

Data Path : V:\HPCHEM1\BNA F\DATA\BF070816\
 Data File : BF088846.D
 Acq On : 9 Jul 2016 1:45
 Operator : UM/SJ
 Sample : H3813-16 50X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS004-0006-02

Quant Time: Jul 09 04:43:17 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 18:51:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	89322	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	332252	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	155468	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	275432	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	180771	20.00	ng	-0.01
86) Perylene-d12	15.25	264	173184	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	10219	1.71	ng	-0.01
7) Phenol-d6	6.35	99	14756	1.92	ng	-0.02
23) Nitrobenzene-d5	7.29	82	8521	1.34	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	2953	2.05	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	18028	1.83	ng	-0.01
78) Terphenyl-d14	12.82	244	13015	1.60	ng	0.00

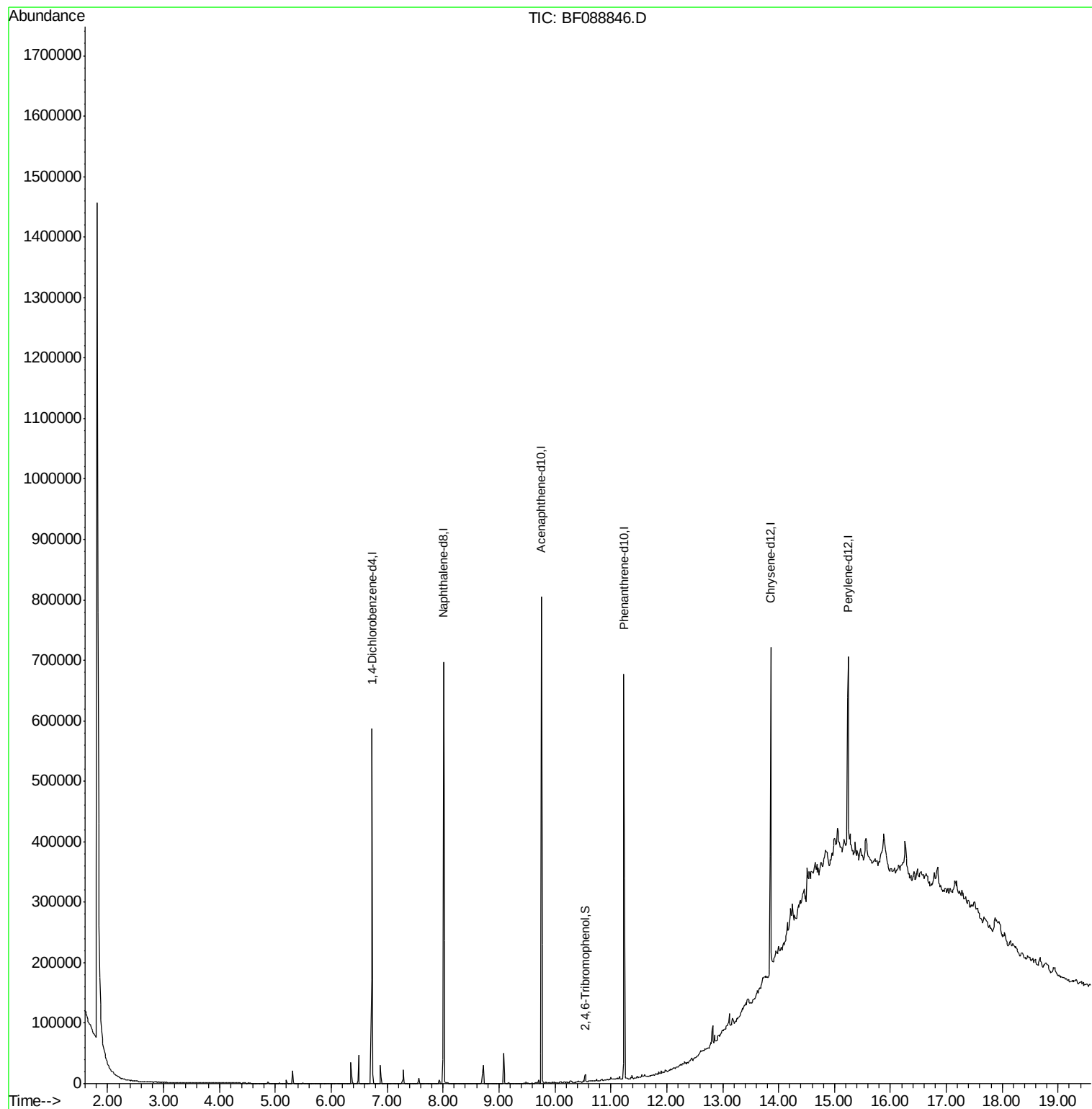
Target Compounds	Qvalue
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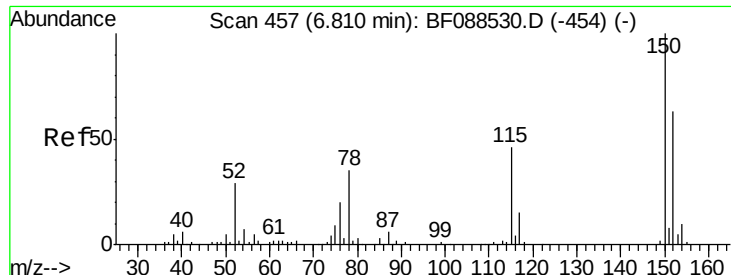
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 450

