

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061616\
 Data File : BF088080.D
 Acq On : 16 Jun 2016 17:22
 Operator : UM/SJ
 Sample : H3570-18
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-20-COMP

Quant Time: Jun 16 18:28:35 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 16 14:54:54 2016
 Response via : Initial Calibration

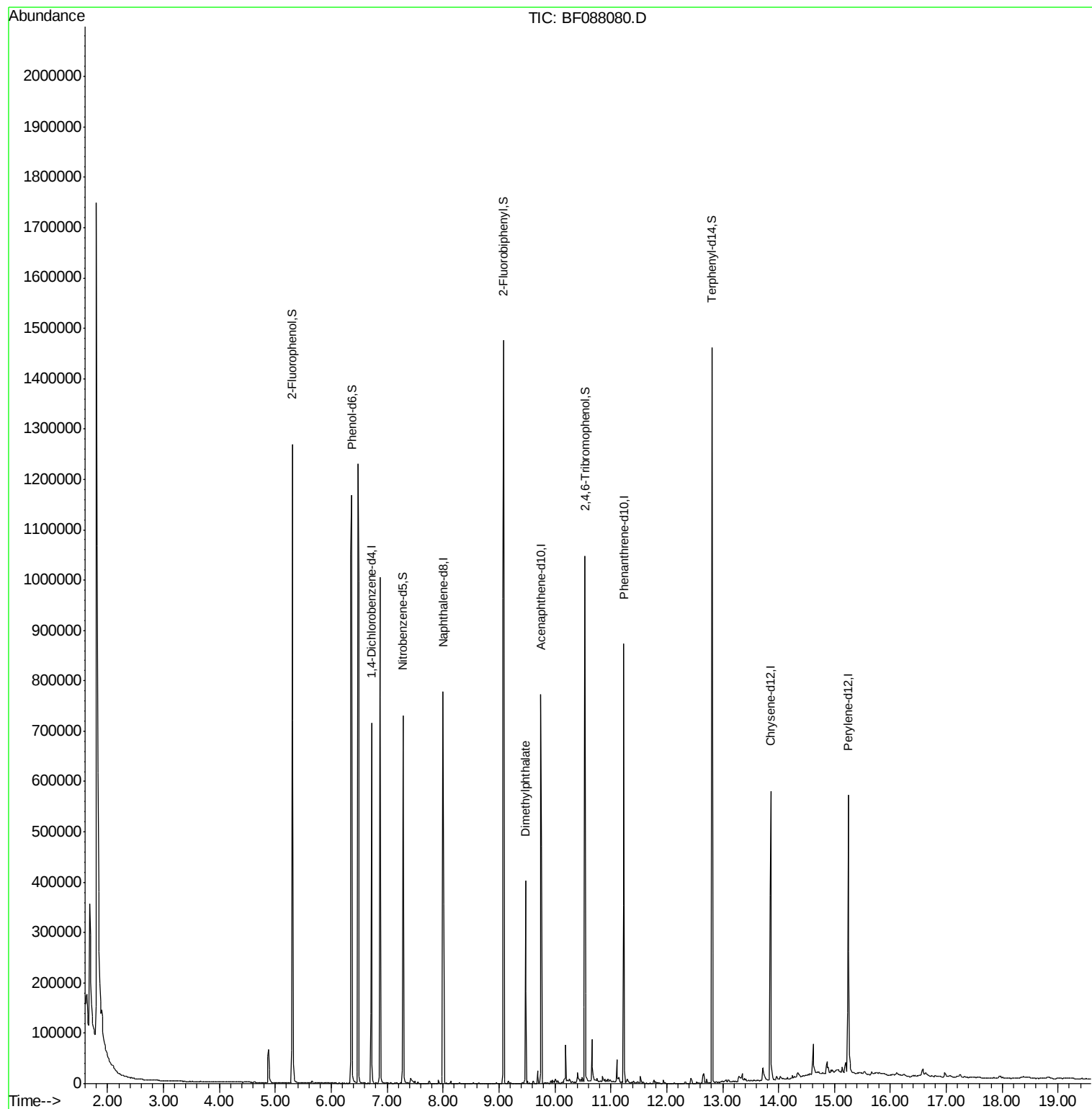
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	111462	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	412093	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	186241	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	347643	20.00	ng	0.00
75) Chrysene-d12	13.86	240	235213	20.00	ng	0.00
86) Perylene-d12	15.25	264	236955	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	469912	72.07	ng	0.00
7) Phenol-d6	6.36	99	646234	81.78	ng	0.00
23) Nitrobenzene-d5	7.28	82	351297	49.78	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	113375	57.65	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	608843	49.01	ng	0.00
78) Terphenyl-d14	12.81	244	427140	41.32	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.47	163	193363	14.33	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: 6.72 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF088080.D

Acq: 16 Jun 2016 17:22

Instrument :

BNA_F

ClientSampleId :

