

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070616\
 Data File : BF088754.D
 Acq On : 7 Jul 2016 00:54
 Operator : UM/SJ
 Sample : H3879-18
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C2.1-02

Quant Time: Jul 07 01:56:35 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

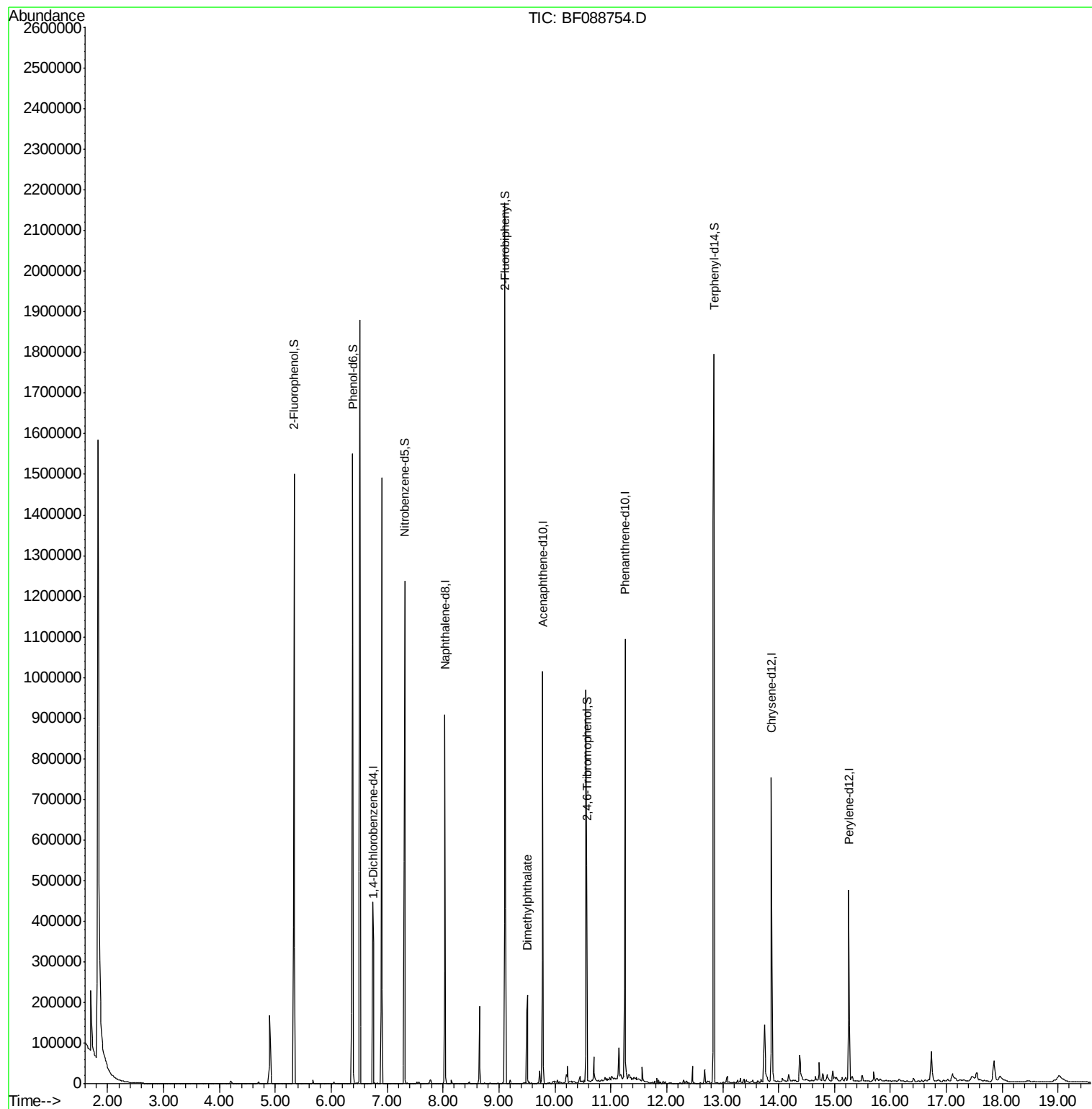
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	91248	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	410661	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	197065	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	358715	20.00	ng	0.00
75) Chrysene-d12	13.87	240	250765	20.00	ng	-0.01
86) Perylene-d12	15.26	264	195154	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	449172	73.77	ng	0.00
7) Phenol-d6	6.39	99	719834	91.50	ng	0.00
23) Nitrobenzene-d5	7.31	82	449469	57.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	135834	74.23	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	680389	54.54	ng	-0.01
78) Terphenyl-d14	12.85	244	738686	65.61	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.51	163	128082	9.12	ng	97

