

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
 Data File : BF085854.D
 Acq On : 29 Mar 2016 17:44
 Operator : UM/SJ
 Sample : PB89295BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89295BL

Quant Time: Mar 30 01:06:28 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 15:27:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	109491	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	450284	20.00	ng	-0.02
38) Acenaphthene-d10	9.84	164	209893	20.00	ng	-0.02
63) Phenanthrene-d10	11.33	188	423905	20.00	ng	-0.02
75) Chrysene-d12	13.96	240	307292	20.00	ng	-0.02
86) Perylene-d12	15.37	264	225130	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	833053	126.71	ng	0.00
7) Phenol-d6	6.45	99	1065643	127.49	ng	-0.01
23) Nitrobenzene-d5	7.37	82	656692	82.13	ng	-0.02
41) 2,4,6-Tribromophenol	10.63	330	235935	118.31	ng	-0.02
44) 2-Fluorobiphenyl	9.17	172	997509	79.40	ng	-0.02
78) Terphenyl-d14	12.92	244	1163450	77.87	ng	-0.01

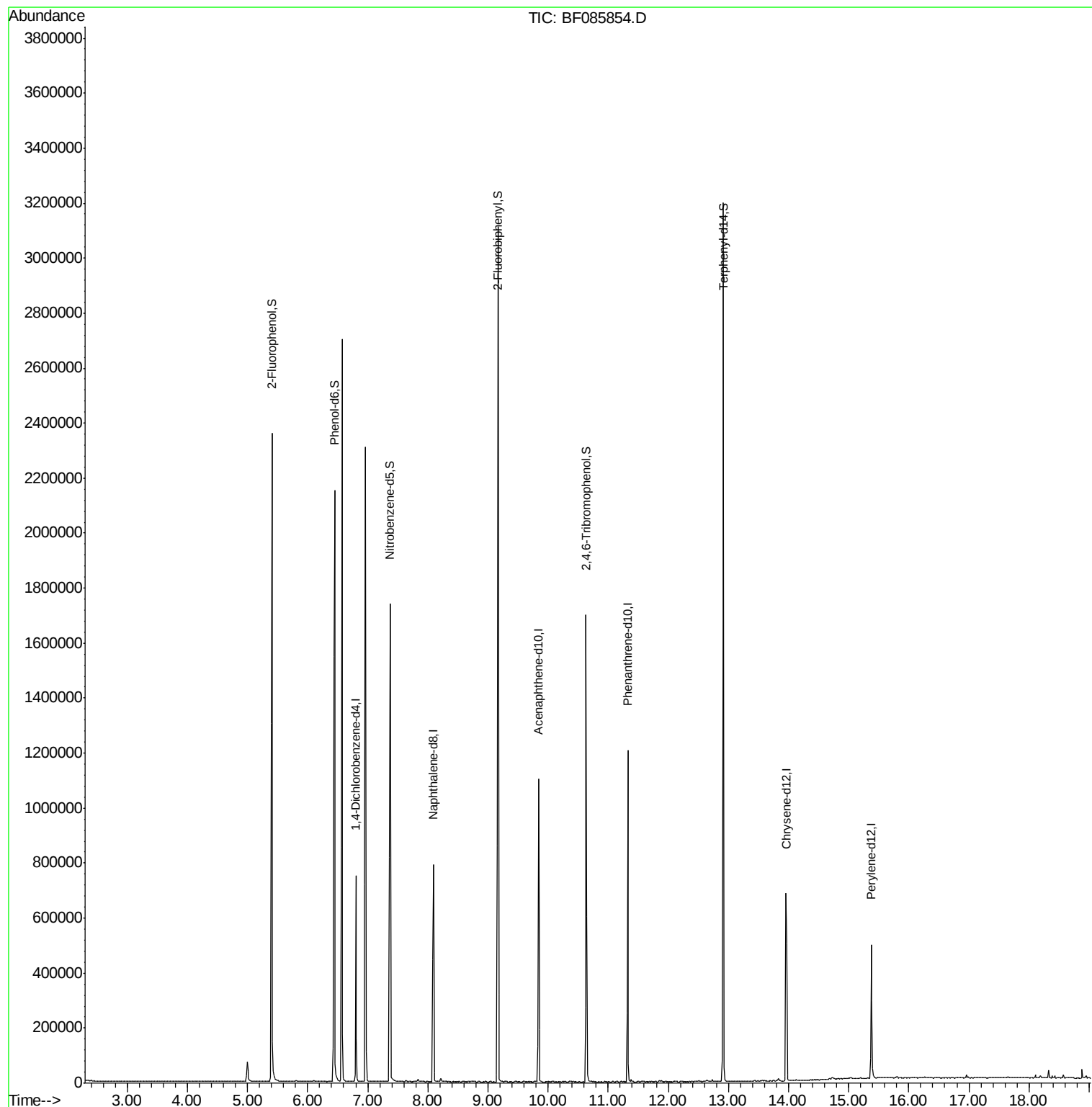
Target Compounds	Qvalue
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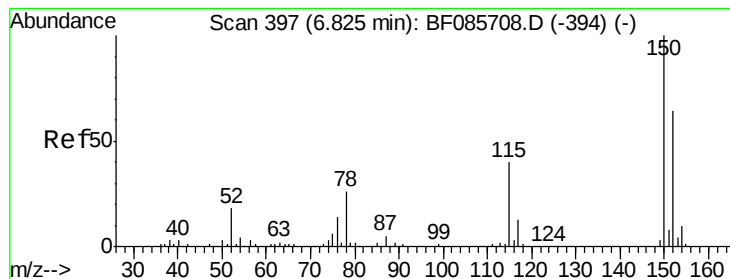
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF085854.D

