

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070716\
 Data File : BF088808.D
 Acq On : 8 Jul 2016 5:56
 Operator : UM/SJ
 Sample : H3897-06
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Quant Time: Jul 08 07:04:09 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 01:56:42 2016
 Response via : Initial Calibration

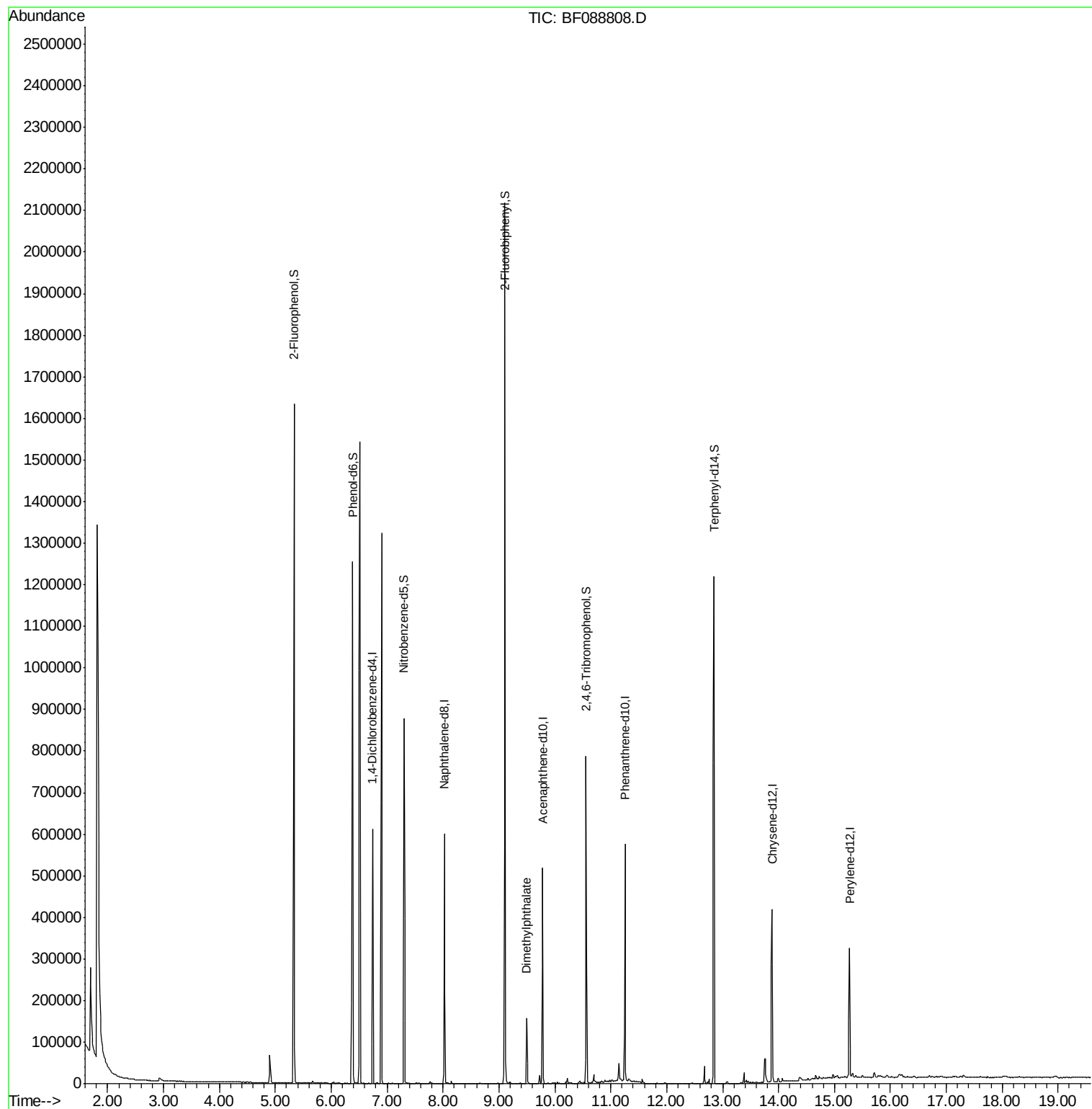
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	82994	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	289685	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	118746	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	193490	20.00	ng	0.00
75) Chrysene-d12	13.89	240	174868	20.00	ng	0.00
86) Perylene-d12	15.27	264	131600	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	457881	82.68	ng	0.01
7) Phenol-d6	6.39	99	666189	93.10	ng	0.00
23) Nitrobenzene-d5	7.30	82	351470	63.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	92264	83.67	ng	-0.01
44) 2-Fluorobiphenyl	9.11	172	636674	84.69	ng	0.00
78) Terphenyl-d14	12.85	244	459553	58.53	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.50	163	66022	7.80	ng	Qvalue 99