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

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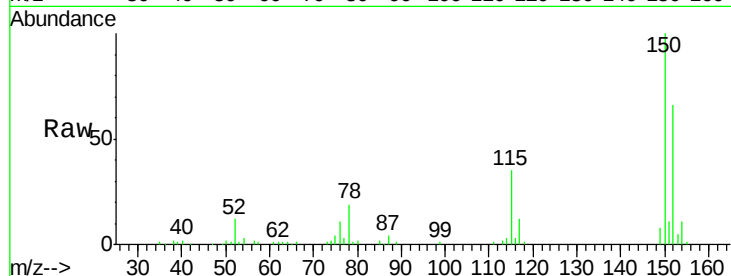


#1

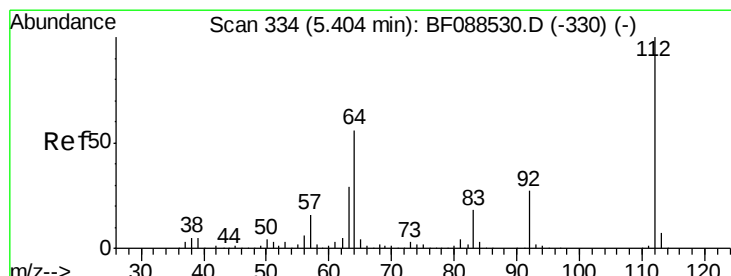
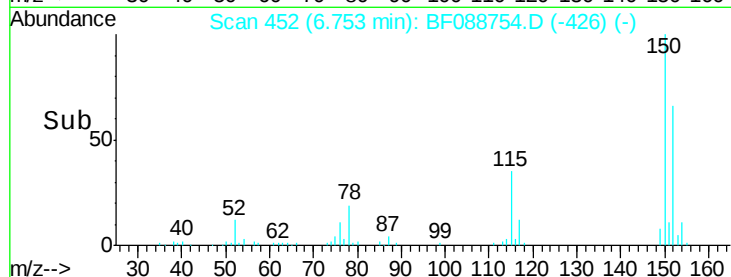
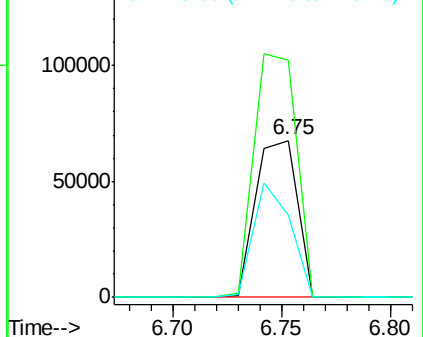
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF088754.D
Acq: 7 Jul 2016 00:54

Instrument :
BNA_F
ClientSampleId :
C2.1-02

Tot Ion:152 Resp: 91248
Ion Ratio Lower Upper
152 100
150 150.6 123.8 185.6
115 52.5 39.6 59.4



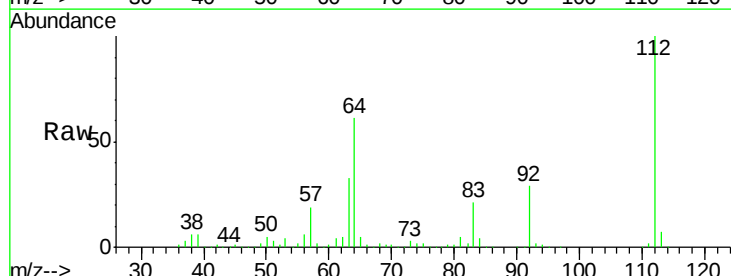
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



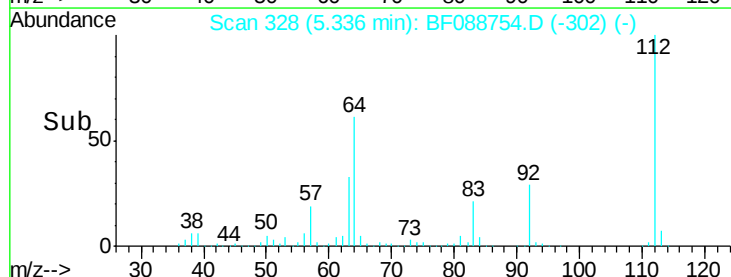
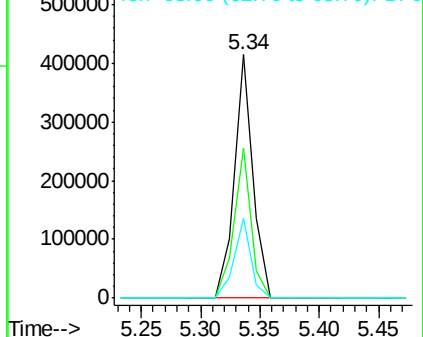
#5