Delta R.T. 0.00 min

Lab File: BF088846.D

Acq: 9 Jul 2016 1:45

Instrument :

BNA_F

ClientSampleId :

P001-SS004-0006-02

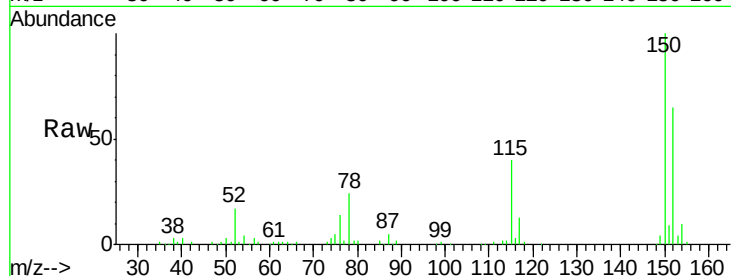
Tot Ion:152 Resp: 89322

Ion Ratio Lower Upper

152 100

150 154.4 123.8 185.6

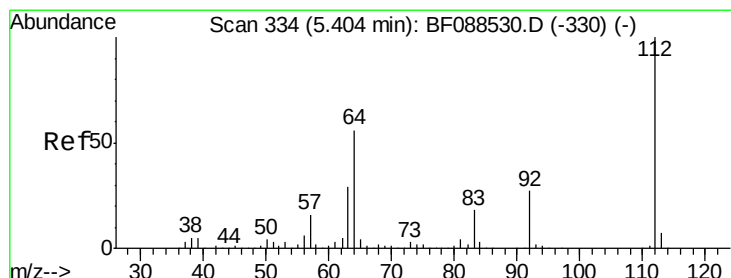
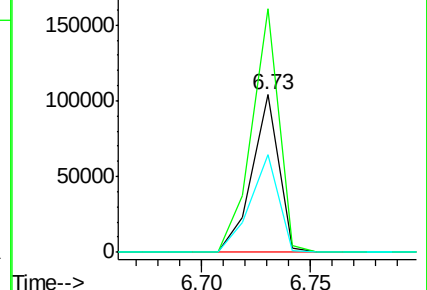
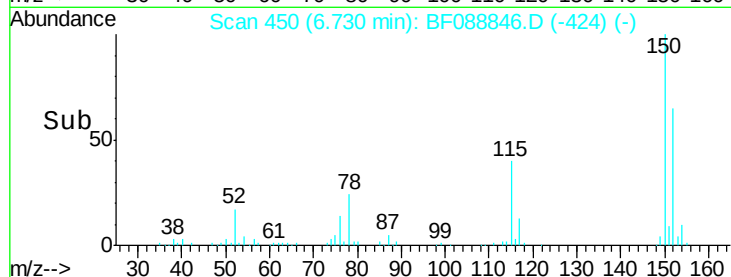
115 61.7 39.6 59.4#



