

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071316\
 Data File : BF088969.D
 Acq On : 13 Jul 2016 20:39
 Operator : UM/SJ
 Sample : H3988-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C4.2-3

Quant Time: Jul 14 01:43:17 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 14 01:23:58 2016
 Response via : Initial Calibration

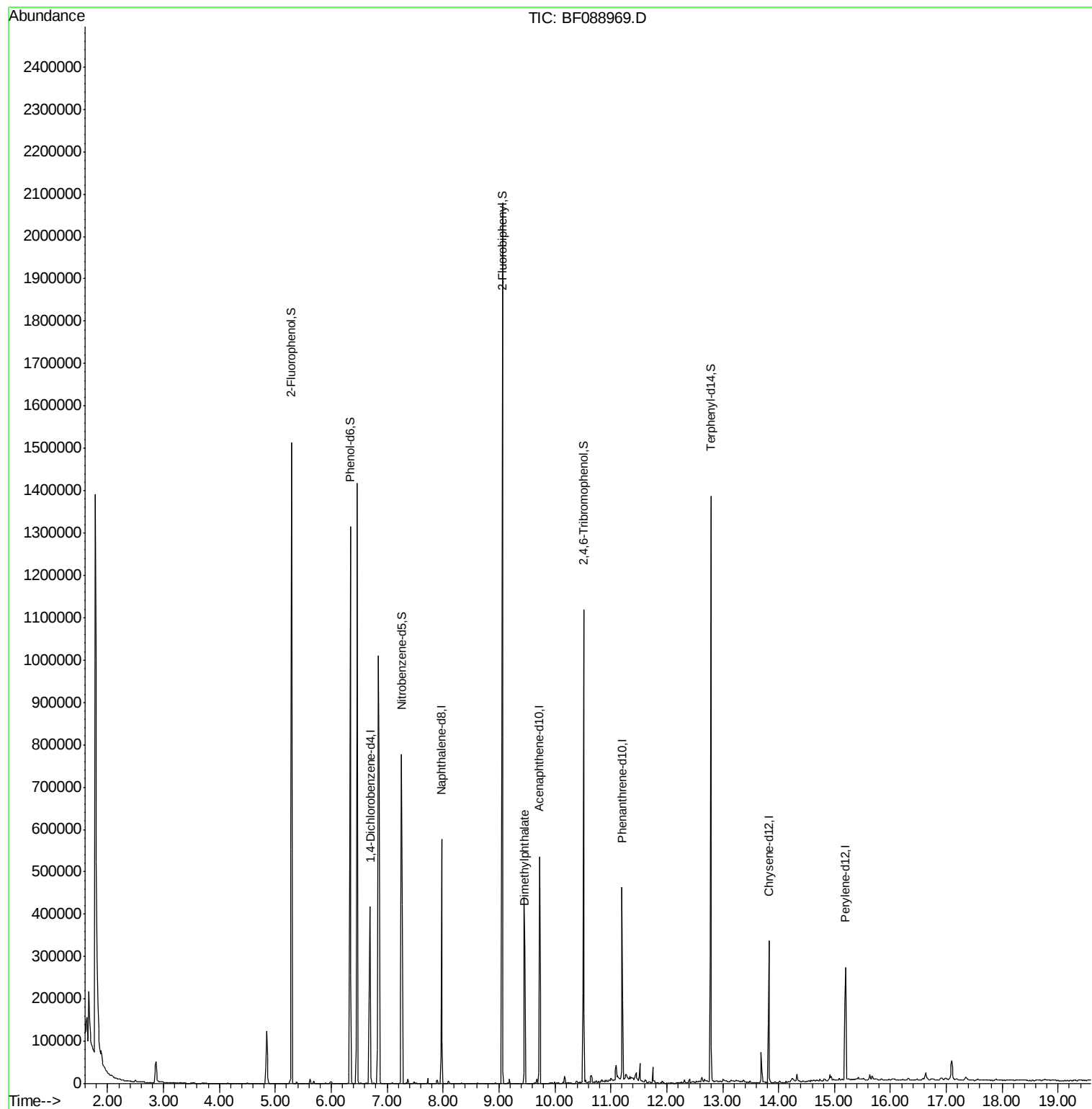
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	67958	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	248357	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	110294	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	176841	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	120028	20.00	ng	-0.01
86) Perylene-d12	15.20	264	126985	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	416535	91.86	ng	0.00
7) Phenol-d6	6.34	99	517291	88.29	ng	-0.01
23) Nitrobenzene-d5	7.26	82	339550	71.65	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	113618	110.93	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	675835	96.79	ng	0.00
78) Terphenyl-d14	12.79	244	377981	70.14	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.46	163	246115	31.32	ng	96

