

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
 Data File : BF088664.D
 Acq On : 3 Jul 2016 23:19
 Operator : UM/SJ
 Sample : H3817-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BS-2C-8.5-9FT

Quant Time: Jul 04 06:44:12 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

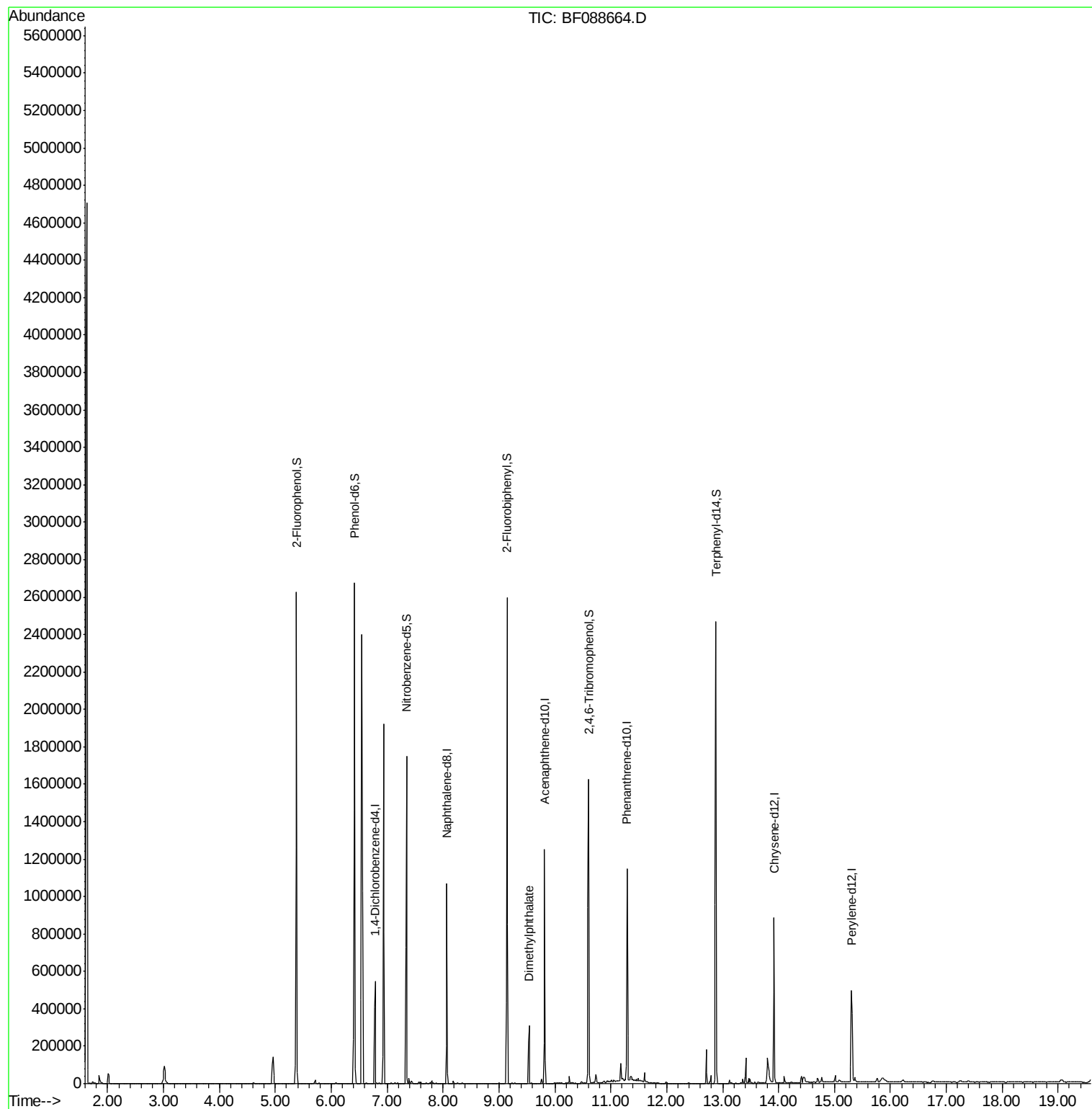
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	109703	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	440235	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	225515	20.00	ng	-0.03
63) Phenanthrene-d10	11.29	188	380339	20.00	ng	-0.03
75) Chrysene-d12	13.92	240	336927	20.00	ng	-0.03
86) Perylene-d12	15.30	264	245039	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	780390	106.61	ng	-0.02
7) Phenol-d6	6.42	99	1100698	116.38	ng	-0.02
23) Nitrobenzene-d5	7.35	82	622691	74.12	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	224016	106.97	ng	-0.03
44) 2-Fluorobiphenyl	9.14	172	891886	62.47	ng	-0.03
78) Terphenyl-d14	12.88	244	758900	50.17	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	9.54	163	172717	10.75	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.02 min

