

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
 Data File : BF090452.D
 Acq On : 7 Oct 2016 19:13
 Operator : UM/SJ
 Sample : H5133-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-001-C

Quant Time: Oct 08 00:09:46 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

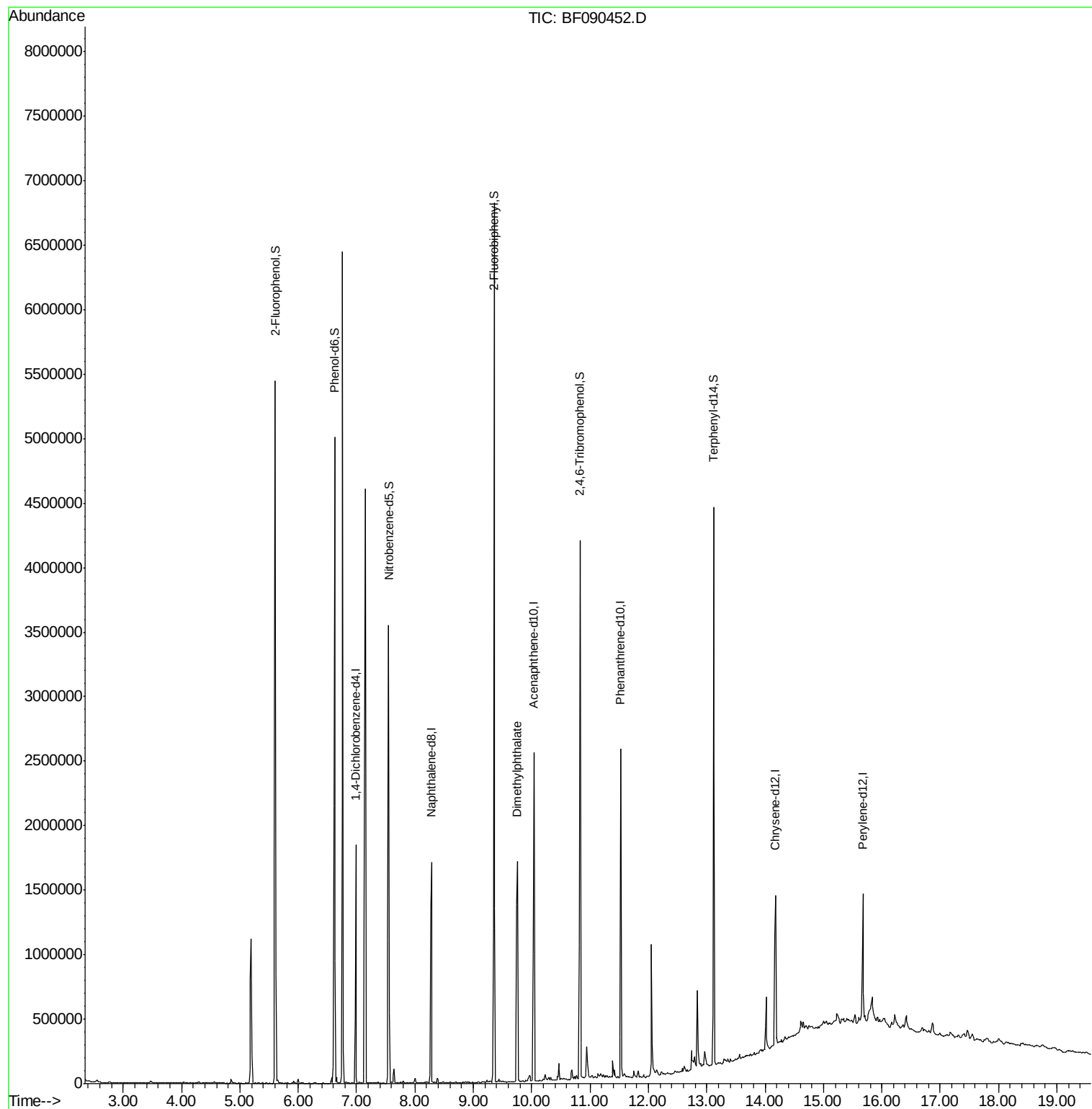
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	266872	20.00	ng	-0.01
21) Naphthalene-d8	8.28	136	1050011	20.00	ng	-0.01
38) Acenaphthene-d10	10.04	164	554312	20.00	ng	-0.01
63) Phenanthrene-d10	11.53	188	780183	20.00	ng	-0.02
75) Chrysene-d12	14.18	240	483108	20.00	ng	-0.02
86) Perylene-d12	15.68	264	417617	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1555811	87.01	ng	0.00
7) Phenol-d6	6.62	99	2070645	88.41	ng	0.00
23) Nitrobenzene-d5	7.55	82	1302118	60.32	ng	-0.02
41) 2,4,6-Tribromophenol	10.83	330	429090	95.20	ng	-0.02
44) 2-Fluorobiphenyl	9.35	172	2080273	62.53	ng	-0.02
78) Terphenyl-d14	13.11	244	1632115	75.95	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.75	163	979692	27.60	ng	Qvalue 97

