

Data Path : V:\HPCHEM1\BNA F\DATA\BF070916\
 Data File : BF088880.D
 Acq On : 9 Jul 2016 19:33
 Operator : UM/SJ
 Sample : H3813-13 25X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS004-0006-01

Quant Time: Jul 11 05:53:39 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	6.72	152	77875	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	278278	20.00	ng	-0.02
38) Acenaphthene-d10	9.75	164	131240	20.00	ng	-0.02
63) Phenanthrene-d10	11.22	188	245240	20.00	ng	-0.02
75) Chrysene-d12	13.85	240	150260	20.00	ng	-0.02
86) Perylene-d12	15.23	264	142324	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	17134	3.30	ng	-0.03
7) Phenol-d6	6.34	99	23363	3.48	ng	-0.03
23) Nitrobenzene-d5	7.28	82	14756	2.78	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	5216	4.28	ng	-0.02
44) 2-Fluorobiphenyl	9.07	172	28215	3.40	ng	-0.02
78) Terphenyl-d14	12.81	244	22643	3.36	ng	-0.01

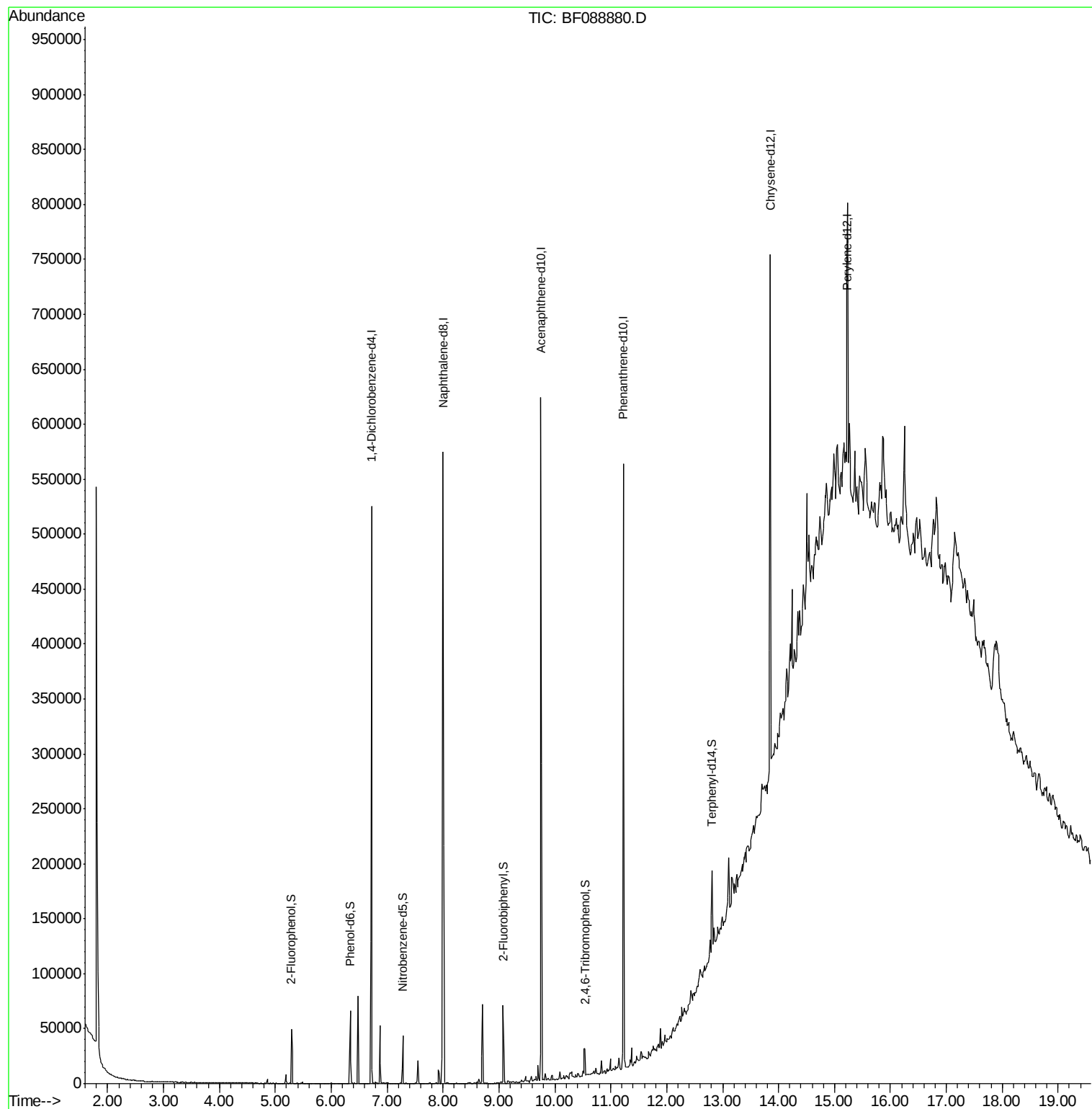
Target Compounds Qvalue

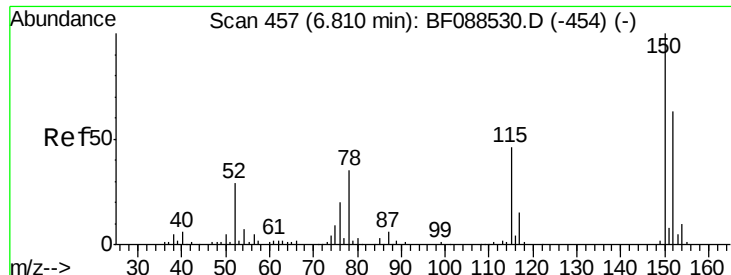
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.72 min Scan# 449

Delta R.T. -0.01 min

Lab File: BF088880.D

Acq: 9 Jul 2016 19:33

Instrument :

BNA_F

ClientSampleId :

P001-SS004-0006-01

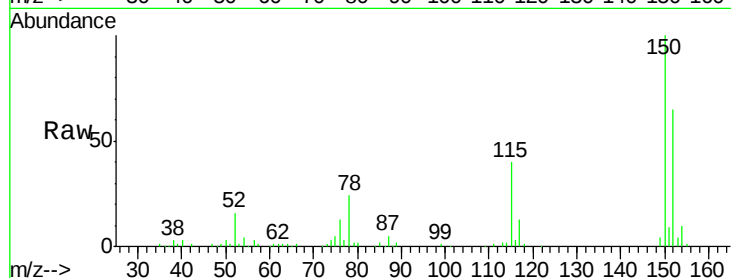
Tot Ion:152 Resp: 77875

Ion Ratio Lower Upper

152 100

150 154.6 123.8 185.6

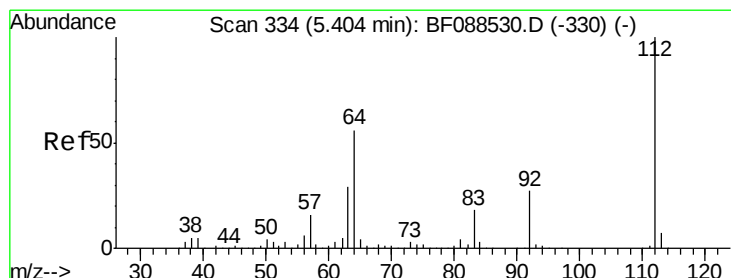
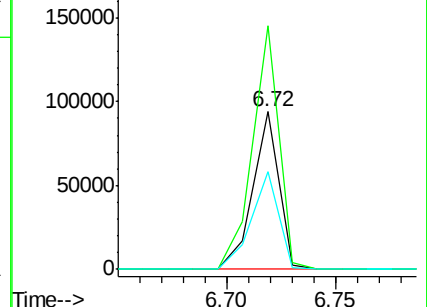
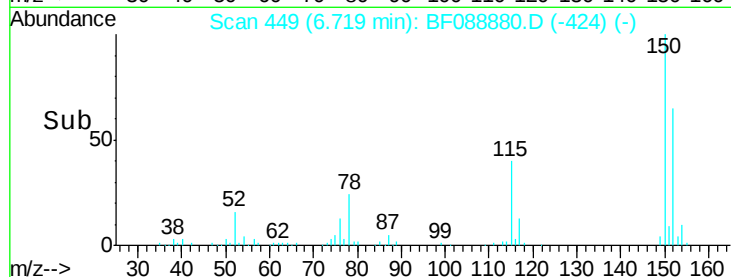
115 62.2 39.6 59.4#



