

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
 Data File : BF088544.D
 Acq On : 30 Jun 2016 22:25
 Operator : UM/SJ
 Sample : PB91702BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91702BL

Quant Time: Jul 01 02:11:03 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	133788	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	556054	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	266648	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	509925	20.00	ng	0.00
75) Chrysene-d12	13.95	240	433186	20.00	ng	0.00
86) Perylene-d12	15.35	264	369457	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	919817	103.04	ng	0.01
7) Phenol-d6	6.44	99	1189257	103.10	ng	0.00
23) Nitrobenzene-d5	7.37	82	850854	80.19	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	287978	116.30	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1246505	73.84	ng	0.00
78) Terphenyl-d14	12.91	244	1135431	58.38	ng	0.00

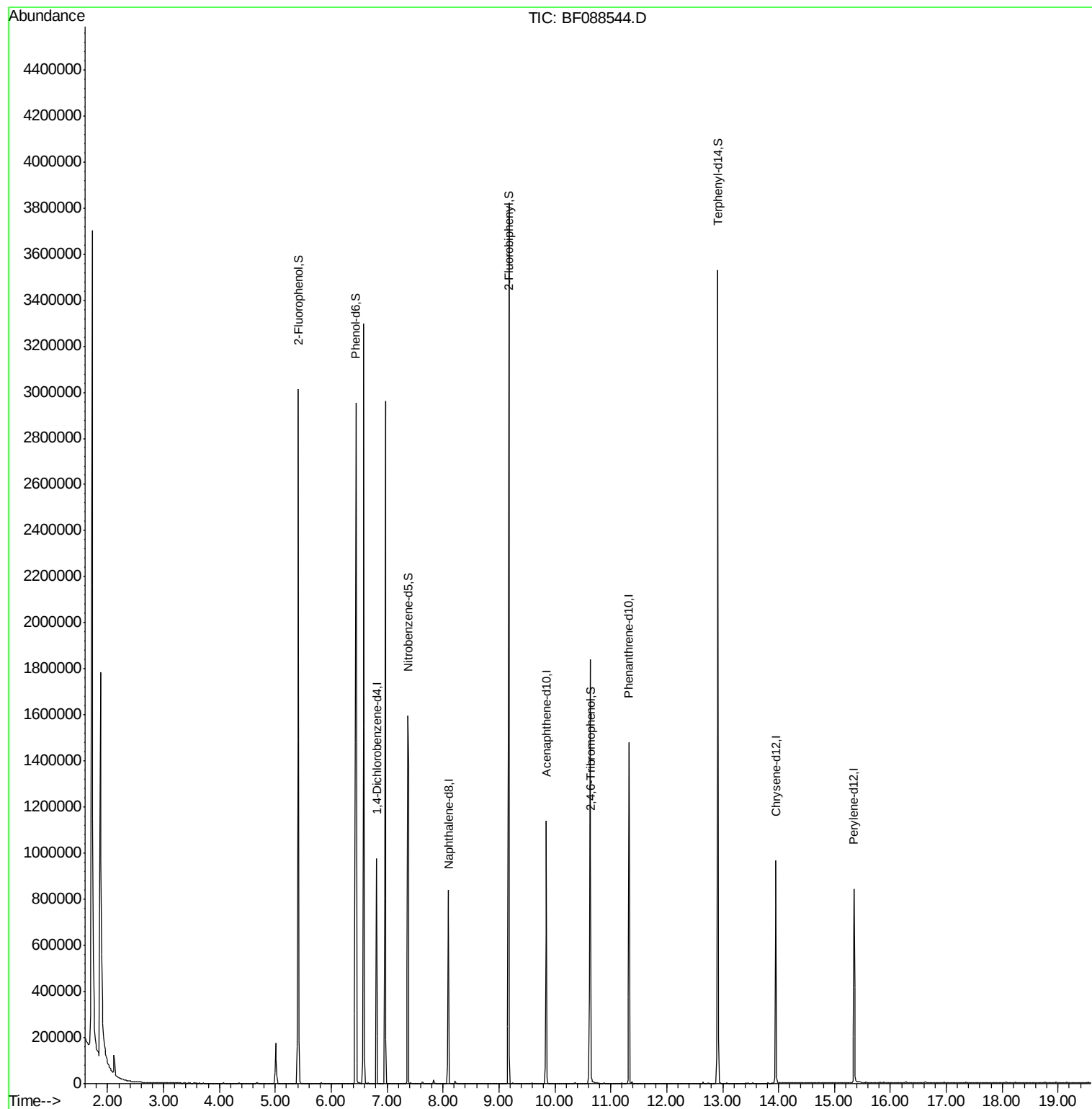
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 457