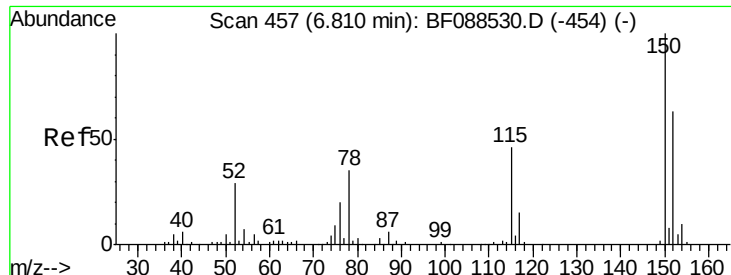
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 451

Delta R.T. 0.00 min

Lab File: BF088808.D

Acq: 8 Jul 2016 5:56

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

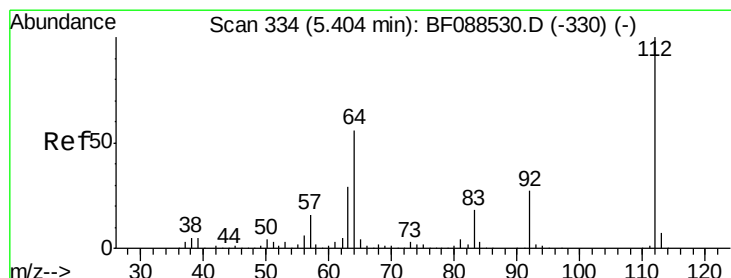
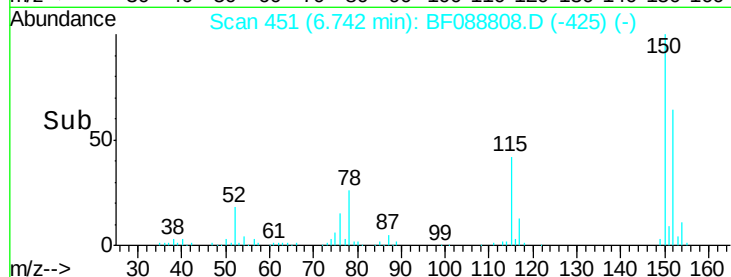
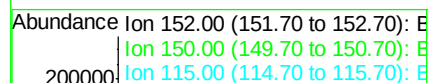
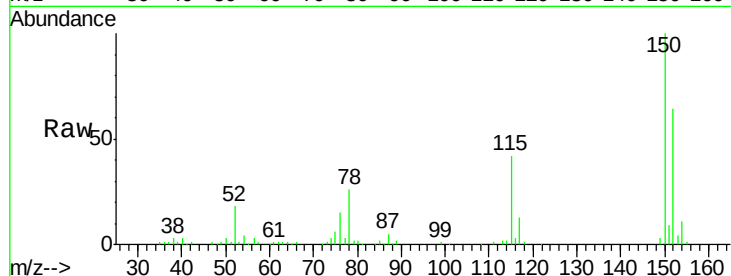
Tot Ion:152 Resp: 82994

Ion Ratio Lower Upper

152 100

150 155.4 123.8 185.6

115 65.0 39.6 59.4#



#5

2-Fluorophenol

Concen: 82.68 ng

RT: 5.34 min Scan# 328

Delta R.T. 0.01 min

Lab File: BF088808.D

Acq: 8 Jul 2016 5:56

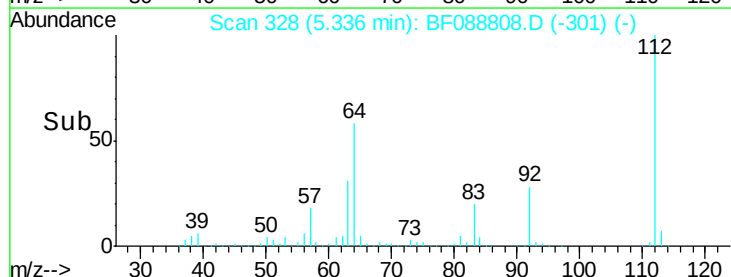
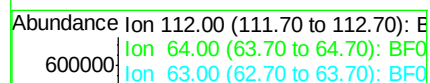
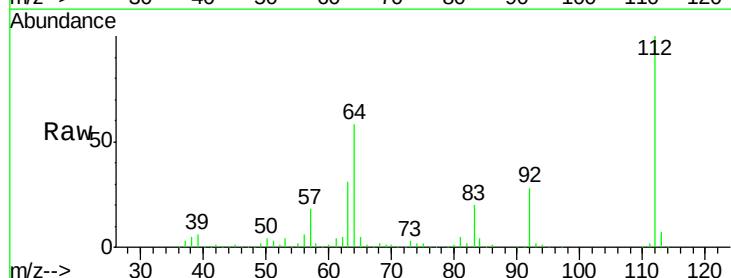
Tgt Ion:112 Resp: 457881

