

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070616\
 Data File : BF088747.D
 Acq On : 6 Jul 2016 21:29
 Operator : UM/SJ
 Sample : H3880-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C2.2-06

Quant Time: Jul 07 01:38:22 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 01:24:07 2016
 Response via : Initial Calibration

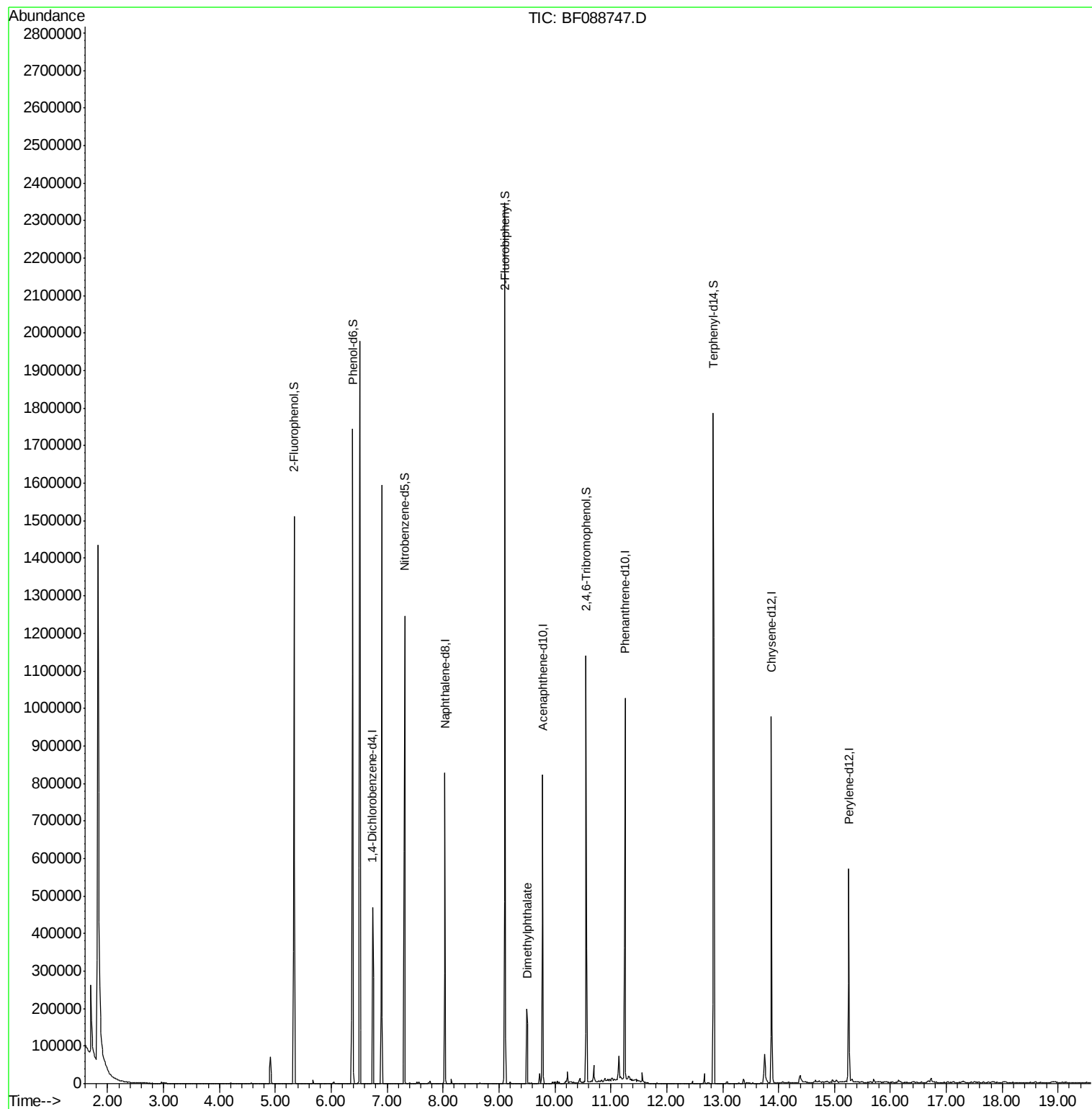
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	86078	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	390039	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	183839	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	378146	20.00	ng	0.00
75) Chrysene-d12	13.87	240	293335	20.00	ng	-0.01
86) Perylene-d12	15.26	264	236383	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	505258	87.97	ng	0.00
7) Phenol-d6	6.39	99	760955	102.54	ng	0.00
23) Nitrobenzene-d5	7.31	82	473925	63.68	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	135140	79.16	ng	-0.01
44) 2-Fluorobiphenyl	9.11	172	656991	56.45	ng	-0.01
78) Terphenyl-d14	12.83	244	728172	55.29	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.51	163	115040	8.78	ng	98

