

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
 Data File : BF090366.D
 Acq On : 5 Oct 2016 2:23
 Operator : UM/SJ
 Sample : H5065-02 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-BC-2-10032016

Quant Time: Oct 05 03:05:10 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 04 14:16:07 2016
 Response via : Initial Calibration

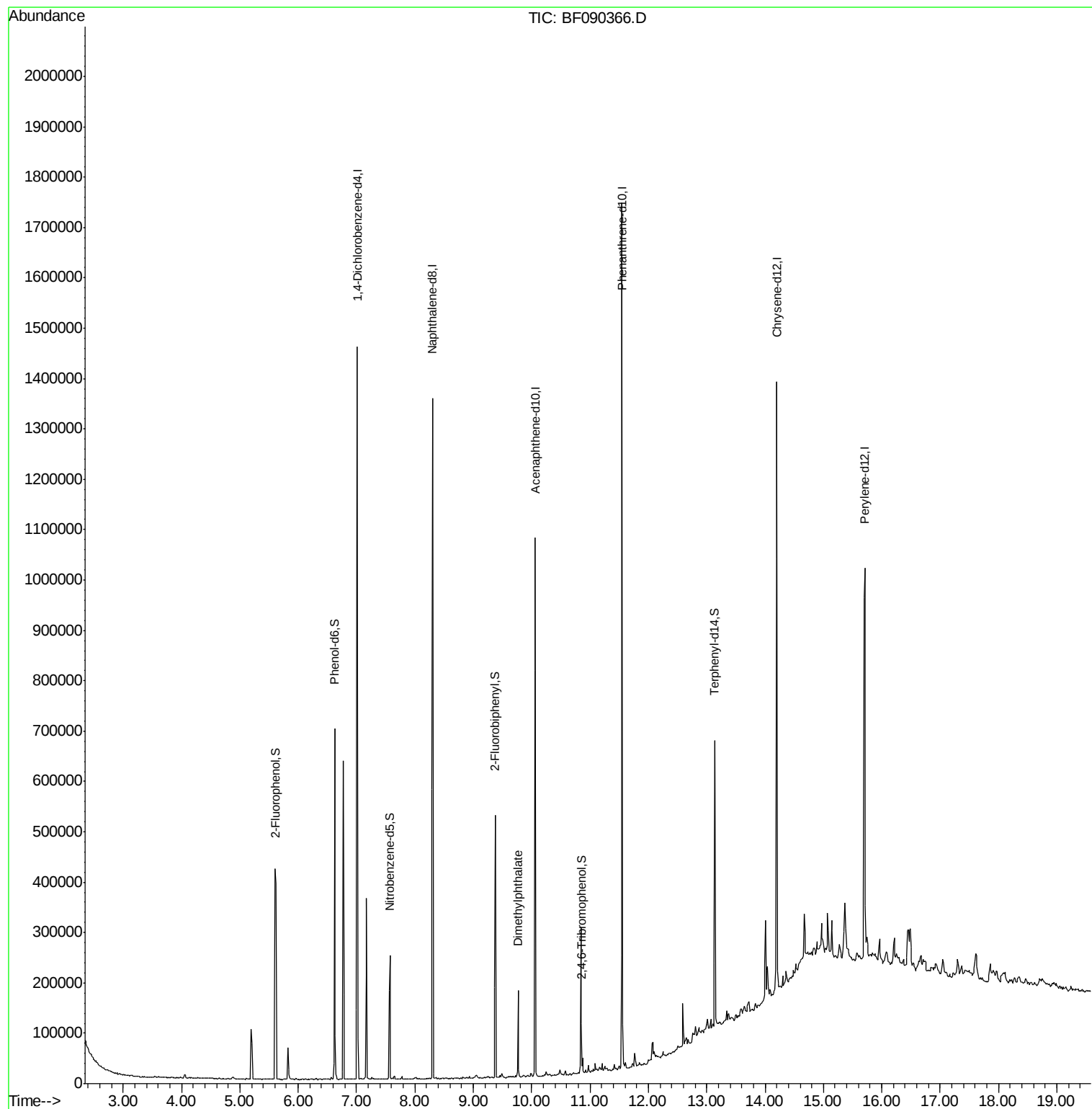
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	177604	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	640532	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	286345	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	512230	20.00	ng	0.00
75) Chrysene-d12	14.20	240	495858	20.00	ng	0.00
86) Perylene-d12	15.71	264	390216	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	153315	13.62	ng	0.00
7) Phenol-d6	6.62	99	198621	14.11	ng	0.00
23) Nitrobenzene-d5	7.57	82	102192	9.30	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	24977	10.04	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	159978	9.11	ng	0.00
78) Terphenyl-d14	13.14	244	154413	7.25	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.77	163	54523	3.22	ng	Qvalue 98

