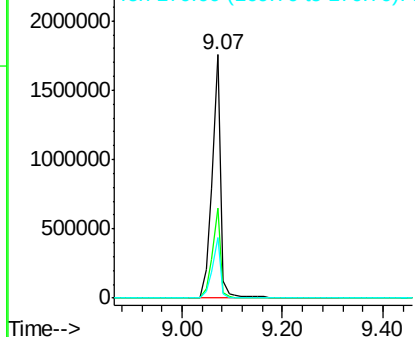


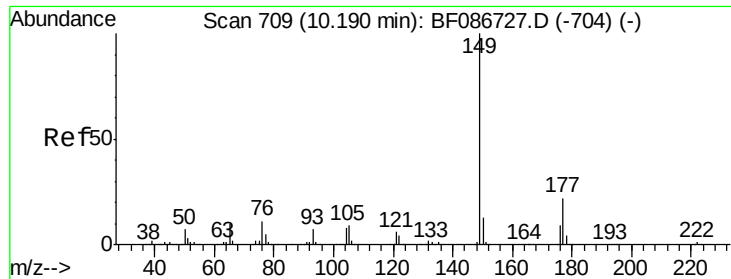
#44
 2-Fluorobiphenyl
 Concen: 99.99 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.03 min
 Lab File: BF086766.D
 Acq: 7 May 2016 11:25

Tgt Ion:172 Resp: 2083473
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.0 43.6
 170 25.1 19.8 29.8



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

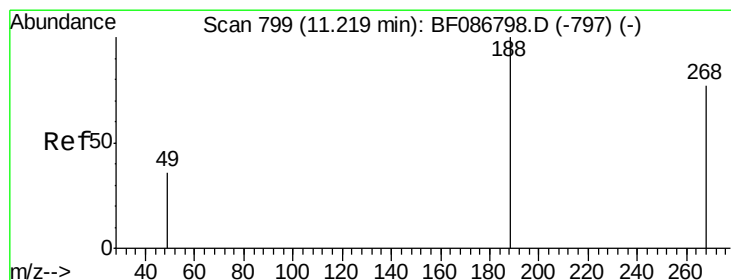
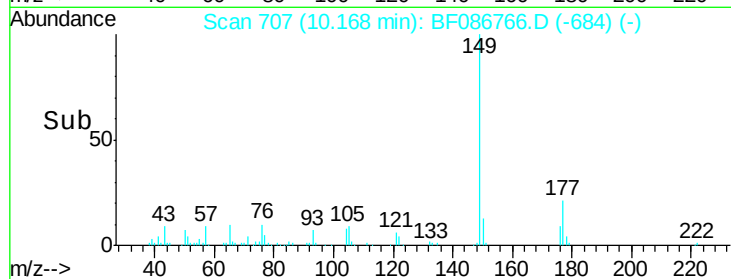
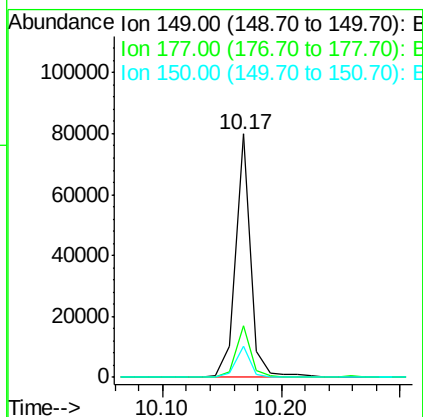
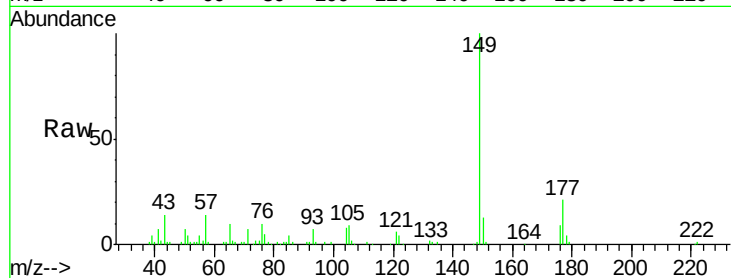




#59
Diethylphthalate
Concen: 2.93 ng
RT: 10.17 min Scan# 707
Delta R.T. -0.03 min
Lab File: BF086766.D
Acq: 7 May 2016 11:25

