

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100516\
 Data File : BF090402.D
 Acq On : 6 Oct 2016 1:35
 Operator : UM/SJ
 Sample : H5061-18
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B003-18-20

Quant Time: Oct 06 02:17:23 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 14:57:00 2016
 Response via : Initial Calibration

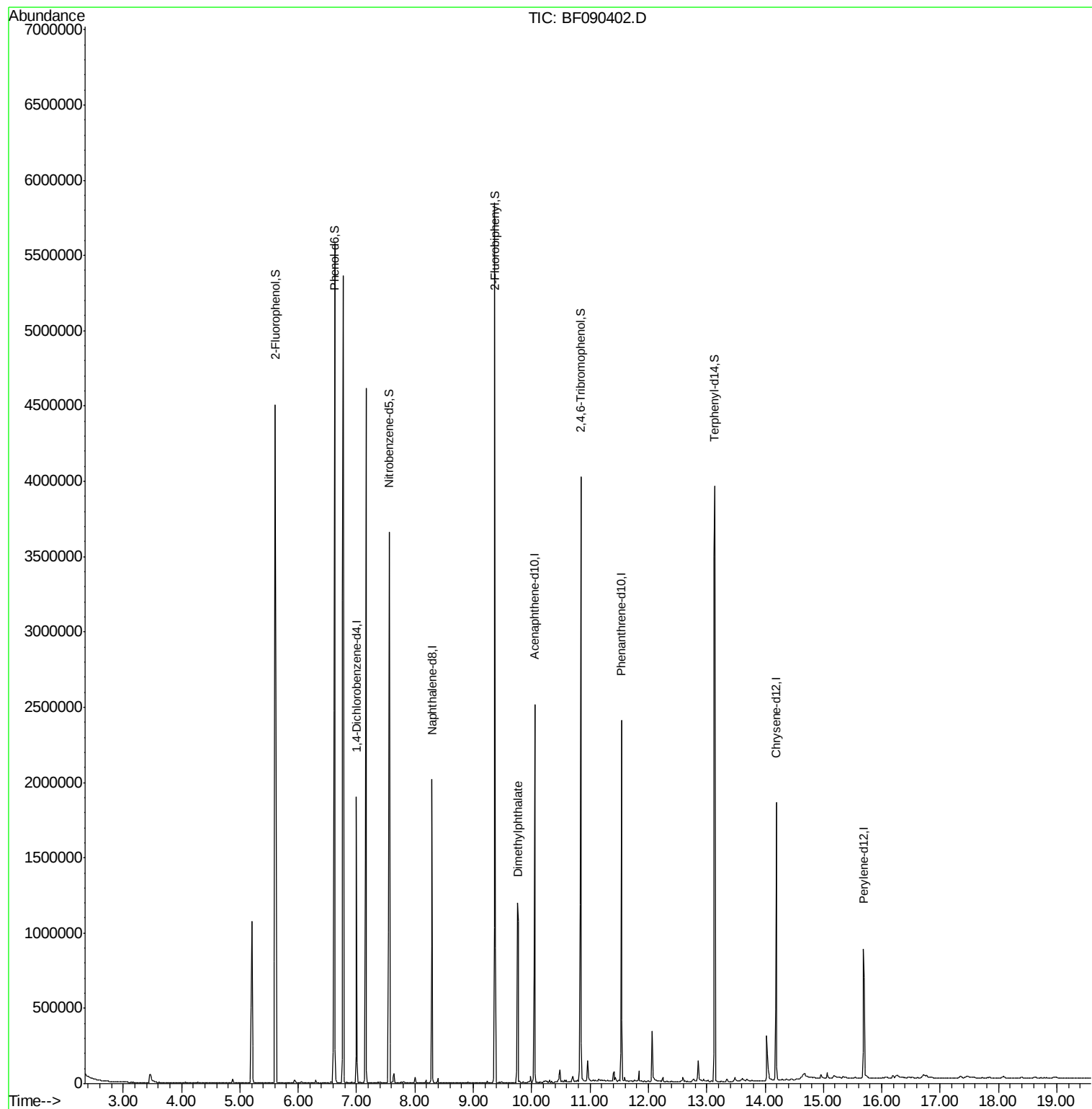
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	234495	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	973326	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	493577	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	734328	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	555257	20.00	ng	-0.01
86) Perylene-d12	15.69	264	405705	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1516884	96.54	ng	0.00
7) Phenol-d6	6.62	99	2012974	97.82	ng	0.00
23) Nitrobenzene-d5	7.56	82	1211605	60.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	398385	99.26	ng	-0.01
44) 2-Fluorobiphenyl	9.37	172	1676147	56.58	ng	-0.01
78) Terphenyl-d14	13.14	244	1698606	68.77	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.77	163	701205	22.18	ng	97

