

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050716\
 Data File : BF086794.D
 Acq On : 8 May 2016 00:55
 Operator : UM/SJ
 Sample : H2882-06
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MWHR2-8

Quant Time: May 08 04:11:40 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 07 23:59:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	163177	40.00	ng	0.00
21) Naphthalene-d8	7.98	136	670544	40.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	313182	40.00	ng	-0.01
63) Phenanthrene-d10	11.22	188	576271	40.00	ng	0.00
75) Chrysene-d12	13.85	240	371049	40.00	ng	0.00
86) Perylene-d12	15.22	264	292537	40.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	664652	67.43	ng	0.01
7) Phenol-d6	6.36	99	557168	41.96	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1243490	95.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	484005	157.98	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1999552	104.66	ng	0.00
78) Terphenyl-d14	12.81	244	1733484	94.42	ng	0.00

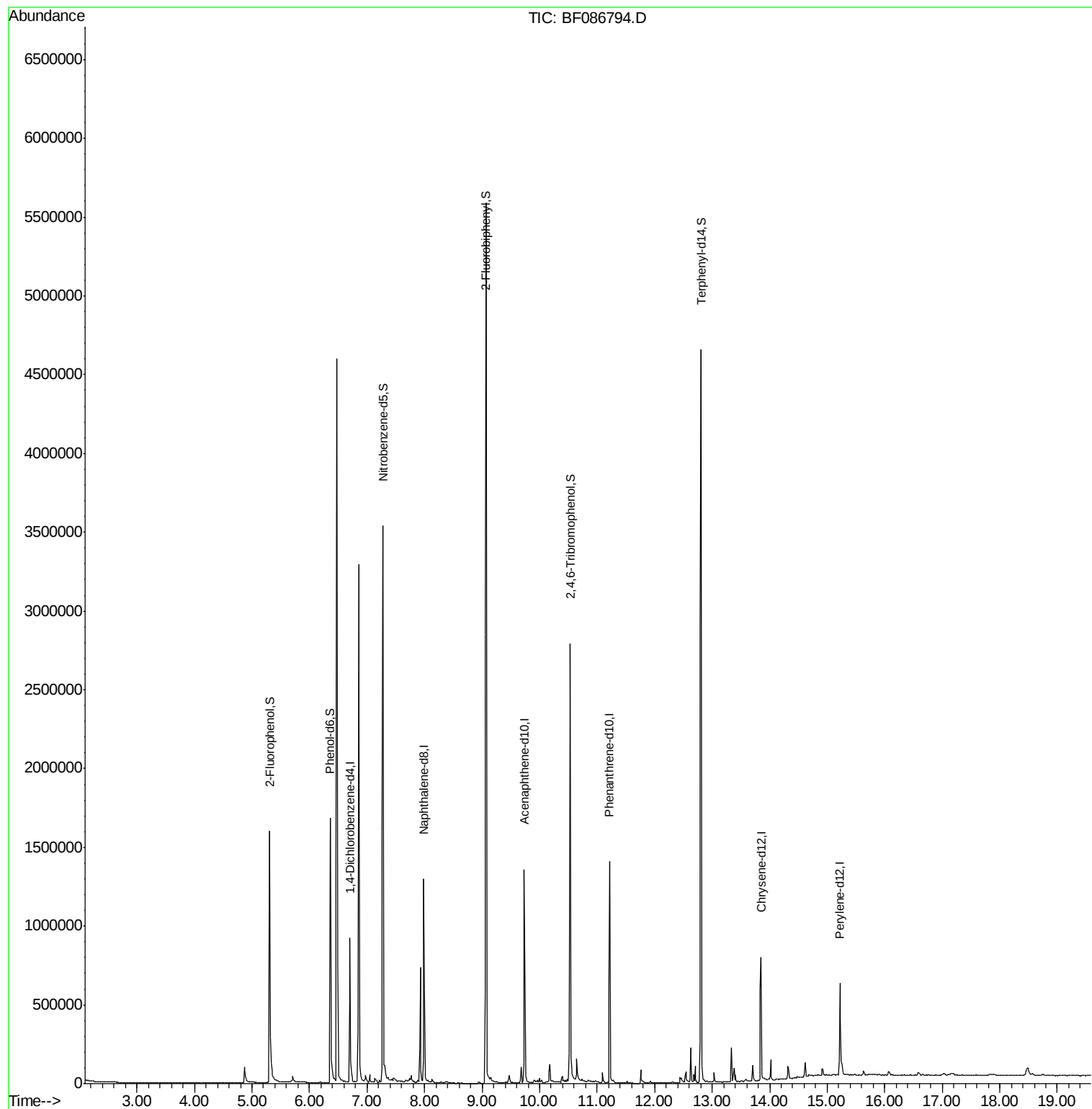
Target Compounds	Qvalue
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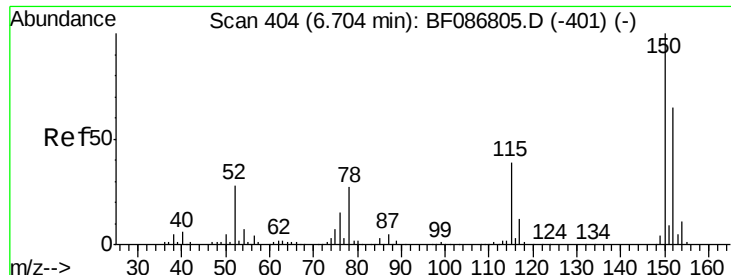
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 40.00 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF086794.D