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

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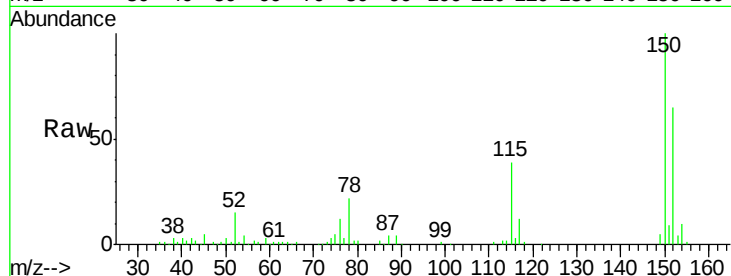


#1

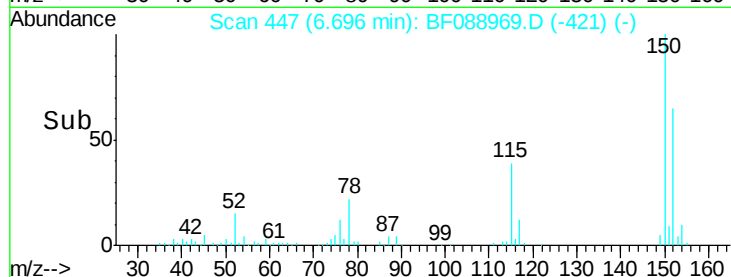
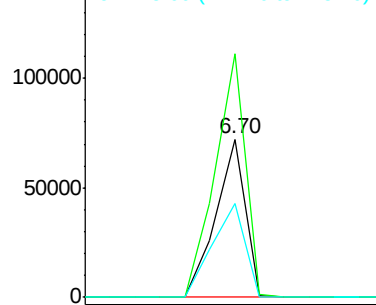
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.70 min Scan# 447
 Delta R.T. 0.00 min
 Lab File: BF088969.D
 Acq: 13 Jul 2016 20:39

Instrument :
 BNA_F
 ClientSampled :
 C4.2-3

Tot Ion:152 Resp: 67958
 Ion Ratio Lower Upper
 152 100
 150 153.9 123.8 185.6
 115 59.5 39.6 59.4#



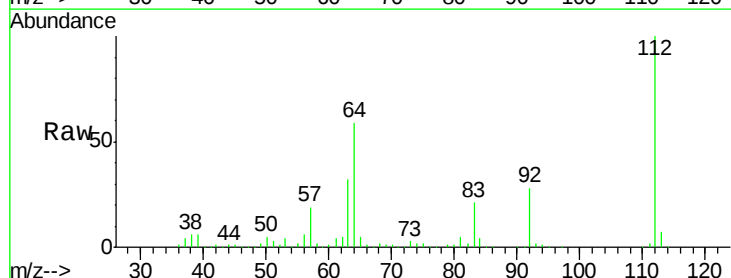
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



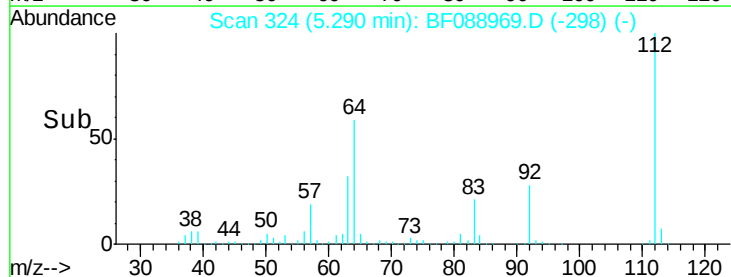
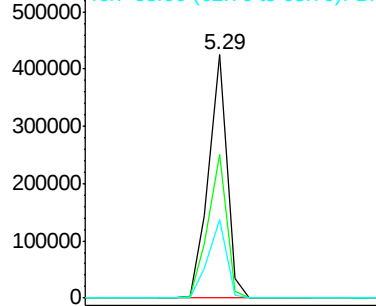
#5

2-Fluorophenol
 Concen: 91.86 ng
 RT: 5.29 min Scan# 324
 Delta R.T. 0.00 min
 Lab File: BF088969.D
 Acq: 13 Jul 2016 20:39