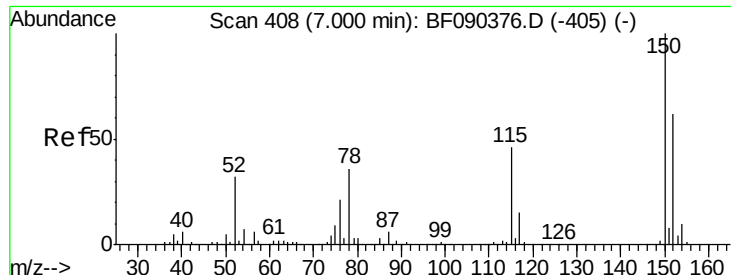
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF090452.D

Acq: 7 Oct 2016 19:13

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-001-C

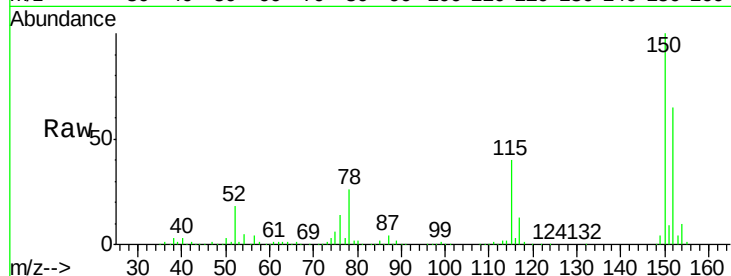
Tgt Ion:152 Resp: 266872

Ion Ratio Lower Upper

152 100

150 154.0 124.6 186.8

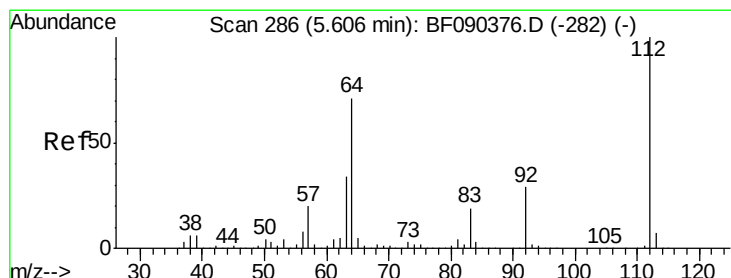
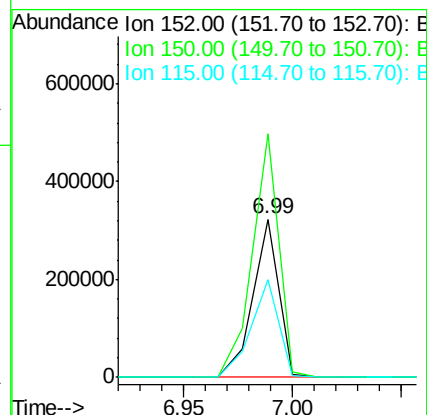
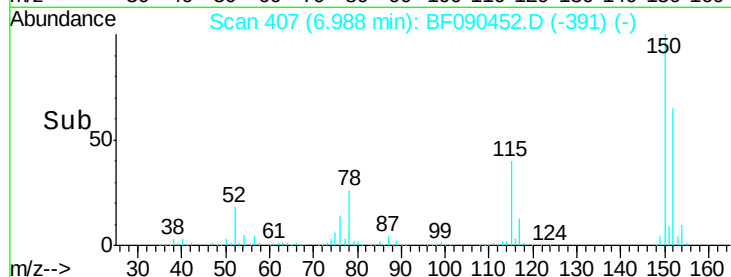
115 61.9 46.2 69.4



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: 87.01 ng

RT: 5.61 min Scan# 286

Delta R.T. 0.00 min

Lab File: BF090452.D

Acq: 7 Oct 2016 19:13

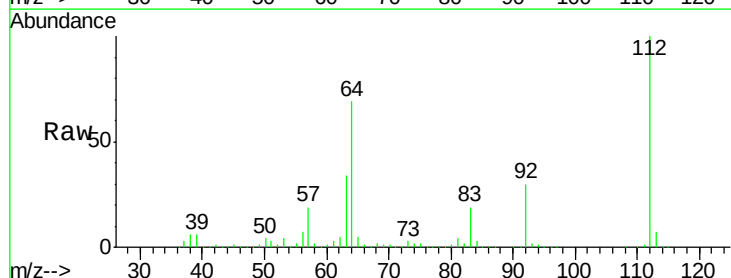
Tgt Ion:112 Resp: 1555811

Ion Ratio Lower Upper

112 100

64 68.9 57.9 86.9

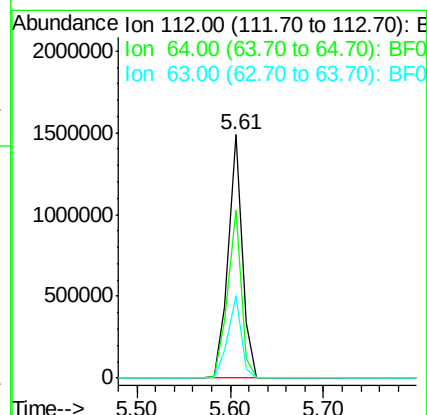
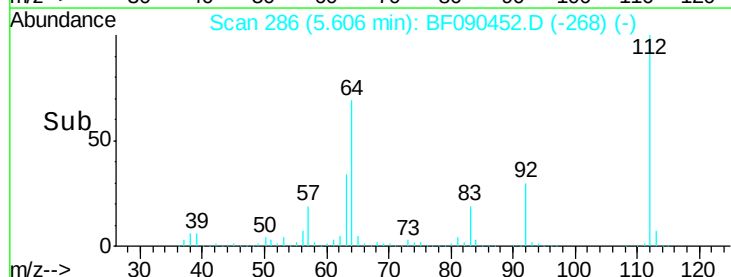
63 33.6 29.6 44.4

