

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070616\
 Data File : BF088746.D
 Acq On : 6 Jul 2016 21:00
 Operator : UM/SJ
 Sample : H3880-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C2.2-07

Quant Time: Jul 07 01:06:28 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

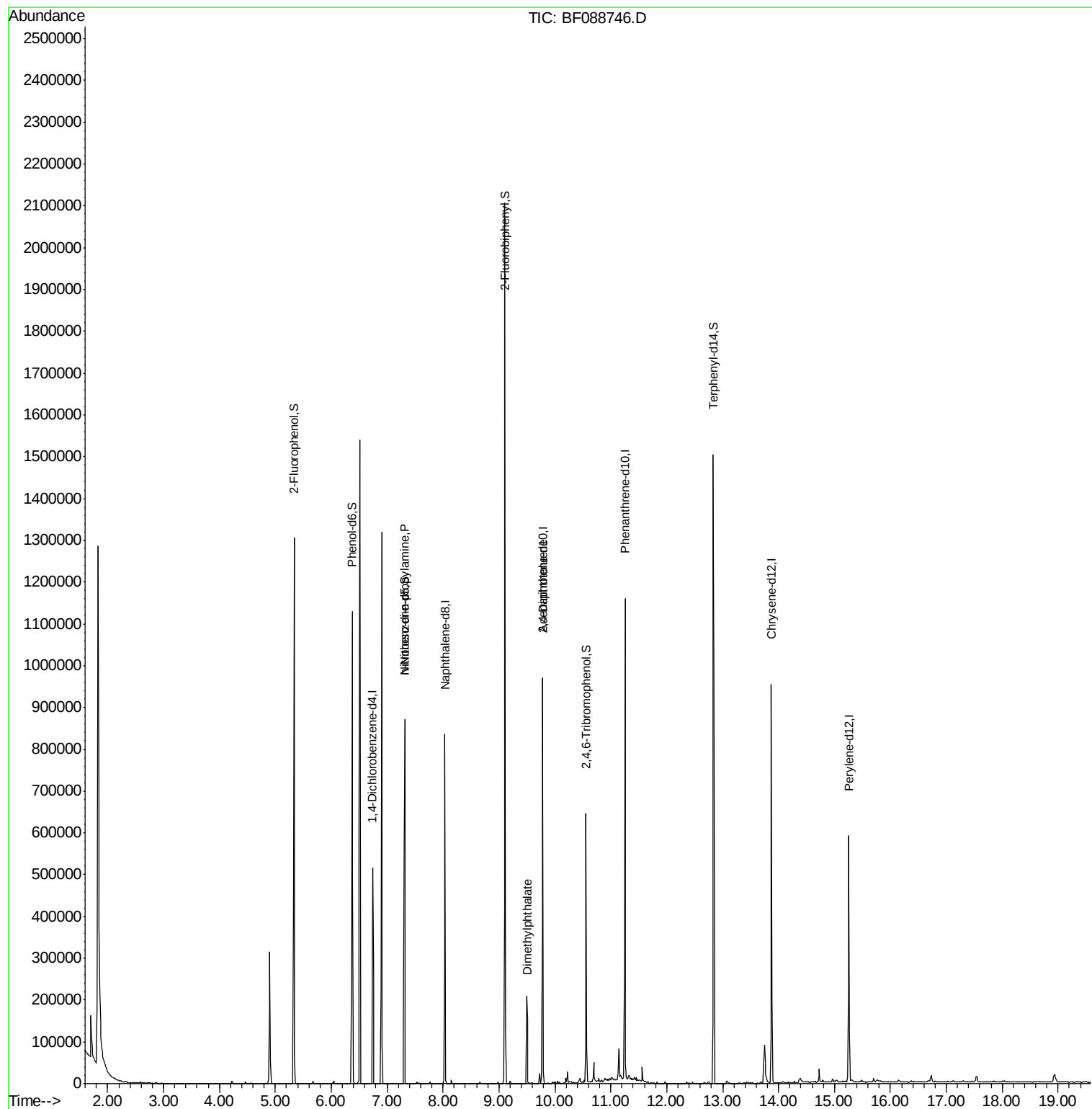
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	88664	20.00	ng	-0.03
21) Naphthalene-d8	8.03	136	401175	20.00	ng	-0.03
38) Acenaphthene-d10	9.78	164	200925	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	388134	20.00	ng	-0.03
75) Chrysene-d12	13.87	240	293236	20.00	ng	-0.05
86) Perylene-d12	15.26	264	237948	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	351798	59.47	ng	-0.03
7) Phenol-d6	6.38	99	485430	63.50	ng	-0.03
23) Nitrobenzene-d5	7.31	82	365334	47.72	ng	-0.03
41) 2,4,6-Tribromophenol	10.56	330	61731	33.09	ng	-0.05
44) 2-Fluorobiphenyl	9.11	172	595193	46.79	ng	-0.03
78) Terphenyl-d14	12.83	244	598656	45.47	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.31	70	47794	9.31	ng	# 68
49) Dimethylphthalate	9.51	163	114935	8.03	ng	98
56) 2,4-Dinitrotoluene	9.78	165	25303	6.10	ng	# 38

