

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091616\
 Data File : BF090115.D
 Acq On : 16 Sep 2016 19:25
 Operator : UM/SJ
 Sample : H4813-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4-8-9

Quant Time: Sep 16 23:18:39 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 15 11:18:43 2016
 Response via : Initial Calibration

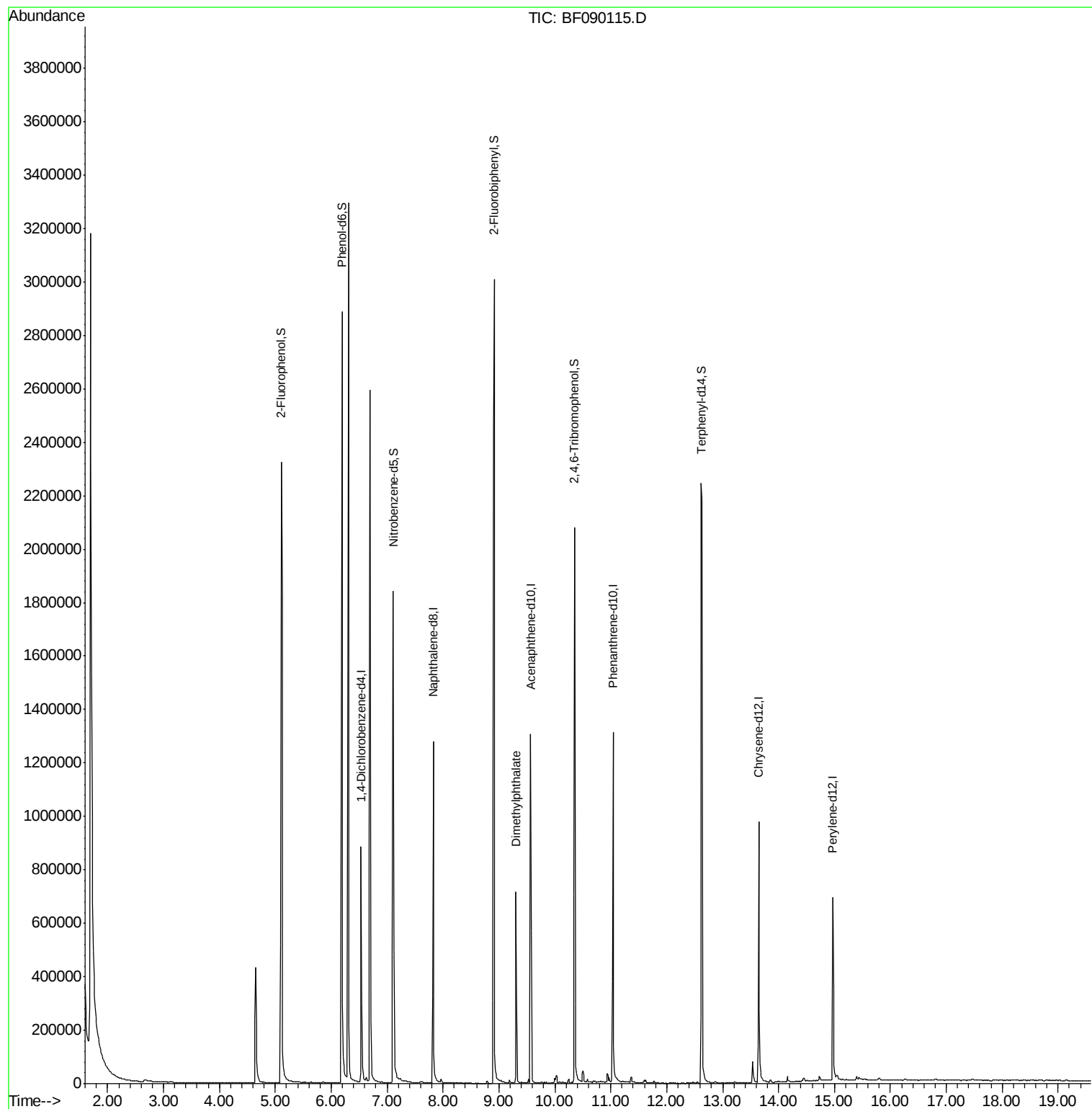
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	160061	20.00	ng	-0.01
21) Naphthalene-d8	7.83	136	666289	20.00	ng	-0.01
38) Acenaphthene-d10	9.56	164	334254	20.00	ng	-0.02
63) Phenanthrene-d10	11.04	188	546656	20.00	ng	-0.01
75) Chrysene-d12	13.65	240	399826	20.00	ng	-0.02
86) Perylene-d12	14.97	264	316631	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	1162738	116.83	ng	-0.01
7) Phenol-d6	6.19	99	1451077	111.37	ng	-0.01
23) Nitrobenzene-d5	7.11	82	822880	69.44	ng	-0.02
41) 2,4,6-Tribromophenol	10.35	330	290456	86.51	ng	-0.02
44) 2-Fluorobiphenyl	8.91	172	1496581	70.32	ng	-0.01
78) Terphenyl-d14	12.63	244	1171142	69.56	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.30	163	351789	14.17	ng	Qvalue 99

