

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071316\
 Data File : BF088968.D
 Acq On : 13 Jul 2016 20:09
 Operator : UM/SJ
 Sample : H3981-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C4.1-03

Quant Time: Jul 14 01:41:56 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

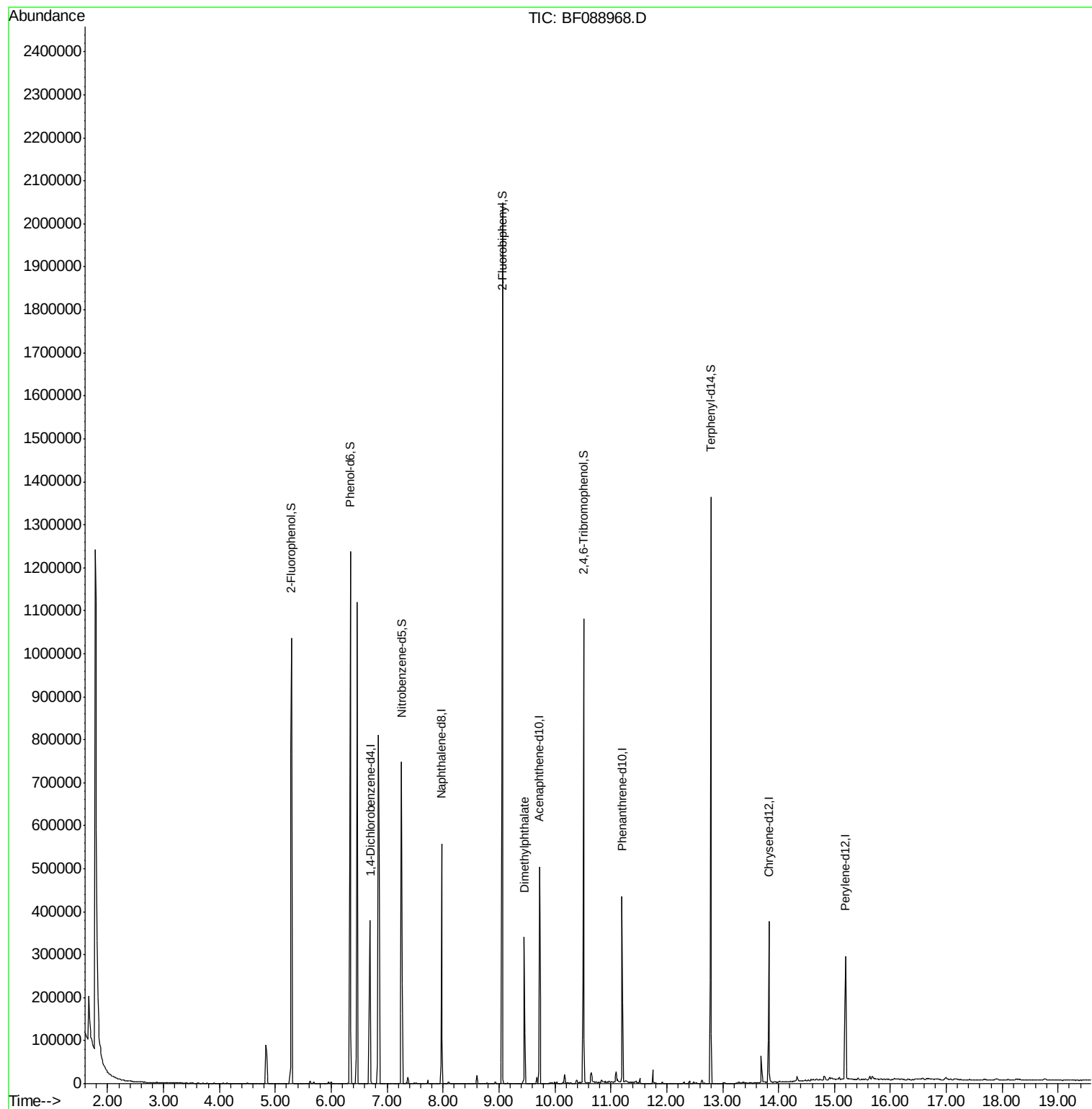
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	63956	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	238129	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	103510	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	170932	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	120076	20.00	ng	-0.01
86) Perylene-d12	15.20	264	128505	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	371470	87.05	ng	0.00
7) Phenol-d6	6.34	99	451038	81.80	ng	-0.01
23) Nitrobenzene-d5	7.26	82	278633	61.32	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	107777	112.13	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	643380	98.18	ng	0.00
78) Terphenyl-d14	12.79	244	375080	69.57	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.45	163	142690	19.35	ng	99