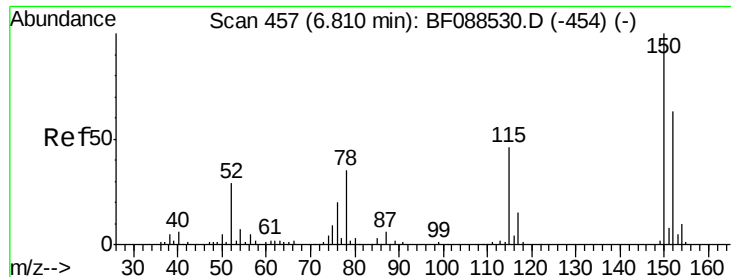
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 451

Delta R.T. -0.01 min

Lab File: BF088747.D

Acq: 6 Jul 2016 21:29

Instrument :

BNA_F

ClientSampleId :

C2.2-06

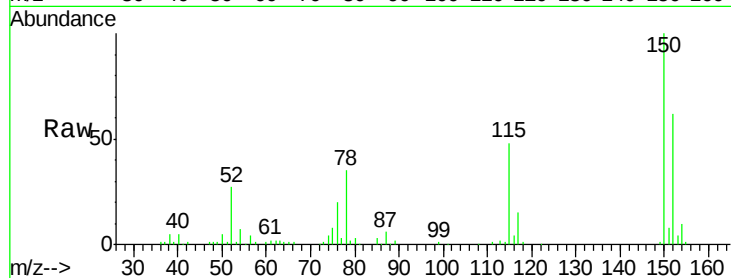
Tot Ion:152 Resp: 86078

Ion Ratio Lower Upper

152 100

150 160.5 123.8 185.6

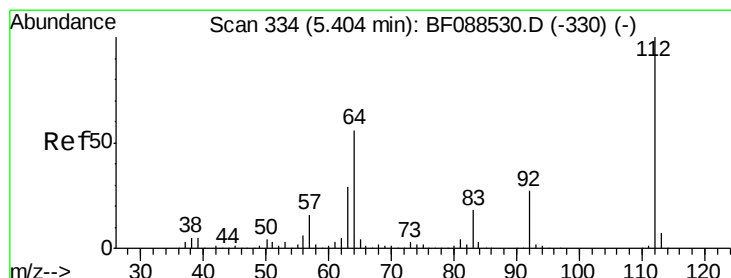
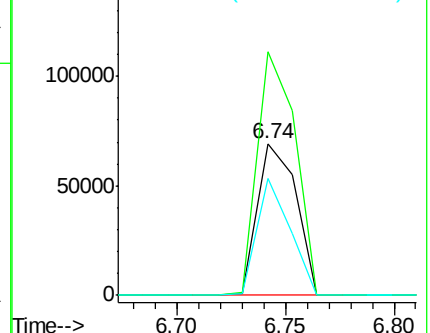
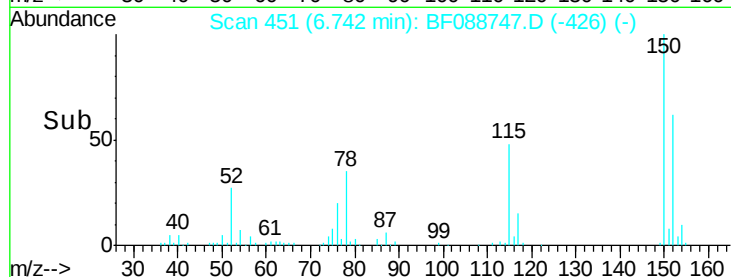
115 76.8 39.6 59.4#



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: 87.97 ng

RT: 5.34 min Scan# 328

Delta R.T. 0.00 min

Lab File: BF088747.D

Acq: 6 Jul 2016 21:29

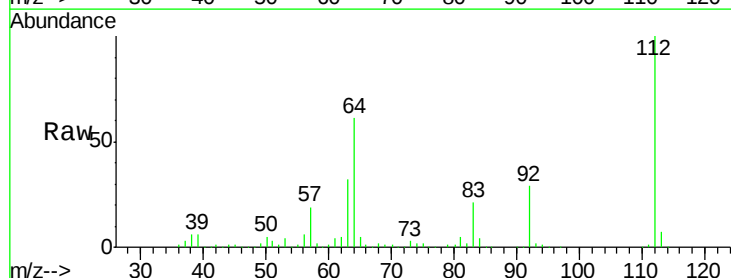
Tgt Ion:112 Resp: 505258

Ion Ratio Lower Upper

112 100

64 61.4 42.2 63.2

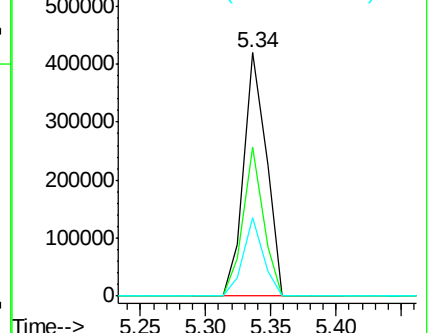
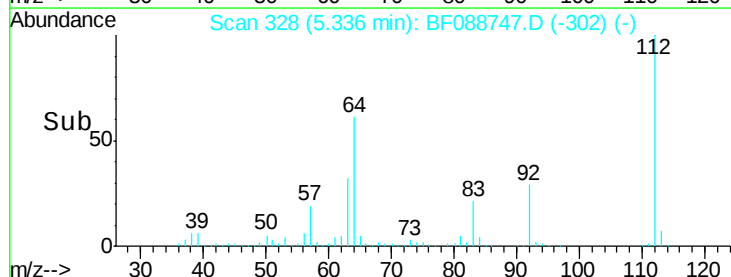
63 32.2 21.8 32.8