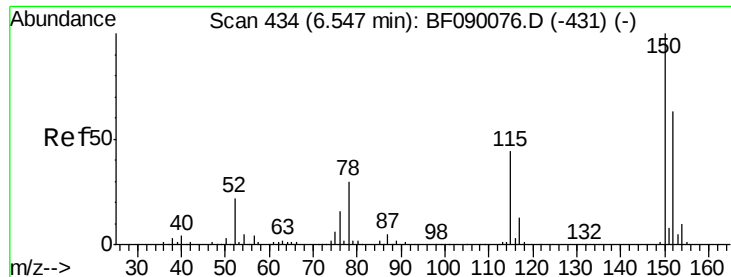
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF090115.D

Acq: 16 Sep 2016 19:25

Instrument :

BNA_F

ClientSampleId :

SB-4-8-9

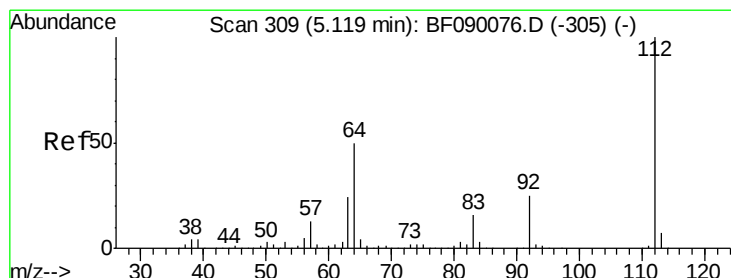
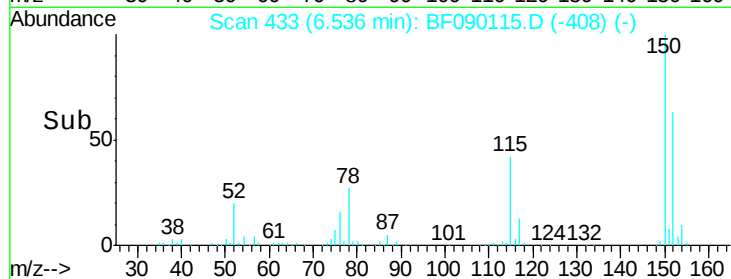
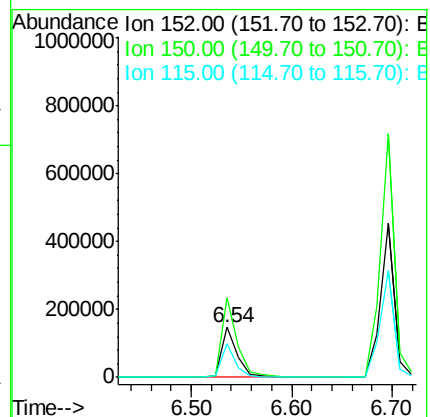
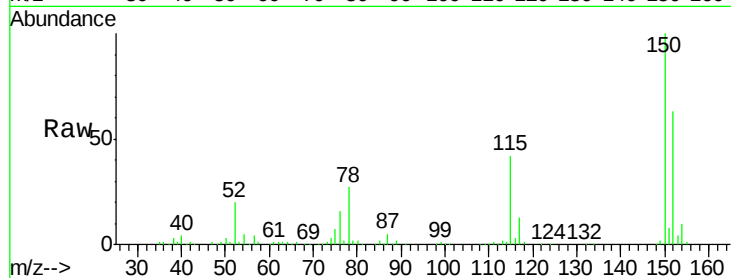
Tot Ion:152 Resp: 160061

Ion Ratio Lower Upper

152 100

150 158.2 128.9 193.3

115 66.1 55.5 83.3



#5

2-Fluorophenol

Concen: 116.83 ng

RT: 5.11 min Scan# 308

Delta R.T. -0.01 min

Lab File: BF090115.D

Acq: 16 Sep 2016 19:25

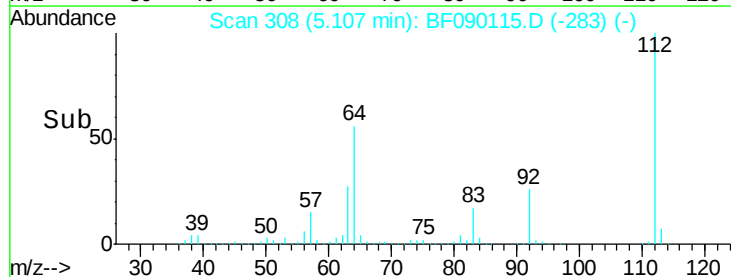
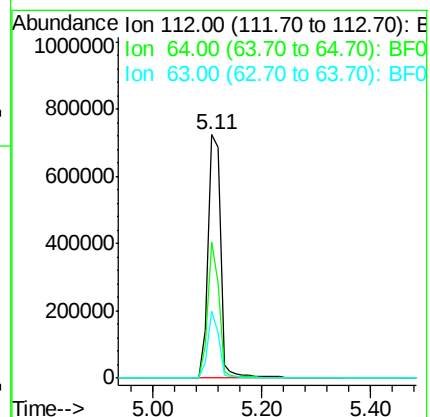
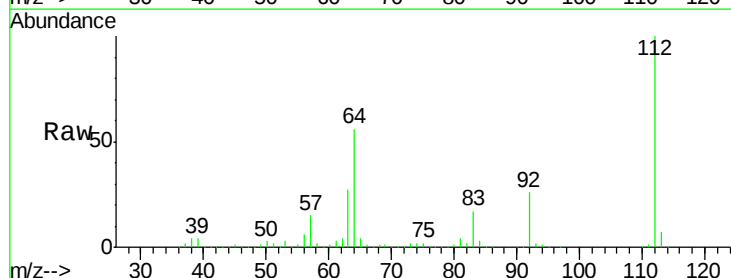
Tgt Ion:112 Resp: 1162738