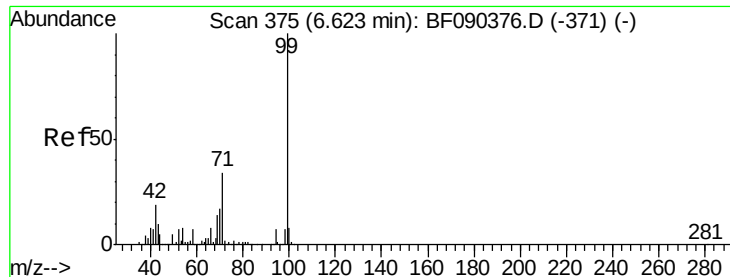


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 88.41 ng

RT: 6.62 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF090452.D

Acq: 7 Oct 2016 19:13

Instrument :

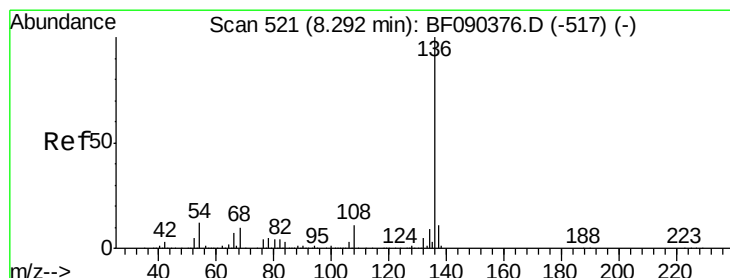
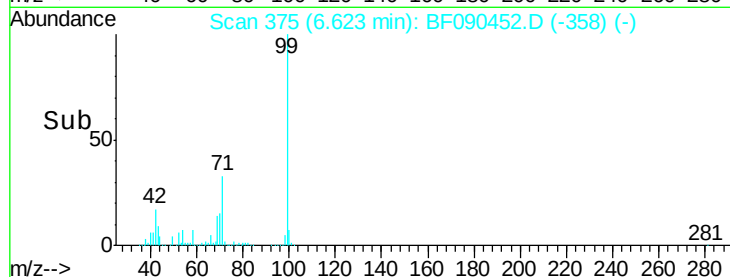
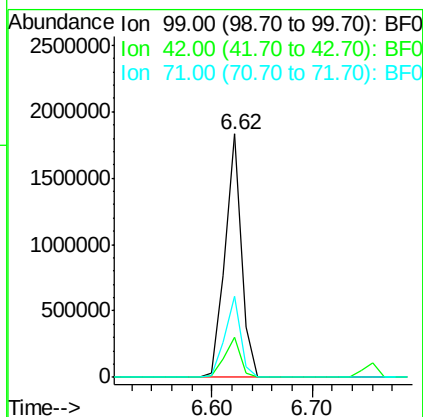
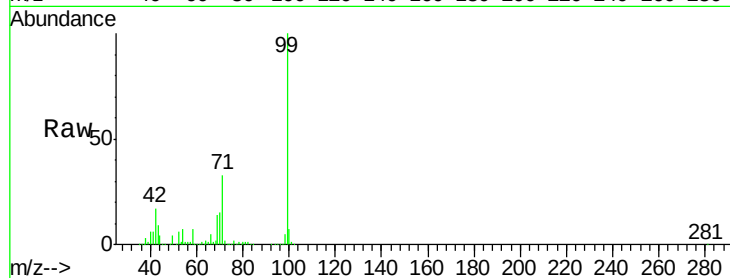
BNA_F

ClientSampleId :

FK-EF-01-001-C

Tgt Ion: 99 Resp: 2070645

Ion	Ratio	Lower	Upper
99	100		
42	16.7	20.0	30.0#
71	33.4	27.9	41.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.28 min Scan# 520