Lab File: BF088664.D

Acq: 3 Jul 2016 23:19

Instrument :

BNA_F

ClientSampleId :

BS-2C-8.5-9FT

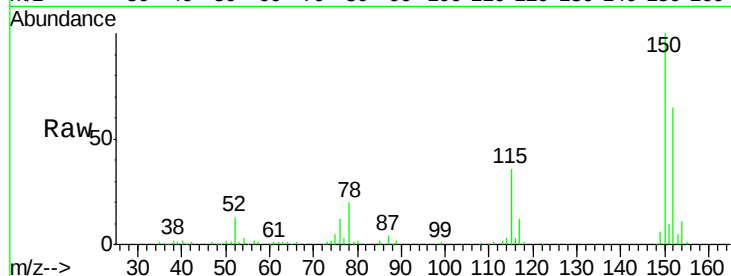
Tot Ion:152 Resp: 109703

Ion Ratio Lower Upper

152 100

150 154.4 123.8 185.6

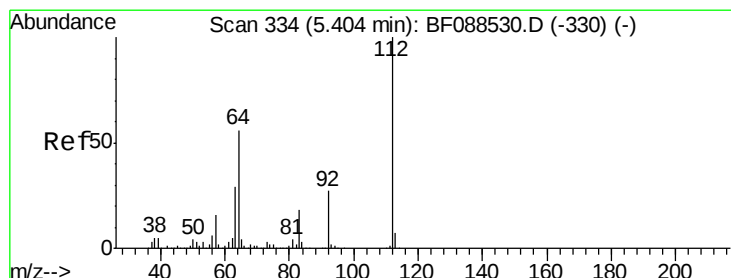
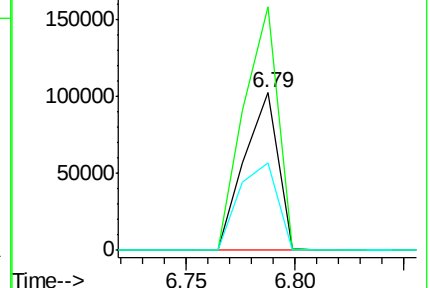
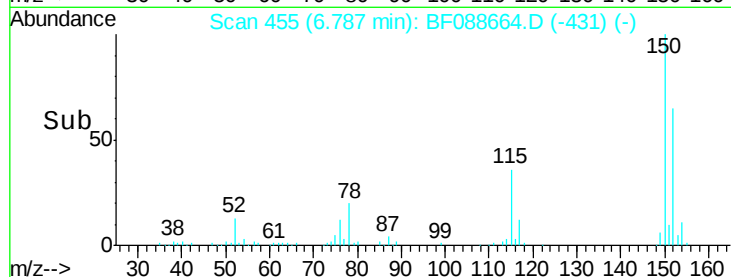
115 55.1 39.6 59.4



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: 106.61 ng

RT: 5.38 min Scan# 332

Delta R.T. -0.02 min

Lab File: BF088664.D

Acq: 3 Jul 2016 23:19

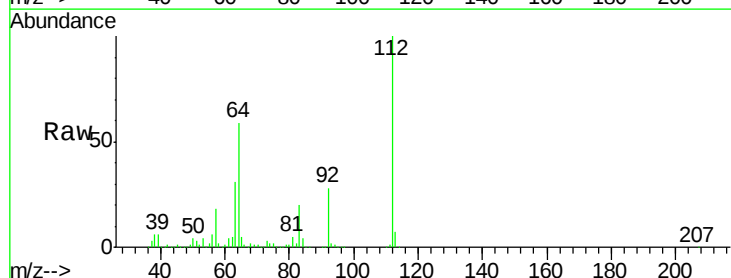
Tgt Ion:112 Resp: 780390

Ion Ratio Lower Upper

112 100

64 59.2 42.2 63.2

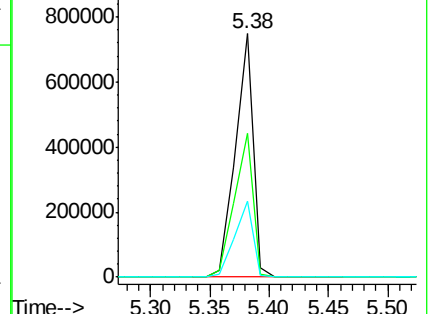
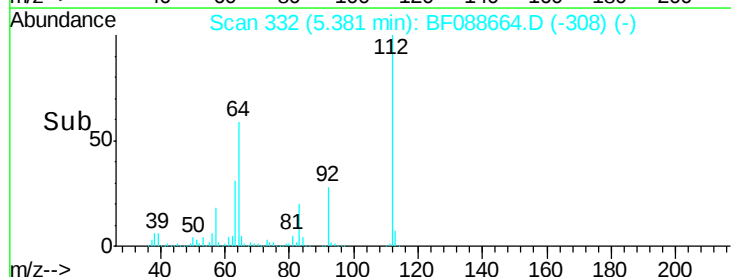
63 31.2 21.8 32.8