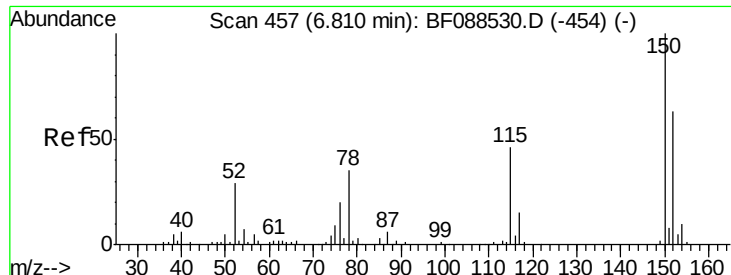
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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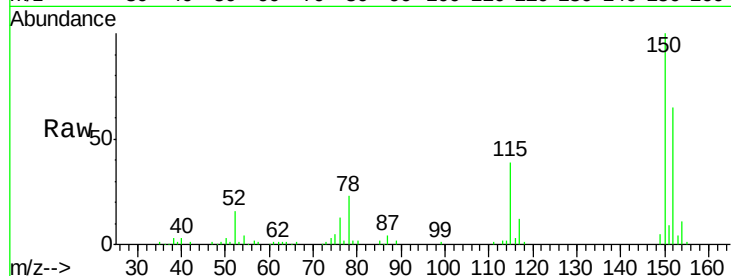


#1

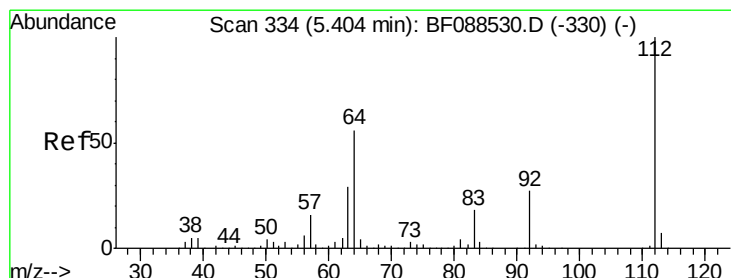
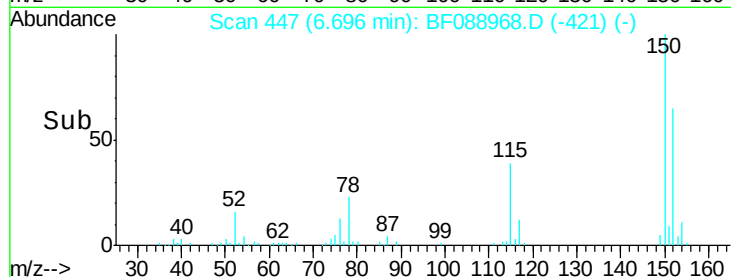
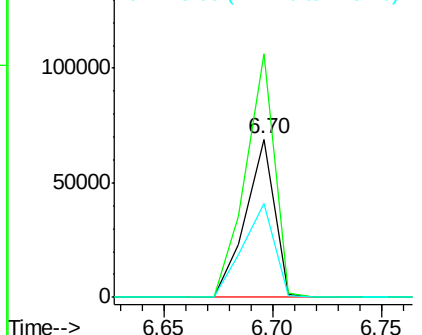
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF088968.D
Acq: 13 Jul 2016 20:09

Instrument :
BNA_F
ClientSampleId :
C4.1-03

Tot Ion:152 Resp: 63956
Ion Ratio Lower Upper
152 100
150 153.7 123.8 185.6
115 59.6 39.6 59.4#



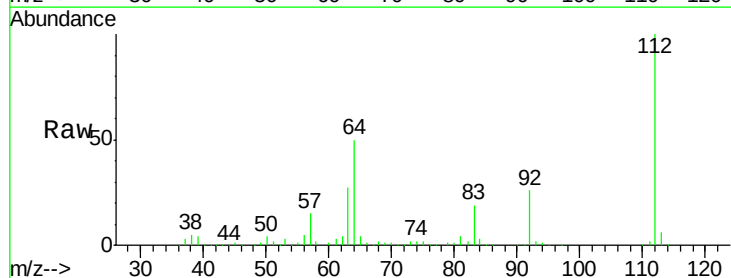
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



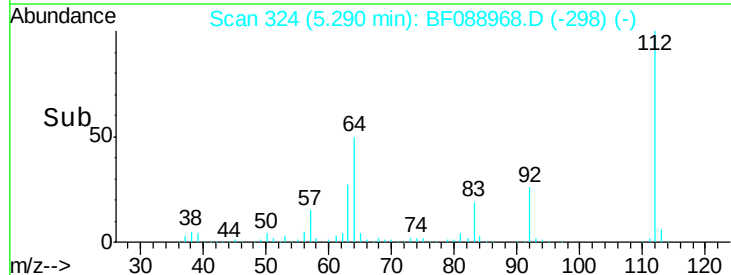
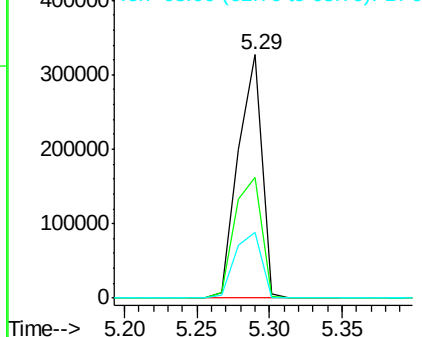
#5

