

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071316\
 Data File : BF088967.D
 Acq On : 13 Jul 2016 19:40
 Operator : UM/SJ
 Sample : H3988-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C4.2-5

Quant Time: Jul 14 01:40:01 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

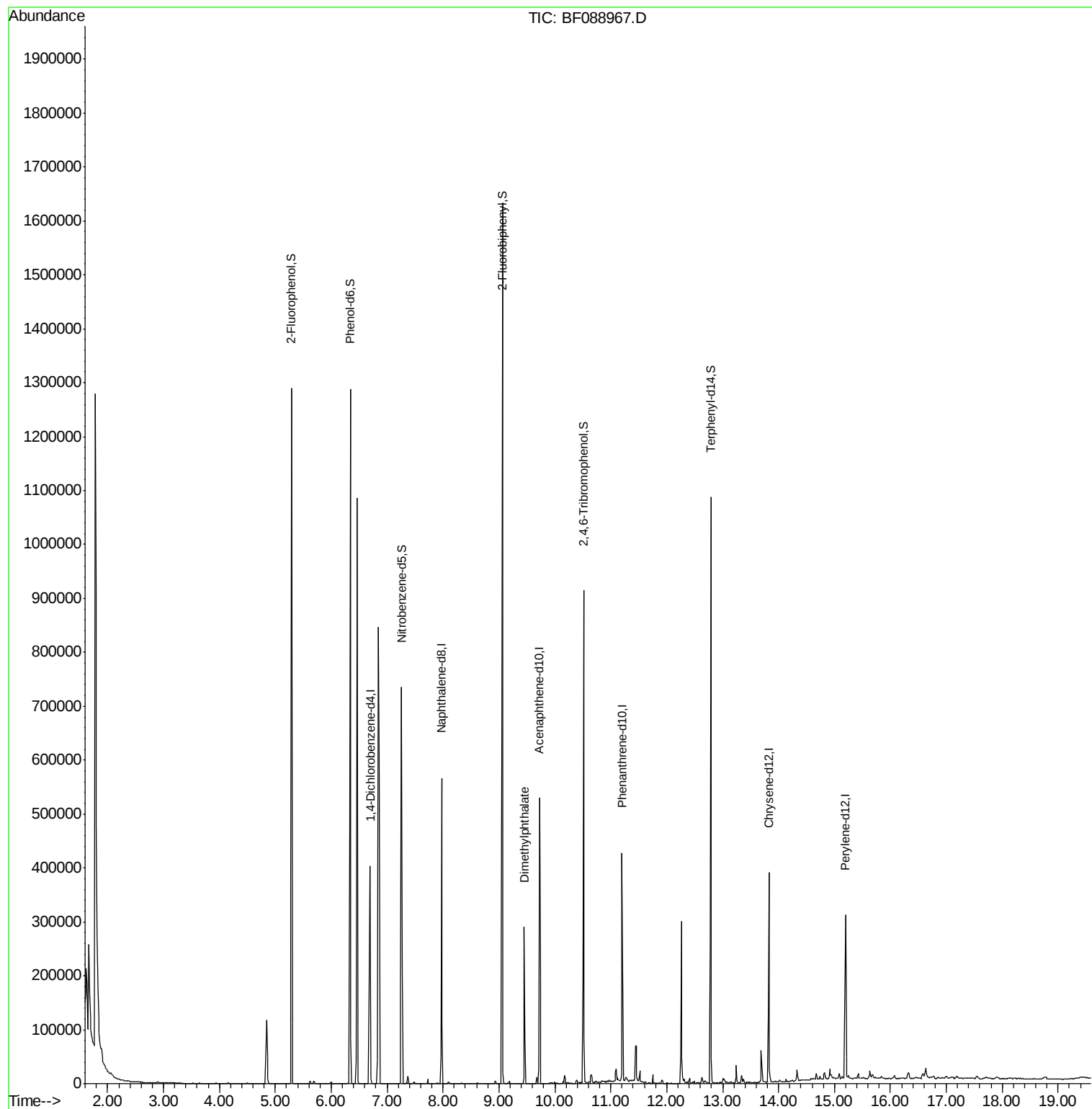
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	65149	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	244308	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	107232	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	175957	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	124556	20.00	ng	-0.01
86) Perylene-d12	15.20	264	131277	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	341450	78.55	ng	0.00
7) Phenol-d6	6.34	99	442752	78.82	ng	-0.01
23) Nitrobenzene-d5	7.26	82	268825	57.66	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	91424	91.81	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	547486	80.65	ng	0.00
78) Terphenyl-d14	12.79	244	304312	54.42	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.45	163	119561	15.65	ng	99