2-Fluorophenol
Concen: 73.77 ng
RT: 5.34 min Scan# 328
Delta R.T. -0.00 min
Lab File: BF088754.D
Acq: 7 Jul 2016 00:54

Tgt Ion:112 Resp: 449172
Ion Ratio Lower Upper
112 100
64 61.5 42.2 63.2
63 32.8 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: 91.50 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF088754.D

Acq: 7 Jul 2016 00:54

Instrument :

BNA_F

ClientSampleId :

C2.1-02

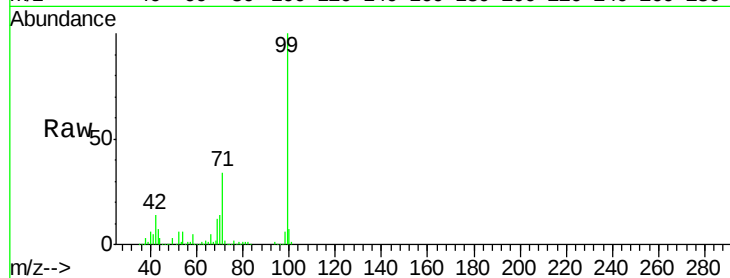
Tot Ion: 99 Resp: 719834

Ion Ratio Lower Upper

99 100

42 14.4 12.2 18.2

71 34.1 23.4 35.0



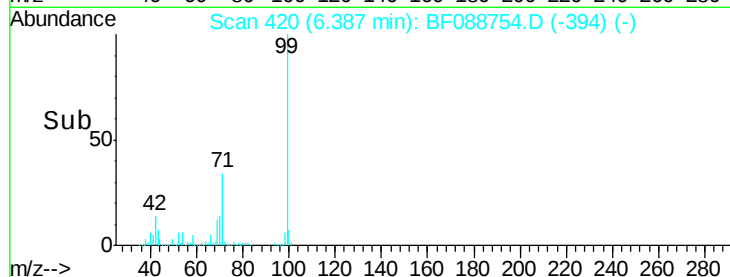
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

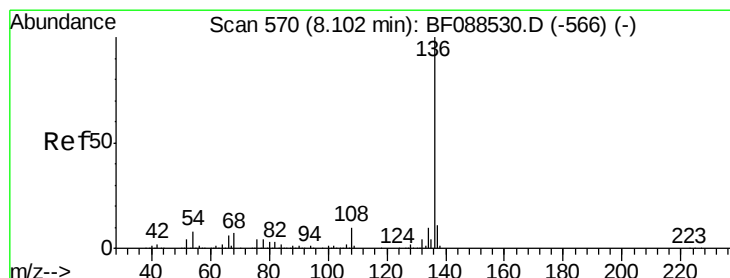
Ion 71.00 (70.70 to 71.70): BF0

6.39

6.30 6.40 6.50



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 564

Delta R.T. -0.00 min

Lab File: BF088754.D

Acq: 7 Jul 2016 00:54

Tgt Ion: 136 Resp: 410661

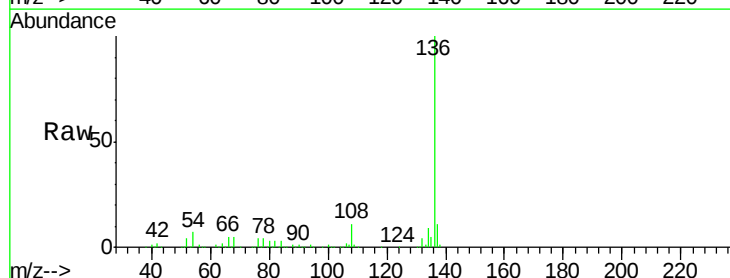
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 6.6 6.6 10.0#

68 5.4 5.1 7.7



Abundance Ion 136.00 (135.70 to 136.70): E

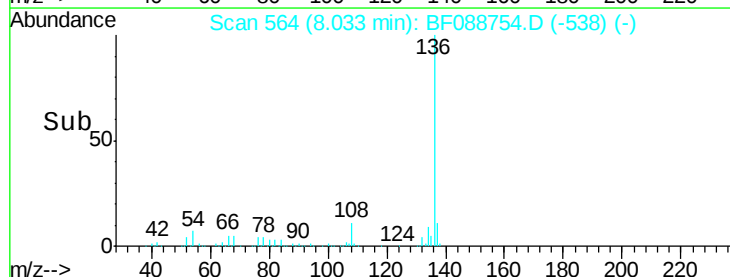
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