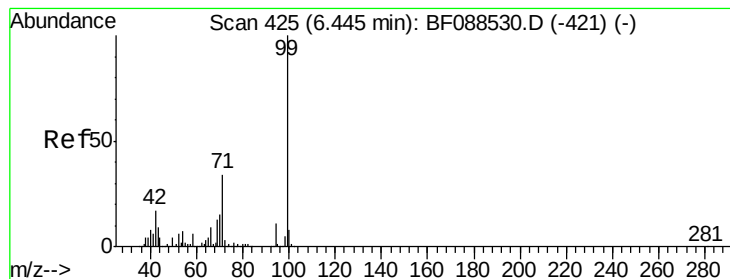
Ion Ratio Lower Upper

112 100

64 58.4 42.2 63.2

63 30.8 21.8 32.8





#7

Phenol-d6

Concen: 93.10 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF088808.D

Acq: 8 Jul 2016 5:56

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

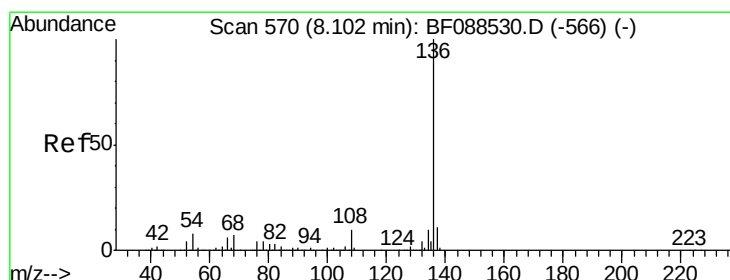
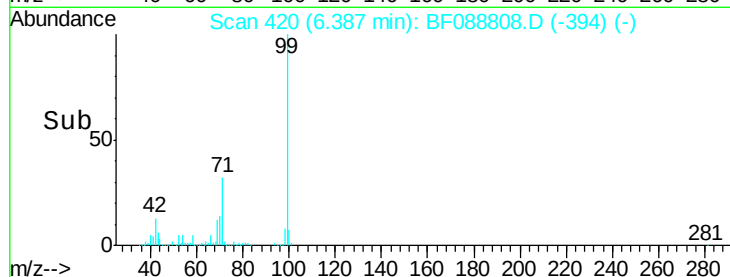
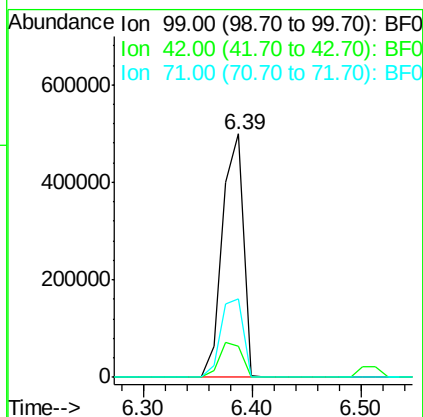
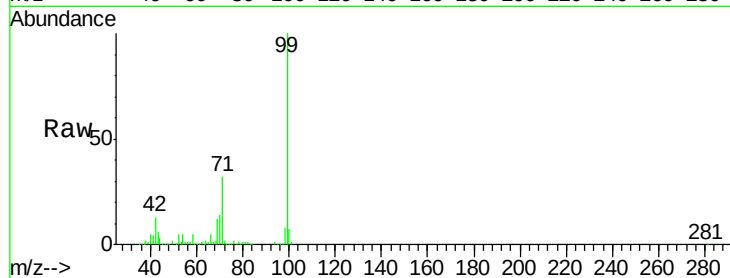
Tot Ion: 99 Resp: 666189

Ion Ratio Lower Upper

99 100

42 12.7 12.2 18.2

71 32.0 23.4 35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 563

Delta R.T. -0.01 min

Lab File: BF088808.D

Acq: 8 Jul 2016 5:56

Tgt Ion: 136 Resp: 289685

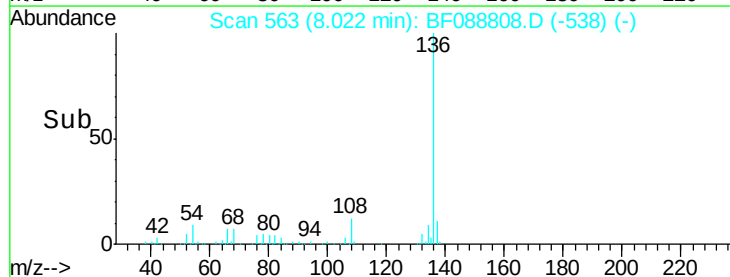
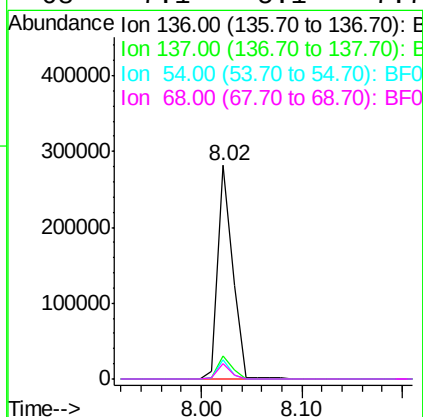
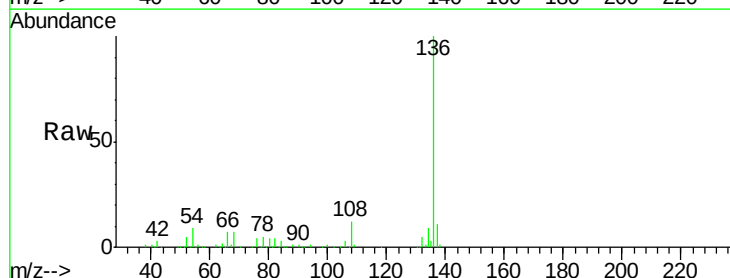
Ion Ratio Lower Upper