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: 102.54 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF088747.D

Acq: 6 Jul 2016 21:29

Instrument :

BNA_F

ClientSampleId :

C2.2-06

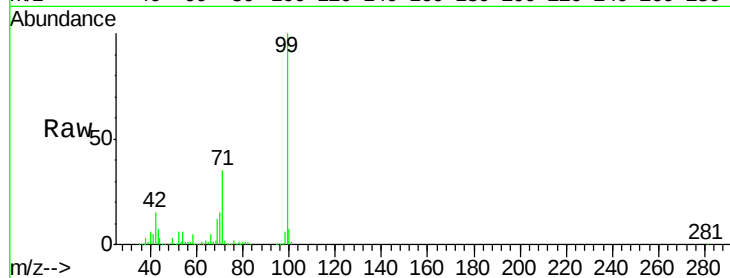
Tot Ion: 99 Resp: 760955

Ion Ratio Lower Upper

99 100

42 15.2 12.2 18.2

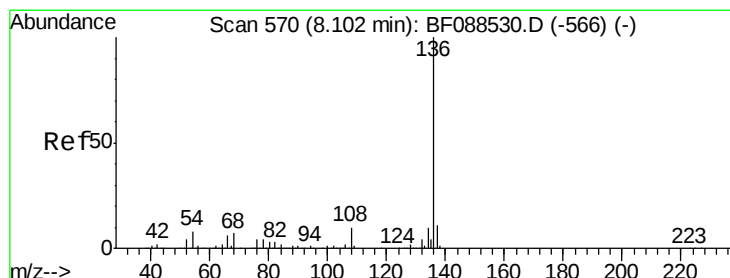
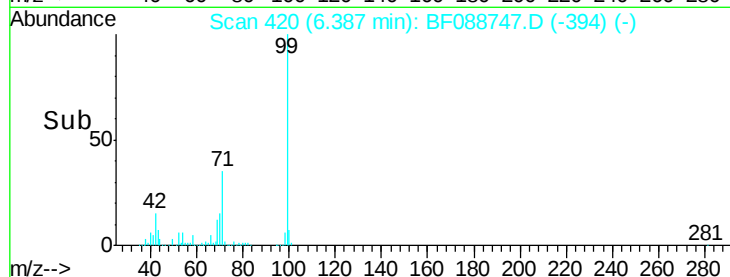
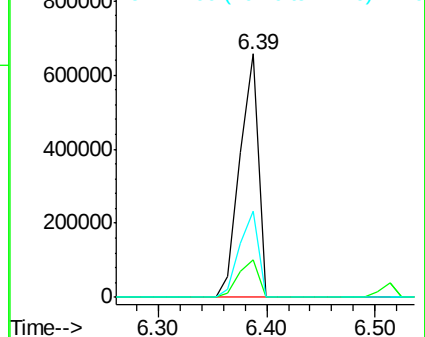
71 35.5 23.4 35.0#



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: 8.03 min Scan# 564

Delta R.T. 0.00 min

Lab File: BF088747.D

Acq: 6 Jul 2016 21:29

Tgt Ion: 136 Resp: 390039

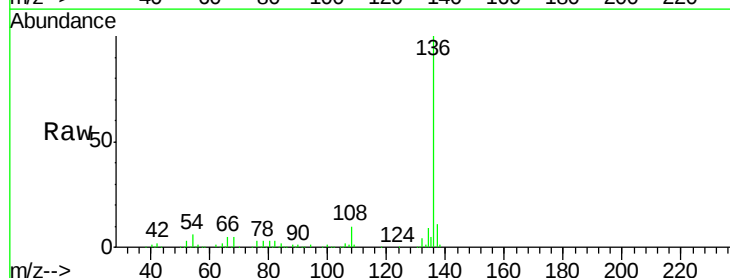
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 6.1 6.6 10.0#

68 5.2 5.1 7.7

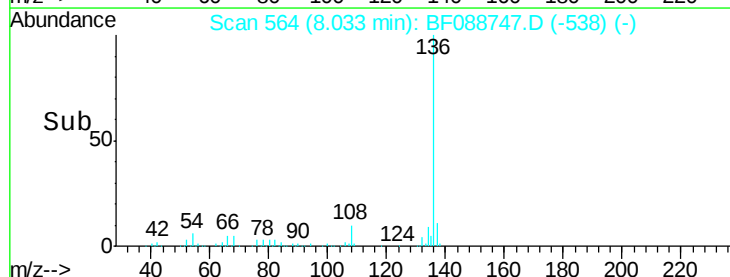
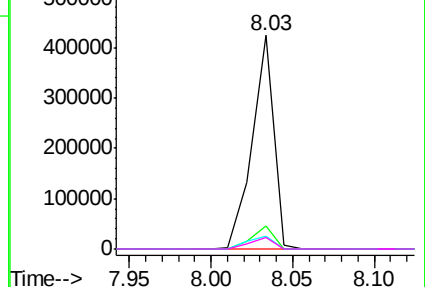