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

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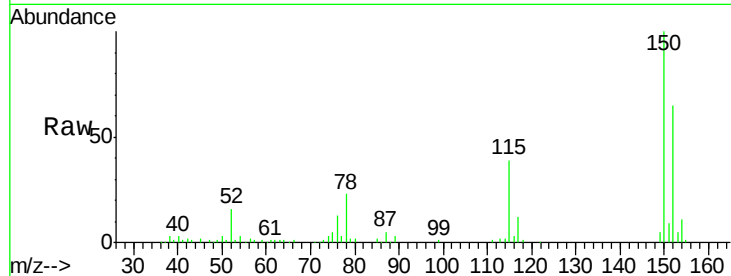


#1

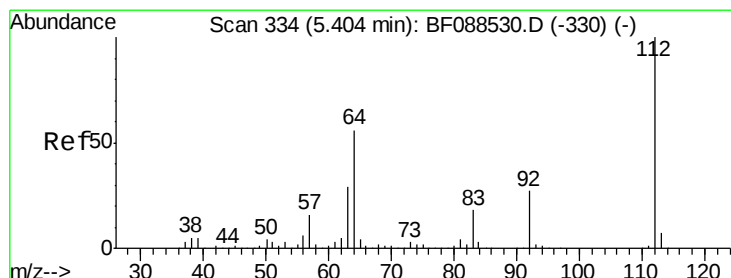
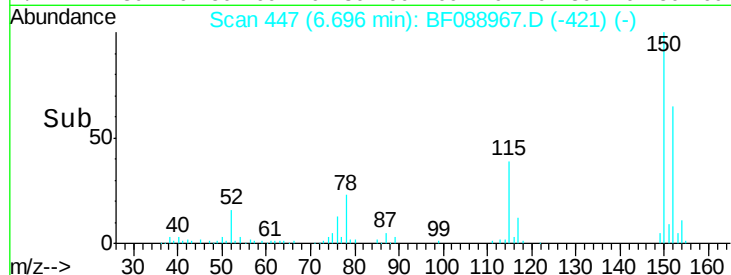
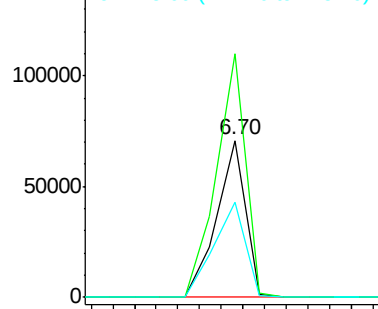
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF088967.D
Acq: 13 Jul 2016 19:40

Instrument :
BNA_F
ClientSampled :
C4.2-5

Tot Ion:152 Resp: 65149
Ion Ratio Lower Upper
152 100
150 155.0 123.8 185.6
115 60.2 39.6 59.4#



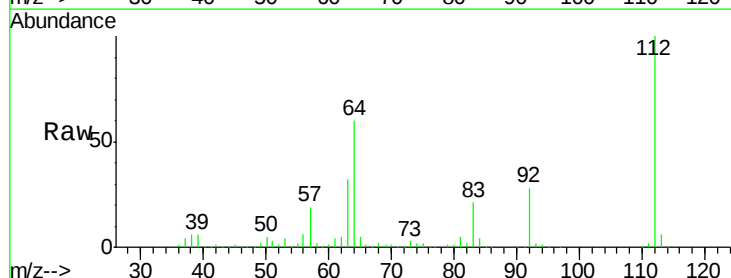
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



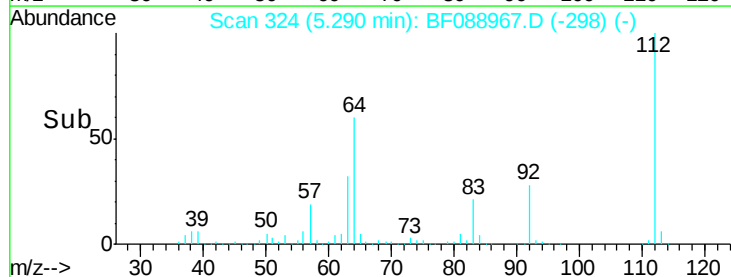
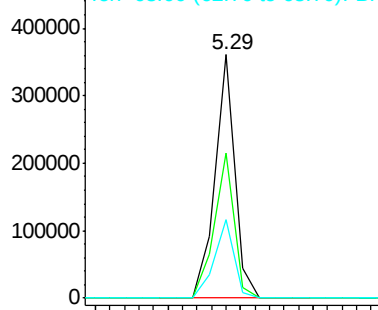
#5