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: 3.30 ng

RT: 5.29 min Scan# 324

Delta R.T. -0.03 min

Lab File: BF088880.D

Acq: 9 Jul 2016 19:33

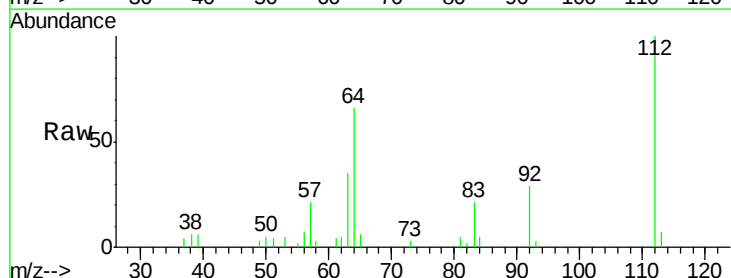
Tgt Ion:112 Resp: 17134

Ion Ratio Lower Upper

112 100

64 65.8 42.2 63.2#

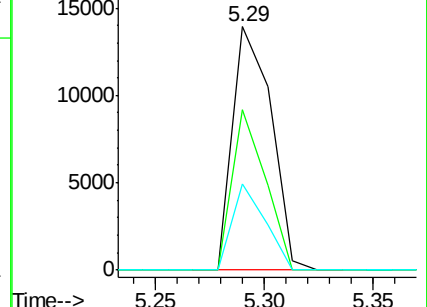
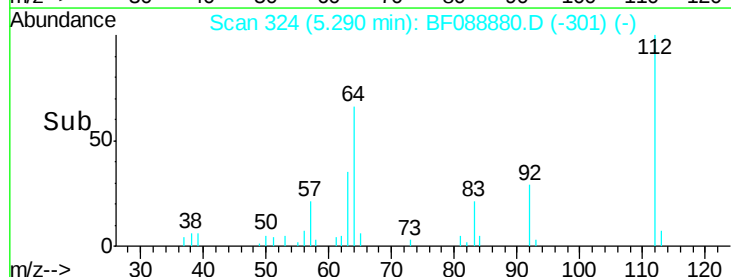
63 35.3 21.8 32.8#



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: 3.48 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.03 min

Lab File: BF088880.D

Acq: 9 Jul 2016 19:33

Instrument :

BNA_F

ClientSampleId :

P001-SS004-0006-01

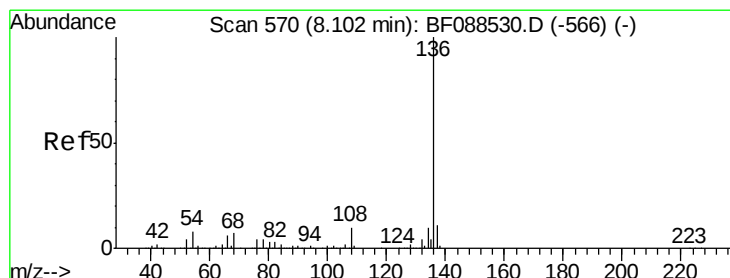
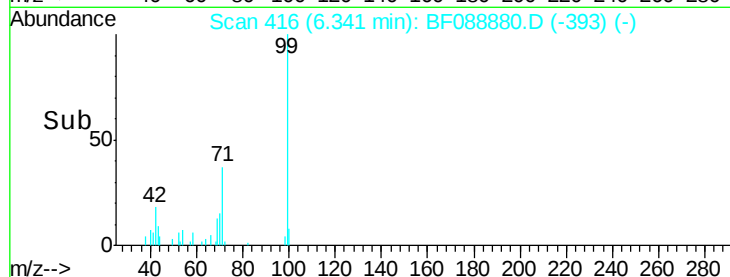
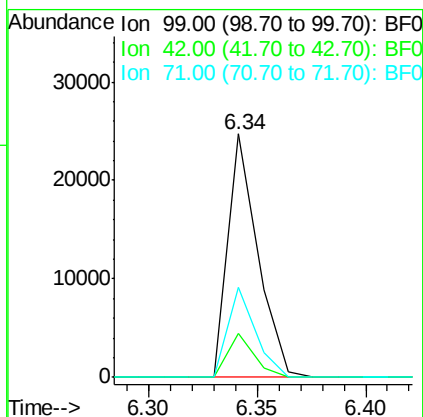
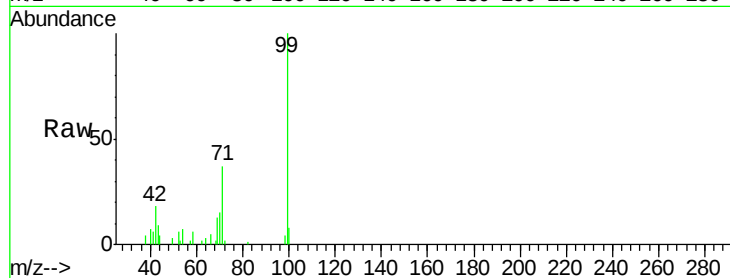
Tot Ion: 99 Resp: 23363

