

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092916\
 Data File : BF090309.D
 Acq On : 30 Sep 2016 2:04
 Operator : UM/SJ
 Sample : H5015-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-5

Quant Time: Sep 30 02:29:28 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

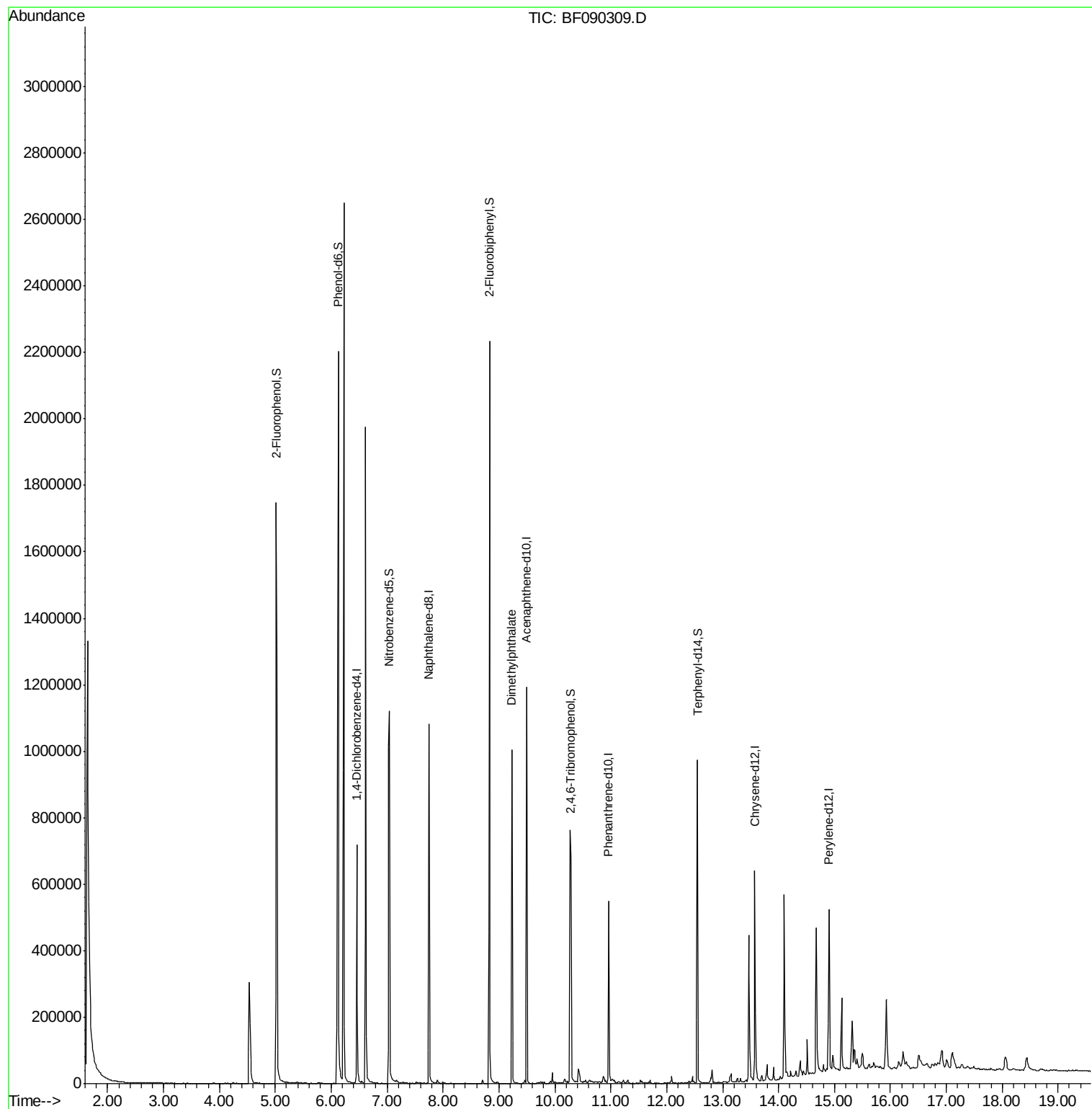
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	126564	20.00	ng	-0.02
21) Naphthalene-d8	7.75	136	489362	20.00	ng	-0.02
38) Acenaphthene-d10	9.50	164	250822	20.00	ng	-0.01
63) Phenanthrene-d10	10.96	188	299540	20.00	ng	-0.02
75) Chrysene-d12	13.58	240	240125	20.00	ng	-0.02
86) Perylene-d12	14.90	264	189603	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.02	112	811816	104.55	ng	-0.01
7) Phenol-d6	6.12	99	1125825	117.41	ng	-0.01
23) Nitrobenzene-d5	7.04	82	624520	73.98	ng	-0.02
41) 2,4,6-Tribromophenol	10.28	330	151845	70.57	ng	-0.01
44) 2-Fluorobiphenyl	8.83	172	690097	54.01	ng	-0.02
78) Terphenyl-d14	12.55	244	300570	31.78	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.23	163	396008	24.79	ng	Qvalue 99