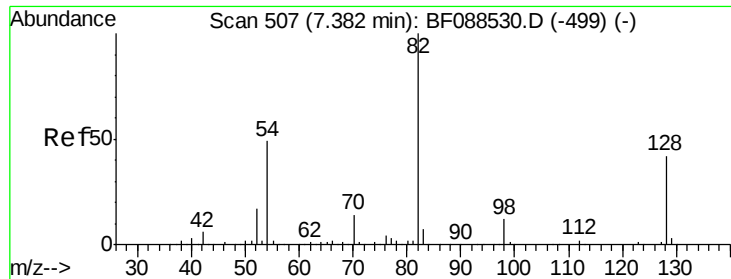
Abundance Ion 136.00 (135.70 to 136.70): E

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: 63.68 ng

RT: 7.31 min Scan# 501

Delta R.T. -0.01 min

Lab File: BF088747.D

Acq: 6 Jul 2016 21:29

Instrument :

BNA_F

ClientSampleId :

C2.2-06

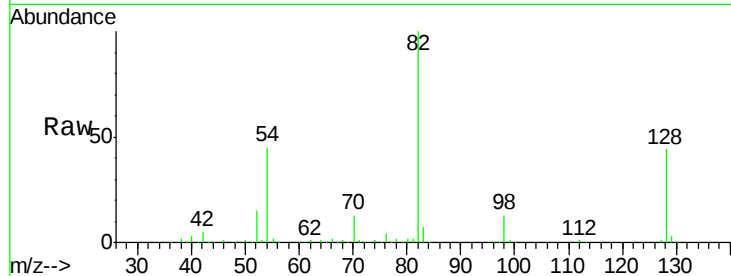
Tot Ion: 82 Resp: 473925

Ion Ratio Lower Upper

82 100

128 44.5 35.9 53.9

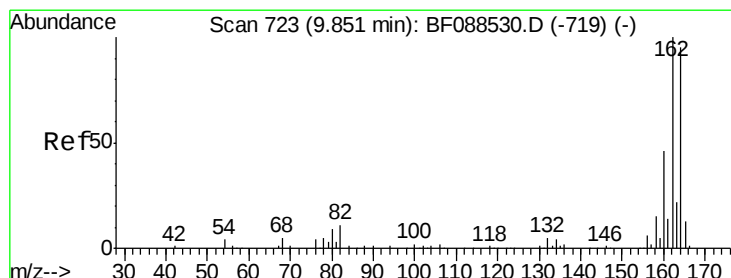
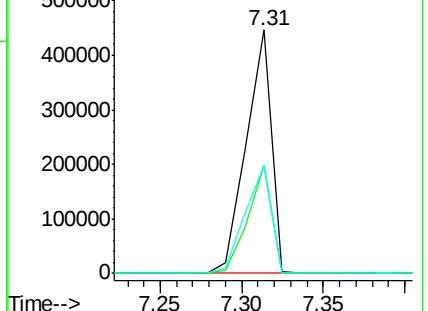
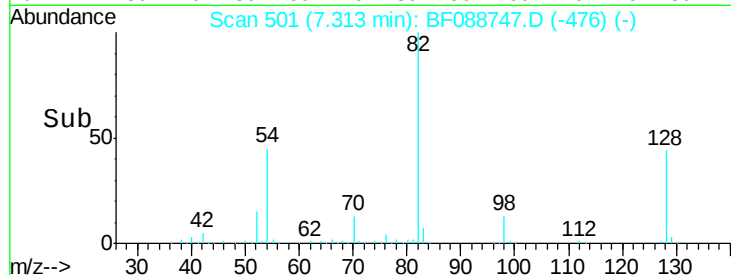
54 44.6 40.9 61.3