SB-20-COMP

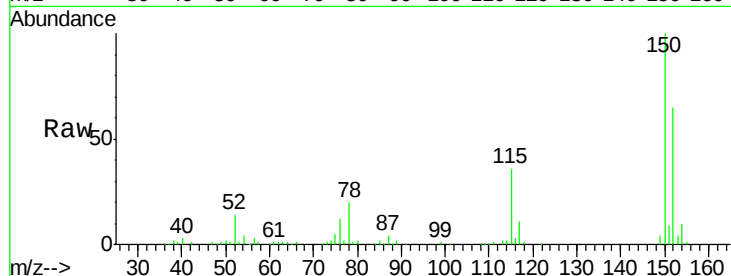
Tot Ion:152 Resp: 111462

Ion Ratio Lower Upper

152 100

150 153.7 123.8 185.6

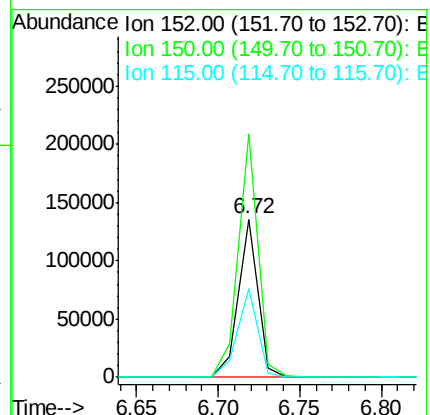
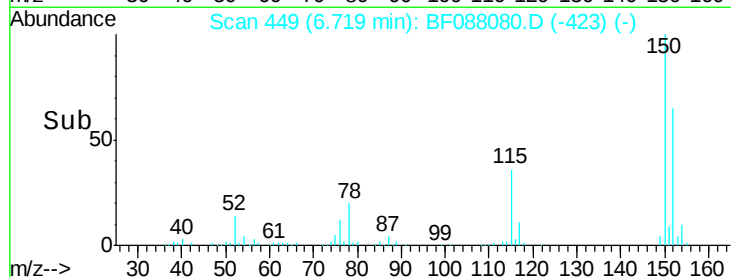
115 55.7 39.6 59.4



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: 72.07 ng

RT: 5.30 min Scan# 325

Delta R.T. 0.00 min

Lab File: BF088080.D

Acq: 16 Jun 2016 17:22

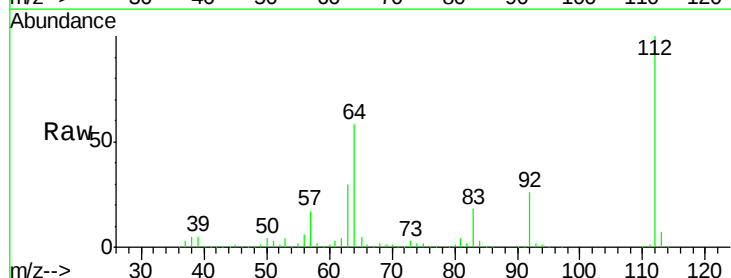
Tgt Ion:112 Resp: 469912

Ion Ratio Lower Upper

112 100

64 58.2 42.2 63.2

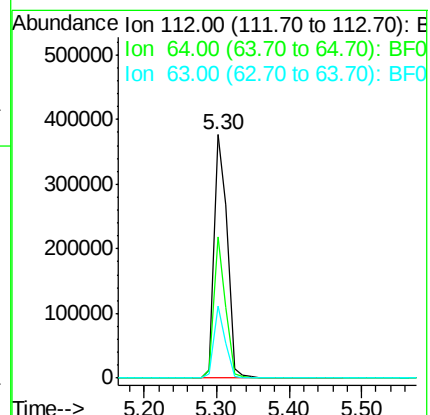
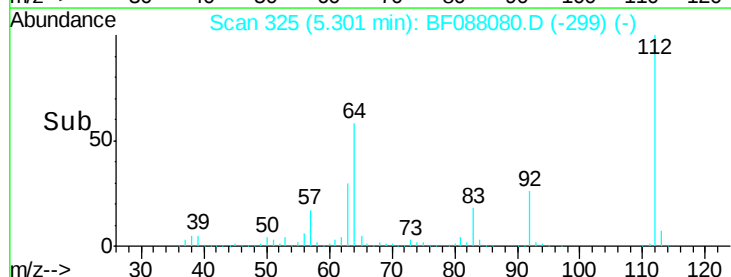
63 29.5 21.8 32.8



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: 81.78 ng

RT: 6.36 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF088080.D

Acq: 16 Jun 2016 17:22

Instrument :

BNA_F

ClientSampleId :