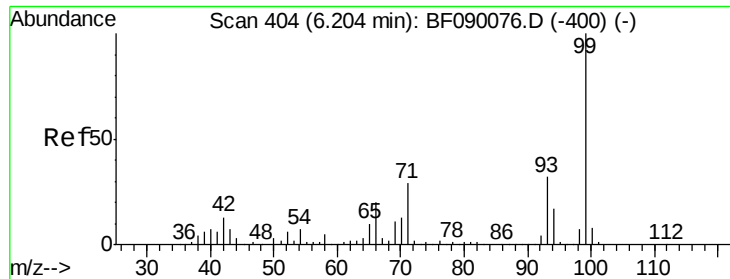
Ion Ratio Lower Upper

112 100

64 55.9 39.8 59.6

63 27.4 18.9 28.3





#7

Phenol-d6

Concen: 111.37 ng

RT: 6.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF090115.D

Acq: 16 Sep 2016 19:25

Instrument :

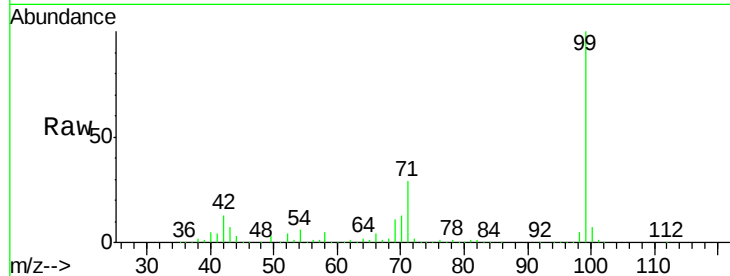
BNA_F

ClientSampleId :

SB-4-8-9

Tot Ion: 99 Resp: 1451077

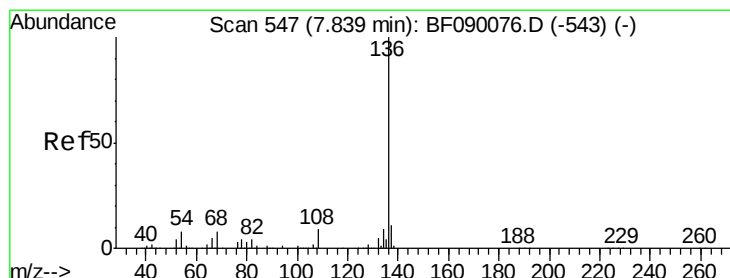
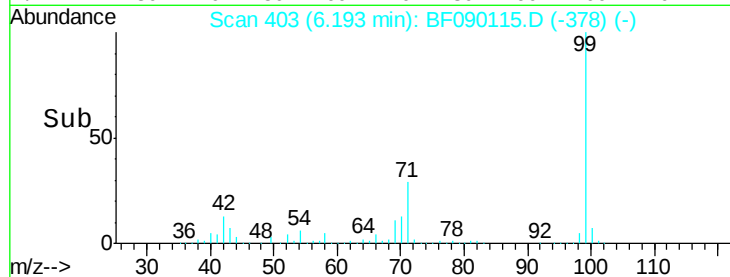
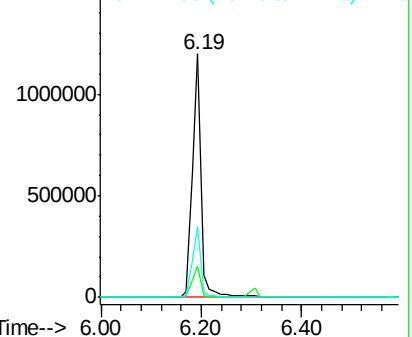
Ion	Ratio	Lower	Upper
99	100		
42	12.6	10.6	15.8
71	29.2	23.0	34.6



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: 7.83 min Scan# 546

Delta R.T. -0.01 min

Lab File: BF090115.D

Acq: 16 Sep 2016 19:25

Tgt Ion: 136 Resp: 666289

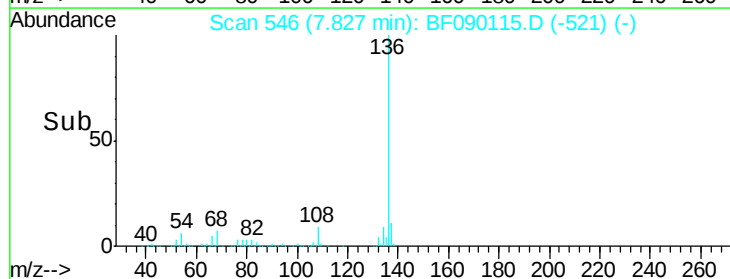
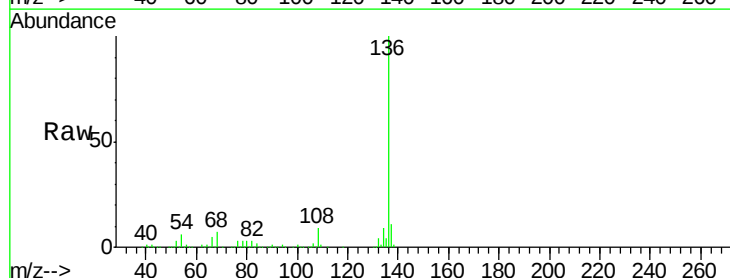
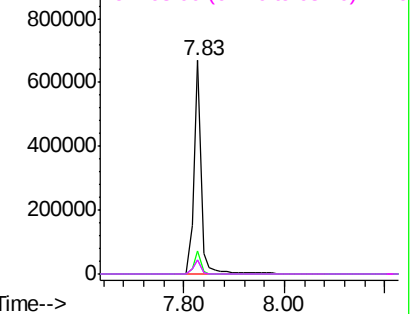
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.4	6.4	9.6#
68	6.7	6.3	9.5