Acq: 29 Mar 2016 17:44

Instrument :

BNA_F

ClientSampleId :

PB89295BL

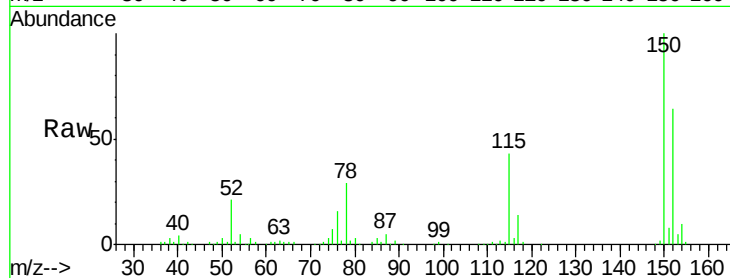
Tgt Ion:152 Resp: 109491

Ion Ratio Lower Upper

152 100

150 157.2 124.2 186.2

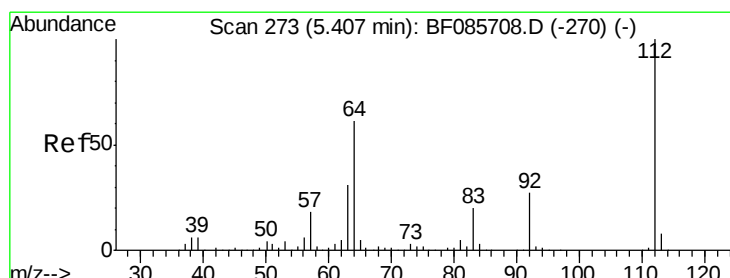
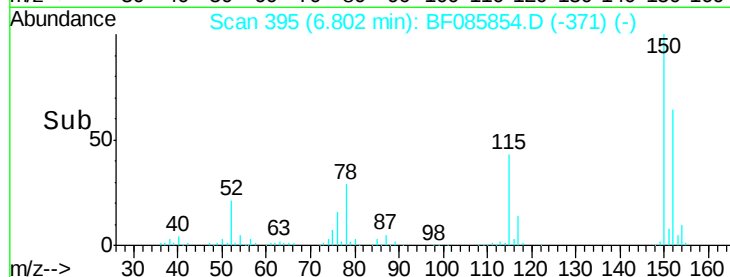
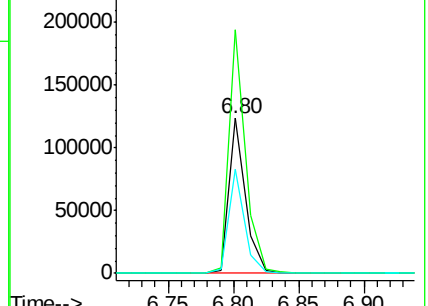
115 67.4 47.0 70.6