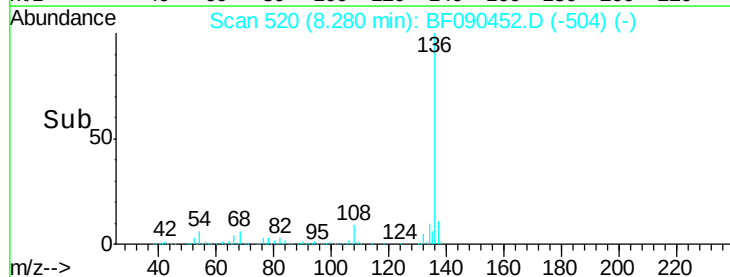
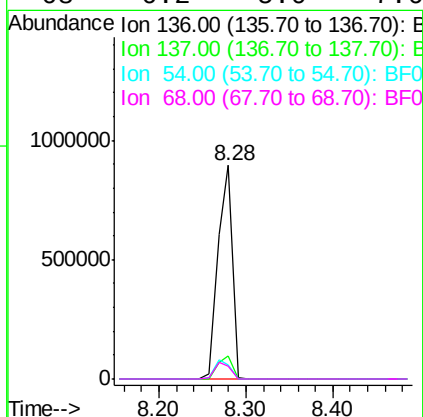
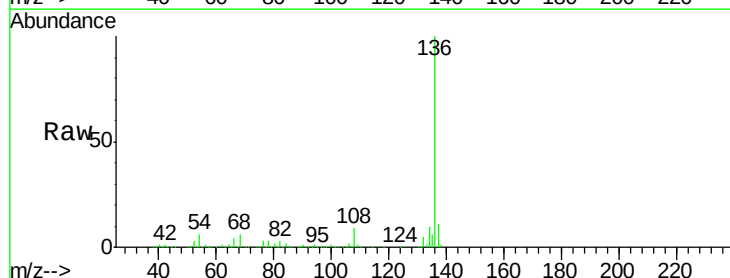
Delta R.T. -0.01 min

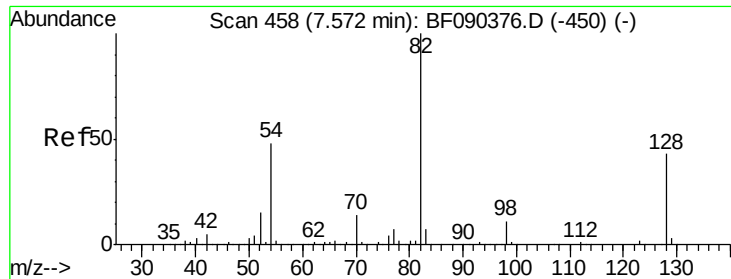
Lab File: BF090452.D

Acq: 7 Oct 2016 19:13

Tgt Ion: 136 Resp: 1050011

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	6.4	6.6	10.0#
68	6.2	5.0	7.6

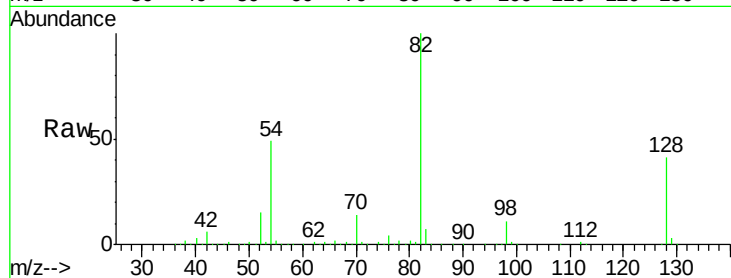




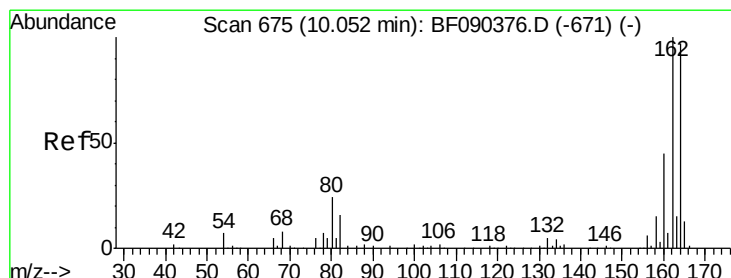
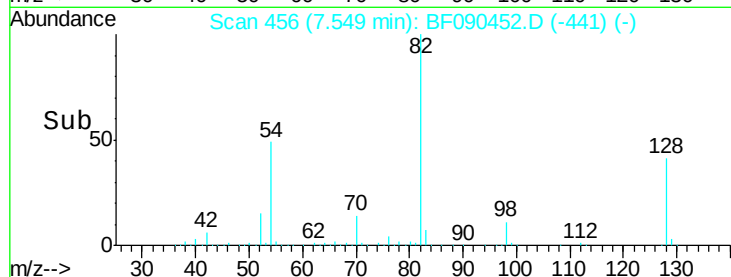
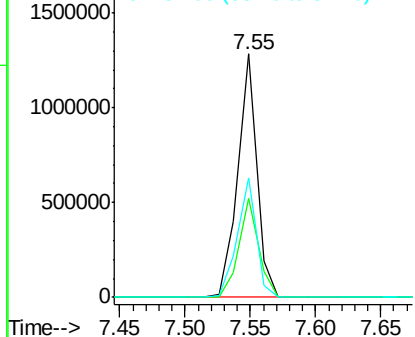
#23
 Nitrobenzene-d5
 Concen: 60.32 ng
 RT: 7.55 min Scan# 456
 Delta R.T. -0.02 min
 Lab File: BF090452.D
 Acq: 7 Oct 2016 19:13

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-001-C

Tgt Ion: 82 Resp: 1302118
 Ion Ratio Lower Upper
 82 100
 128 40.5 40.0 60.0
 54 49.1 42.6 64.0