SB-20-COMP

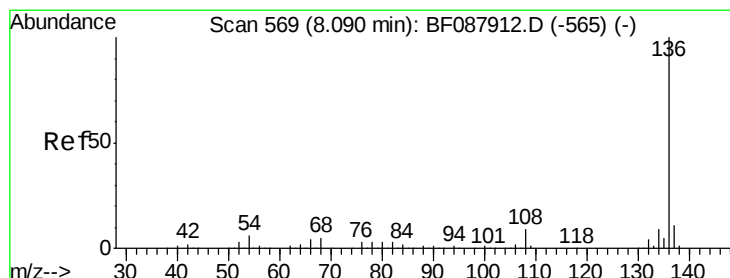
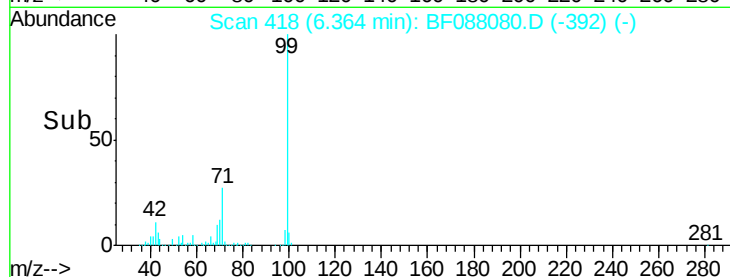
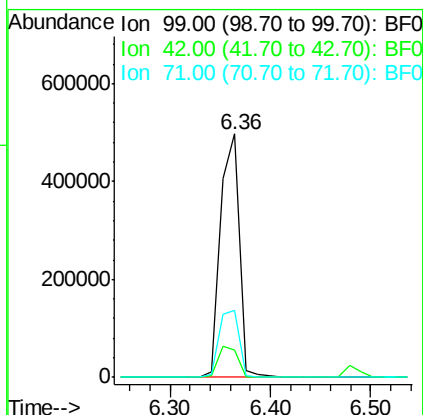
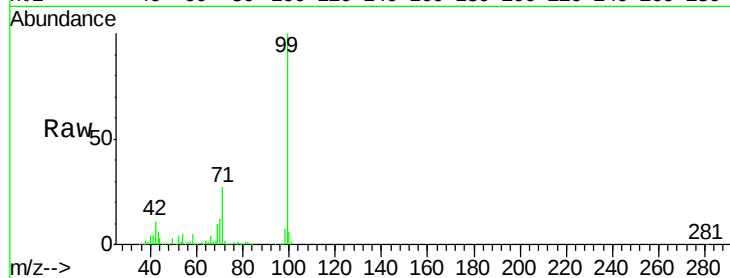
Tot Ion: 99 Resp: 646234

Ion Ratio Lower Upper

99 100

42 11.5 12.2 18.2#

71 27.3 23.4 35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 561

Delta R.T. -0.01 min

Lab File: BF088080.D

Acq: 16 Jun 2016 17:22

Tgt Ion: 136 Resp: 412093

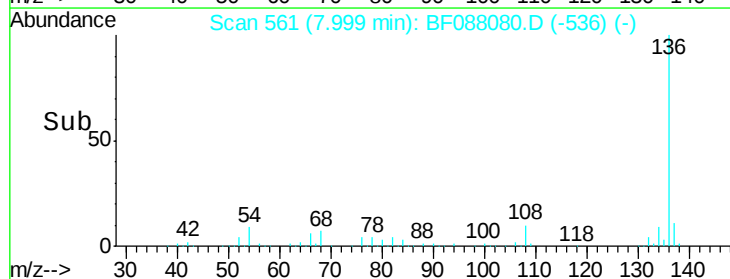
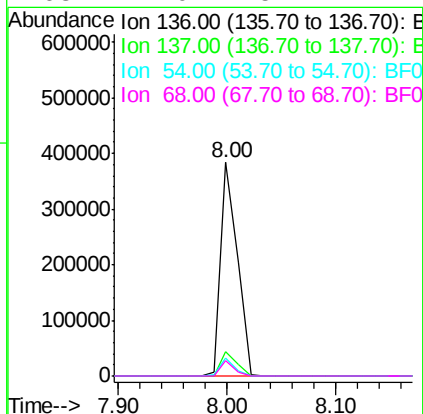
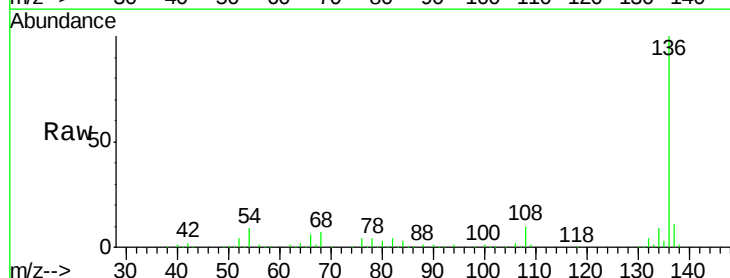
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 8.6 6.6 10.0

