

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
 Data File : BF086746.D
 Acq On : 7 May 2016 1:49
 Operator : UM/SJ
 Sample : H2770-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ERM4

Quant Time: May 07 04:25:20 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 03:18:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	159417	40.00	ng	0.00
21) Naphthalene-d8	8.00	136	652900	40.00	ng	0.00
38) Acenaphthene-d10	9.74	164	322867	40.00	ng	0.00
63) Phenanthrene-d10	11.22	188	596515	40.00	ng	-0.01
75) Chrysene-d12	13.85	240	430344	40.00	ng	-0.01
86) Perylene-d12	15.23	264	314070	40.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	505936	52.54	ng	-0.01
7) Phenol-d6	6.36	99	401915	30.98	ng	-0.02
23) Nitrobenzene-d5	7.28	82	1109524	87.33	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	435285	137.82	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1795969	91.18	ng	-0.01
78) Terphenyl-d14	12.81	244	1532610	71.98	ng	0.00

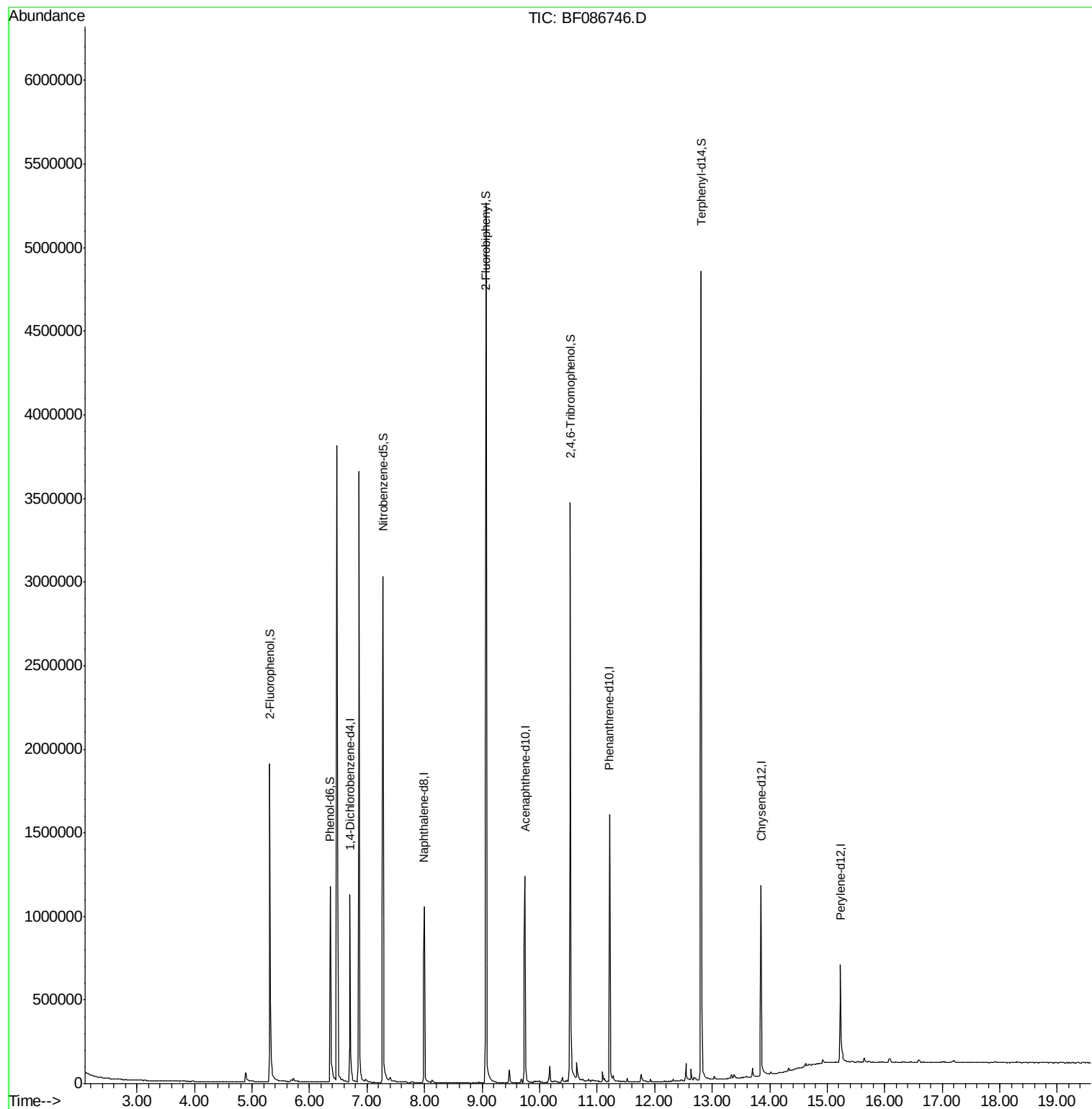
Target Compounds	Qvalue
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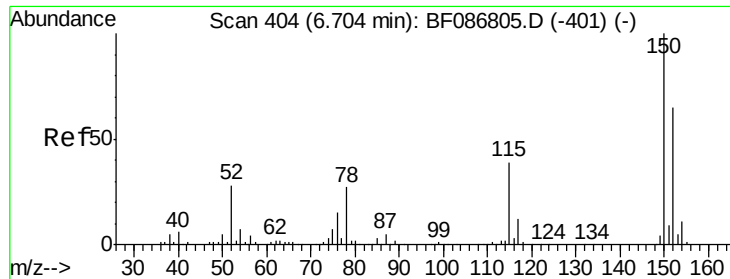
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF086746.D

