

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
 Data File : BF090473.D
 Acq On : 8 Oct 2016 7:49
 Operator : UM/SJ
 Sample : H5136-07
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 100516-07

Quant Time: Oct 10 00:53:35 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

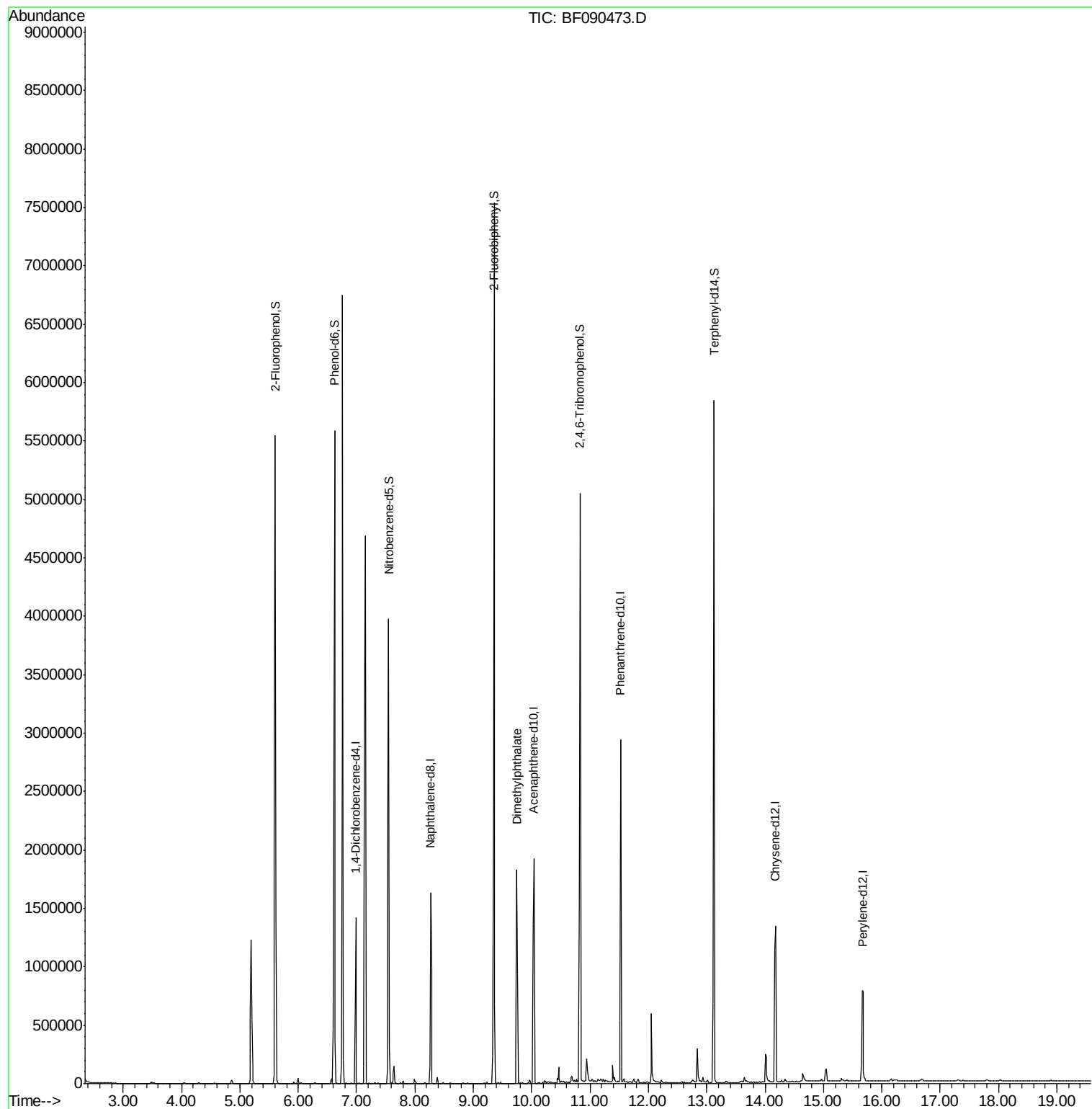
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	229522	20.00	ng	-0.01
21) Naphthalene-d8	8.27	136	923237	20.00	ng	-0.02
38) Acenaphthene-d10	10.04	164	529875	20.00	ng	-0.01
63) Phenanthrene-d10	11.53	188	928688	20.00	ng	-0.02
75) Chrysene-d12	14.18	240	609274	20.00	ng	-0.02
86) Perylene-d12	15.68	264	413232	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1777406	115.58	ng	0.00
7) Phenol-d6	6.62	99	2368864	117.61	ng	0.00
23) Nitrobenzene-d5	7.55	82	1506493	79.37	ng	-0.02
41) 2,4,6-Tribromophenol	10.83	330	598555	138.92	ng	-0.02
44) 2-Fluorobiphenyl	9.35	172	2375134	74.68	ng	-0.02
78) Terphenyl-d14	13.13	244	2765987	102.06	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.74	163	918901	27.08	ng	Qvalue 99