68 7.0 5.1 7.7

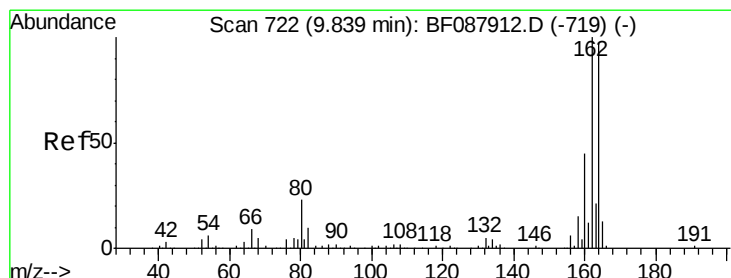
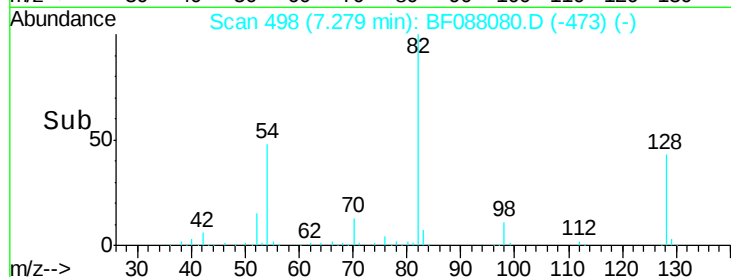
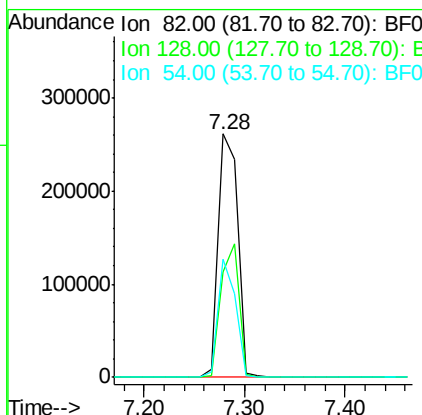
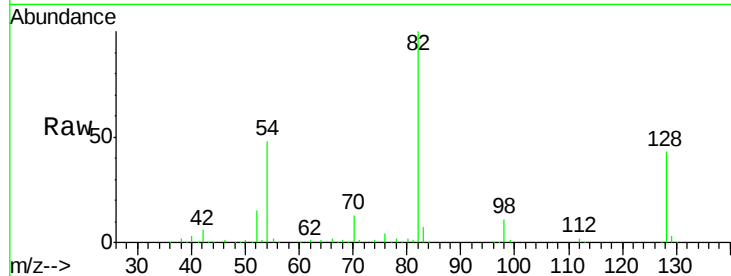




#23
 Nitrobenzene-d5
 Concen: 49.78 ng
 RT: 7.28 min Scan# 498
 Delta R.T. -0.01 min
 Lab File: BF088080.D
 Acq: 16 Jun 2016 17:22

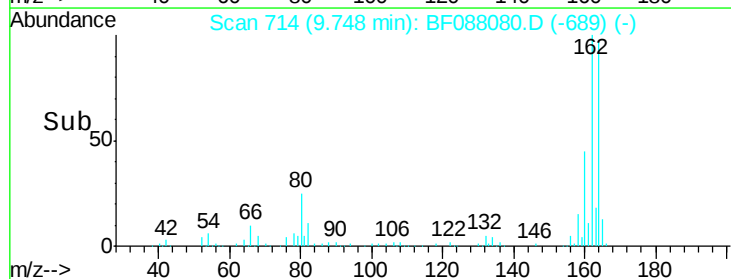
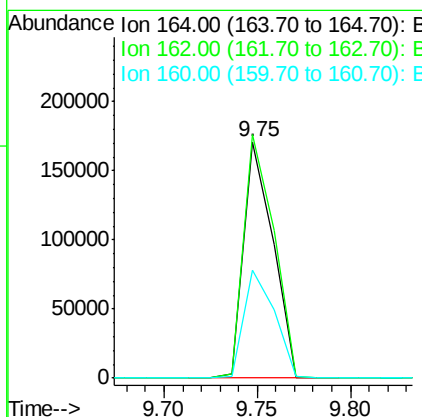
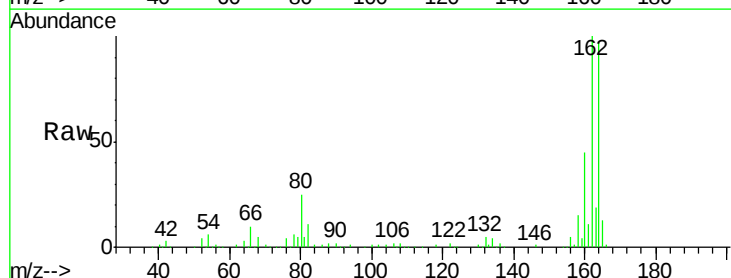
Instrument :
 BNA_F
 ClientSampleId :
 SB-20-COMP