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: 116.38 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF088664.D

Acq: 3 Jul 2016 23:19

Instrument :

BNA_F

ClientSampleId :

BS-2C-8.5-9FT

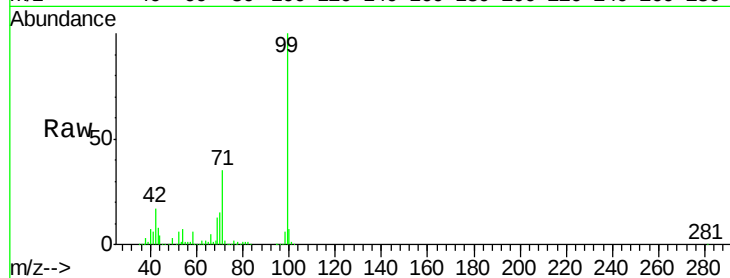
Tot Ion: 99 Resp: 1100698

Ion Ratio Lower Upper

99 100

42 16.6 12.2 18.2

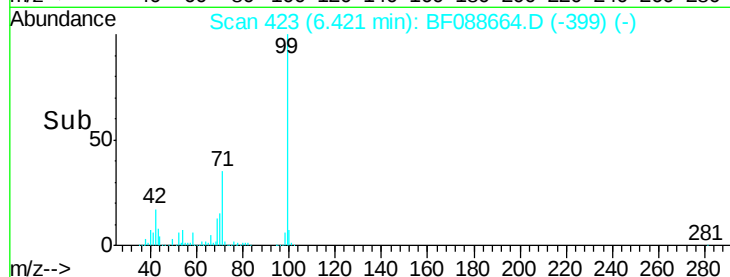
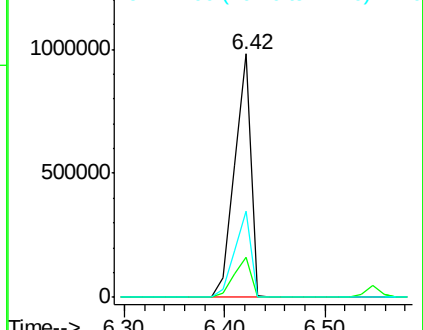
71 35.4 23.4 35.0#



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: 8.07 min Scan# 567

Delta R.T. -0.03 min

Lab File: BF088664.D

Acq: 3 Jul 2016 23:19

Tgt Ion: 136 Resp: 440235

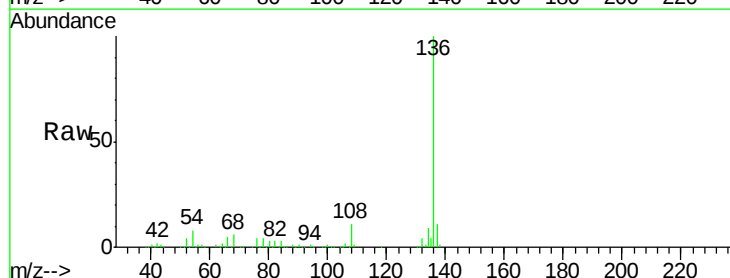
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 7.6 6.6 10.0

68 6.4 5.1 7.7

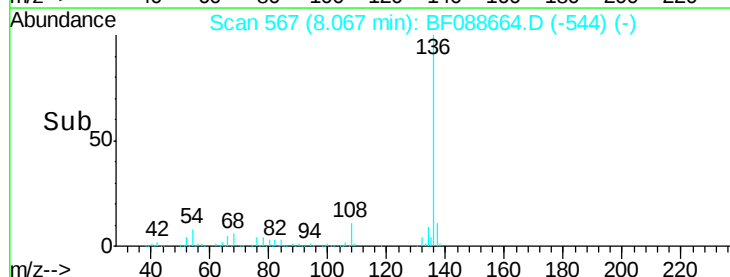
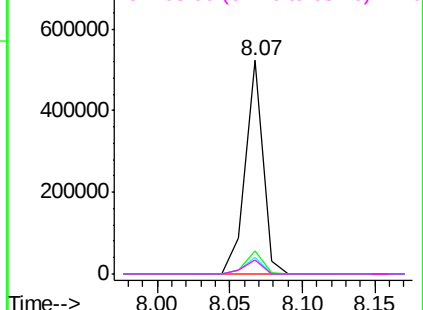