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. -0.00 min

Lab File: BF088747.D

Acq: 6 Jul 2016 21:29

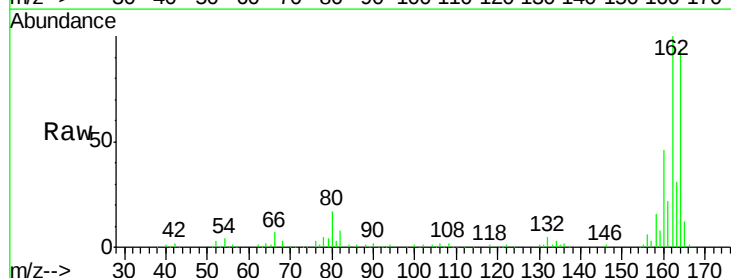
Tgt Ion: 164 Resp: 183839

Ion Ratio Lower Upper

164 100

162 106.9 85.4 128.2

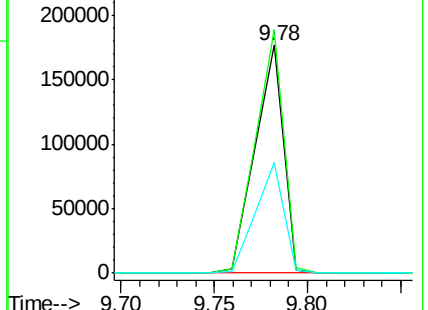
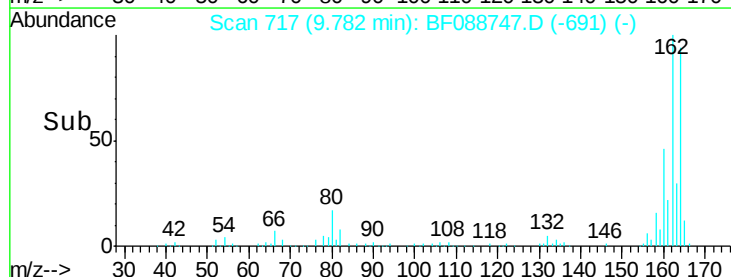
160 48.7 39.5 59.3

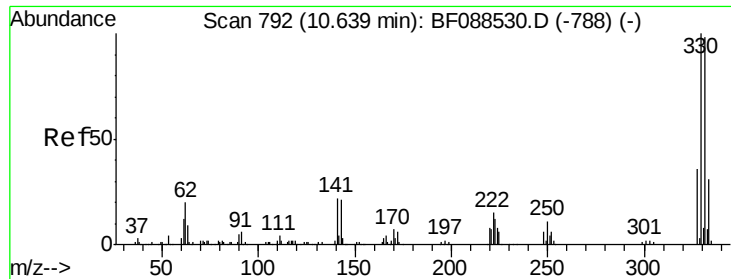


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

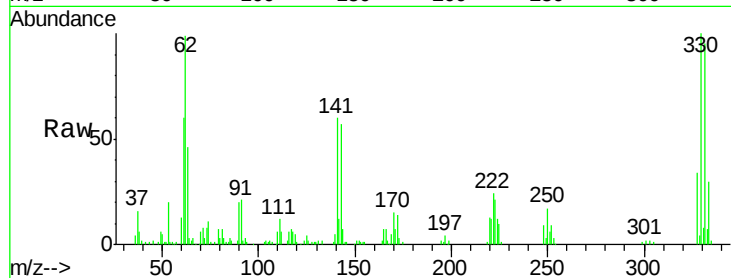




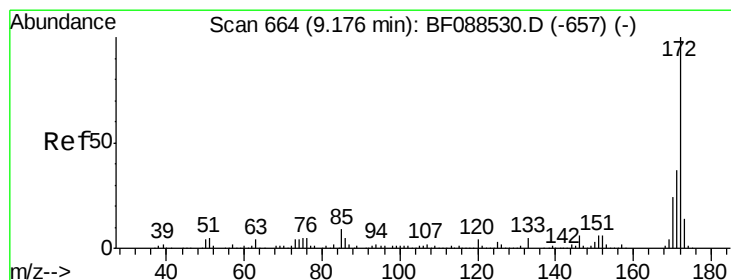
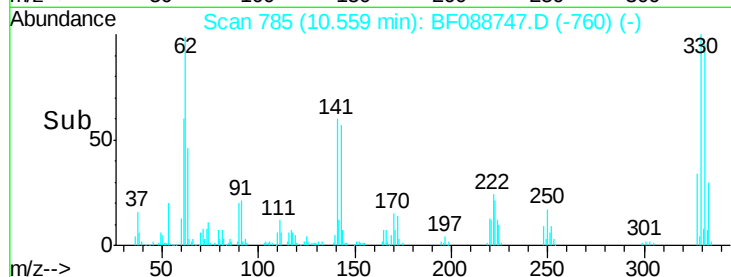
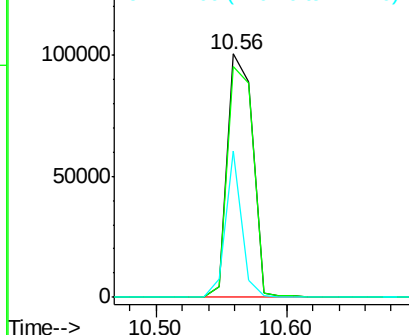
#41
 2,4,6-Tribromophenol
 Concen: 79.16 ng
 RT: 10.56 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF088747.D
 Acq: 6 Jul 2016 21:29