Ion Ratio Lower Upper

99 100

42 17.9 12.2 18.2

71 37.1 23.4 35.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 561

Delta R.T. -0.02 min

Lab File: BF088880.D

Acq: 9 Jul 2016 19:33

Tgt Ion: 136 Resp: 278278

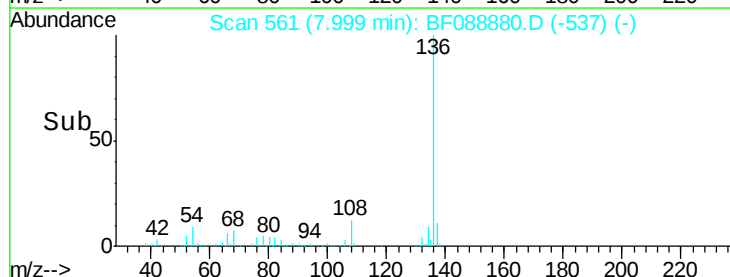
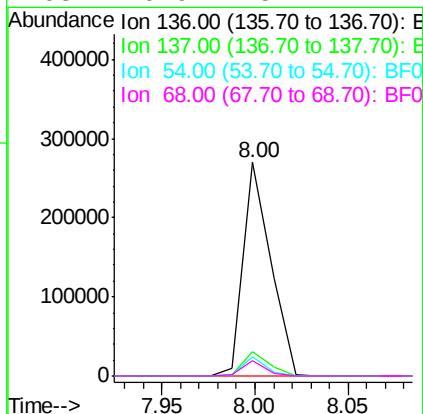
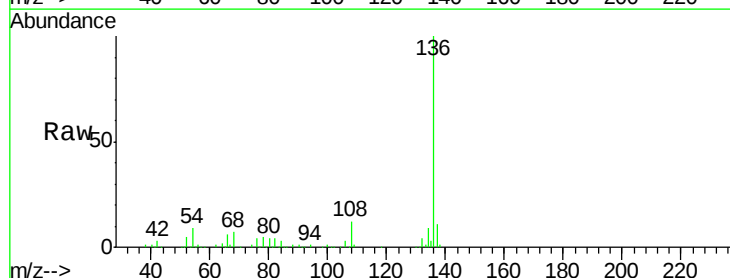
Ion Ratio Lower Upper

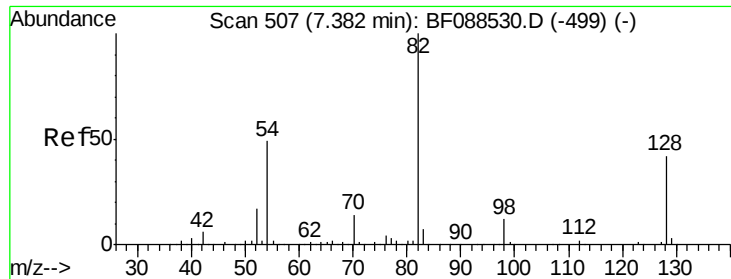
136 100

137 11.4 9.1 13.7

54 8.9 6.6 10.0

68 6.9 5.1 7.7

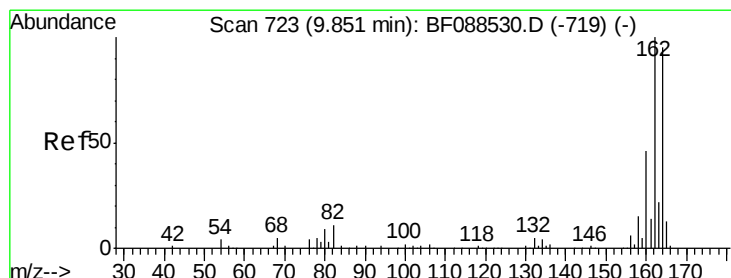
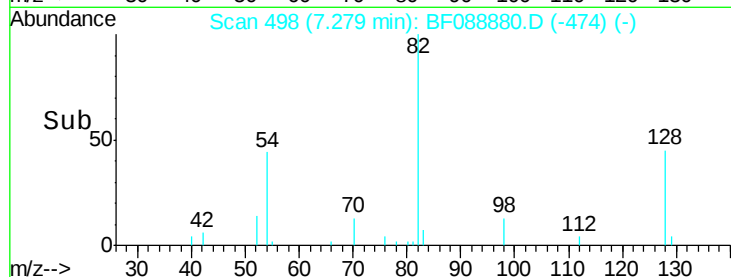
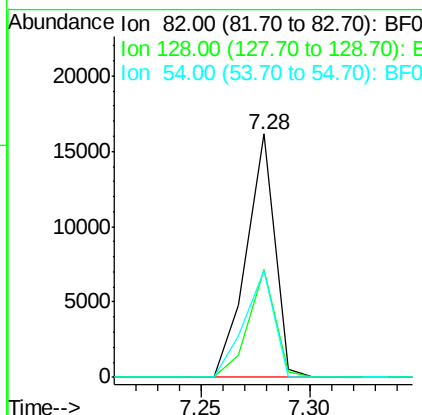
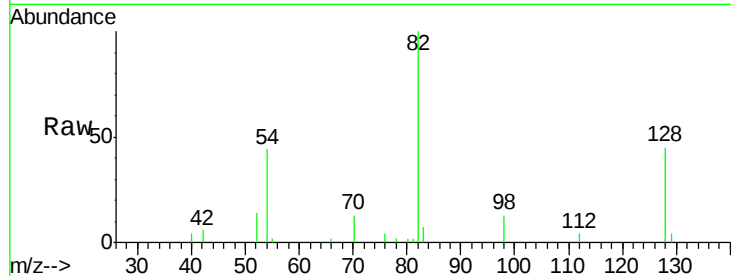