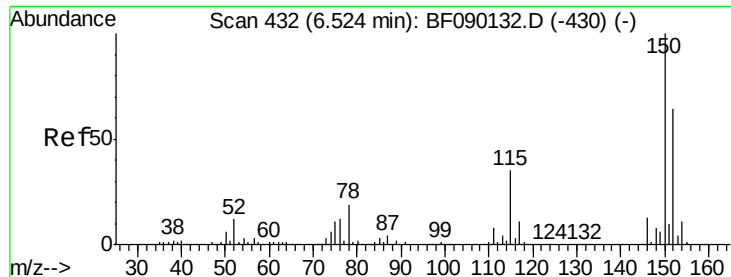
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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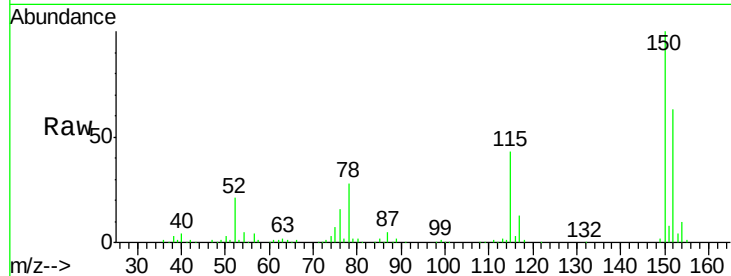


#1

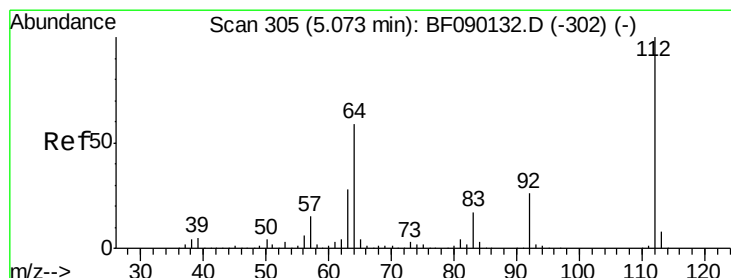
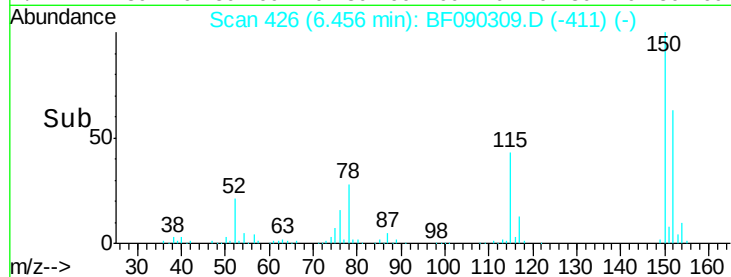
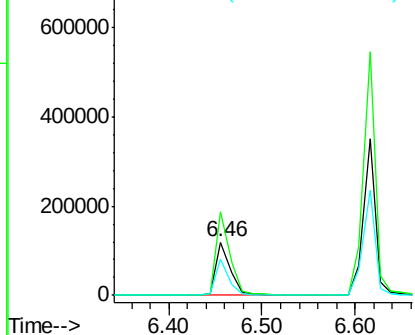
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.46 min Scan# 426
 Delta R.T. -0.02 min
 Lab File: BF090309.D
 Acq: 30 Sep 2016 2:04

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-5

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	128.9	193.3
115	67.5	55.5	83.3



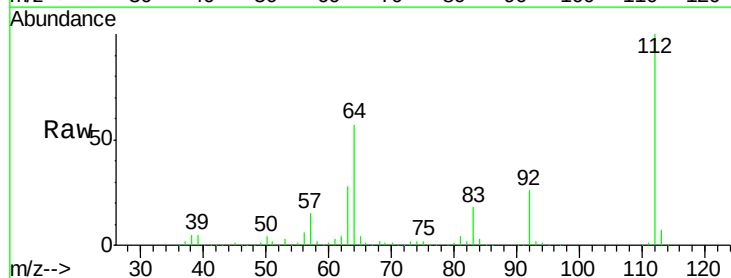
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



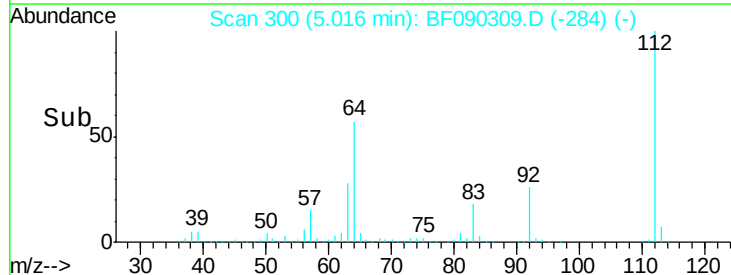
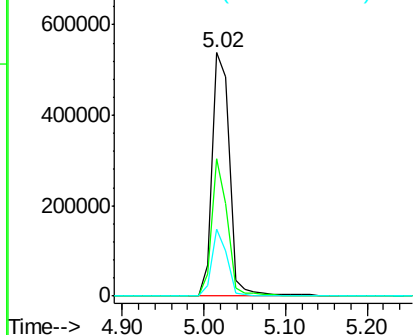
#5