Acq: 8 May 2016 00:55

Instrument :

BNA_F

ClientSampleId :

MWHR2-8

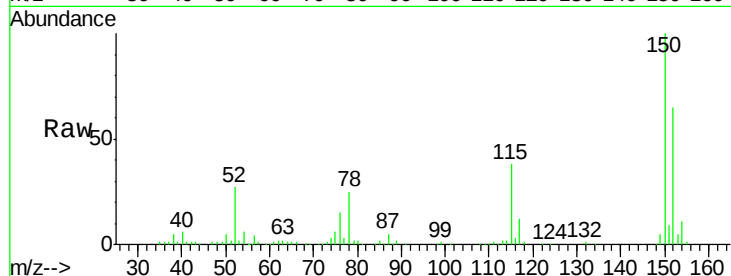
Tgt Ion:152 Resp: 163177

Ion Ratio Lower Upper

152 100

150 154.1 125.8 188.6

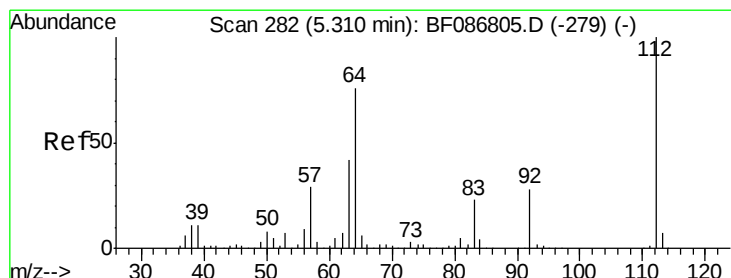
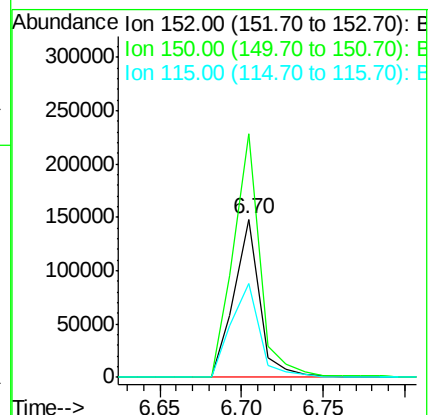
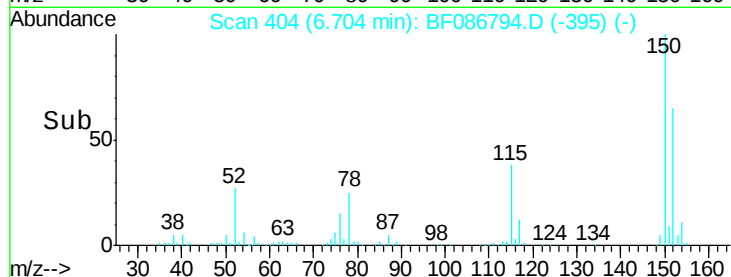
115 59.1 51.5 77.3