2-Fluorophenol
Concen: 78.55 ng
RT: 5.29 min Scan# 324
Delta R.T. 0.00 min
Lab File: BF088967.D
Acq: 13 Jul 2016 19:40

Tgt Ion:112 Resp: 341450
Ion Ratio Lower Upper
112 100
64 59.6 42.2 63.2
63 32.4 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: 78.82 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF088967.D

Acq: 13 Jul 2016 19:40

Instrument :

BNA_F

ClientSampleId :

C4.2-5

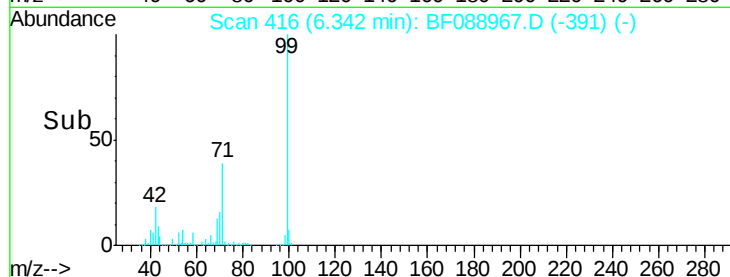
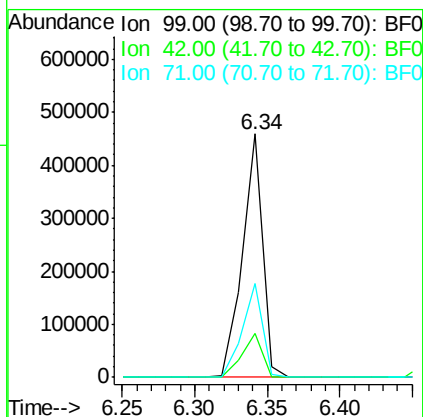
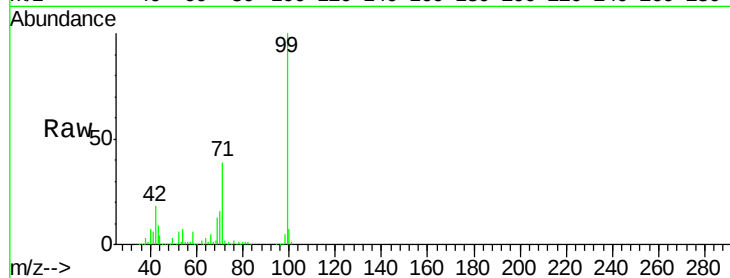
Tot Ion: 99 Resp: 442752

Ion Ratio Lower Upper

99 100

42 18.3 12.2 18.2#

71 38.7 23.4 35.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF088967.D

Acq: 13 Jul 2016 19:40

Tgt Ion: 136 Resp: 244308

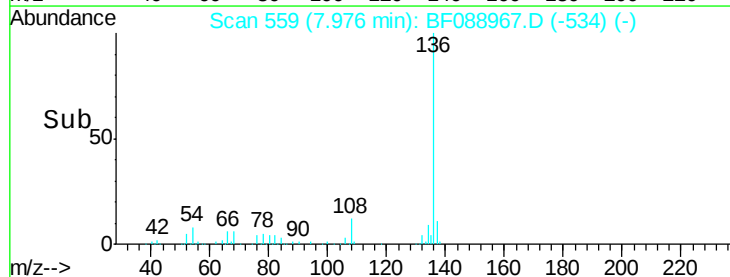
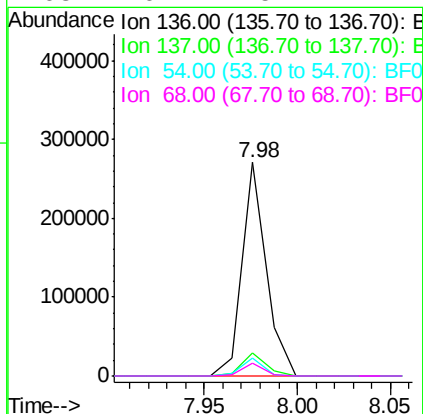
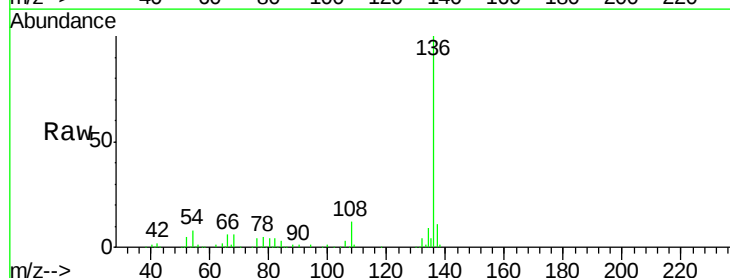
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 8.2 6.6 10.0