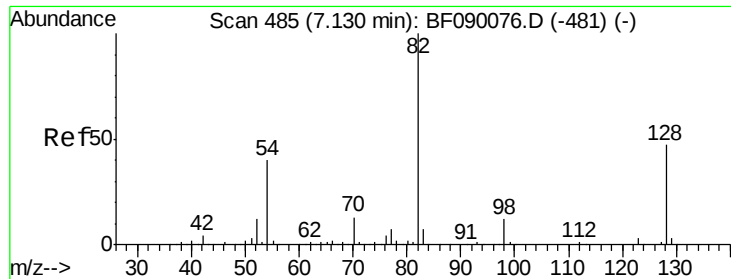
Abundance Ion 136.00 (135.70 to 136.70): E

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

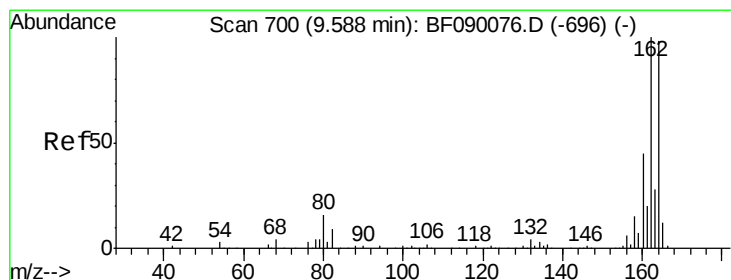
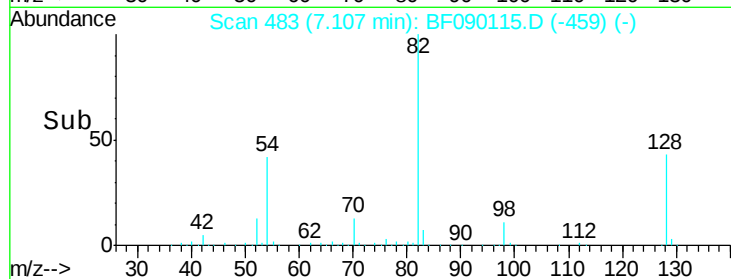
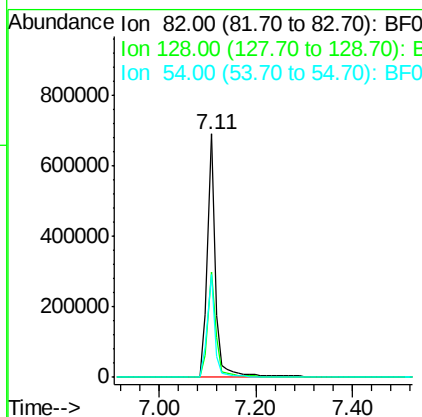
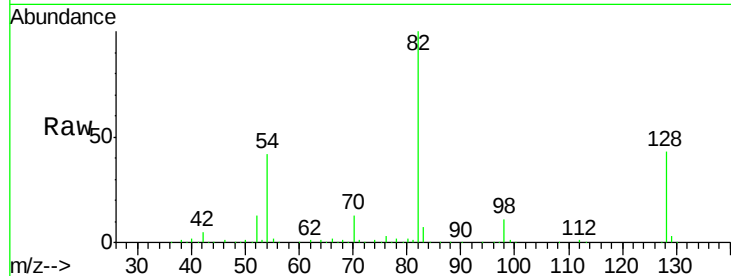




#23
 Nitrobenzene-d5
 Concen: 69.44 ng
 RT: 7.11 min Scan# 483
 Delta R.T. -0.02 min
 Lab File: BF090115.D
 Acq: 16 Sep 2016 19:25

