

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092916\
 Data File : BF090307.D
 Acq On : 30 Sep 2016 1:09
 Operator : UM/SJ
 Sample : H5015-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-3

Quant Time: Sep 30 02:17:53 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 26 15:58:38 2016
 Response via : Initial Calibration

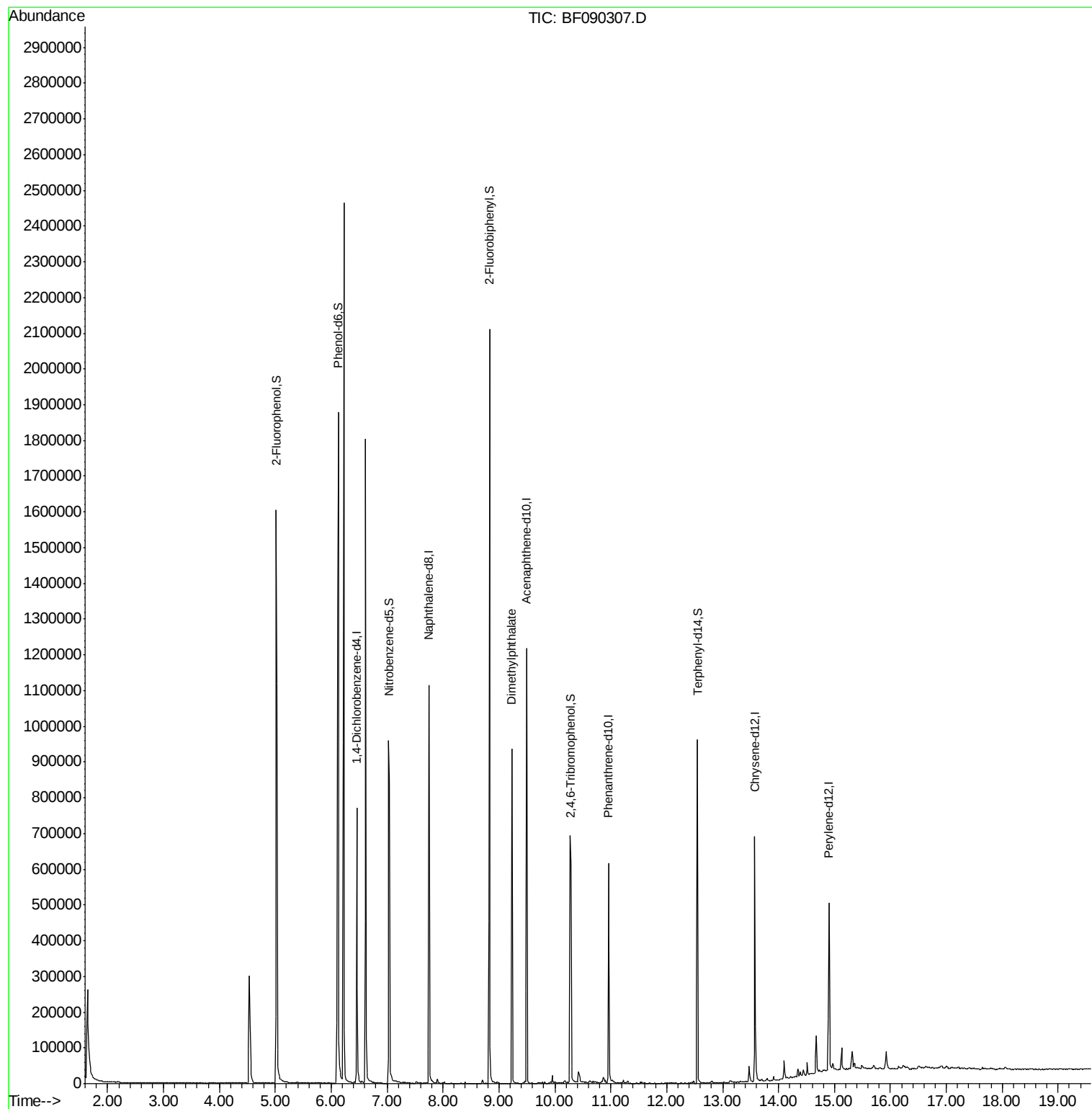
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	135840	20.00	ng	-0.02
21) Naphthalene-d8	7.75	136	515180	20.00	ng	-0.02
38) Acenaphthene-d10	9.50	164	259118	20.00	ng	-0.01
63) Phenanthrene-d10	10.96	188	311083	20.00	ng	-0.02
75) Chrysene-d12	13.58	240	243382	20.00	ng	-0.02
86) Perylene-d12	14.90	264	186522	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.02	112	708740	85.04	ng	-0.01
7) Phenol-d6	6.12	99	1026743	99.76	ng	-0.01
23) Nitrobenzene-d5	7.03	82	528395	59.46	ng	-0.03
41) 2,4,6-Tribromophenol	10.28	330	137449	61.83	ng	-0.01
44) 2-Fluorobiphenyl	8.83	172	671792	50.90	ng	-0.02
78) Terphenyl-d14	12.55	244	305120	31.83	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.23	163	369177	22.37	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: 6.46 min Scan# 426