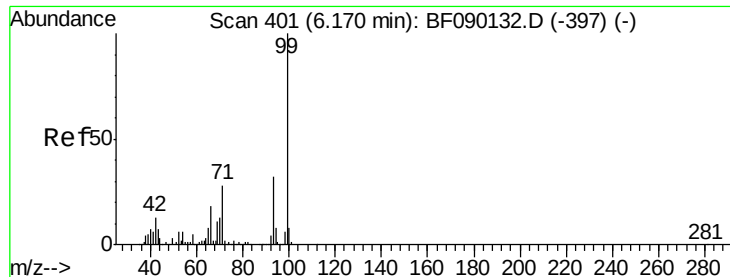
2-Fluorophenol
 Concen: 104.55 ng
 RT: 5.02 min Scan# 300
 Delta R.T. -0.01 min
 Lab File: BF090309.D
 Acq: 30 Sep 2016 2:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	39.8	59.6
63	27.5	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: 117.41 ng

RT: 6.12 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF090309.D

Acq: 30 Sep 2016 2:04

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-5

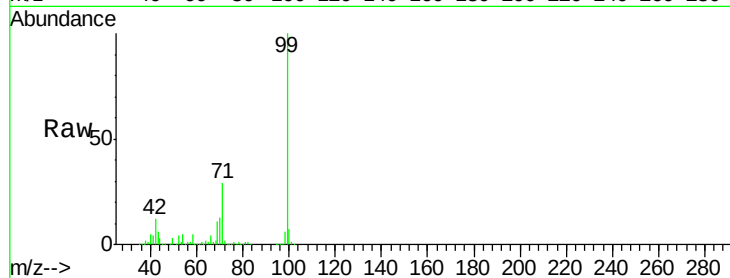
Tot Ion: 99 Resp: 1125825

Ion Ratio Lower Upper

99 100

42 12.2 10.6 15.8

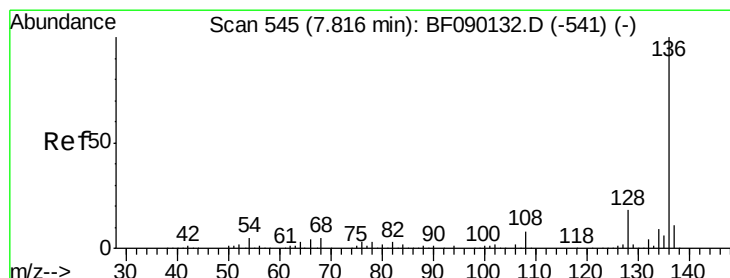
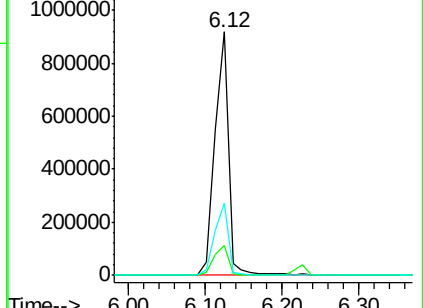
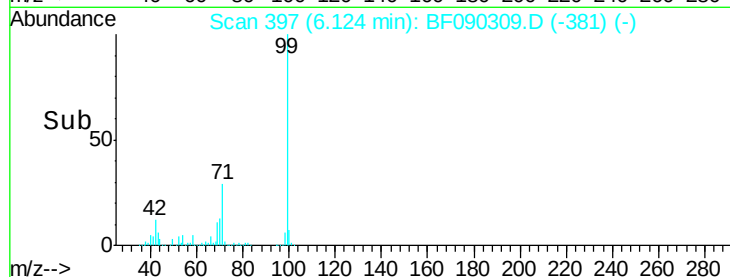
71 29.4 23.0 34.6