(#) = 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: BF088746.D

Acq: 6 Jul 2016 21:00

Instrument :

BNA_F

ClientSampleId :

C2.2-07

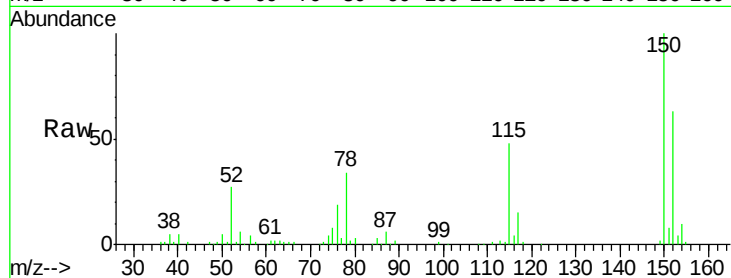
Tgt Ion:152 Resp: 88664

Ion Ratio Lower Upper

152 100

150 158.9 123.8 185.6

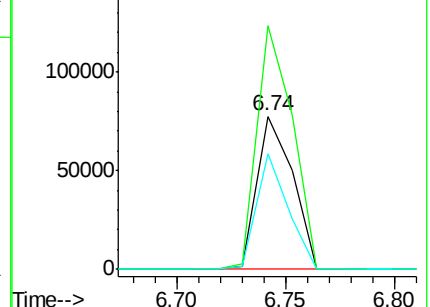
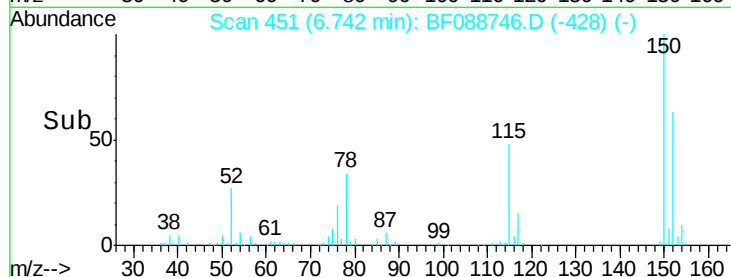
115 75.6 39.6 59.4#



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: 59.47 ng

RT: 5.34 min Scan# 328

Delta R.T. -0.03 min

Lab File: BF088746.D

Acq: 6 Jul 2016 21:00

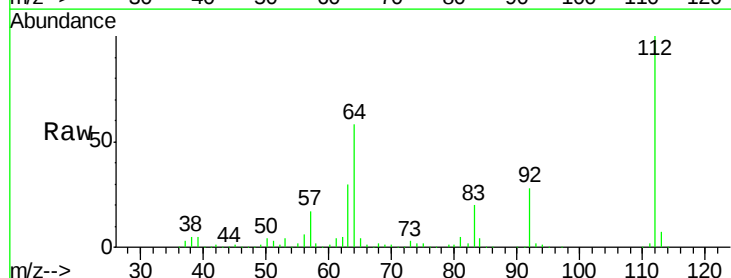
Tgt Ion:112 Resp: 351798

Ion Ratio Lower Upper

112 100

64 58.3 42.2 63.2

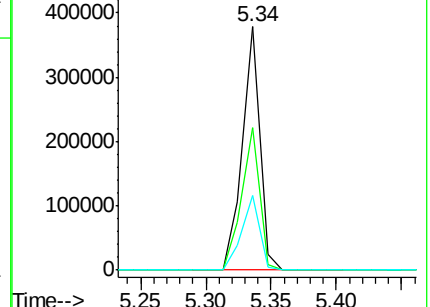
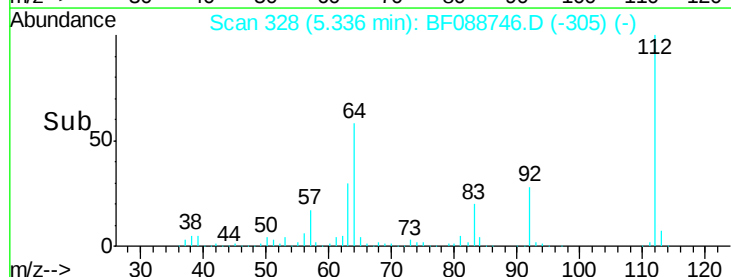
63 30.5 21.8 32.8



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: 63.50 ng

RT: 6.38 min Scan# 419

Delta R.T. -0.03 min

Lab File: BF088746.D

Acq: 6 Jul 2016 21:00

Instrument :

BNA_F

ClientSampled :