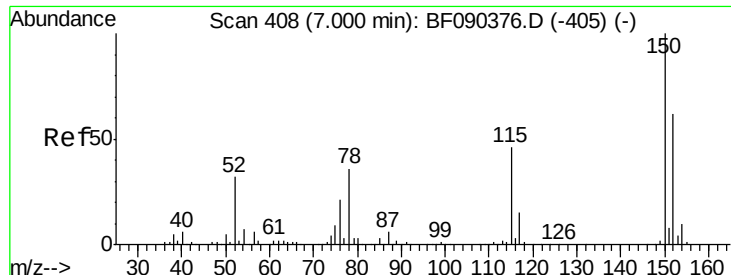
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.99 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF090473.D

Acq: 8 Oct 2016 7:49

Instrument :

BNA_F

ClientSampleId :

100516-07

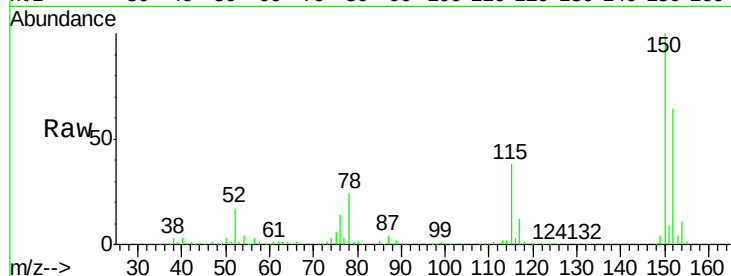
Tgt Ion:152 Resp: 229522

Ion Ratio Lower Upper

152 100

150 155.7 124.6 186.8

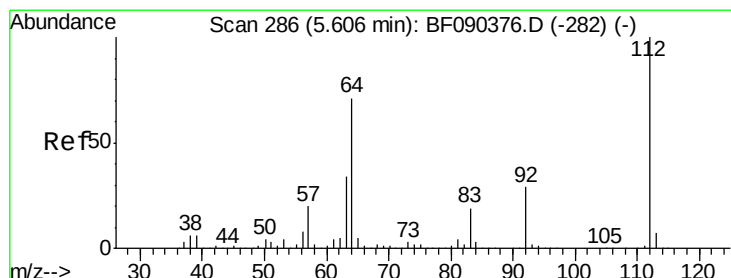
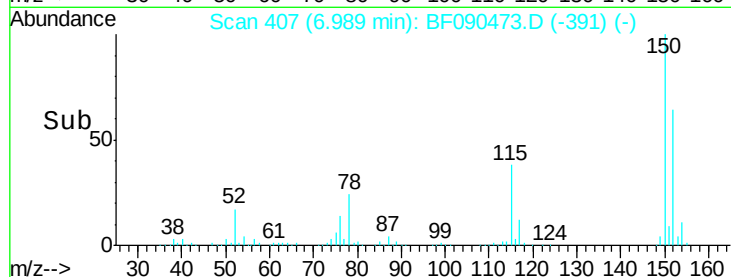
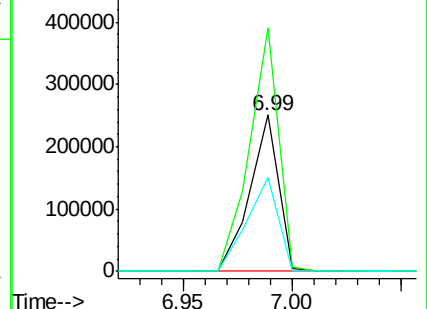
115 59.9 46.2 69.4



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: 115.58 ng

RT: 5.61 min Scan# 286

Delta R.T. 0.00 min

Lab File: BF090473.D

Acq: 8 Oct 2016 7:49

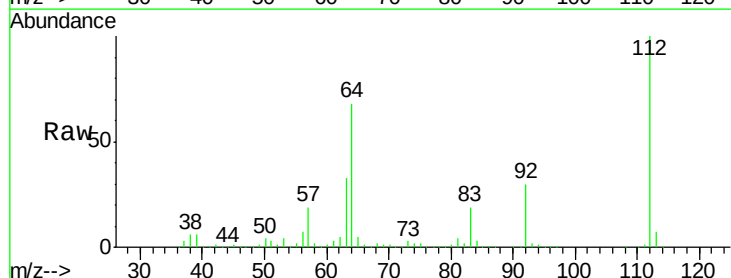
Tgt Ion:112 Resp: 1777406

Ion Ratio Lower Upper

112 100

64 67.6 57.9 86.9

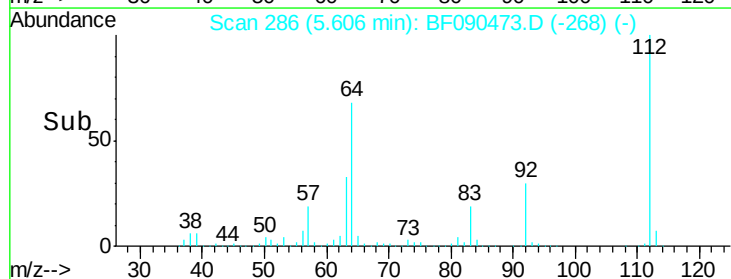
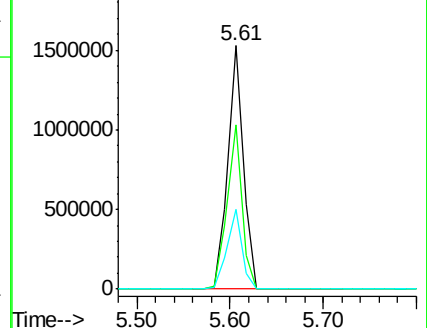
63 32.7 29.6 44.4