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.75 min Scan# 539

Delta R.T. -0.02 min

Lab File: BF090309.D

Acq: 30 Sep 2016 2:04

Tgt Ion: 136 Resp: 489362

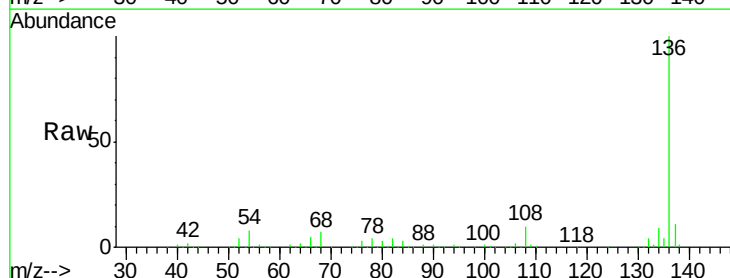
Ion Ratio Lower Upper

136 100

137 11.5 9.0 13.4

54 7.6 6.4 9.6

68 7.2 6.3 9.5

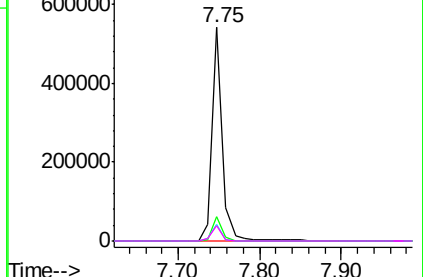
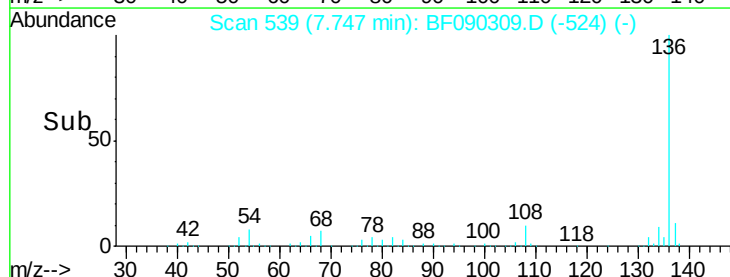


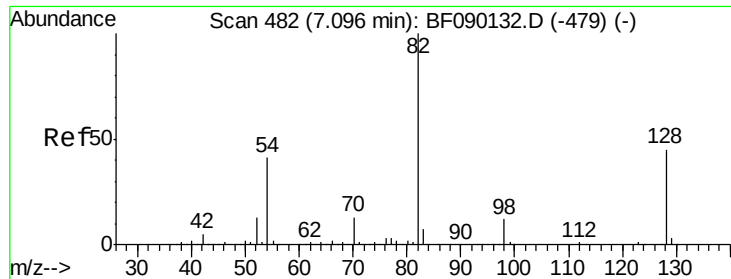
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

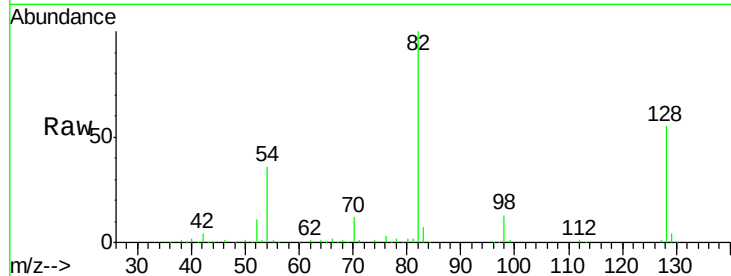




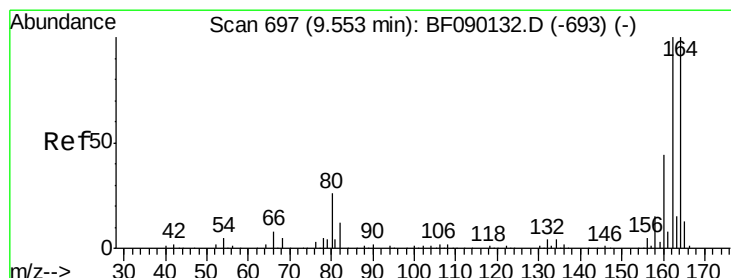
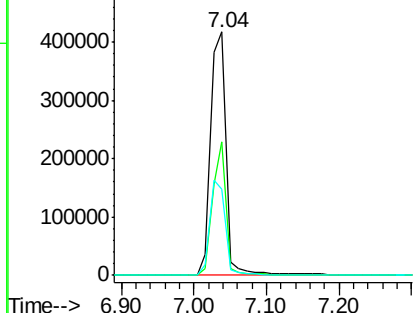
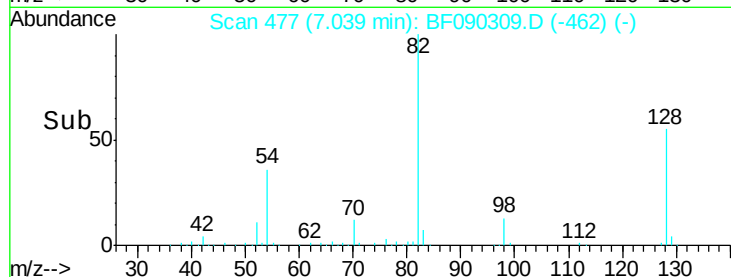
#23
Nitrobenzene-d5
Concen: 73.98 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.02 min
Lab File: BF090309.D
Acq: 30 Sep 2016 2:04

Instrument :
BNA_F
ClientSampled :
COMPOSITE-5

Tot Ion: 82 Resp: 624520
Ion Ratio Lower Upper
82 100
128 55.0 37.5 56.3
54 35.5 31.9 47.9