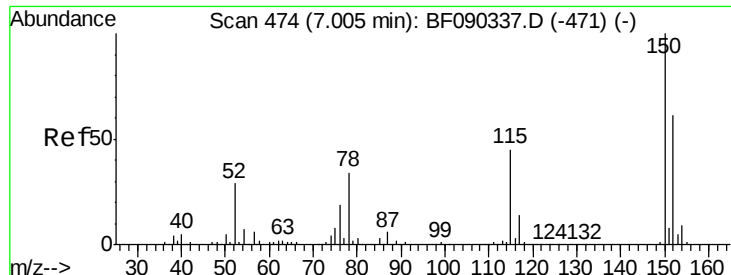
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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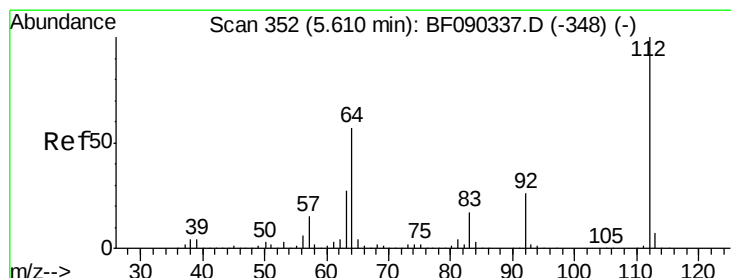
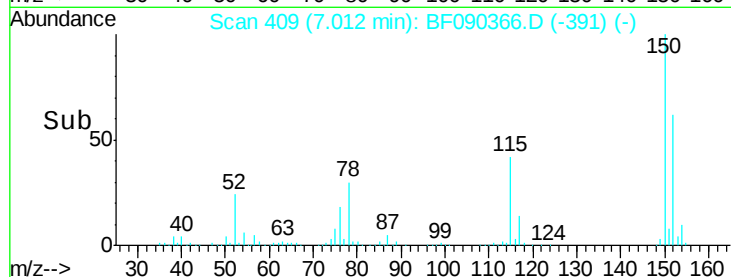
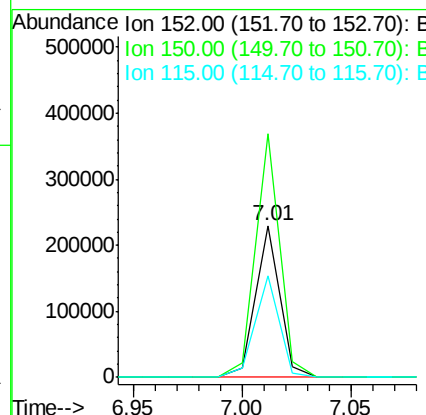
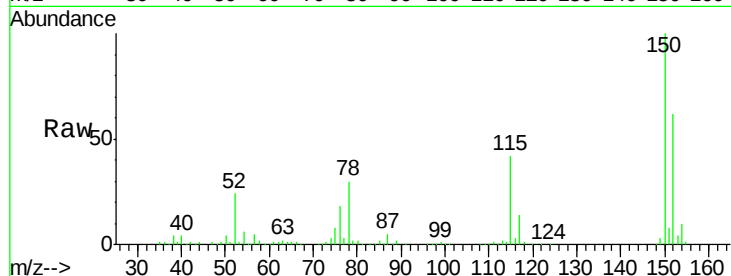




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.01 min Scan# 409
 Delta R.T. 0.01 min
 Lab File: BF090366.D
 Acq: 5 Oct 2016 2:23

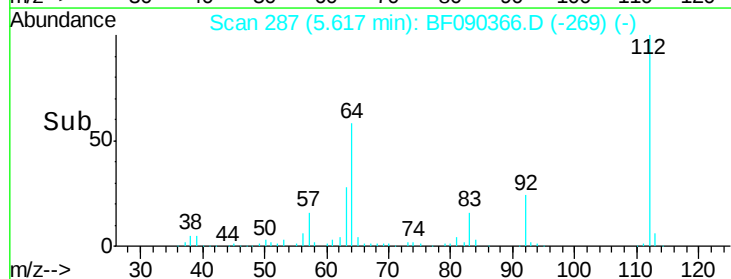
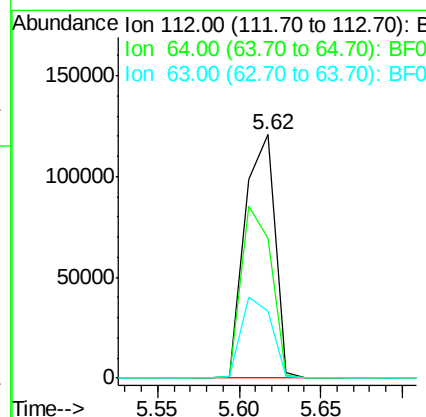
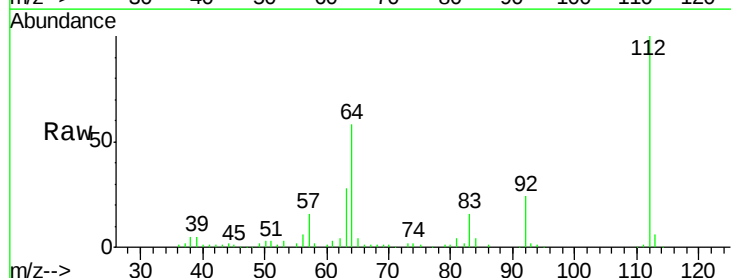
Instrument :
 BNA_F
 ClientSampleId :
 SB-BC-2-10032016