C2.2-07

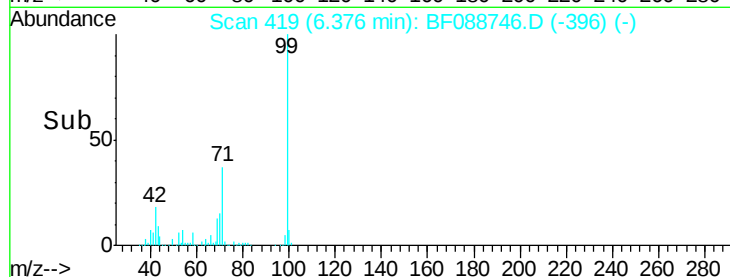
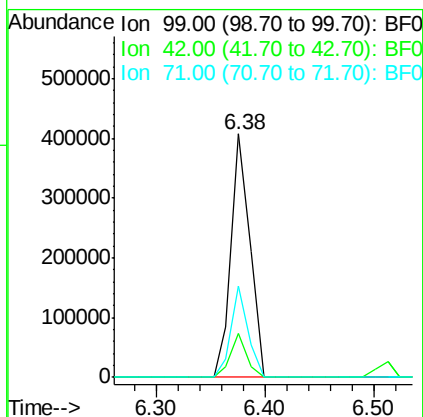
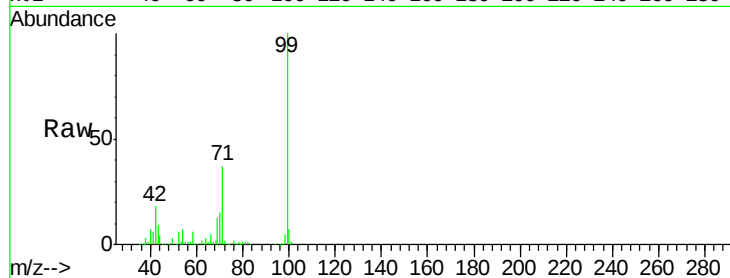
Tgt Ion: 99 Resp: 485430

Ion Ratio Lower Upper

99 100

42 18.0 12.2 18.2

71 37.5 23.4 35.0#



#19

n-Nitroso-di-n-propylamine

Concen: 9.31 ng

RT: 7.31 min Scan# 501

Delta R.T. 0.11 min

Lab File: BF088746.D

Acq: 6 Jul 2016 21:00

Tgt Ion: 70 Resp: 47794

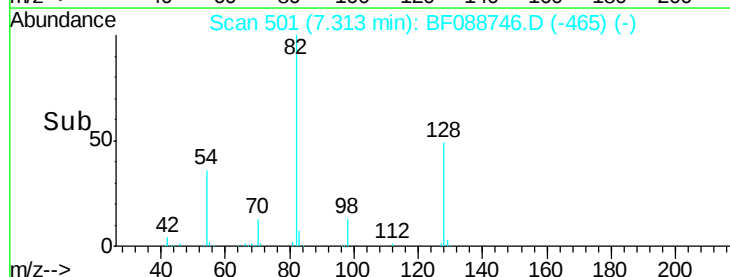
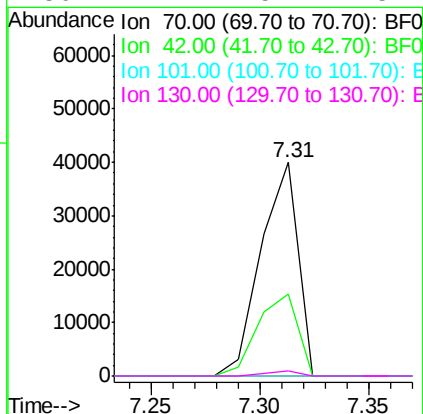
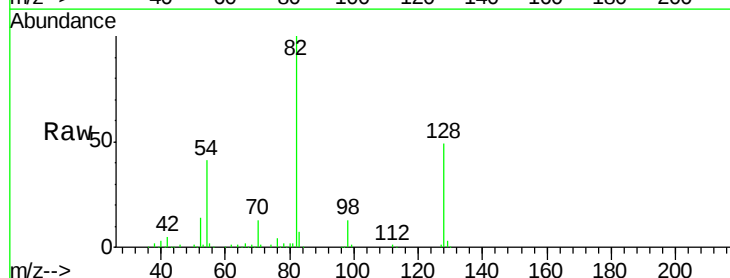
Ion Ratio Lower Upper

70 100

42 38.3 49.6 74.4#

101 0.0 7.1 10.7#

130 2.4 15.4 23.2#

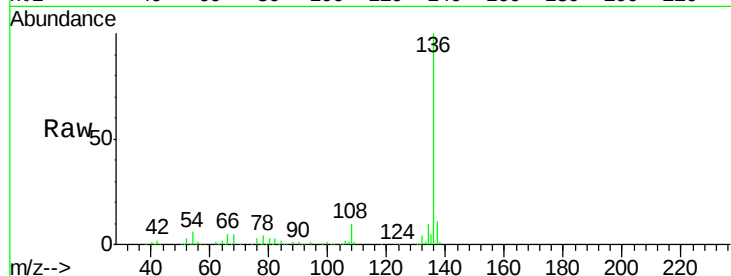




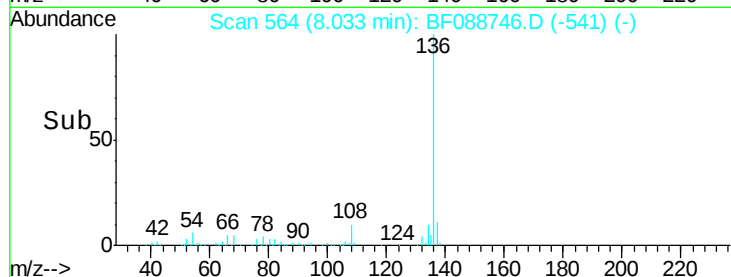
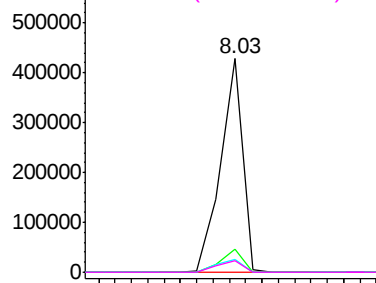
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 564
Delta R.T. -0.03 min
Lab File: BF088746.D
Acq: 6 Jul 2016 21:00