Delta R.T. -0.02 min

Lab File: BF090307.D

Acq: 30 Sep 2016 1:09

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-3

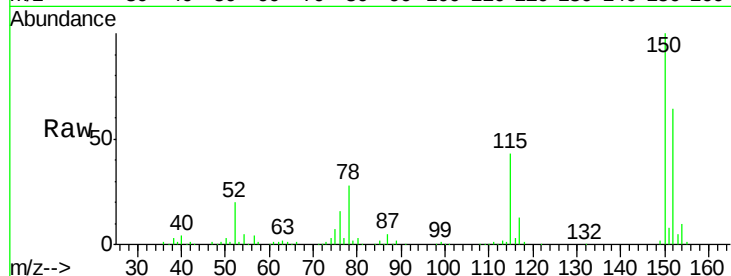
Tot Ion:152 Resp: 135840

Ion Ratio Lower Upper

152 100

150 156.7 128.9 193.3

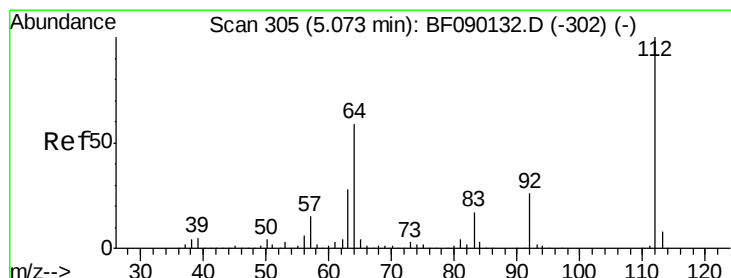
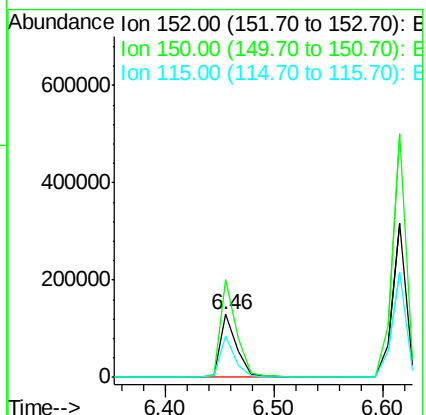
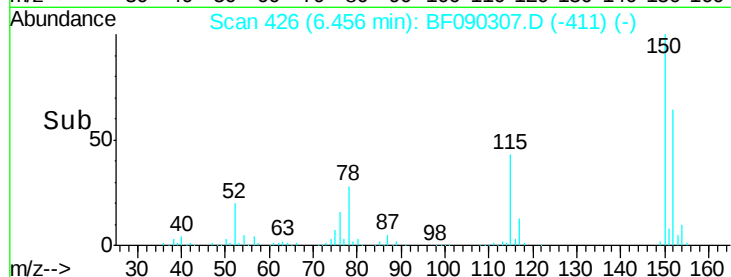
115 66.8 55.5 83.3



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: 85.04 ng

RT: 5.02 min Scan# 300

Delta R.T. -0.01 min

Lab File: BF090307.D

Acq: 30 Sep 2016 1:09

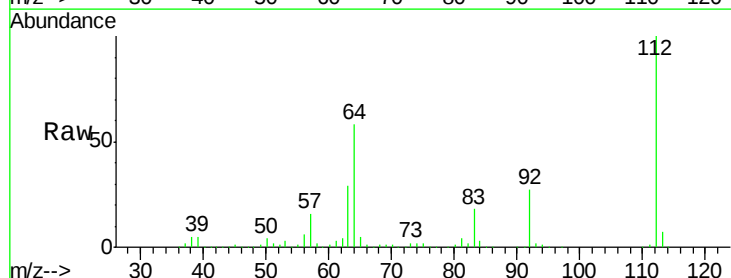
Tgt Ion:112 Resp: 708740

Ion Ratio Lower Upper

112 100

64 58.2 39.8 59.6

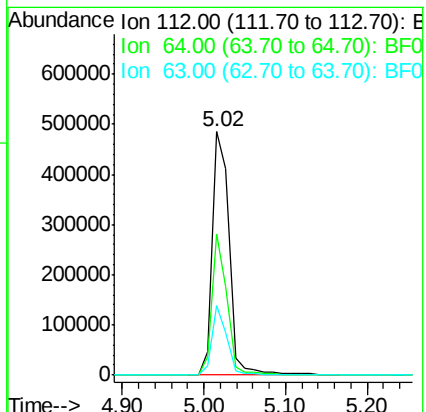
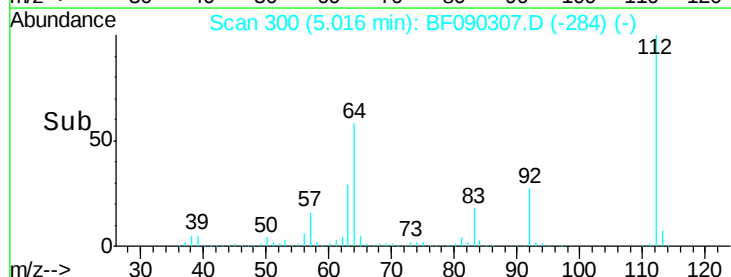
63 28.7 18.9 28.3#