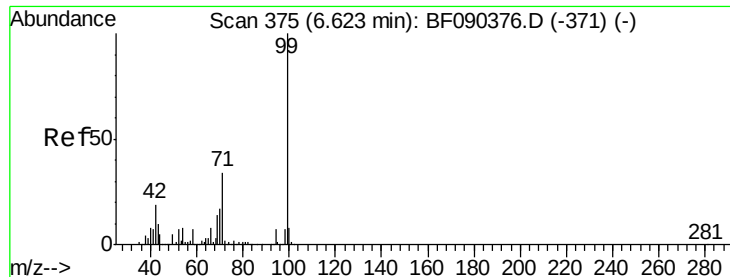


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 117.61 ng

RT: 6.62 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF090473.D

Acq: 8 Oct 2016 7:49

Instrument :

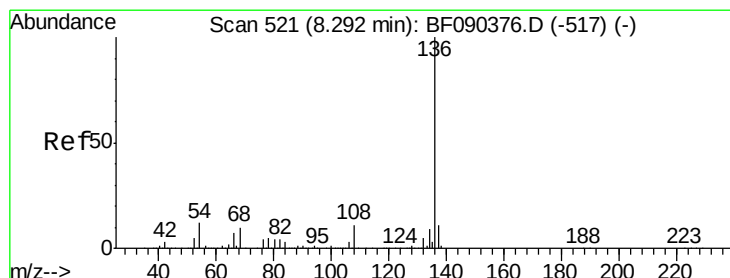
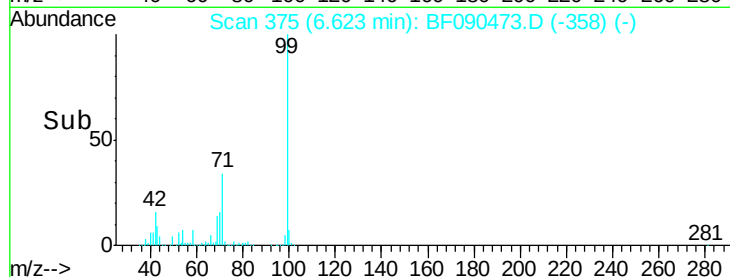
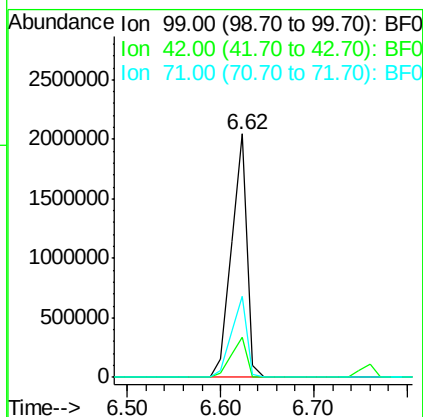
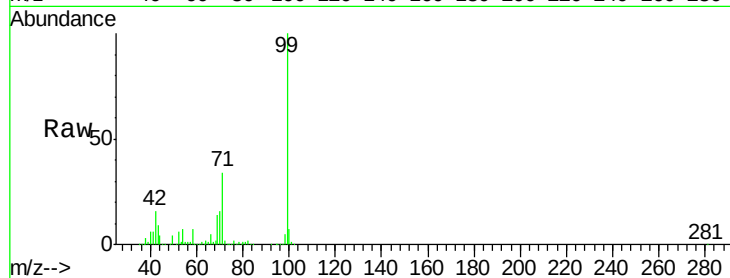
BNA_F

ClientSampleId :

100516-07

Tgt Ion: 99 Resp: 2368864

Ion	Ratio	Lower	Upper
99	100		
42	16.4	20.0	30.0#
71	33.5	27.9	41.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.27 min Scan# 519

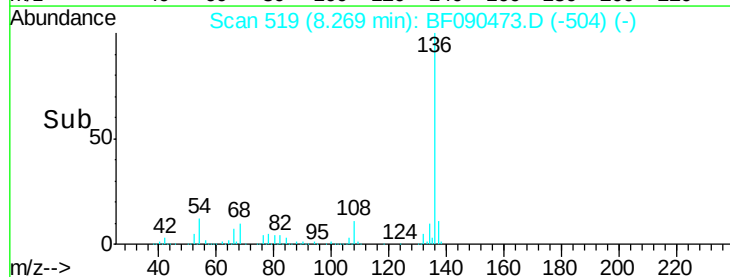
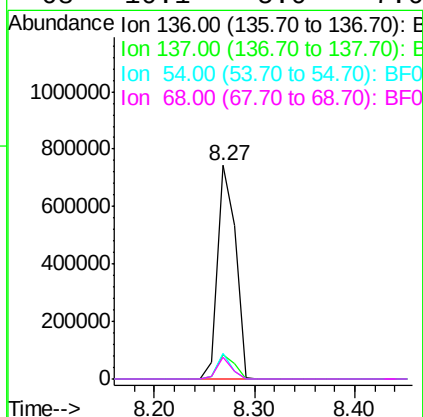
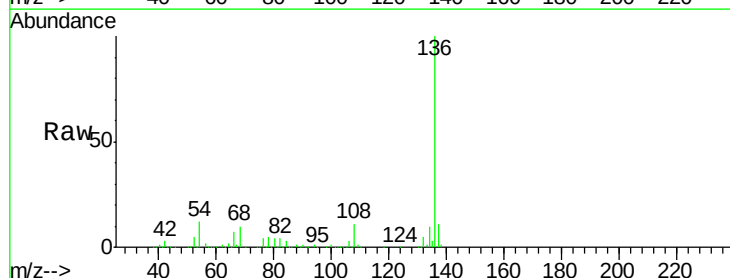
Delta R.T. -0.02 min