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: 67.43 ng

RT: 5.31 min Scan# 282

Delta R.T. 0.01 min

Lab File: BF086794.D

Acq: 8 May 2016 00:55

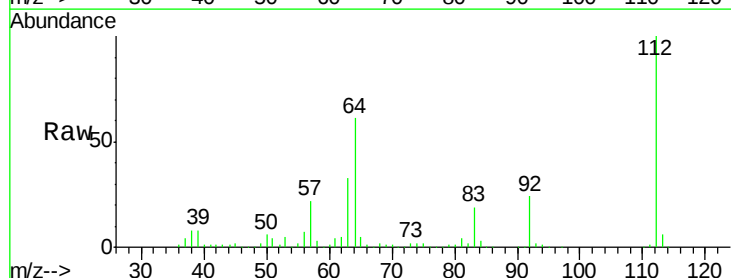
Tgt Ion:112 Resp: 664652

Ion Ratio Lower Upper

112 100

64 61.3 52.1 78.1

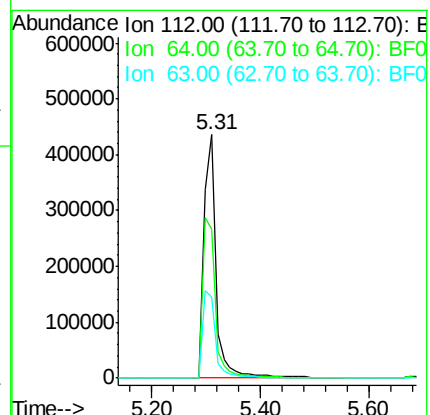
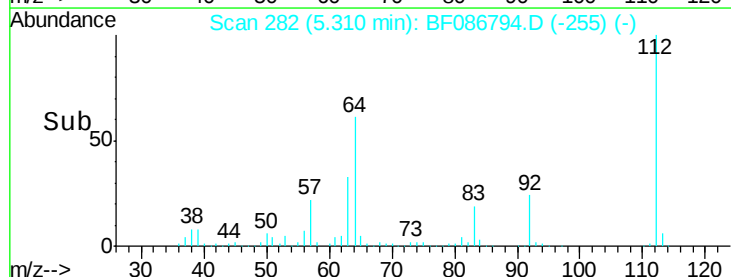
63 33.3 25.7 38.5

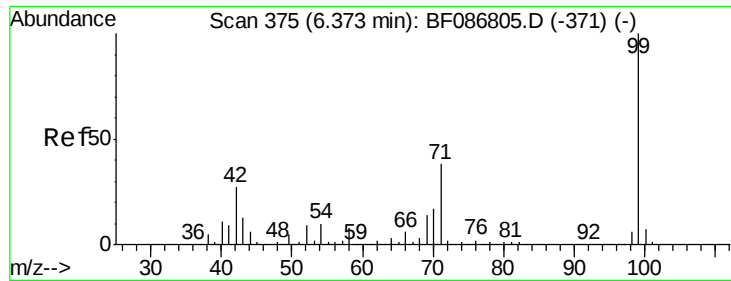


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 41.96 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF086794.D

Acq: 8 May 2016 00:55

Instrument :

BNA_F

ClientSampleId :

MWHR2-8

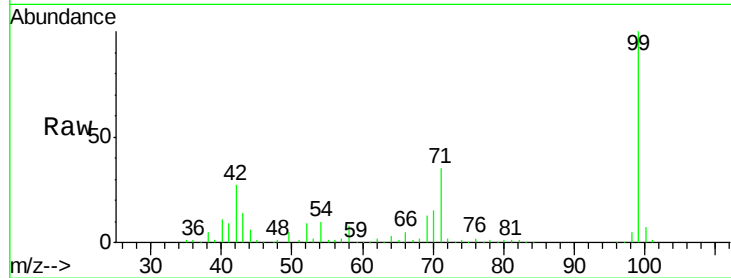
Tgt Ion: 99 Resp: 557168

Ion Ratio Lower Upper

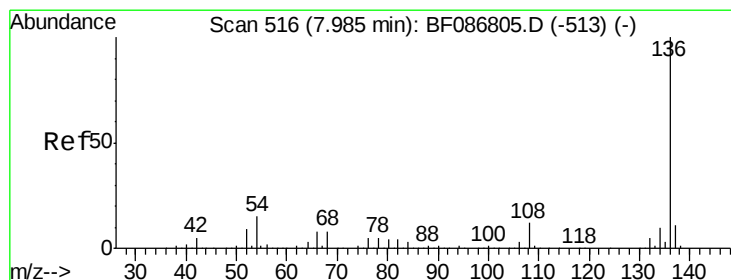
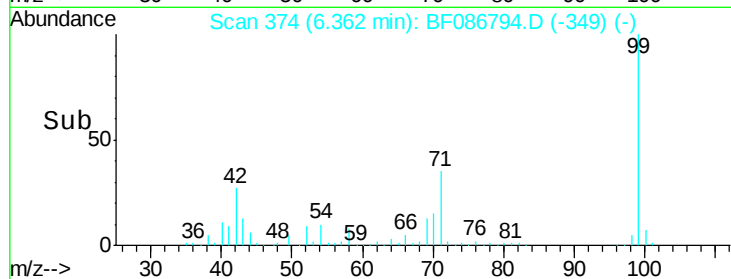
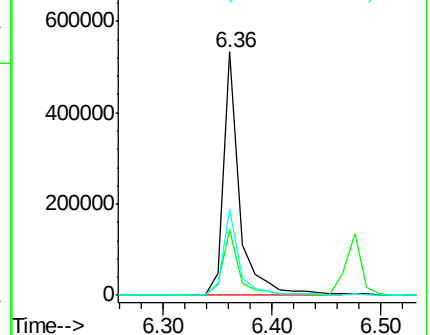
99 100