Acq: 7 May 2016 1:49

Instrument :

BNA_F

ClientSampleId :

ERM4

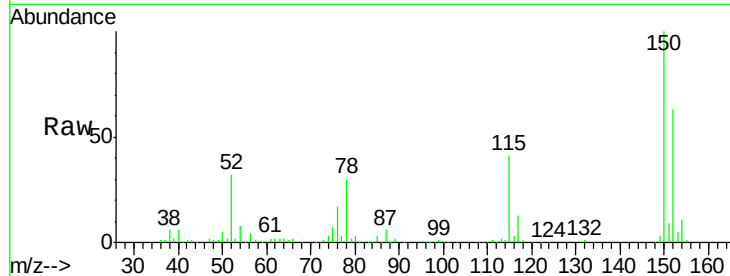
Tgt Ion:152 Resp: 159417

Ion Ratio Lower Upper

152 100

150 158.2 125.8 188.6

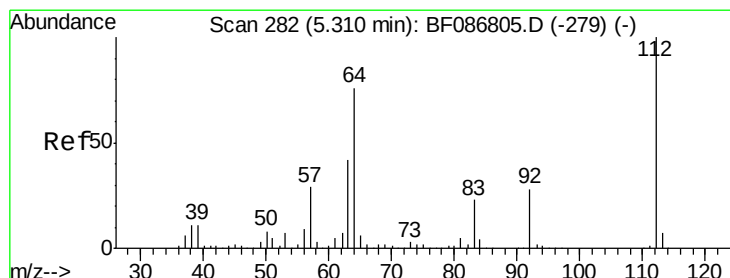
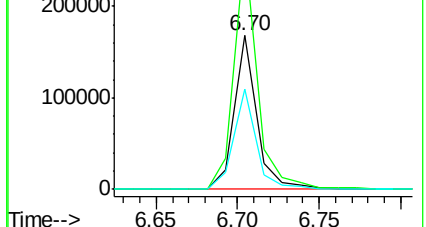
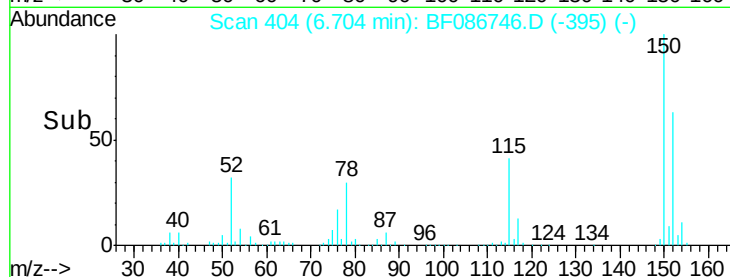
115 65.0 51.5 77.3



