

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070716\
 Data File : BF088815.D
 Acq On : 8 Jul 2016 9:19
 Operator : UM/SJ
 Sample : H3897-20
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMP

Quant Time: Jul 08 13:21:21 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 17:15:08 2016
 Response via : Initial Calibration

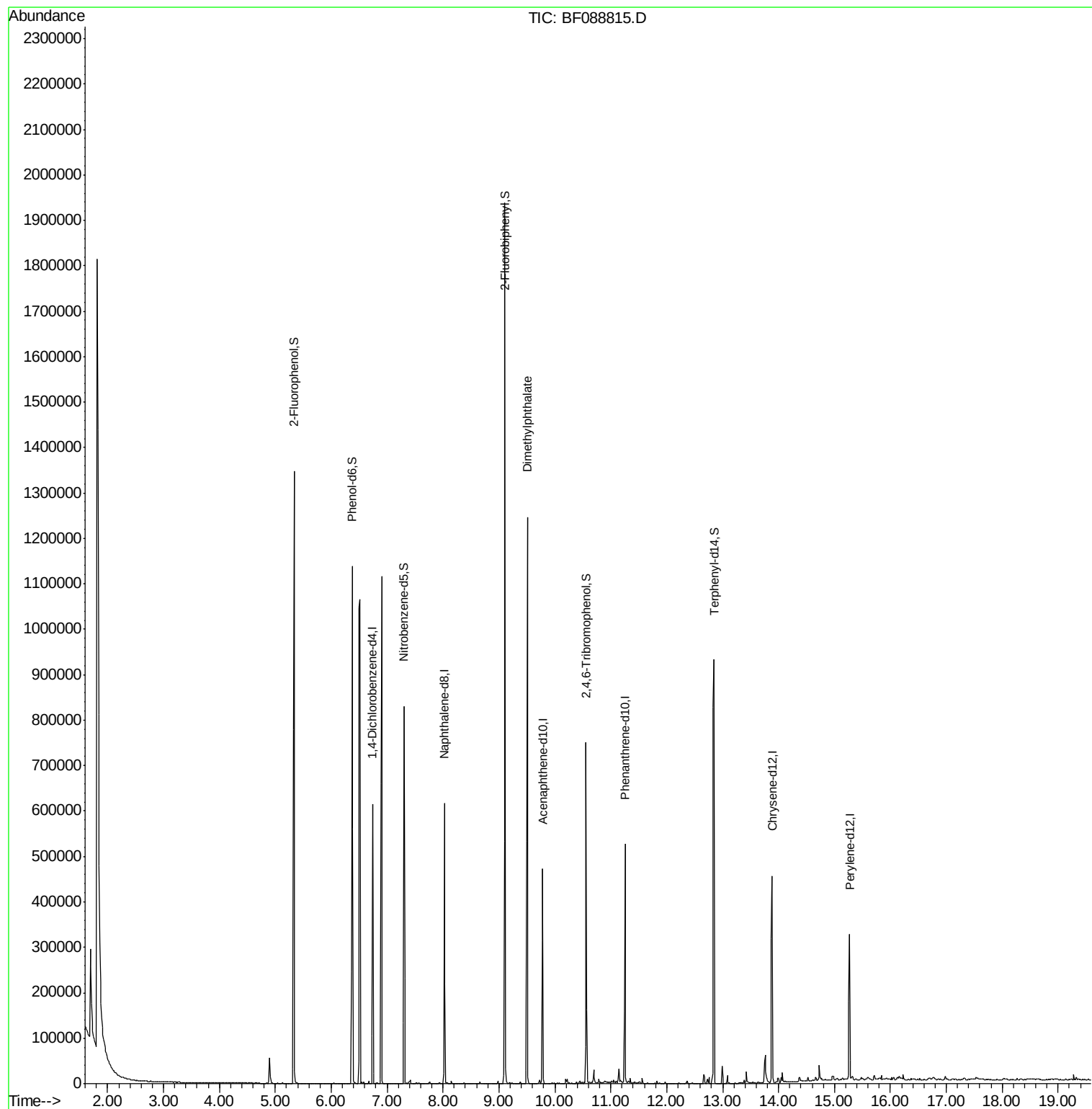
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	85179	20.00	ng	-0.03
21) Naphthalene-d8	8.02	136	294768	20.00	ng	-0.05
38) Acenaphthene-d10	9.78	164	115764	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	191635	20.00	ng	-0.03
75) Chrysene-d12	13.89	240	186067	20.00	ng	-0.03
86) Perylene-d12	15.27	264	138113	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	437742	77.02	ng	-0.03
7) Phenol-d6	6.38	99	511981	69.72	ng	-0.03
23) Nitrobenzene-d5	7.30	82	293882	52.25	ng	-0.05
41) 2,4,6-Tribromophenol	10.56	330	80054	74.47	ng	-0.05
44) 2-Fluorobiphenyl	9.11	172	582249	79.45	ng	-0.03
78) Terphenyl-d14	12.85	244	412236	49.35	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.51	163	572816	69.45	ng	Qvalue 99