Delta R.T. -0.00 min

Lab File: BF088544.D

Acq: 30 Jun 2016 22:25

Instrument :

BNA_F

ClientSampleId :

PB91702BL

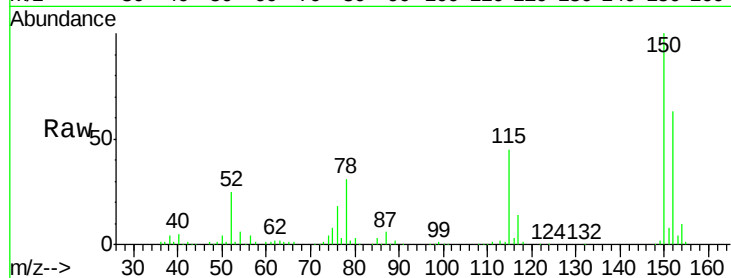
Tgt Ion:152 Resp: 133788

Ion Ratio Lower Upper

152 100

150 158.5 123.8 185.6

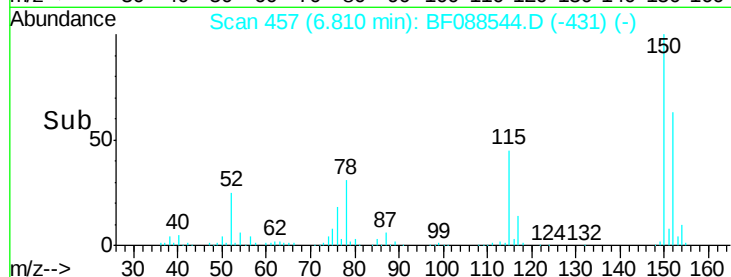
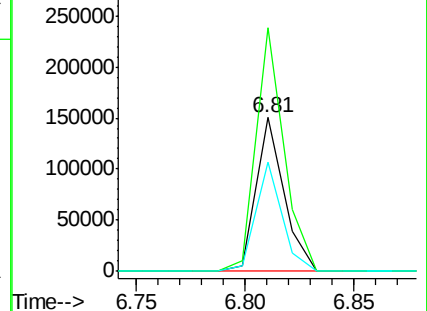
115 71.4 39.6 59.4#



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: 103.04 ng

RT: 5.42 min Scan# 335

Delta R.T. 0.01 min

Lab File: BF088544.D

Acq: 30 Jun 2016 22:25

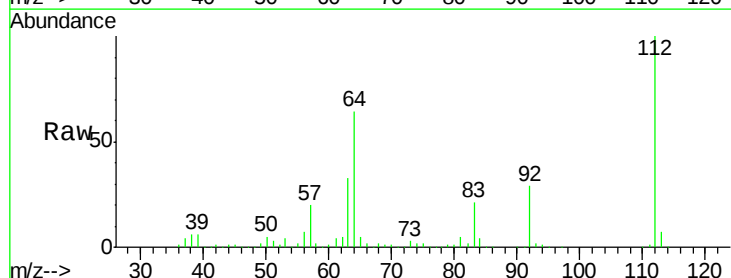
Tgt Ion:112 Resp: 919817

Ion Ratio Lower Upper

112 100

64 63.8 42.2 63.2#

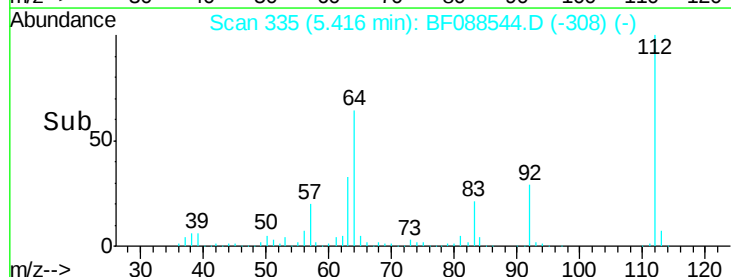
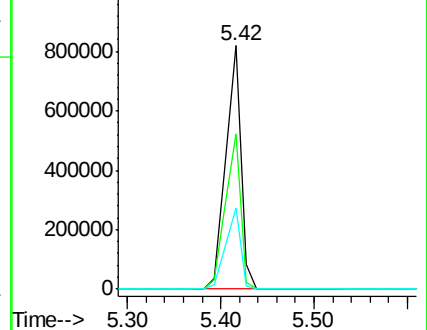
63 33.4 21.8 32.8#