68 6.2 5.1 7.7

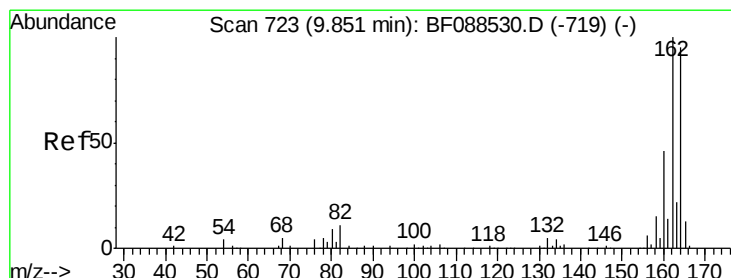
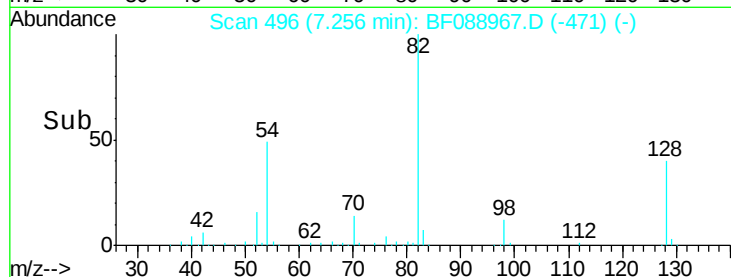
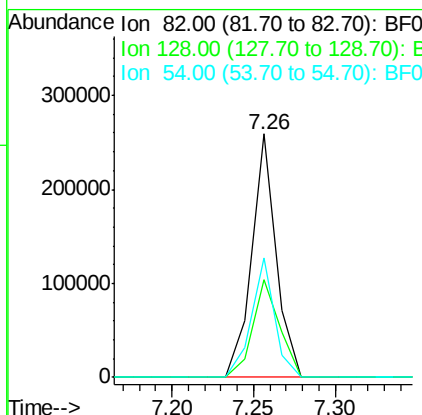
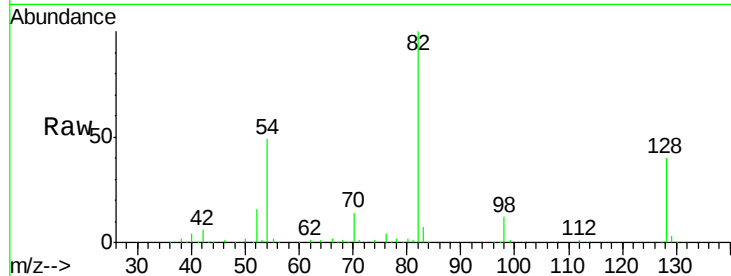




#23
 Nitrobenzene-d5
 Concen: 57.66 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.01 min
 Lab File: BF088967.D
 Acq: 13 Jul 2016 19:40

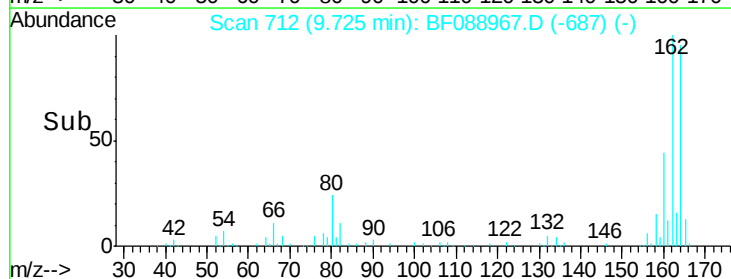
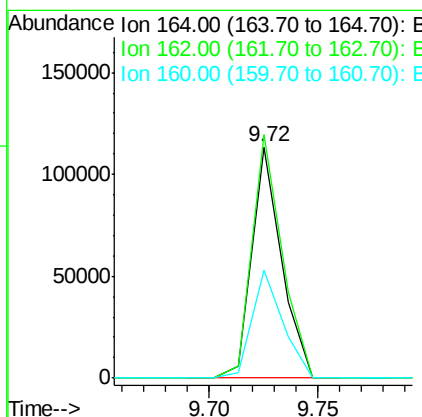
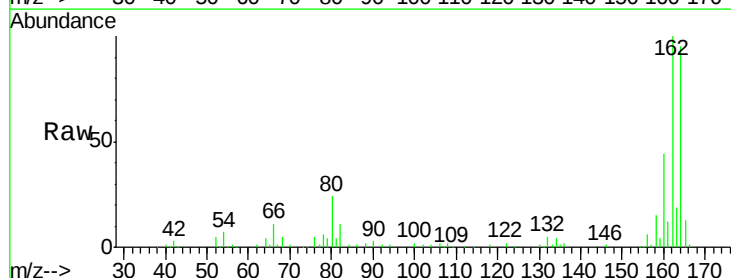
Instrument :
 BNA_F
 ClientSampleId :
 C4.2-5