Tgt Ion:112 Resp: 416535
 Ion Ratio Lower Upper
 112 100
 64 59.0 42.2 63.2
 63 32.0 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: 88.29 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF088969.D

Acq: 13 Jul 2016 20:39

Instrument :

BNA_F

ClientSampleId :

C4.2-3

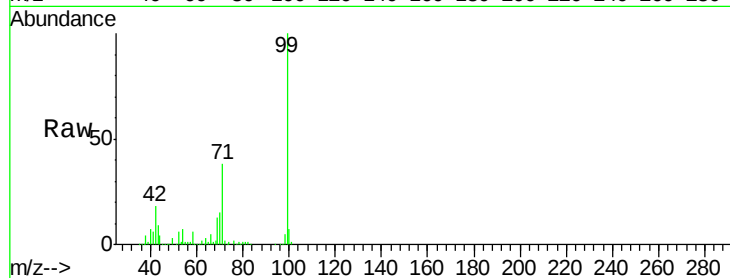
Tot Ion: 99 Resp: 517291

Ion Ratio Lower Upper

99 100

42 18.0 12.2 18.2

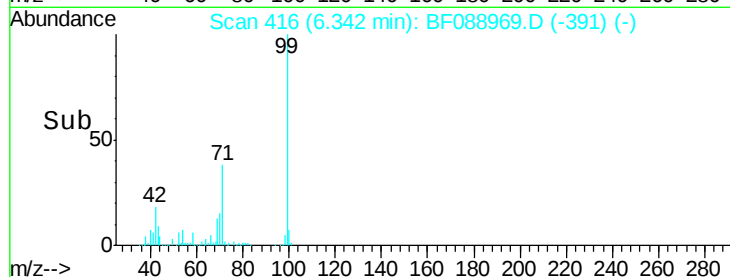
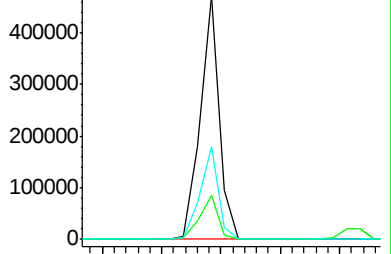
71 38.1 23.4 35.0#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF088969.D

Acq: 13 Jul 2016 20:39

Tgt Ion: 136 Resp: 248357

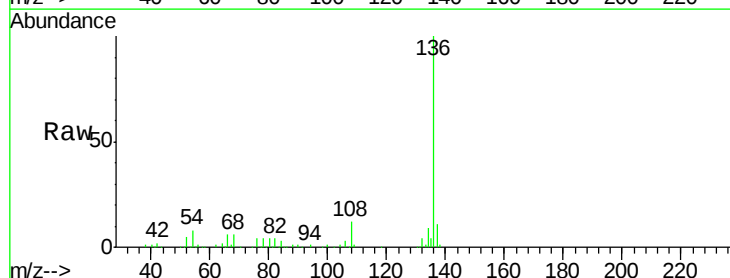
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 8.1 6.6 10.0

68 6.1 5.1 7.7

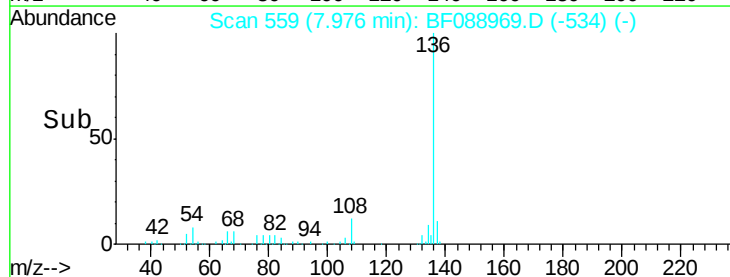
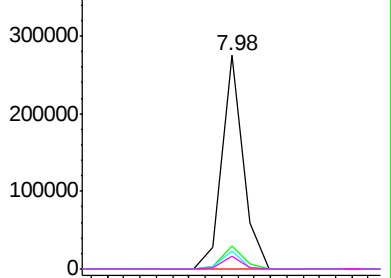