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: 126.71 ng

RT: 5.41 min Scan# 273

Delta R.T. 0.00 min

Lab File: BF085854.D

Acq: 29 Mar 2016 17:44

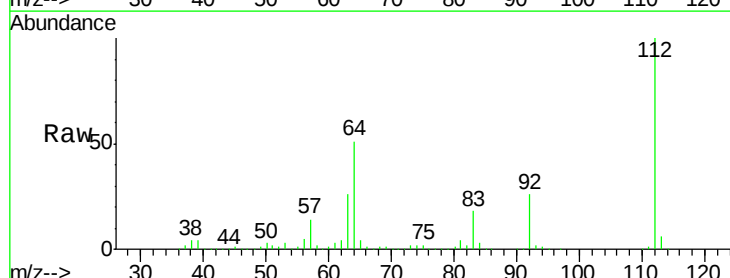
Tgt Ion:112 Resp: 833053

Ion Ratio Lower Upper

112 100

64 50.8 39.9 59.9

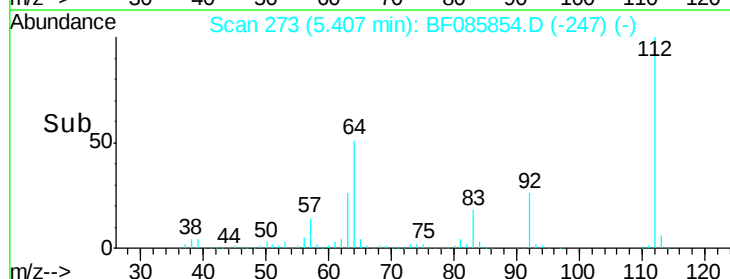
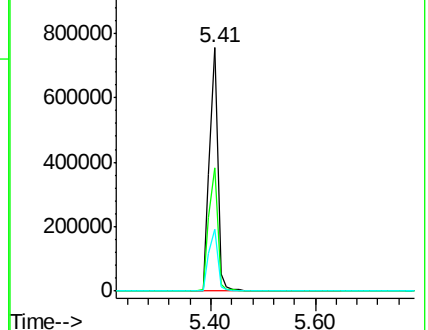
63 25.6 20.2 30.2



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: 127.49 ng

RT: 6.45 min Scan# 364

Delta R.T. -0.01 min

Lab File: BF085854.D

Acq: 29 Mar 2016 17:44

Instrument :

BNA_F

ClientSampleId :

PB89295BL

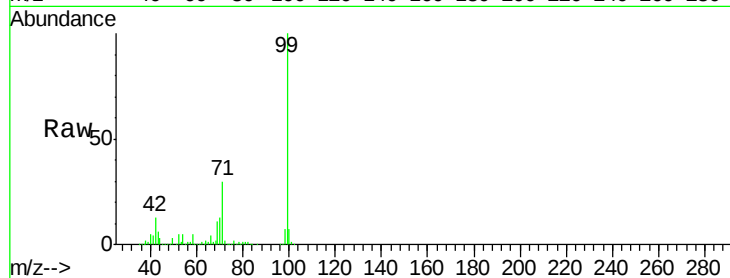
Tgt Ion: 99 Resp: 1065643

Ion Ratio Lower Upper

99 100

42 12.8 11.1 16.7

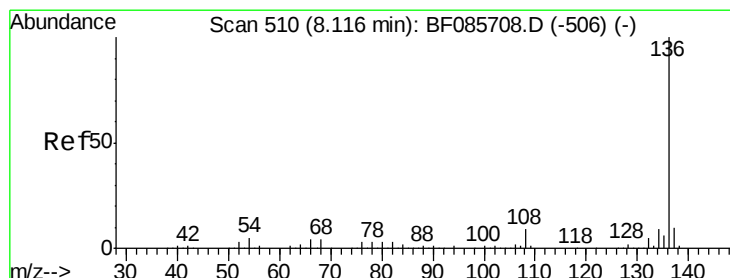
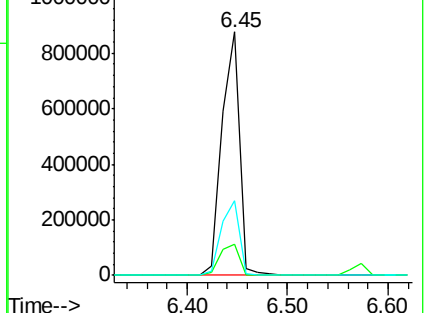
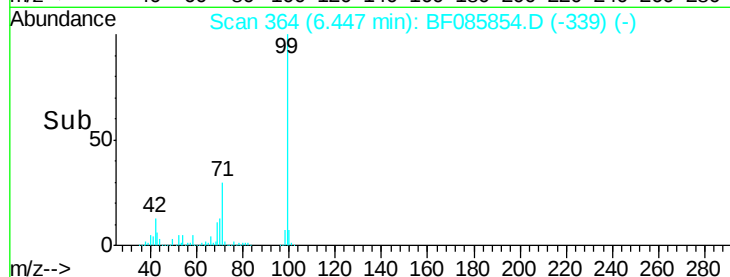
71 30.4 24.9 37.3



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: 8.09 min Scan# 508

Delta R.T. -0.02 min

Lab File: BF085854.D

Acq: 29 Mar 2016 17:44

Tgt Ion: 136 Resp: 450284

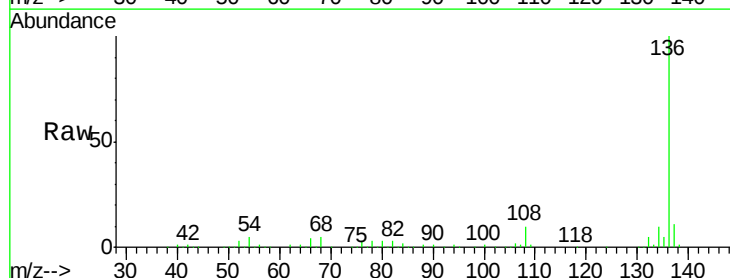
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 5.1 7.4 11.0#