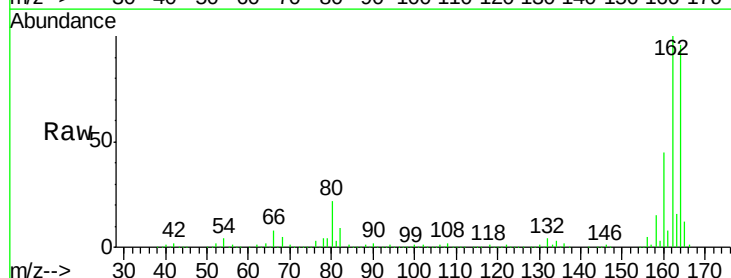


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

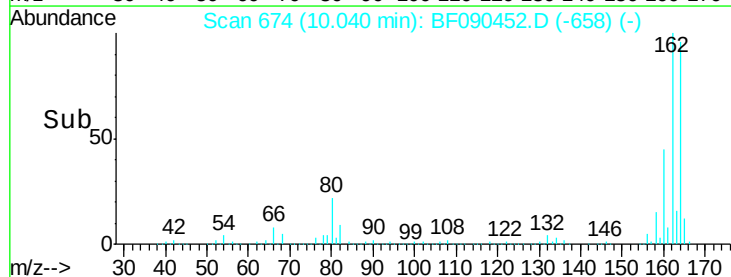
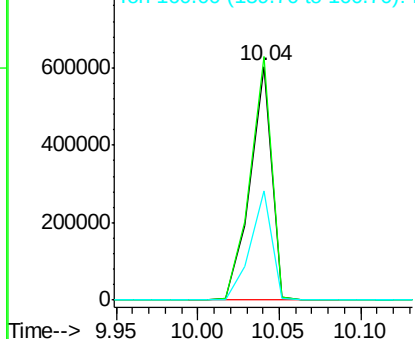


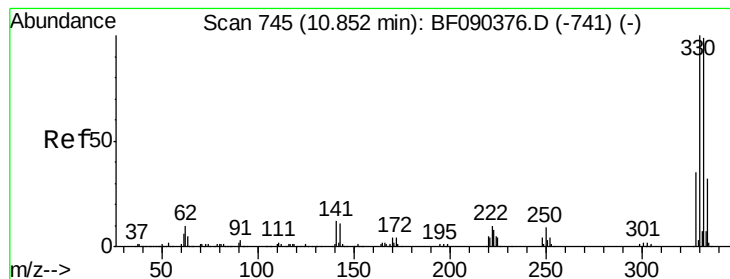
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.04 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: BF090452.D
 Acq: 7 Oct 2016 19:13

Tgt Ion: 164 Resp: 554312
 Ion Ratio Lower Upper
 164 100
 162 104.2 80.1 120.1
 160 46.7 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

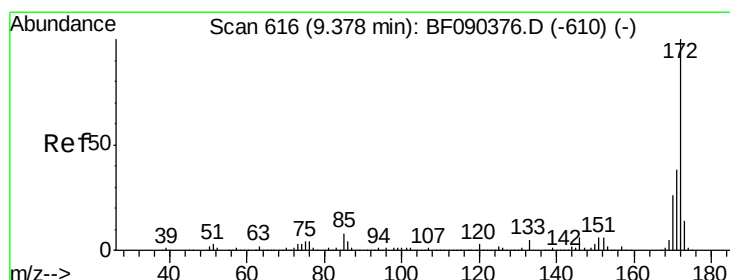
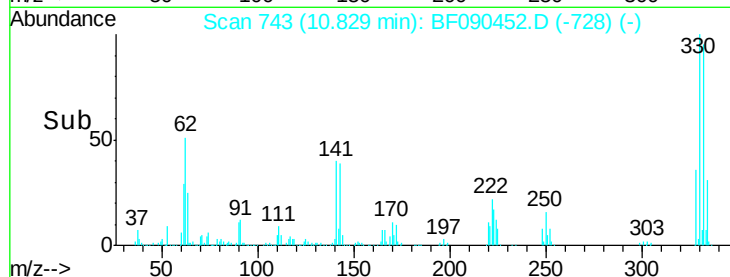
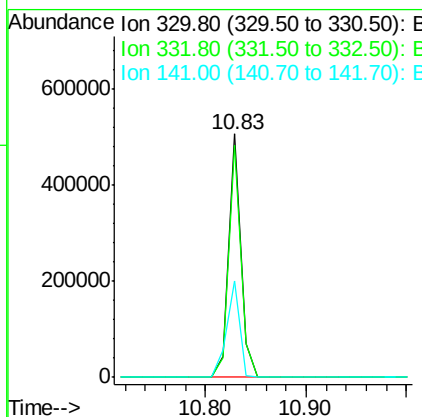
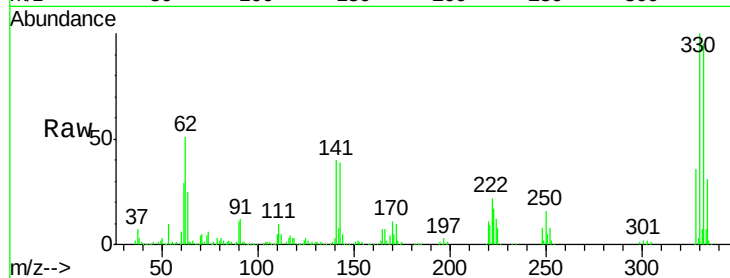