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: 99.76 ng

RT: 6.12 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF090307.D

Acq: 30 Sep 2016 1:09

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-3

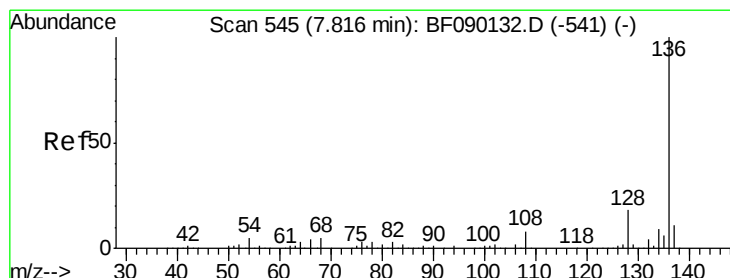
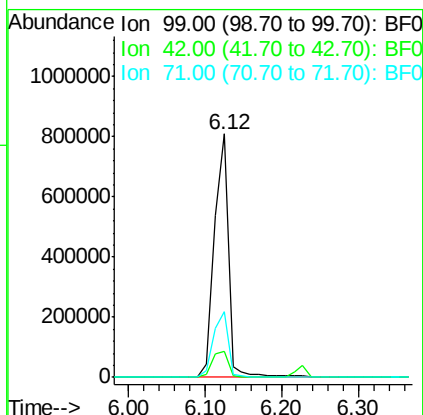
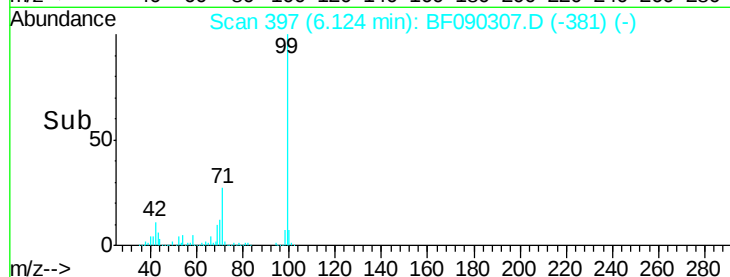
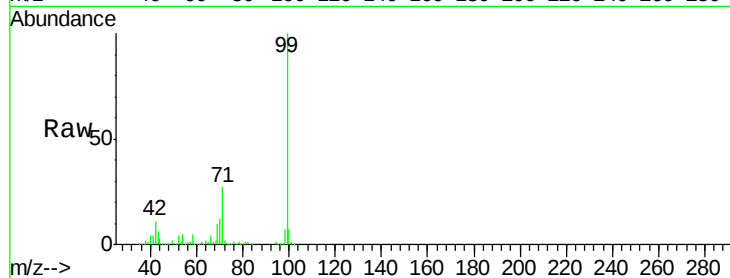
Tot Ion: 99 Resp: 1026743

Ion Ratio Lower Upper

99 100

42 10.9 10.6 15.8

71 27.2 23.0 34.6



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.75 min Scan# 539

Delta R.T. -0.02 min

Lab File: BF090307.D

Acq: 30 Sep 2016 1:09

Tgt Ion: 136 Resp: 515180

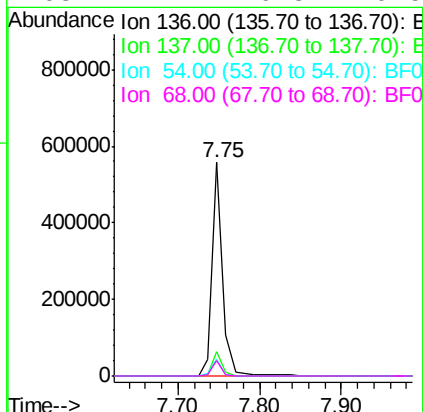
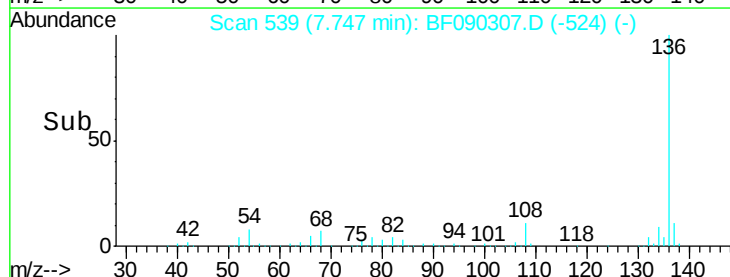
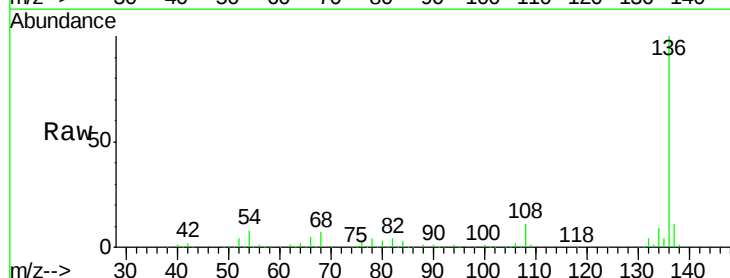
Ion Ratio Lower Upper