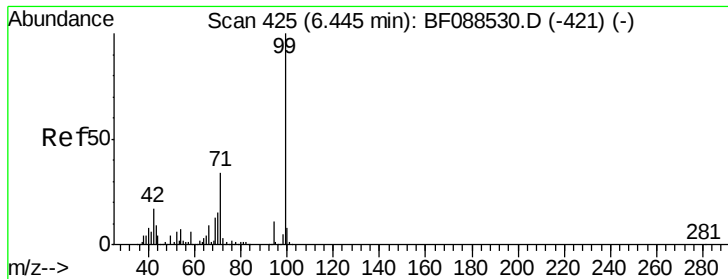


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 103.10 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF088544.D

Acq: 30 Jun 2016 22:25

Instrument :

BNA_F

ClientSampled :

PB91702BL

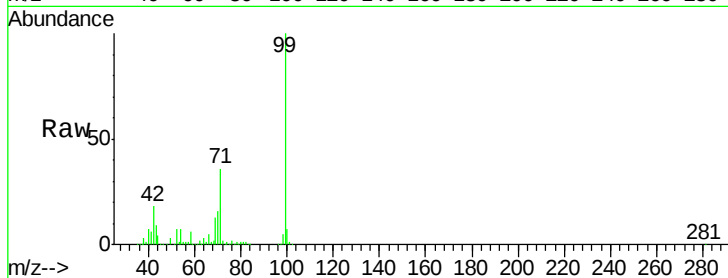
Tgt Ion: 99 Resp: 1189257

Ion Ratio Lower Upper

99 100

42 18.3 12.2 18.2#

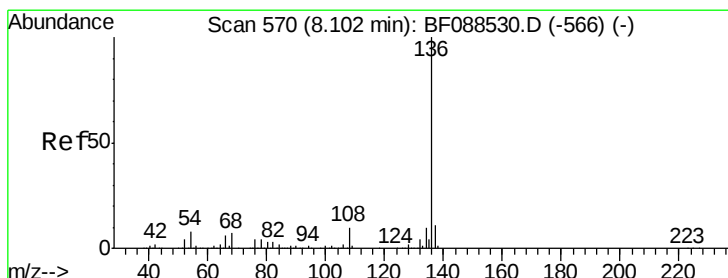
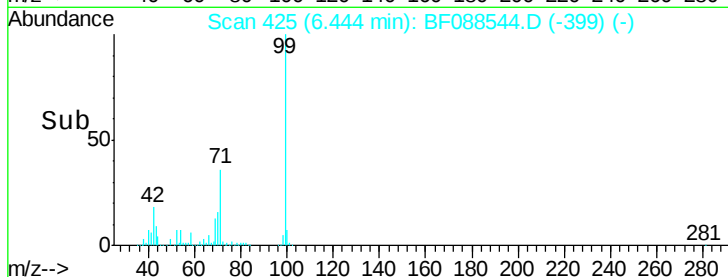
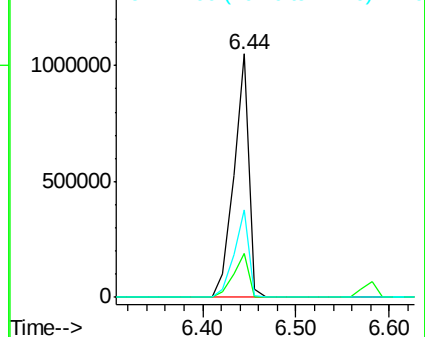
71 36.2 23.4 35.0#