Tot Ion	82	Resp	268825
Ion Ratio	Lower	Upper	
82	100		
128	40.1	35.9	53.9
54	49.3	40.9	61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: BF088967.D
 Acq: 13 Jul 2016 19:40

Tgt Ion	164	Resp	107232
Ion Ratio	Lower	Upper	
164	100		
162	105.3	85.4	128.2
160	46.6	39.5	59.3

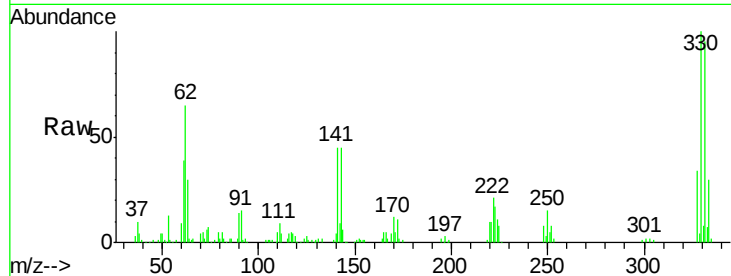




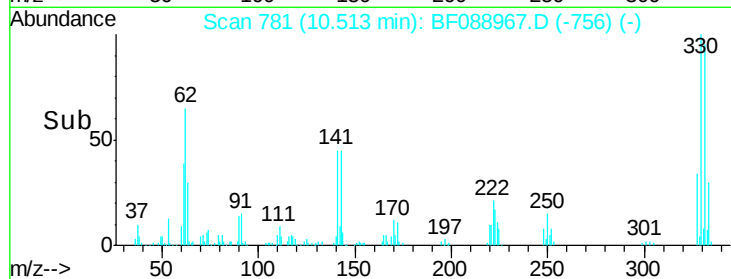
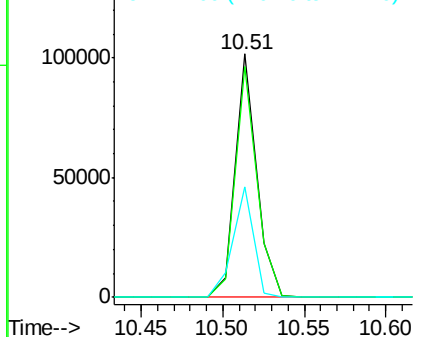
#41
 2,4,6-Tribromophenol
 Concen: 91.81 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF088967.D
 Acq: 13 Jul 2016 19:40

Instrument :
 BNA_F
 ClientSampleId :
 C4.2-5

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	0.0	0.0#
141	43.6	0.0	0.0#

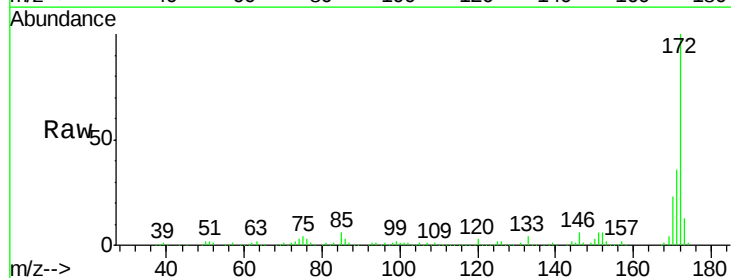


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

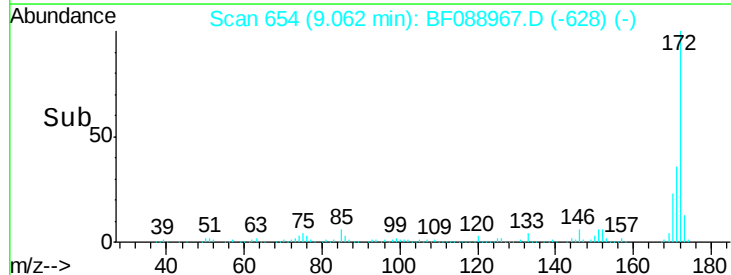
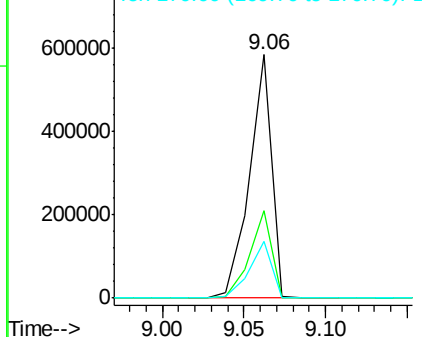