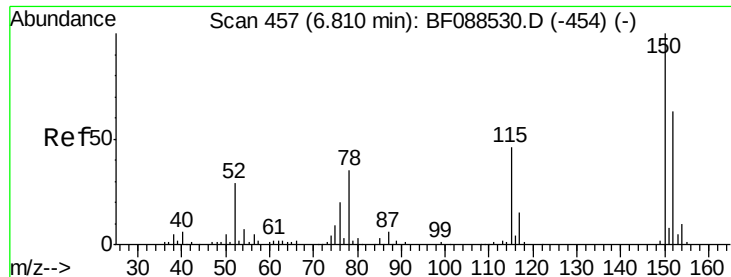
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 451

Delta R.T. -0.03 min

Lab File: BF088815.D

Acq: 8 Jul 2016 9:19

Instrument :

BNA_F

ClientSampleId :

SB-15-COMP

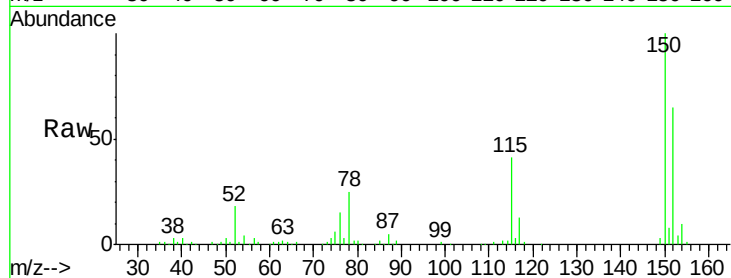
Tot Ion:152 Resp: 85179

Ion Ratio Lower Upper

152 100

150 155.0 123.8 185.6

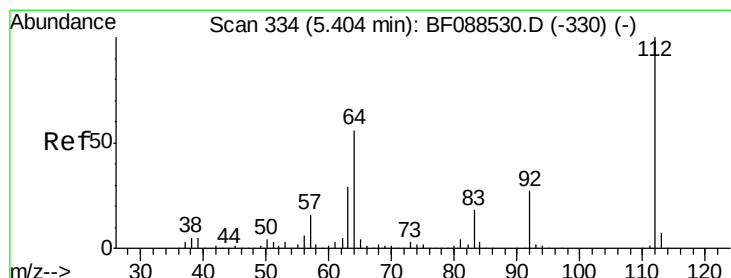
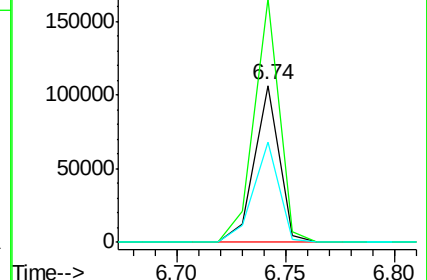
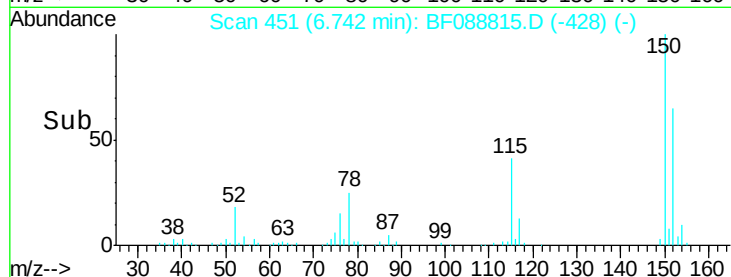
115 64.2 39.6 59.4#



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: 77.02 ng

RT: 5.34 min Scan# 328

Delta R.T. -0.03 min

Lab File: BF088815.D

Acq: 8 Jul 2016 9:19

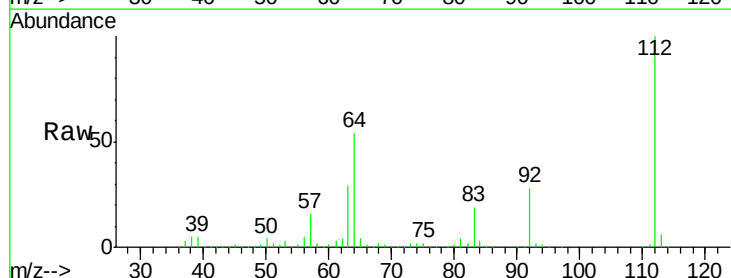
Tgt Ion:112 Resp: 437742

Ion Ratio Lower Upper

112 100

64 53.8 42.2 63.2

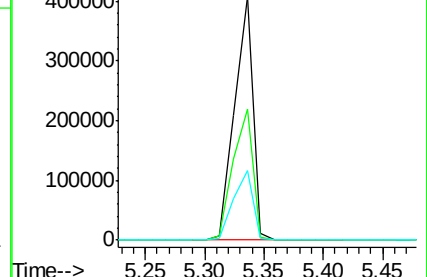
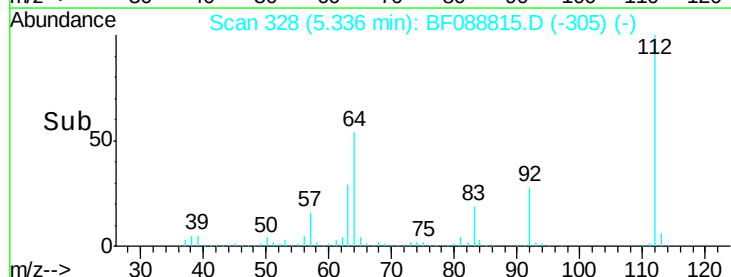
63 28.6 21.8 32.8