42 27.2 13.6 20.4#

71 35.3 24.6 36.8



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: 40.00 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF086794.D

Acq: 8 May 2016 00:55

Tgt Ion: 136 Resp: 670544

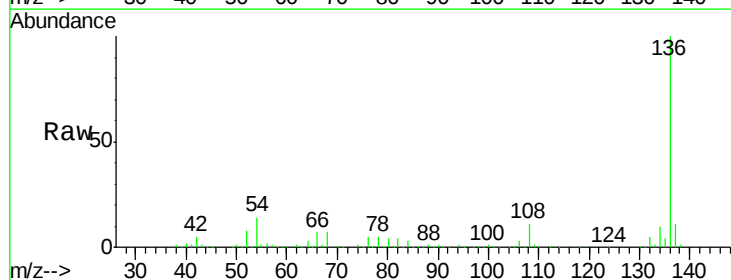
Ion Ratio Lower Upper

136 100

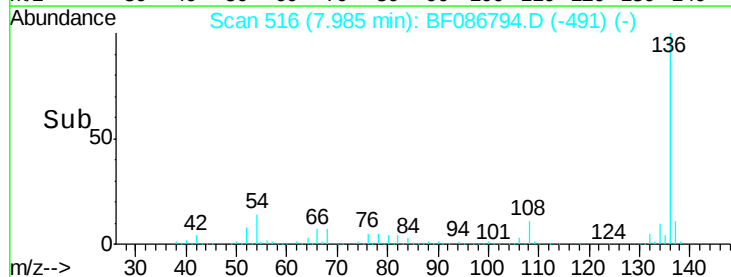
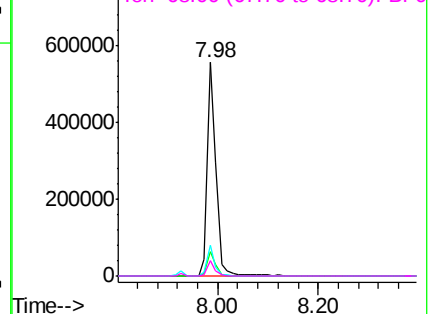
137 11.2 8.8 13.2

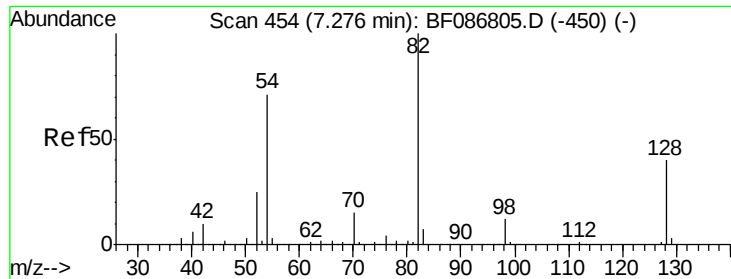
54 14.1 5.0 7.4#

68 7.5 4.4 6.6#



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

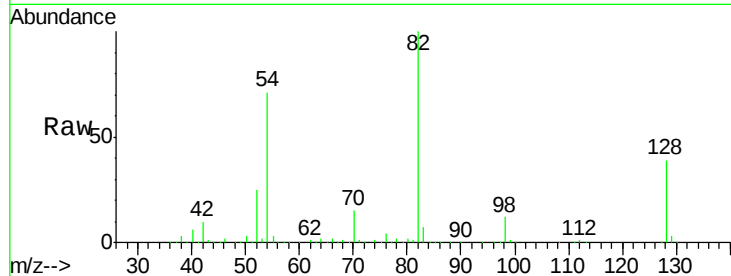




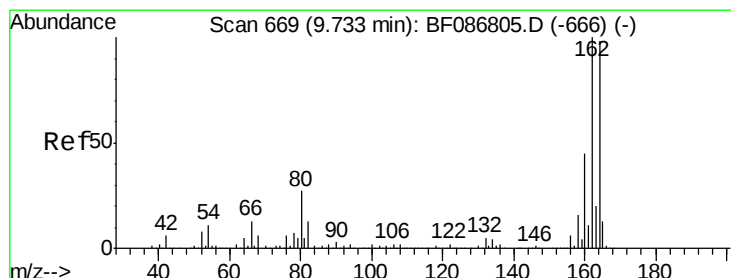
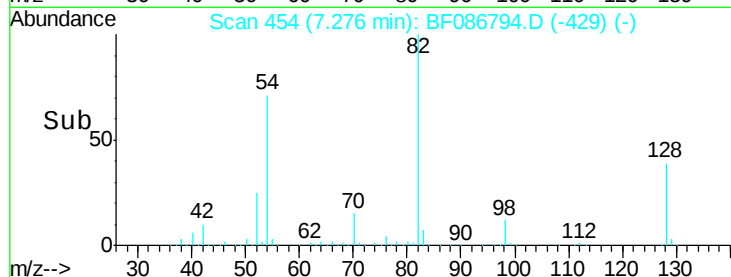
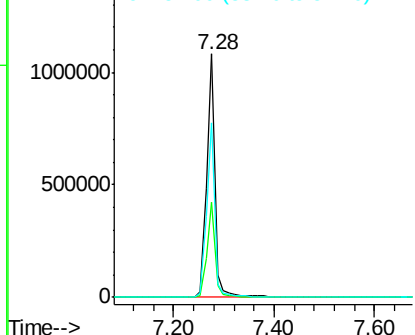
#23
 Nitrobenzene-d5
 Concen: 95.30 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF086794.D
 Acq: 8 May 2016 00:55