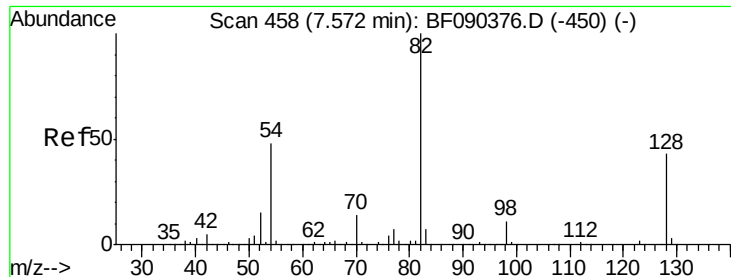
Lab File: BF090473.D

Acq: 8 Oct 2016 7:49

Tgt Ion: 136 Resp: 923237

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	11.8	6.6	10.0#
68	10.1	5.0	7.6#





#23

Nitrobenzene-d5

Concen: 79.37 ng

RT: 7.55 min Scan# 456

Delta R.T. -0.02 min

Lab File: BF090473.D

Acq: 8 Oct 2016 7:49

Instrument :

BNA_F

ClientSampleId :

100516-07

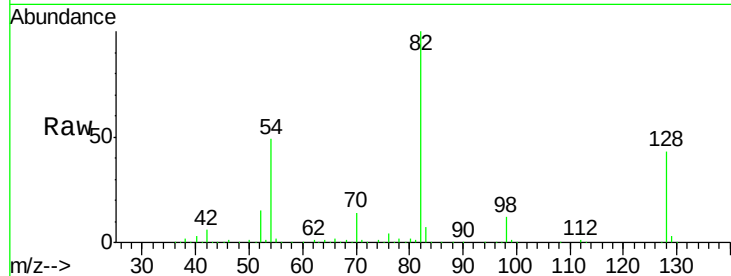
Tgt Ion: 82 Resp: 1506493

Ion Ratio Lower Upper

82 100

128 42.8 40.0 60.0

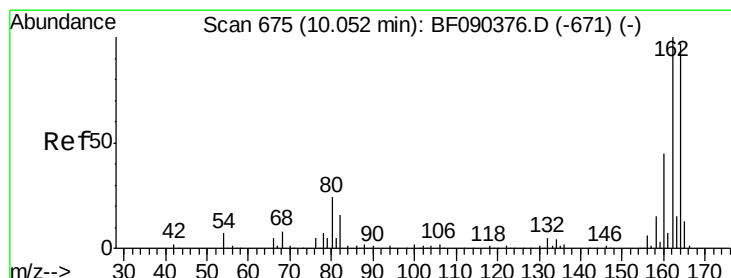
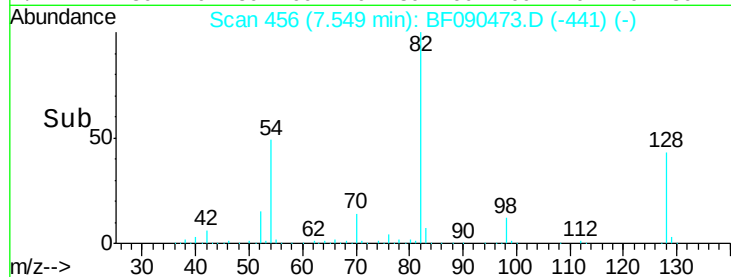
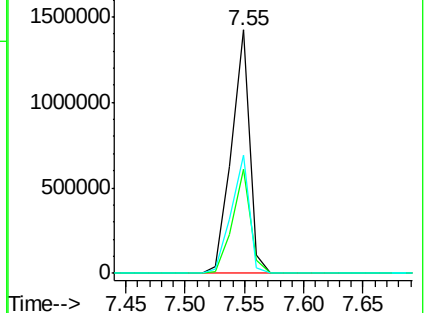
54 48.6 42.6 64.0



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: 10.04 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF090473.D