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: 1.71 ng

RT: 5.31 min Scan# 326

Delta R.T. -0.01 min

Lab File: BF088846.D

Acq: 9 Jul 2016 1:45

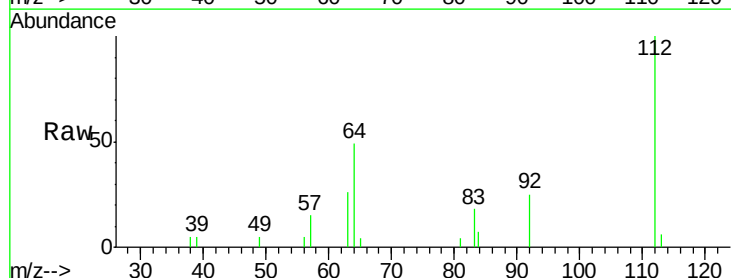
Tgt Ion:112 Resp: 10219

Ion Ratio Lower Upper

112 100

64 49.1 42.2 63.2

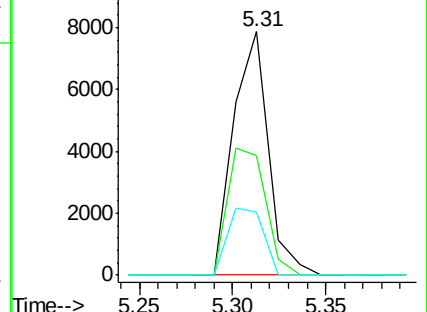
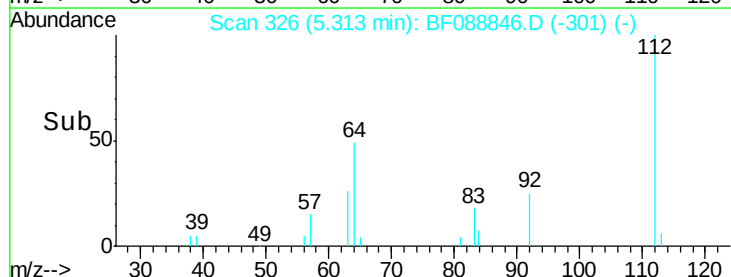
63 25.8 21.8 32.8

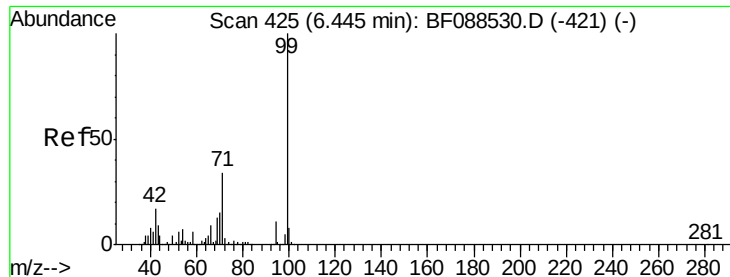


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 1.92 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.02 min

Lab File: BF088846.D

Acq: 9 Jul 2016 1:45

Instrument :

BNA_F

ClientSampleId :

P001-SS004-0006-02

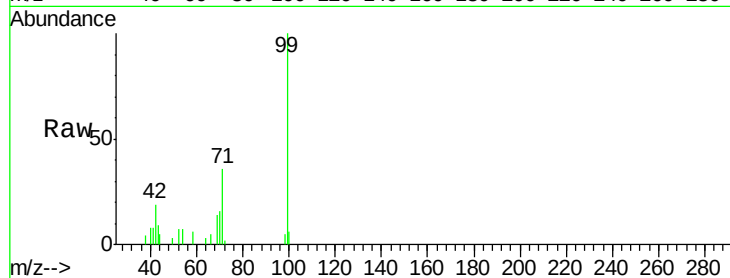
Tot Ion: 99 Resp: 14756

Ion Ratio Lower Upper

99 100

42 18.7 12.2 18.2#

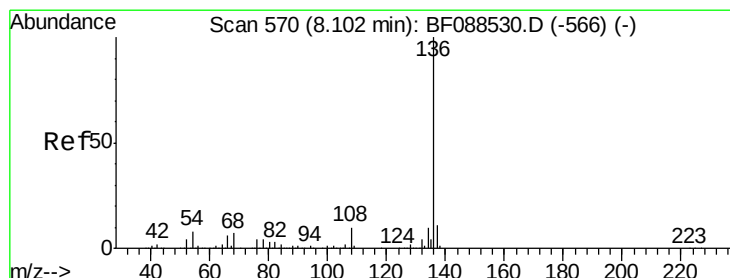
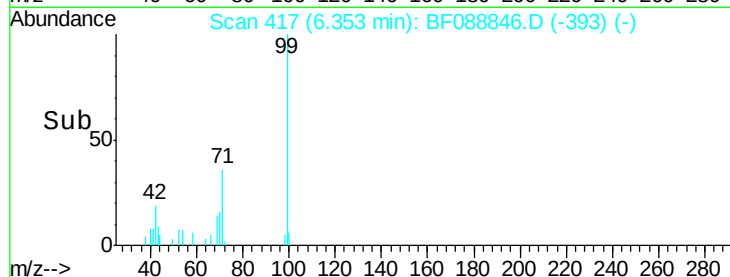
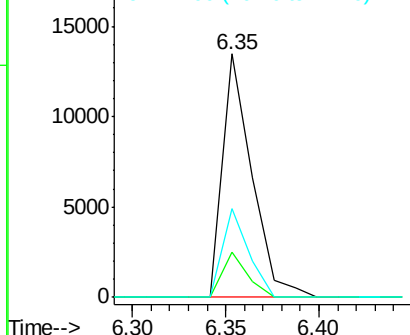
71 36.3 23.4 35.0#



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: 8.01 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF088846.D