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: 52.54 ng

RT: 5.31 min Scan# 282

Delta R.T. -0.01 min

Lab File: BF086746.D

Acq: 7 May 2016 1:49

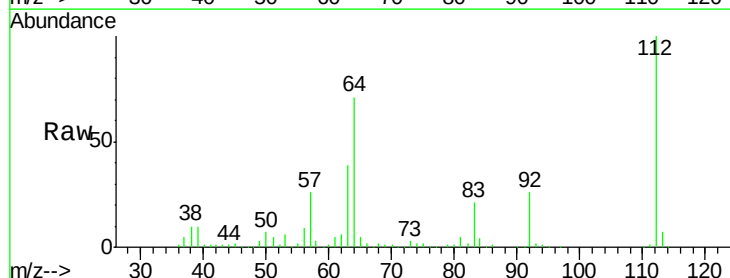
Tgt Ion:112 Resp: 505936

Ion Ratio Lower Upper

112 100

64 70.8 52.1 78.1

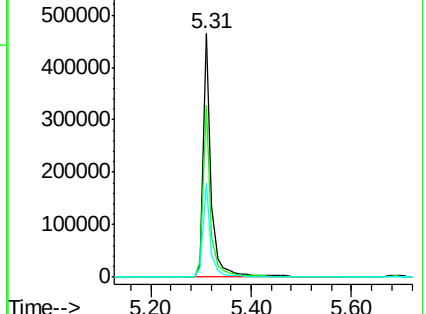
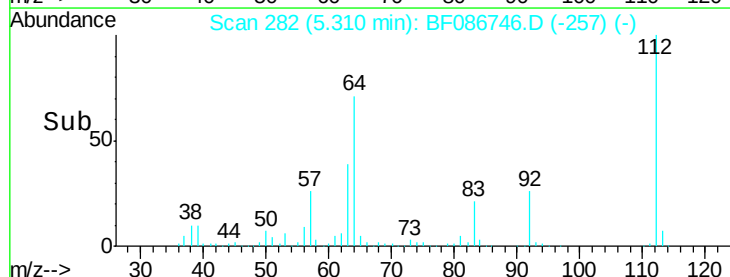
63 38.6 25.7 38.5

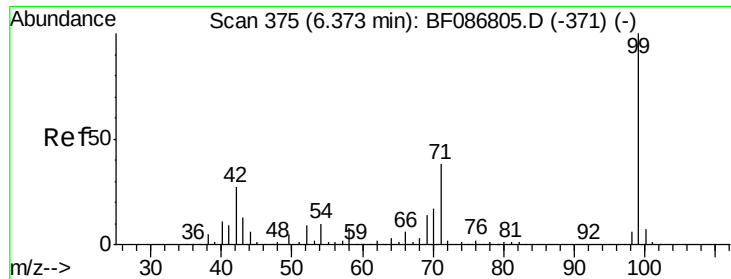


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 30.98 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.02 min

Lab File: BF086746.D

Acq: 7 May 2016 1:49

Instrument :

BNA_F

ClientSampled :

ERM4

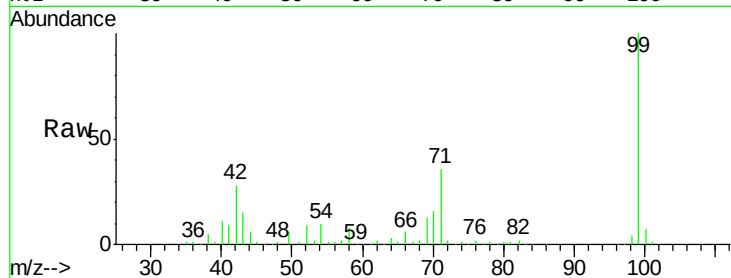
Tgt Ion: 99 Resp: 401915

Ion Ratio Lower Upper

99 100

42 28.5 13.6 20.4#

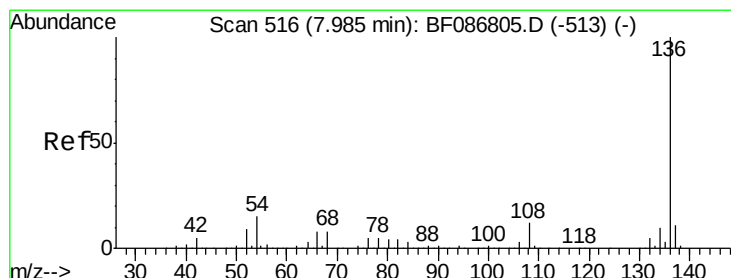
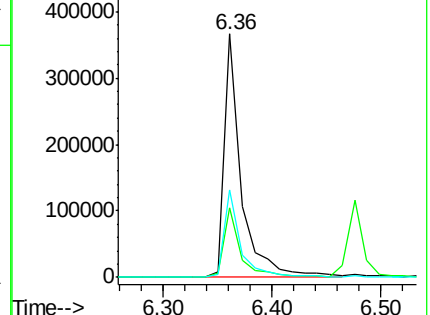
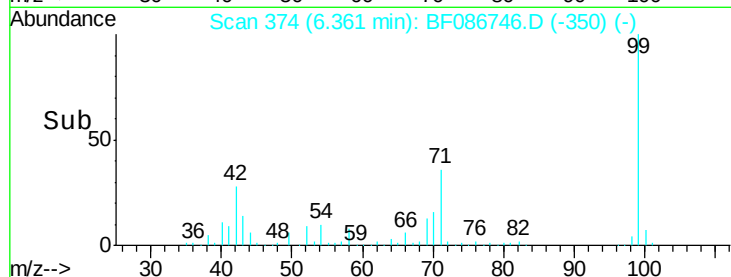
71 36.1 24.6 36.8