Acq: 8 Oct 2016 7:49

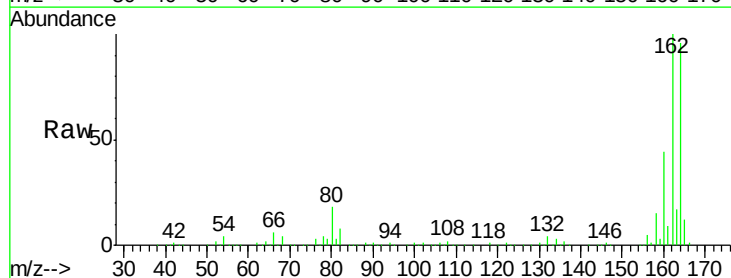
Tgt Ion: 164 Resp: 529875

Ion Ratio Lower Upper

164 100

162 103.8 80.1 120.1

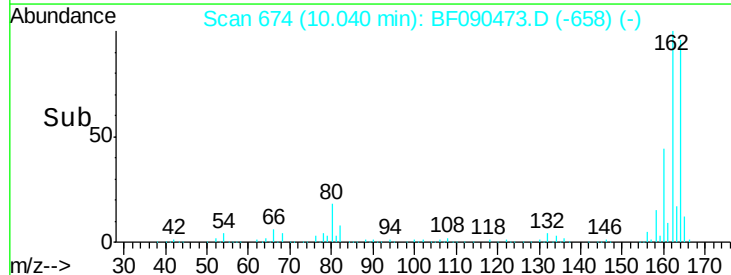
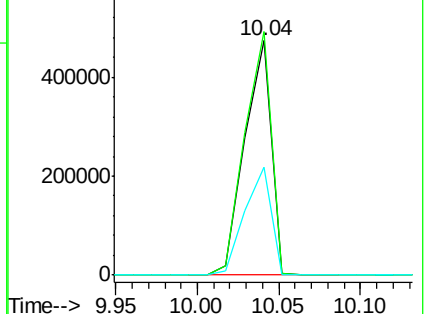
160 46.0 36.3 54.5

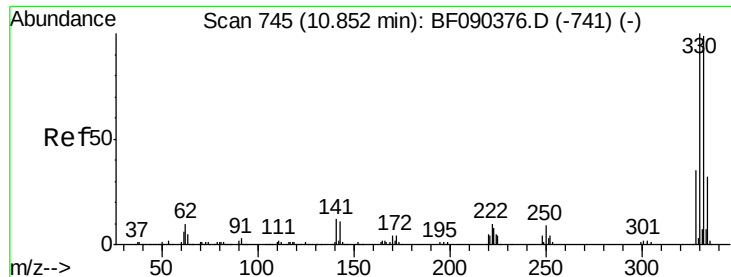


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

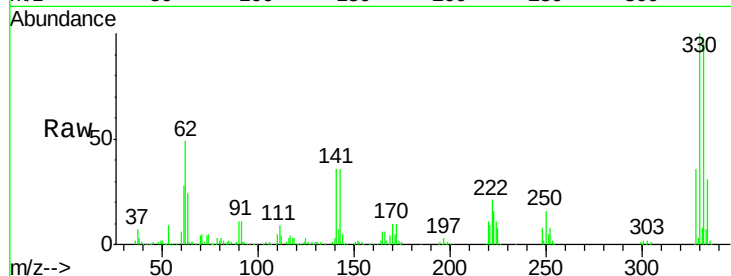




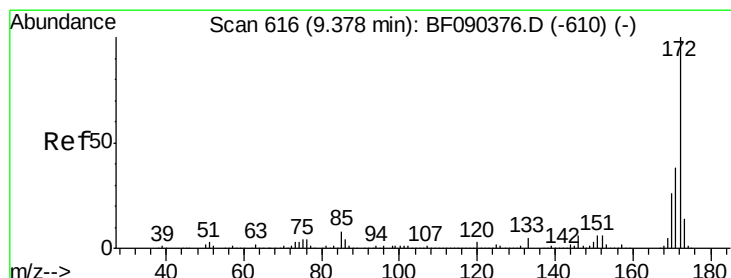
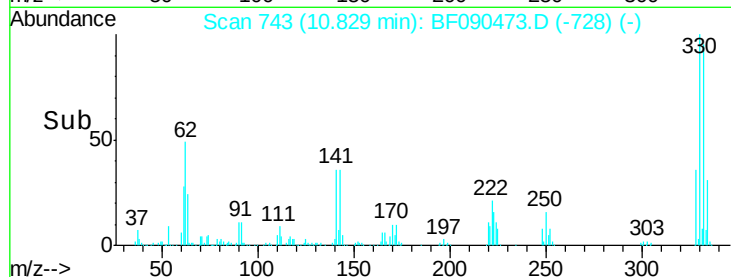
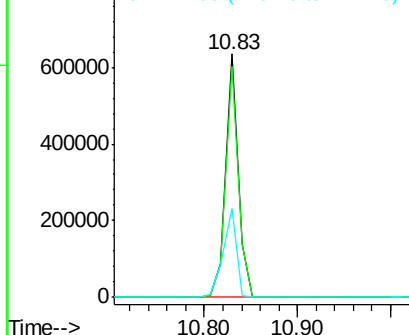
#41
 2,4,6-Tribromophenol
 Concen: 138.92 ng
 RT: 10.83 min Scan# 743
 Delta R.T. -0.02 min
 Lab File: BF090473.D
 Acq: 8 Oct 2016 7:49