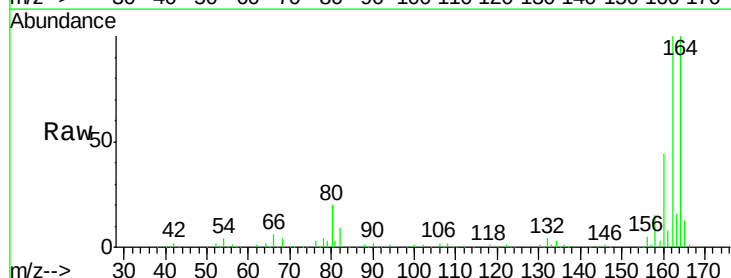


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

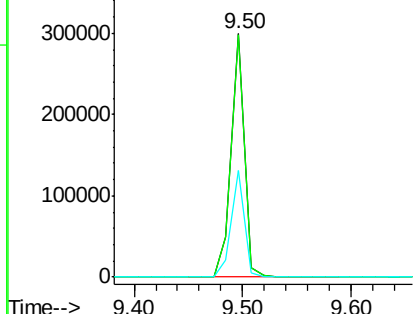
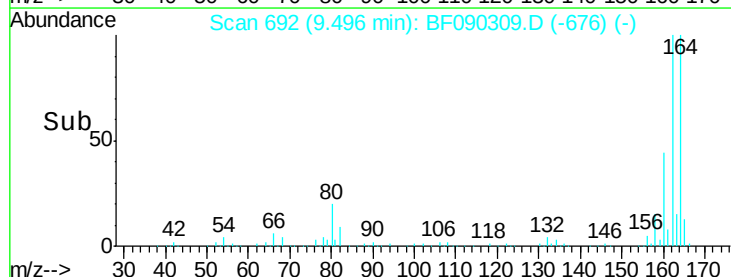


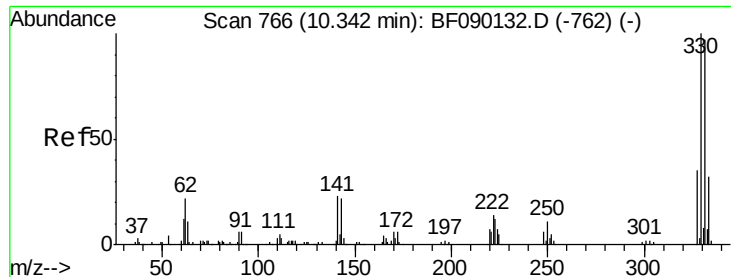
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF090309.D
Acq: 30 Sep 2016 2:04

Tgt Ion: 164 Resp: 250822
Ion Ratio Lower Upper
164 100
162 99.6 81.4 122.2
160 43.6 36.6 54.8



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

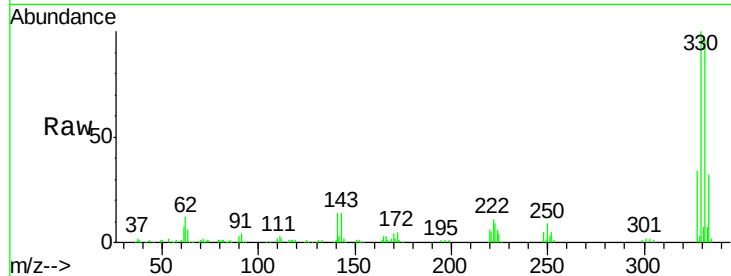




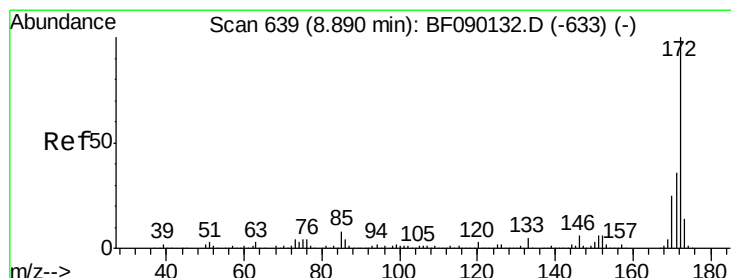
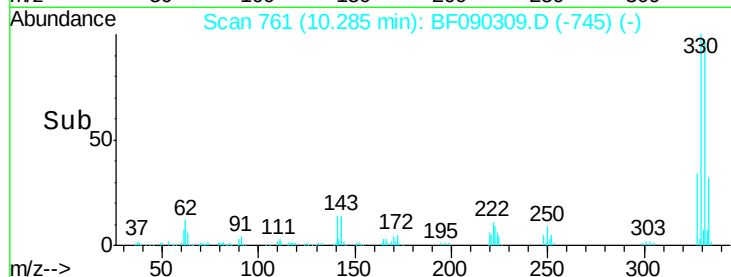
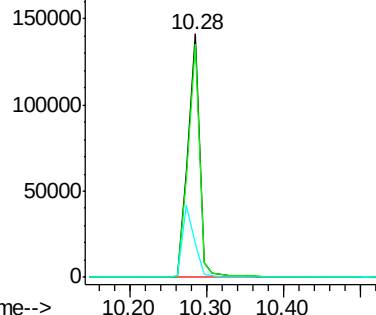
#41
 2,4,6-Tribromophenol
 Concen: 70.57 ng
 RT: 10.28 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF090309.D
 Acq: 30 Sep 2016 2:04

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-5

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	78.1	117.1
141	30.3	23.9	35.9