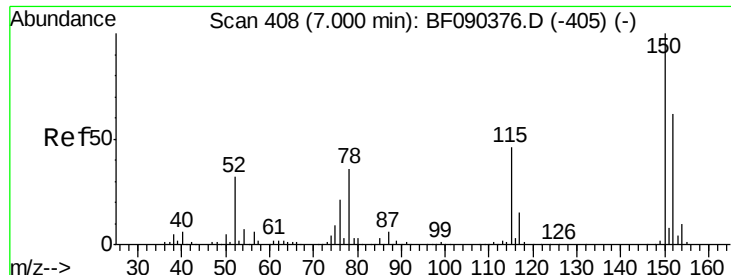
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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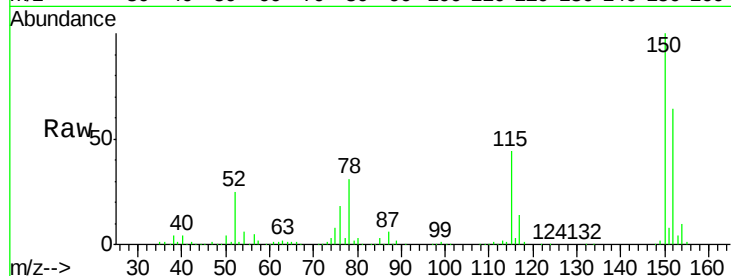




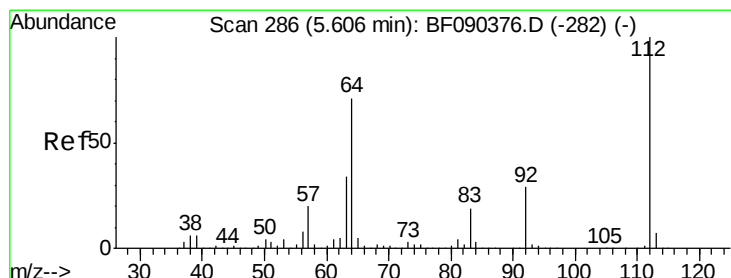
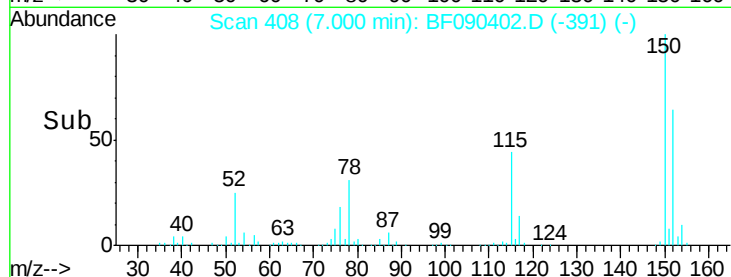
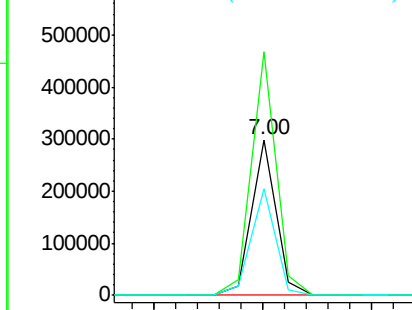
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.00 min Scan# 408
 Delta R.T. -0.00 min
 Lab File: BF090402.D
 Acq: 6 Oct 2016 1:35

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B003-18-20

Tot Ion:152 Resp: 234495
 Ion Ratio Lower Upper
 152 100
 150 156.5 124.6 186.8
 115 68.9 46.2 69.4

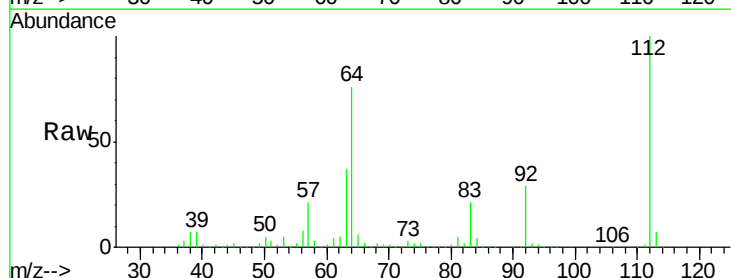


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

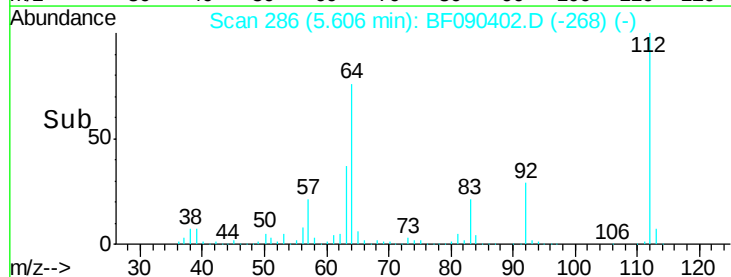
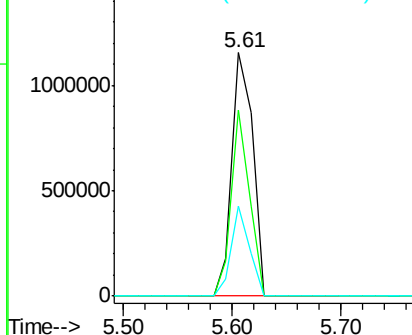