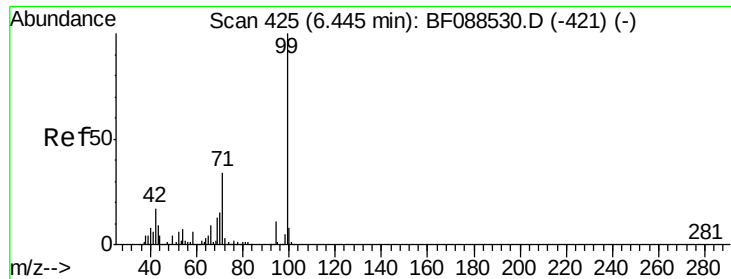
2-Fluorophenol
Concen: 87.05 ng
RT: 5.29 min Scan# 324
Delta R.T. -0.00 min
Lab File: BF088968.D
Acq: 13 Jul 2016 20:09

Tgt Ion:112 Resp: 371470
Ion Ratio Lower Upper
112 100
64 49.7 42.2 63.2
63 26.8 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: 81.80 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF088968.D

Acq: 13 Jul 2016 20:09

Instrument :

BNA_F

ClientSampled :

C4.1-03

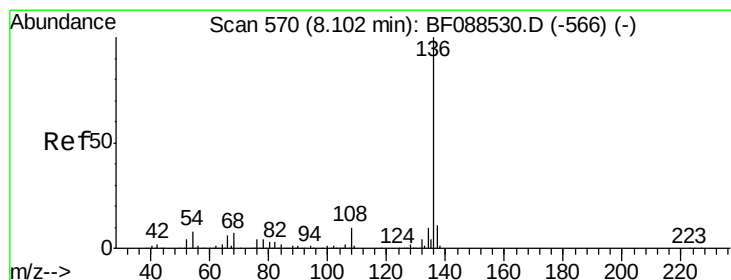
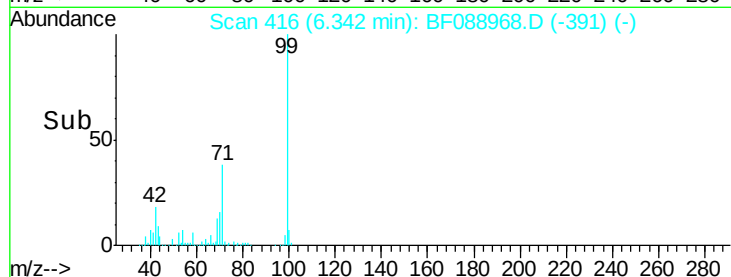
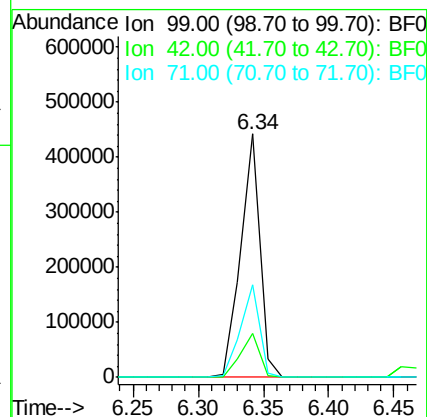
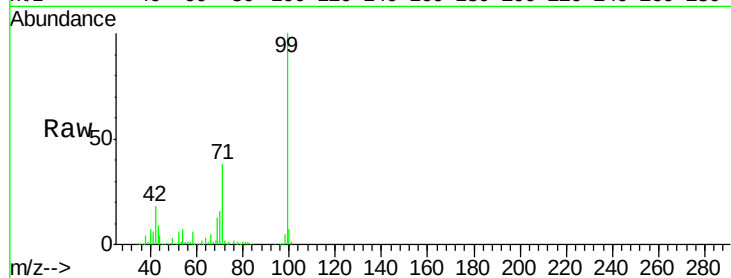
Tot Ion: 99 Resp: 451038

Ion Ratio Lower Upper

99 100

42 18.1 12.2 18.2

71 38.2 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: BF088968.D

Acq: 13 Jul 2016 20:09

Tgt Ion: 136 Resp: 238129

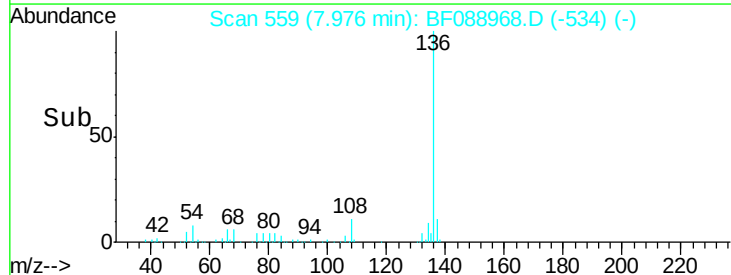
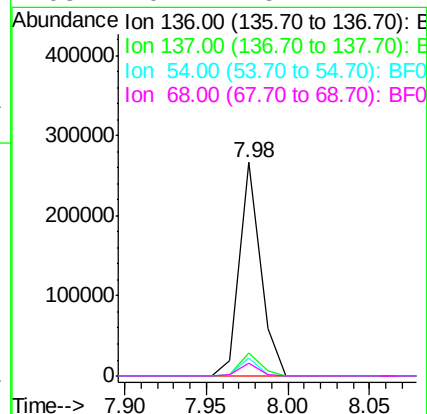
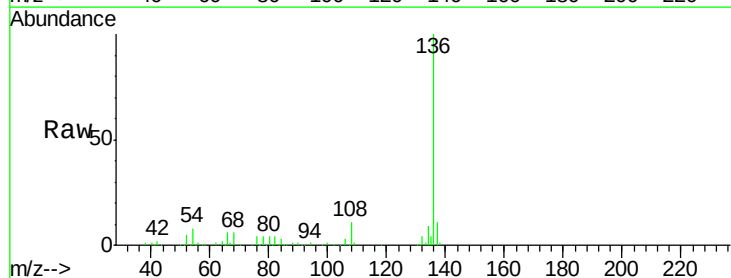
Ion Ratio Lower Upper