#41
 2,4,6-Tribromophenol
 Concen: 95.20 ng
 RT: 10.83 min Scan# 743
 Delta R.T. -0.02 min
 Lab File: BF090452.D
 Acq: 7 Oct 2016 19:13

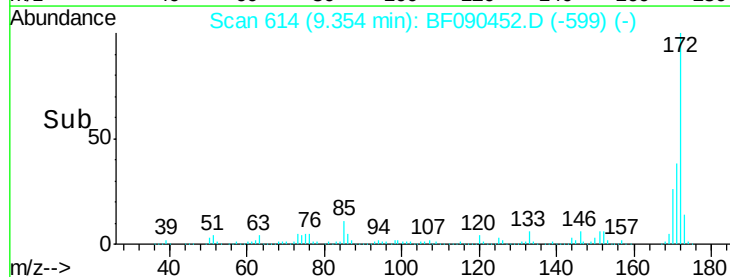
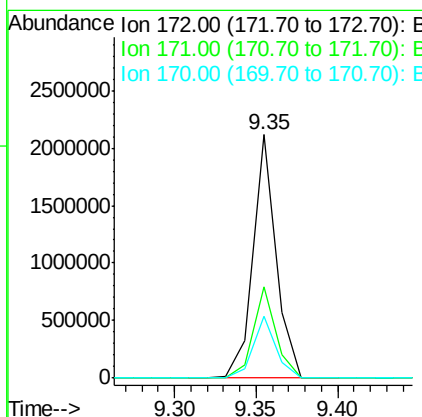
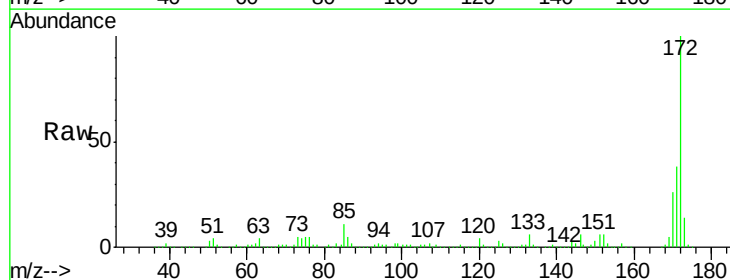
Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-001-C

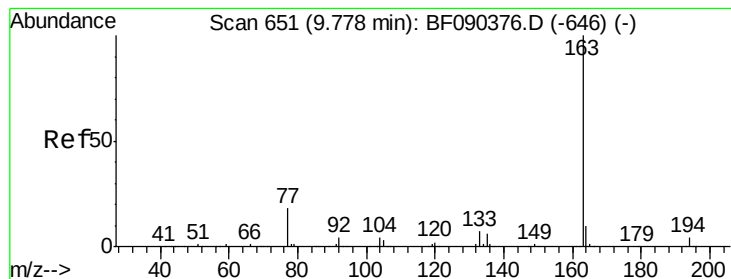
Tgt Ion:330 Resp: 429090
 Ion Ratio Lower Upper
 330 100
 332 95.7 75.4 113.0
 141 42.7 26.9 40.3#



#44
 2-Fluorobiphenyl
 Concen: 62.53 ng
 RT: 9.35 min Scan# 614
 Delta R.T. -0.02 min
 Lab File: BF090452.D
 Acq: 7 Oct 2016 19:13

Tgt Ion:172 Resp: 2080273
 Ion Ratio Lower Upper
 172 100
 171 37.6 31.8 47.8
 170 25.6 21.7 32.5