Abundance Ion 136.00 (135.70 to 136.70): E

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: 74.12 ng

RT: 7.35 min Scan# 504

Delta R.T. -0.03 min

Lab File: BF088664.D

Acq: 3 Jul 2016 23:19

Instrument :

BNA_F

ClientSampleId :

BS-2C-8.5-9FT

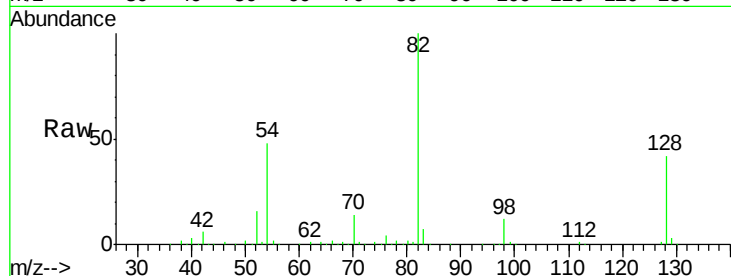
Tot Ion: 82 Resp: 622691

Ion Ratio Lower Upper

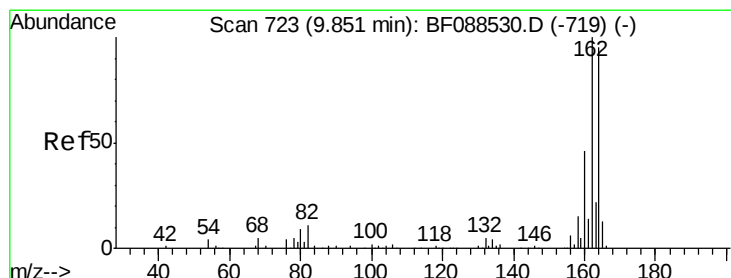
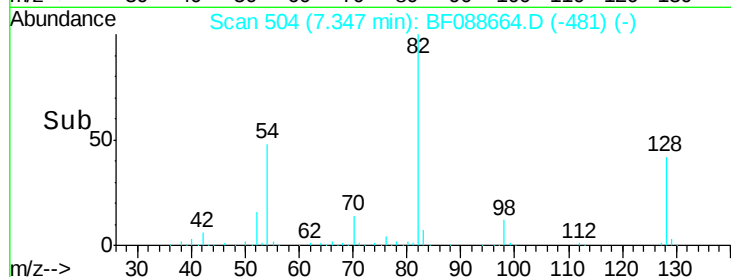
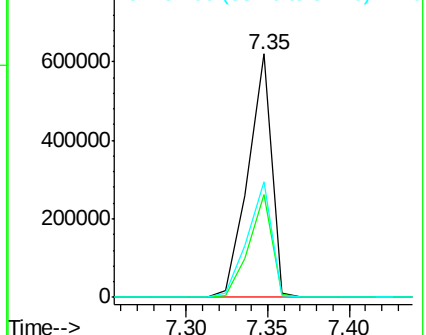
82 100

128 42.3 35.9 53.9

54 47.7 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: 9.82 min Scan# 720