Instrument :
BNA_F
ClientSampleId :
C2.2-07

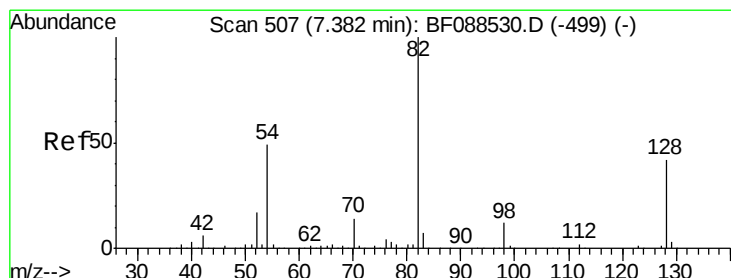
Tgt Ion:	136	Resp:	401175
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	6.2	6.6	10.0#
68	5.1	5.1	7.7



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

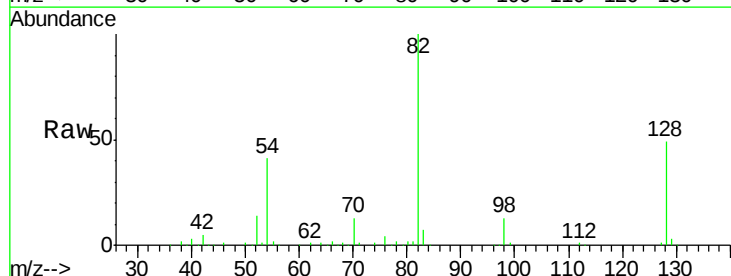


Time-->

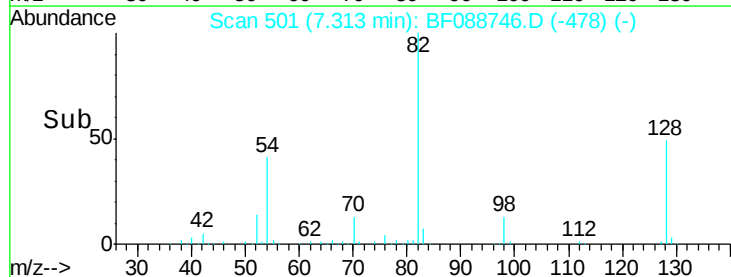
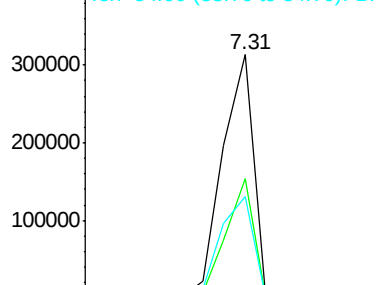


#23
Nitrobenzene-d5
Concen: 47.72 ng
RT: 7.31 min Scan# 501
Delta R.T. -0.03 min
Lab File: BF088746.D
Acq: 6 Jul 2016 21:00

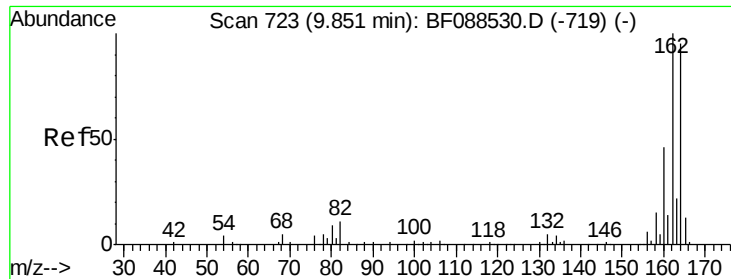
Tgt Ion:	82	Resp:	365334
Ion	Ratio	Lower	Upper
82	100		
128	49.0	35.9	53.9
54	41.5	40.9	61.3