Instrument :
 BNA_F
 ClientSampleId :
 C2.2-06

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	0.0	0.0#
141	38.4	0.0	0.0#

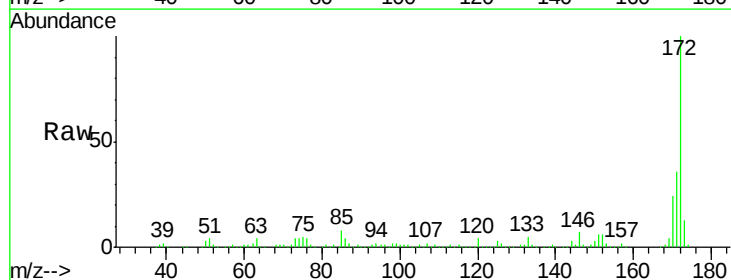


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

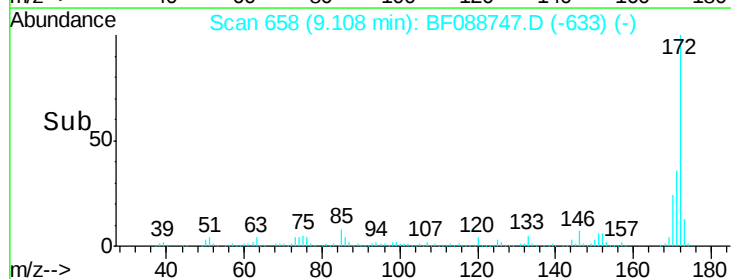
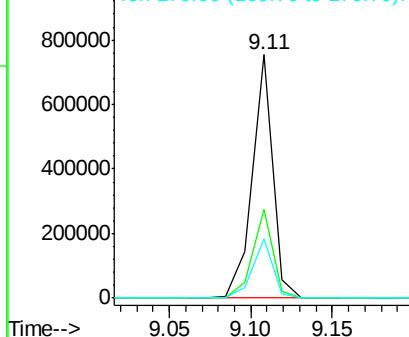


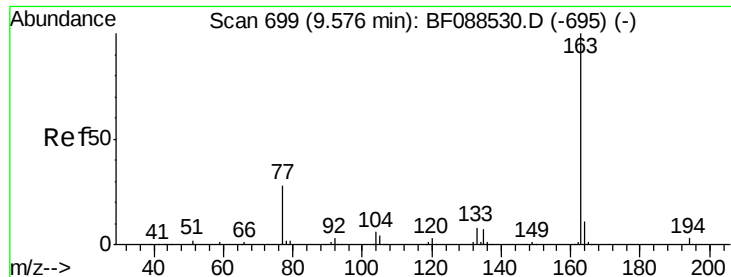
#44
 2-Fluorobiphenyl
 Concen: 56.45 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF088747.D
 Acq: 6 Jul 2016 21:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	24.4	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

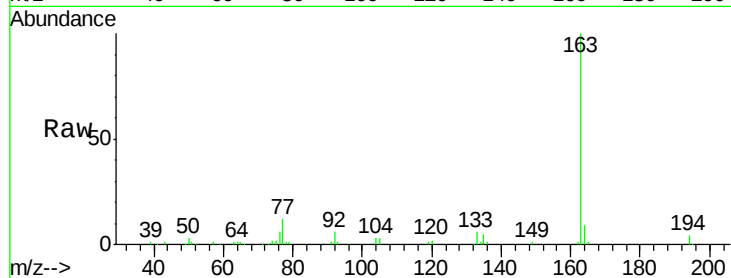




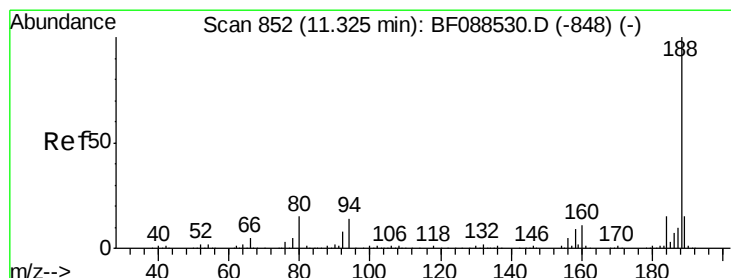
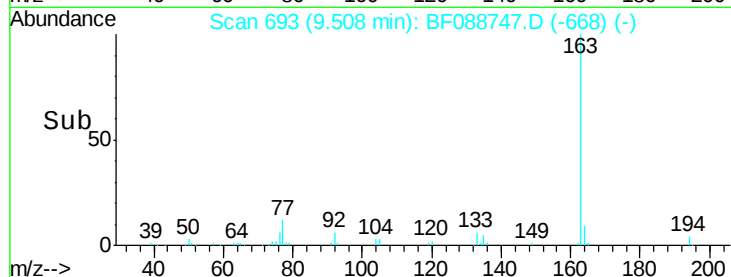
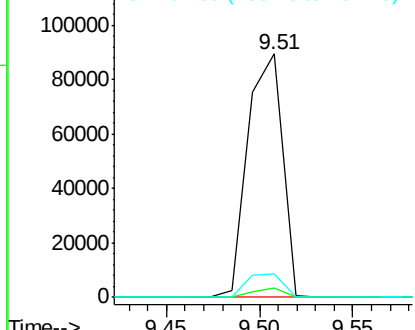
#49
Dimethylphthalate
Concen: 8.78 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF088747.D
Acq: 6 Jul 2016 21:29