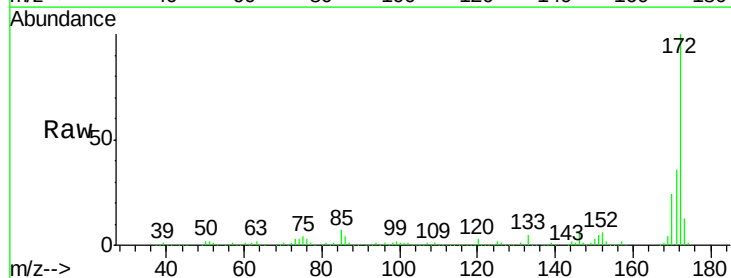


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

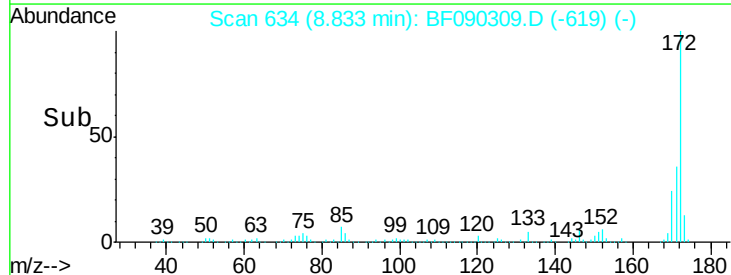
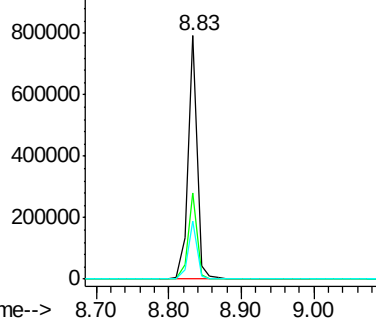


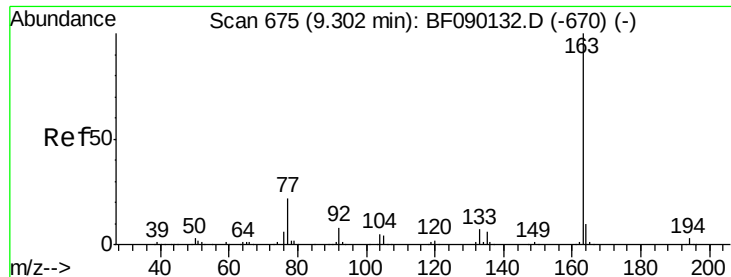
#44
 2-Fluorobiphenyl
 Concen: 54.01 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.02 min
 Lab File: BF090309.D
 Acq: 30 Sep 2016 2:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.2	43.8
170	24.0	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: 24.79 ng

RT: 9.23 min Scan# 669

Delta R.T. -0.03 min

Lab File: BF090309.D

Acq: 30 Sep 2016 2:04

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-5

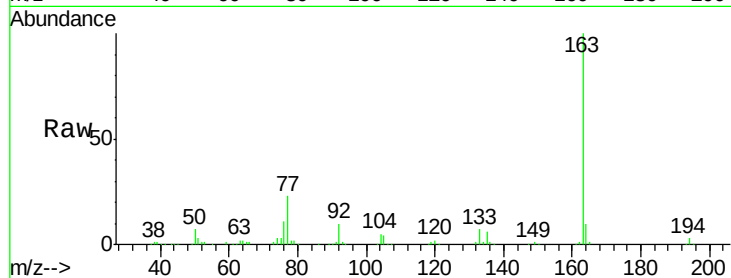
Tot Ion:163 Resp: 396008

Ion Ratio Lower Upper

163 100

194 3.0 2.8 4.2

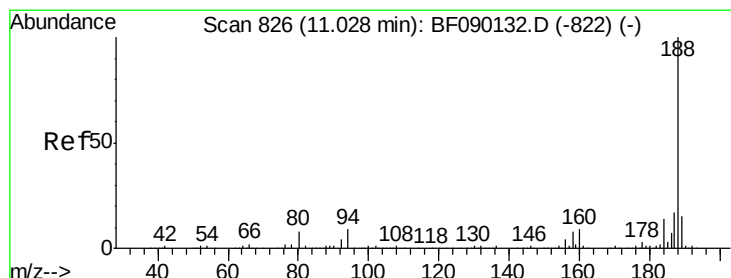
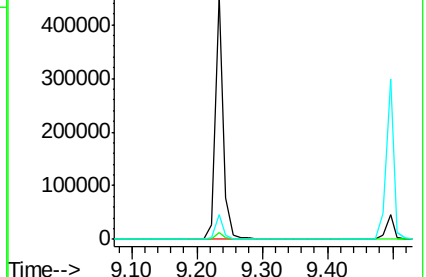
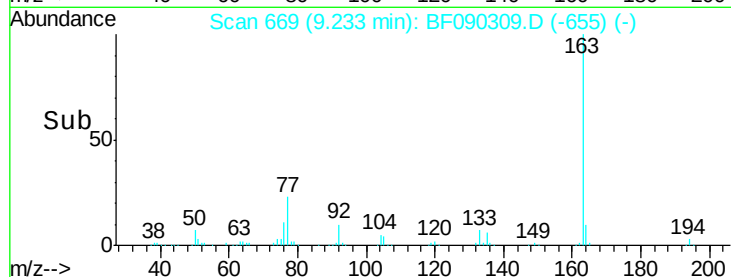
164 10.3 8.1 12.1