Tot Ion	82	Resp	351297
Ion Ratio	Lower	Upper	
82	100		
128	43.1	35.9	53.9
54	48.4	40.9	61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 714
 Delta R.T. -0.01 min
 Lab File: BF088080.D
 Acq: 16 Jun 2016 17:22

Tgt Ion	164	Resp	186241
Ion Ratio	Lower	Upper	
164	100		
162	103.1	85.4	128.2
160	45.9	39.5	59.3

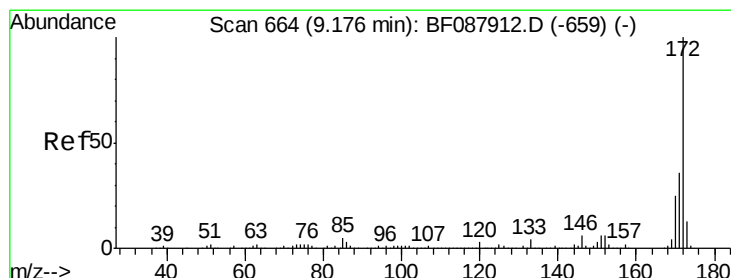
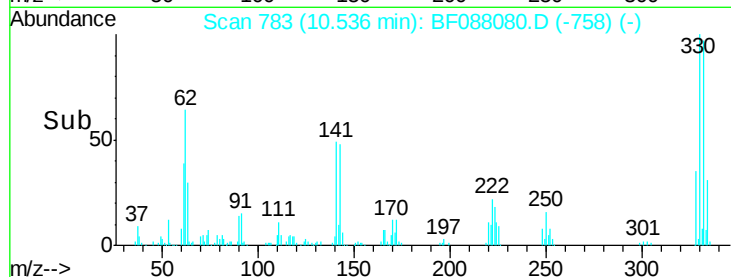
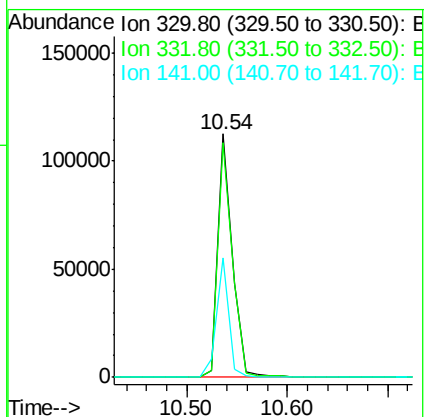
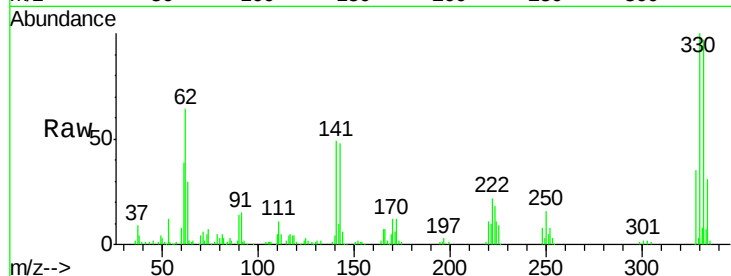




#41
 2,4,6-Tribromophenol
 Concen: 57.65 ng
 RT: 10.54 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF088080.D
 Acq: 16 Jun 2016 17:22

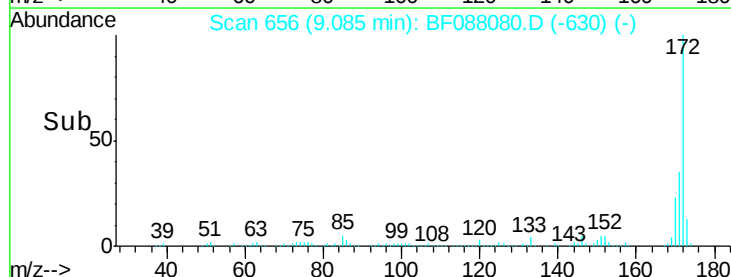
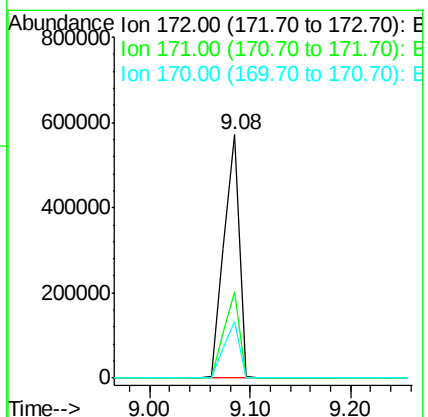
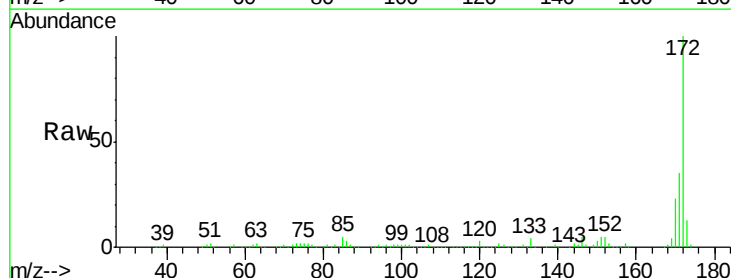
Instrument :
 BNA_F
 ClientSampleId :
 SB-20-COMP