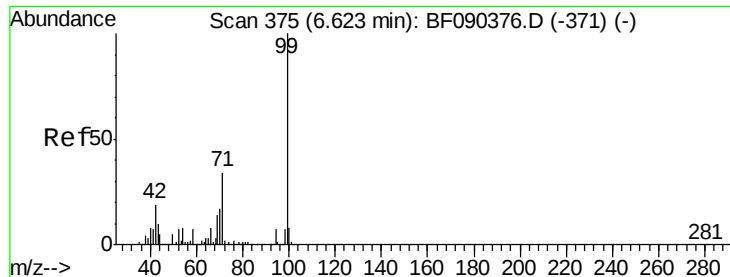
#5
 2-Fluorophenol
 Concen: 96.54 ng
 RT: 5.61 min Scan# 286
 Delta R.T. 0.00 min
 Lab File: BF090402.D
 Acq: 6 Oct 2016 1:35

Tgt Ion:112 Resp: 1516884
 Ion Ratio Lower Upper
 112 100
 64 76.5 57.9 86.9
 63 36.7 29.6 44.4



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: 97.82 ng

RT: 6.62 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF090402.D

Acq: 6 Oct 2016 1:35

Instrument :

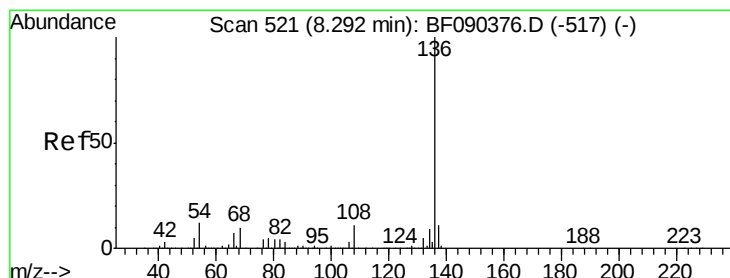
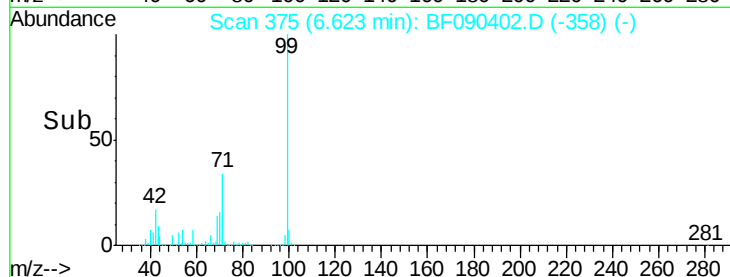
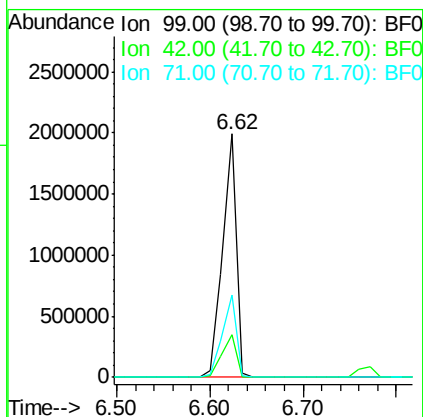
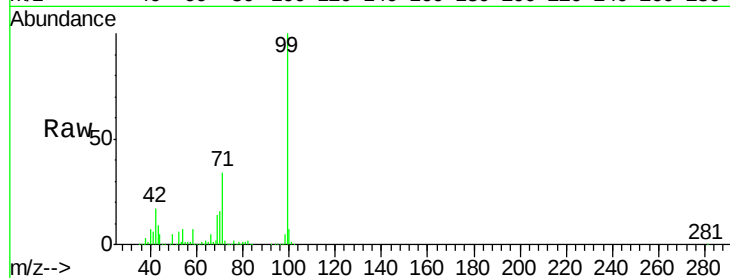
BNA_F

ClientSampleId :

SUP-B003-18-20

Tot Ion: 99 Resp: 2012974

Ion	Ratio	Lower	Upper
99	100		
42	17.4	20.0	30.0#
71	34.0	27.9	41.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.29 min Scan# 521

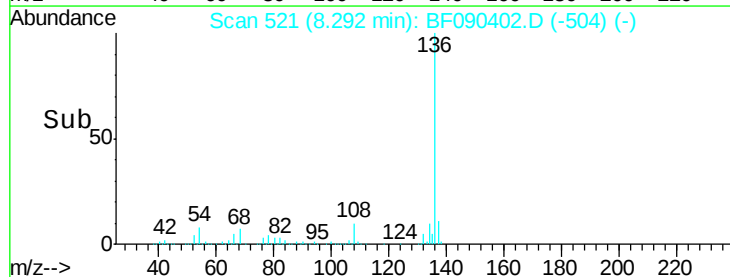
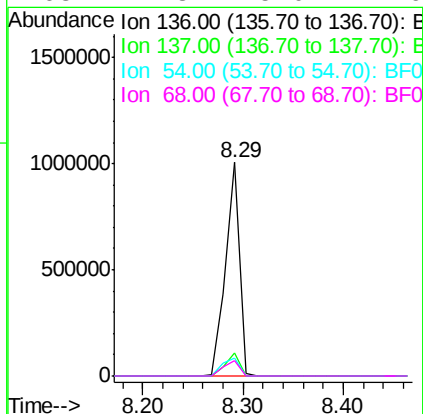
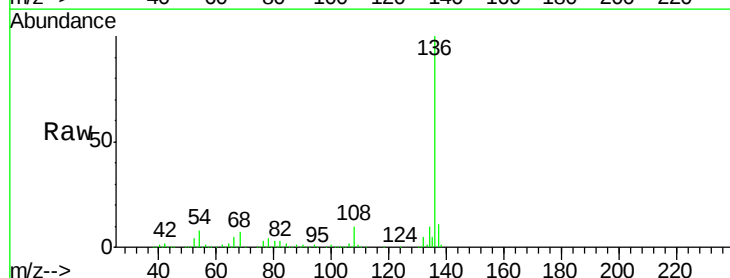
Delta R.T. -0.00 min