68 4.5 5.8 8.8#

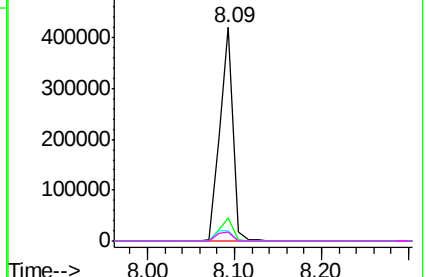
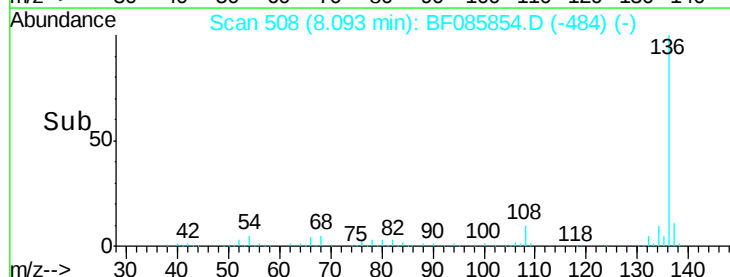


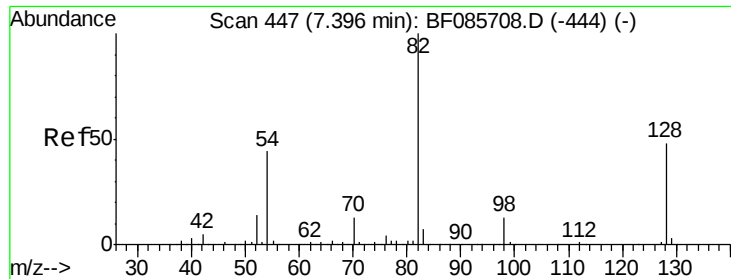
Abundance Ion 136.00 (135.70 to 136.70): E

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

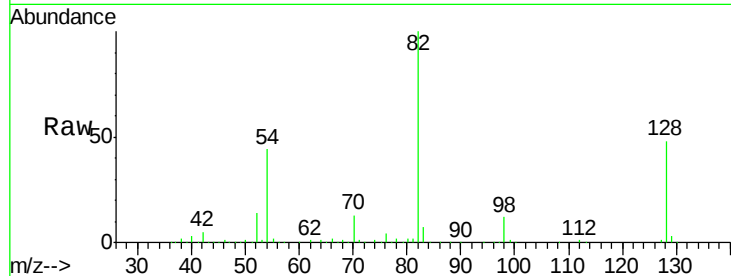




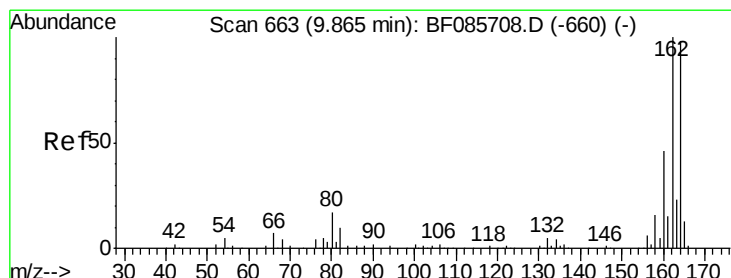
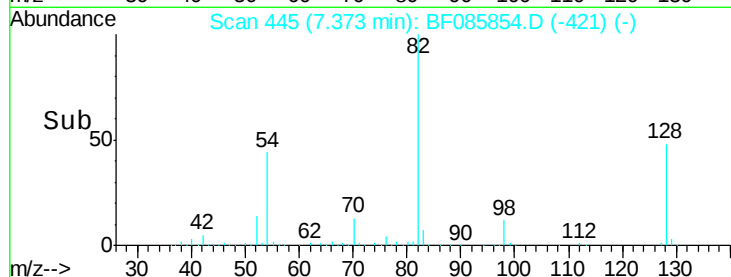
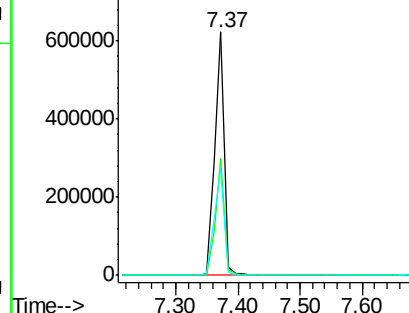
#23
 Nitrobenzene-d5
 Concen: 82.13 ng
 RT: 7.37 min Scan# 445
 Delta R.T. -0.02 min
 Lab File: BF085854.D
 Acq: 29 Mar 2016 17:44