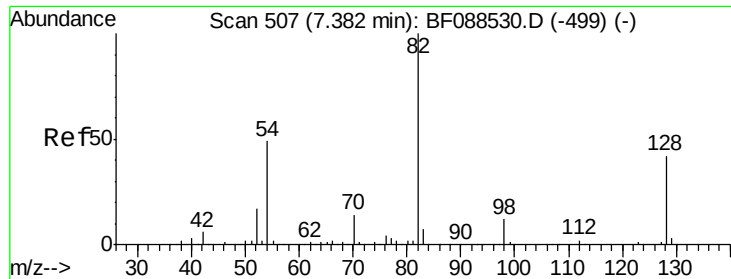
136 100

137 11.0 9.1 13.7

54 9.2 6.6 10.0

68 7.1 5.1 7.7

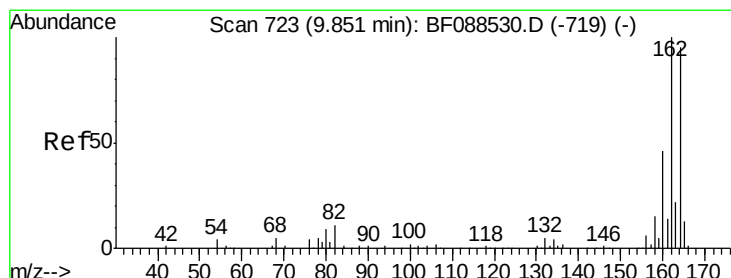
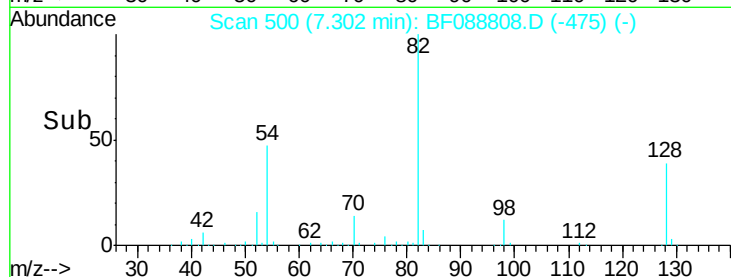
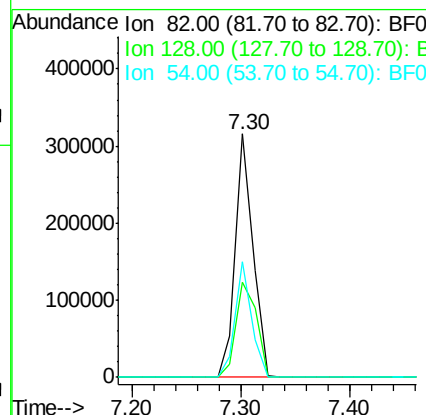
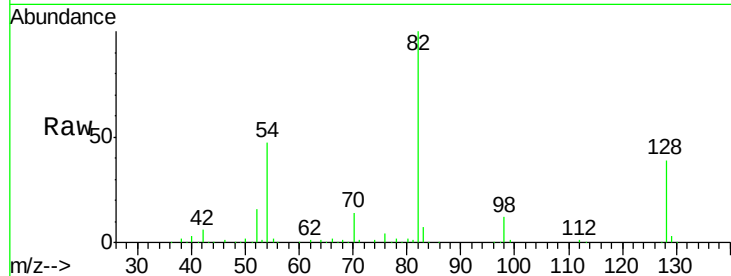




#23
 Nitrobenzene-d5
 Concen: 63.58 ng
 RT: 7.30 min Scan# 500
 Delta R.T. -0.01 min
 Lab File: BF088808.D
 Acq: 8 Jul 2016 5:56

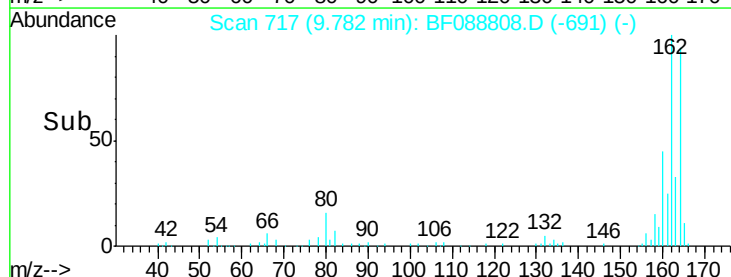
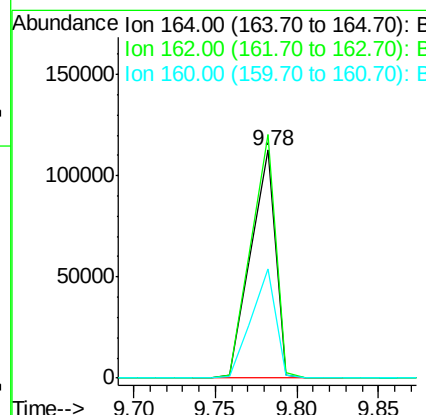
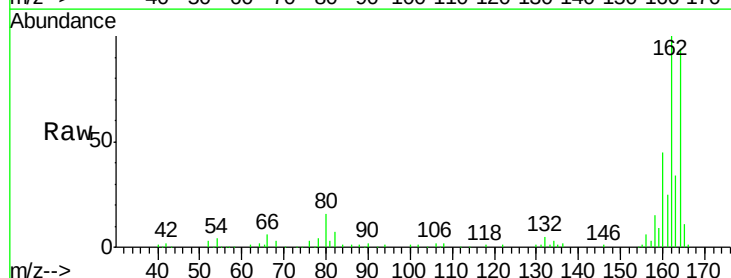
Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