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: 8.10 min Scan# 570

Delta R.T. -0.00 min

Lab File: BF088544.D

Acq: 30 Jun 2016 22:25

Tgt Ion: 136 Resp: 556054

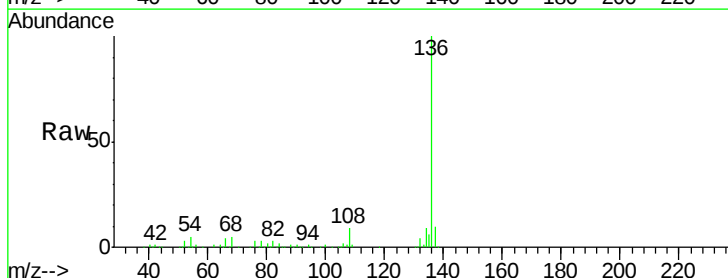
Ion Ratio Lower Upper

136 100

137 10.4 9.1 13.7

54 5.5 6.6 10.0#

68 5.0 5.1 7.7#

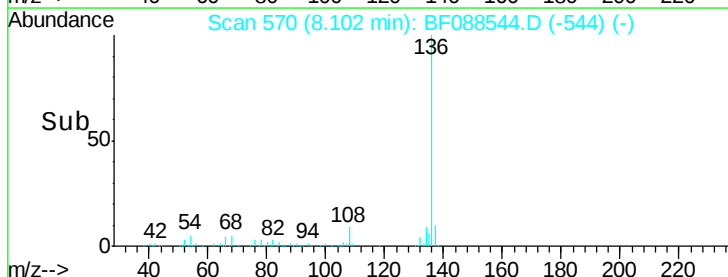
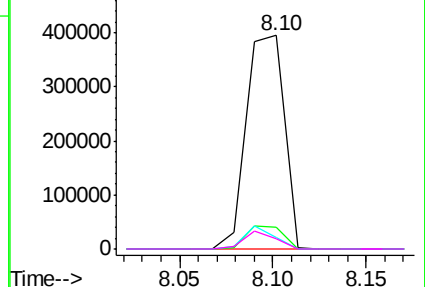


Abundance Ion 136.00 (135.70 to 136.70): E

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

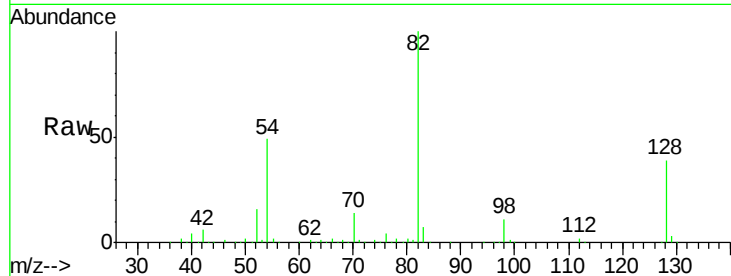




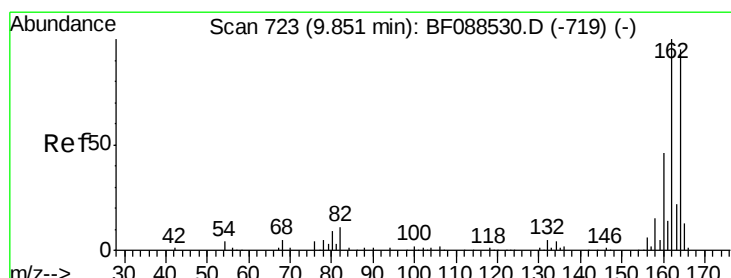
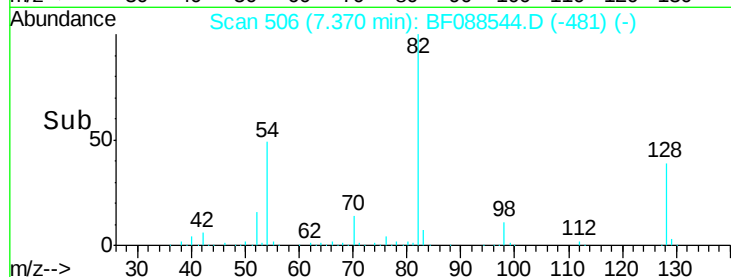
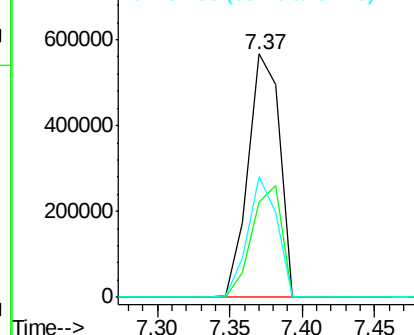
#23
 Nitrobenzene-d5
 Concen: 80.19 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.01 min
 Lab File: BF088544.D
 Acq: 30 Jun 2016 22:25

Instrument :
 BNA_F
 ClientSampled :
 PB91702BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.0	35.9	53.9
54	49.5	40.9	61.3