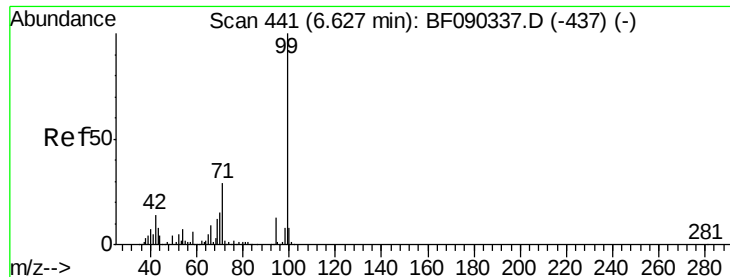
Tgt Ion:152 Resp: 177604
 Ion Ratio Lower Upper
 152 100
 150 160.7 124.6 186.8
 115 67.4 46.2 69.4



#5
 2-Fluorophenol
 Concen: 13.62 ng
 RT: 5.62 min Scan# 287
 Delta R.T. 0.01 min
 Lab File: BF090366.D
 Acq: 5 Oct 2016 2:23

Tgt Ion:112 Resp: 153315
 Ion Ratio Lower Upper
 112 100
 64 57.7 57.9 86.9#
 63 27.6 29.6 44.4#





#7

Phenol-d6

Concen: 14.11 ng

RT: 6.62 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF090366.D

Acq: 5 Oct 2016 2:23

Instrument :

BNA_F

ClientSampleId :

SB-BC-2-10032016

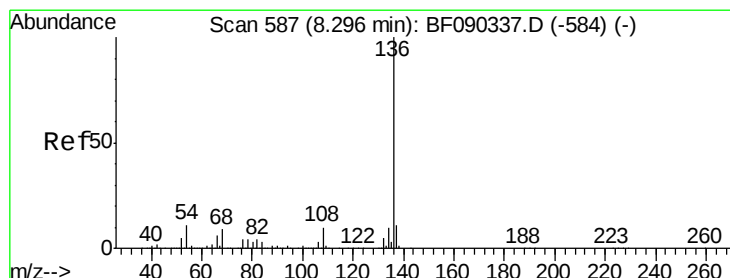
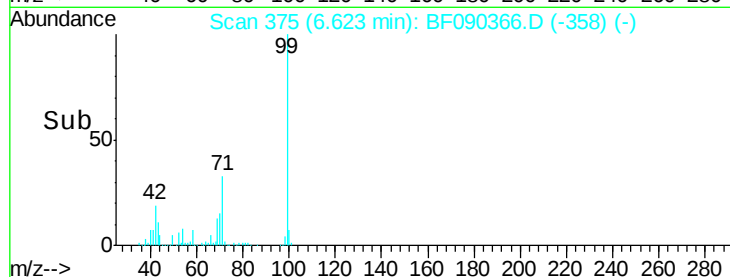
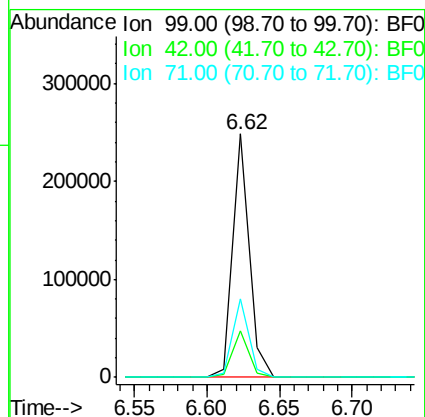
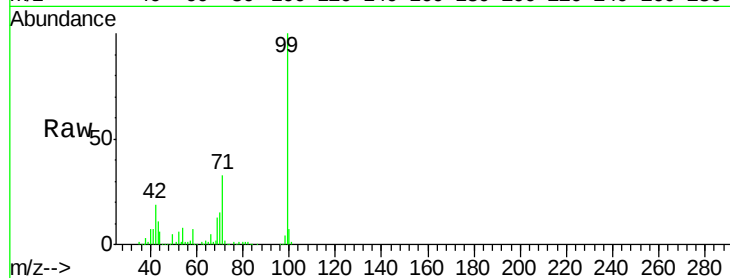
Tgt Ion: 99 Resp: 198621

Ion Ratio Lower Upper

99 100

42 19.0 20.0 30.0#

71 32.5 27.9 41.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.30 min Scan# 522