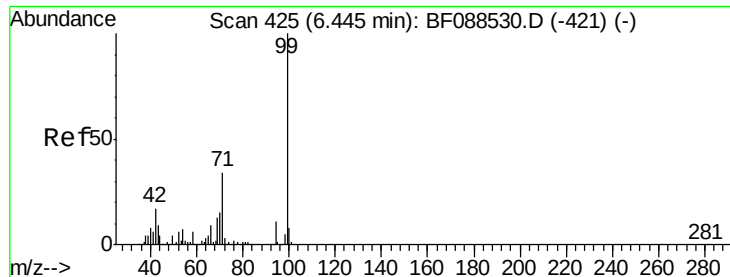


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 69.72 ng

RT: 6.38 min Scan# 419

Delta R.T. -0.03 min

Lab File: BF088815.D

Acq: 8 Jul 2016 9:19

Instrument :

BNA_F

ClientSampled :

SB-15-COMP

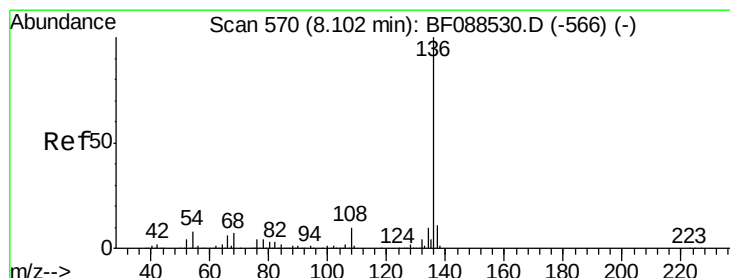
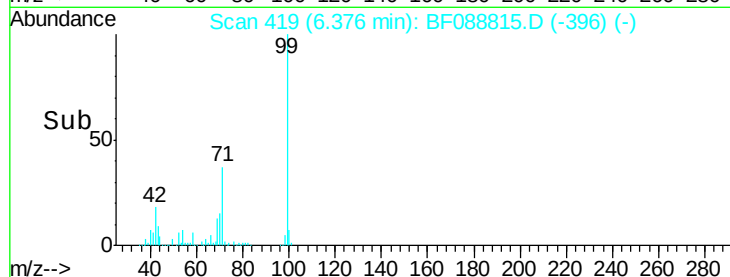
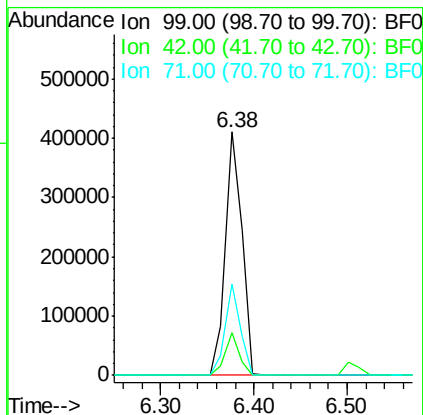
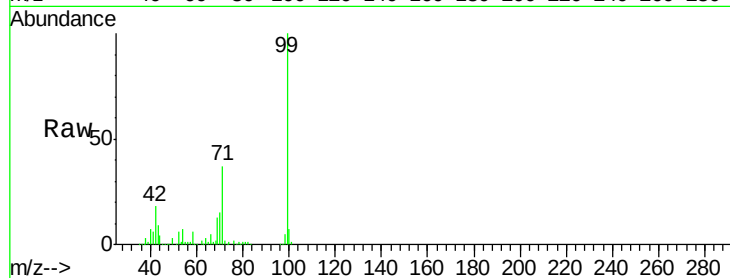
Tot Ion: 99 Resp: 511981