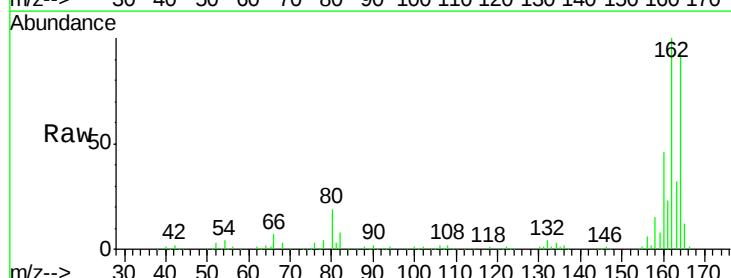


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

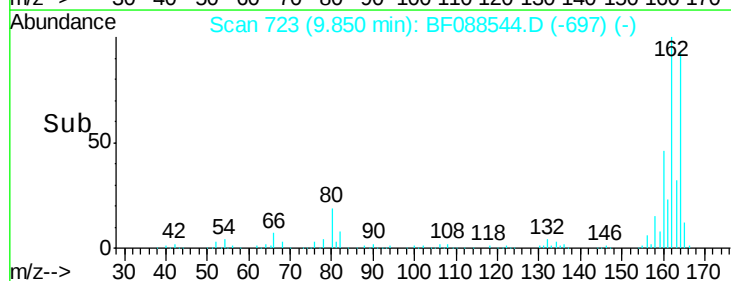
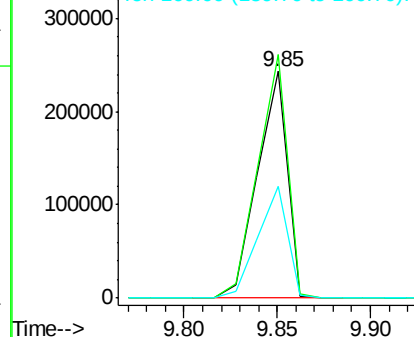


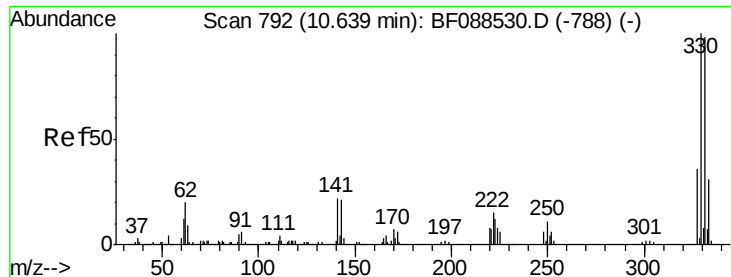
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 723
 Delta R.T. -0.00 min
 Lab File: BF088544.D
 Acq: 30 Jun 2016 22:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.5	85.4	128.2
160	49.5	39.5	59.3