Instrument :
 BNA_F
 ClientSampleId :
 PB89295BL

Tgt Ion: 82 Resp: 656692
 Ion Ratio Lower Upper
 82 100
 128 48.1 41.8 62.8
 54 43.7 33.4 50.0

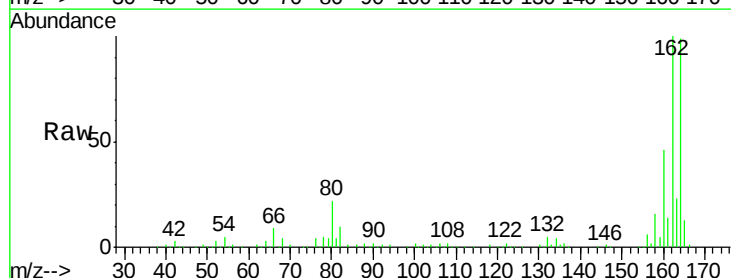


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

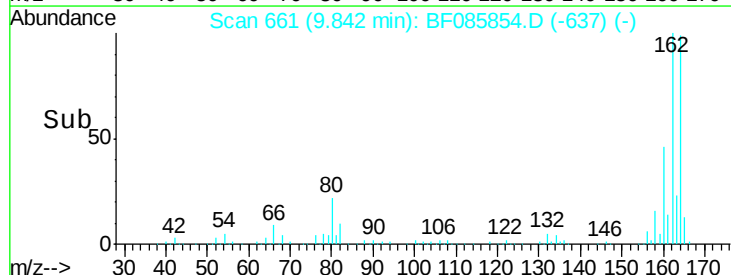
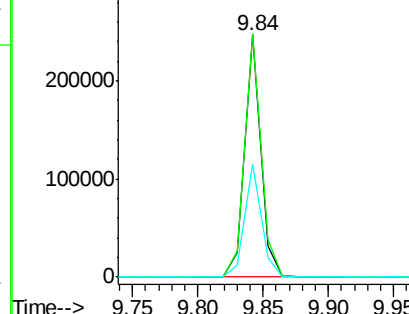


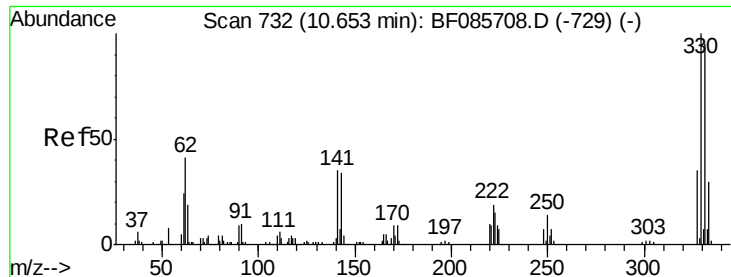
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 661
 Delta R.T. -0.02 min
 Lab File: BF085854.D
 Acq: 29 Mar 2016 17:44

Tgt Ion: 164 Resp: 209893
 Ion Ratio Lower Upper
 164 100
 162 100.7 82.1 123.1
 160 46.7 37.4 56.2