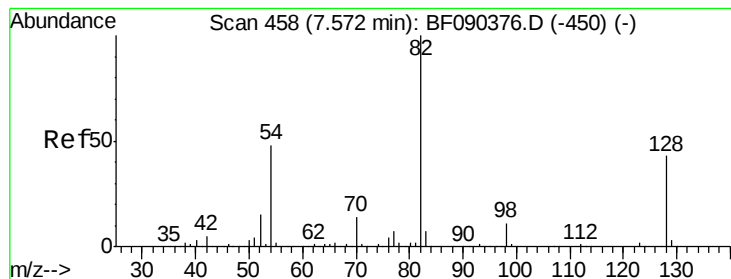
Lab File: BF090402.D

Acq: 6 Oct 2016 1:35

Tgt Ion: 136 Resp: 973326

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	8.4	6.6	10.0
68	7.3	5.0	7.6





#23

Nitrobenzene-d5

Concen: 60.55 ng

RT: 7.56 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF090402.D

Acq: 6 Oct 2016 1:35

Instrument :

BNA_F

ClientSampleId :

SUP-B003-18-20

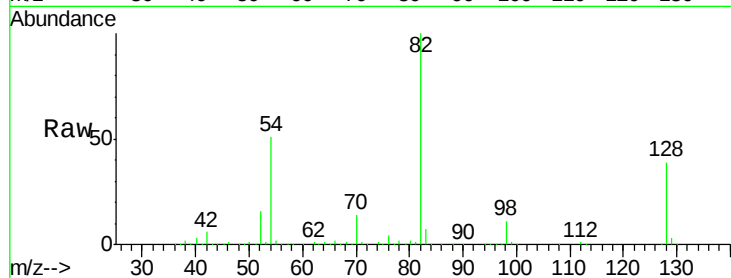
Tot Ion: 82 Resp: 1211605

Ion Ratio Lower Upper

82 100

128 39.4 40.0 60.0#

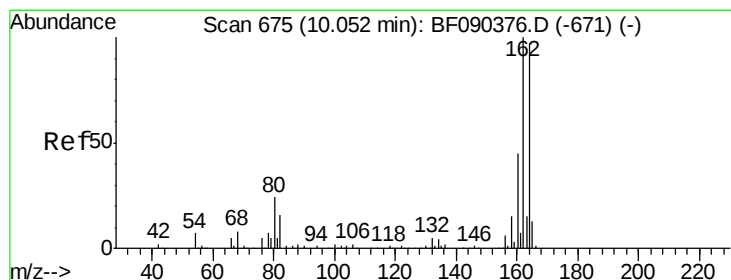
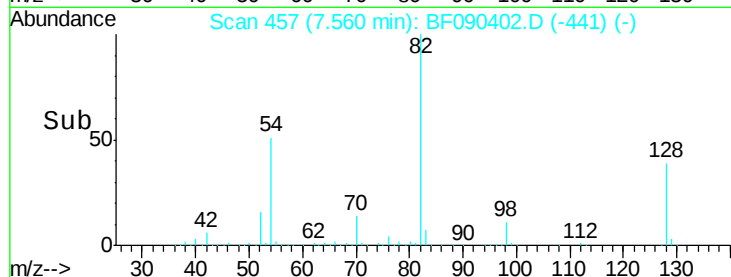
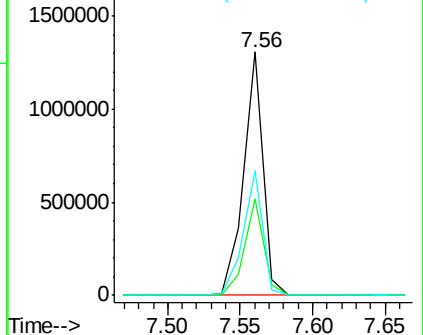
54 51.3 42.6 64.0



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: 10.05 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF090402.D