Acq: 9 Jul 2016 1:45

Tgt Ion: 136 Resp: 332252

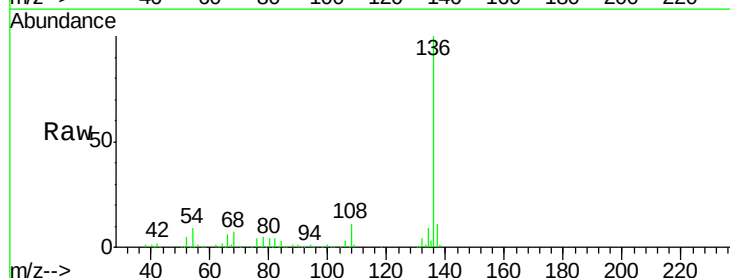
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 8.7 6.6 10.0

68 7.0 5.1 7.7

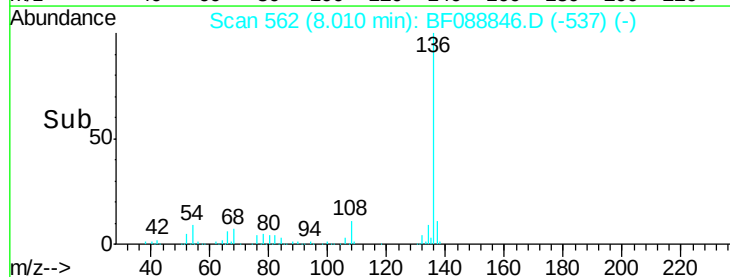
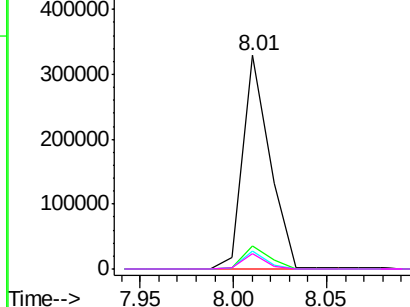


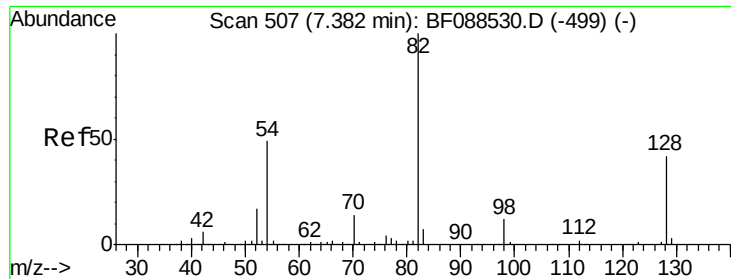
Abundance Ion 136.00 (135.70 to 136.70): E

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

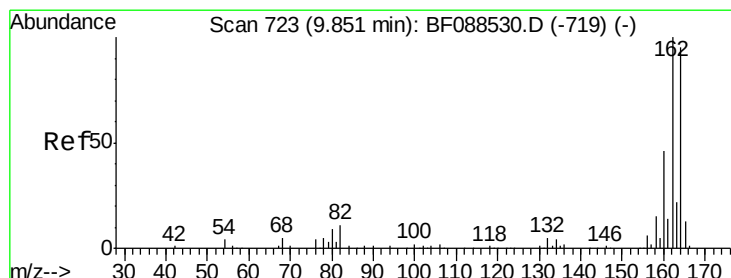
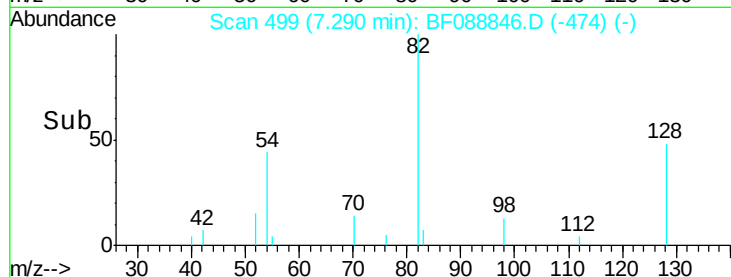
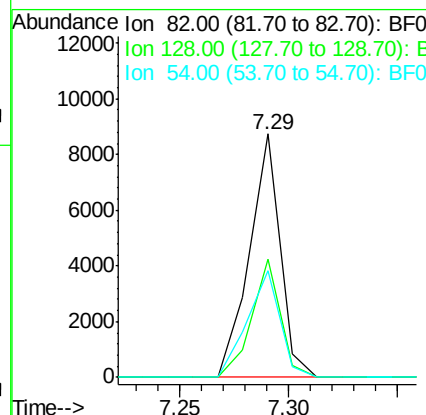
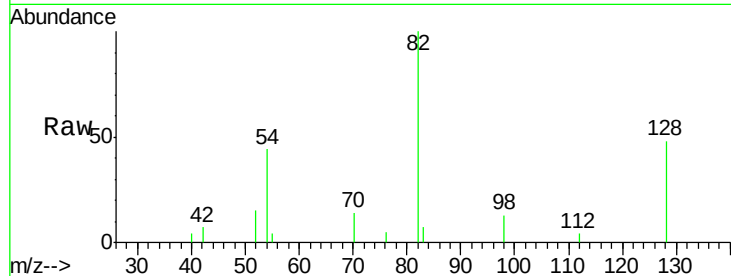