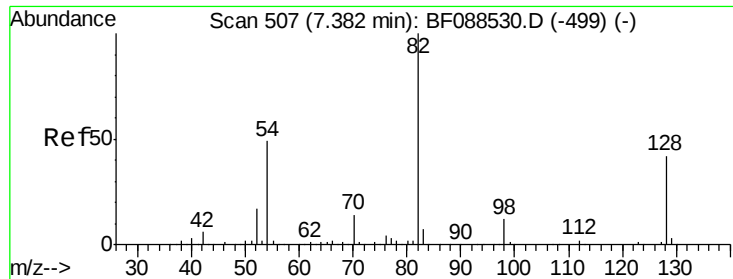
Ion 68.00 (67.70 to 68.70): BF0

8.03

7.95 8.00 8.05 8.10



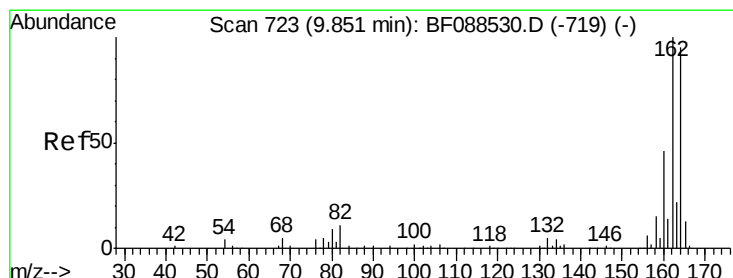
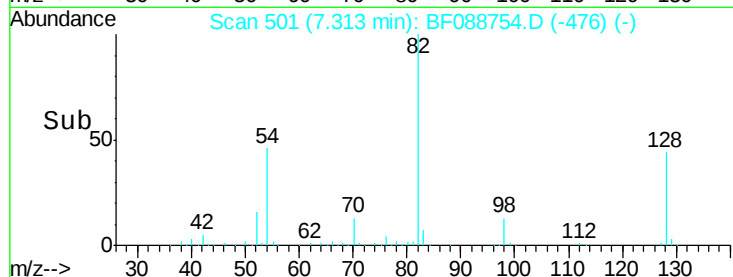
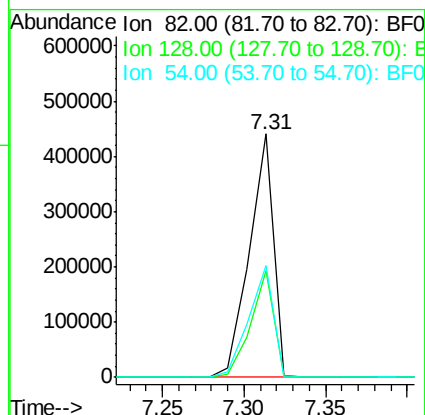
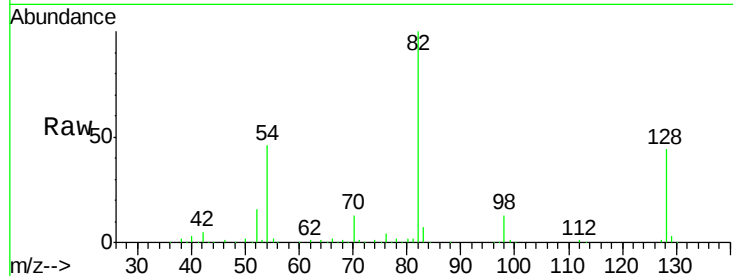
Time-->



#23
 Nitrobenzene-d5
 Concen: 57.36 ng
 RT: 7.31 min Scan# 501
 Delta R.T. -0.01 min
 Lab File: BF088754.D
 Acq: 7 Jul 2016 00:54