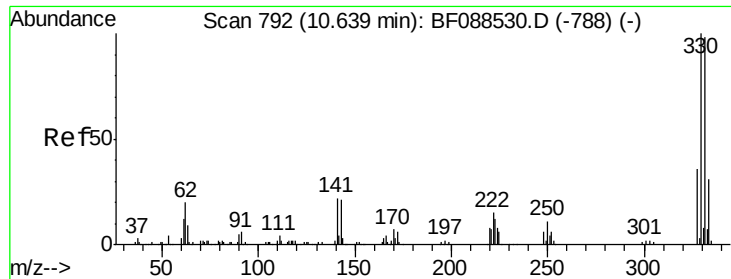
Tot Ion	82	Resp	351470
Ion Ratio	Lower	Upper	
82	100		
128	38.9	35.9	53.9
54	47.5	40.9	61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 717
 Delta R.T. 0.00 min
 Lab File: BF088808.D
 Acq: 8 Jul 2016 5:56

Tgt Ion	164	Resp	118746
Ion Ratio	Lower	Upper	
164	100		
162	106.8	85.4	128.2
160	48.0	39.5	59.3

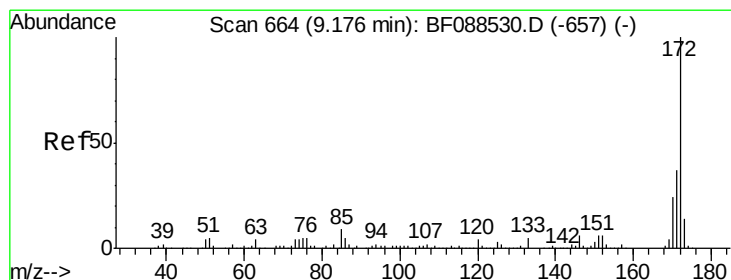
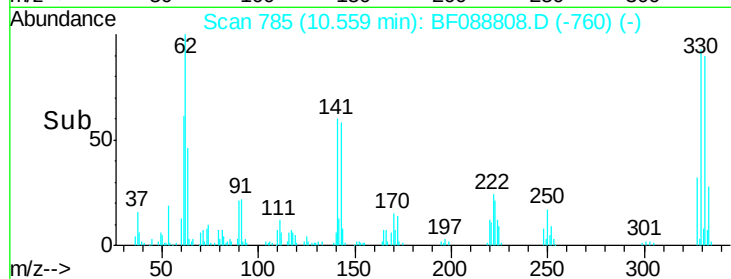
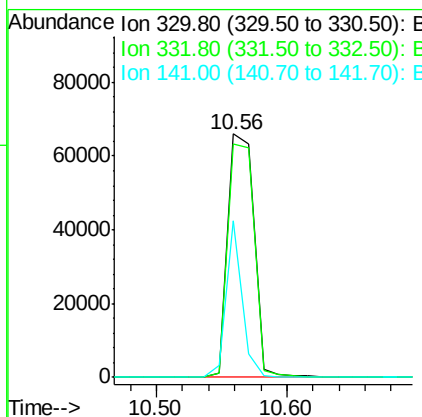
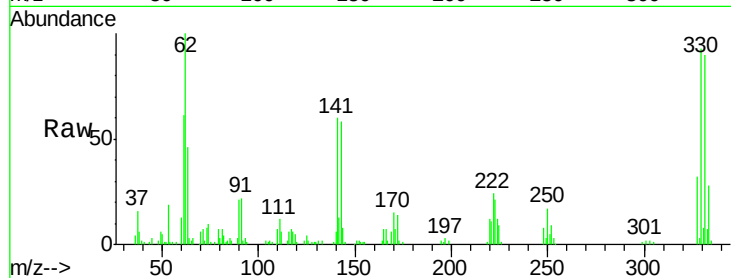




#41
 2,4,6-Tribromophenol
 Concen: 83.67 ng
 RT: 10.56 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF088808.D
 Acq: 8 Jul 2016 5:56