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

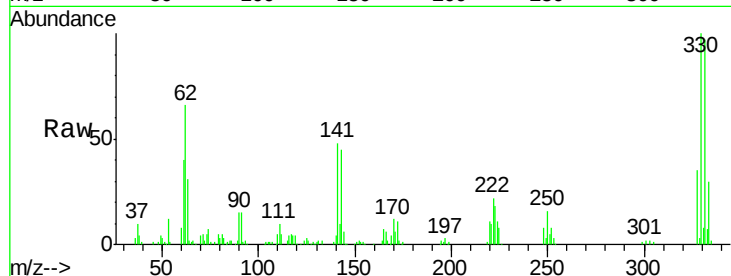




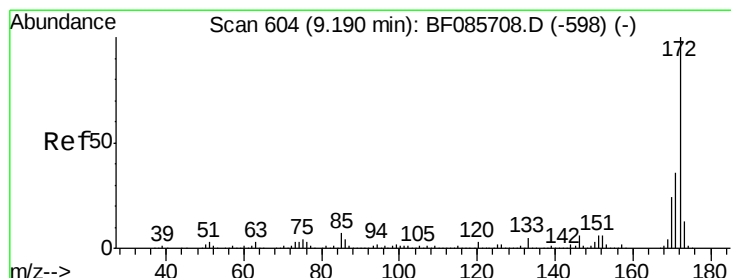
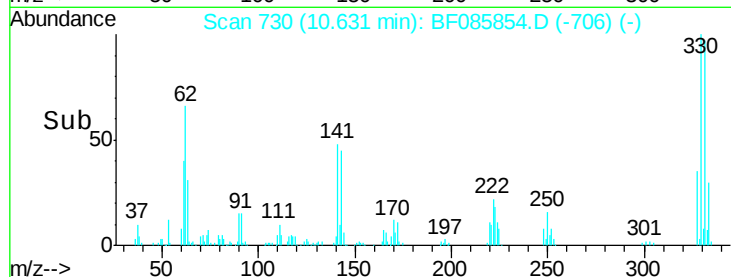
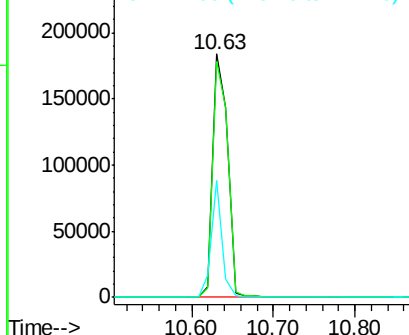
#41
 2,4,6-Tribromophenol
 Concen: 118.31 ng
 RT: 10.63 min Scan# 730
 Delta R.T. -0.02 min
 Lab File: BF085854.D
 Acq: 29 Mar 2016 17:44

Instrument :
 BNA_F
 ClientSampled :
 PB89295BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.2	78.2	117.2
141	35.1	31.5	47.3

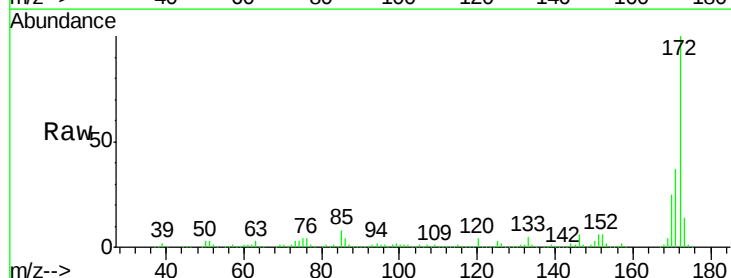


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

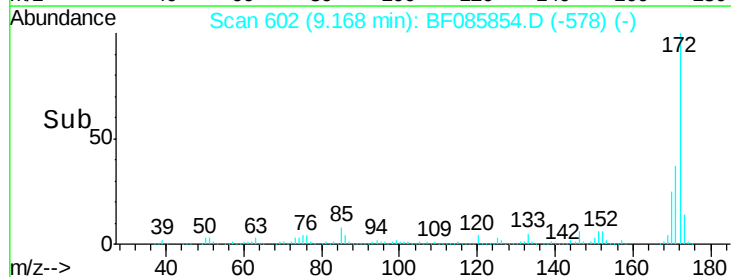
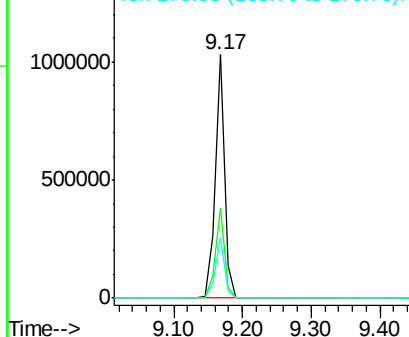


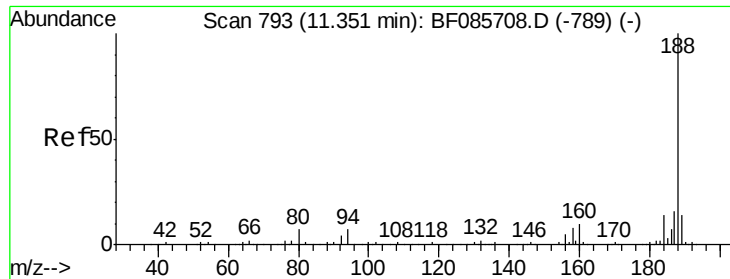
#44
 2-Fluorobiphenyl
 Concen: 79.40 ng
 RT: 9.17 min Scan# 602
 Delta R.T. -0.02 min
 Lab File: BF085854.D
 Acq: 29 Mar 2016 17:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.4	44.2
170	24.9	19.8	29.6