Acq: 6 Oct 2016 1:35

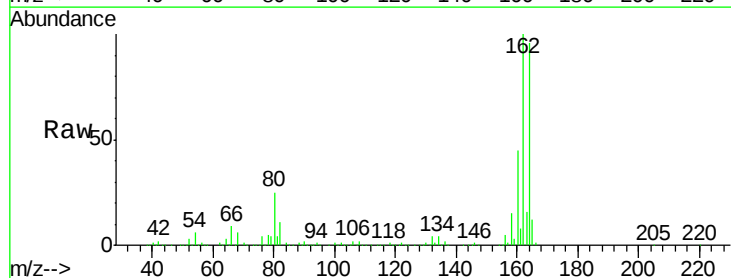
Tgt Ion:164 Resp: 493577

Ion Ratio Lower Upper

164 100

162 104.6 80.1 120.1

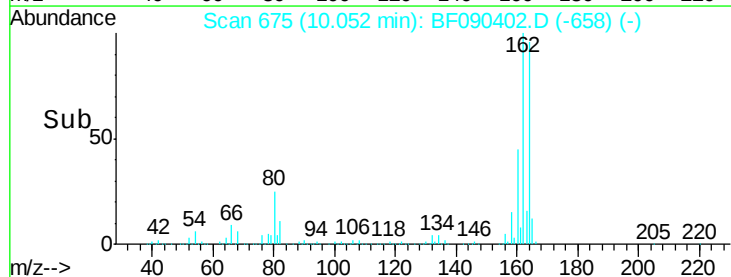
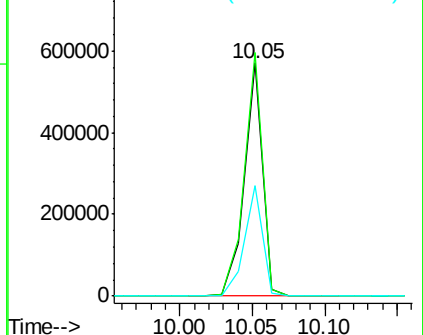
160 47.5 36.3 54.5

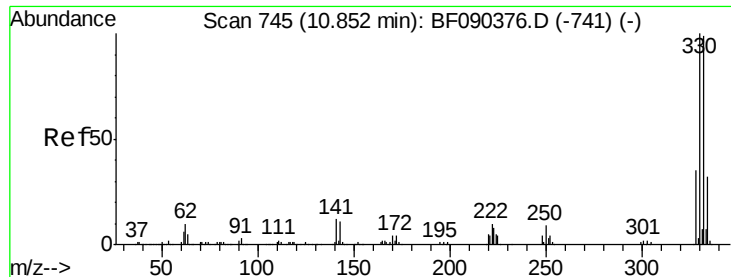


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

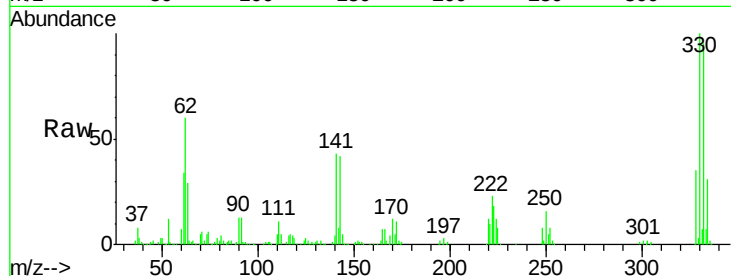




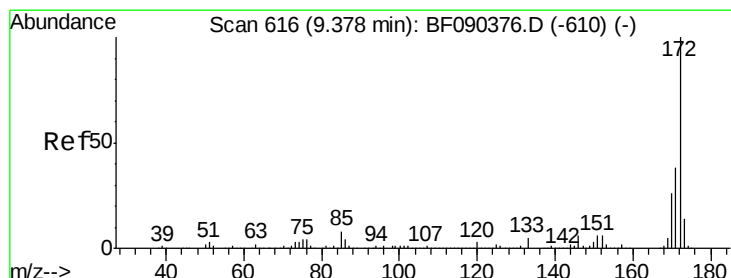
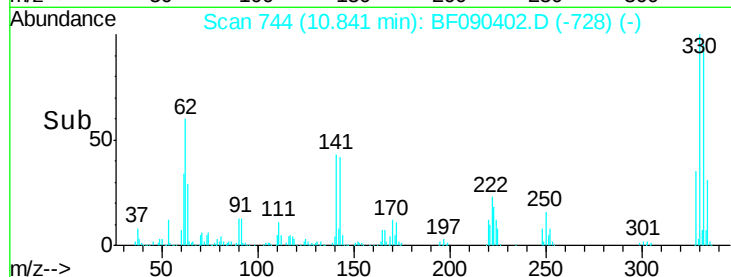
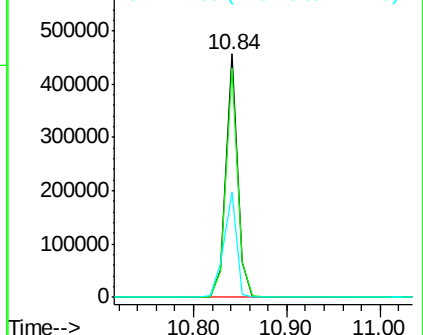
#41
 2,4,6-Tribromophenol
 Concen: 99.26 ng
 RT: 10.84 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF090402.D
 Acq: 6 Oct 2016 1:35