Ion Ratio Lower Upper

99 100

42 17.7 12.2 18.2

71 37.3 23.4 35.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 563

Delta R.T. -0.05 min

Lab File: BF088815.D

Acq: 8 Jul 2016 9:19

Tgt Ion: 136 Resp: 294768

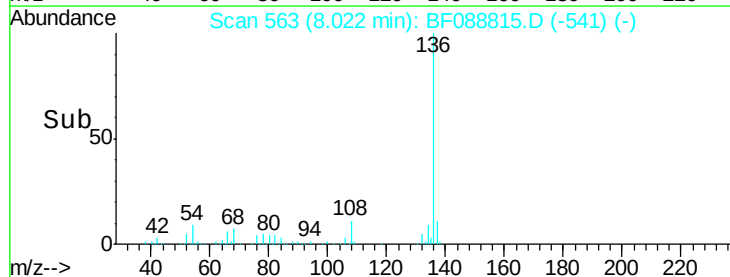
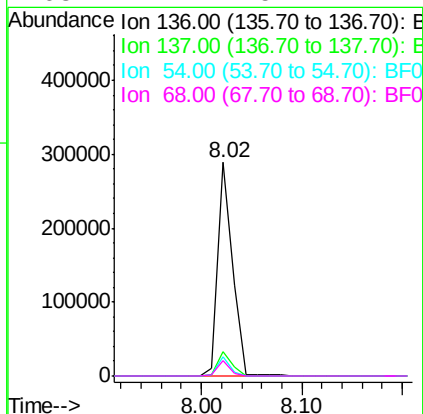
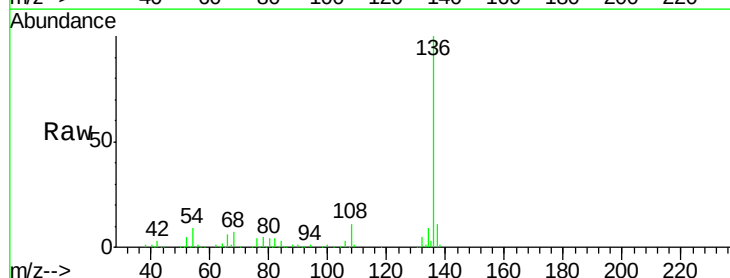
Ion Ratio Lower Upper

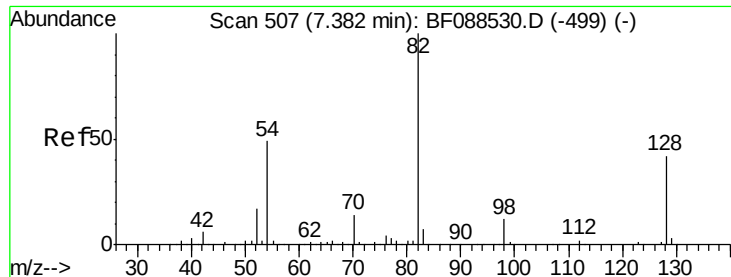
136 100

137 11.3 9.1 13.7

54 8.9 6.6 10.0

68 7.1 5.1 7.7

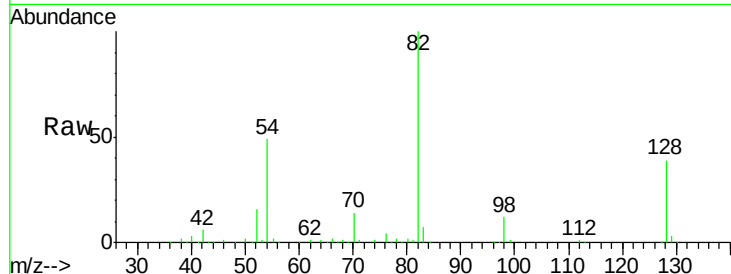




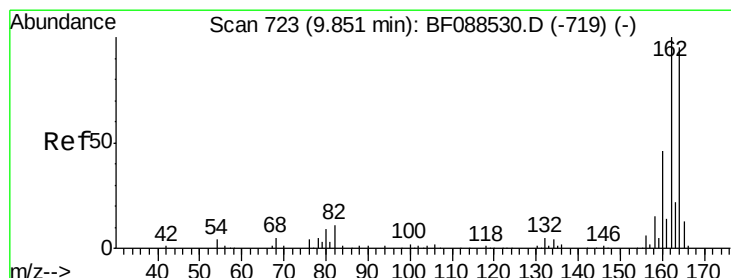
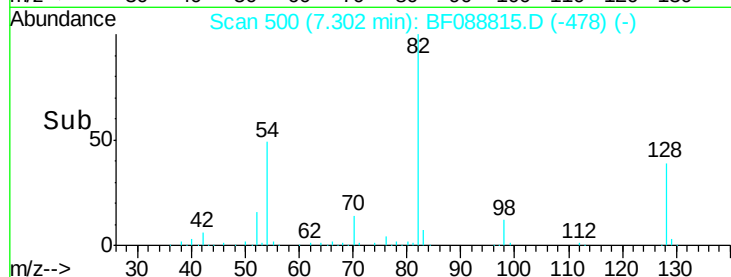
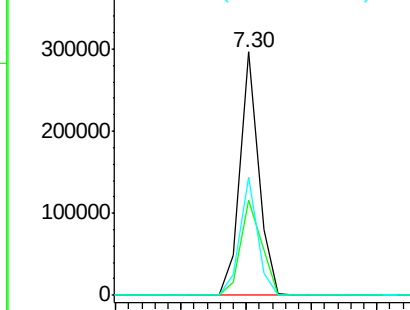
#23
 Nitrobenzene-d5
 Concen: 52.25 ng
 RT: 7.30 min Scan# 500
 Delta R.T. -0.05 min
 Lab File: BF088815.D
 Acq: 8 Jul 2016 9:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMP

Tot Ion	82	Resp	293882
Ion Ratio	Lower	Upper	
82	100		
128	39.1	35.9	53.9
54	48.8	40.9	61.3