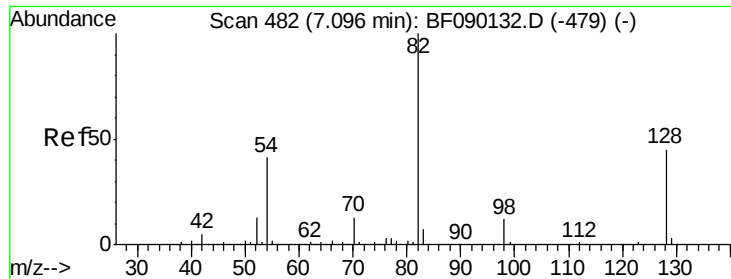
136 100

137 11.2 9.0 13.4

54 7.6 6.4 9.6

68 7.2 6.3 9.5

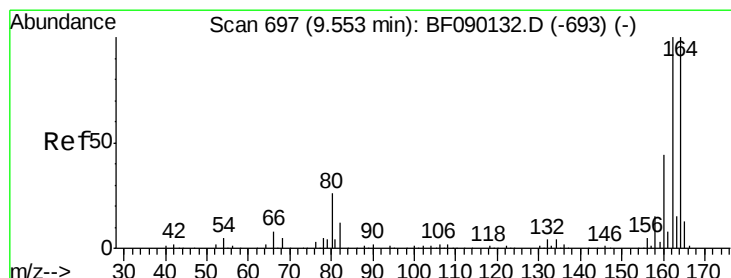
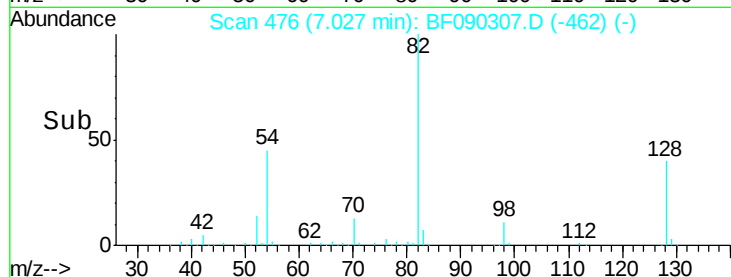
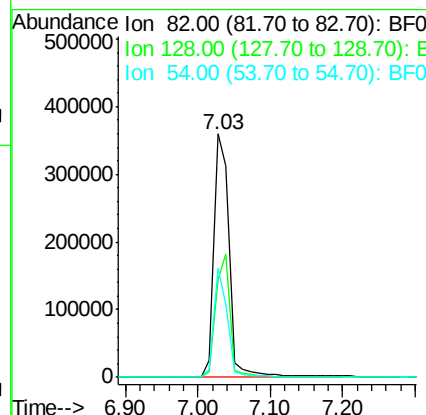
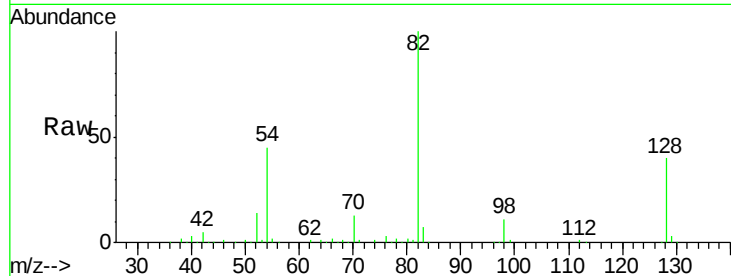




#23
 Nitrobenzene-d5
 Concen: 59.46 ng
 RT: 7.03 min Scan# 476
 Delta R.T. -0.03 min
 Lab File: BF090307.D
 Acq: 30 Sep 2016 1:09

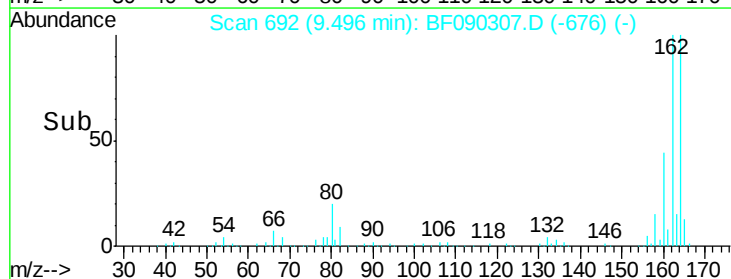
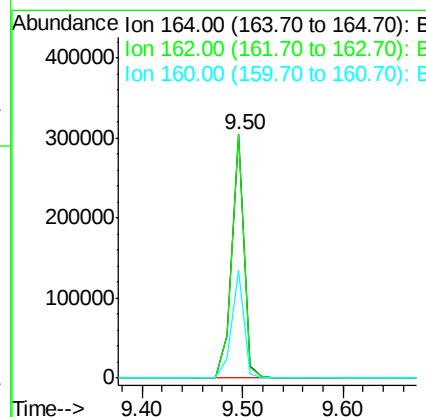
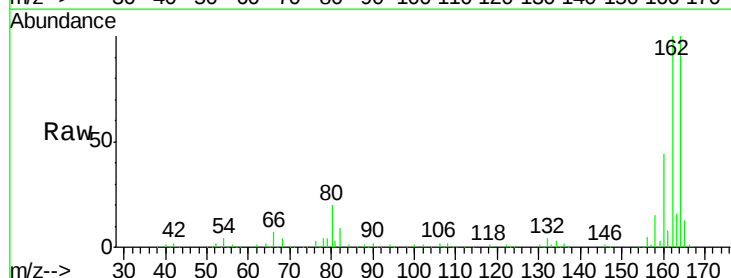
Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-3