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

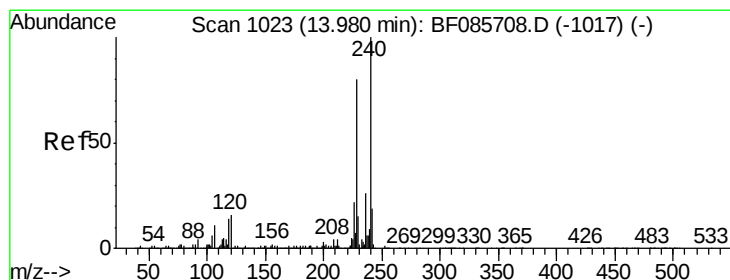
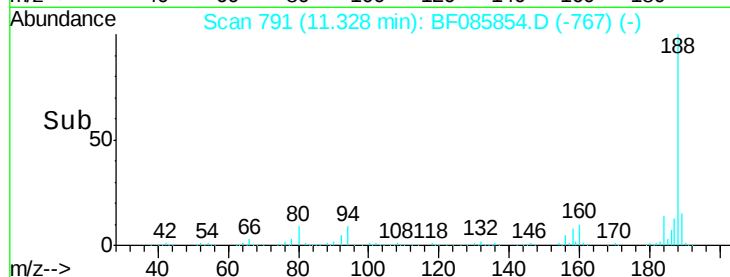
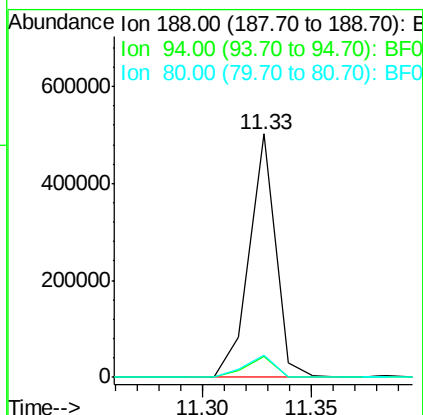
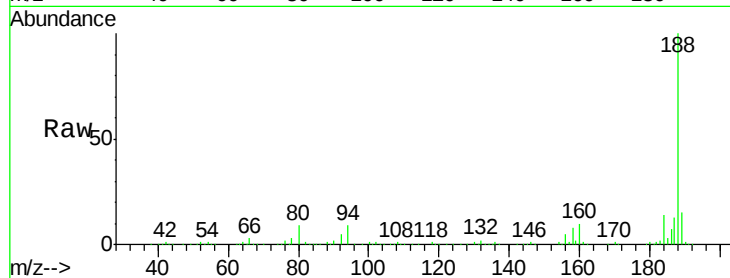




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 791
Delta R.T. -0.02 min
Lab File: BF085854.D
Acq: 29 Mar 2016 17:44

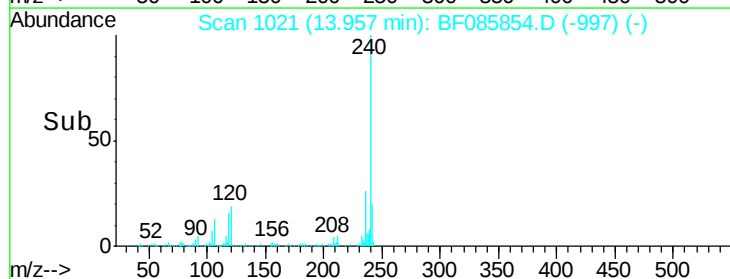
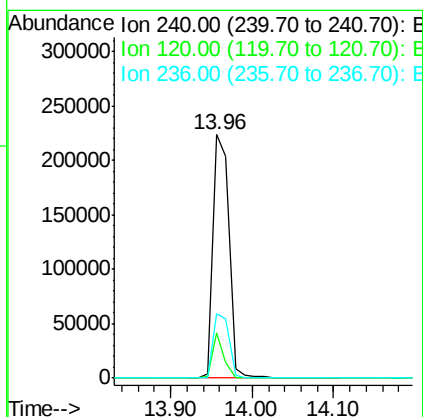
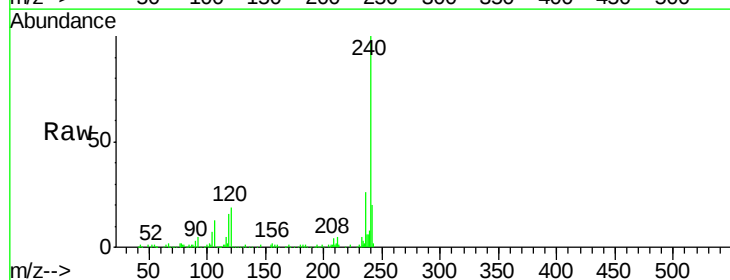
Instrument :
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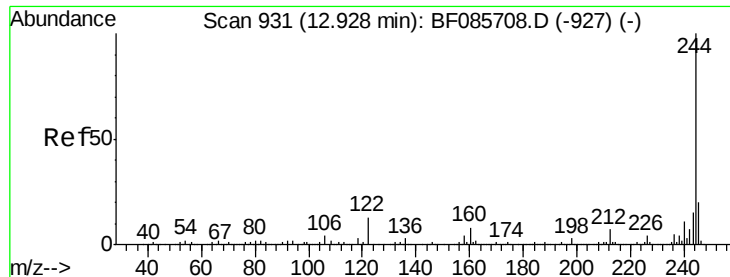
Tgt Ion:188 Resp: 423905
Ion Ratio Lower Upper
188 100
94 8.8 5.4 8.0#
80 9.2 5.5 8.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1021
Delta R.T. -0.02 min
Lab File: BF085854.D
Acq: 29 Mar 2016 17:44