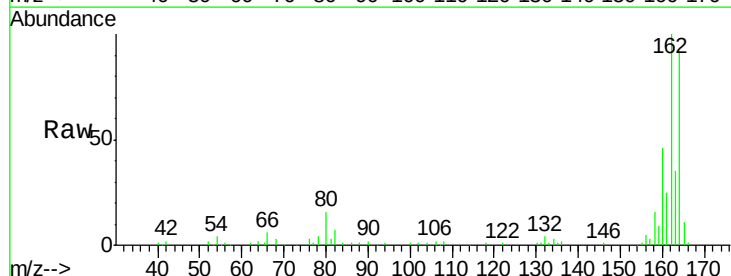


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

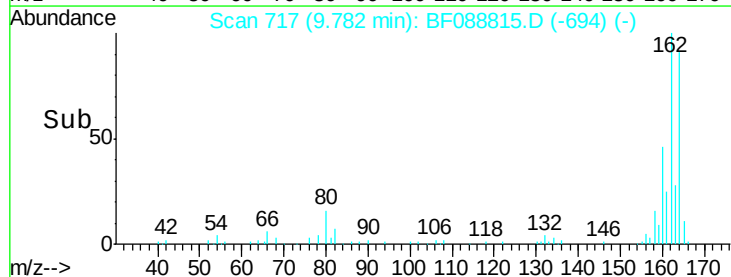
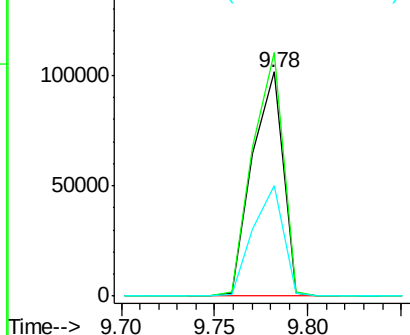


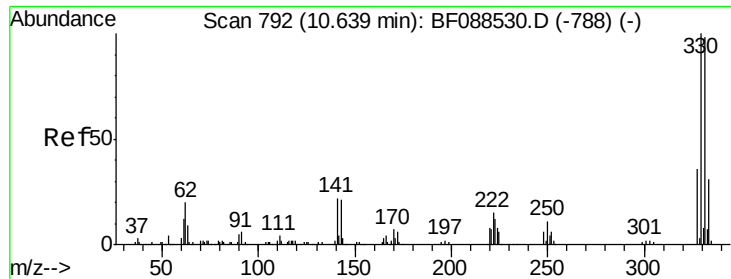
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 717
 Delta R.T. -0.03 min
 Lab File: BF088815.D
 Acq: 8 Jul 2016 9:19

Tgt Ion	164	Resp	115764
Ion Ratio	Lower	Upper	
164	100		
162	108.8	85.4	128.2
160	49.7	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

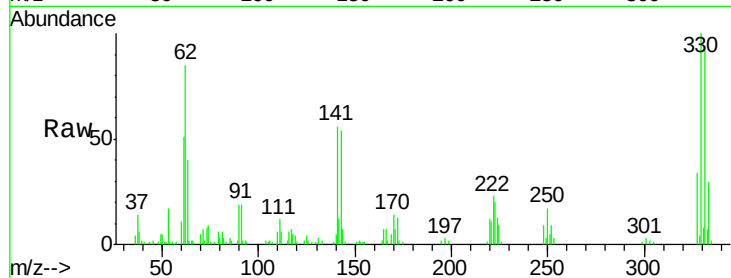




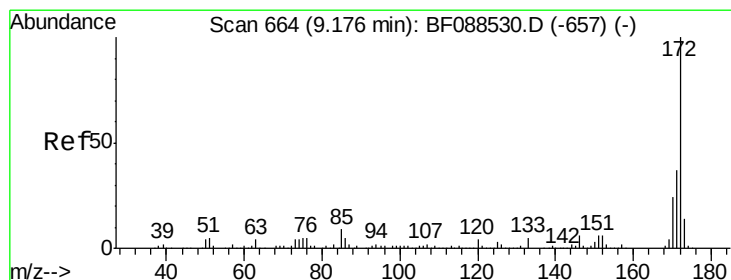
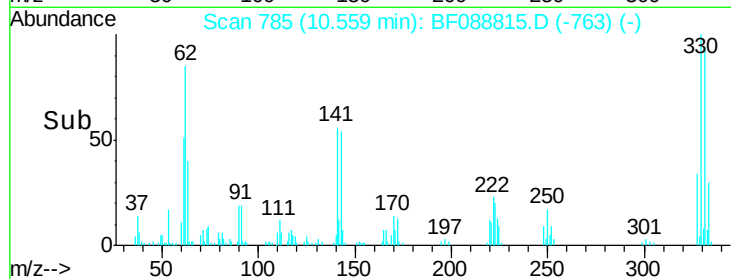
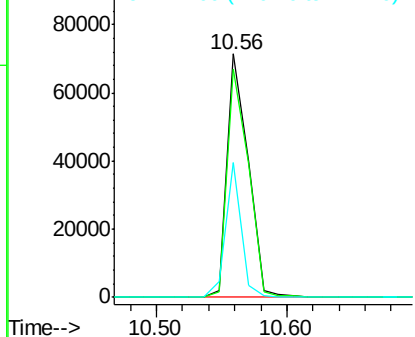
#41
 2,4,6-Tribromophenol
 Concen: 74.47 ng
 RT: 10.56 min Scan# 785
 Delta R.T. -0.05 min
 Lab File: BF088815.D
 Acq: 8 Jul 2016 9:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMP

Tot Ion:330 Resp: 80054
 Ion Ratio Lower Upper
 330 100
 332 94.8 0.0 0.0#
 141 41.4 0.0 0.0#

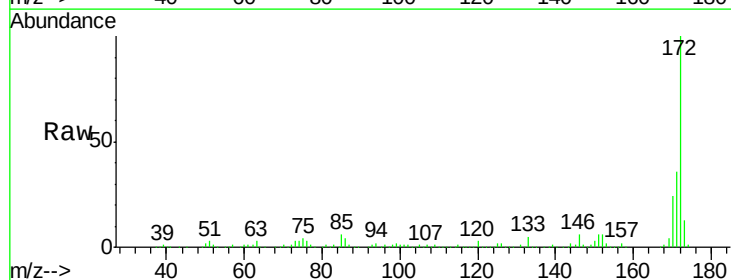


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

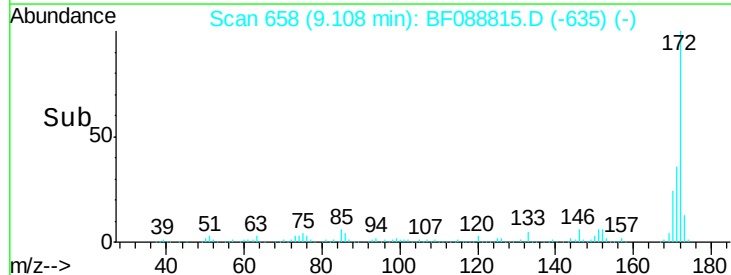
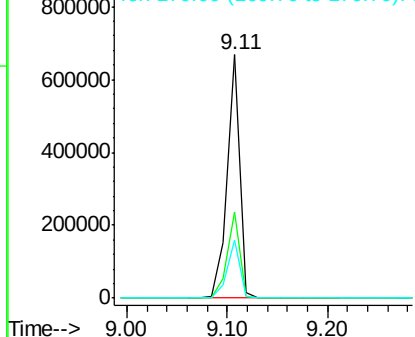


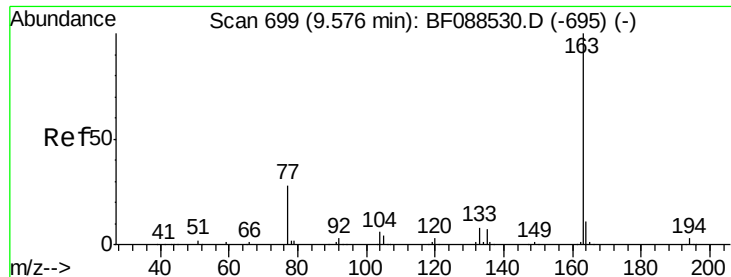
#44
 2-Fluorobiphenyl
 Concen: 79.45 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.03 min
 Lab File: BF088815.D
 Acq: 8 Jul 2016 9:19

Tgt Ion:172 Resp: 582249
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.6 43.0
 170 23.9 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





#49

Dimethylphthalate

Concen: 69.45 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.03 min

Lab File: BF088815.D

Acq: 8 Jul 2016 9:19

Instrument :

BNA_F

ClientSampleId :

SB-15-COMP

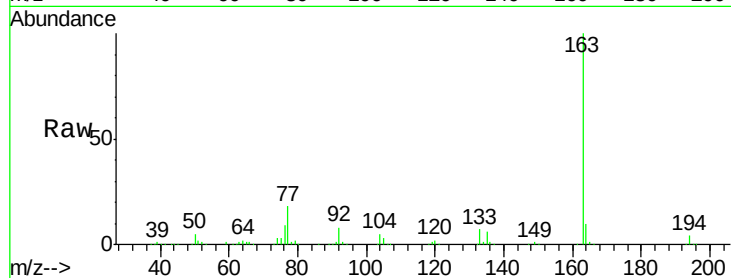
Tot Ion:163 Resp: 572816

Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

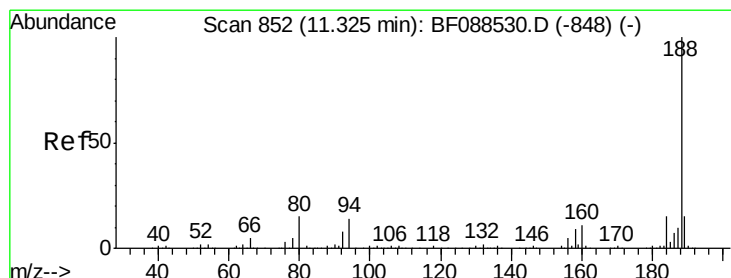
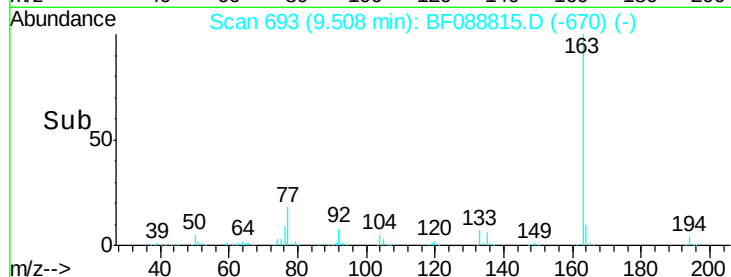
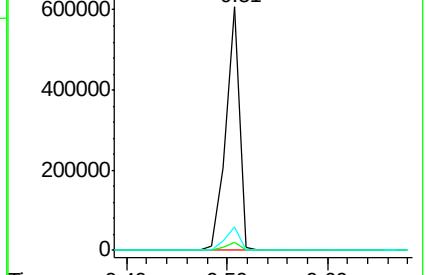
164 9.8 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.26 min Scan# 846