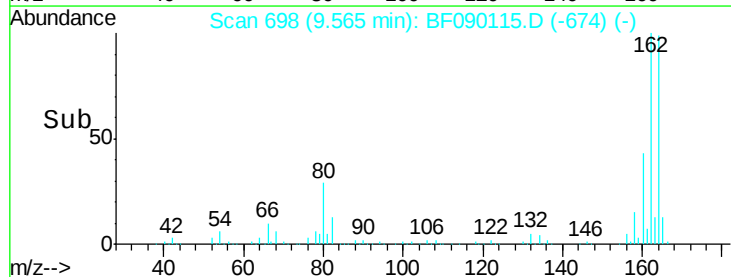
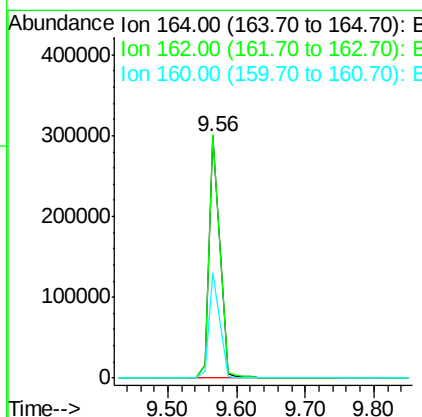
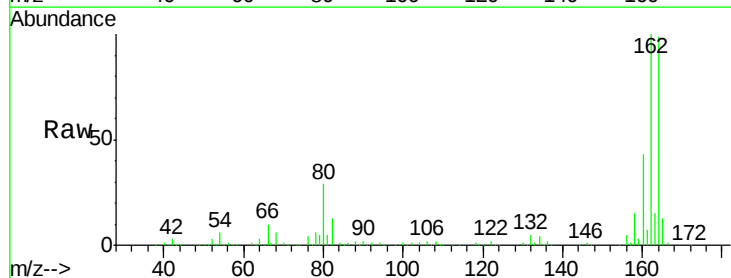
Instrument :
 BNA_F
 ClientSampleID :
 SB-4-8-9

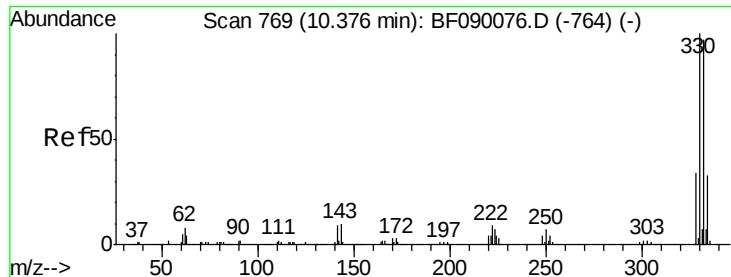
Tot Ion: 82 Resp: 822880
 Ion Ratio Lower Upper
 82 100
 128 43.4 37.5 56.3
 54 42.5 31.9 47.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.56 min Scan# 698
 Delta R.T. -0.02 min
 Lab File: BF090115.D
 Acq: 16 Sep 2016 19:25

Tgt Ion: 164 Resp: 334254
 Ion Ratio Lower Upper
 164 100
 162 100.6 81.4 122.2
 160 43.7 36.6 54.8

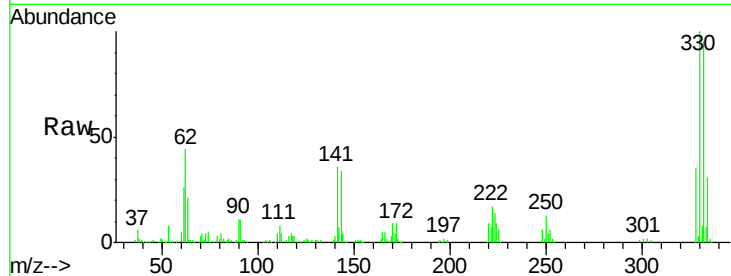




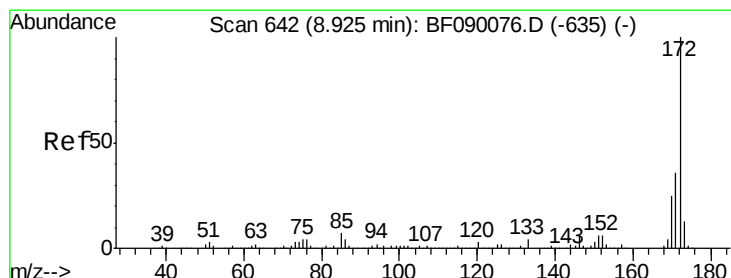
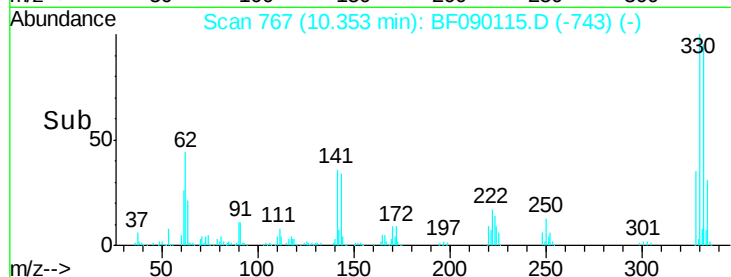
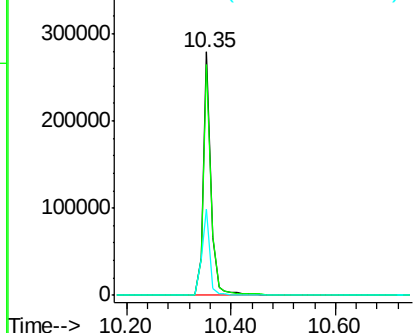
#41
 2,4,6-Tribromophenol
 Concen: 86.51 ng
 RT: 10.35 min Scan# 767
 Delta R.T. -0.02 min
 Lab File: BF090115.D
 Acq: 16 Sep 2016 19:25

Instrument :
 BNA_F
 ClientSampleId :
 SB-4-8-9

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.1	117.1
141	37.3	23.9	35.9#