Delta R.T. 0.01 min

Lab File: BF090366.D

Acq: 5 Oct 2016 2:23

Tgt Ion: 136 Resp: 640532

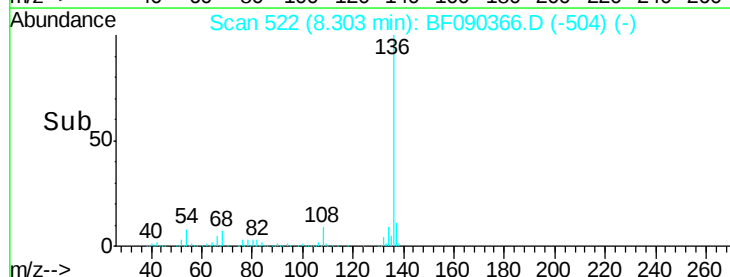
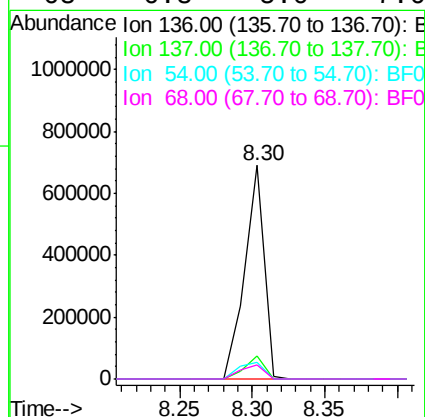
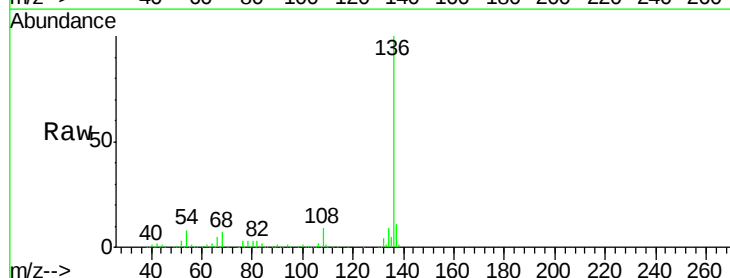
Ion Ratio Lower Upper

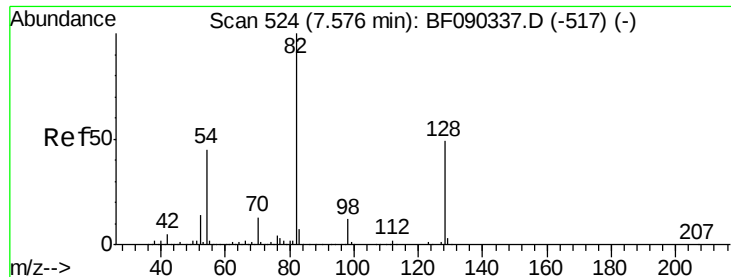
136 100

137 10.6 9.0 13.6

54 7.7 6.6 10.0

68 6.8 5.0 7.6

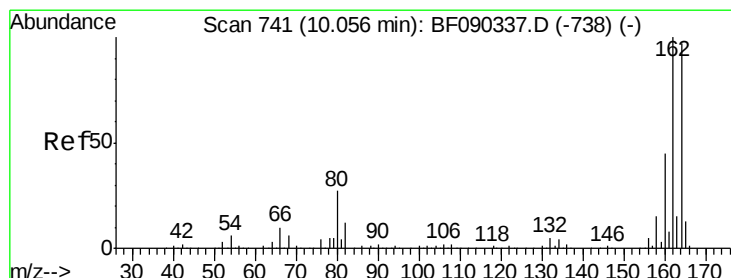
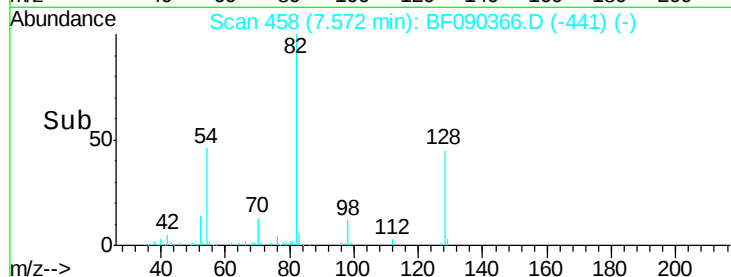
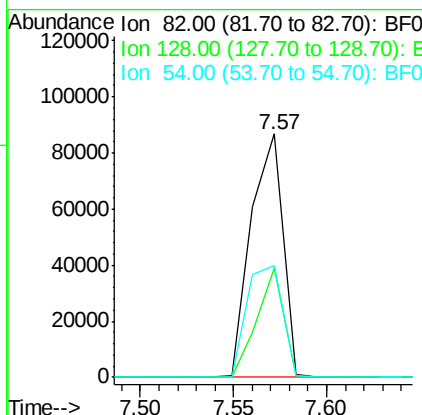
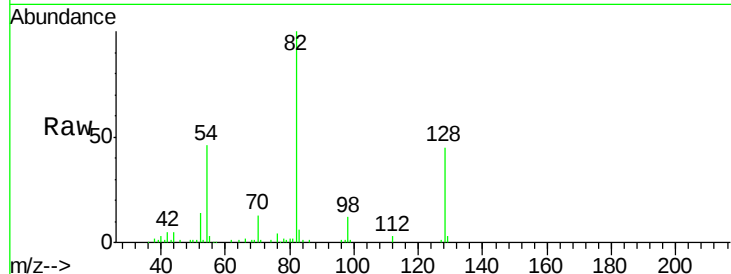




#23
 Nitrobenzene-d5
 Concen: 9.30 ng
 RT: 7.57 min Scan# 458
 Delta R.T. -0.00 min
 Lab File: BF090366.D
 Acq: 5 Oct 2016 2:23