Delta R.T. -0.03 min

Lab File: BF088664.D

Acq: 3 Jul 2016 23:19

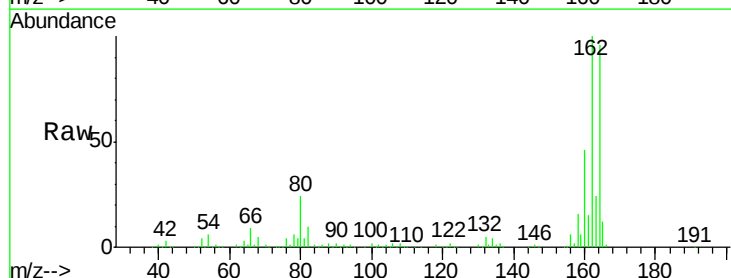
Tgt Ion:164 Resp: 225515

Ion Ratio Lower Upper

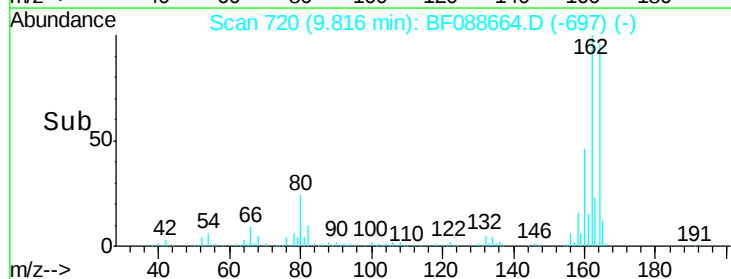
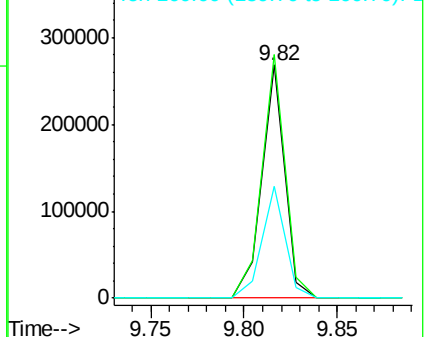
164 100

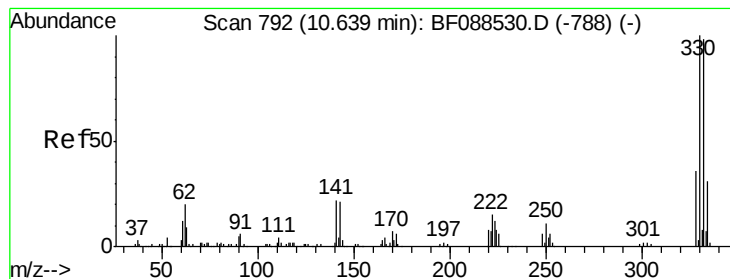
162 104.5 85.4 128.2

160 47.7 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

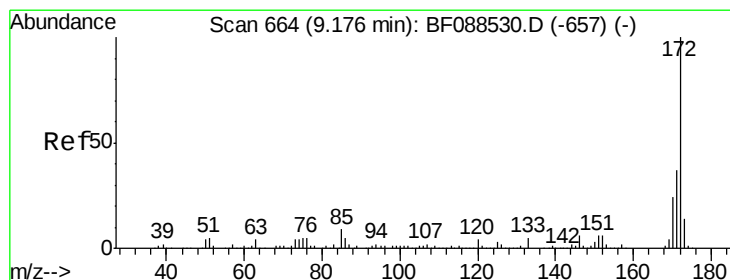
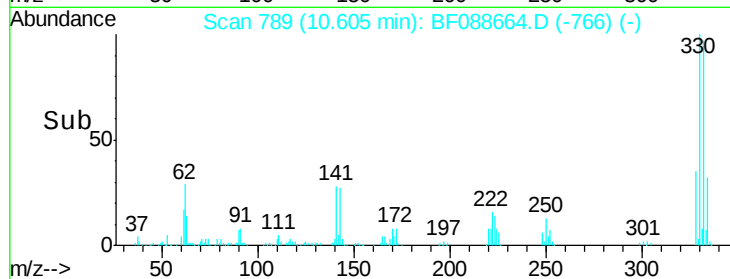
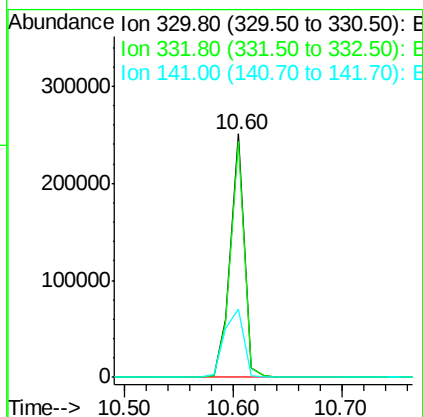
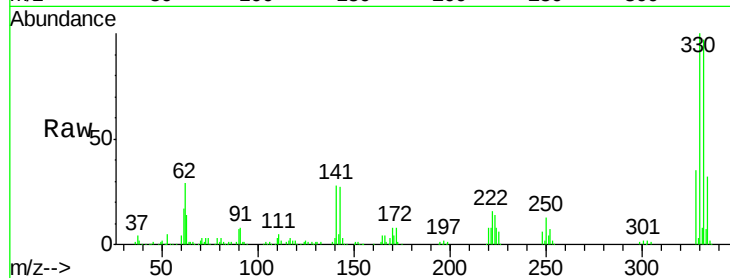




#41
 2,4,6-Tribromophenol
 Concen: 106.97 ng
 RT: 10.60 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BF088664.D
 Acq: 3 Jul 2016 23:19