Abundance Ion 136.00 (135.70 to 136.70): E

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

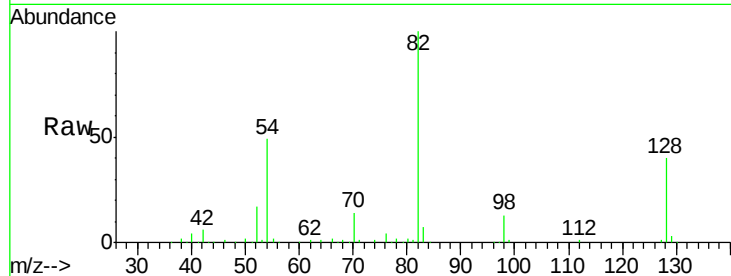




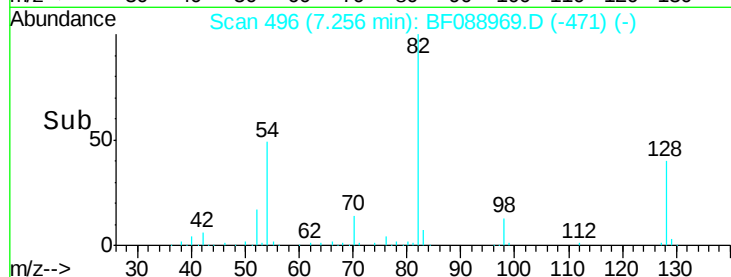
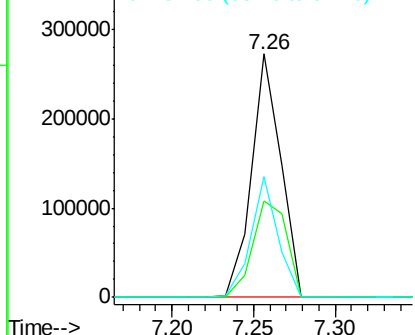
#23
Nitrobenzene-d5
Concen: 71.65 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.01 min
Lab File: BF088969.D
Acq: 13 Jul 2016 20:39

Instrument :
BNA_F
ClientSampleId :
C4.2-3

Tot Ion	82	Resp	339550
Ion Ratio	Lower	Upper	
82	100		
128	39.6	35.9	53.9
54	49.5	40.9	61.3

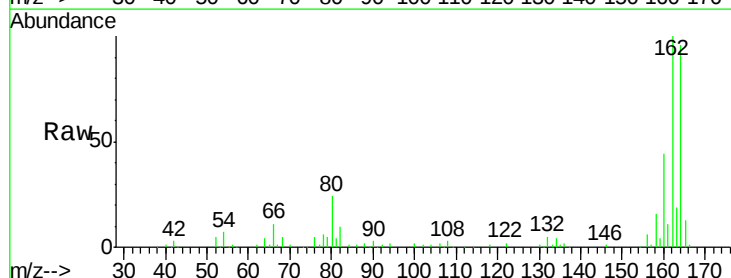


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

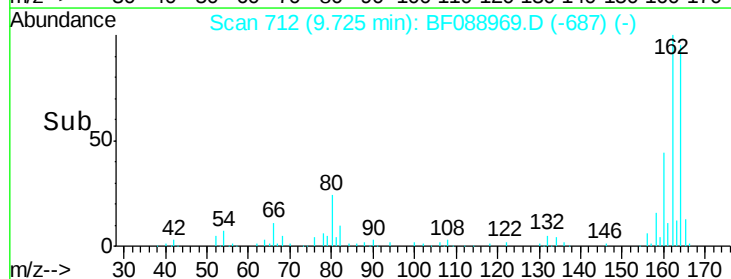
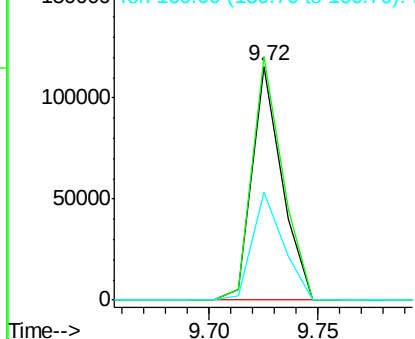


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF088969.D
Acq: 13 Jul 2016 20:39

Tgt Ion	164	Resp	110294
Ion Ratio	Lower	Upper	
164	100		
162	104.3	85.4	128.2
160	46.0	39.5	59.3