#23
 Nitrobenzene-d5
 Concen: 1.34 ng
 RT: 7.29 min Scan# 499
 Delta R.T. -0.01 min
 Lab File: BF088846.D
 Acq: 9 Jul 2016 1:45

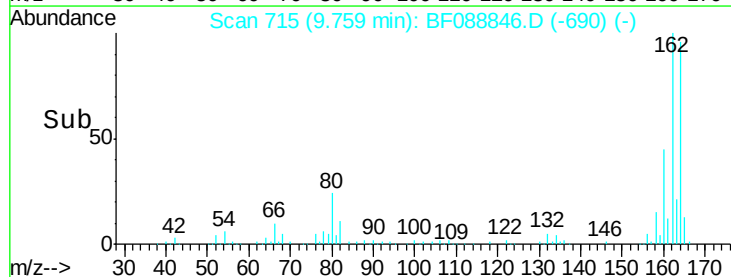
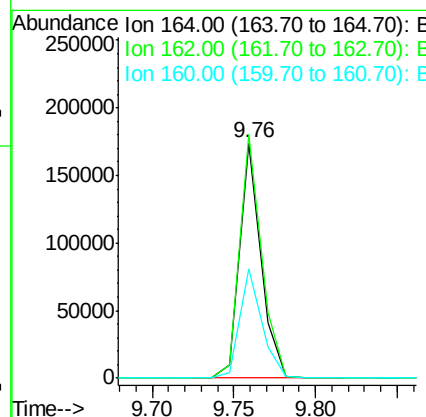
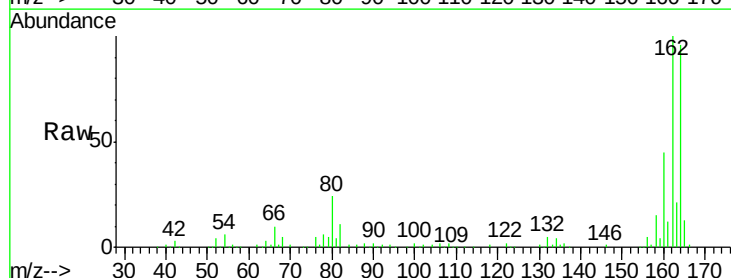
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS004-0006-02

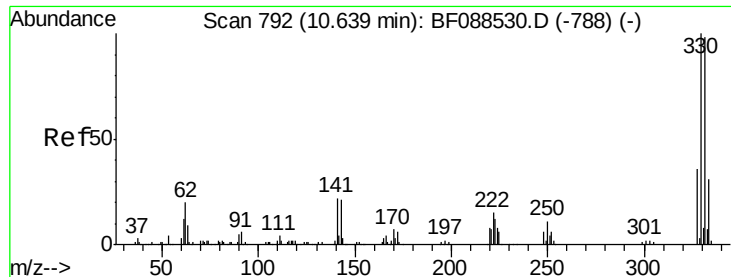
Tot Ion: 82 Resp: 8521
 Ion Ratio Lower Upper
 82 100
 128 48.3 35.9 53.9
 54 43.8 40.9 61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 715
 Delta R.T. -0.01 min
 Lab File: BF088846.D
 Acq: 9 Jul 2016 1:45

Tgt Ion: 164 Resp: 155468
 Ion Ratio Lower Upper
 164 100
 162 103.7 85.4 128.2
 160 46.4 39.5 59.3