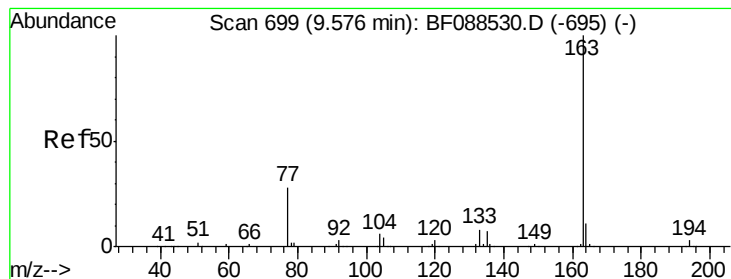
#44
 2-Fluorobiphenyl
 Concen: 80.65 ng
 RT: 9.06 min Scan# 654
 Delta R.T. 0.00 min
 Lab File: BF088967.D
 Acq: 13 Jul 2016 19:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.4	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: 15.65 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.02 min

Lab File: BF088967.D

Acq: 13 Jul 2016 19:40

Instrument :

BNA_F

ClientSampleId :

C4.2-5

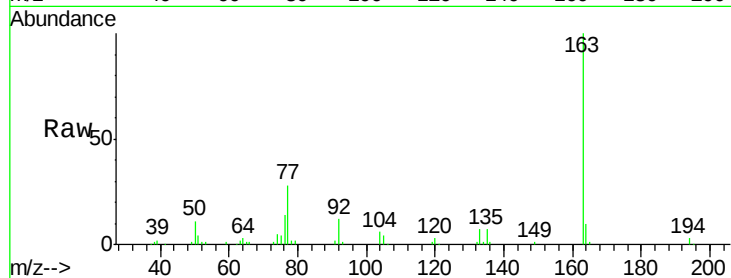
Tot Ion:163 Resp: 119561

Ion Ratio Lower Upper

163 100

194 3.0 2.8 4.2

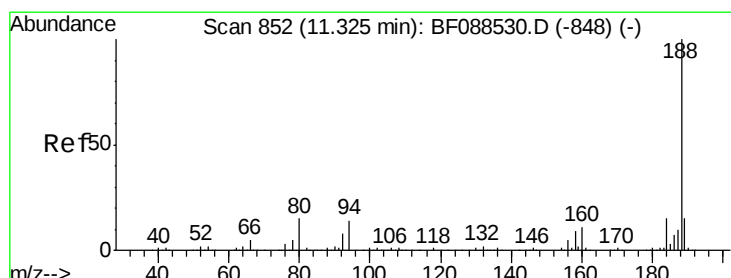
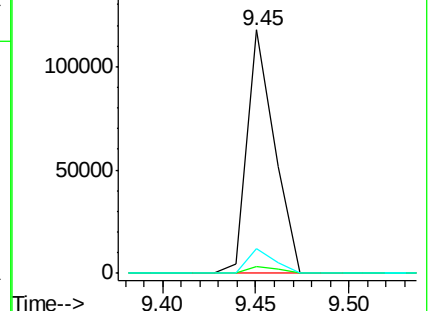
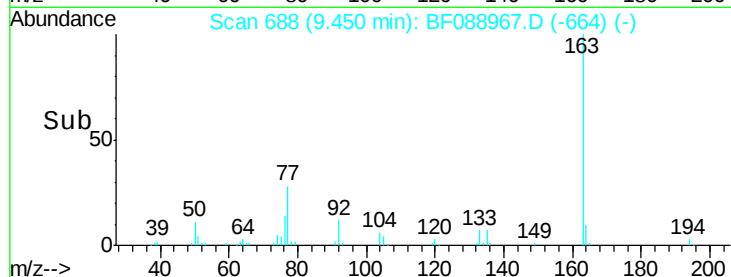
164 10.1 8.3 12.5