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: 8.00 min Scan# 517

Delta R.T. -0.00 min

Lab File: BF086746.D

Acq: 7 May 2016 1:49

Tgt Ion: 136 Resp: 652900

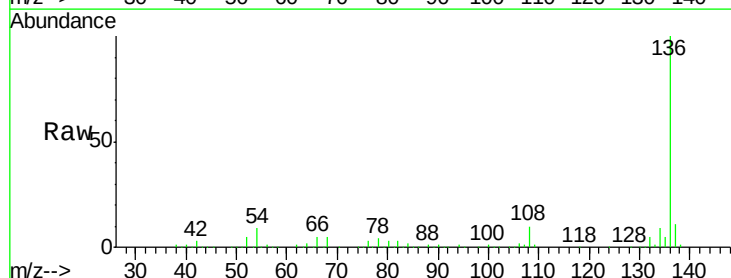
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 8.9 5.0 7.4#

68 5.3 4.4 6.6

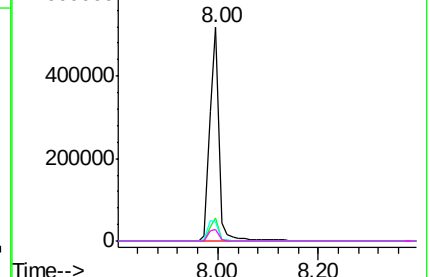
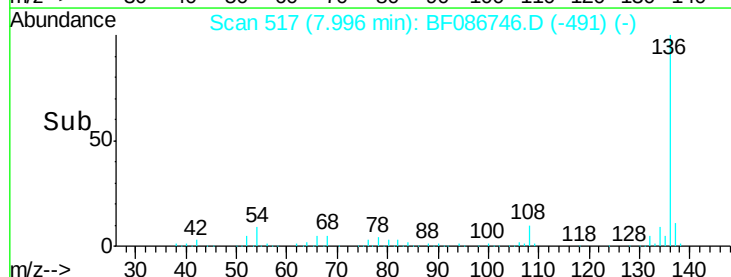


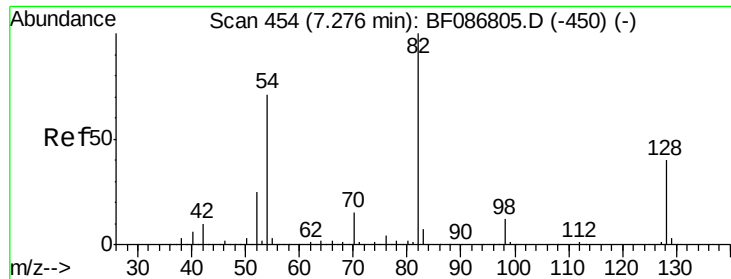
Abundance Ion 136.00 (135.70 to 136.70): E

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

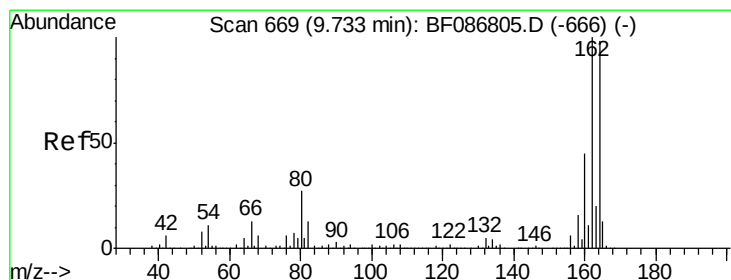
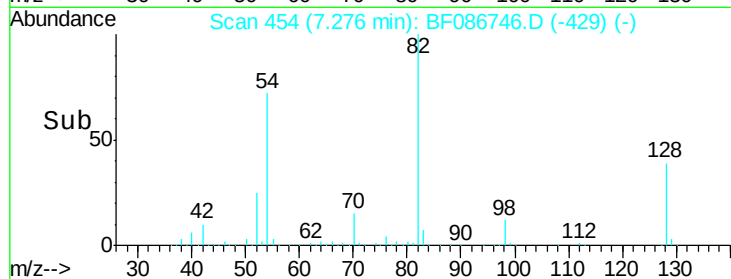
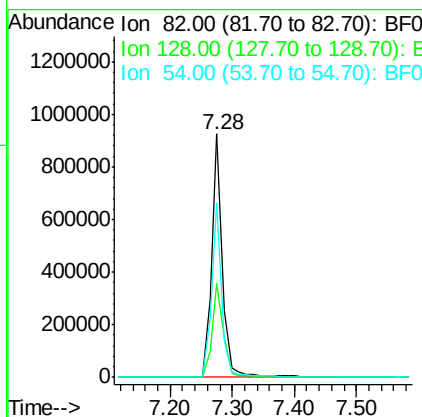
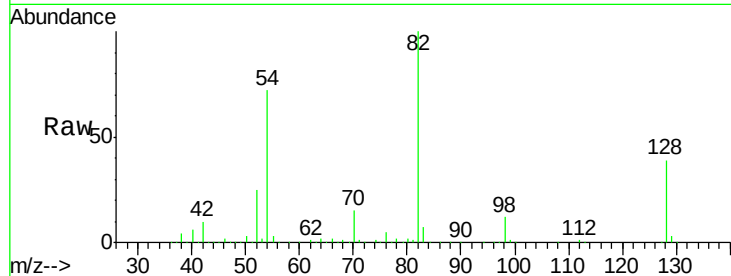