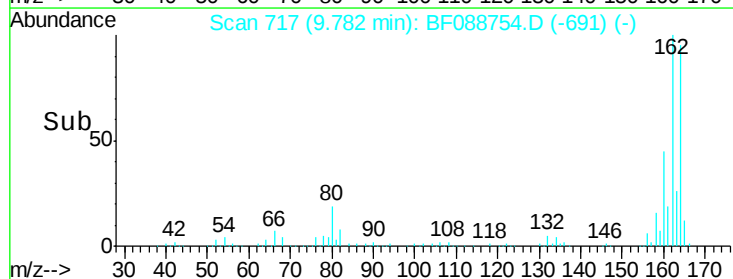
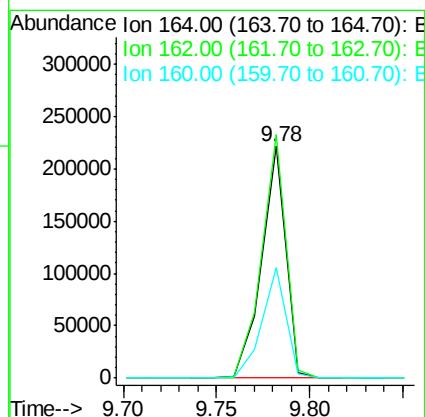
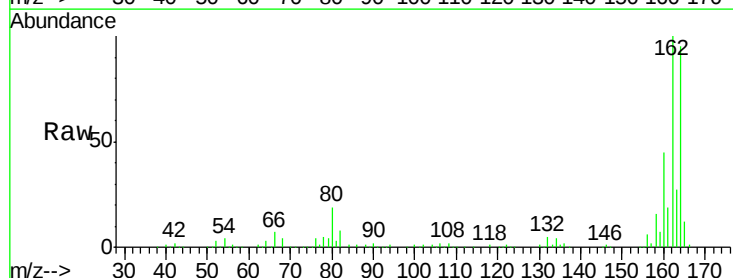
Instrument :
 BNA_F
 ClientSampled :
 C2.1-02

Tot Ion	82	Resp	449469
Ion Ratio	Lower	Upper	
82	100		
128	43.9	35.9	53.9
54	45.8	40.9	61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 717
 Delta R.T. -0.00 min
 Lab File: BF088754.D
 Acq: 7 Jul 2016 00:54

Tgt Ion	164	Resp	197065
Ion Ratio	Lower	Upper	
164	100		
162	105.1	85.4	128.2
160	47.6	39.5	59.3

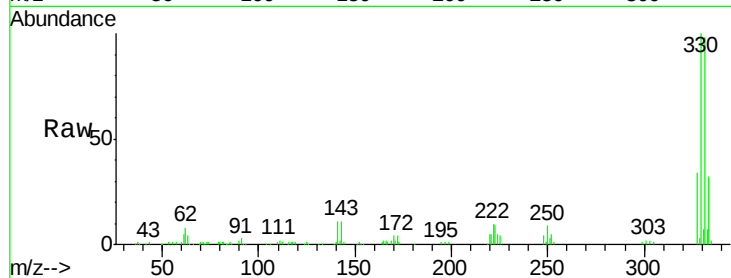




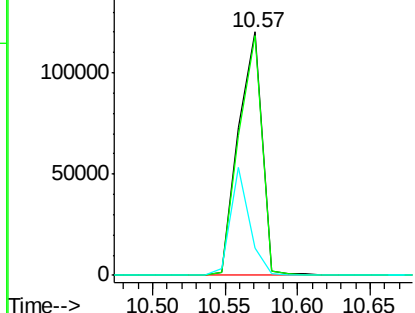
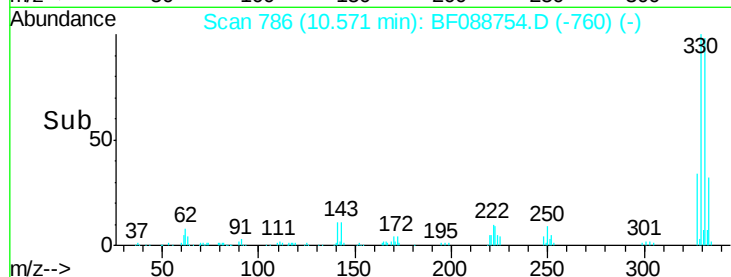
#41
 2,4,6-Tribromophenol
 Concen: 74.23 ng
 RT: 10.57 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF088754.D
 Acq: 7 Jul 2016 00:54