Instrument :
 BNA_F
 ClientSampleId :
 100516-07

Tgt Ion:330 Resp: 598555
 Ion Ratio Lower Upper
 330 100
 332 95.8 75.4 113.0
 141 38.1 26.9 40.3

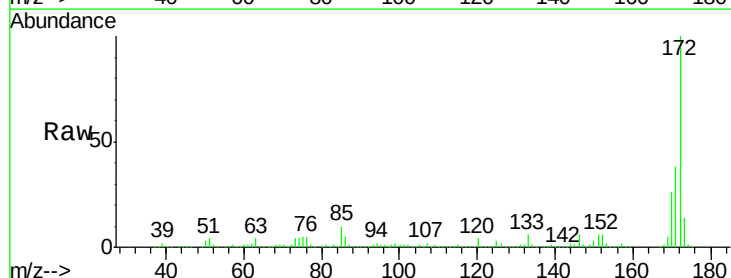


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

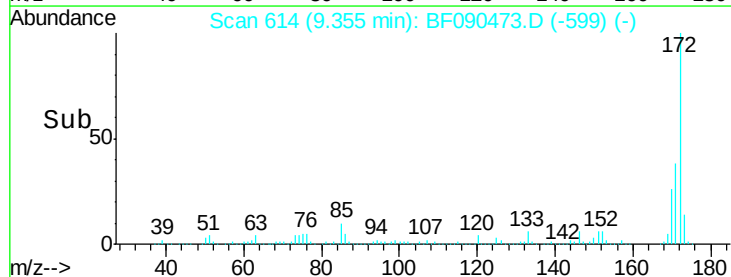
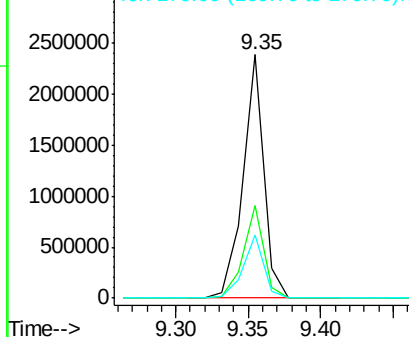


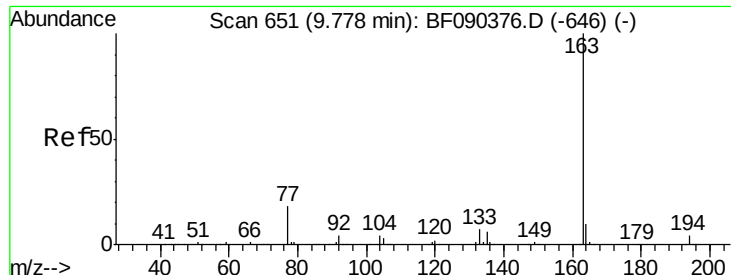
#44
 2-Fluorobiphenyl
 Concen: 74.68 ng
 RT: 9.35 min Scan# 614
 Delta R.T. -0.02 min
 Lab File: BF090473.D
 Acq: 8 Oct 2016 7:49

Tgt Ion:172 Resp: 2375134
 Ion Ratio Lower Upper
 172 100
 171 38.0 31.8 47.8
 170 25.9 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

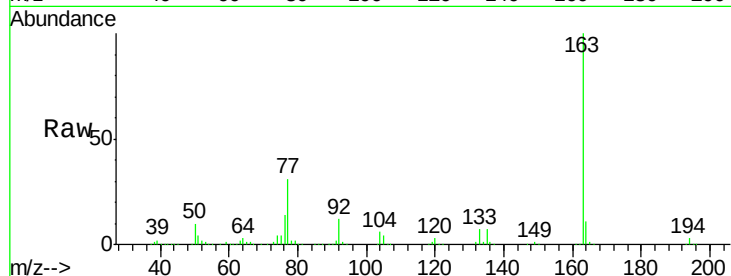




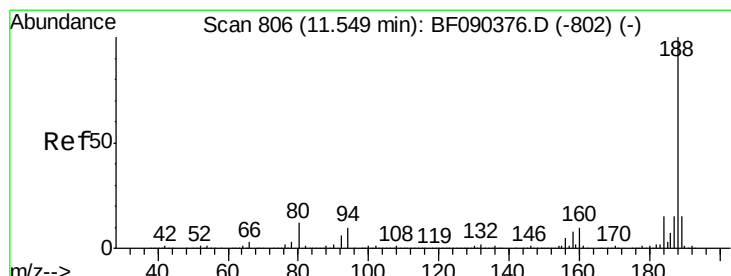
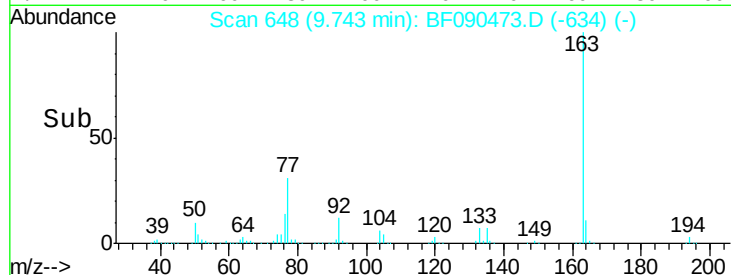
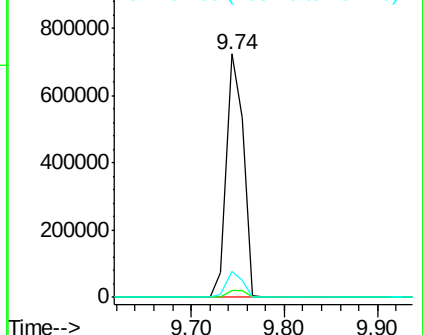
#49
Dimethylphthalate
Concen: 27.08 ng
RT: 9.74 min Scan# 648
Delta R.T. -0.03 min
Lab File: BF090473.D
Acq: 8 Oct 2016 7:49