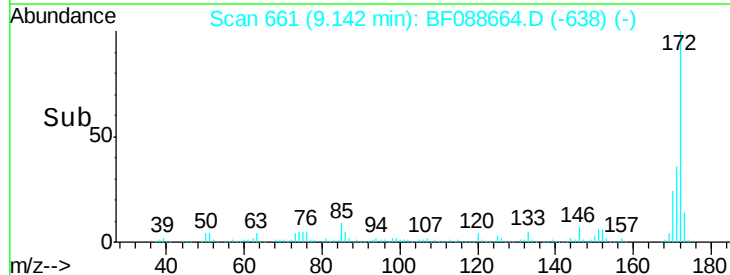
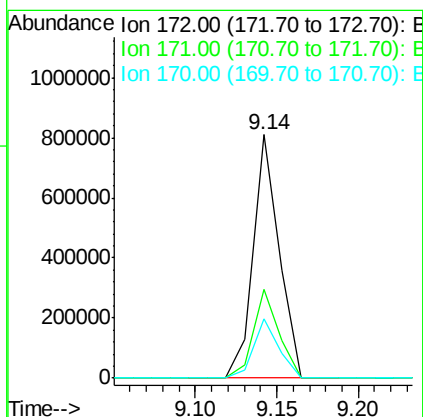
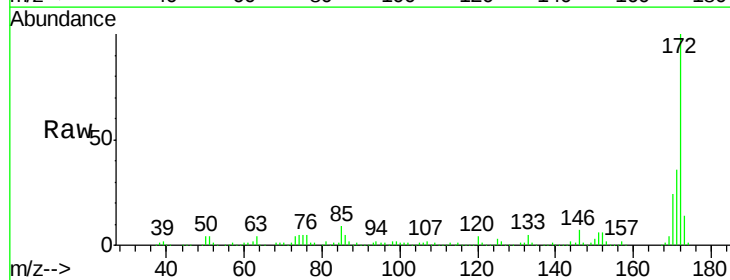
Instrument :
 BNA_F
 ClientSampleId :
 BS-2C-8.5-9FT

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	38.5	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 62.47 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.03 min
 Lab File: BF088664.D
 Acq: 3 Jul 2016 23:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	43.0
170	24.4	19.2	28.8

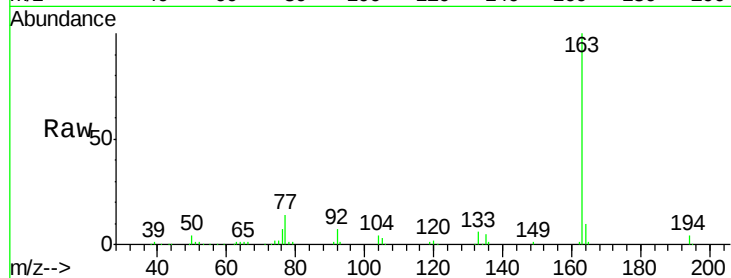




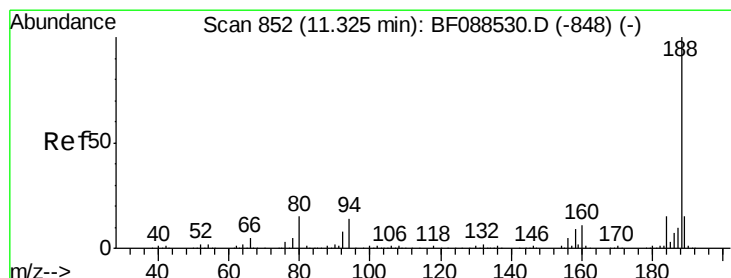
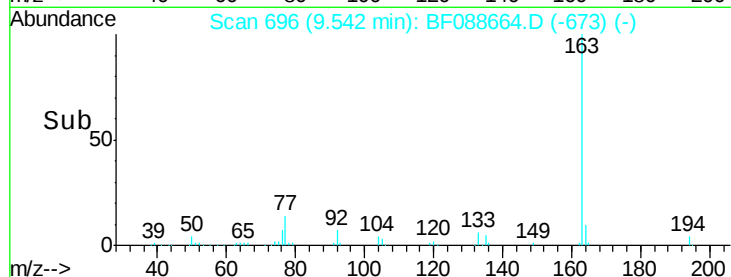
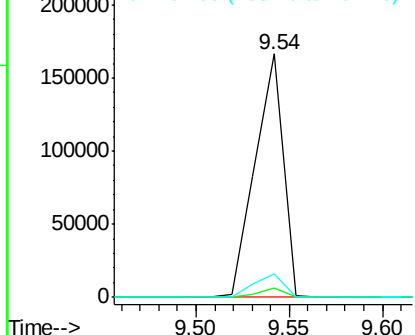
#49
Dimethylphthalate
Concen: 10.75 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.03 min
Lab File: BF088664.D
Acq: 3 Jul 2016 23:19