Instrument :
 BNA_F
 ClientSampleId :
 C2.1-02

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	0.0	0.0#
141	35.8	0.0	0.0#

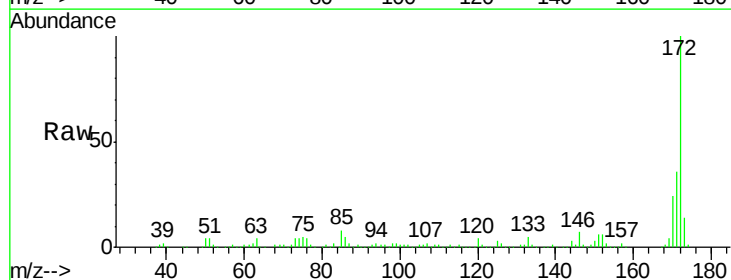


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

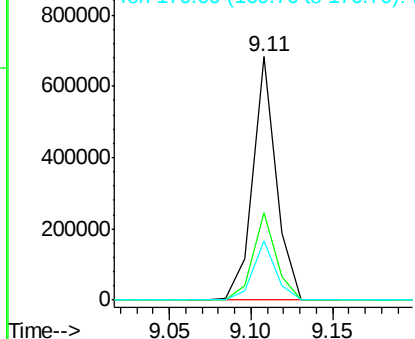
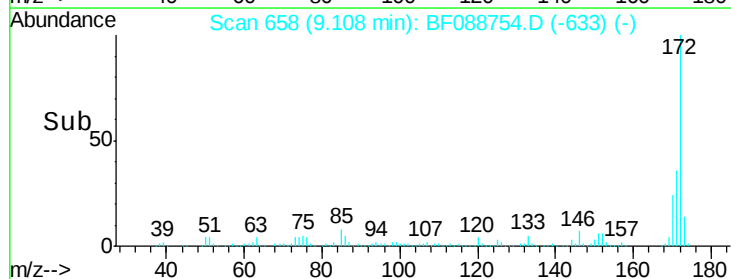


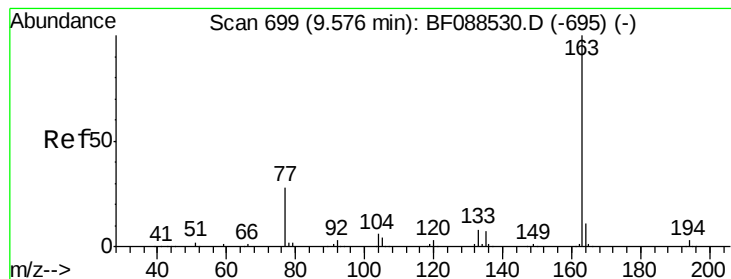
#44
 2-Fluorobiphenyl
 Concen: 54.54 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF088754.D
 Acq: 7 Jul 2016 00:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	24.2	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: 9.12 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF088754.D

Acq: 7 Jul 2016 00:54

Instrument :

BNA_F

ClientSampleId :

C2.1-02

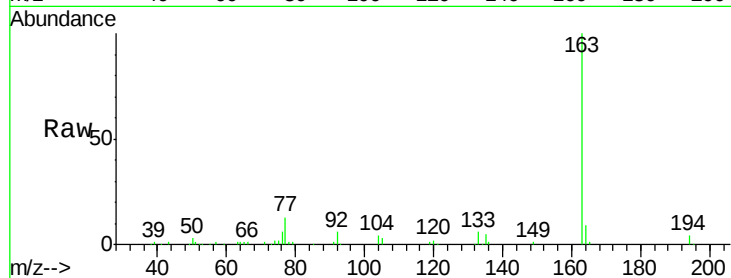
Tot Ion:163 Resp: 128082

Ion Ratio Lower Upper

163 100

194 3.8 2.8 4.2

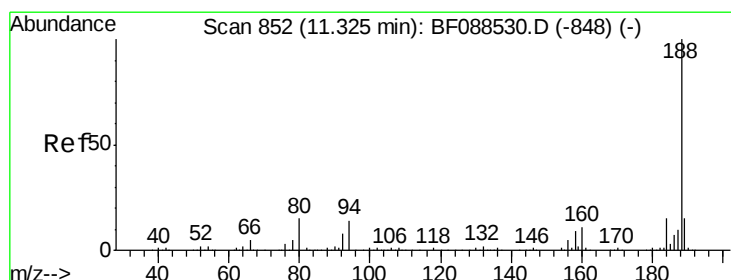
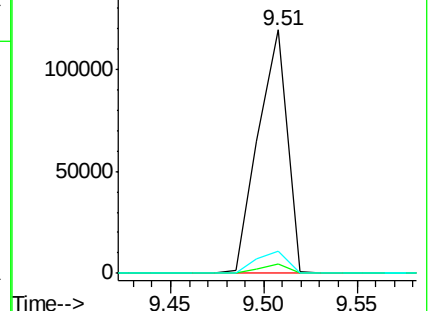
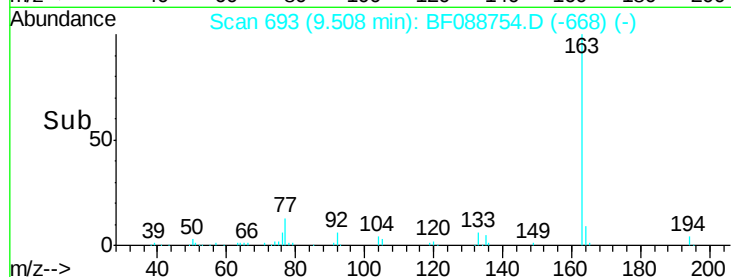
164 9.2 8.3 12.5