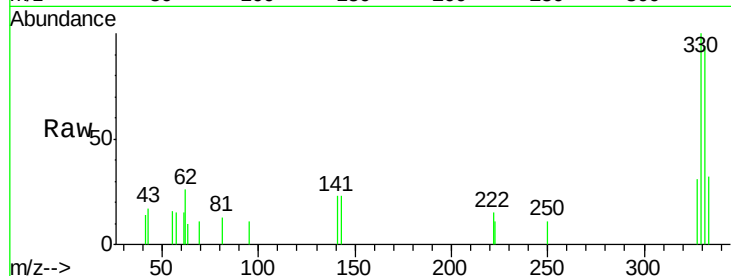




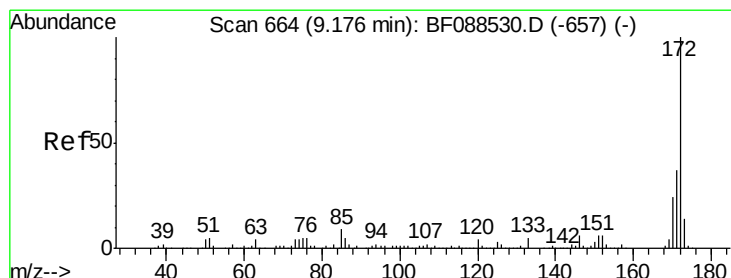
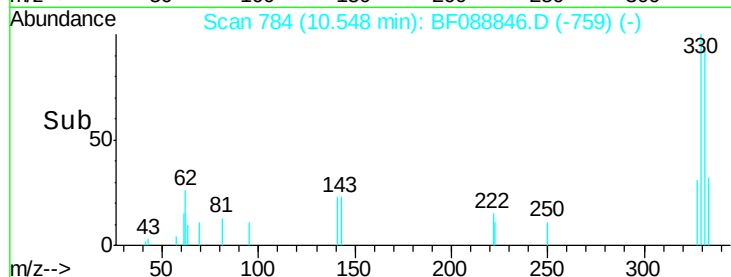
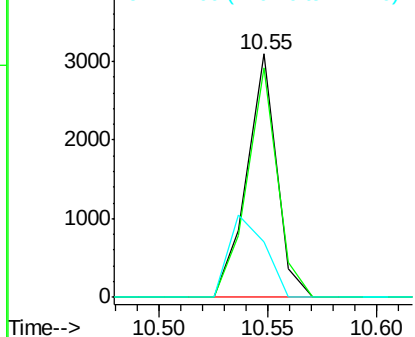
#41
 2,4,6-Tribromophenol
 Concen: 2.05 ng
 RT: 10.55 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF088846.D
 Acq: 9 Jul 2016 1:45

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS004-0006-02

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	40.7	0.0	0.0#

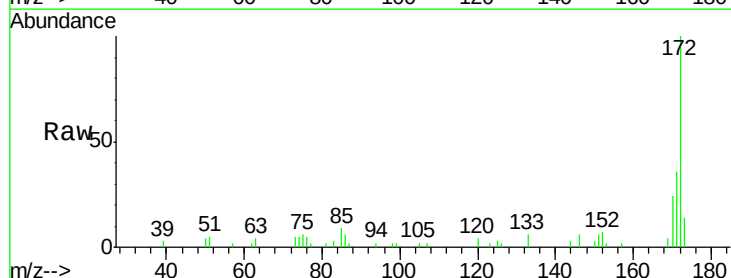


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

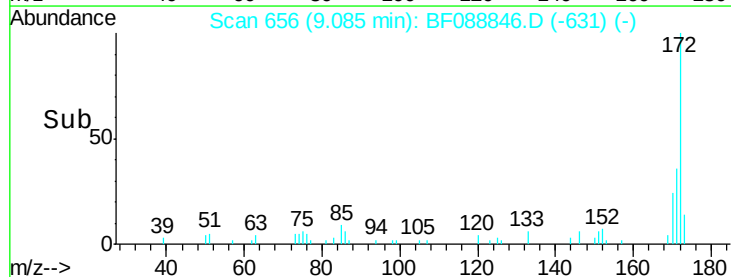
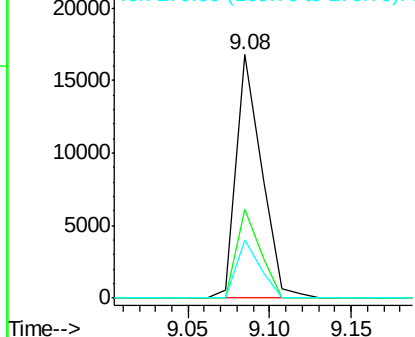


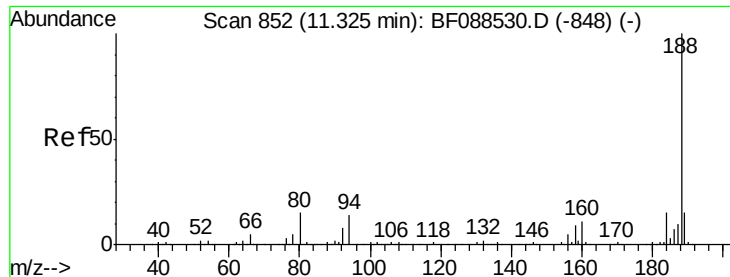
#44
 2-Fluorobiphenyl
 Concen: 1.83 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: BF088846.D
 Acq: 9 Jul 2016 1:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	43.0
170	24.1	19.2	28.8