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: 10.96 min Scan# 820

Delta R.T. -0.02 min

Lab File: BF090309.D

Acq: 30 Sep 2016 2:04

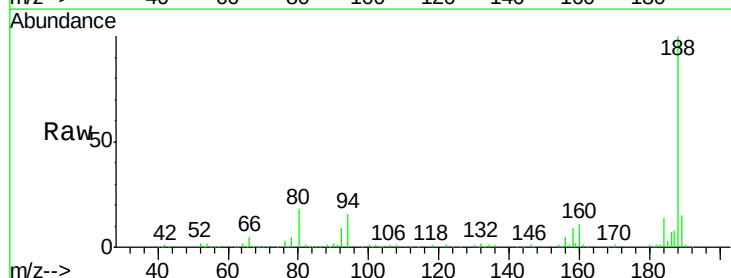
Tgt Ion:188 Resp: 299540

Ion Ratio Lower Upper

188 100

94 15.7 10.5 15.7#

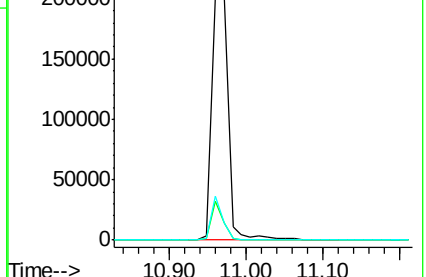
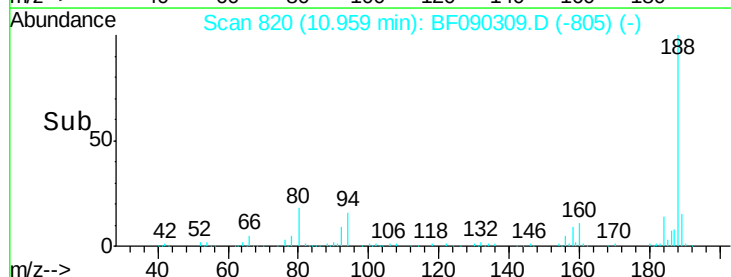
80 17.9 11.2 16.8#

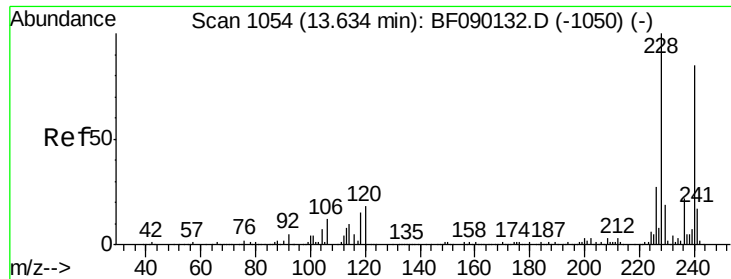


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.58 min Scan# 1049

Delta R.T. -0.02 min

Lab File: BF090309.D

Acq: 30 Sep 2016 2:04

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-5

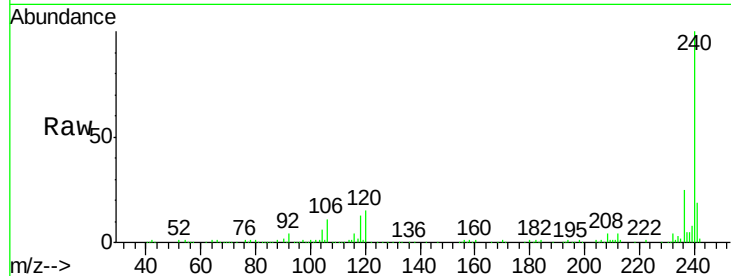
Tot Ion:240 Resp: 240125

Ion Ratio Lower Upper

240 100

120 15.3 10.6 16.0

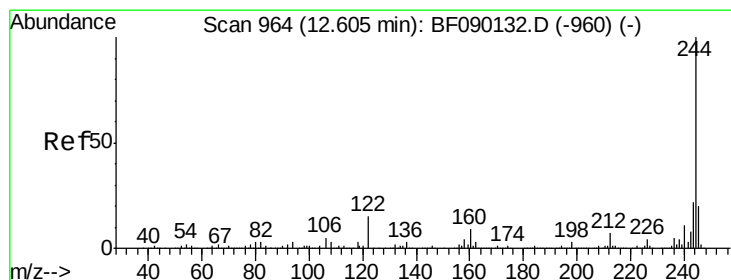
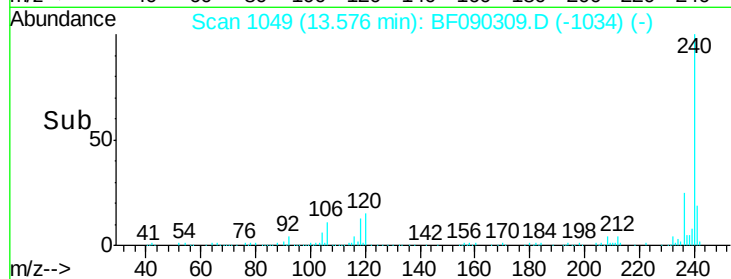
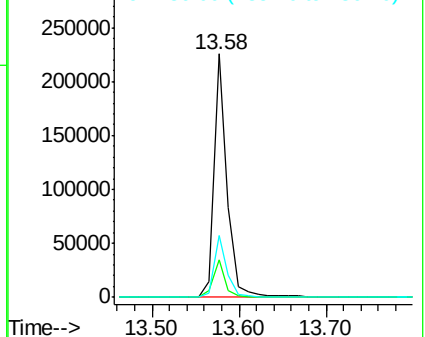
236 25.3 21.6 32.4