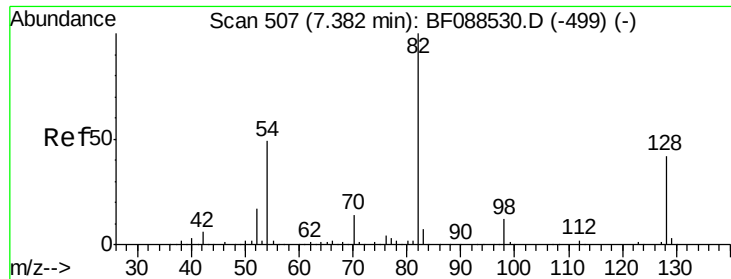
136 100

137 11.1 9.1 13.7

54 8.4 6.6 10.0

68 6.2 5.1 7.7

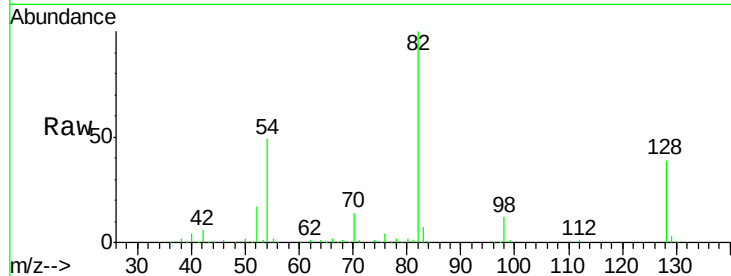




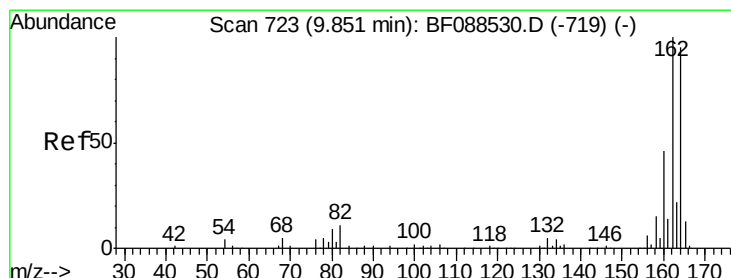
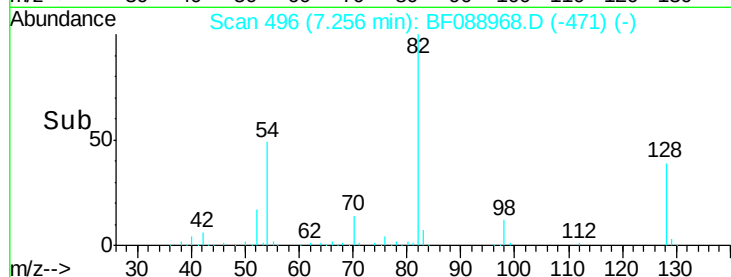
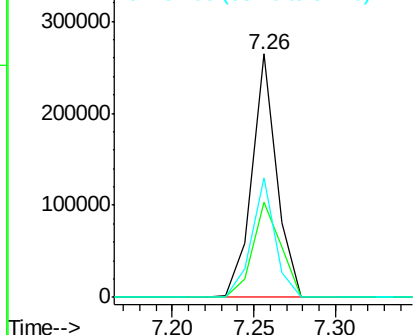
#23
 Nitrobenzene-d5
 Concen: 61.32 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.01 min
 Lab File: BF088968.D
 Acq: 13 Jul 2016 20:09

Instrument :
 BNA_F
 ClientSampled :
 C4.1-03

Tot Ion	82	Resp	278633
Ion Ratio	Lower	Upper	
82	100		
128	39.0	35.9	53.9
54	49.1	40.9	61.3