Delta R.T. -0.03 min

Lab File: BF088815.D

Acq: 8 Jul 2016 9:19

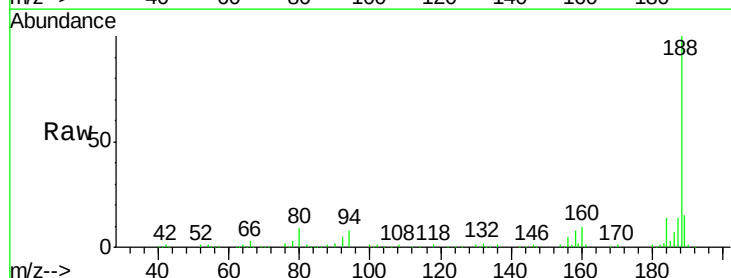
Tgt Ion:188 Resp: 191635

Ion Ratio Lower Upper

188 100

94 8.4 9.0 13.6#

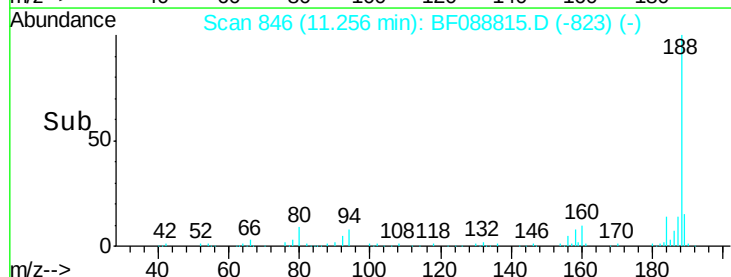
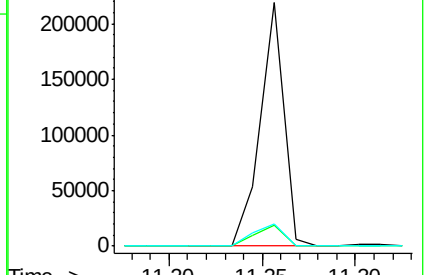
80 9.0 10.0 15.0#

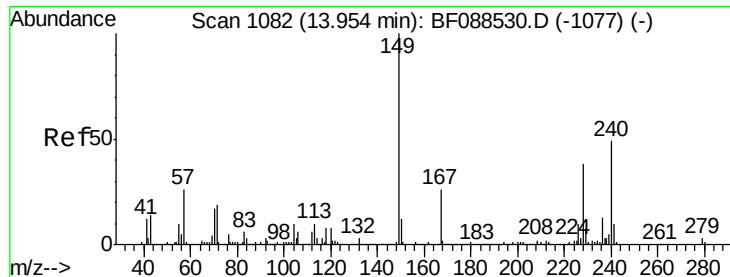


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.89 min Scan# 1076

Delta R.T. -0.03 min

Lab File: BF088815.D

Acq: 8 Jul 2016 9:19

Instrument :

BNA_F

ClientSampleId :

SB-15-COMP

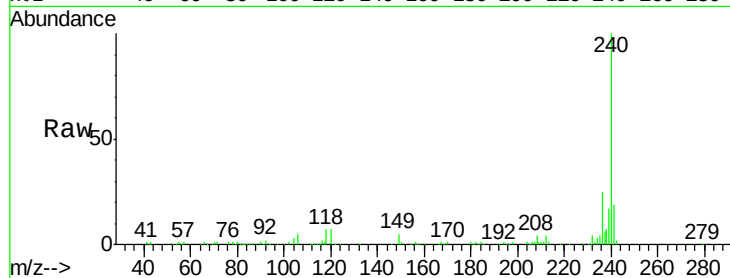
Tot Ion:240 Resp: 186067

Ion Ratio Lower Upper

240 100

120 7.3 6.8 10.2

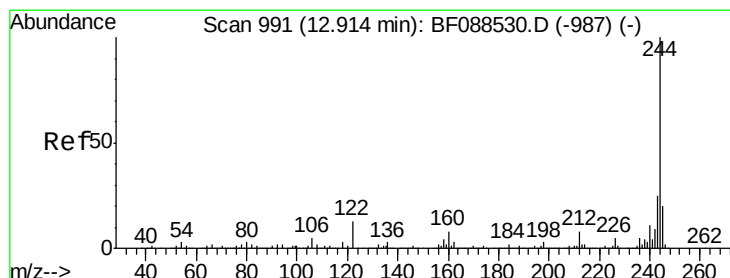
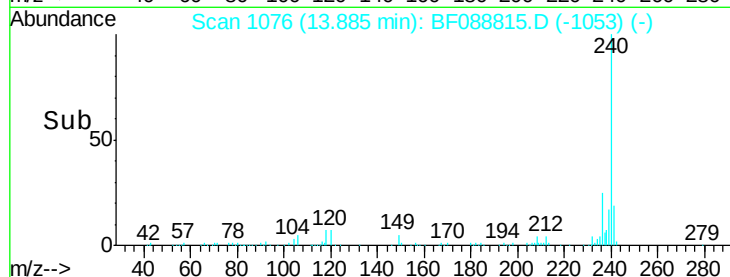
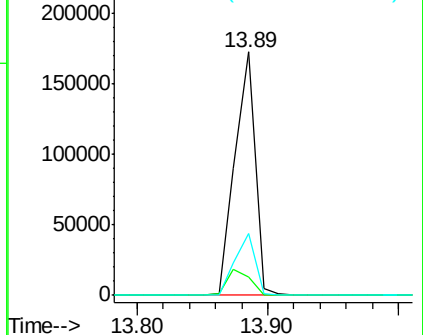
236 25.4 20.2 30.2