#23
 Nitrobenzene-d5
 Concen: 87.33 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF086746.D
 Acq: 7 May 2016 1:49

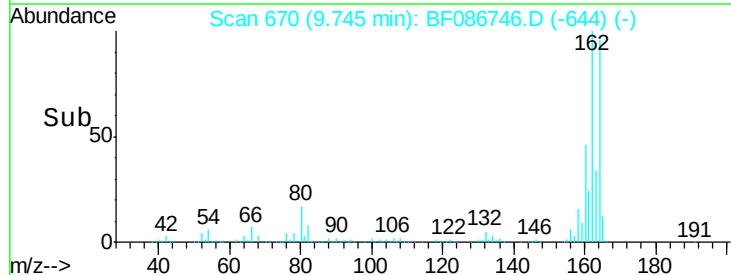
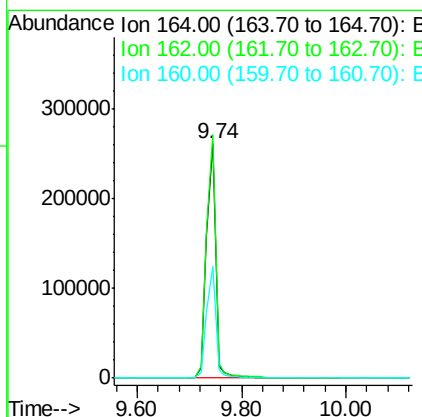
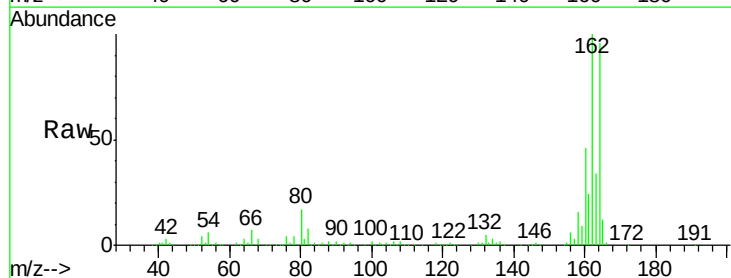
Instrument :
 BNA_F
 ClientSampleId :
 ERM4

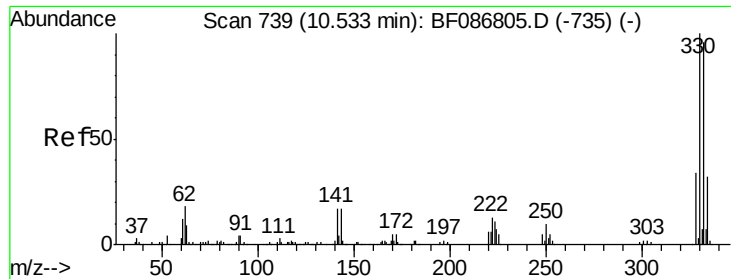
Tgt Ion: 82 Resp: 1109524
 Ion Ratio Lower Upper
 82 100
 128 38.5 40.6 61.0#
 54 71.8 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 40.00 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.00 min
 Lab File: BF086746.D
 Acq: 7 May 2016 1:49

Tgt Ion: 164 Resp: 322867
 Ion Ratio Lower Upper
 164 100
 162 103.8 82.8 124.2
 160 47.4 36.9 55.3