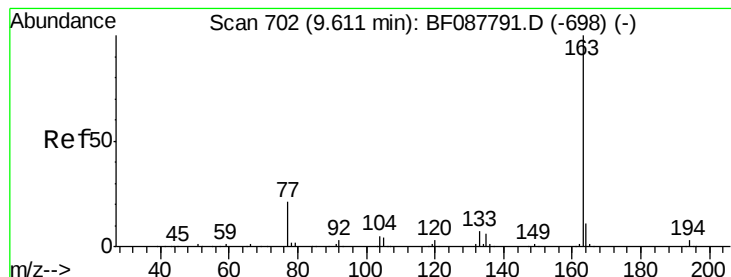
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	0.0	0.0#
141	41.5	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 49.01 ng
 RT: 9.08 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: BF088080.D
 Acq: 16 Jun 2016 17:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	43.0
170	23.5	19.2	28.8





#49

Dimethylphthalate

Concen: 14.33 ng

RT: 9.47 min Scan# 690

Delta R.T. -0.02 min

Lab File: BF088080.D

Acq: 16 Jun 2016 17:22

Instrument :

BNA_F

ClientSampleId :

SB-20-COMP

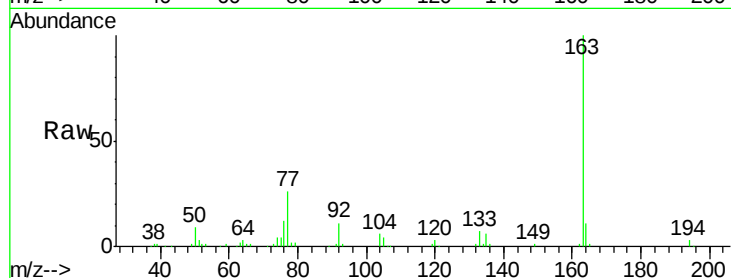
Tot Ion:163 Resp: 193363

Ion Ratio Lower Upper

163 100

194 2.8 2.8 4.2

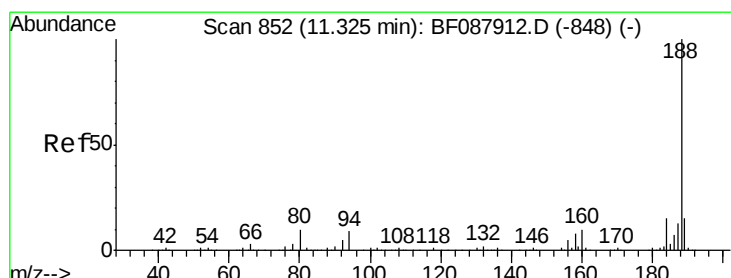
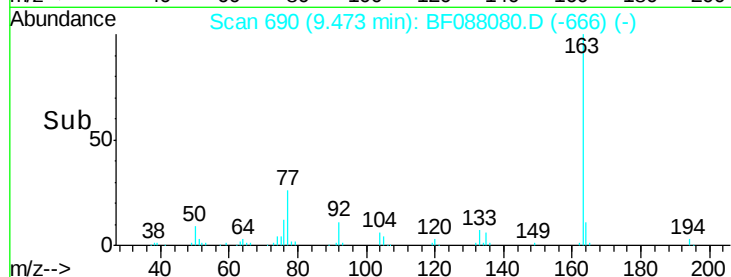
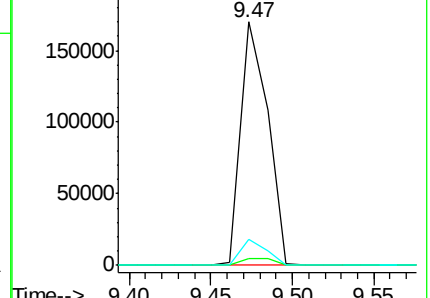
164 10.6 8.3 12.5