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



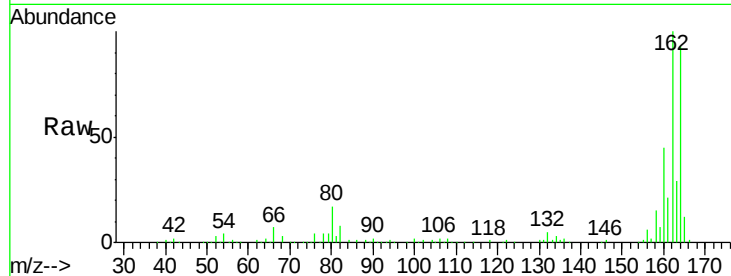
Time-->



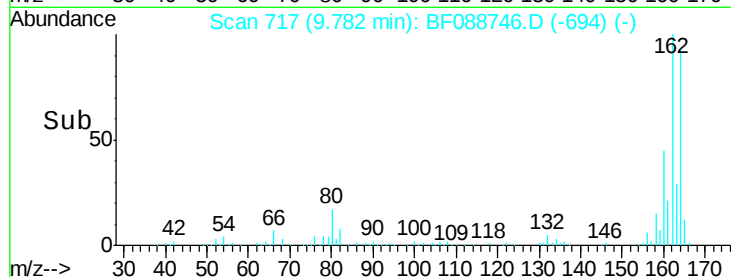
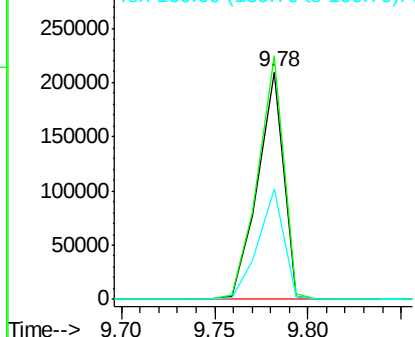
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.03 min
Lab File: BF088746.D
Acq: 6 Jul 2016 21:00

Instrument :
BNA_F
ClientSampleId :
C2.2-07

Tgt Ion:164 Resp: 200925
Ion Ratio Lower Upper
164 100
162 107.0 85.4 128.2
160 48.6 39.5 59.3

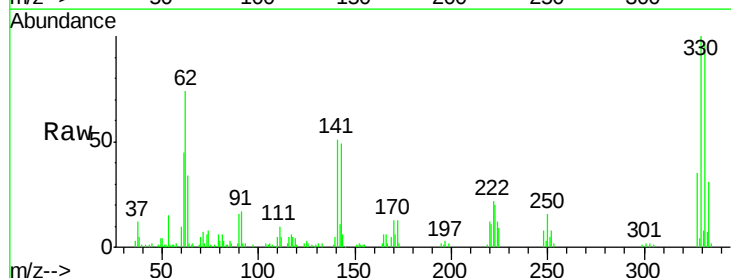


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

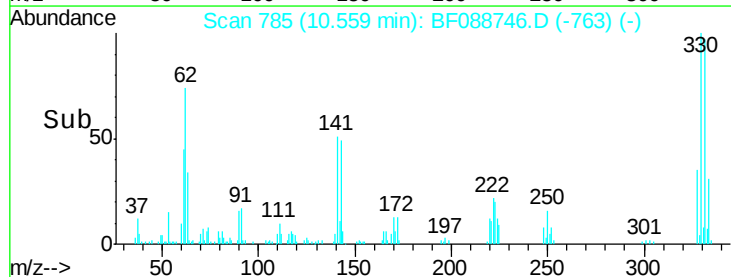
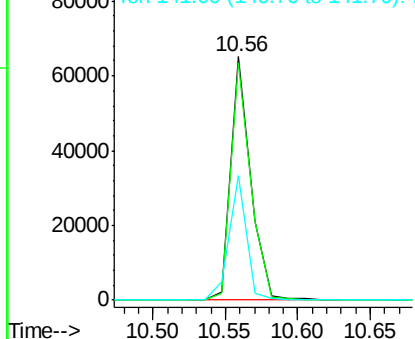


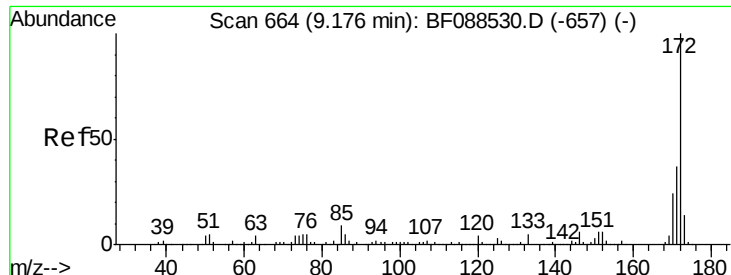
#41
2,4,6-Tribromophenol
Concen: 33.09 ng
RT: 10.56 min Scan# 785
Delta R.T. -0.05 min
Lab File: BF088746.D
Acq: 6 Jul 2016 21:00

Tgt Ion:330 Resp: 61731
Ion Ratio Lower Upper
330 100
332 97.4 0.0 0.0#
141 44.7 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