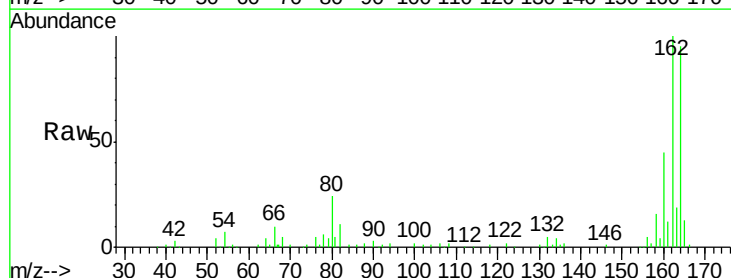


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

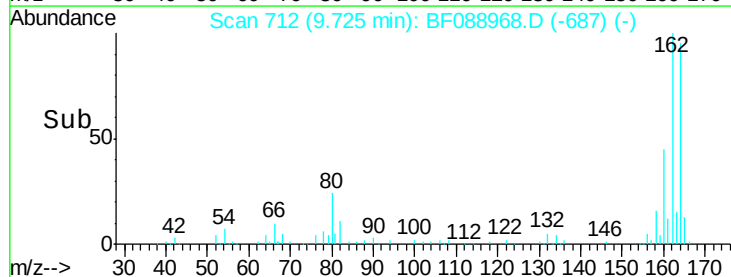
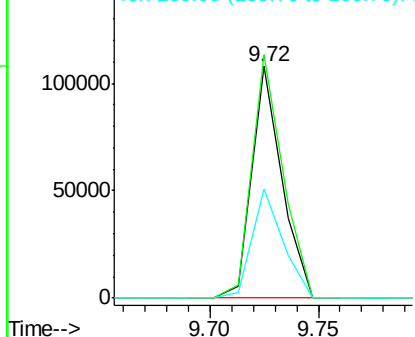


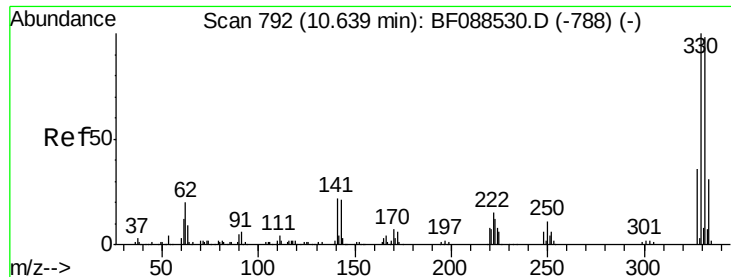
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: BF088968.D
 Acq: 13 Jul 2016 20:09

Tgt Ion	164	Resp	103510
Ion Ratio	Lower	Upper	
164	100		
162	105.1	85.4	128.2
160	47.1	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

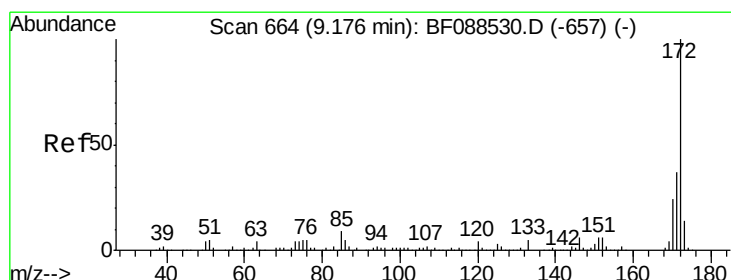
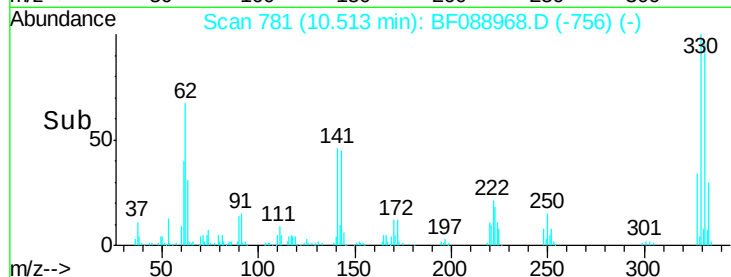
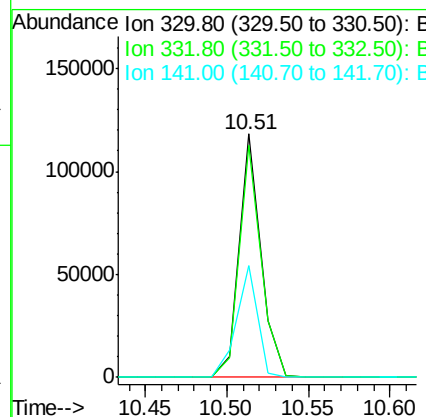
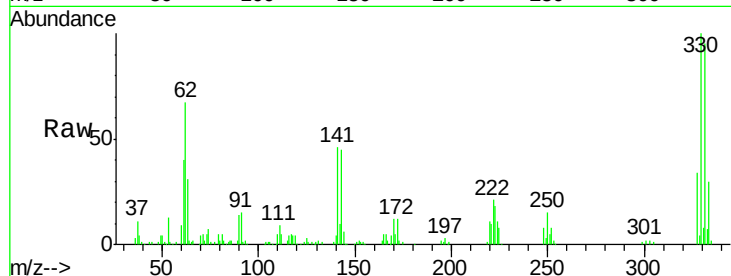




#41
 2,4,6-Tribromophenol
 Concen: 112.13 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF088968.D
 Acq: 13 Jul 2016 20:09