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: 49.35 ng

RT: 12.85 min Scan# 985

Delta R.T. -0.02 min

Lab File: BF088815.D

Acq: 8 Jul 2016 9:19

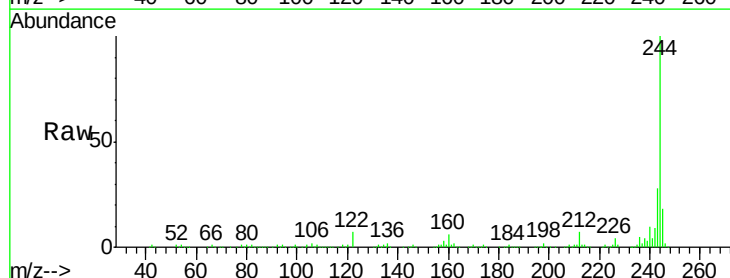
Tgt Ion:244 Resp: 412236

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

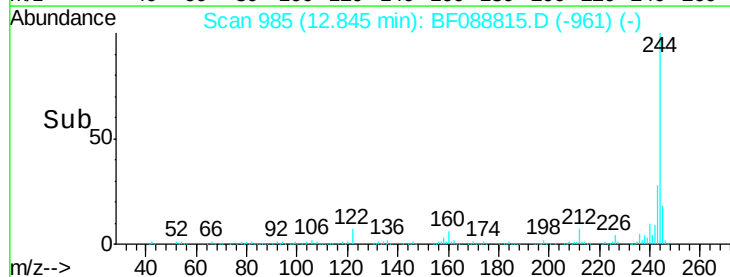
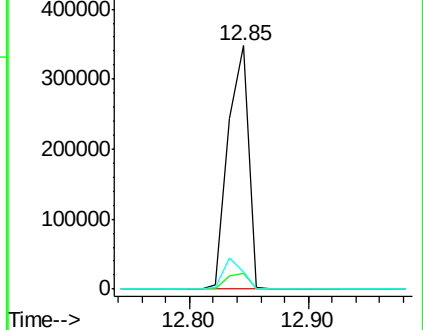
122 7.0 11.2 16.8#

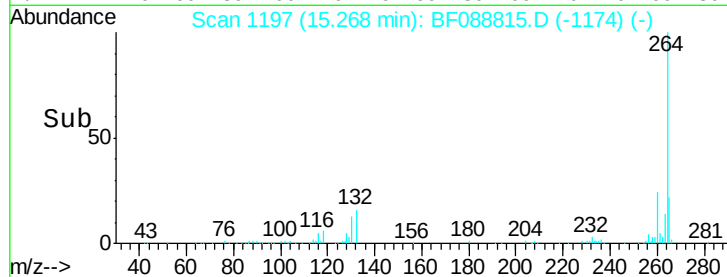
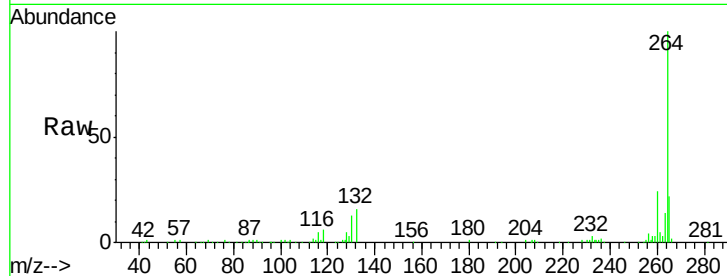
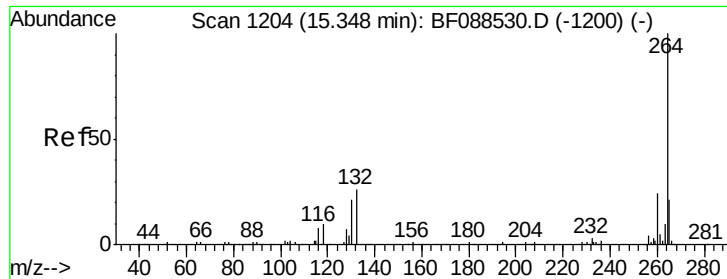


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.27 min Scan# 1197
 Delta R.T. -0.03 min
 Lab File: BF088815.D
 Acq: 8 Jul 2016 9:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.6	16.9	25.3