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

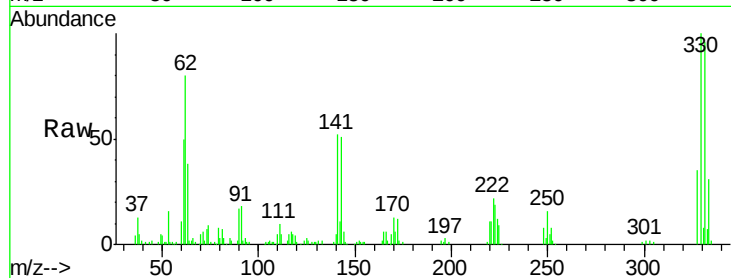




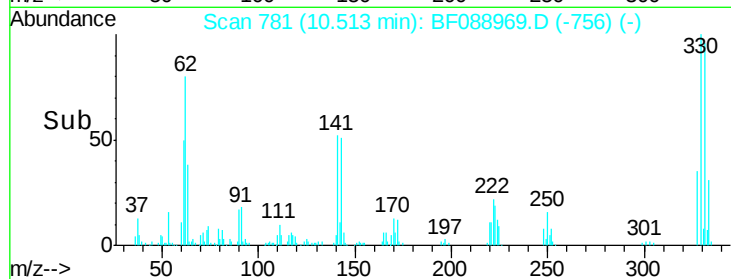
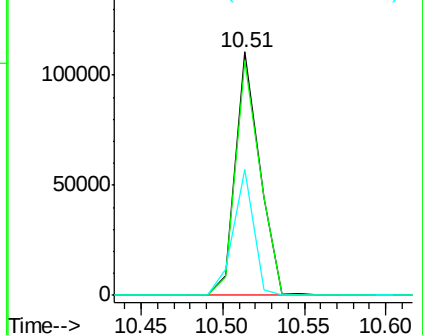
#41
 2,4,6-Tribromophenol
 Concen: 110.93 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF088969.D
 Acq: 13 Jul 2016 20:39

Instrument :
 BNA_F
 ClientSampled :
 C4.2-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	0.0	0.0#
141	43.3	0.0	0.0#

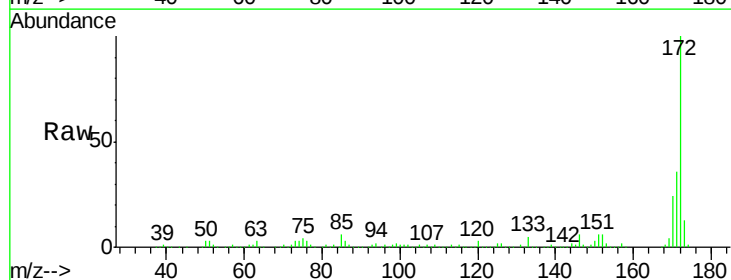


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

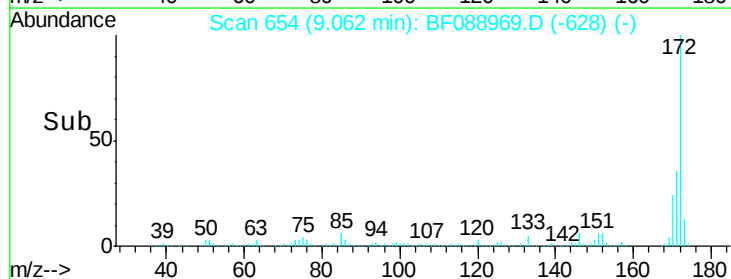
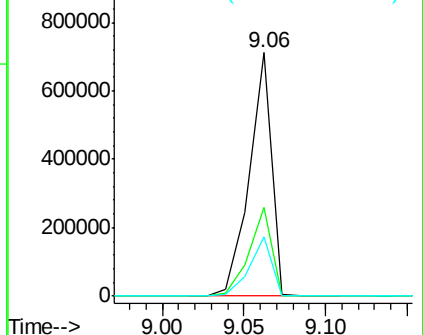


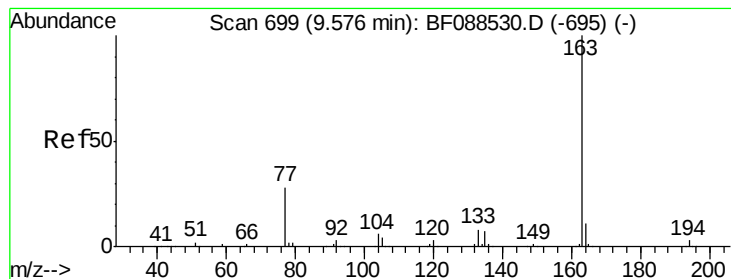
#44
 2-Fluorobiphenyl
 Concen: 96.79 ng
 RT: 9.06 min Scan# 654
 Delta R.T. 0.00 min
 Lab File: BF088969.D
 Acq: 13 Jul 2016 20:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	24.1	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: 31.32 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF088969.D