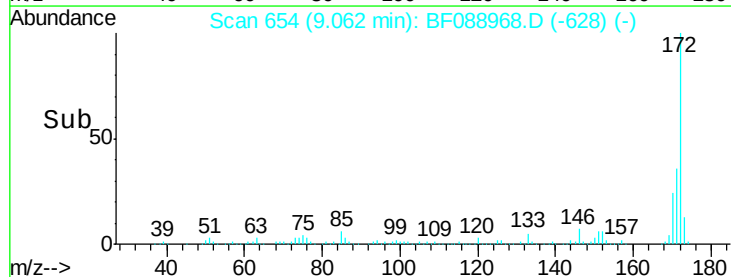
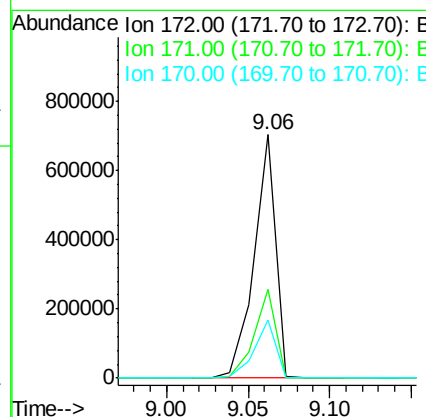
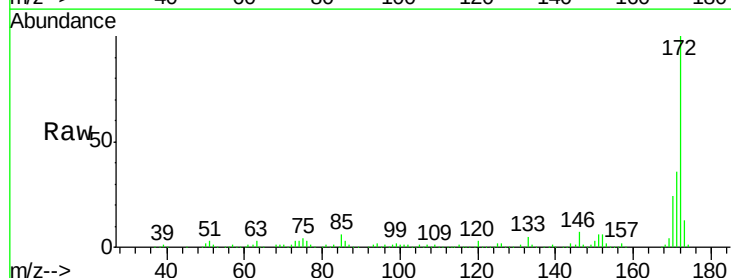
Instrument :
 BNA_F
 ClientSampleId :
 C4.1-03

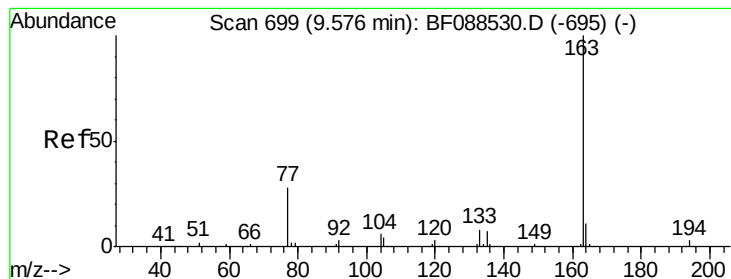
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	0.0	0.0#
141	44.2	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 98.18 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.00 min
 Lab File: BF088968.D
 Acq: 13 Jul 2016 20:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	24.0	19.2	28.8





#49

Dimethylphthalate

Concen: 19.35 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.02 min

Lab File: BF088968.D

Acq: 13 Jul 2016 20:09

Instrument :

BNA_F

ClientSampleId :

C4.1-03

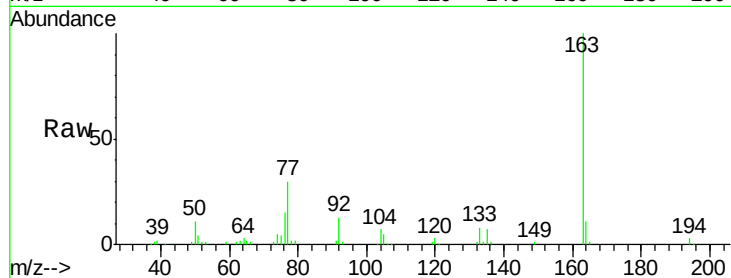
Tot Ion:163 Resp: 142690

Ion Ratio Lower Upper

163 100

194 3.0 2.8 4.2

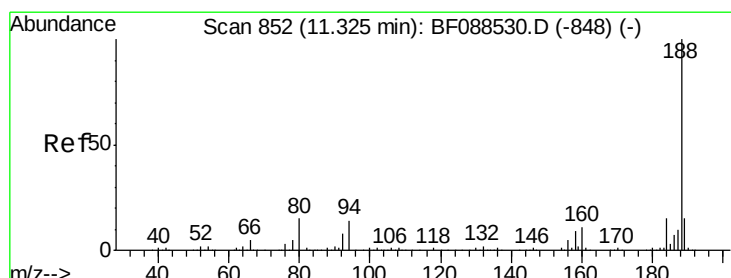
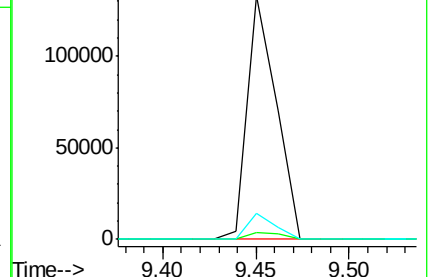
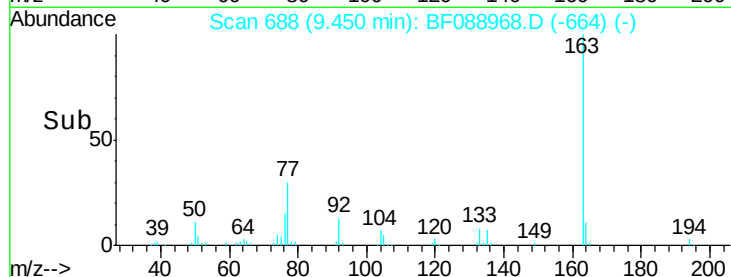
164 10.8 8.3 12.5