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: BF088754.D

Acq: 7 Jul 2016 00:54

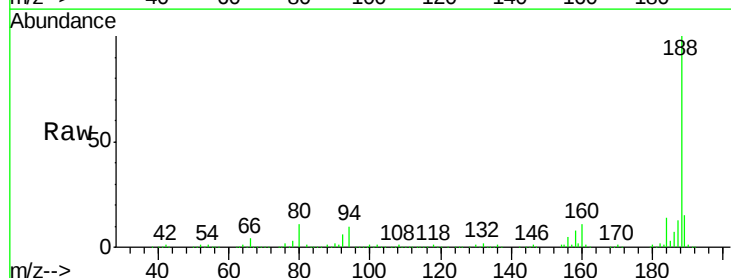
Tgt Ion:188 Resp: 358715

Ion Ratio Lower Upper

188 100

94 9.6 9.0 13.6

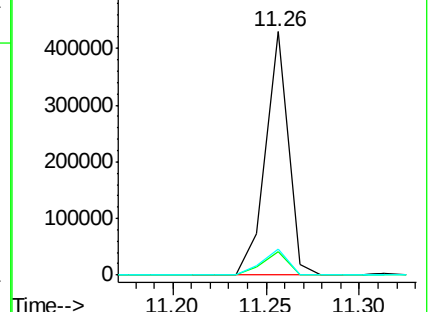
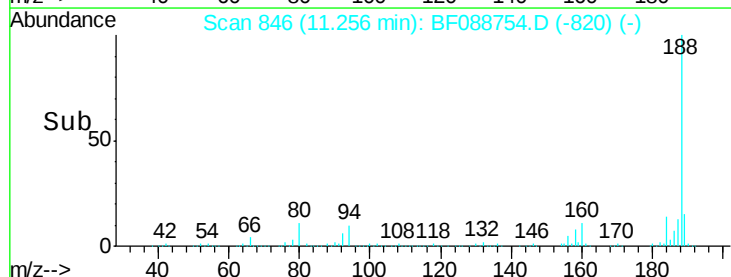
80 10.6 10.0 15.0



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: BF088754.D

Acq: 7 Jul 2016 00:54

Instrument :

BNA_F

ClientSampleId :

C2.1-02

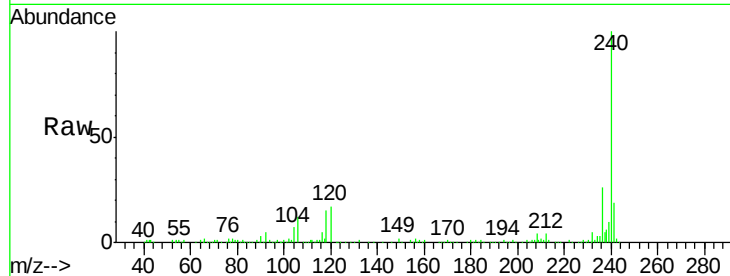
Tot Ion:240 Resp: 250765

Ion Ratio Lower Upper

240 100

120 16.7 6.8 10.2#

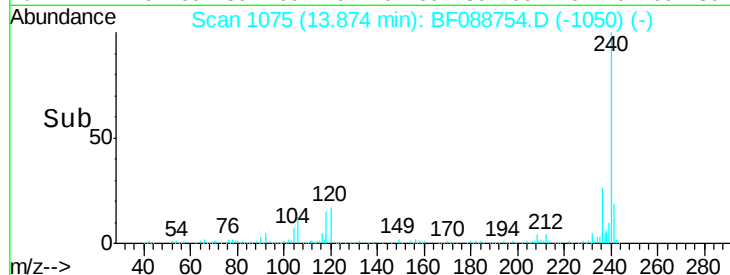
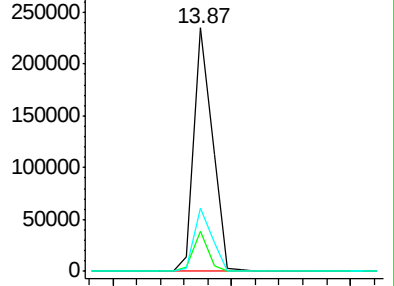
236 25.9 20.2 30.2