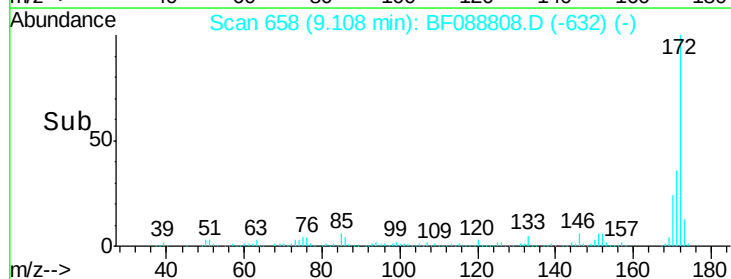
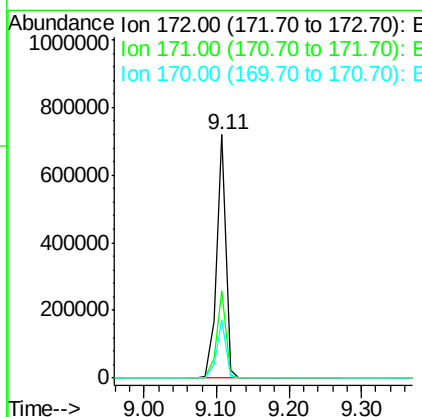
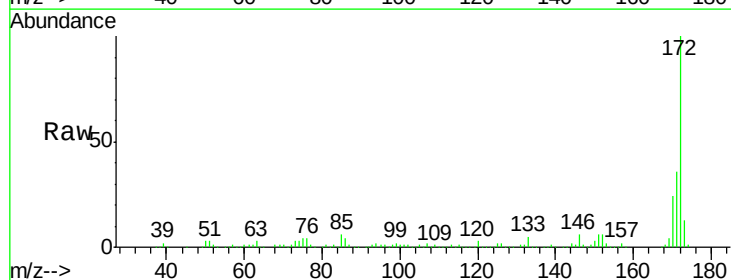
Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

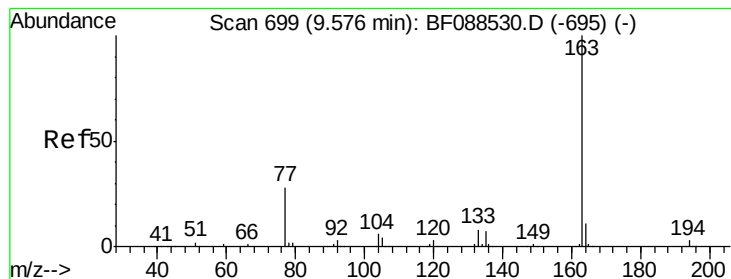
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	38.9	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 84.69 ng
 RT: 9.11 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: BF088808.D
 Acq: 8 Jul 2016 5:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	23.7	19.2	28.8





#49

Dimethylphthalate

Concen: 7.80 ng

RT: 9.50 min Scan# 692

Delta R.T. -0.02 min

Lab File: BF088808.D

Acq: 8 Jul 2016 5:56

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

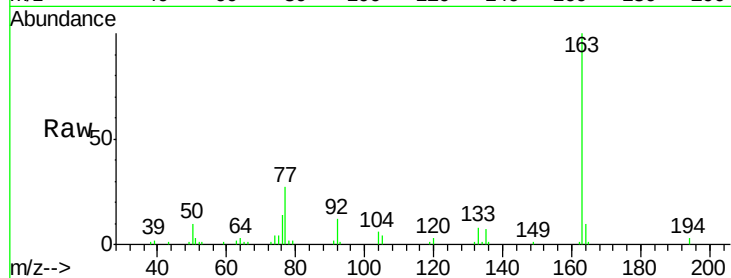
Tot Ion:163 Resp: 66022

Ion Ratio Lower Upper

163 100

194 2.9 2.8 4.2

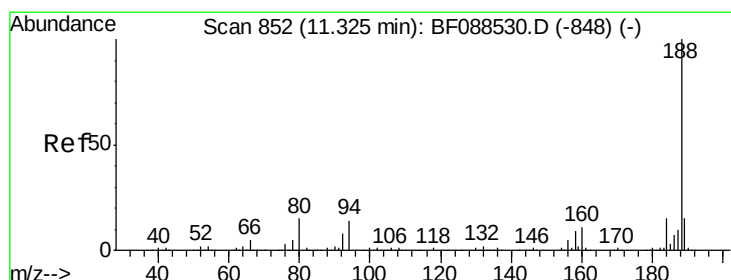
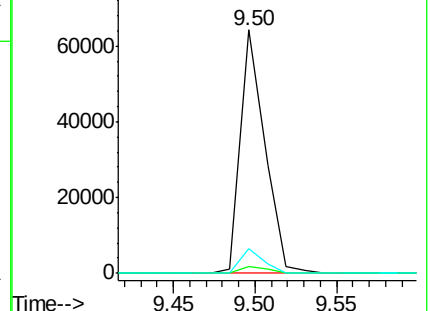
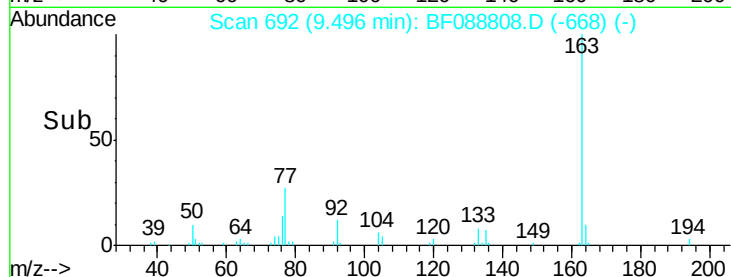
164 10.0 8.3 12.5