Tgt Ion:240 Resp: 307292
Ion Ratio Lower Upper
240 100
120 18.7 13.8 20.8
236 26.3 20.6 30.8

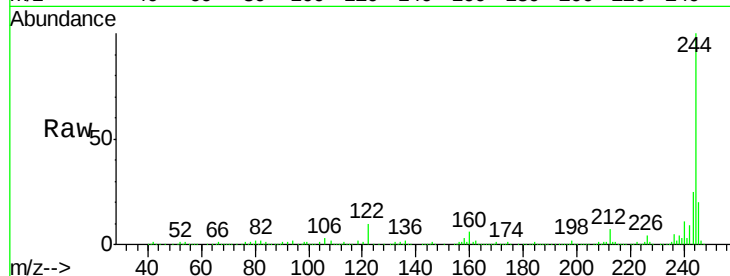




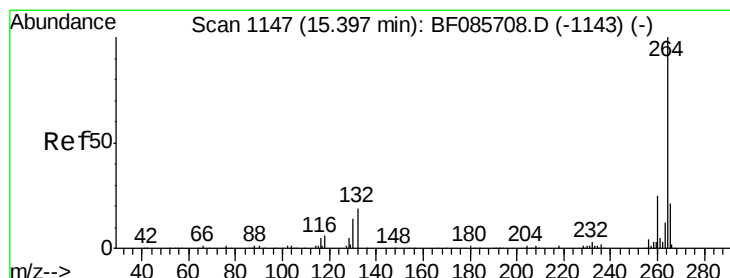
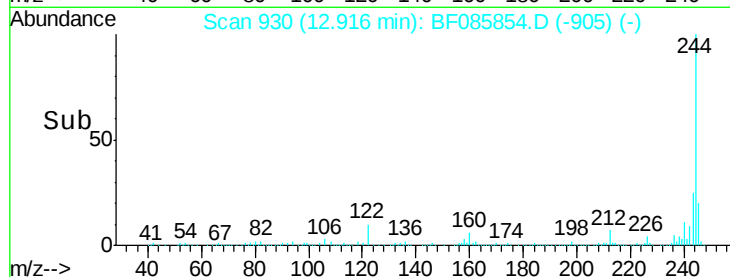
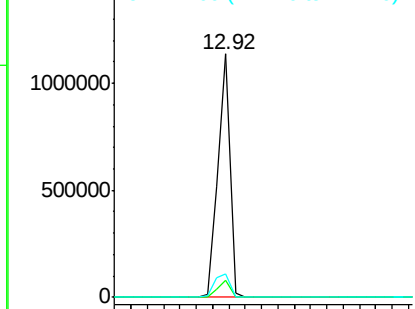
#78
 Terphenyl-d14
 Concen: 77.87 ng
 RT: 12.92 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BF085854.D
 Acq: 29 Mar 2016 17:44

Instrument :
 BNA_F
 ClientSampleId :
 PB89295BL

Tgt Ion:244 Resp: 1163450
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 9.7 10.2 15.4#

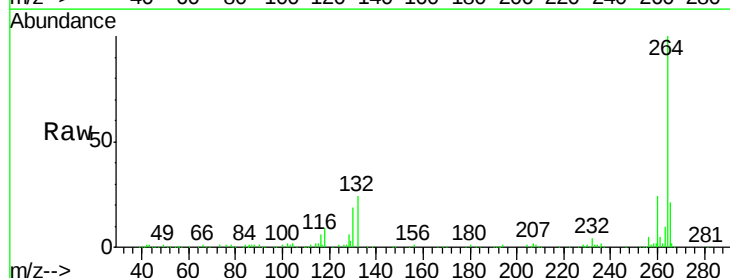


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1145
 Delta R.T. -0.02 min
 Lab File: BF085854.D
 Acq: 29 Mar 2016 17:44

Tgt Ion:264 Resp: 225130
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.2
 265 21.3 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