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B003-18-20

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	75.4	113.0
141	46.6	26.9	40.3#

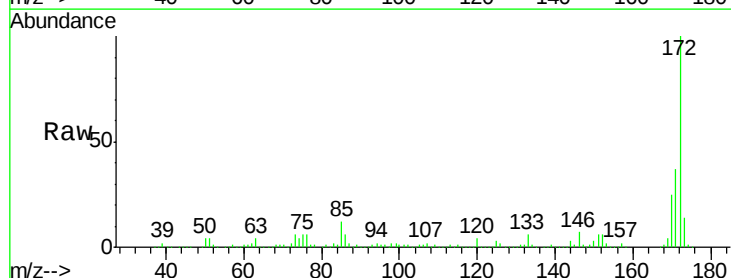


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

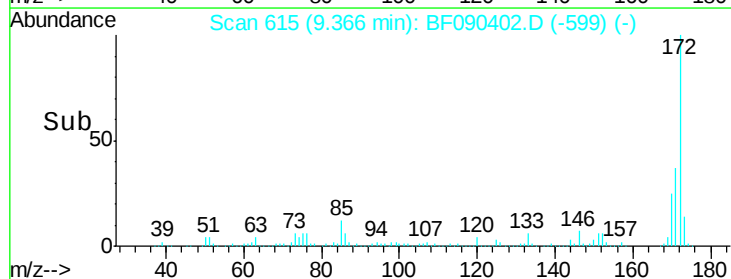
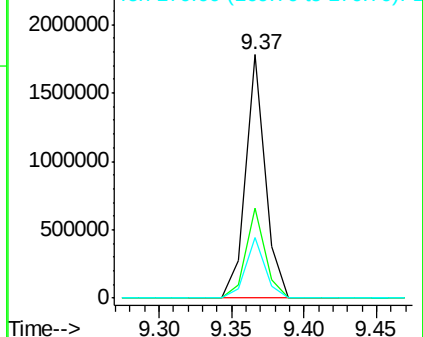


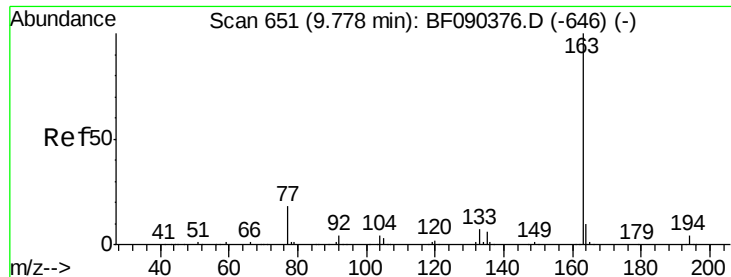
#44
 2-Fluorobiphenyl
 Concen: 56.58 ng
 RT: 9.37 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF090402.D
 Acq: 6 Oct 2016 1:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	31.8	47.8
170	25.0	21.7	32.5



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

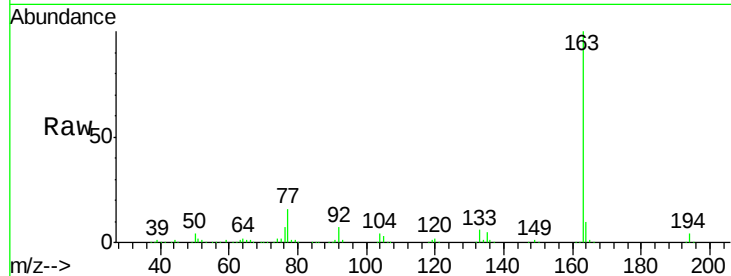




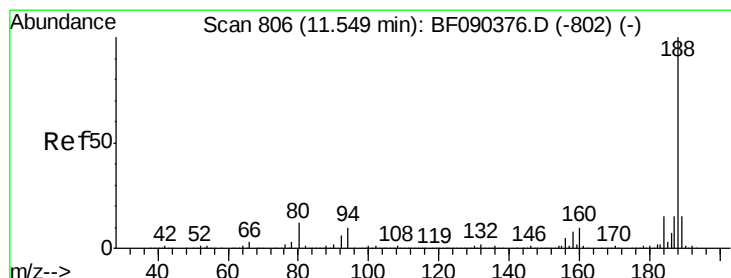
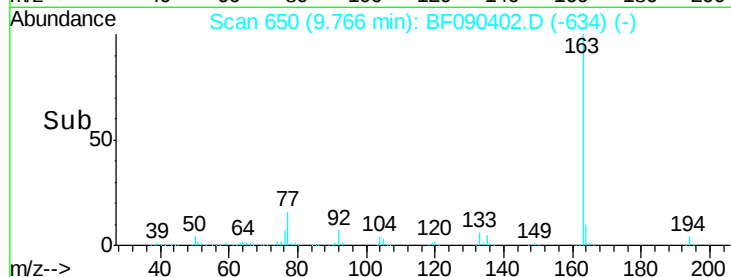
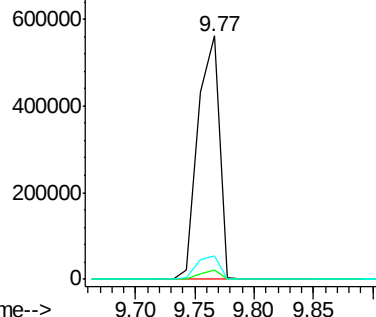
#49
Dimethylphthalate
Concen: 22.18 ng
RT: 9.77 min Scan# 650
Delta R.T. -0.01 min
Lab File: BF090402.D
Acq: 6 Oct 2016 1:35