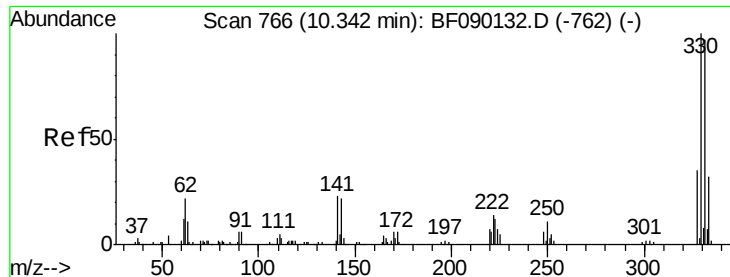
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.2	37.5	56.3
54	44.8	31.9	47.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BF090307.D
 Acq: 30 Sep 2016 1:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.0	81.4	122.2
160	44.2	36.6	54.8

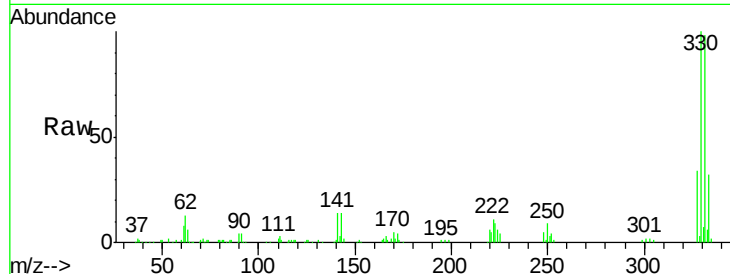




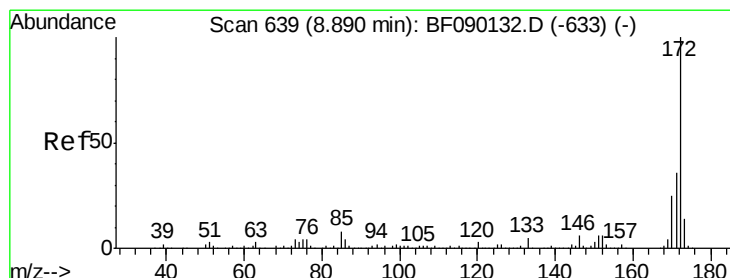
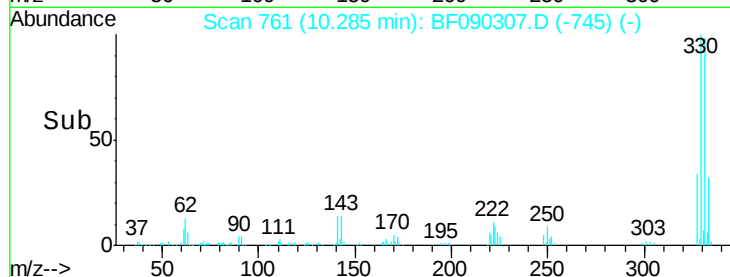
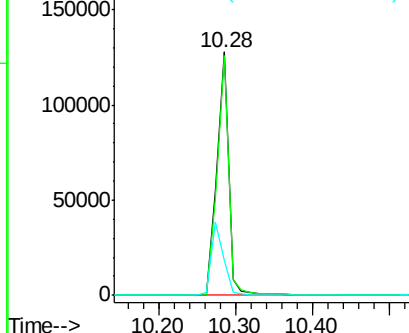
#41
 2,4,6-Tribromophenol
 Concen: 61.83 ng
 RT: 10.28 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF090307.D
 Acq: 30 Sep 2016 1:09