Instrument :
BNA_F
ClientSampleId :
C2.2-06

Tot Ion:163 Resp: 115040
Ion Ratio Lower Upper
163 100
194 3.9 2.8 4.2
164 9.4 8.3 12.5

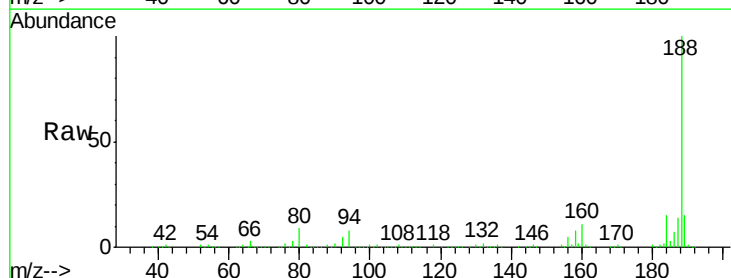


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

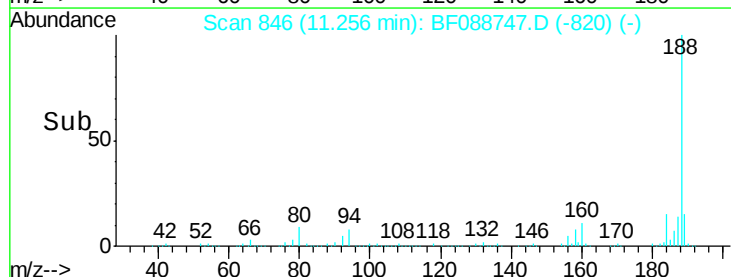
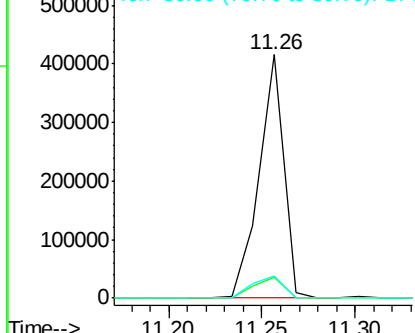


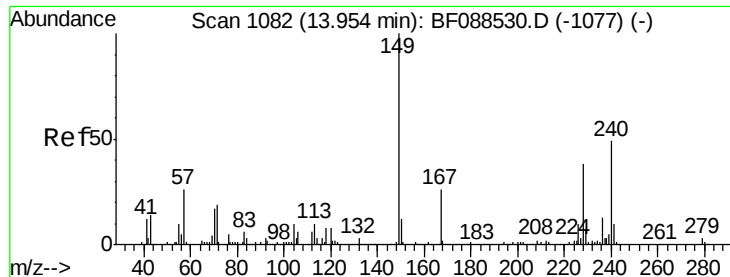
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF088747.D
Acq: 6 Jul 2016 21:29

Tgt Ion:188 Resp: 378146
Ion Ratio Lower Upper
188 100
94 8.4 9.0 13.6#
80 9.3 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: 13.87 min Scan# 1075

Delta R.T. -0.01 min

Lab File: BF088747.D

Acq: 6 Jul 2016 21:29

Instrument :

BNA_F

ClientSampleId :

C2.2-06

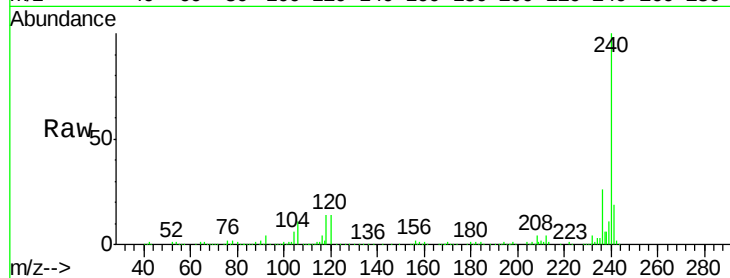
Tot Ion:240 Resp: 293335

Ion Ratio Lower Upper

240 100

120 14.4 6.8 10.2#

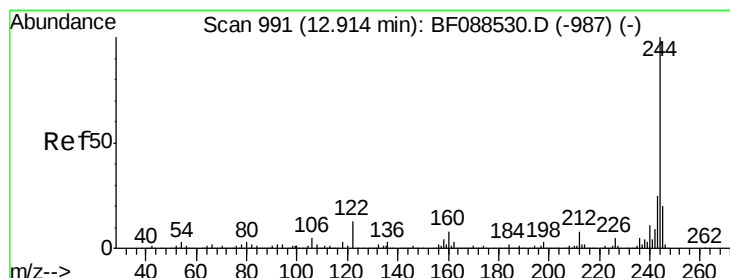
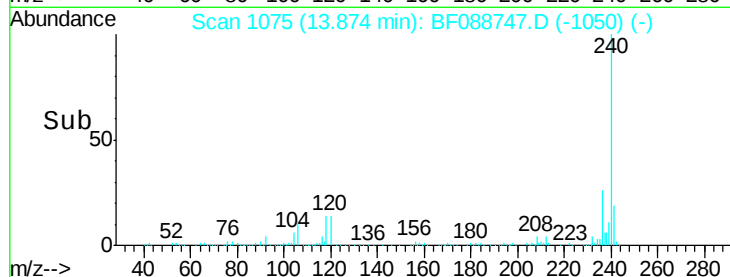
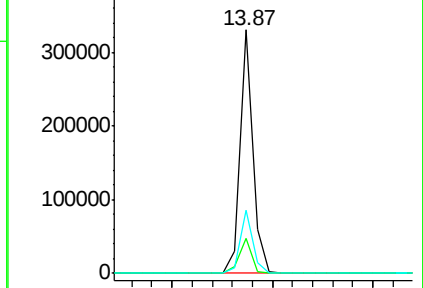
236 26.1 20.2 30.2