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: BF088968.D

Acq: 13 Jul 2016 20:09

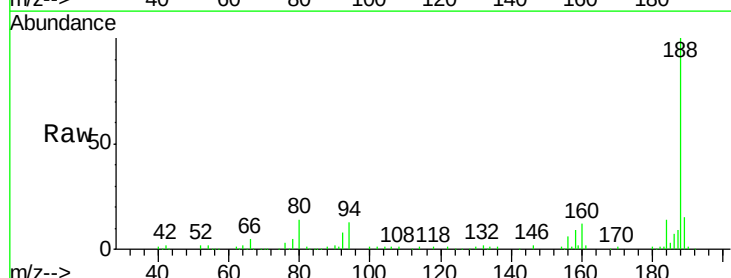
Tgt Ion:188 Resp: 170932

Ion Ratio Lower Upper

188 100

94 12.6 9.0 13.6

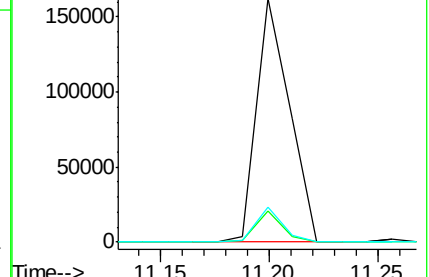
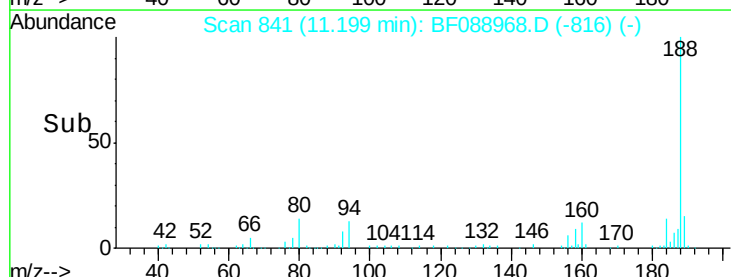
80 14.3 10.0 15.0

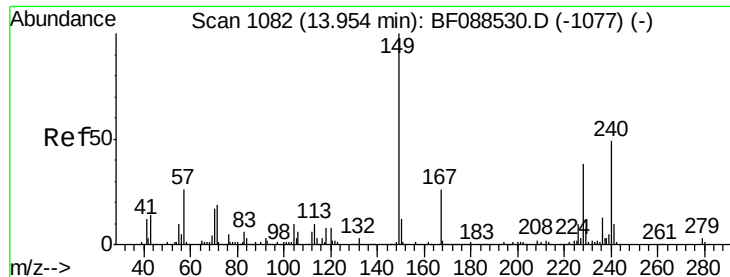


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.83 min Scan# 1071

Delta R.T. -0.01 min

Lab File: BF088968.D

Acq: 13 Jul 2016 20:09

Instrument :

BNA_F

ClientSampleId :

C4.1-03

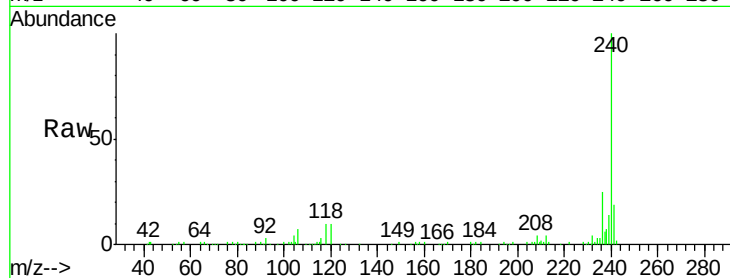
Tot Ion:240 Resp: 120076

Ion Ratio Lower Upper

240 100

120 10.0 6.8 10.2

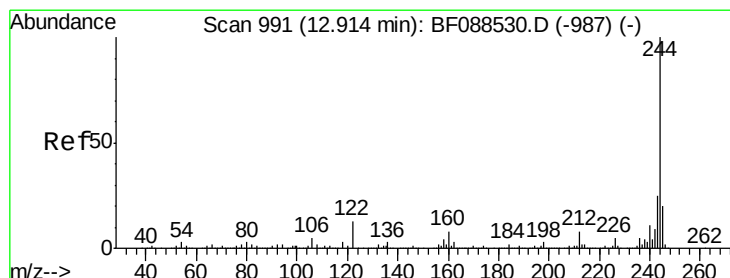
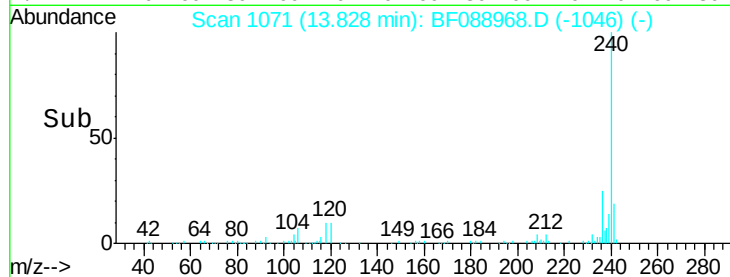
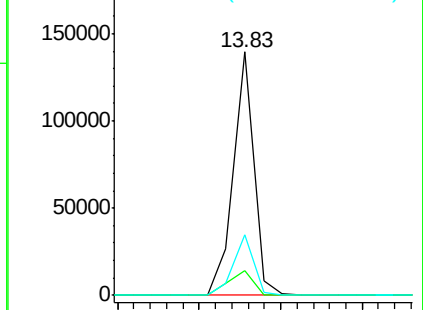
236 24.9 20.2 30.2