Instrument :
BNA_F
ClientSampleId :
SUP-B003-18-20

Tot Ion:163 Resp: 701205
Ion Ratio Lower Upper
163 100
194 3.7 2.8 4.2
164 9.8 9.0 13.4

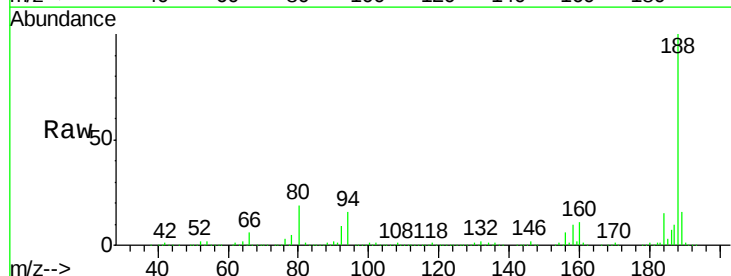


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

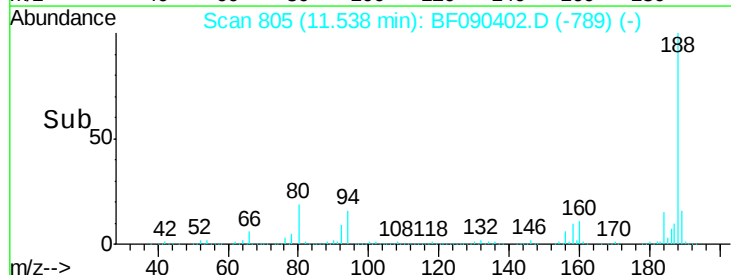
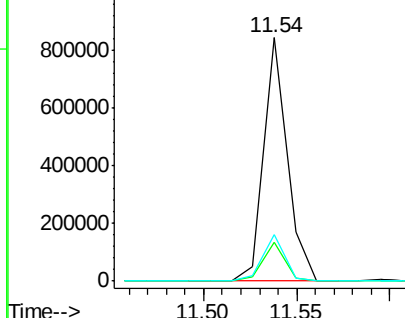


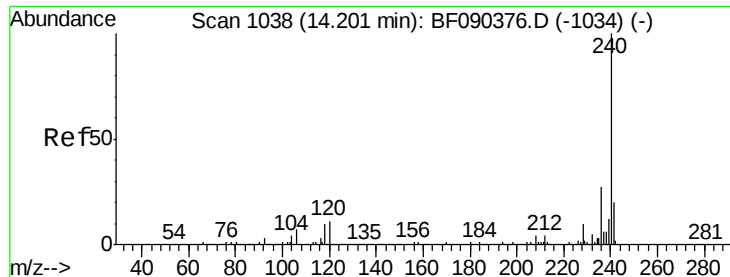
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.54 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF090402.D
Acq: 6 Oct 2016 1:35

Tgt Ion:188 Resp: 734328
Ion Ratio Lower Upper
188 100
94 16.1 8.2 12.2#
80 19.3 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: 14.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF090402.D

Acq: 6 Oct 2016 1:35

Instrument :

BNA_F

ClientSampleId :