#23
 Nitrobenzene-d5
 Concen: 2.78 ng
 RT: 7.28 min Scan# 498
 Delta R.T. -0.02 min
 Lab File: BF088880.D
 Acq: 9 Jul 2016 19:33

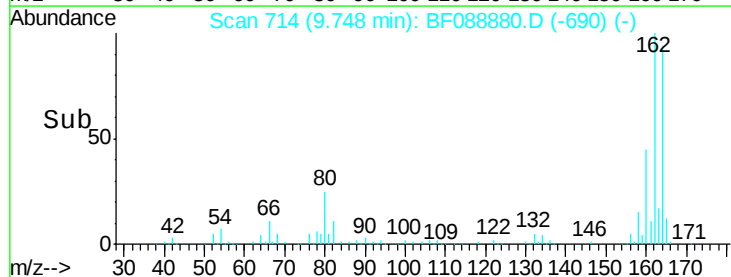
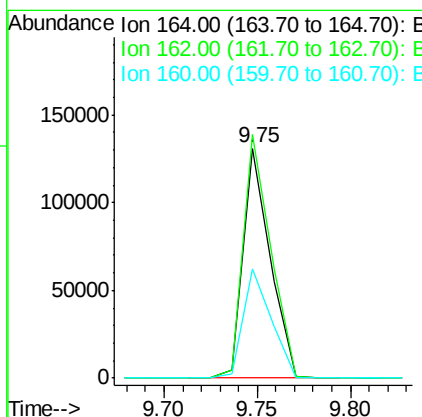
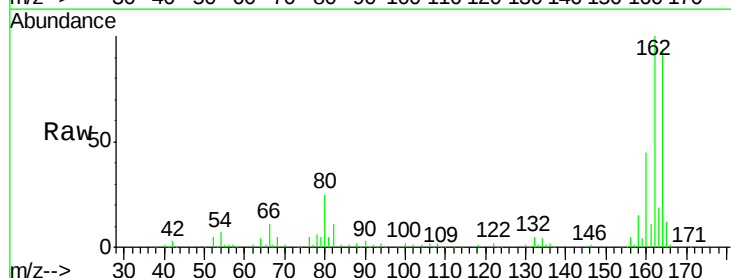
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS004-0006-01

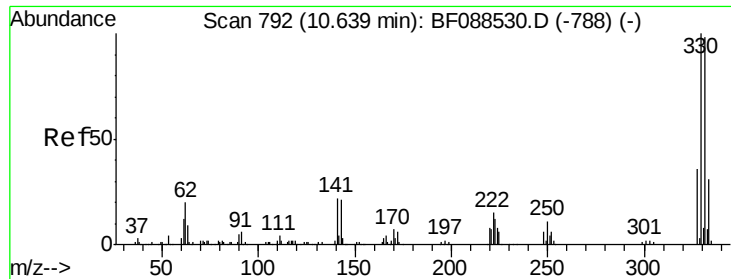
Tot Ion: 82 Resp: 14756
 Ion Ratio Lower Upper
 82 100
 128 44.6 35.9 53.9
 54 43.6 40.9 61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 714
 Delta R.T. -0.02 min
 Lab File: BF088880.D
 Acq: 9 Jul 2016 19:33

Tgt Ion:164 Resp: 131240
 Ion Ratio Lower Upper
 164 100
 162 106.0 85.4 128.2
 160 47.4 39.5 59.3