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: 55.29 ng

RT: 12.83 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF088747.D

Acq: 6 Jul 2016 21:29

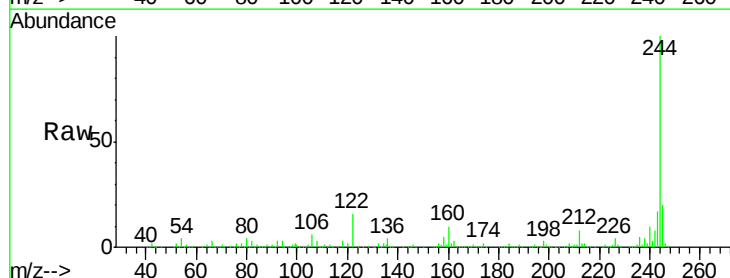
Tgt Ion:244 Resp: 728172

Ion Ratio Lower Upper

244 100

212 8.1 6.0 9.0

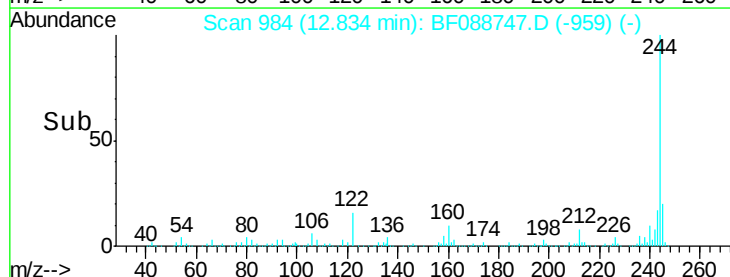
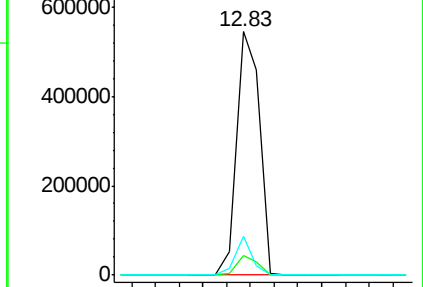
122 16.0 11.2 16.8

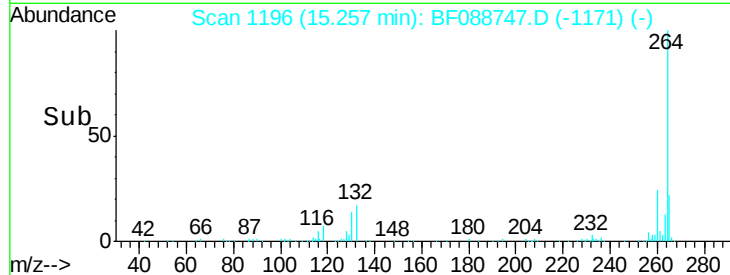
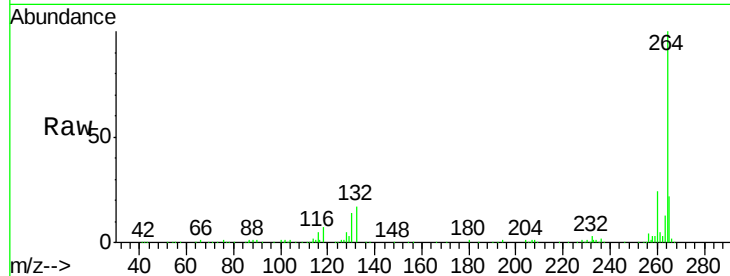
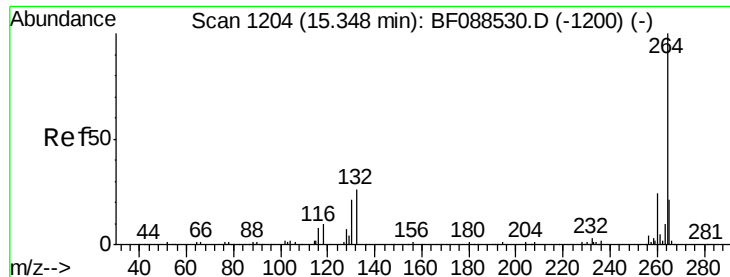


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.26 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF088747.D
 Acq: 6 Jul 2016 21:29

Instrument :
 BNA_F
 ClientSampleId :
 C2.2-06

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.1	16.9	25.3