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: BF088967.D

Acq: 13 Jul 2016 19:40

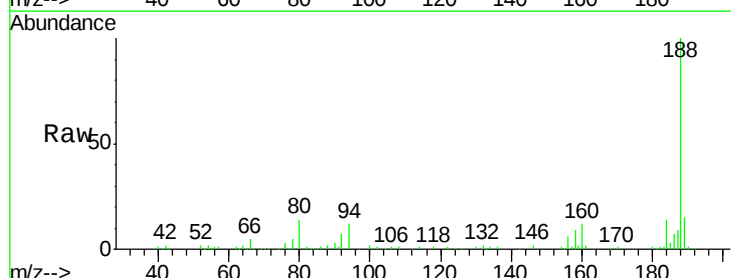
Tgt Ion:188 Resp: 175957

Ion Ratio Lower Upper

188 100

94 12.1 9.0 13.6

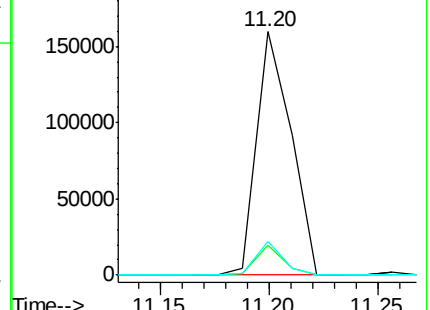
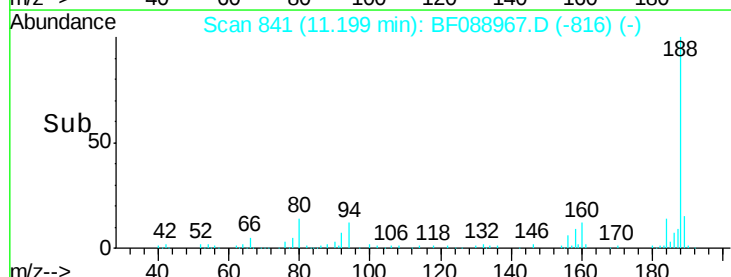
80 14.1 10.0 15.0

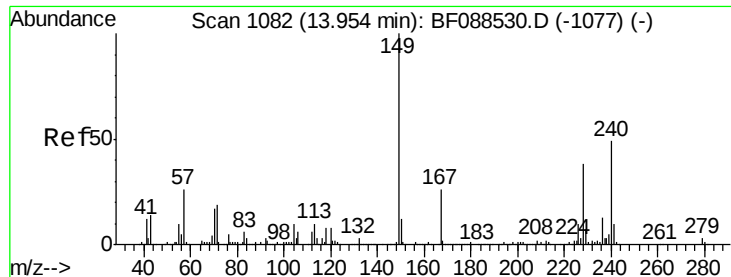


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF088967.D

Acq: 13 Jul 2016 19:40

Instrument :

BNA_F

ClientSampleId :

C4.2-5

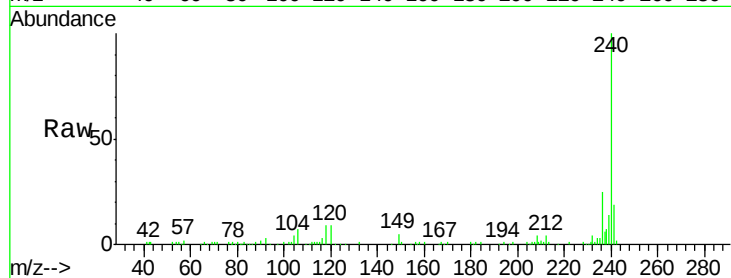
Tot Ion:240 Resp: 124556

Ion Ratio Lower Upper

240 100

120 9.1 6.8 10.2

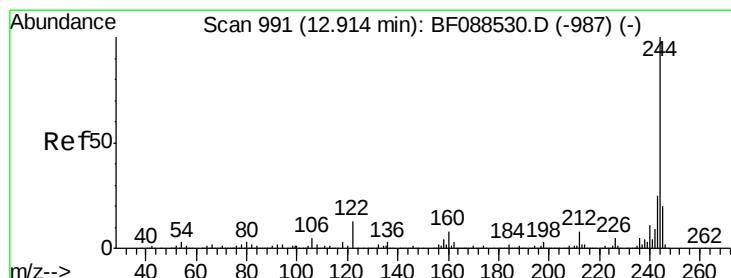
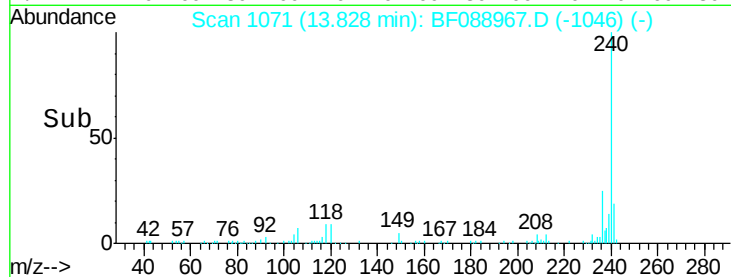
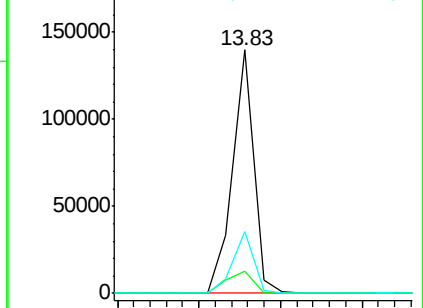
236 25.3 20.2 30.2