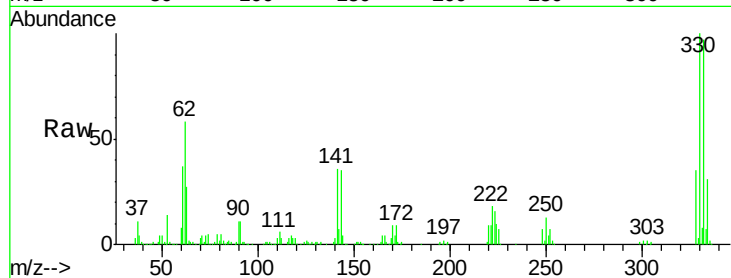




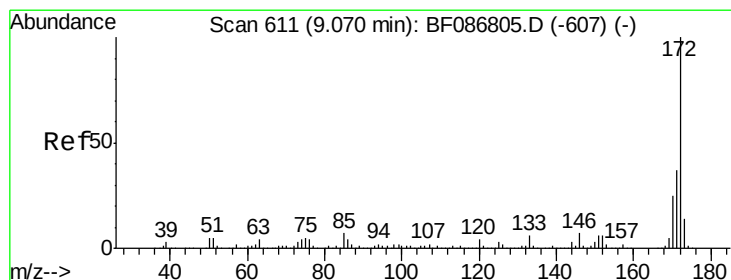
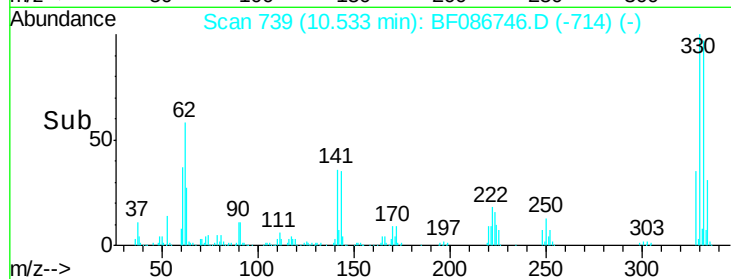
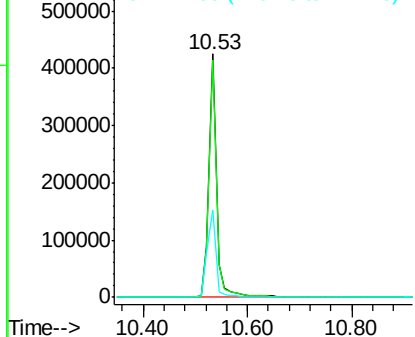
#41
 2,4,6-Tribromophenol
 Concen: 137.82 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF086746.D
 Acq: 7 May 2016 1:49

Instrument :
 BNA_F
 ClientSampleId :
 ERM4

Tgt Ion:330 Resp: 435285
 Ion Ratio Lower Upper
 330 100
 332 97.2 79.0 118.4
 141 41.9 31.2 46.8

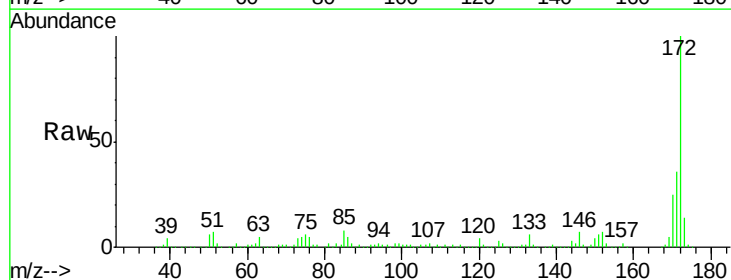


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

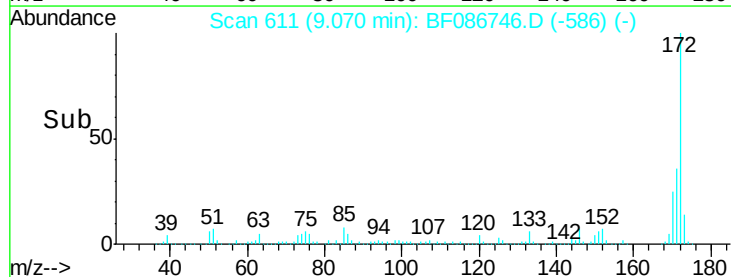
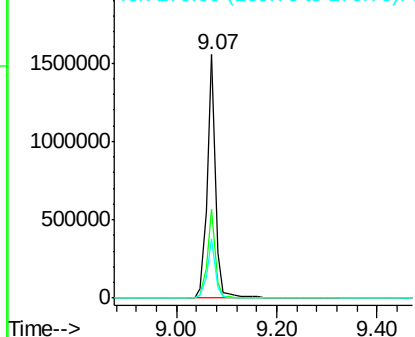


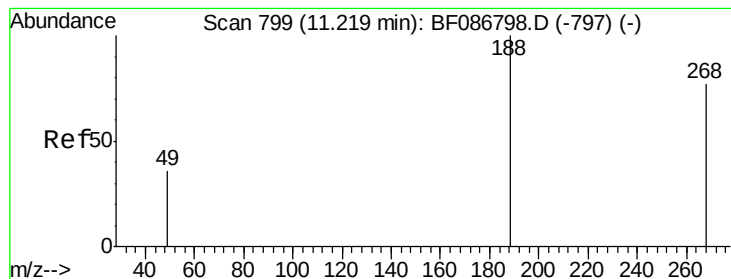
#44
 2-Fluorobiphenyl
 Concen: 91.18 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF086746.D
 Acq: 7 May 2016 1:49