Instrument :
BNA_F
ClientSampleId :
100516-07

Tgt Ion:163 Resp: 918901
Ion Ratio Lower Upper
163 100
194 2.9 2.8 4.2
164 10.7 9.0 13.4

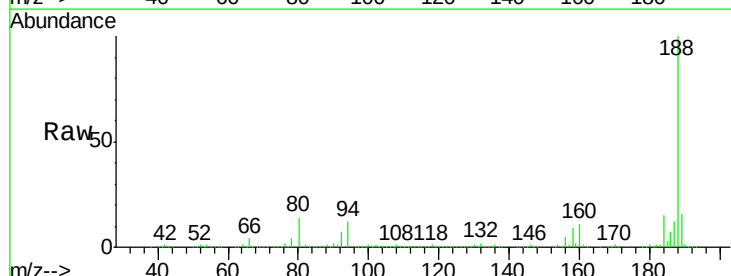


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

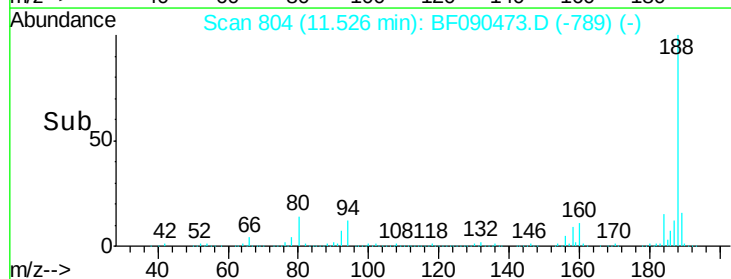
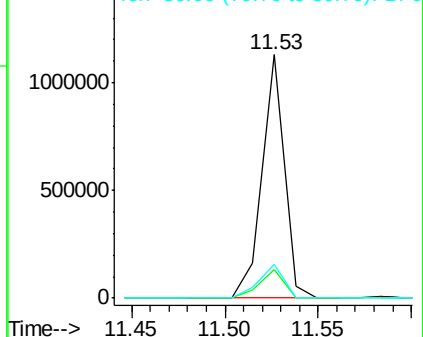


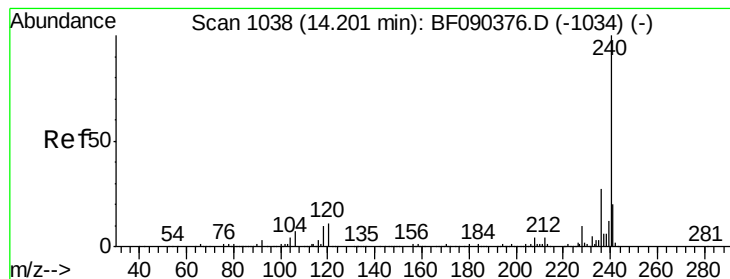
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.53 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF090473.D
Acq: 8 Oct 2016 7:49

Tgt Ion:188 Resp: 928688
Ion Ratio Lower Upper
188 100
94 11.9 8.2 12.2
80 13.7 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: 14.18 min Scan# 1036

Delta R.T. -0.02 min

Lab File: BF090473.D

Acq: 8 Oct 2016 7:49

Instrument :

BNA_F

ClientSampleId :