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: 54.42 ng

RT: 12.79 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF088967.D

Acq: 13 Jul 2016 19:40

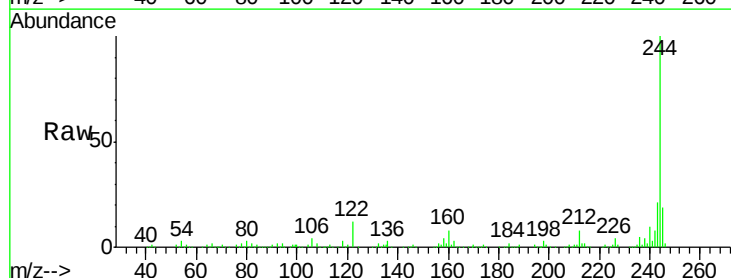
Tgt Ion:244 Resp: 304312

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

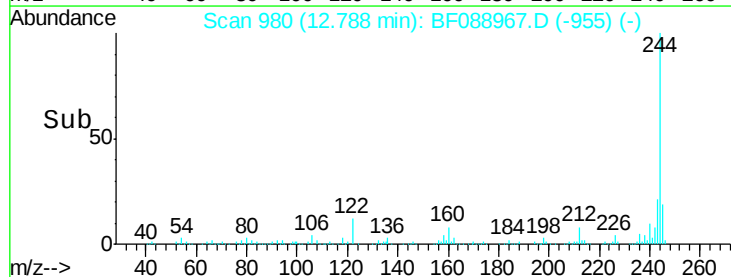
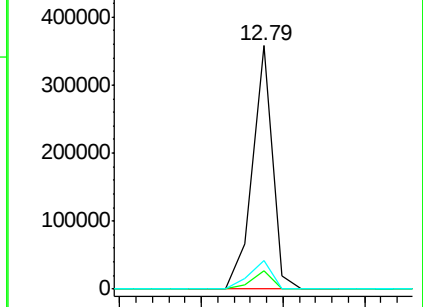
122 11.9 11.2 16.8

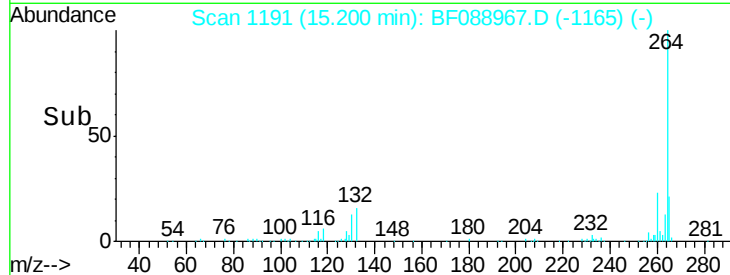
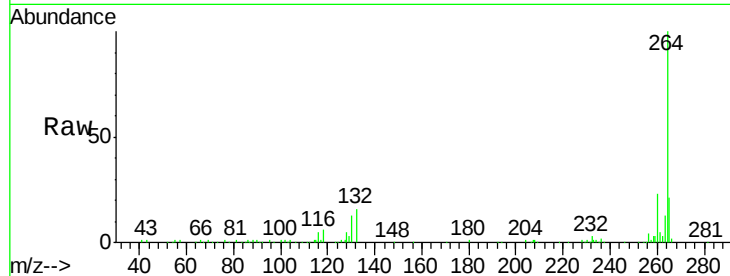
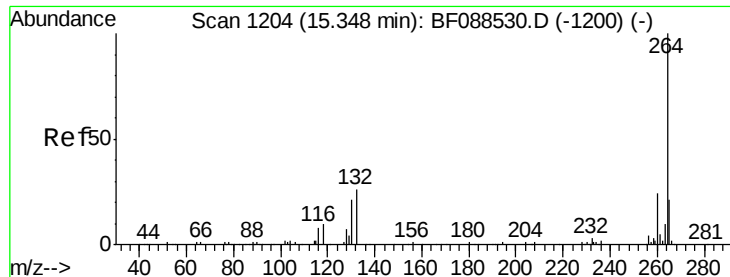


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF088967.D
Acq: 13 Jul 2016 19:40

Instrument :
BNA_F
ClientSampleId :
C4.2-5

Tot Ion:264	Resp:	131277
Ion Ratio	Lower	Upper
264	100	
260	22.9	19.2 28.8
265	21.4	16.9 25.3