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

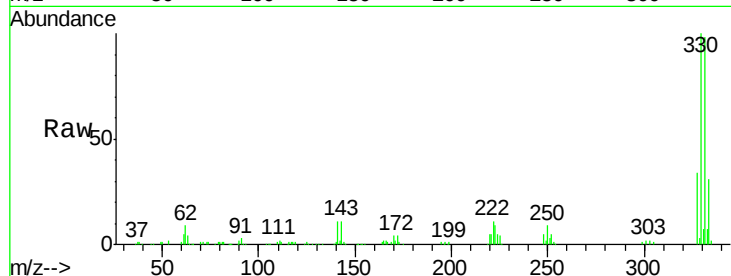




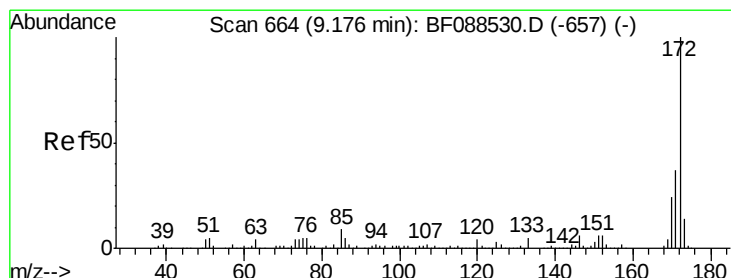
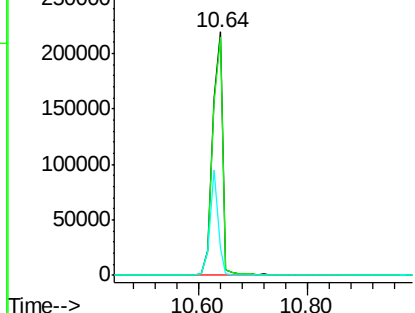
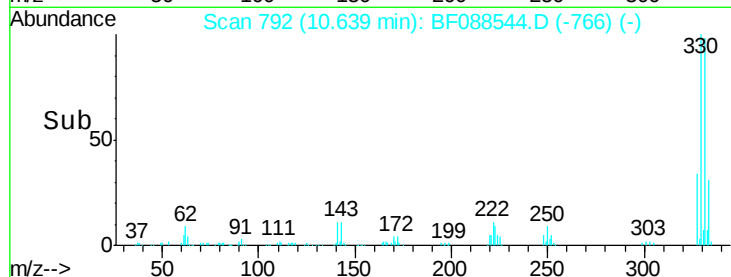
#41
 2,4,6-Tribromophenol
 Concen: 116.30 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF088544.D
 Acq: 30 Jun 2016 22:25

Instrument :
 BNA_F
 ClientSampleId :
 PB91702BL

Tgt Ion:330 Resp: 287978
 Ion Ratio Lower Upper
 330 100
 332 97.8 0.0 0.0#
 141 34.9 0.0 0.0#

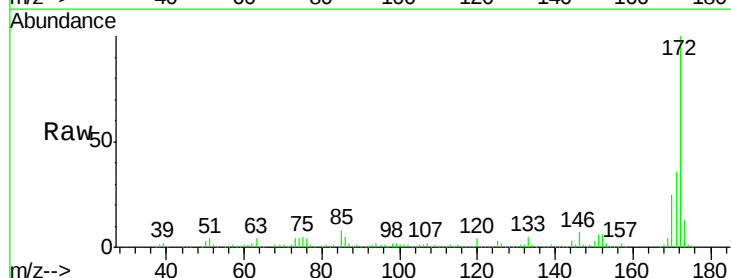


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

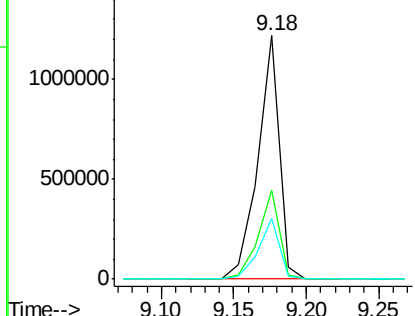
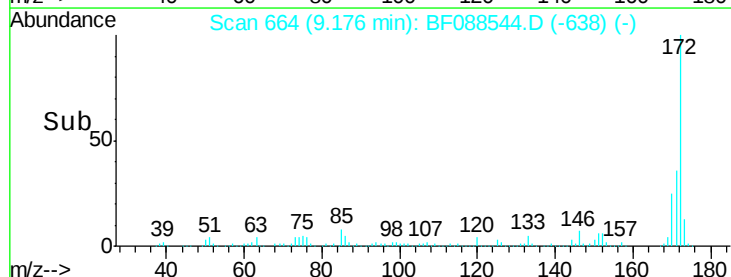


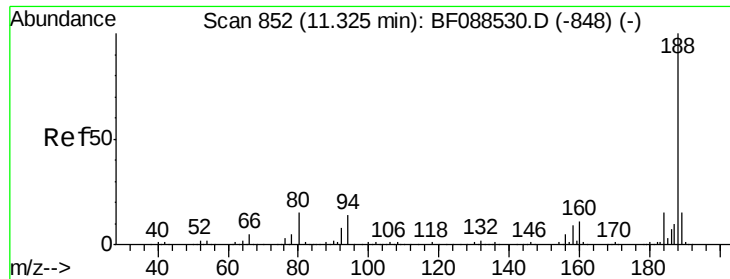
#44
 2-Fluorobiphenyl
 Concen: 73.84 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF088544.D
 Acq: 30 Jun 2016 22:25

Tgt Ion:172 Resp: 1246505
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.6 43.0
 170 24.7 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