Acq: 13 Jul 2016 20:39

Instrument :

BNA_F

ClientSampleId :

C4.2-3

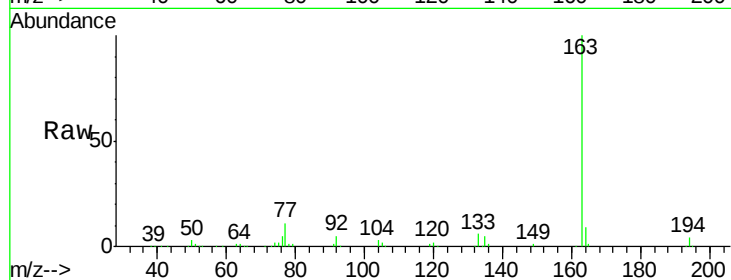
Tot Ion:163 Resp: 246115

Ion Ratio Lower Upper

163 100

194 4.1 2.8 4.2

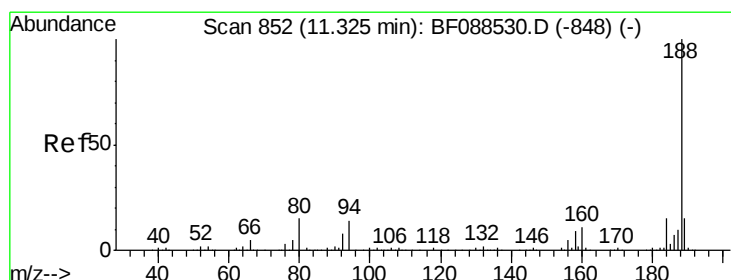
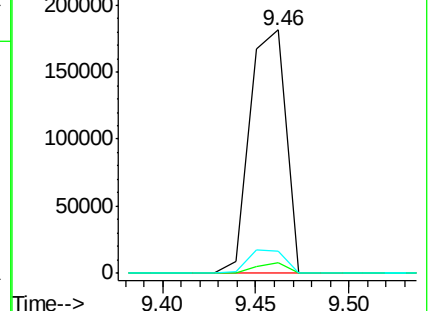
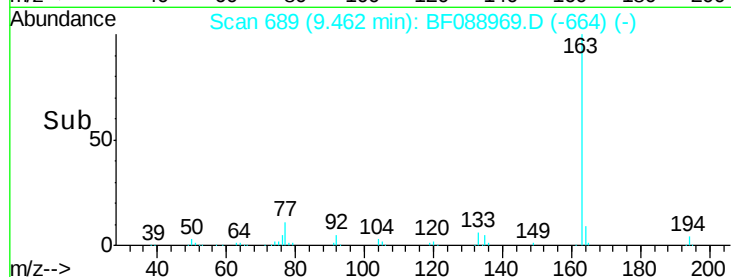
164 8.9 8.3 12.5



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: 11.20 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF088969.D