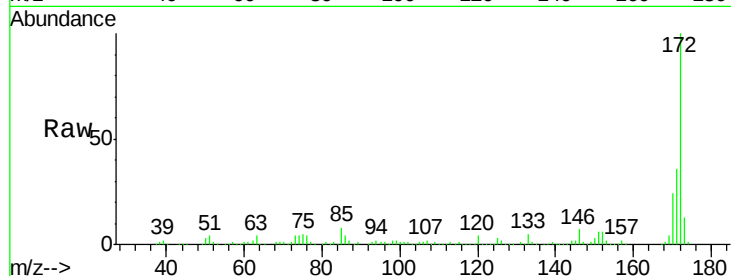




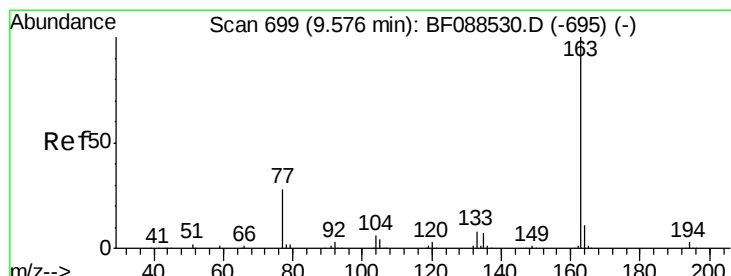
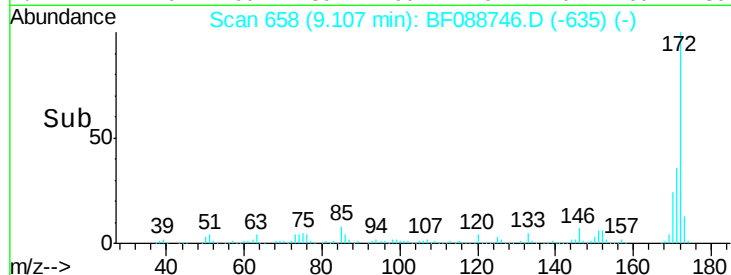
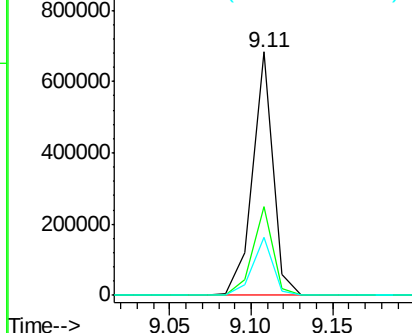
#44
2-Fluorobiphenyl
Concen: 46.79 ng
RT: 9.11 min Scan# 658
Delta R.T. -0.03 min
Lab File: BF088746.D
Acq: 6 Jul 2016 21:00

Instrument :
BNA_F
ClientSampleId :
C2.2-07

Tgt Ion:172 Resp: 595193
Ion Ratio Lower Upper
172 100
171 36.5 28.6 43.0
170 24.0 19.2 28.8

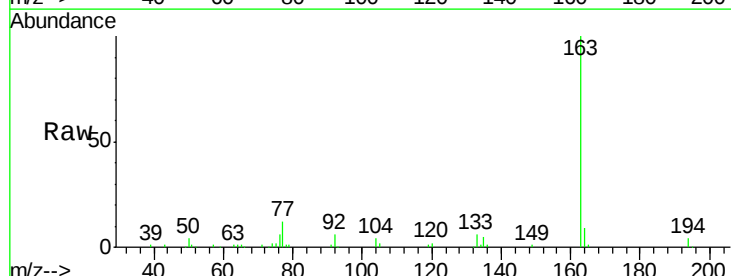


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

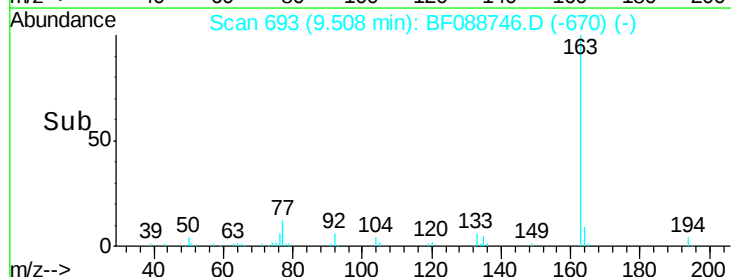
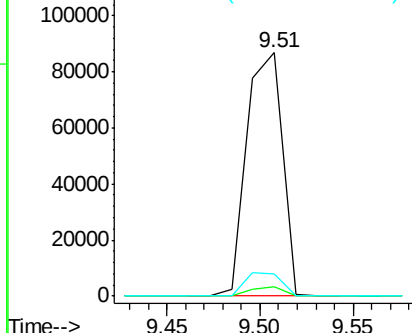


#49
Dimethylphthalate
Concen: 8.03 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.03 min
Lab File: BF088746.D
Acq: 6 Jul 2016 21:00

Tgt Ion:163 Resp: 114935
Ion Ratio Lower Upper
163 100
194 3.9 2.8 4.2
164 9.3 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

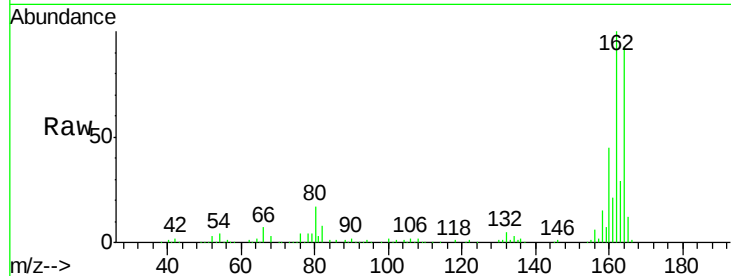




#56
 2,4-Dinitrotoluene
 Concen: 6.10 ng
 RT: 9.78 min Scan# 717
 Delta R.T. -0.22 min
 Lab File: BF088746.D
 Acq: 6 Jul 2016 21:00

Instrument :
 BNA_F
 ClientSampleId :
 C2.2-07

Tgt Ion:	165	Resp:	25303
Ion	Ratio	Lower	Upper
165	100		
63	1.8	22.0	33.0#
89	1.6	41.1	61.7#
182	0.0	2.0	3.0#