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: 31.78 ng

RT: 12.55 min Scan# 959

Delta R.T. -0.01 min

Lab File: BF090309.D

Acq: 30 Sep 2016 2:04

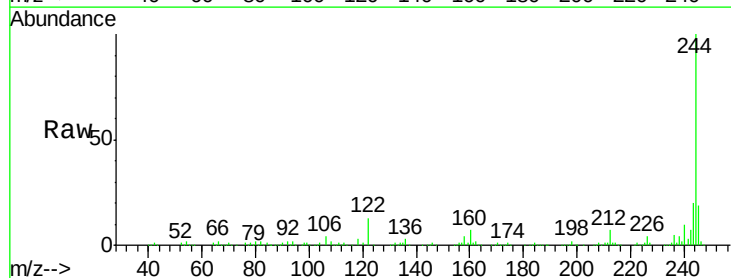
Tgt Ion:244 Resp: 300570

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

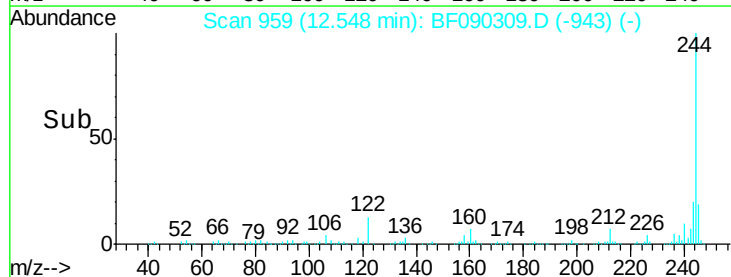
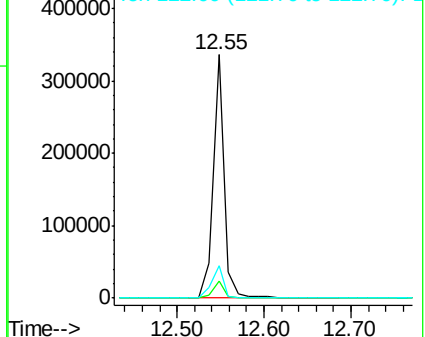
122 13.5 9.4 14.0

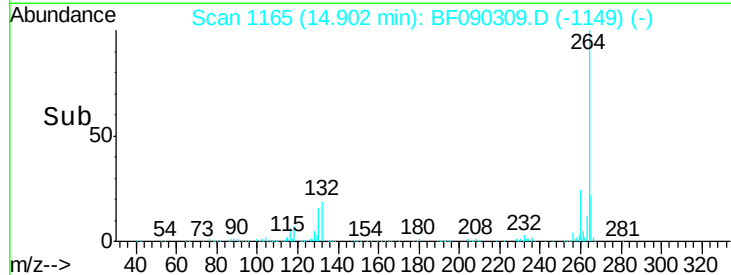
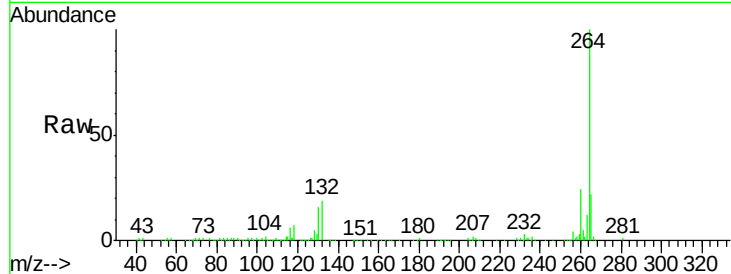
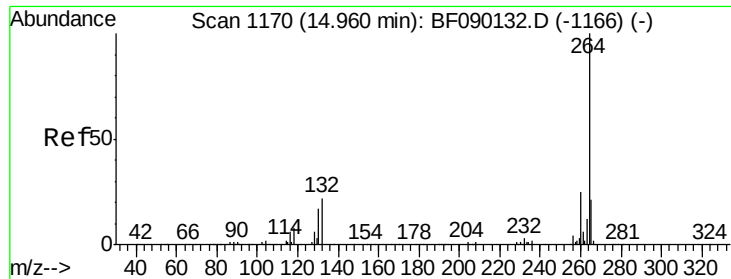


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF090309.D
Acq: 30 Sep 2016 2:04

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-5

Tot Ion:	264	Resp:	189603
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.5	29.3
265	21.7	17.0	25.4