Instrument :
BNA_F
ClientSampleId :
BS-2C-8.5-9FT

Tot Ion:163 Resp: 172717
Ion Ratio Lower Upper
163 100
194 3.8 2.8 4.2
164 9.7 8.3 12.5

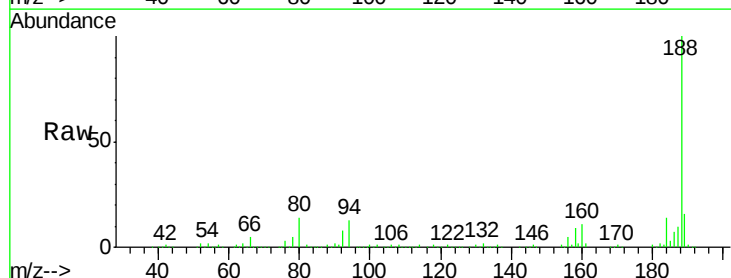


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

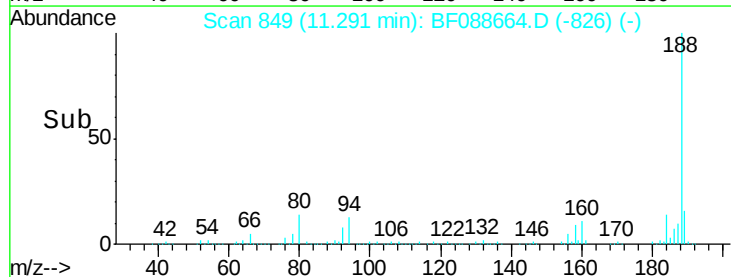
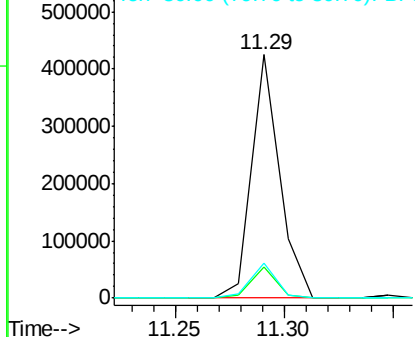


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 849
Delta R.T. -0.03 min
Lab File: BF088664.D
Acq: 3 Jul 2016 23:19

Tgt Ion:188 Resp: 380339
Ion Ratio Lower Upper
188 100
94 12.8 9.0 13.6
80 14.4 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: 13.92 min Scan# 1079

Delta R.T. -0.03 min

Lab File: BF088664.D

Acq: 3 Jul 2016 23:19

Instrument :

BNA_F

ClientSampleId :

BS-2C-8.5-9FT

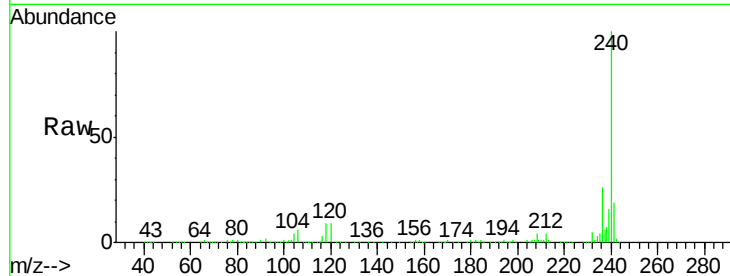
Tot Ion:240 Resp: 336927

Ion Ratio Lower Upper

240 100

120 9.4 6.8 10.2

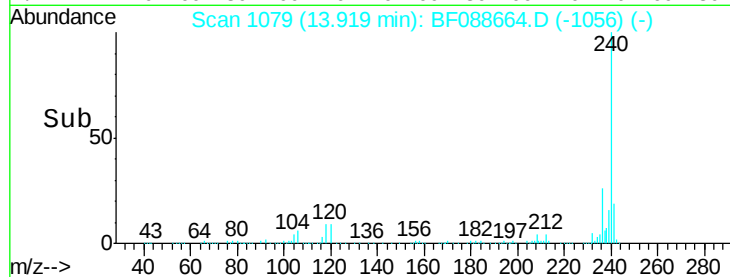
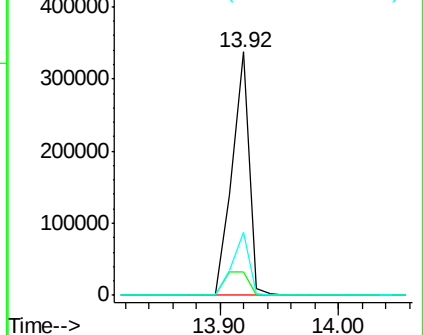
236 26.1 20.2 30.2