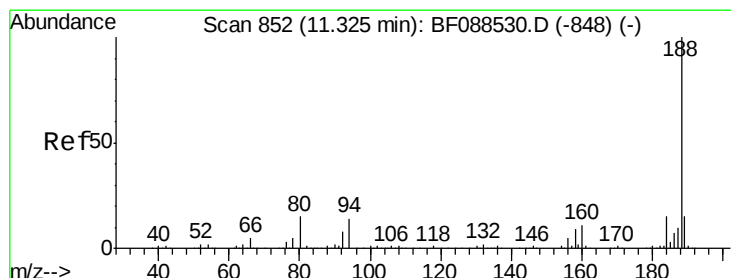
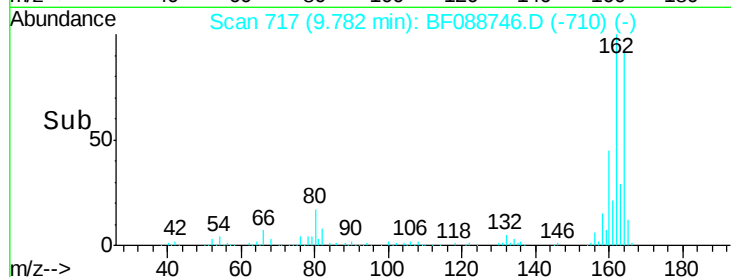
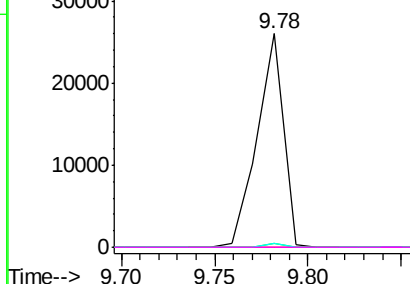


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

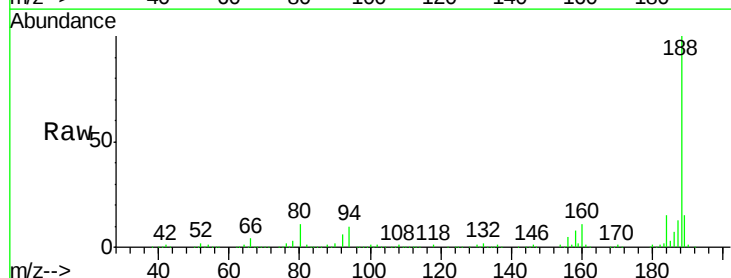
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 846
 Delta R.T. -0.03 min
 Lab File: BF088746.D
 Acq: 6 Jul 2016 21:00

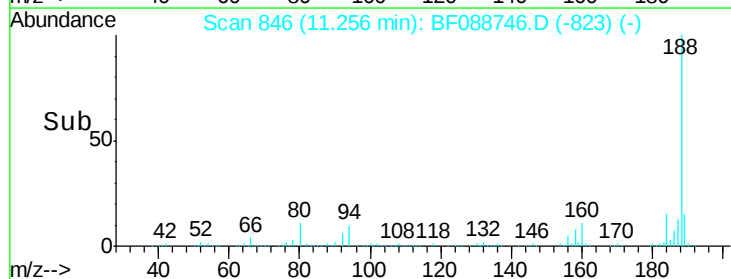
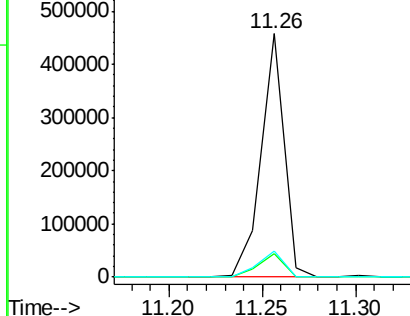
Tgt Ion:	188	Resp:	388134
Ion	Ratio	Lower	Upper
188	100		
94	9.6	9.0	13.6
80	10.9	10.0	15.0



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: 13.87 min Scan# 1075

Delta R.T. -0.05 min

Lab File: BF088746.D

Acq: 6 Jul 2016 21:00

Instrument :

BNA_F

ClientSampleId :