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.1	117.1
141	30.9	23.9	35.9

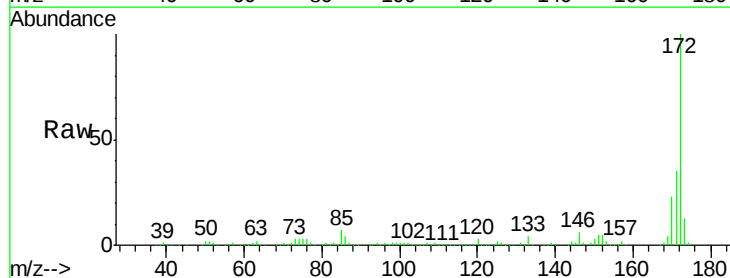


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

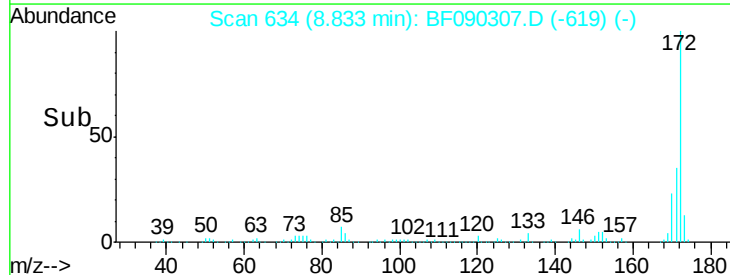
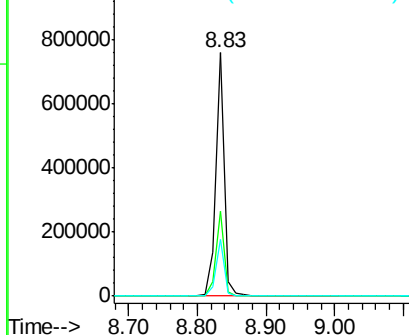


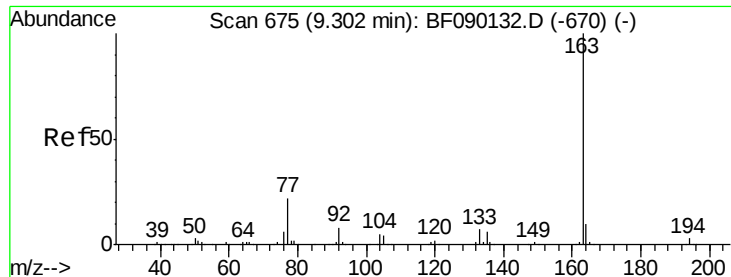
#44
 2-Fluorobiphenyl
 Concen: 50.90 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.02 min
 Lab File: BF090307.D
 Acq: 30 Sep 2016 1:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.2	43.8
170	23.5	19.8	29.8



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

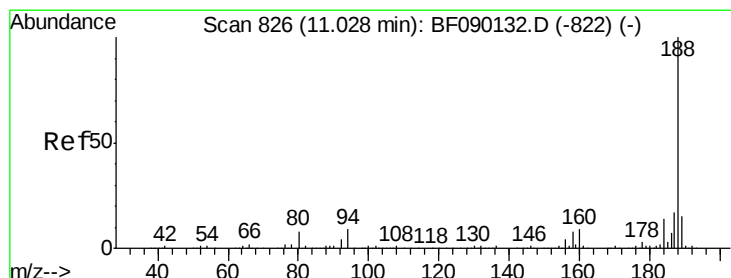
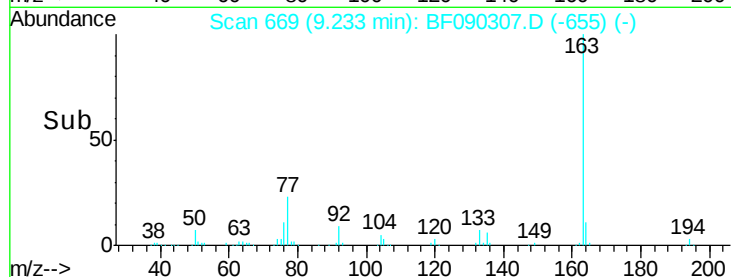
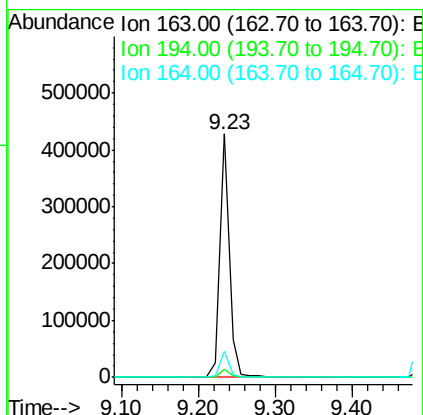
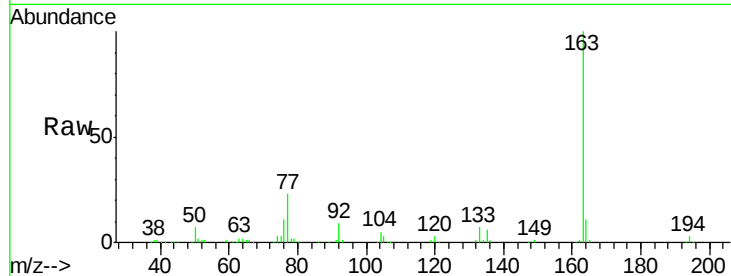




#49
Dimethylphthalate
Concen: 22.37 ng
RT: 9.23 min Scan# 669
Delta R.T. -0.03 min
Lab File: BF090307.D
Acq: 30 Sep 2016 1:09