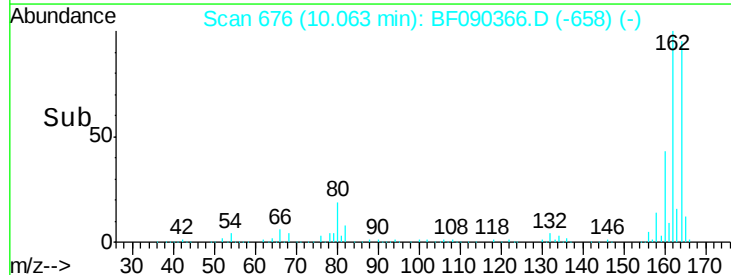
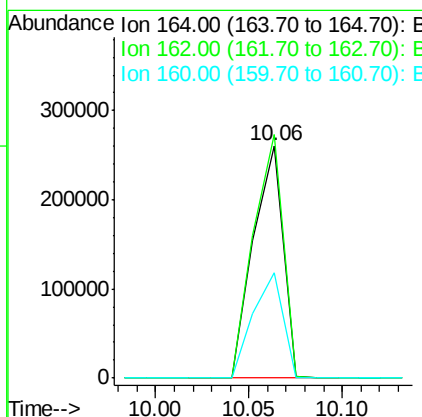
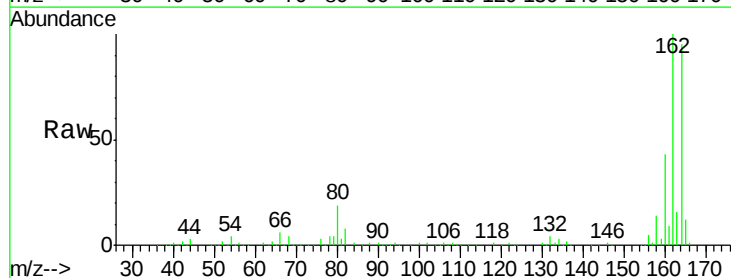
Instrument :
 BNA_F
 ClientSampleId :
 SB-BC-2-10032016

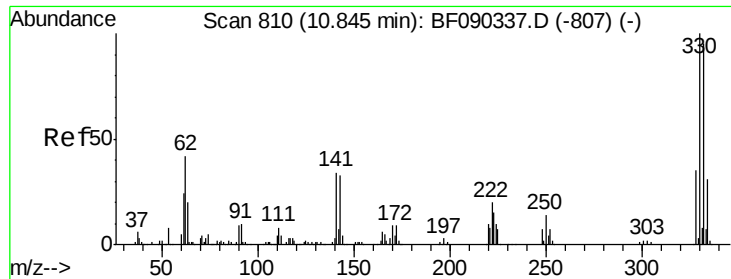
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.8	40.0	60.0
54	46.1	42.6	64.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.06 min Scan# 676
 Delta R.T. 0.01 min
 Lab File: BF090366.D
 Acq: 5 Oct 2016 2:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	80.1	120.1
160	45.5	36.3	54.5

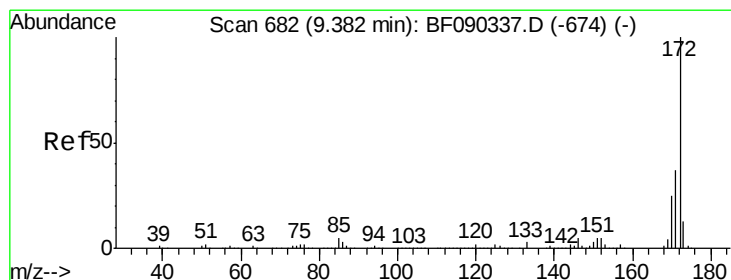
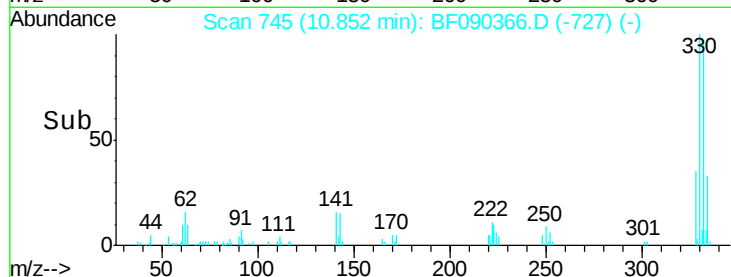
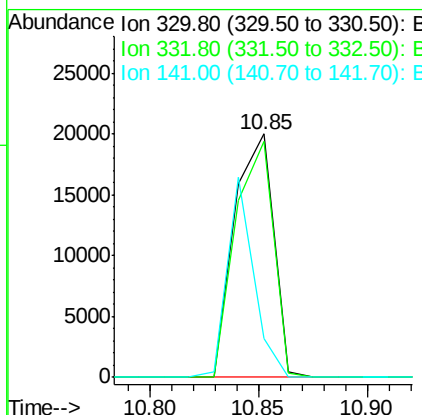
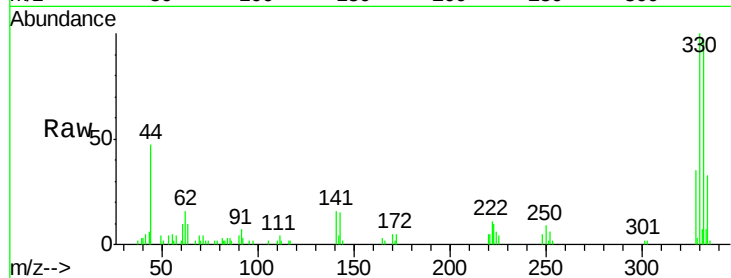