#49

Dimethylphthalate

Concen: 27.60 ng

RT: 9.75 min Scan# 649

Delta R.T. -0.02 min

Lab File: BF090452.D

Acq: 7 Oct 2016 19:13

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-001-C

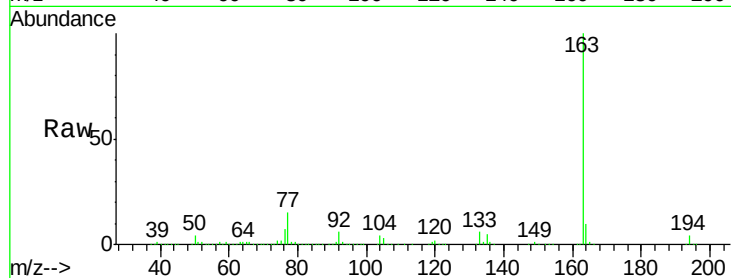
Tgt Ion:163 Resp: 979692

Ion Ratio Lower Upper

163 100

194 3.9 2.8 4.2

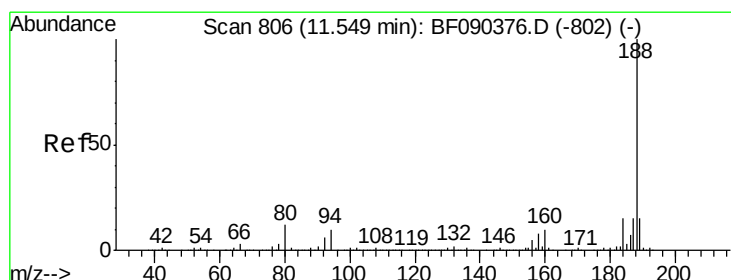
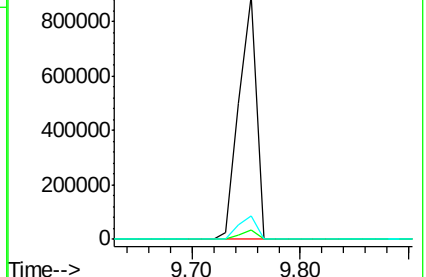
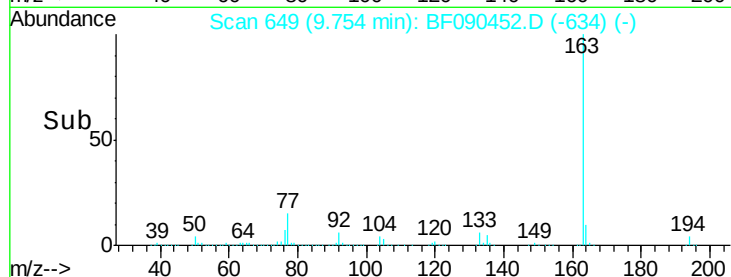
164 9.8 9.0 13.4



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: 11.53 min Scan# 804

Delta R.T. -0.02 min

Lab File: BF090452.D

Acq: 7 Oct 2016 19:13

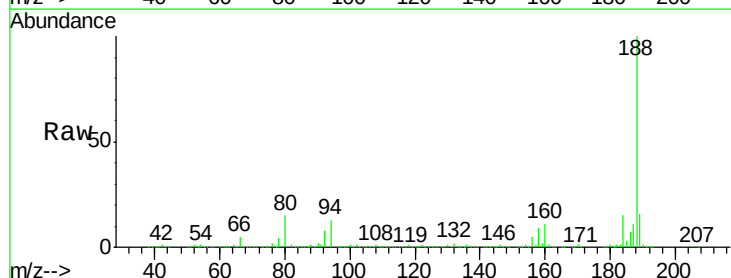
Tgt Ion:188 Resp: 780183

Ion Ratio Lower Upper

188 100

94 13.2 8.2 12.2#

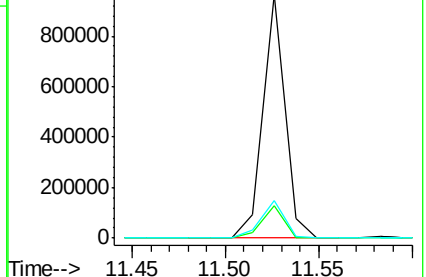
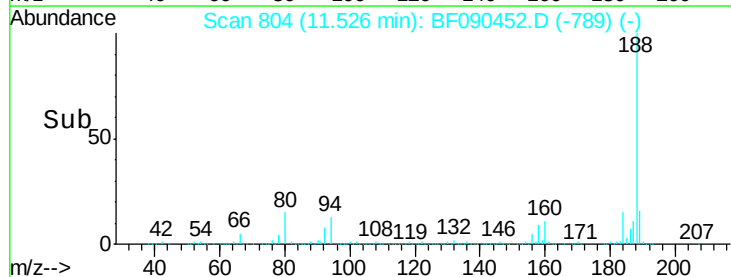
80 15.3 8.8 13.2#