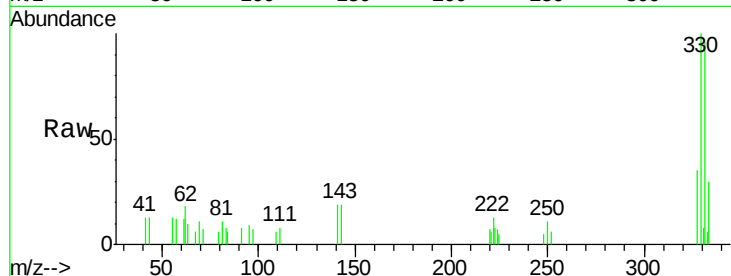




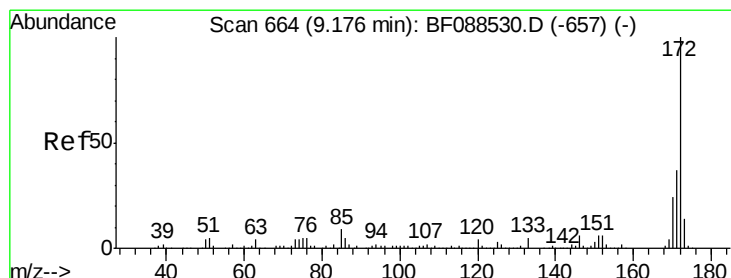
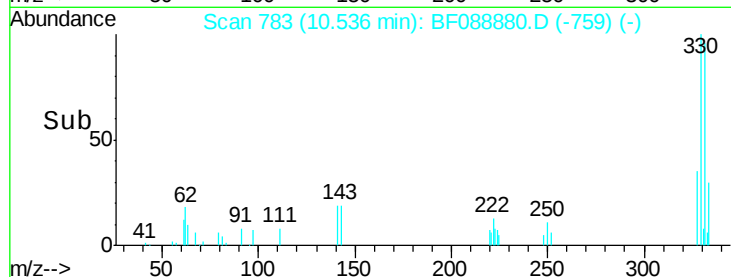
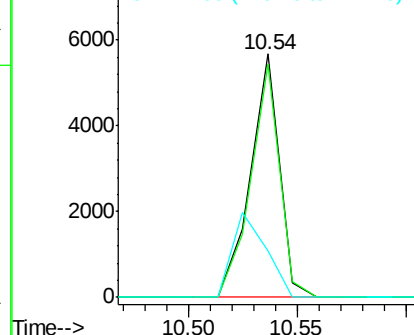
#41
 2,4,6-Tribromophenol
 Concen: 4.28 ng
 RT: 10.54 min Scan# 783
 Delta R.T. -0.02 min
 Lab File: BF088880.D
 Acq: 9 Jul 2016 19:33

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS004-0006-01

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	0.0	0.0#
141	40.3	0.0	0.0#

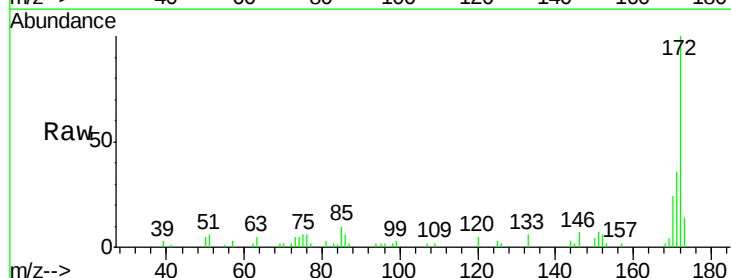


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

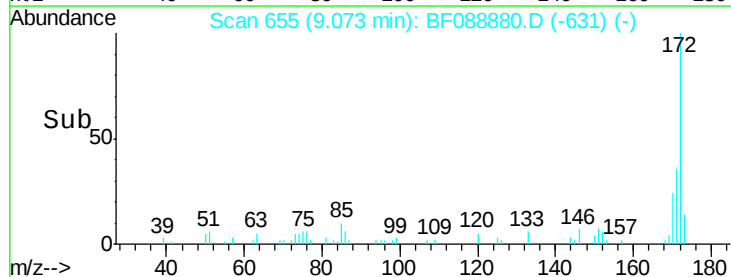
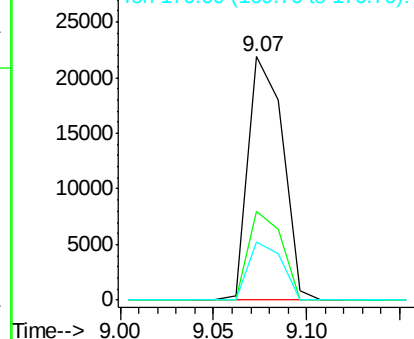


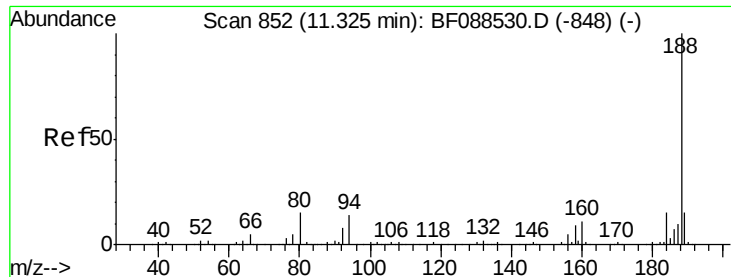
#44
 2-Fluorobiphenyl
 Concen: 3.40 ng
 RT: 9.07 min Scan# 655
 Delta R.T. -0.02 min
 Lab File: BF088880.D
 Acq: 9 Jul 2016 19:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	24.0	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