Tgt Ion:172 Resp: 1795969
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.0 43.6
 170 24.6 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. -0.01 min

Lab File: BF086746.D

Acq: 7 May 2016 1:49

Instrument :

BNA_F

ClientSampleId :

ERM4

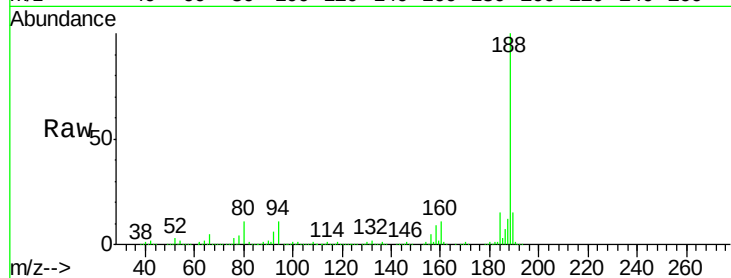
Tgt Ion:188 Resp: 596515

Ion Ratio Lower Upper

188 100

94 10.5 6.8 10.2#

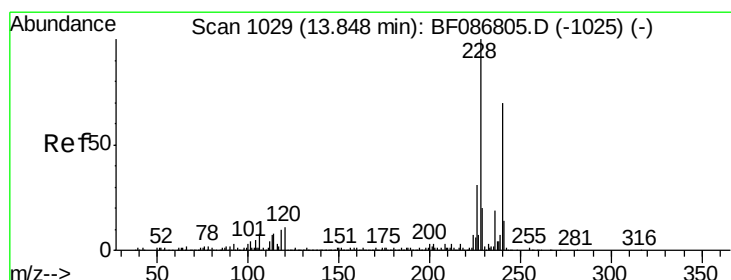
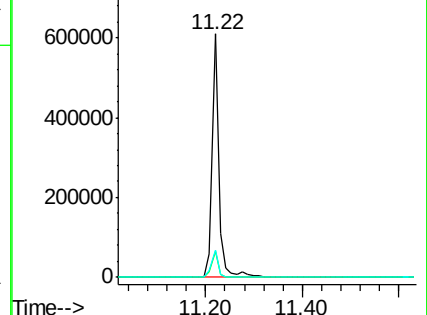
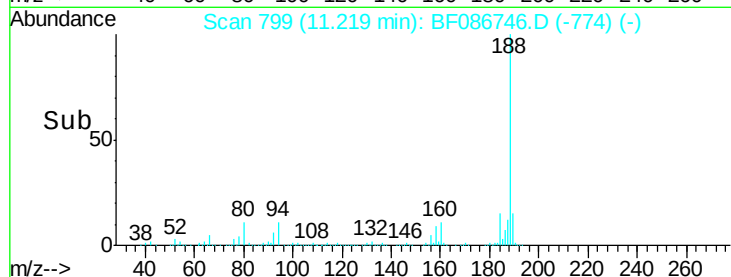
80 11.3 7.1 10.7#



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: 40.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF086746.D