Acq: 13 Jul 2016 20:39

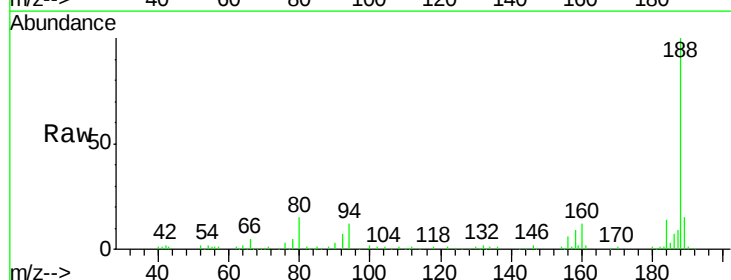
Tgt Ion:188 Resp: 176841

Ion Ratio Lower Upper

188 100

94 12.3 9.0 13.6

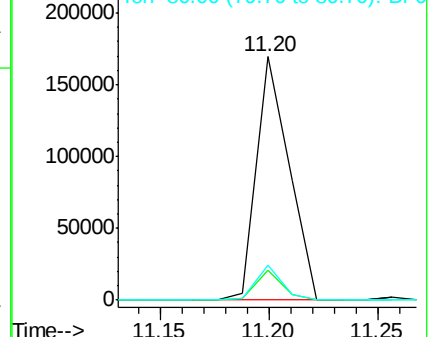
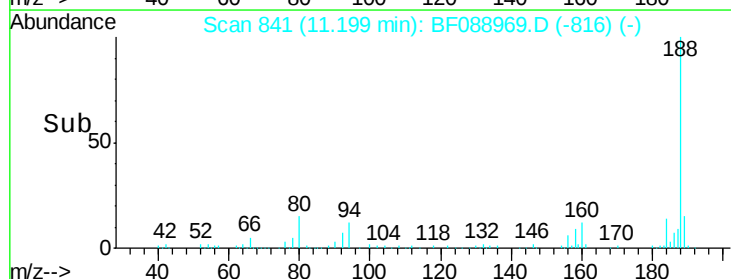
80 14.6 10.0 15.0

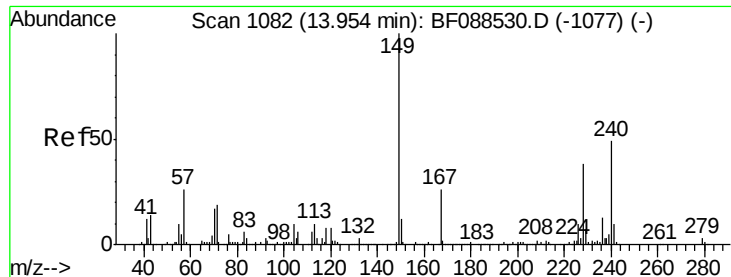


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.83 min Scan# 1071

Delta R.T. -0.01 min

Lab File: BF088969.D

Acq: 13 Jul 2016 20:39

Instrument :

BNA_F

ClientSampleId :

C4.2-3

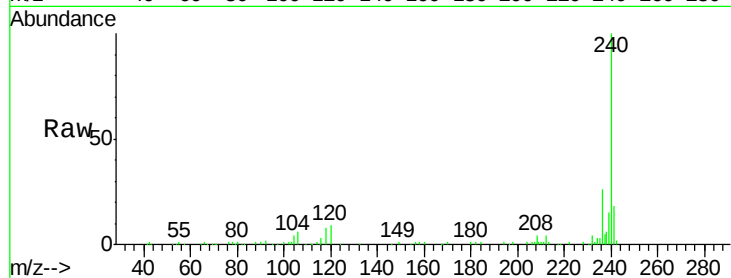
Tot Ion:240 Resp: 120028

Ion Ratio Lower Upper

240 100

120 8.9 6.8 10.2

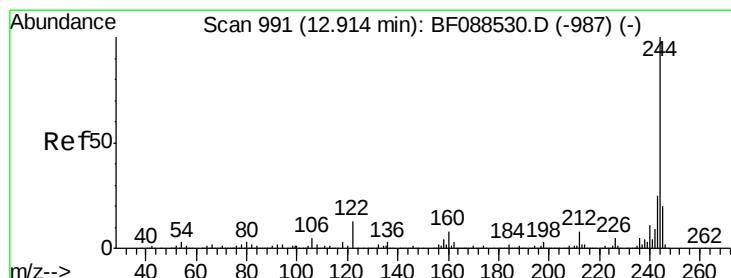
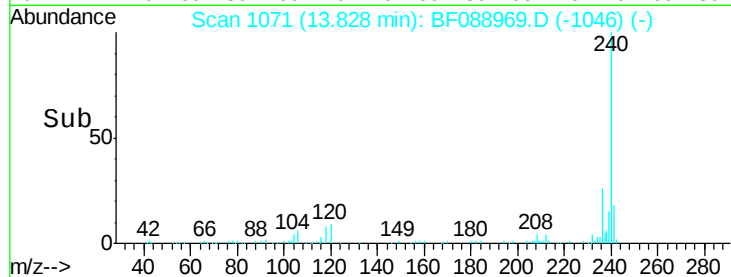
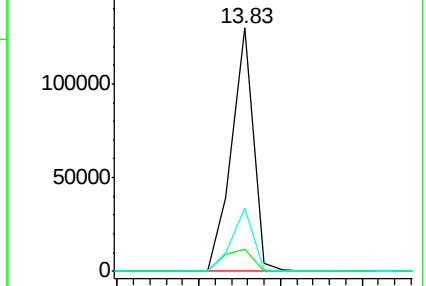
236 25.7 20.2 30.2