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: BF088808.D

Acq: 8 Jul 2016 5:56

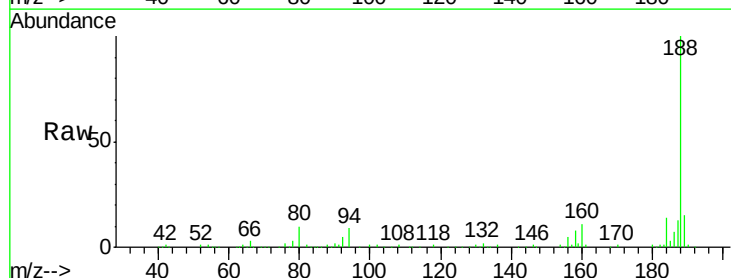
Tgt Ion:188 Resp: 193490

Ion Ratio Lower Upper

188 100

94 9.2 9.0 13.6

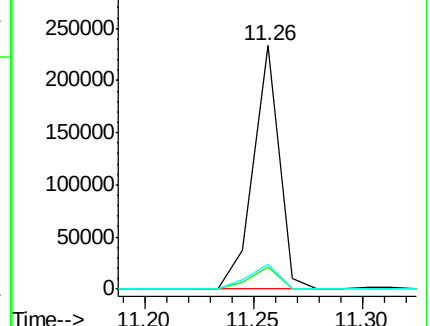
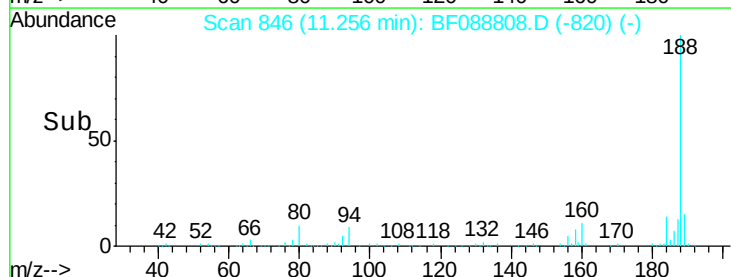
80 10.0 10.0 15.0#

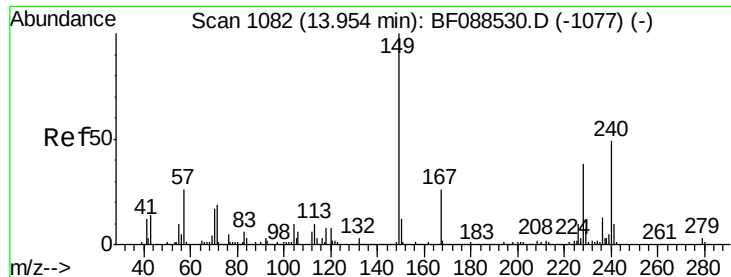


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.89 min Scan# 1076

Delta R.T. 0.00 min

Lab File: BF088808.D

Acq: 8 Jul 2016 5:56

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

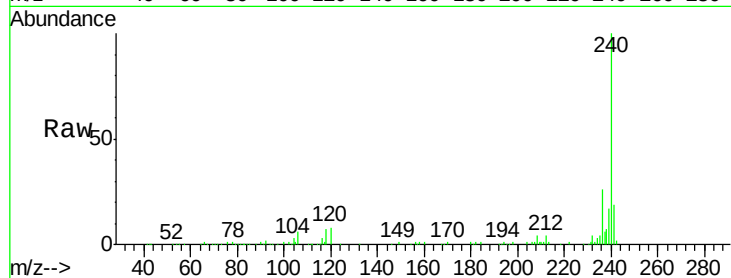
Tot Ion:240 Resp: 174868

Ion Ratio Lower Upper

240 100

120 8.2 6.8 10.2

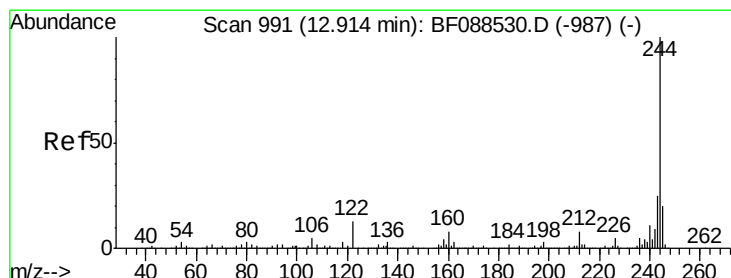
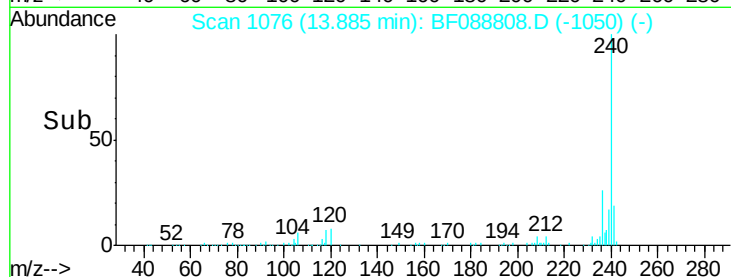
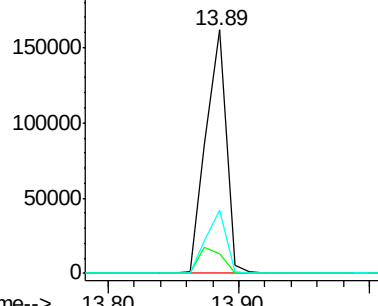
236 25.8 20.2 30.2