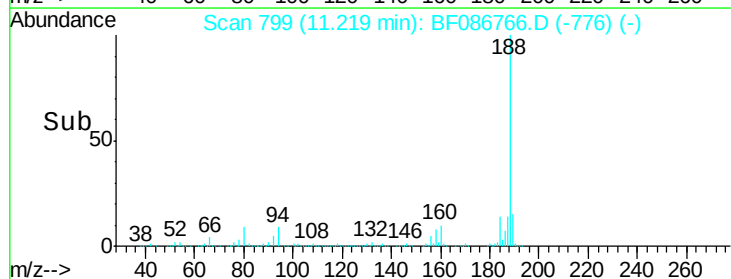
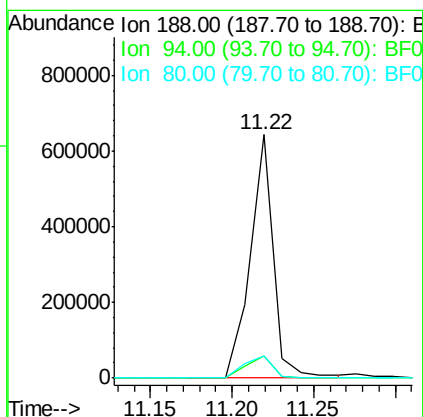
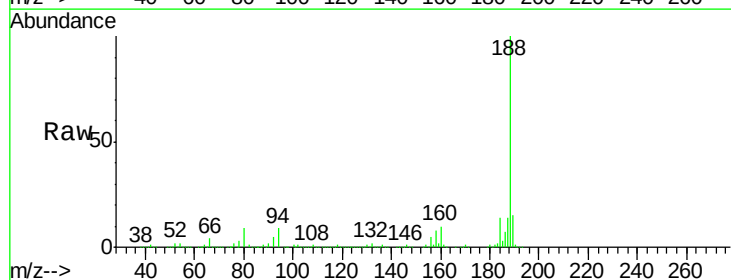
Instrument :
BNA_F
ClientSampleId :
MW-4

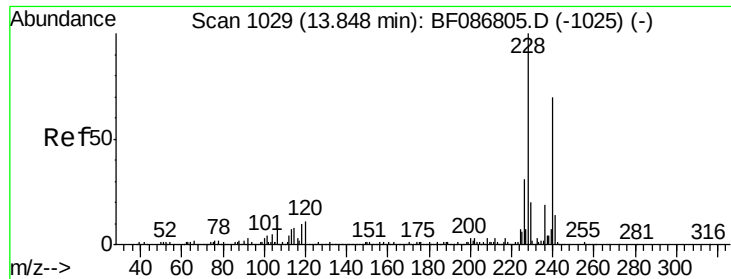
Tgt Ion:149 Resp: 70710
Ion Ratio Lower Upper
149 100
177 21.2 16.6 24.8
150 12.7 10.0 15.0



#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.03 min
Lab File: BF086766.D
Acq: 7 May 2016 11:25

Tgt Ion:188 Resp: 630831
Ion Ratio Lower Upper
188 100
94 8.9 6.8 10.2
80 9.4 7.1 10.7





#75

Chrysene-d12

Concen: 40.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.03 min

Lab File: BF086766.D

Acq: 7 May 2016 11:25

Instrument :

BNA_F

ClientSampleId :