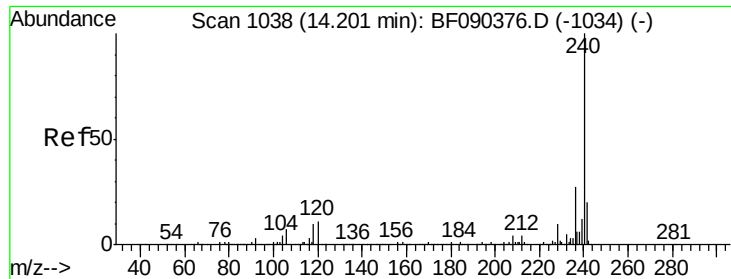


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.18 min Scan# 1036

Delta R.T. -0.02 min

Lab File: BF090452.D

Acq: 7 Oct 2016 19:13

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-001-C

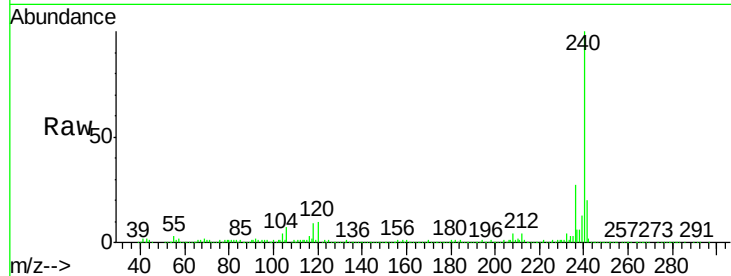
Tgt Ion:240 Resp: 483108

Ion Ratio Lower Upper

240 100

120 9.9 8.6 13.0

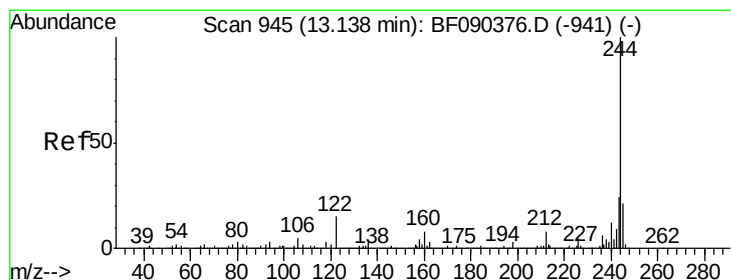
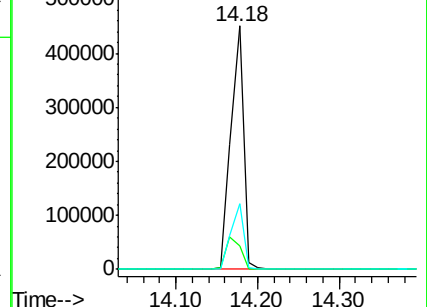
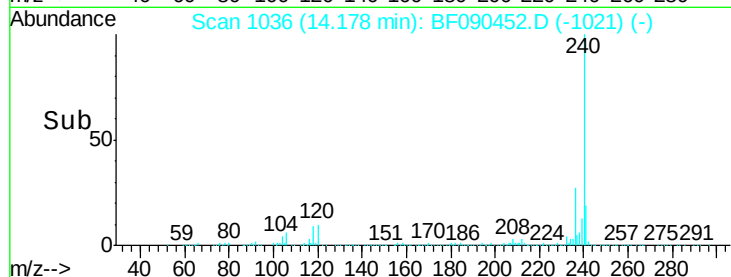
236 26.8 21.6 32.4



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: 75.95 ng

RT: 13.11 min Scan# 943

Delta R.T. -0.02 min

Lab File: BF090452.D

Acq: 7 Oct 2016 19:13

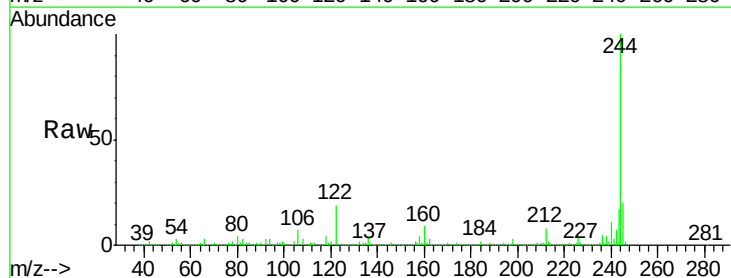
Tgt Ion:244 Resp: 1632115

Ion Ratio Lower Upper

244 100

212 7.6 6.8 10.2

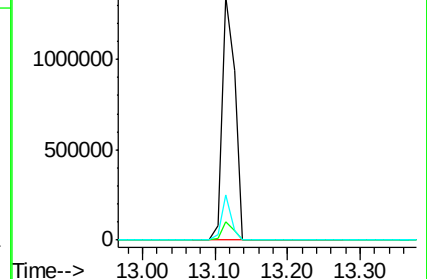
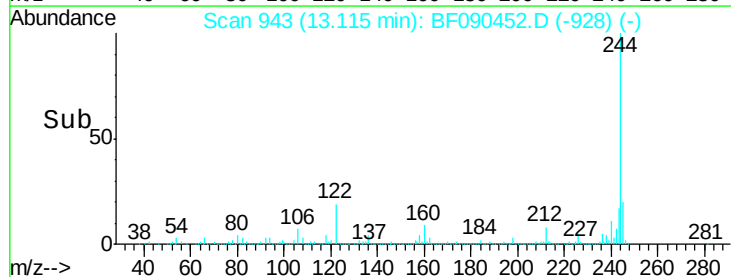
122 18.8 13.3 19.9

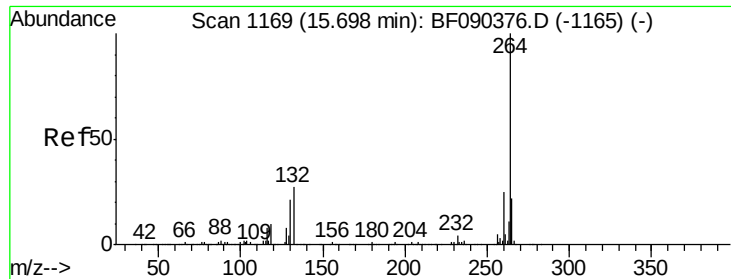


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

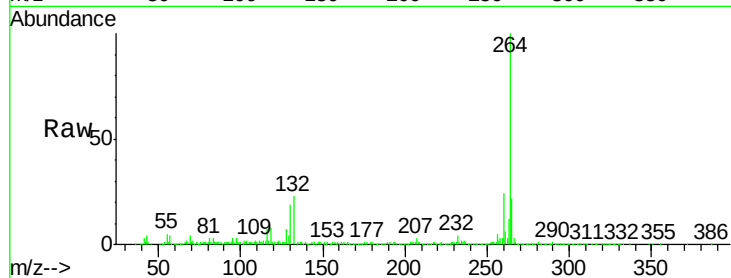




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.68 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BF090452.D
Acq: 7 Oct 2016 19:13

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-001-C

Tgt Ion: 264 Resp: 417617
Ion Ratio Lower Upper
264 100
260 24.2 19.3 28.9
265 22.0 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