#41
 2,4,6-Tribromophenol
 Concen: 10.04 ng
 RT: 10.85 min Scan# 745
 Delta R.T. 0.01 min
 Lab File: BF090366.D
 Acq: 5 Oct 2016 2:23

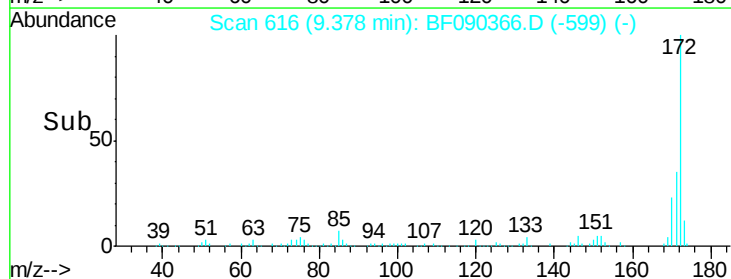
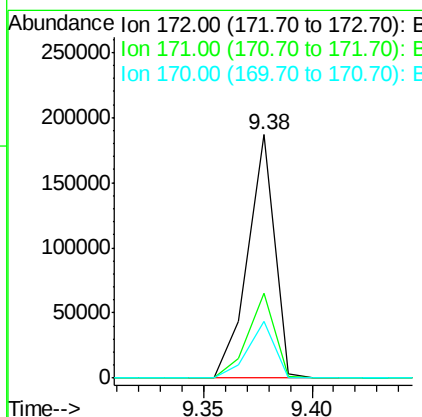
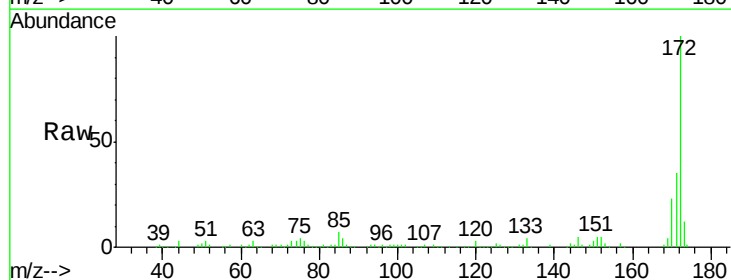
Instrument :
 BNA_F
 ClientSampleId :
 SB-BC-2-10032016

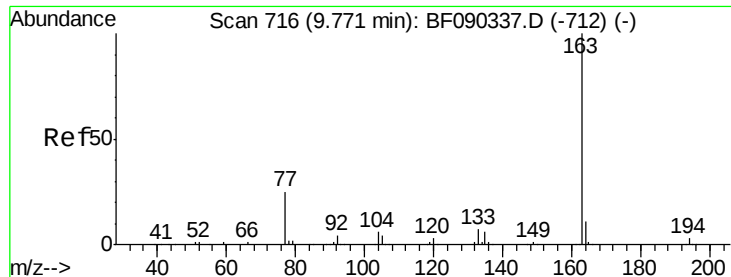
Tgt Ion:330 Resp: 24977
 Ion Ratio Lower Upper
 330 100
 332 94.2 75.4 113.0
 141 55.0 26.9 40.3#



#44
 2-Fluorobiphenyl
 Concen: 9.11 ng
 RT: 9.38 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF090366.D
 Acq: 5 Oct 2016 2:23

Tgt Ion:172 Resp: 159978
 Ion Ratio Lower Upper
 172 100
 171 34.9 31.8 47.8
 170 23.4 21.7 32.5





#49

Dimethylphthalate

Concen: 3.22 ng

RT: 9.77 min Scan# 650

Delta R.T. -0.00 min

Lab File: BF090366.D

Acq: 5 Oct 2016 2:23

Instrument :

BNA_F

ClientSampleId :