Instrument :
 BNA_F
 ClientSampleId :
 MWHR2-8

Tgt Ion: 82 Resp: 1243490
 Ion Ratio Lower Upper
 82 100
 128 39.0 40.6 61.0#
 54 71.5 38.1 57.1#

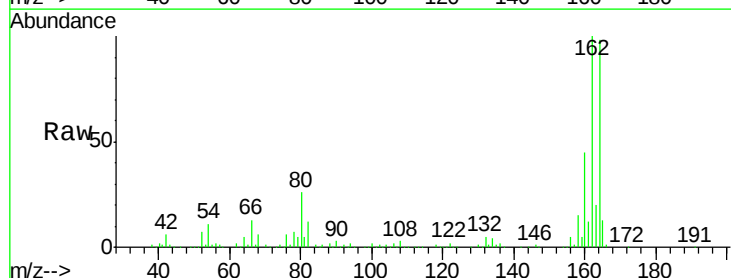


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

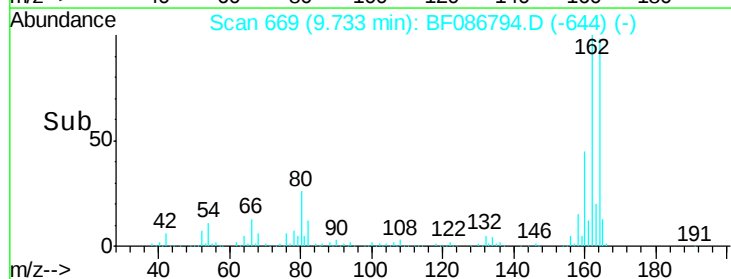
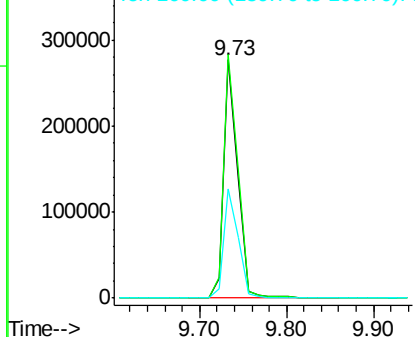


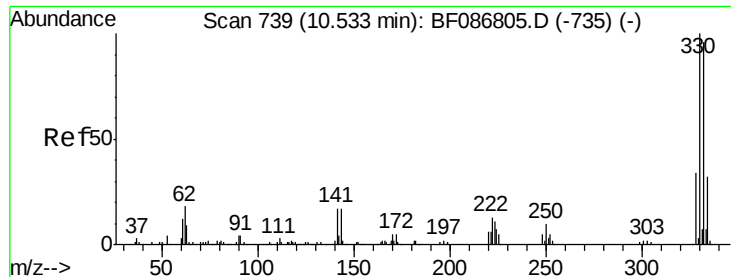
#38
 Acenaphthene-d10
 Concen: 40.00 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.01 min
 Lab File: BF086794.D
 Acq: 8 May 2016 00:55

Tgt Ion: 164 Resp: 313182
 Ion Ratio Lower Upper
 164 100
 162 102.2 82.8 124.2
 160 46.0 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