SUP-B003-18-20

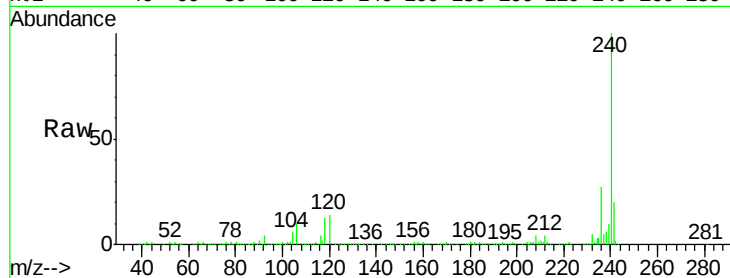
Tot Ion:240 Resp: 555257

Ion Ratio Lower Upper

240 100

120 14.3 8.6 13.0#

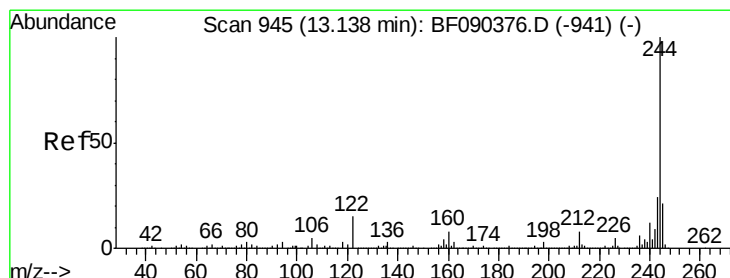
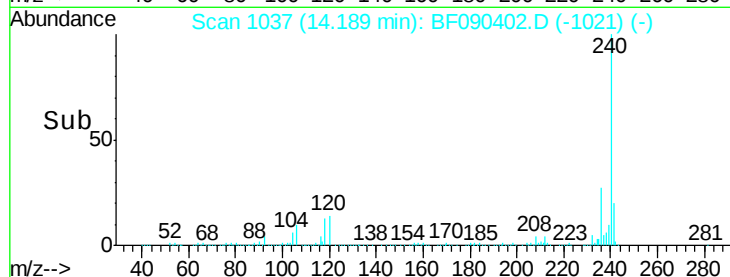
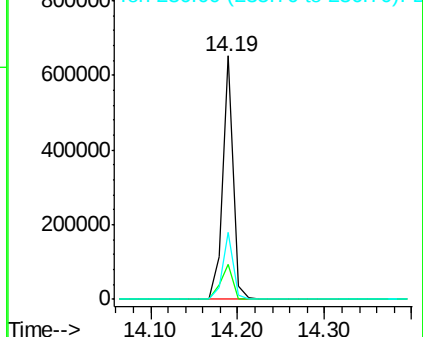
236 27.4 21.6 32.4



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: 68.77 ng

RT: 13.14 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF090402.D

Acq: 6 Oct 2016 1:35

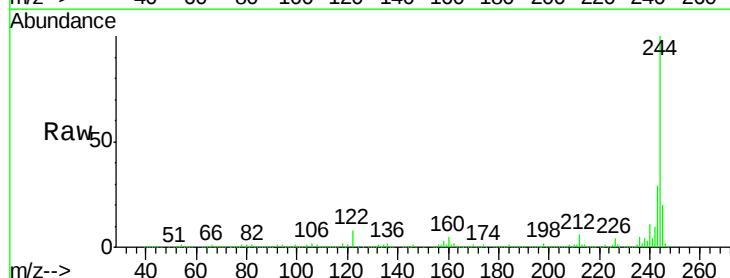
Tgt Ion:244 Resp: 1698606

Ion Ratio Lower Upper

244 100

212 6.5 6.8 10.2#

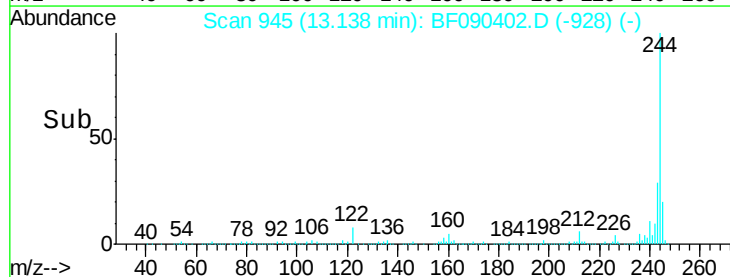
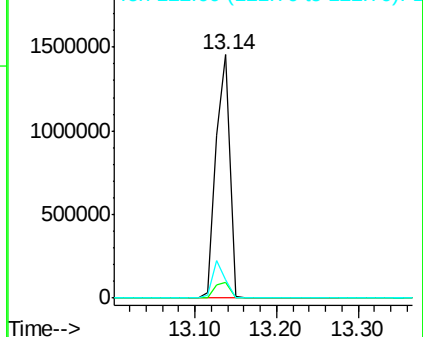
122 7.5 13.3 19.9#

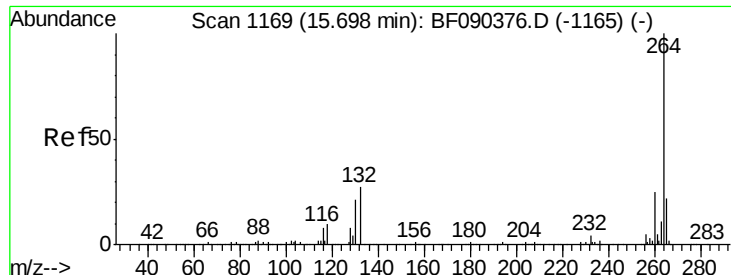


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

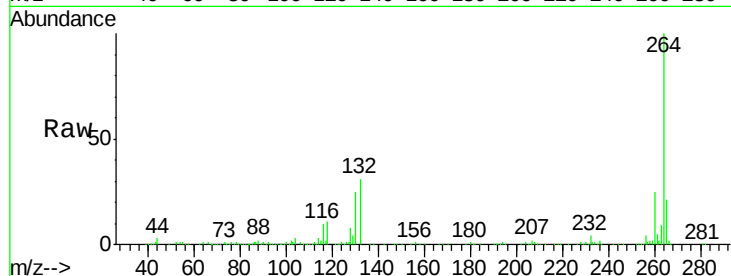




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.69 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF090402.D
 Acq: 6 Oct 2016 1:35

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B003-18-20

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.3	28.9
265	21.4	17.4	26.0



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