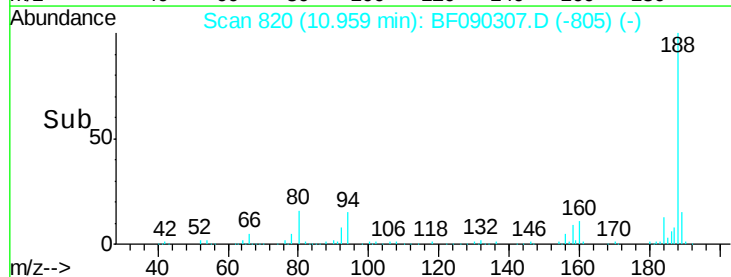
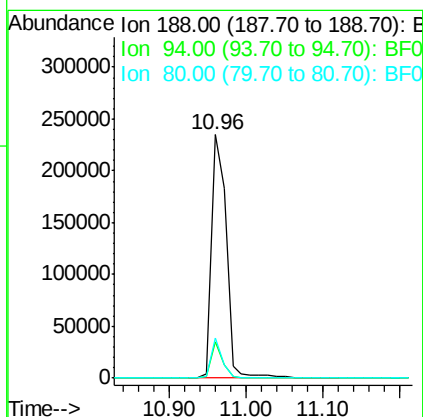
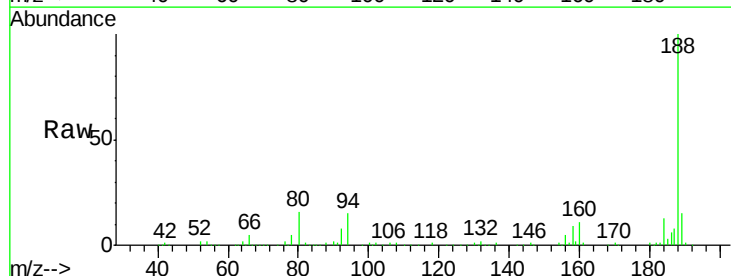
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-3

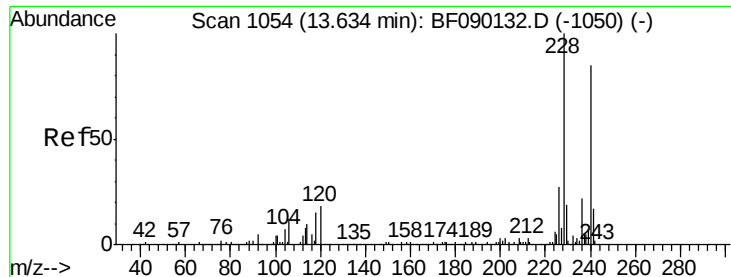
Tot Ion:163 Resp: 369177
Ion Ratio Lower Upper
163 100
194 3.1 2.8 4.2
164 10.5 8.1 12.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.96 min Scan# 820
Delta R.T. -0.02 min
Lab File: BF090307.D
Acq: 30 Sep 2016 1:09

Tgt Ion:188 Resp: 311083
Ion Ratio Lower Upper
188 100
94 14.8 10.5 15.7
80 16.4 11.2 16.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.58 min Scan# 1049

Delta R.T. -0.02 min

Lab File: BF090307.D

Acq: 30 Sep 2016 1:09

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-3

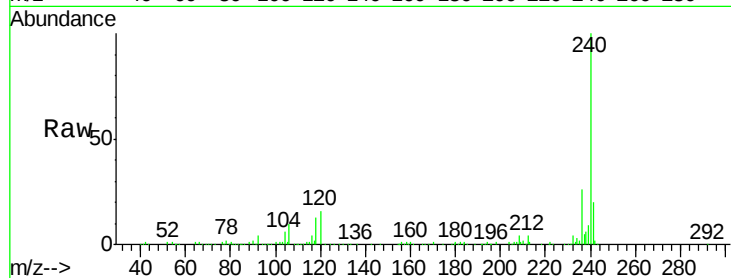
Tot Ion:240 Resp: 243382

Ion Ratio Lower Upper

240 100

120 15.5 10.6 16.0

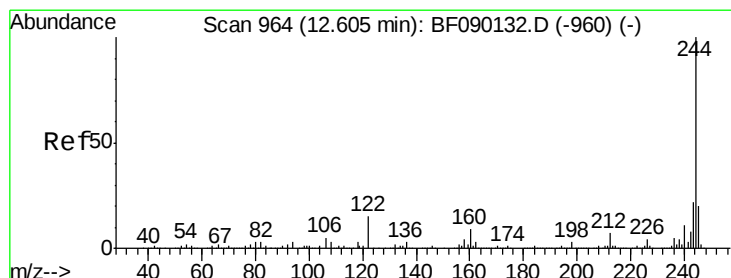
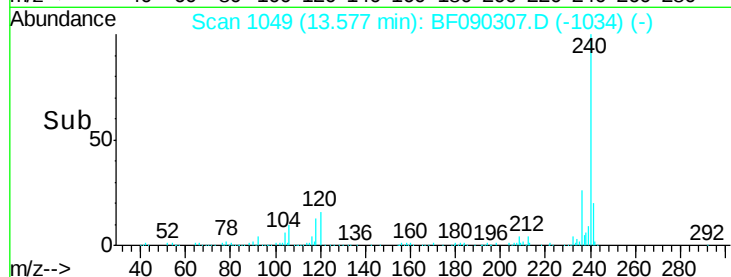
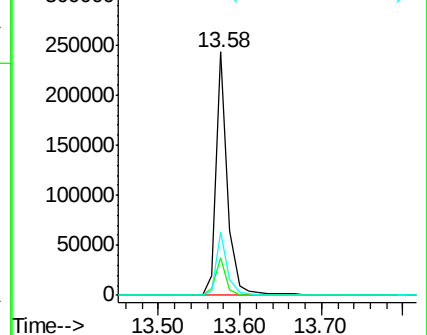
236 25.9 21.6 32.4