Acq: 7 May 2016 1:49

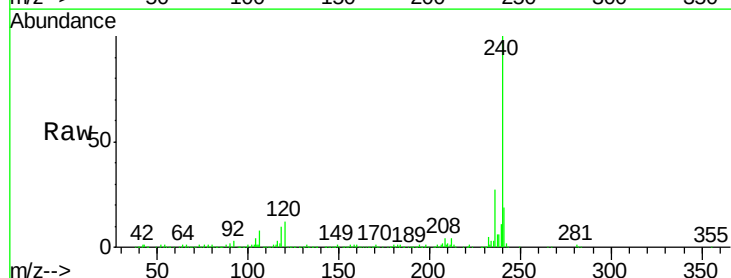
Tgt Ion:240 Resp: 430344

Ion Ratio Lower Upper

240 100

120 11.7 11.2 16.8

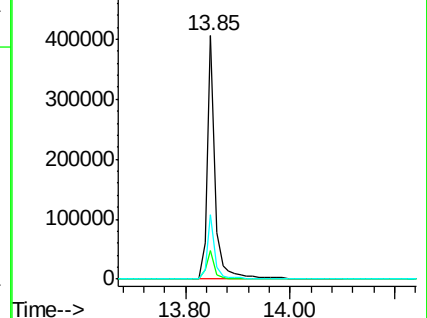
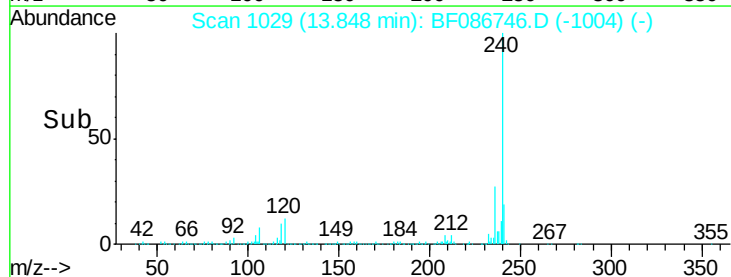
236 26.6 21.2 31.8

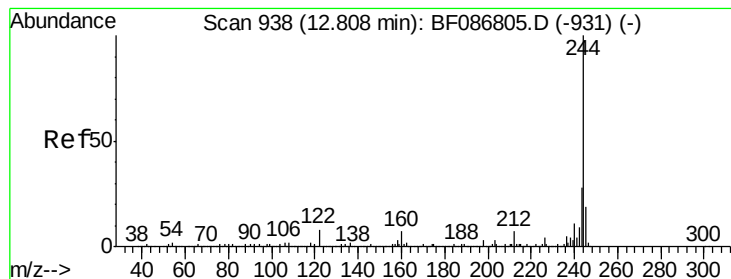


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 71.98 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.00 min

Lab File: BF086746.D

Acq: 7 May 2016 1:49

Instrument :

BNA_F

ClientSampleId :

ERM4

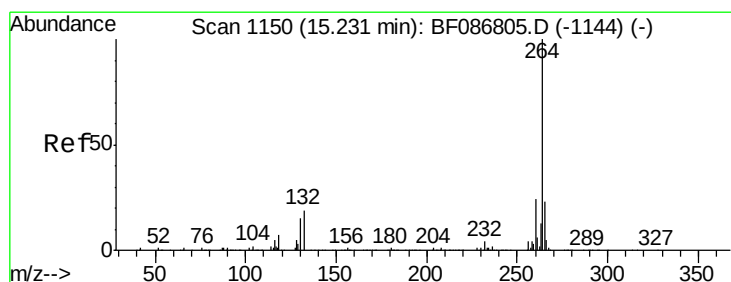
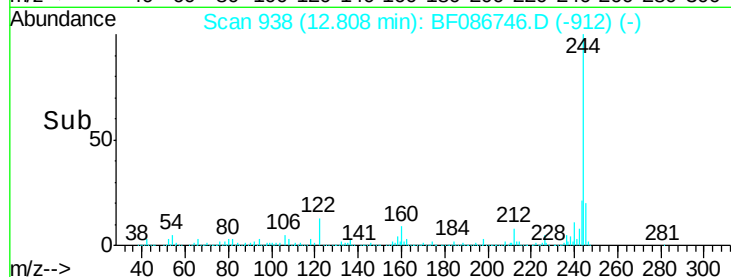
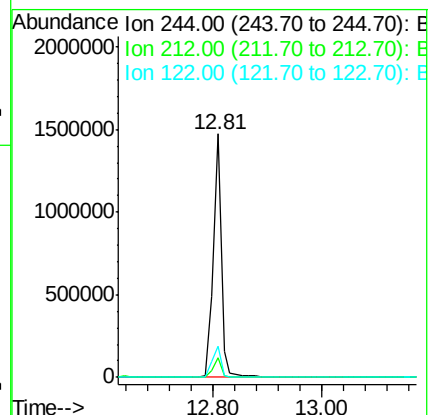
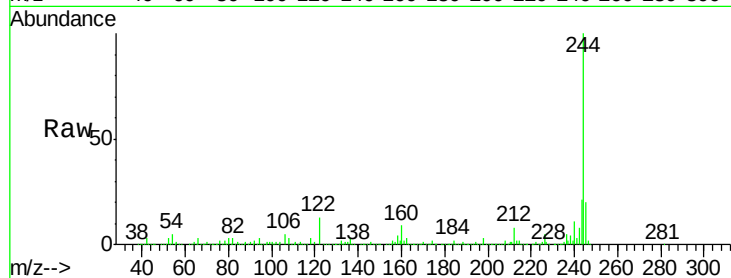
Tgt Ion:244 Resp: 1532610

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

122 12.9 12.0 18.0



#86

Perylene-d12

Concen: 40.00 ng

RT: 15.23 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF086746.D

Acq: 7 May 2016 1:49

Tgt Ion:264 Resp: 314070

Ion Ratio Lower Upper

264 100

260 24.9 19.5 29.3

265 21.9 17.3 25.9