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: 50.17 ng

RT: 12.88 min Scan# 988

Delta R.T. -0.03 min

Lab File: BF088664.D

Acq: 3 Jul 2016 23:19

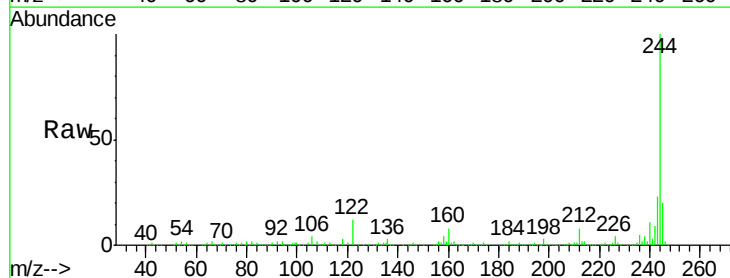
Tgt Ion:244 Resp: 758900

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

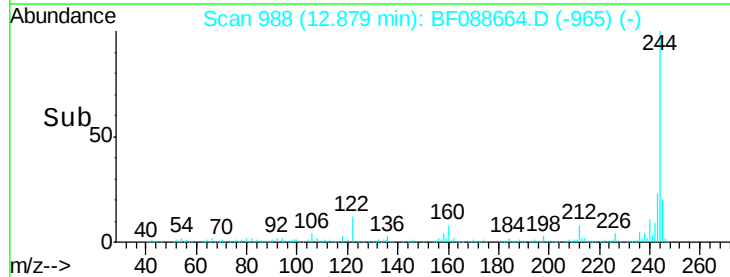
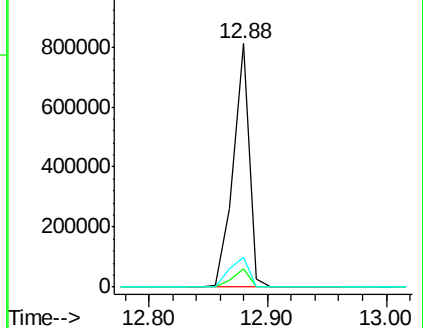
122 12.1 11.2 16.8

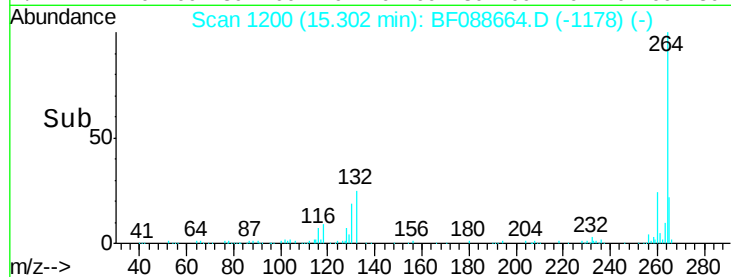
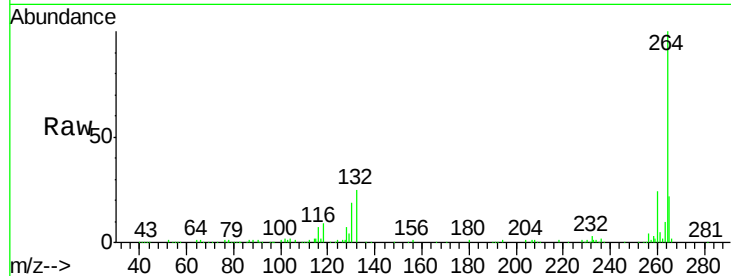
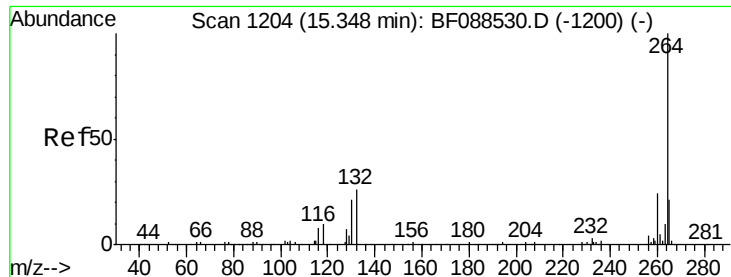


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.30 min Scan# 1200
 Delta R.T. -0.05 min
 Lab File: BF088664.D
 Acq: 3 Jul 2016 23:19

Instrument :
 BNA_F
 ClientSampleId :
 BS-2C-8.5-9FT

Tot Ion:264	Resp:	245039
Ion Ratio	Lower	Upper
264	100	
260	24.0	19.2 28.8
265	21.7	16.9 25.3