SB-BC-2-10032016

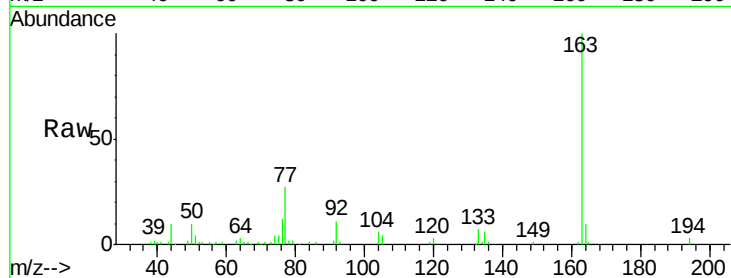
Tgt Ion:163 Resp: 54523

Ion Ratio Lower Upper

163 100

194 3.0 2.8 4.2

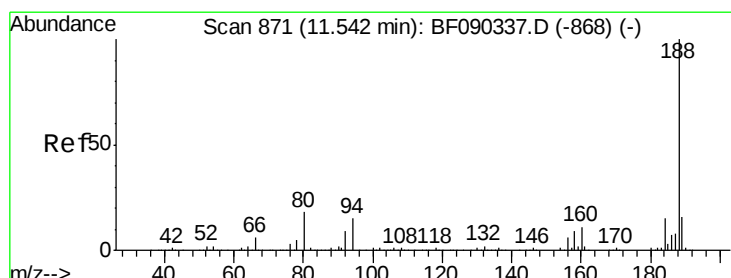
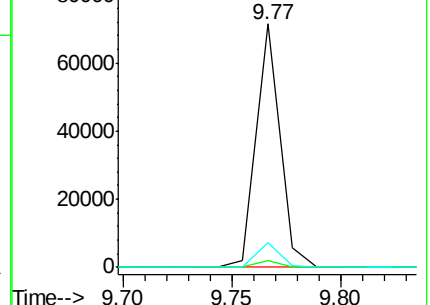
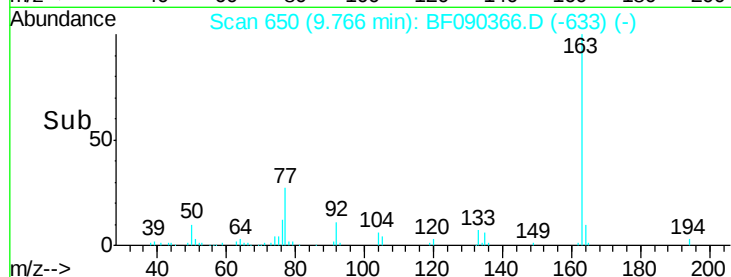
164 10.4 9.0 13.4



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: 11.55 min Scan# 806

Delta R.T. 0.01 min

Lab File: BF090366.D

Acq: 5 Oct 2016 2:23

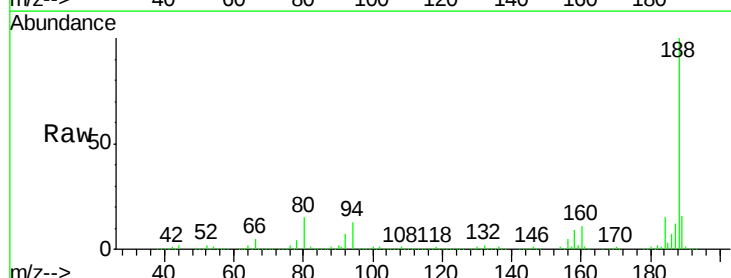
Tgt Ion:188 Resp: 512230

Ion Ratio Lower Upper

188 100

94 12.9 8.2 12.2#

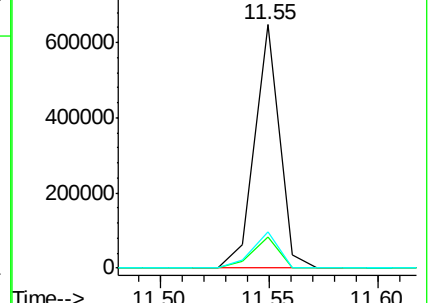
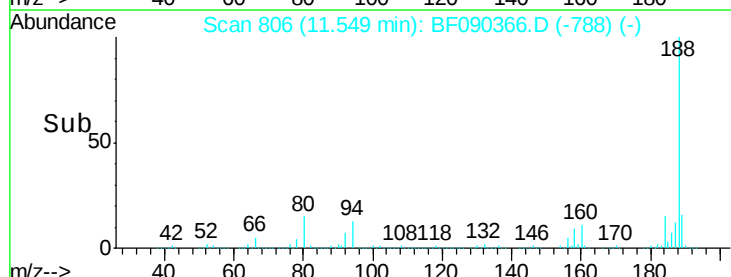
80 14.7 8.8 13.2#

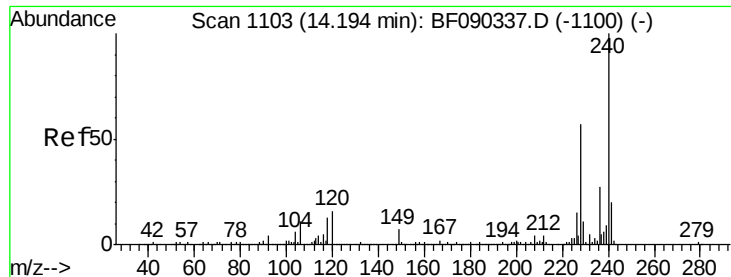


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.20 min Scan# 1038

Delta R.T. 0.01 min

Lab File: BF090366.D

Acq: 5 Oct 2016 2:23

Instrument :

BNA_F

ClientSampleId :