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: 58.53 ng

RT: 12.85 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF088808.D

Acq: 8 Jul 2016 5:56

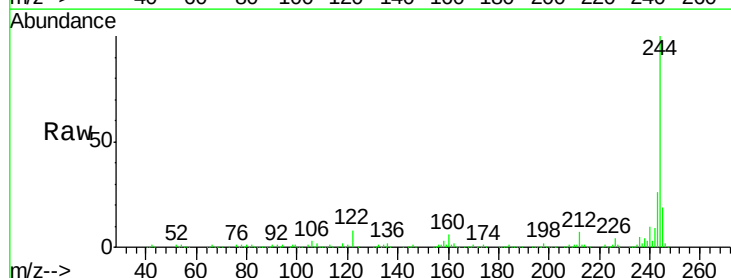
Tgt Ion:244 Resp: 459553

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

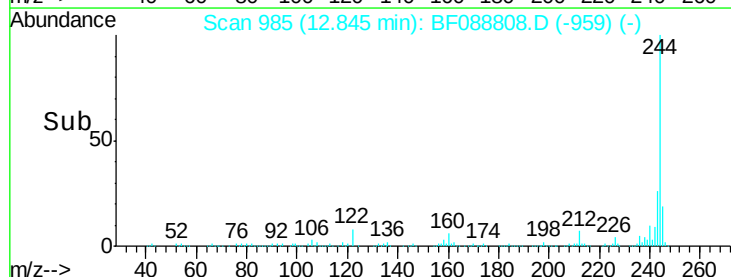
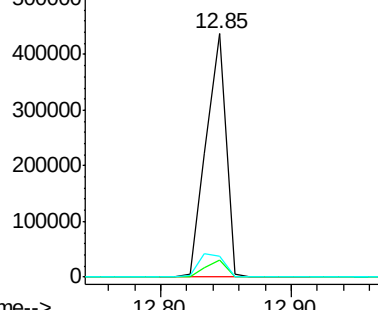
122 8.5 11.2 16.8#

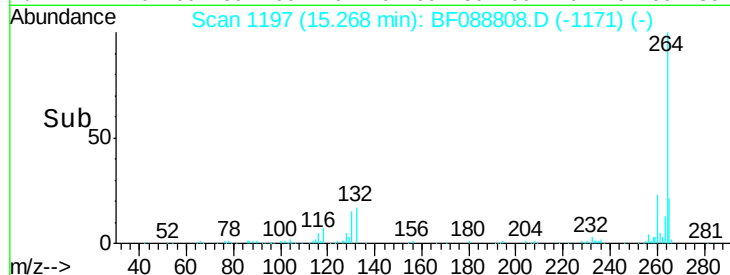
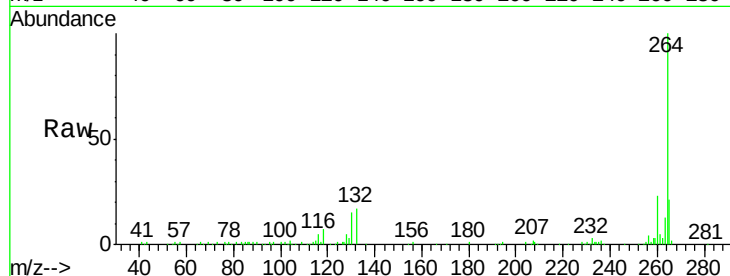
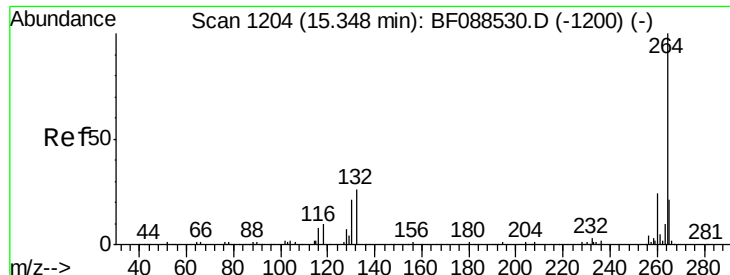


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.27 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BF088808.D
Acq: 8 Jul 2016 5:56

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tot Ion:	264	Resp:	131600
Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.3	16.9	25.3