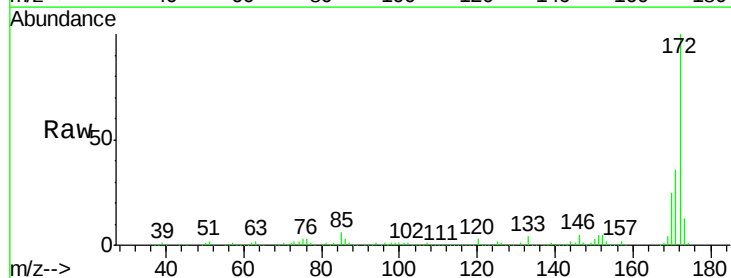


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

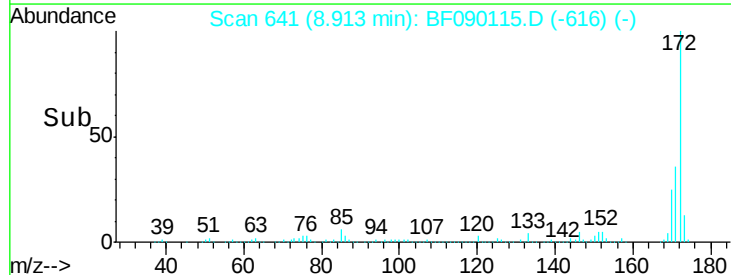
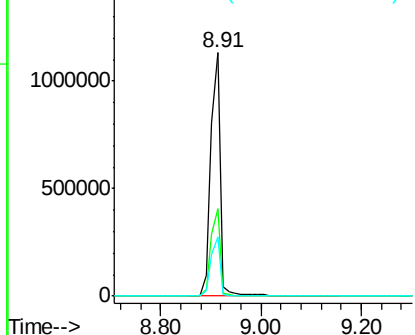


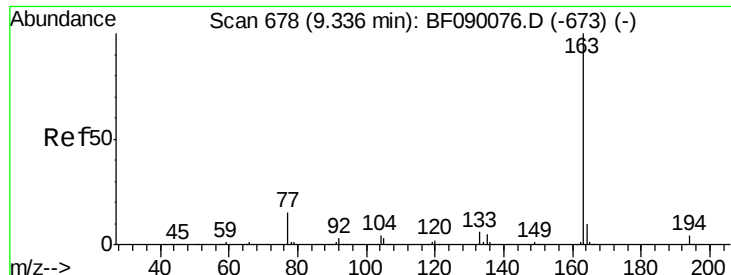
#44
 2-Fluorobiphenyl
 Concen: 70.32 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BF090115.D
 Acq: 16 Sep 2016 19:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.2	43.8
170	24.6	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

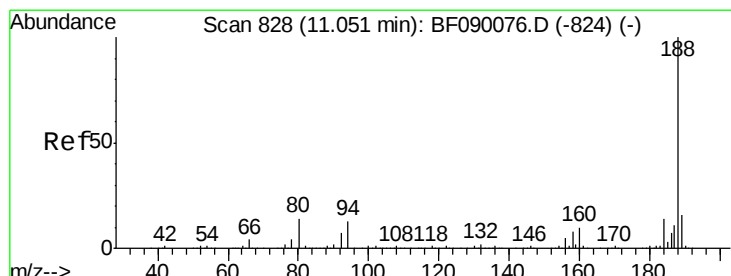
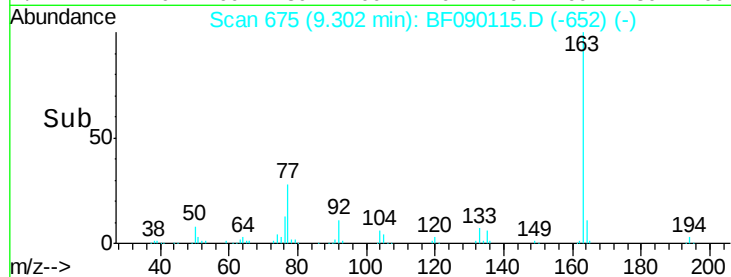
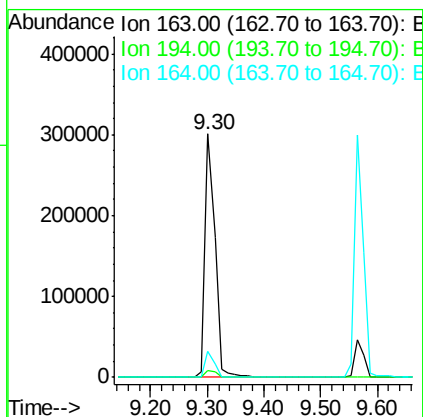
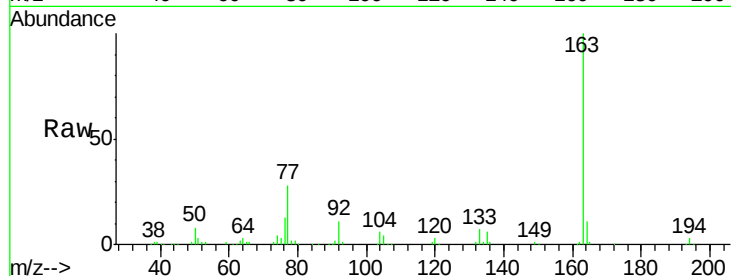