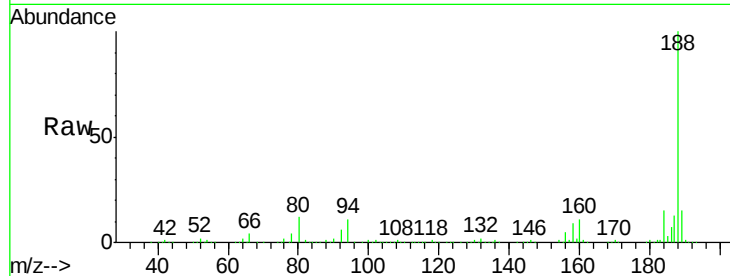




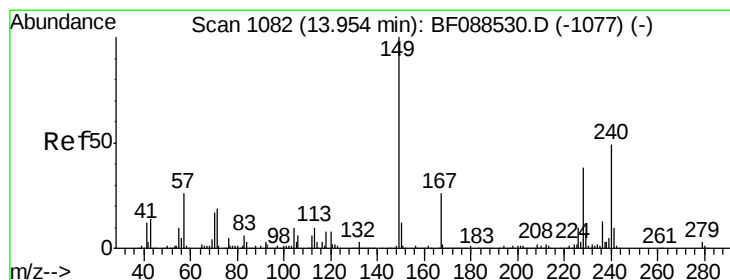
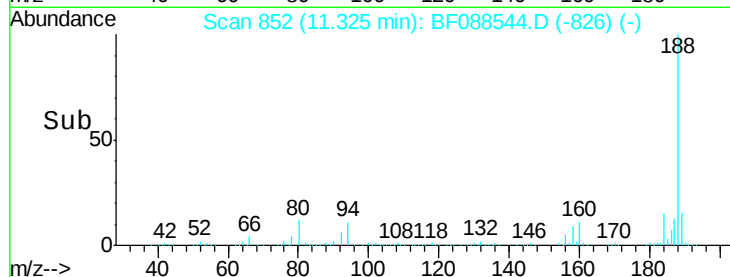
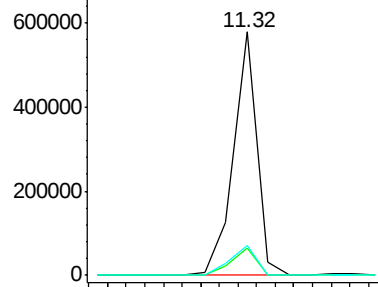
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF088544.D
Acq: 30 Jun 2016 22:25

Instrument :
BNA_F
ClientSampleId :
PB91702BL

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.3	9.0	13.6
80	12.2	10.0	15.0

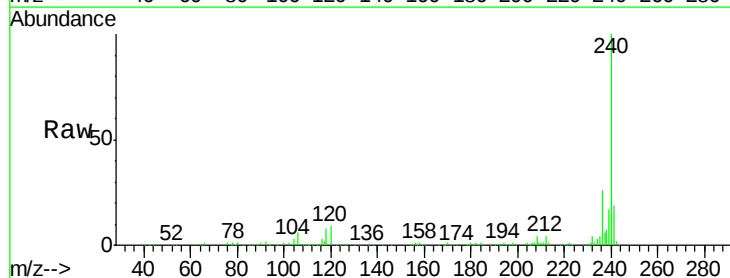


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

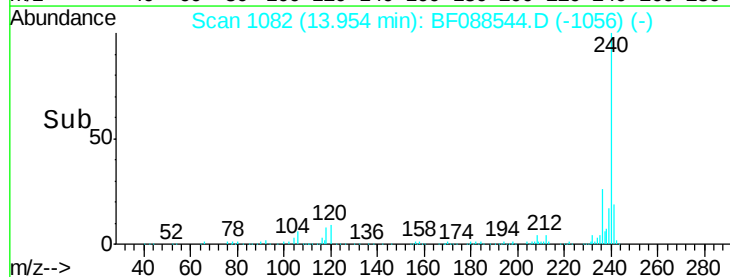
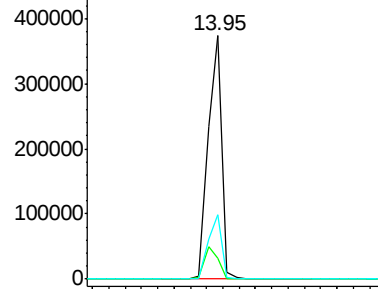