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: 11.23 min Scan# 844

Delta R.T. 0.00 min

Lab File: BF088080.D

Acq: 16 Jun 2016 17:22

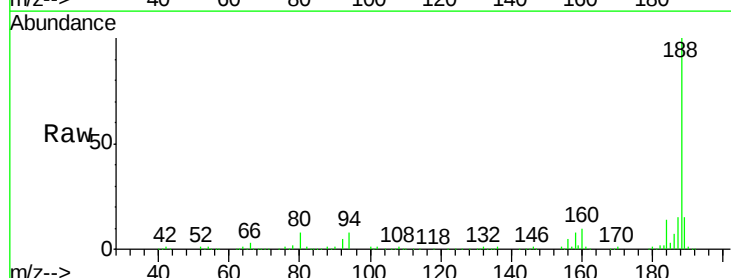
Tgt Ion:188 Resp: 347643

Ion Ratio Lower Upper

188 100

94 8.0 9.0 13.6#

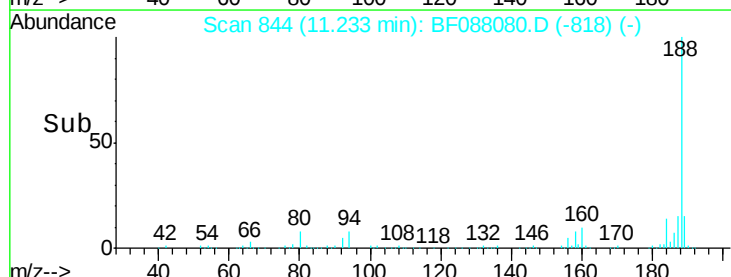
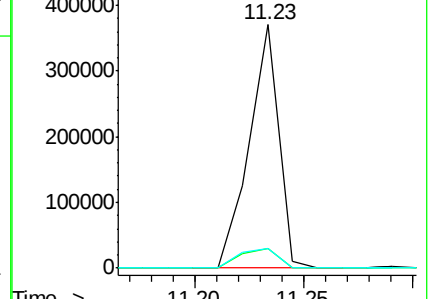
80 8.0 10.0 15.0#

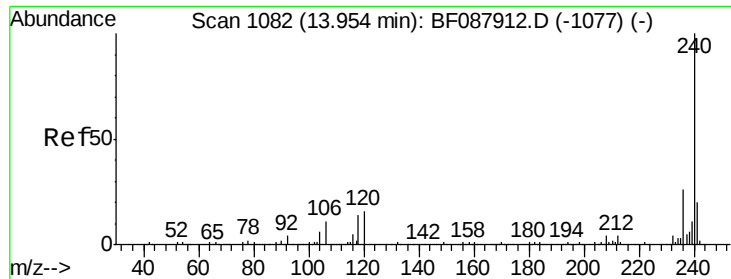


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

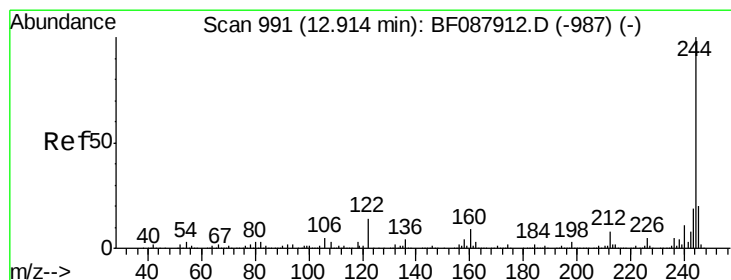
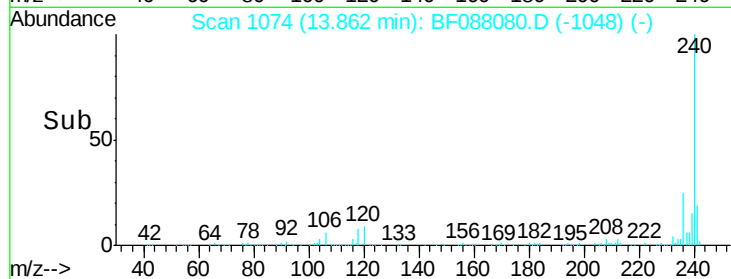
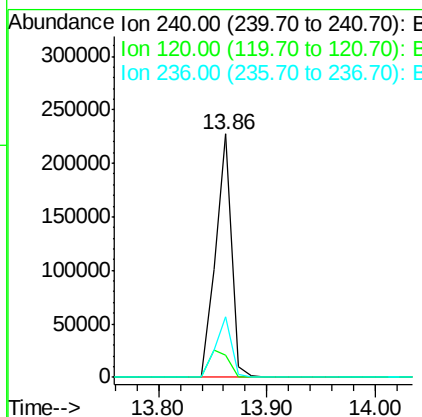
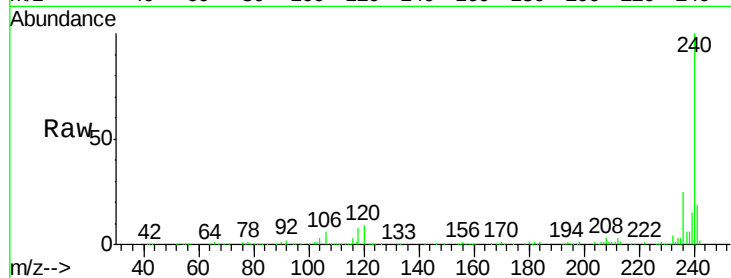