#49
Dimethylphthalate
Concen: 14.17 ng
RT: 9.30 min Scan# 675
Delta R.T. -0.03 min
Lab File: BF090115.D
Acq: 16 Sep 2016 19:25

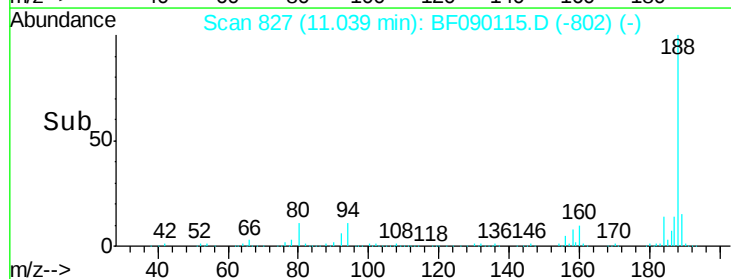
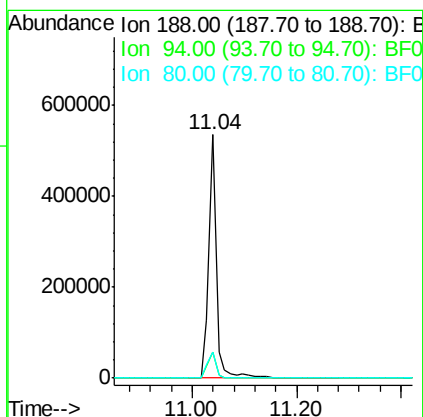
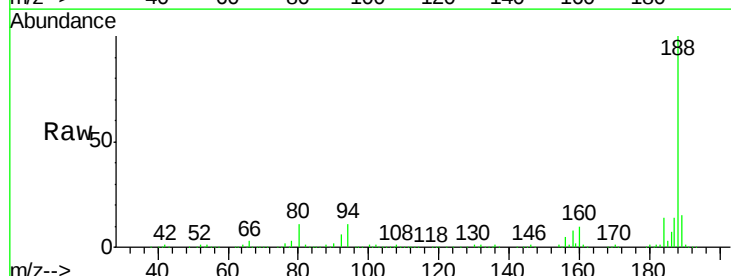
Instrument :
BNA_F
ClientSampleId :
SB-4-8-9

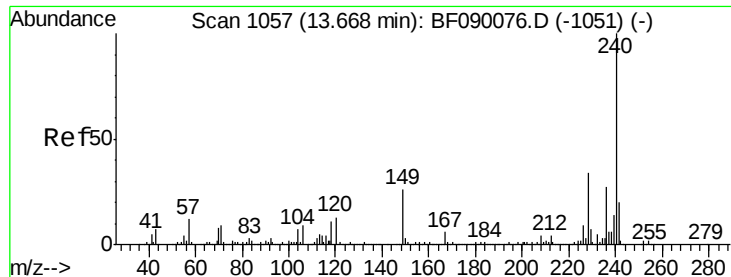
Tot Ion:163 Resp: 351789
Ion Ratio Lower Upper
163 100
194 3.0 2.8 4.2
164 10.5 8.1 12.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.04 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF090115.D
Acq: 16 Sep 2016 19:25

Tgt Ion:188 Resp: 546656
Ion Ratio Lower Upper
188 100
94 10.9 10.5 15.7
80 10.8 11.2 16.8#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.65 min Scan# 1055

Delta R.T. -0.02 min

Lab File: BF090115.D

Acq: 16 Sep 2016 19:25

Instrument :

BNA_F

ClientSampleId :

SB-4-8-9

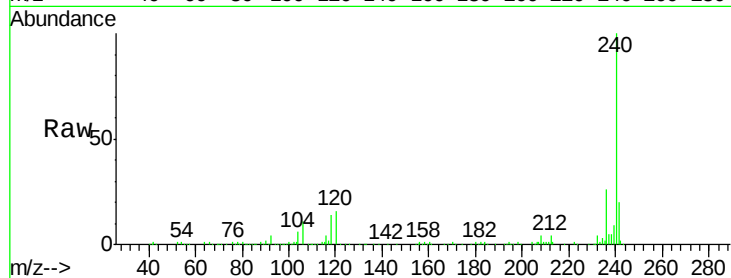
Tot Ion:240 Resp: 399826

Ion Ratio Lower Upper

240 100

120 15.8 10.6 16.0

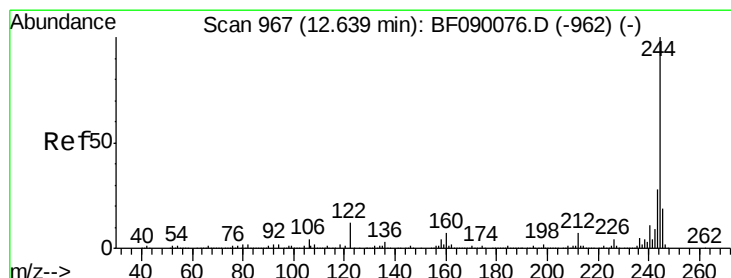
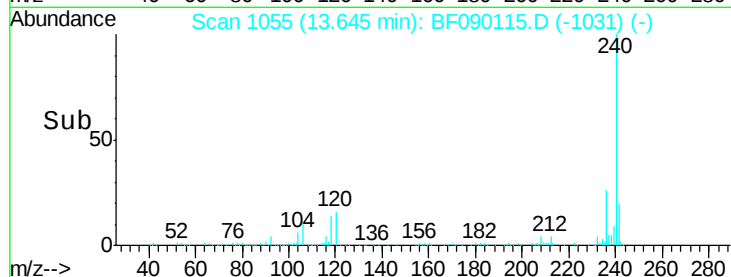
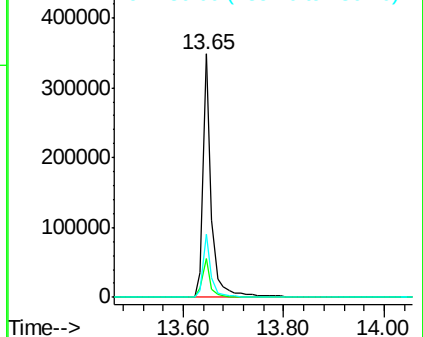
236 26.2 21.6 32.4