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

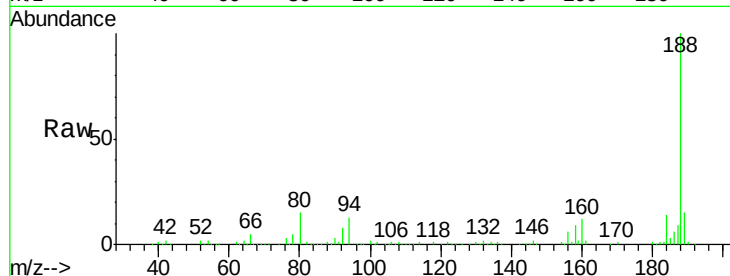




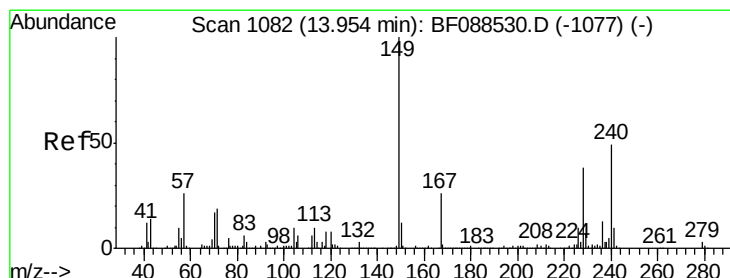
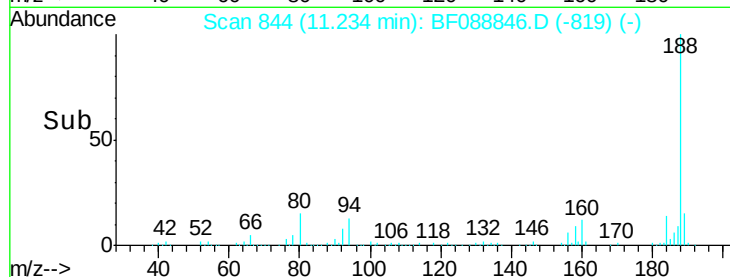
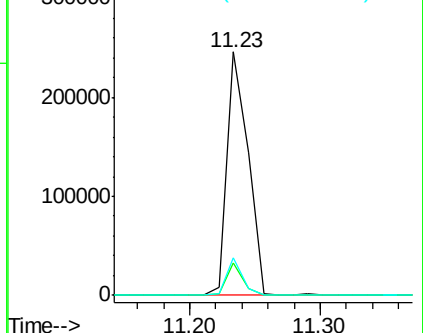
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF088846.D
Acq: 9 Jul 2016 1:45

Instrument :
BNA_F
ClientSampleId :
P001-SS004-0006-02

Tot Ion:188 Resp: 275432
Ion Ratio Lower Upper
188 100
94 13.5 9.0 13.6
80 15.3 10.0 15.0#

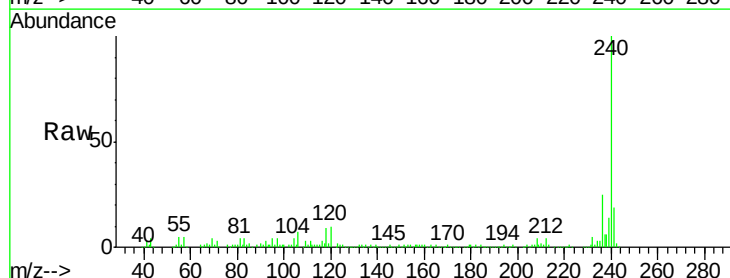


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

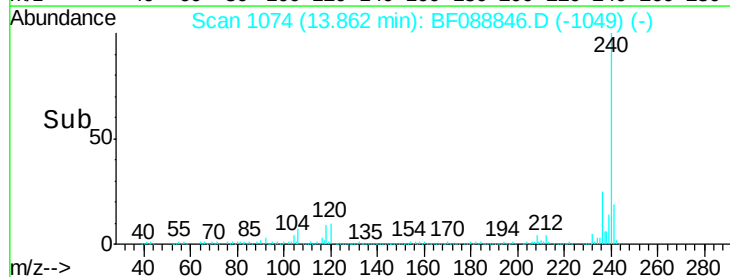
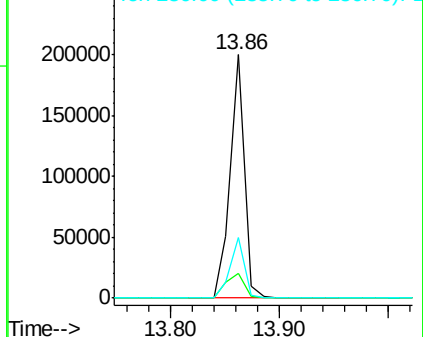