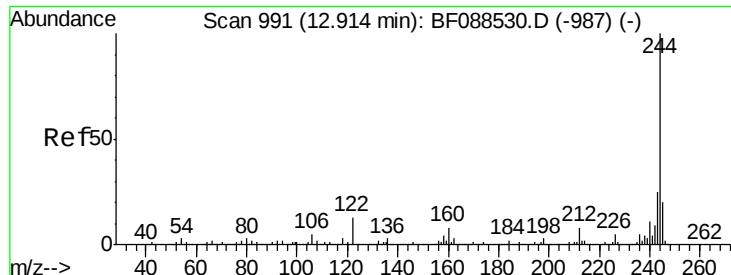
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.00 min
Lab File: BF088544.D
Acq: 30 Jun 2016 22:25

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.8	6.8	10.2
236	26.2	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: 58.38 ng

RT: 12.91 min Scan# 991

Delta R.T. -0.00 min

Lab File: BF088544.D

Acq: 30 Jun 2016 22:25

Instrument :

BNA_F

ClientSampleId :

PB91702BL

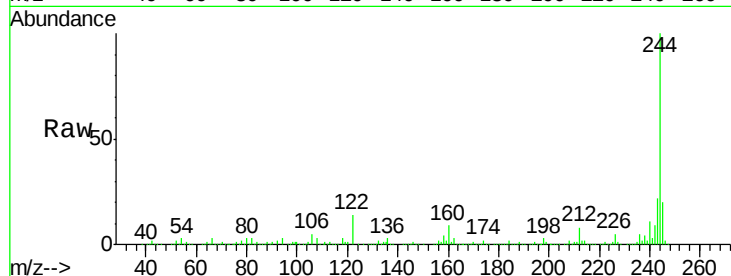
Tgt Ion:244 Resp: 1135431

Ion Ratio Lower Upper

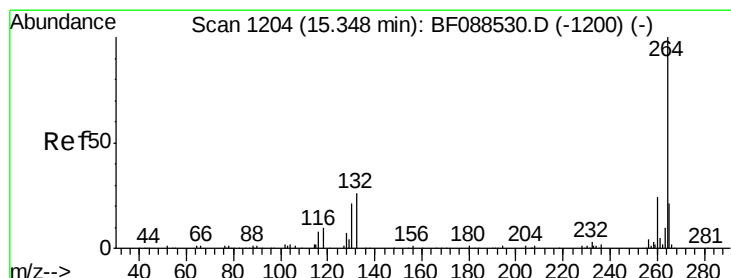
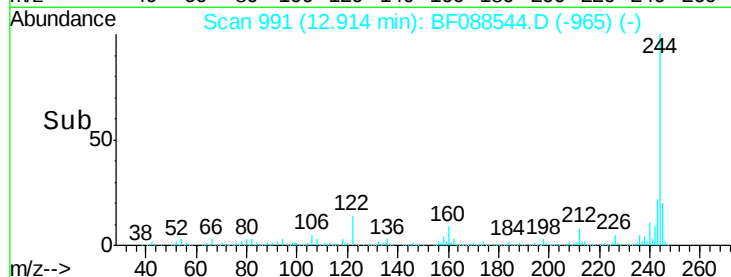
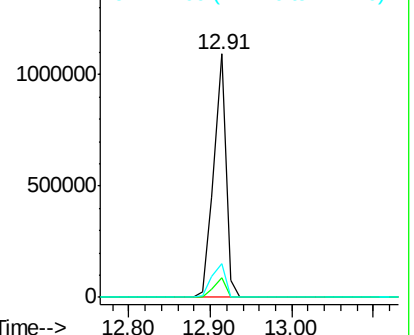
244 100

212 7.9 6.0 9.0

122 14.0 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: 15.35 min Scan# 1204

Delta R.T. -0.00 min

Lab File: BF088544.D

Acq: 30 Jun 2016 22:25

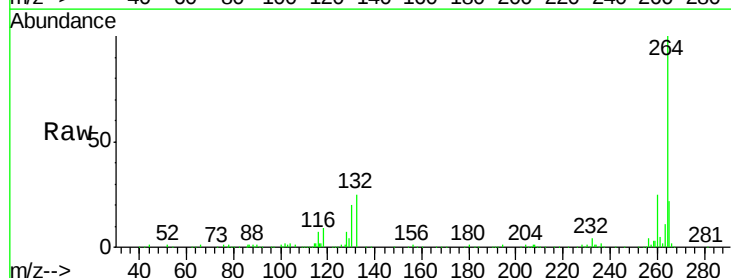
Tgt Ion:264 Resp: 369457

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 21.6 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