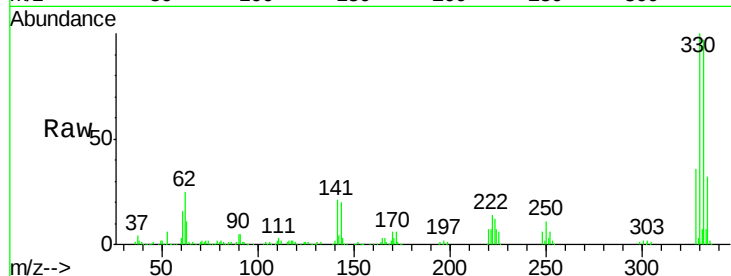




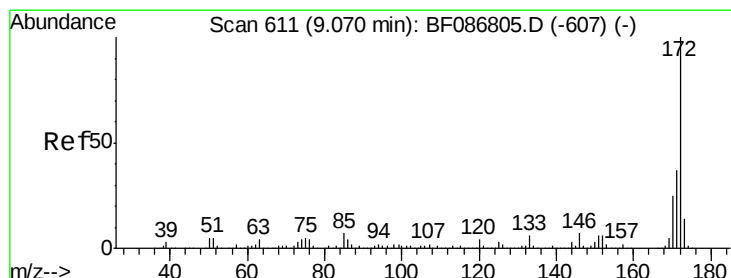
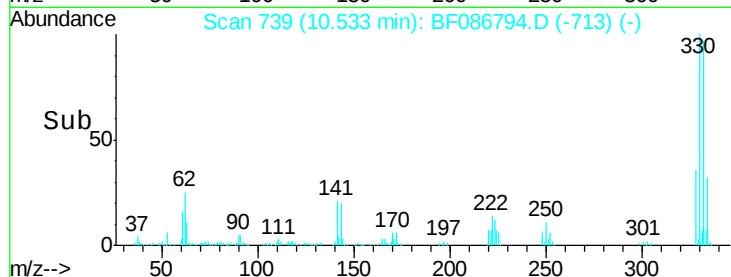
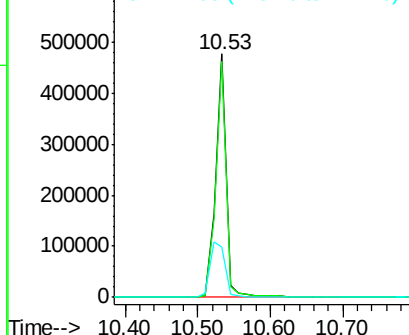
#41
 2,4,6-Tribromophenol
 Concen: 157.98 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BF086794.D
 Acq: 8 May 2016 00:55

Instrument :
 BNA_F
 ClientSampleId :
 MWHR2-8

Tgt Ion:330 Resp: 484005
 Ion Ratio Lower Upper
 330 100
 332 96.1 79.0 118.4
 141 33.0 31.2 46.8

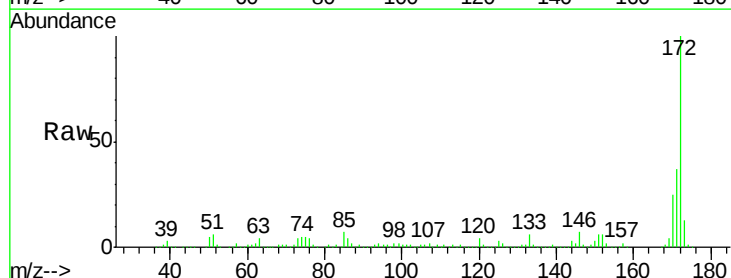


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

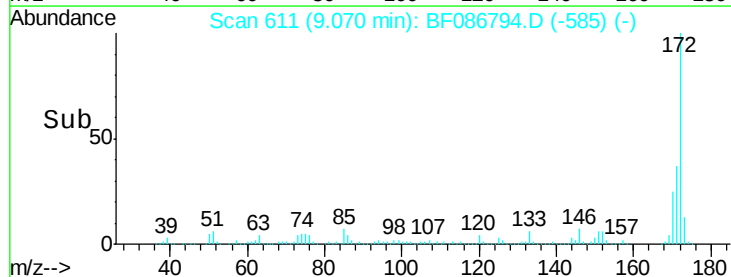
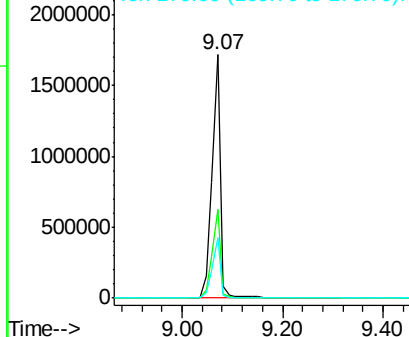


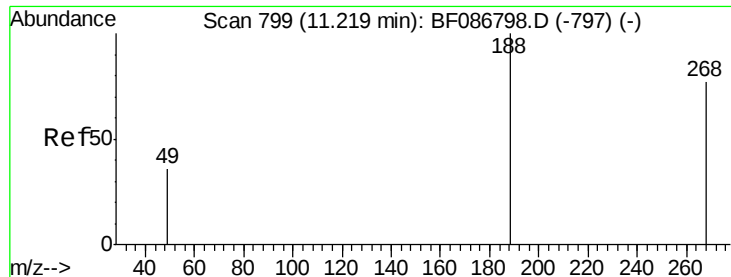
#44
 2-Fluorobiphenyl
 Concen: 104.66 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF086794.D
 Acq: 8 May 2016 00:55