C2.2-07

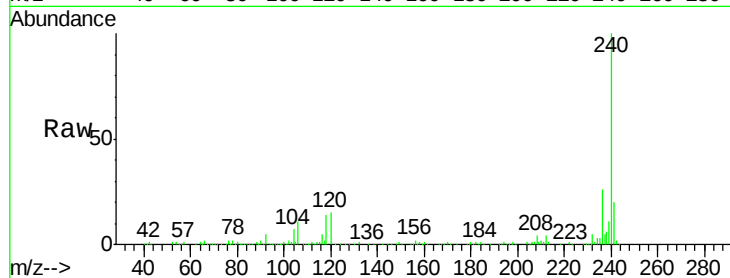
Tgt Ion:240 Resp: 293236

Ion Ratio Lower Upper

240 100

120 15.3 6.8 10.2#

236 26.0 20.2 30.2

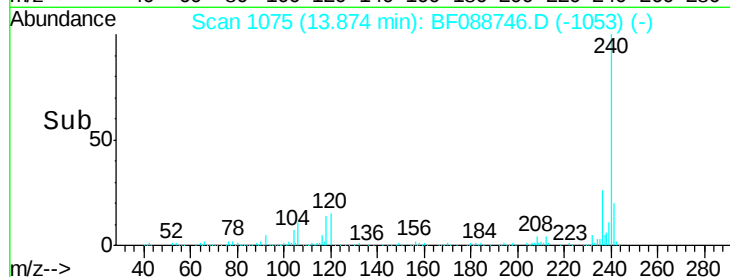


Abundance Ion 240.00 (239.70 to 240.70): E

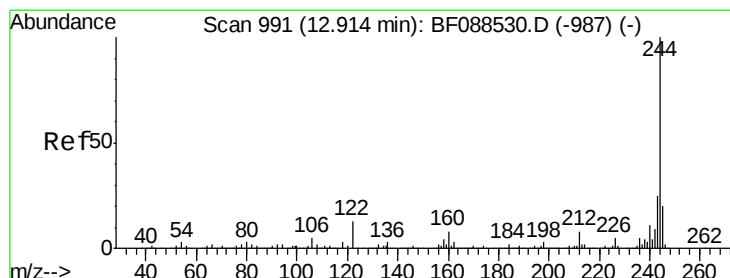
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->



Time-->



#78

Terphenyl-d14

Concen: 45.47 ng

RT: 12.83 min Scan# 984

Delta R.T. -0.03 min

Lab File: BF088746.D

Acq: 6 Jul 2016 21:00

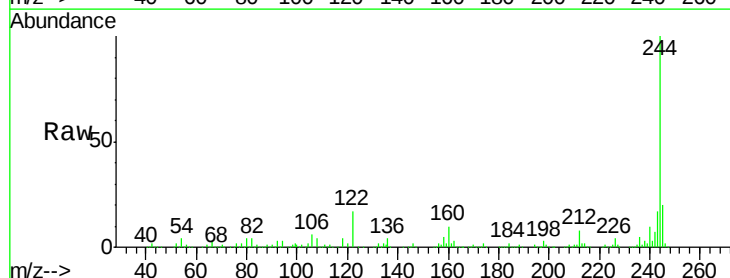
Tgt Ion:244 Resp: 598656

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

122 16.8 11.2 16.8

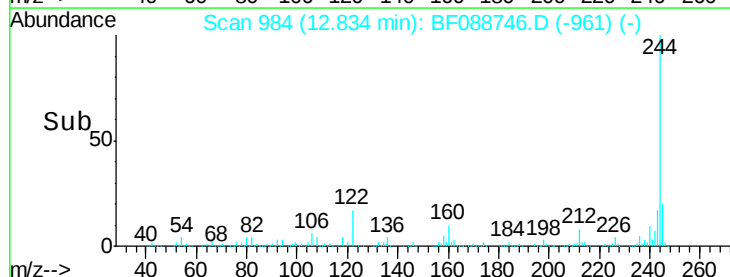


Abundance Ion 244.00 (243.70 to 244.70): E

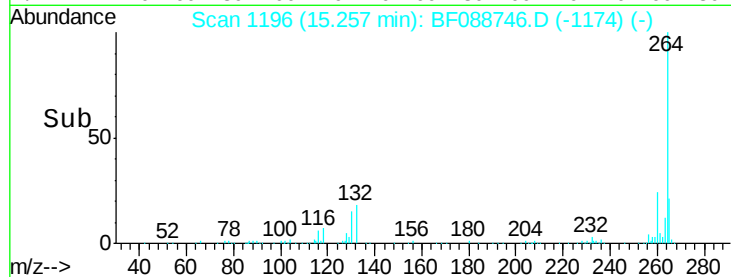
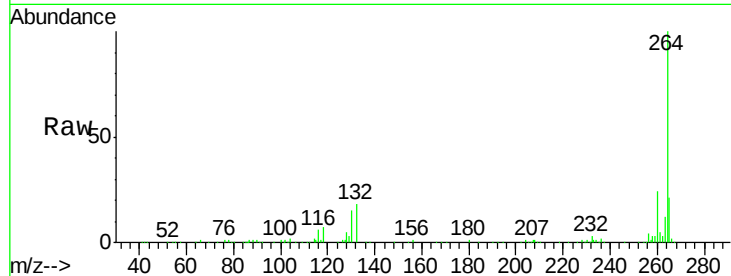
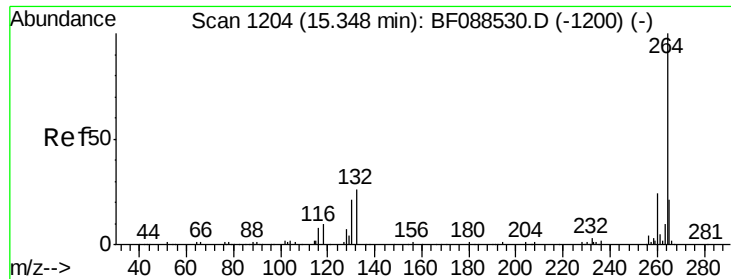
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.26 min Scan# 1196

Delta R.T. -0.05 min

Lab File: BF088746.D

Acq: 6 Jul 2016 21:00

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 264 Resp: 237948

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.5 16.9 25.3