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: 65.61 ng

RT: 12.85 min Scan# 985

Delta R.T. -0.00 min

Lab File: BF088754.D

Acq: 7 Jul 2016 00:54

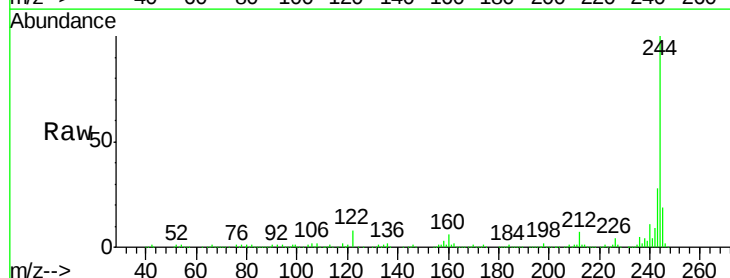
Tgt Ion:244 Resp: 738686

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

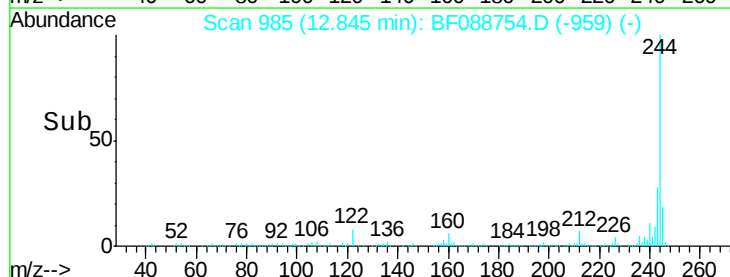
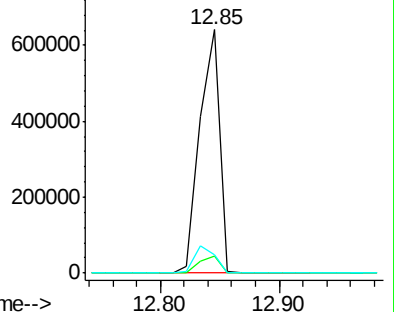
122 7.7 11.2 16.8#

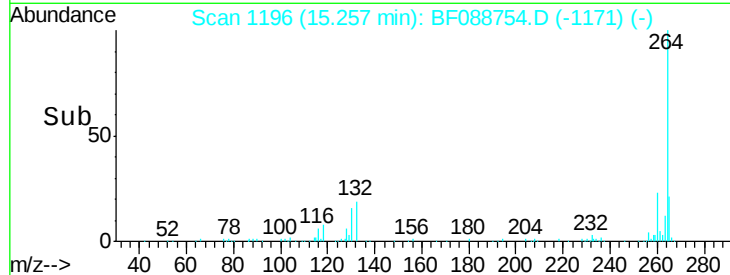
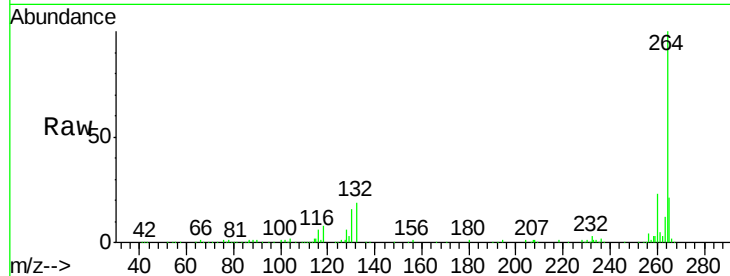
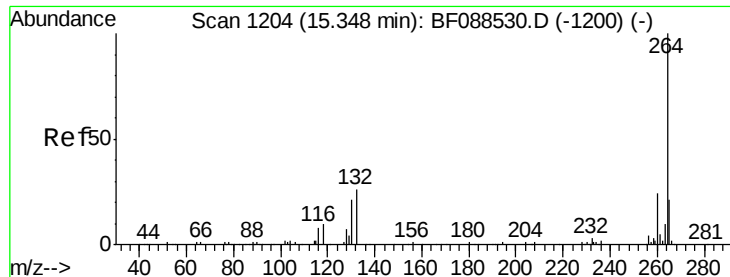


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF088754.D
 Acq: 7 Jul 2016 00:54

Instrument :
 BNA_F
 ClientSampleId :
 C2.1-02

Tot Ion:	264	Resp:	195154
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.2	16.9	25.3