Tgt Ion:172 Resp: 1999552
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.0 43.6
 170 25.0 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

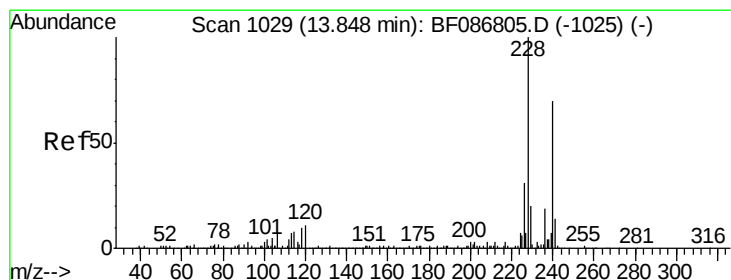
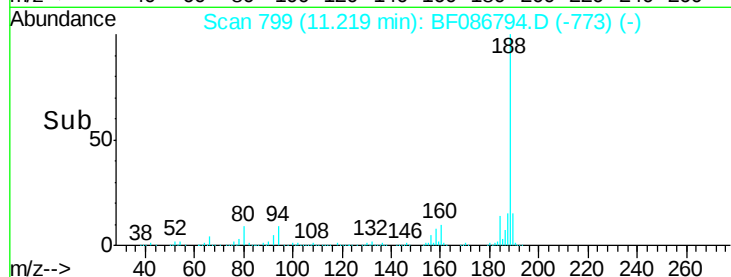
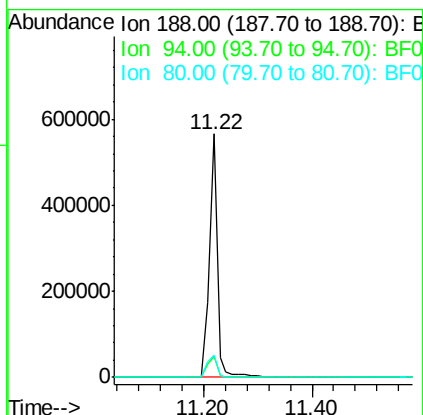
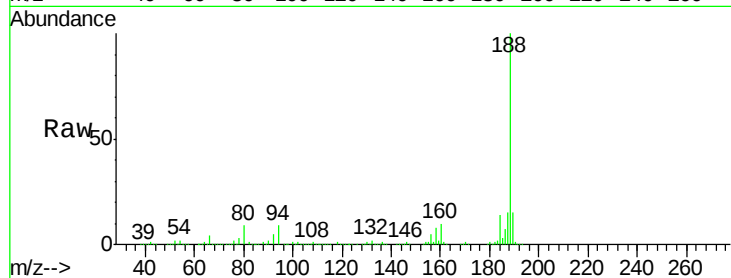




#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF086794.D
Acq: 8 May 2016 00:55

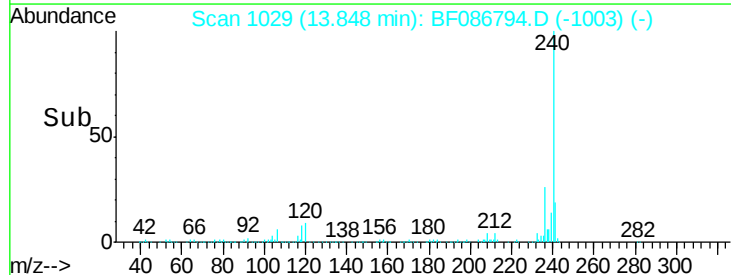
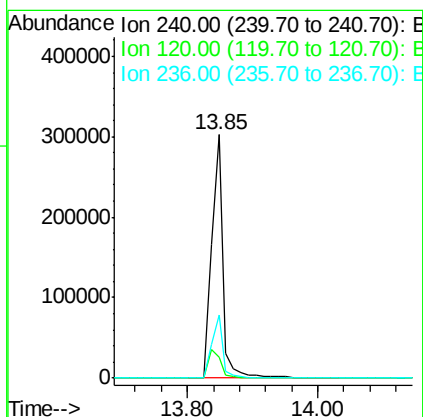
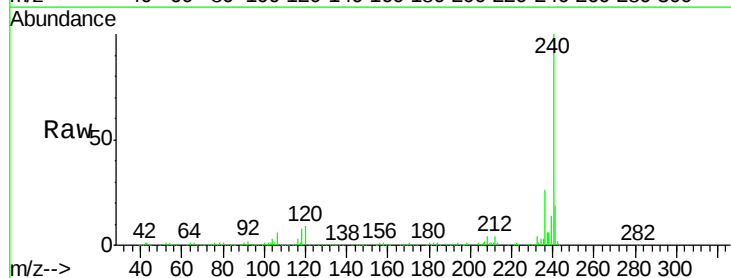
Instrument :
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MWHHR2-8