100516-07

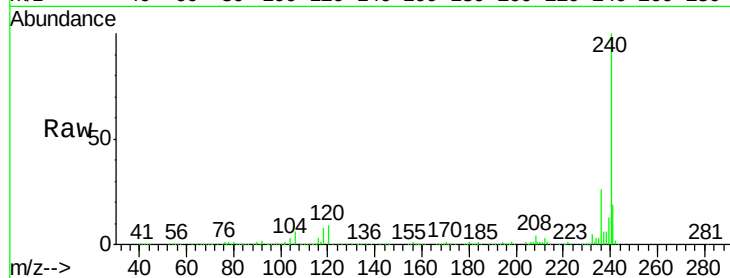
Tgt Ion:240 Resp: 609274

Ion Ratio Lower Upper

240 100

120 9.1 8.6 13.0

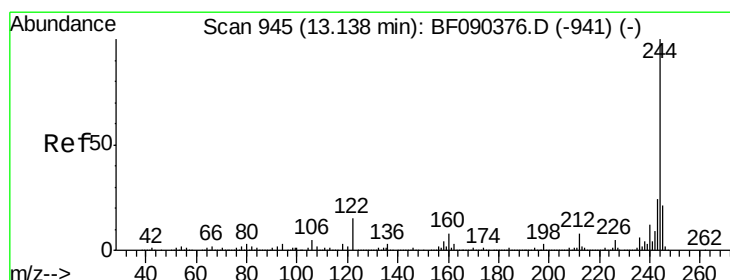
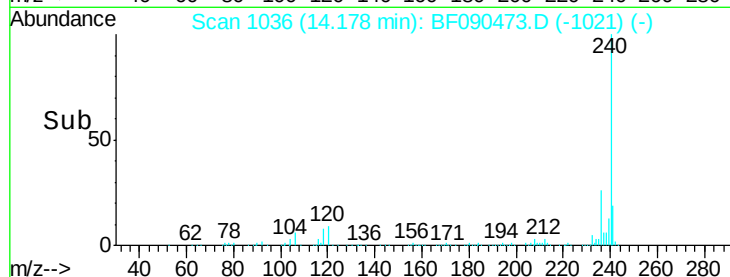
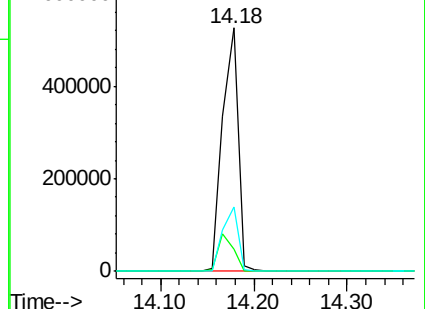
236 26.3 21.6 32.4



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: 102.06 ng

RT: 13.13 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF090473.D

Acq: 8 Oct 2016 7:49

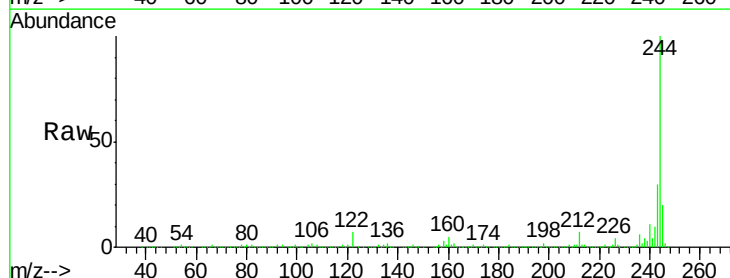
Tgt Ion:244 Resp: 2765987

Ion Ratio Lower Upper

244 100

212 6.6 6.8 10.2#

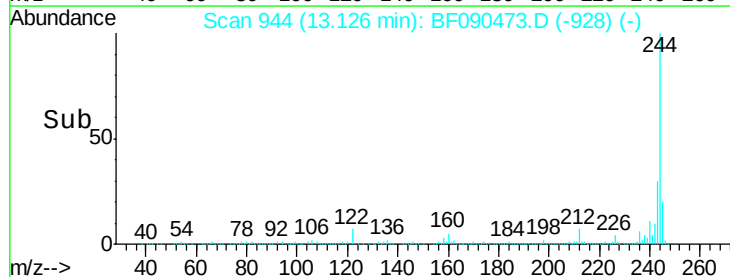
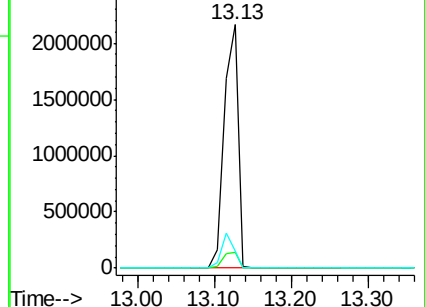
122 6.9 13.3 19.9#

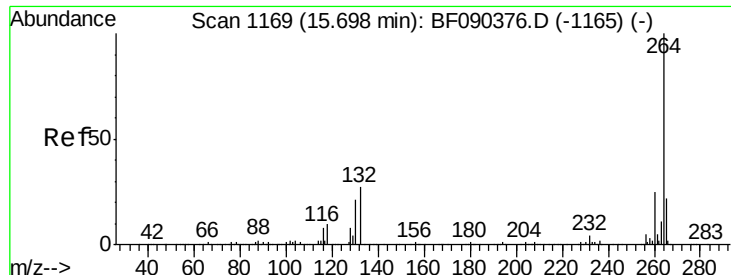


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

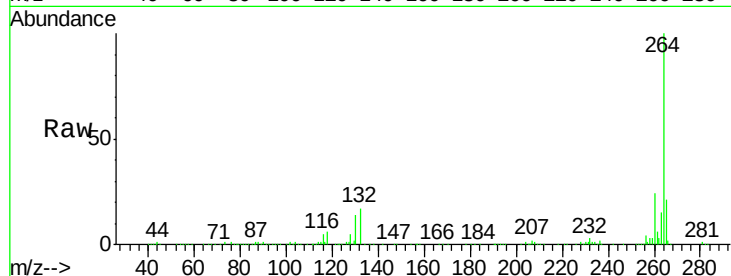




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.68 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BF090473.D
Acq: 8 Oct 2016 7:49

Instrument :
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ClientSampleId :
100516-07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.3	28.9
265	21.3	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