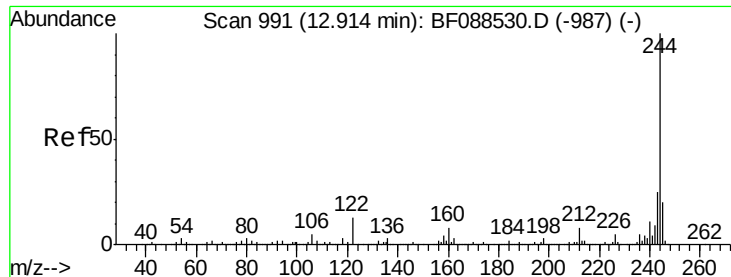
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BF088846.D
Acq: 9 Jul 2016 1:45

Tgt Ion:240 Resp: 180771
Ion Ratio Lower Upper
240 100
120 9.9 6.8 10.2
236 25.0 20.2 30.2



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: 1.60 ng

RT: 12.82 min Scan# 983

Delta R.T. 0.00 min

Lab File: BF088846.D

Acq: 9 Jul 2016 1:45

Instrument :

BNA_F

ClientSampleId :

P001-SS004-0006-02

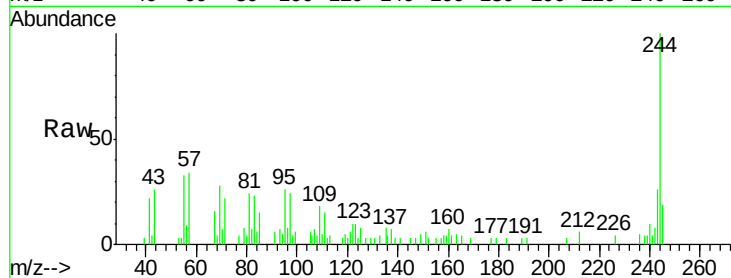
Tot Ion:244 Resp: 13015

Ion Ratio Lower Upper

244 100

212 6.3 6.0 9.0

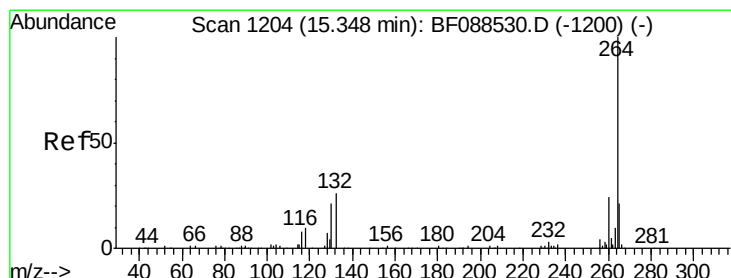
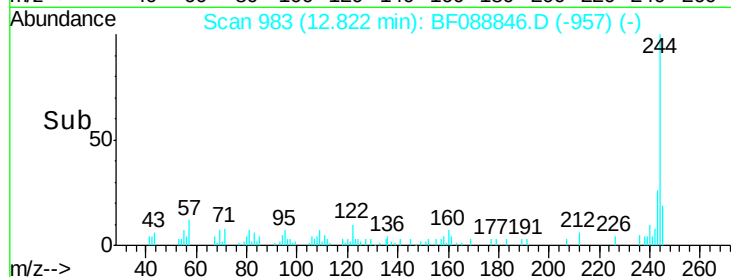
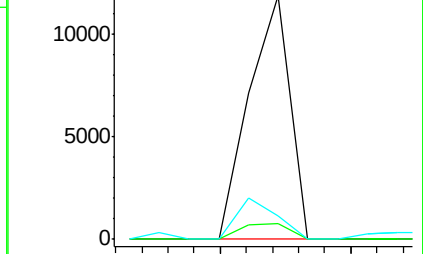
122 9.6 11.2 16.8#



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: 15.25 min Scan# 1195

Delta R.T. 0.00 min

Lab File: BF088846.D

Acq: 9 Jul 2016 1:45

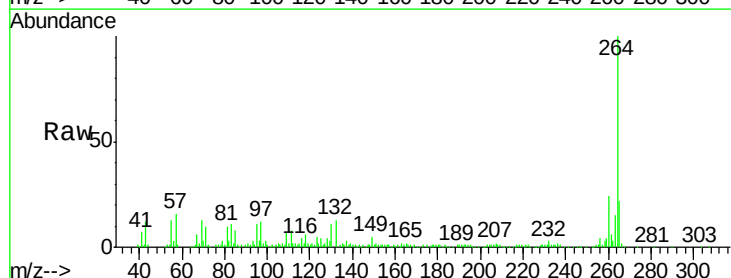
Tgt Ion:264 Resp: 173184

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.5 16.9 25.3



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