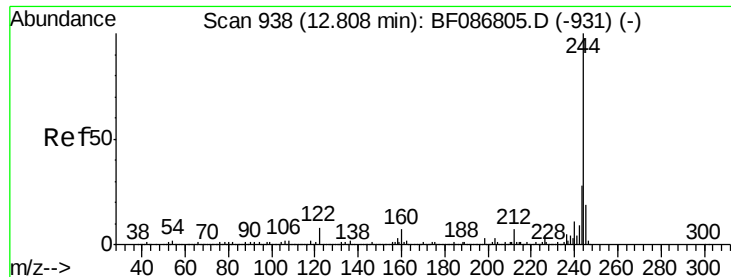
Tgt Ion:188 Resp: 576271
Ion Ratio Lower Upper
188 100
94 8.6 6.8 10.2
80 8.9 7.1 10.7



#75
Chrysene-d12
Concen: 40.00 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF086794.D
Acq: 8 May 2016 00:55

Tgt Ion:240 Resp: 371049
Ion Ratio Lower Upper
240 100
120 8.5 11.2 16.8#
236 26.0 21.2 31.8

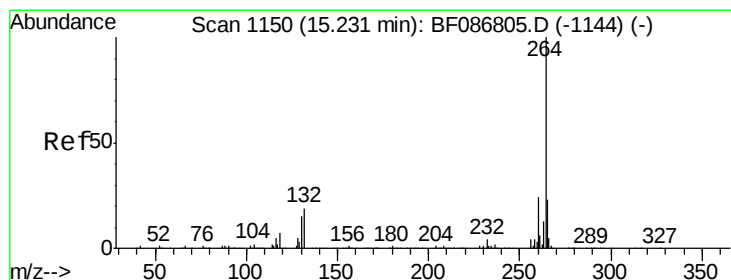
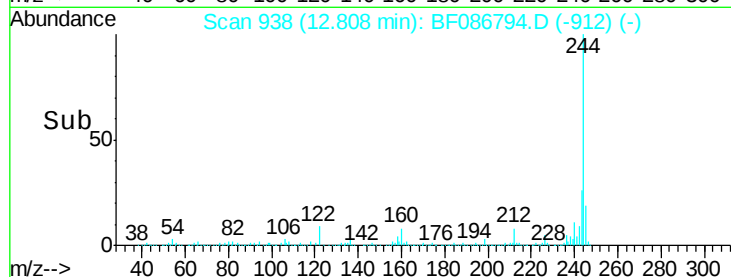
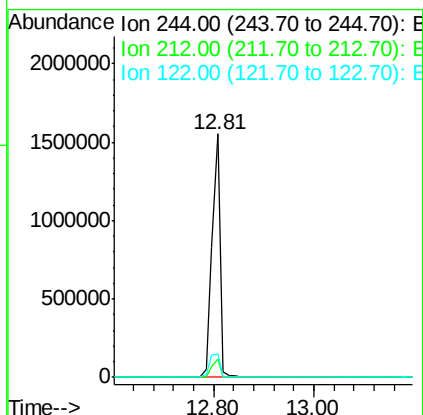
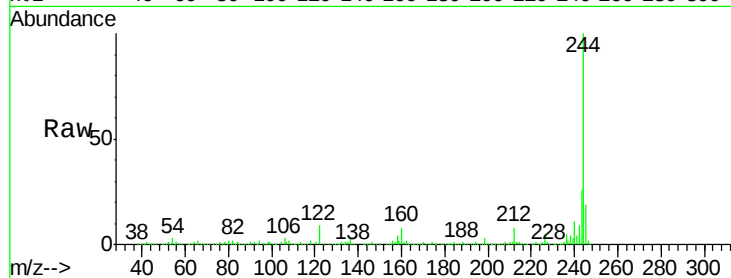




#78
 Terphenyl-d14
 Concen: 94.42 ng
 RT: 12.81 min Scan# 938
 Delta R.T. -0.00 min
 Lab File: BF086794.D
 Acq: 8 May 2016 00:55

Instrument :
 BNA_F
 ClientSampleId :
 MWHR2-8

Tgt Ion:244 Resp: 1733484
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 9.4 12.0 18.0#



#86
 Perylene-d12
 Concen: 40.00 ng
 RT: 15.22 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BF086794.D
 Acq: 8 May 2016 00:55

Tgt Ion:264 Resp: 292537
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.5 29.3
 265 21.4 17.3 25.9