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: 69.57 ng

RT: 12.79 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF088968.D

Acq: 13 Jul 2016 20:09

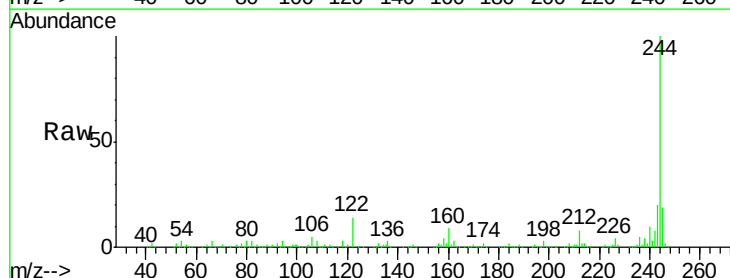
Tgt Ion:244 Resp: 375080

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

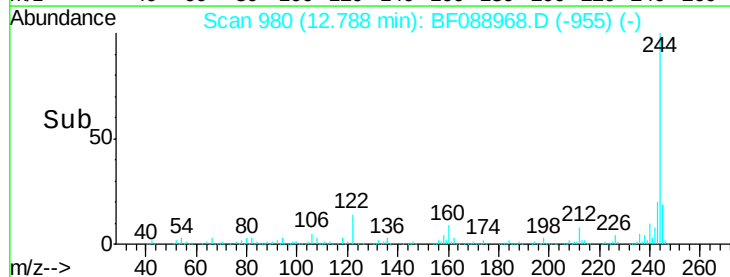
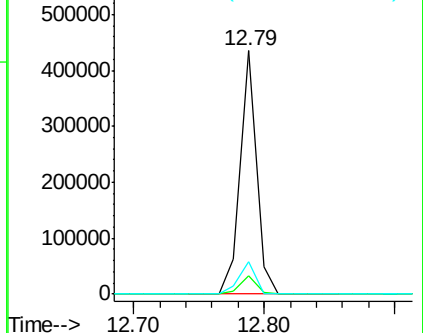
122 13.5 11.2 16.8

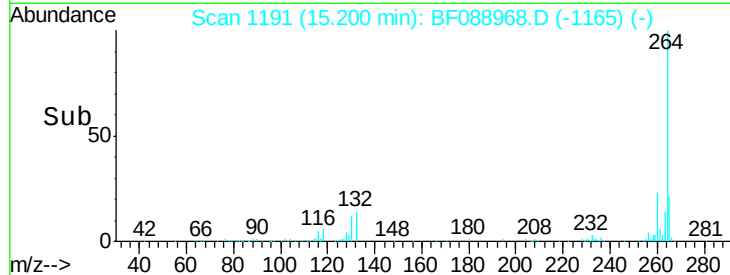
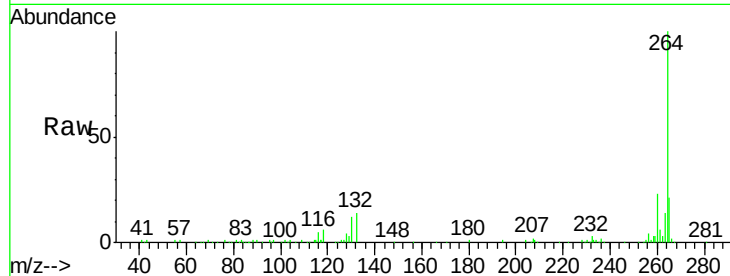
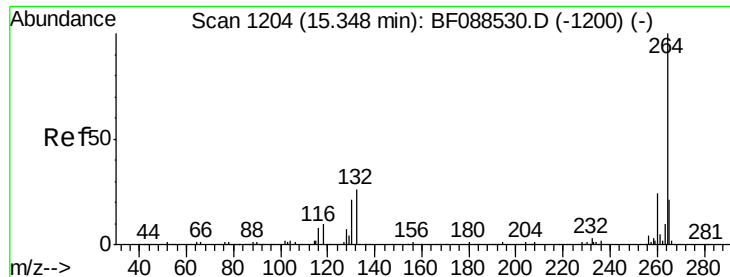


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF088968.D
Acq: 13 Jul 2016 20:09

Instrument :
BNA_F
ClientSampleId :
C4.1-03

Tot Ion:264	Resp:	128505
Ion Ratio	Lower	Upper
264	100	
260	23.2	19.2 28.8
265	20.8	16.9 25.3