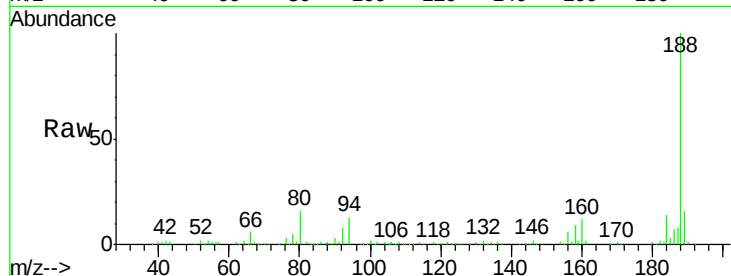




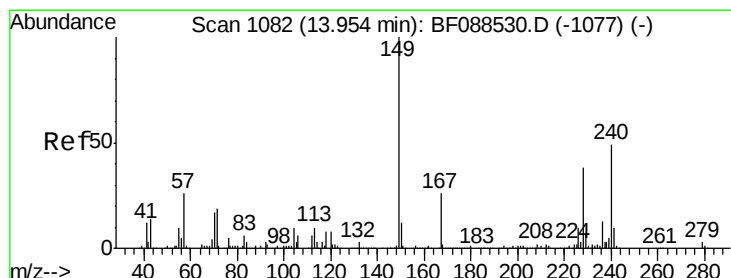
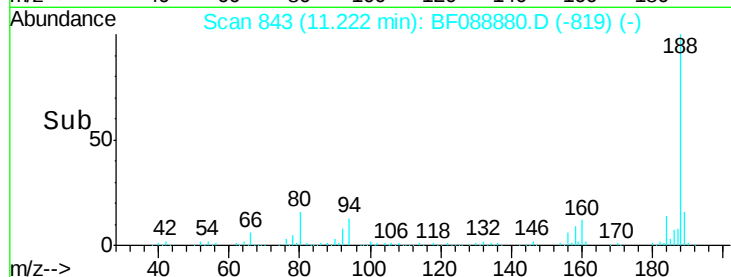
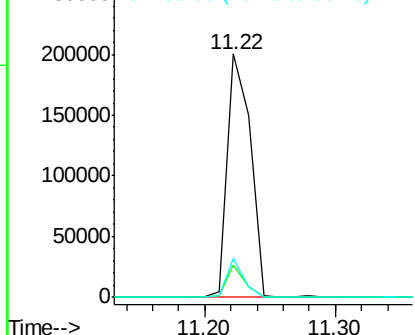
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 843
Delta R.T. -0.02 min
Lab File: BF088880.D
Acq: 9 Jul 2016 19:33

Instrument :
BNA_F
ClientSampleId :
P001-SS004-0006-01

Tot Ion:188 Resp: 245240
Ion Ratio Lower Upper
188 100
94 13.3 9.0 13.6
80 15.9 10.0 15.0#

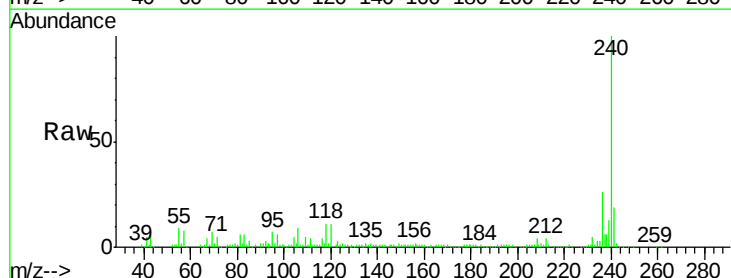


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

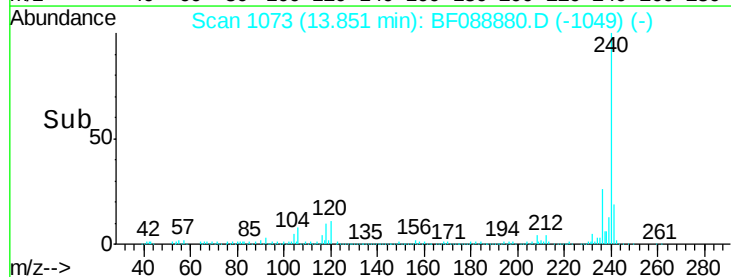
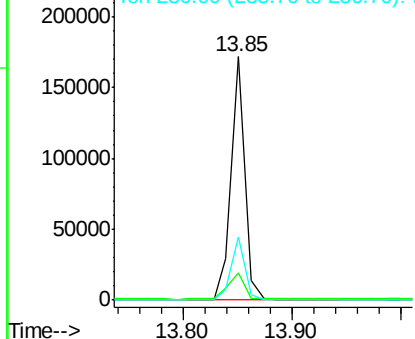