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: 70.14 ng

RT: 12.79 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF088969.D

Acq: 13 Jul 2016 20:39

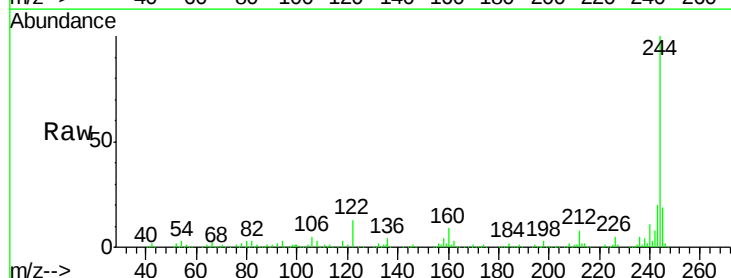
Tgt Ion:244 Resp: 377981

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

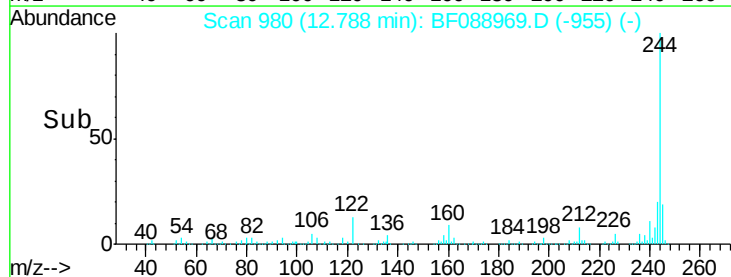
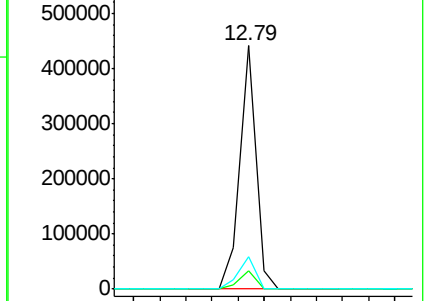
122 13.5 11.2 16.8

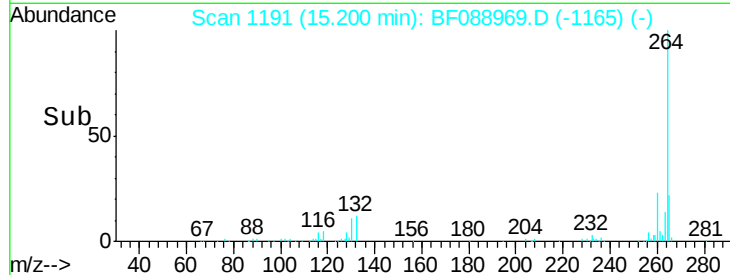
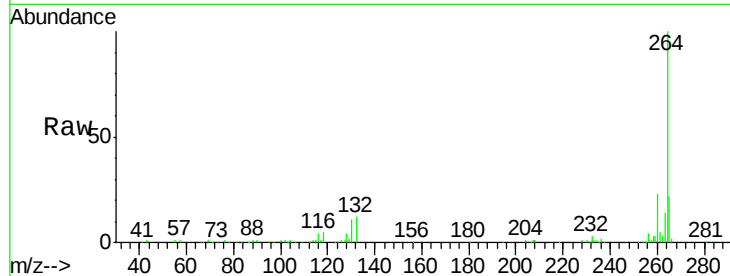
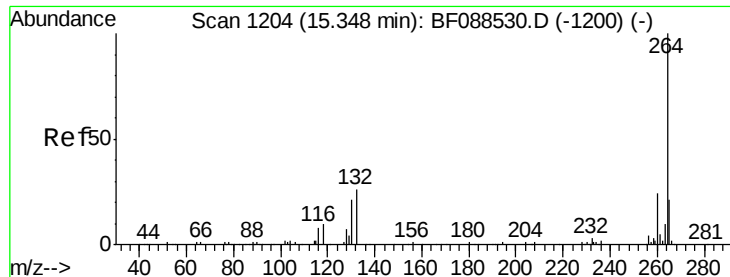


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.20 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF088969.D
 Acq: 13 Jul 2016 20:39

Instrument :
 BNA_F
 ClientSampleId :
 C4.2-3

Tot Ion:264	Resp:	126985
Ion Ratio	Lower	Upper
264	100	
260	22.7	19.2 28.8
265	21.7	16.9 25.3