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.86 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: BF088080.D
 Acq: 16 Jun 2016 17:22

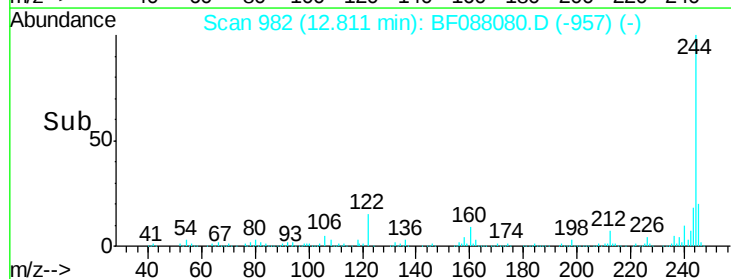
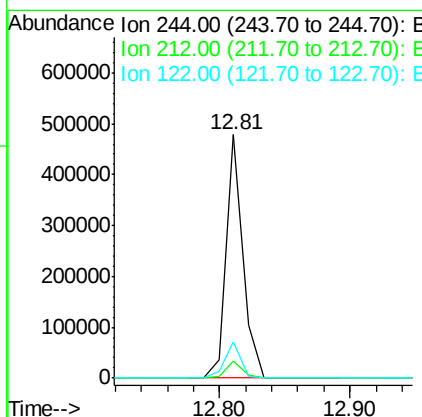
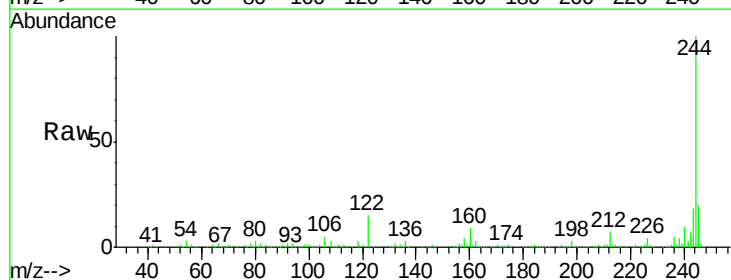
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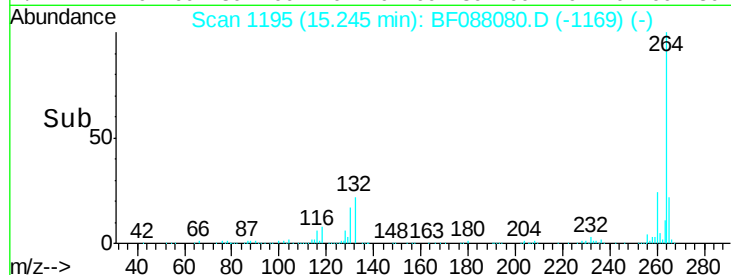
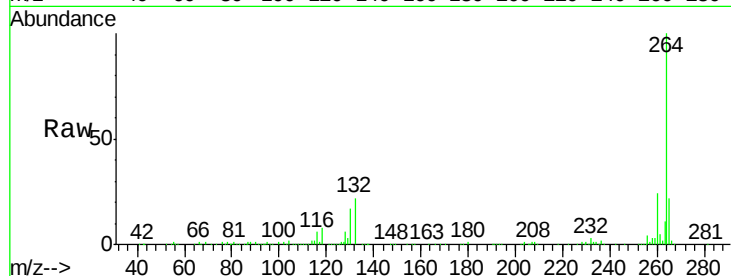
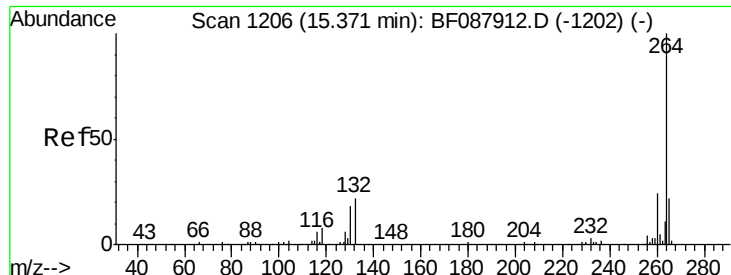
Tot Ion:240 Resp: 235213
 Ion Ratio Lower Upper
 240 100
 120 9.1 6.8 10.2
 236 25.1 20.2 30.2



#78
 Terphenyl-d14
 Concen: 41.32 ng
 RT: 12.81 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BF088080.D
 Acq: 16 Jun 2016 17:22

Tgt Ion:244 Resp: 427140
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 15.1 11.2 16.8





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.25 min Scan# 1195
Delta R.T. 0.00 min
Lab File: BF088080.D
Acq: 16 Jun 2016 17:22

Instrument :
BNA_F
ClientSampleId :
SB-20-COMP

Tot Ion:	264	Resp:	236955
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.2	28.8
265	21.7	16.9	25.3