SB-BC-2-10032016

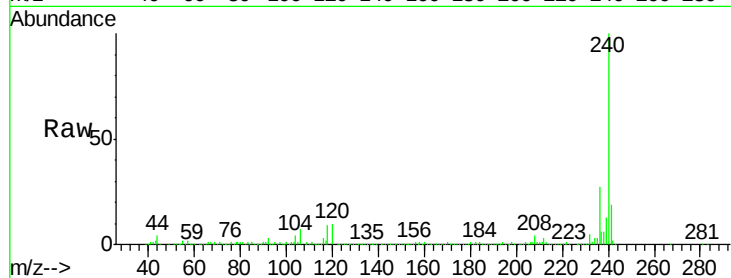
Tgt Ion:240 Resp: 495858

Ion Ratio Lower Upper

240 100

120 10.3 8.6 13.0

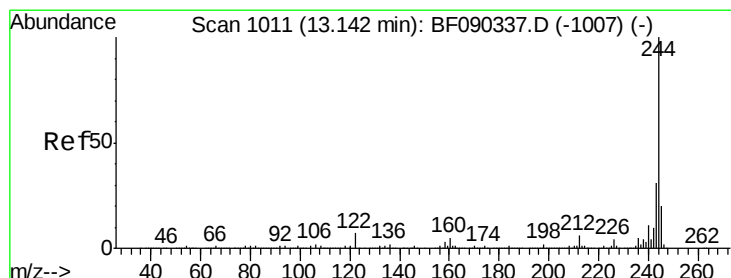
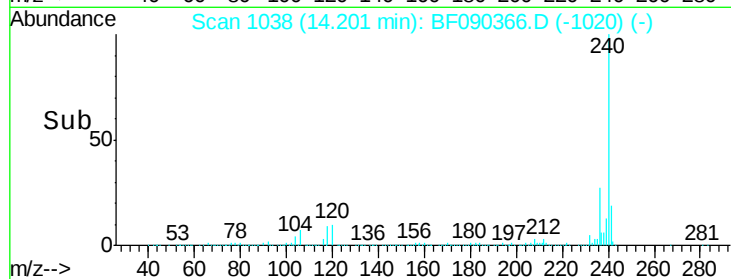
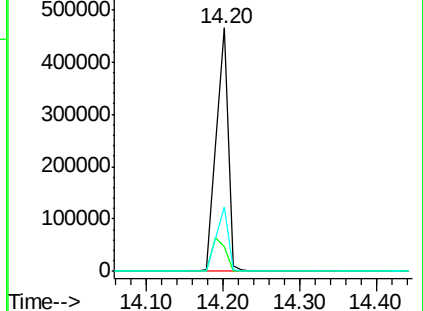
236 26.6 21.6 32.4



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: 7.25 ng

RT: 13.14 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF090366.D

Acq: 5 Oct 2016 2:23

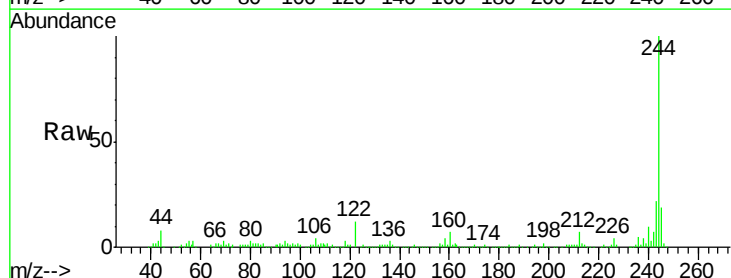
Tgt Ion:244 Resp: 154413

Ion Ratio Lower Upper

244 100

212 7.0 6.8 10.2

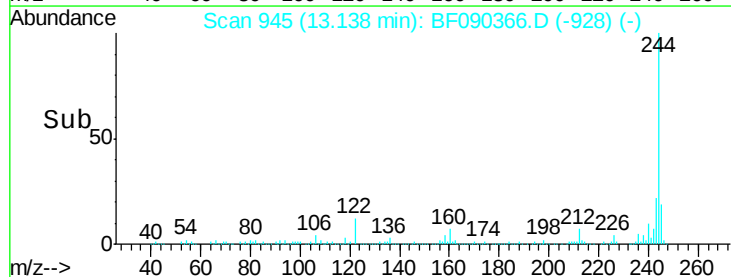
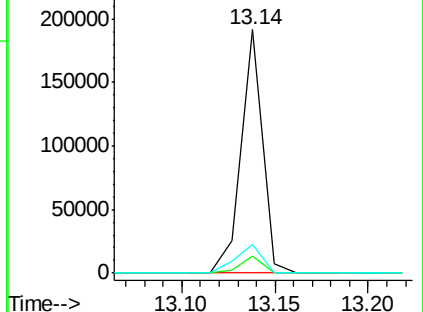
122 11.9 13.3 19.9#

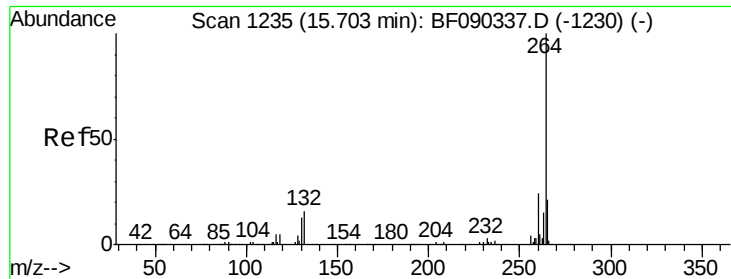


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.71 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BF090366.D
Acq: 5 Oct 2016 2:23

Instrument :
BNA_F
ClientSampleId :
SB-BC-2-10032016

Tgt Ion: 264 Resp: 390216
Ion Ratio Lower Upper
264 100
260 25.3 19.3 28.9
265 21.4 17.4 26.0