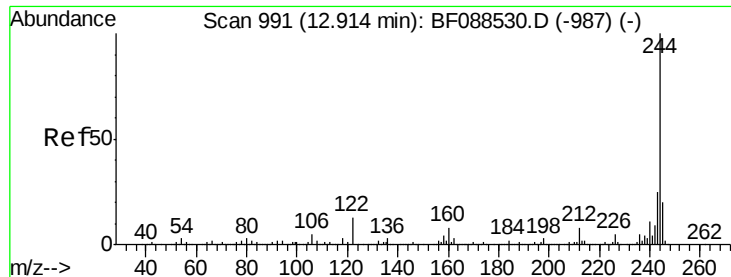
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.85 min Scan# 1073
Delta R.T. -0.02 min
Lab File: BF088880.D
Acq: 9 Jul 2016 19:33

Tgt Ion:240 Resp: 150260
Ion Ratio Lower Upper
240 100
120 11.1 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: 3.36 ng

RT: 12.81 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF088880.D

Acq: 9 Jul 2016 19:33

Instrument :

BNA_F

ClientSampleId :

P001-SS004-0006-01

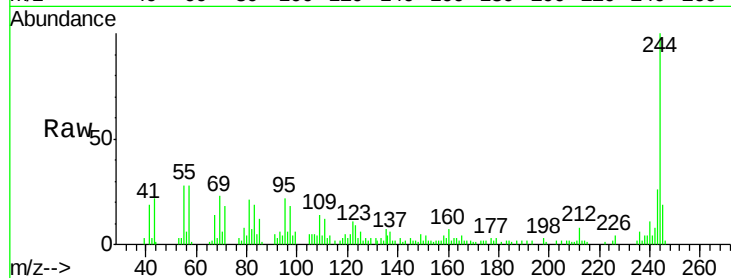
Tot Ion:244 Resp: 22643

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

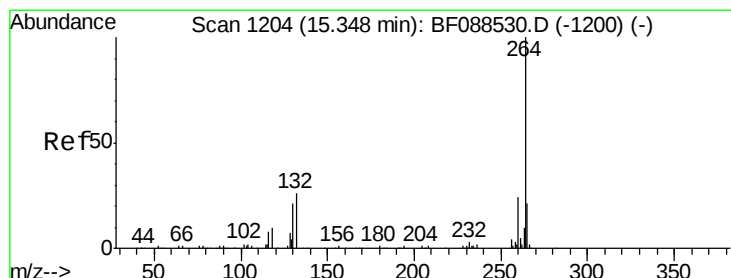
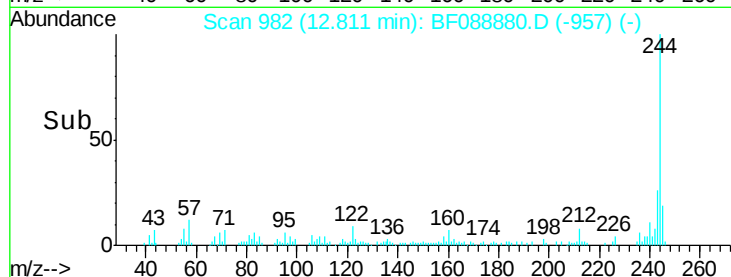
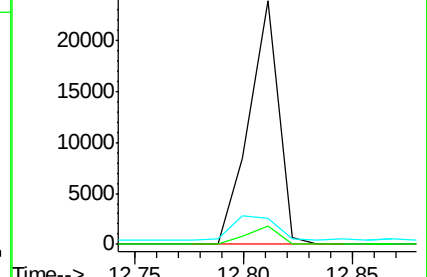
122 10.6 11.2 16.8#



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: 15.23 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BF088880.D

Acq: 9 Jul 2016 19:33

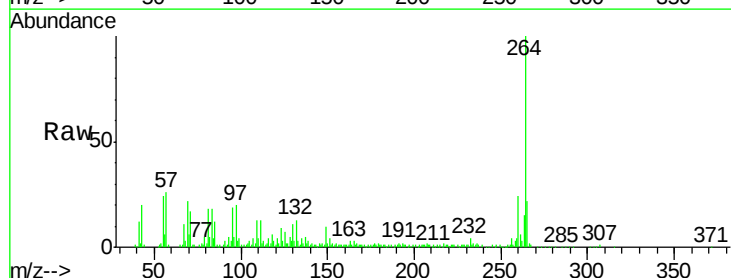
Tgt Ion:264 Resp: 142324

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.9 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