MW-4

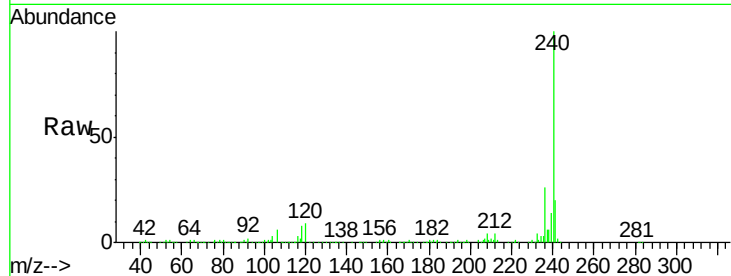
Tgt Ion:240 Resp: 433737

Ion Ratio Lower Upper

240 100

120 8.9 11.2 16.8#

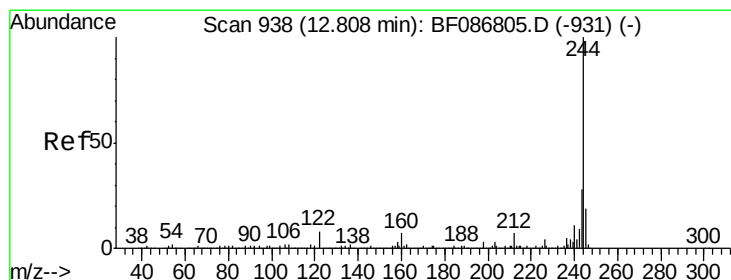
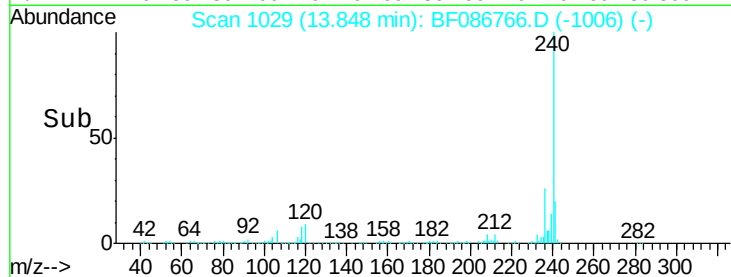
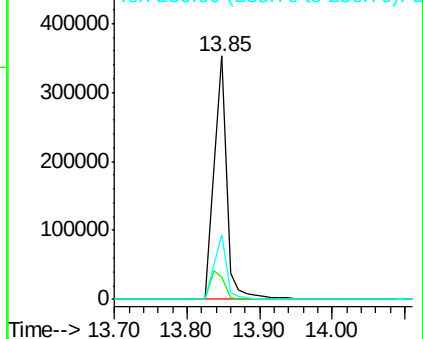
236 26.3 21.2 31.8



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: 79.49 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.03 min

Lab File: BF086766.D

Acq: 7 May 2016 11:25

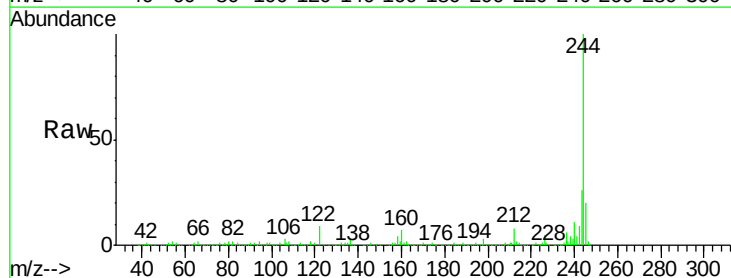
Tgt Ion:244 Resp: 1705917

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

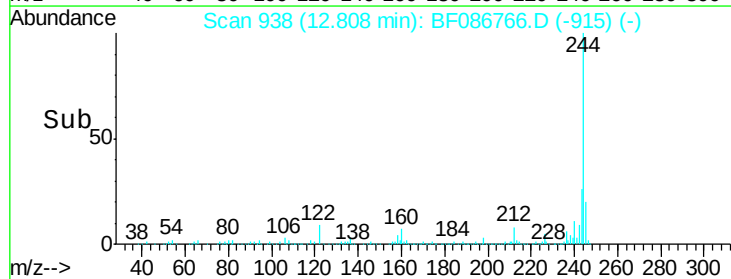
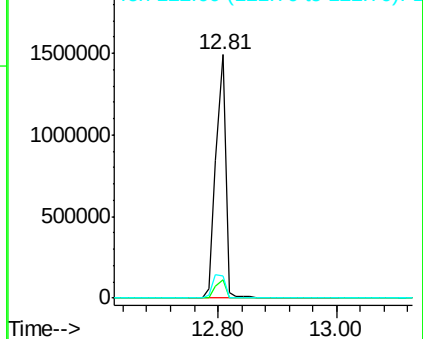
122 9.2 12.0 18.0#

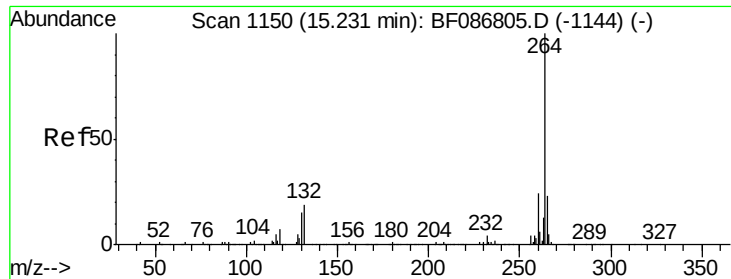


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 40.00 ng
RT: 15.22 min Scan# 1149
Delta R.T. -0.05 min
Lab File: BF086766.D
Acq: 7 May 2016 11:25

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	21.2	17.3	25.9