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: 69.56 ng

RT: 12.63 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF090115.D

Acq: 16 Sep 2016 19:25

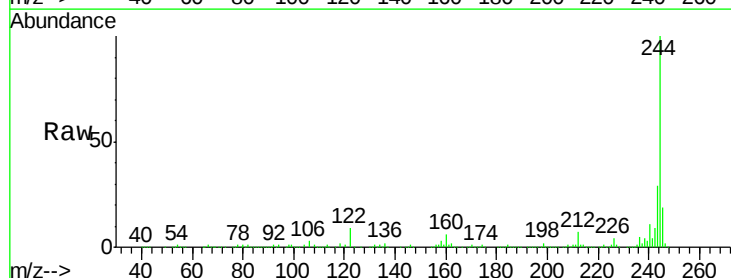
Tgt Ion:244 Resp: 1171142

Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.8

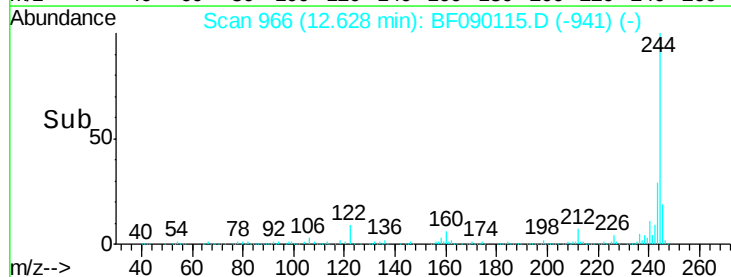
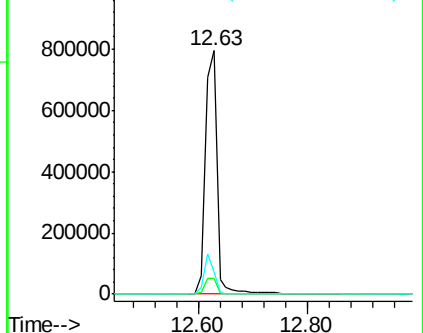
122 9.3 9.4 14.0#

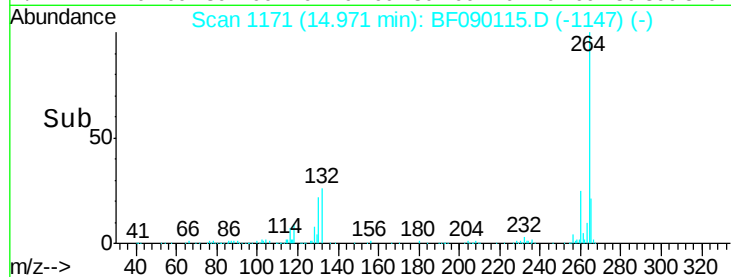
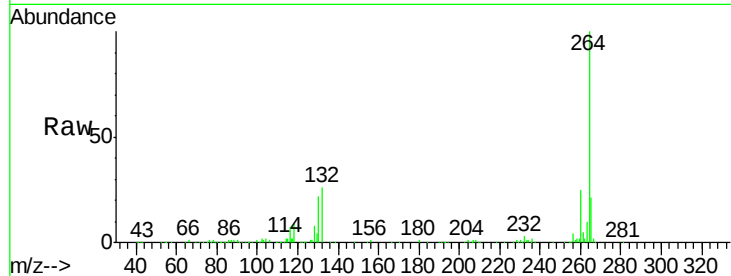
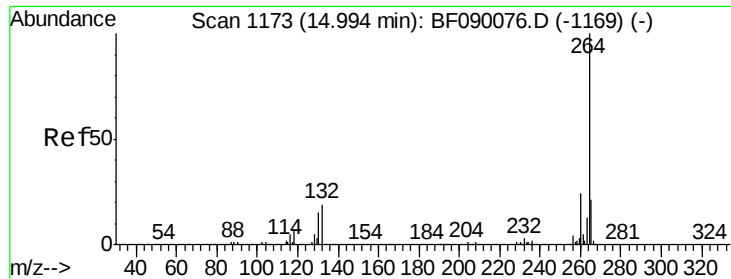


Abundance Ion 244.00 (243.70 to 244.70): E

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: 14.97 min Scan# 1171
Delta R.T. -0.02 min
Lab File: BF090115.D
Acq: 16 Sep 2016 19:25

Instrument :
BNA_F
ClientSampleId :
SB-4-8-9

Tot Ion:	264	Resp:	316631
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.5	17.0	25.4