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: 31.83 ng

RT: 12.55 min Scan# 959

Delta R.T. -0.01 min

Lab File: BF090307.D

Acq: 30 Sep 2016 1:09

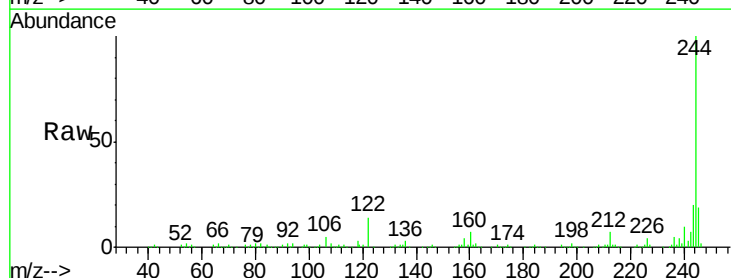
Tgt Ion:244 Resp: 305120

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

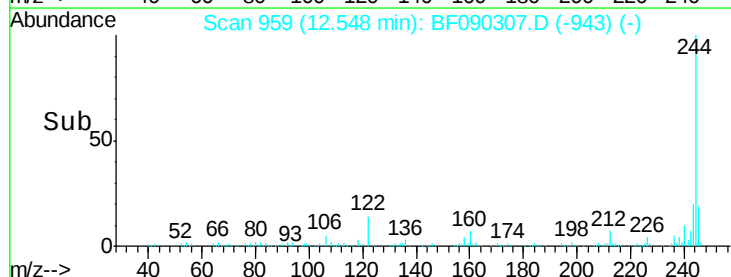
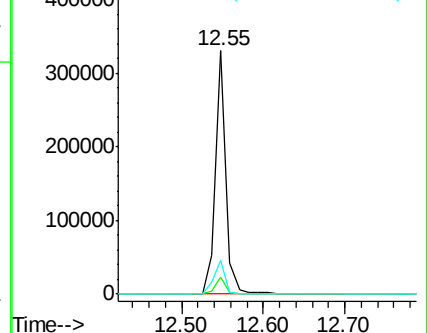
122 14.0 9.4 14.0

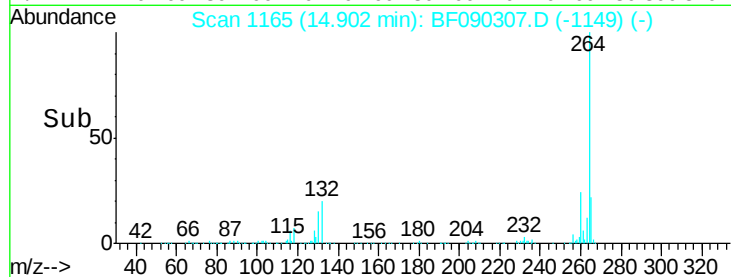
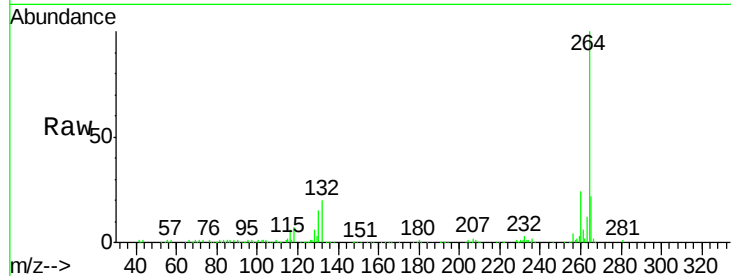
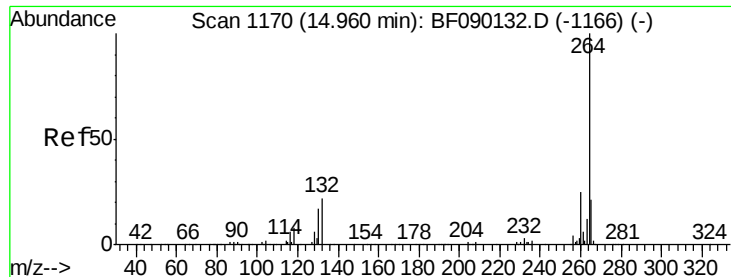


Abundance Ion 244.00 (243.70 to 244.70): E

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: 14.90 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF090307.D
 Acq: 30 Sep 2016 1:09

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-3

Tot Ion:	264	Resp:	186522
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.5	29.3
265	21.9	17.0	25.4

