

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100516\
 Data File : BF090410.D
 Acq On : 6 Oct 2016 5:17
 Operator : UM/SJ
 Sample : H5085-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHA-STA-1698-D(0-2)

Quant Time: Oct 06 06:53:46 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	7.00	152	230701	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	989159	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	475194	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	765818	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	611336	20.00	ng	-0.01
86) Perylene-d12	15.69	264	160662	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1935077	125.19	ng	0.01
7) Phenol-d6	6.62	99	2234319	110.36	ng	0.00
23) Nitrobenzene-d5	7.56	82	1635065	80.41	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	603156	156.10	ng	-0.01
44) 2-Fluorobiphenyl	9.37	172	2641214	92.61	ng	-0.01
78) Terphenyl-d14	13.14	244	2961164	108.90	ng	0.00

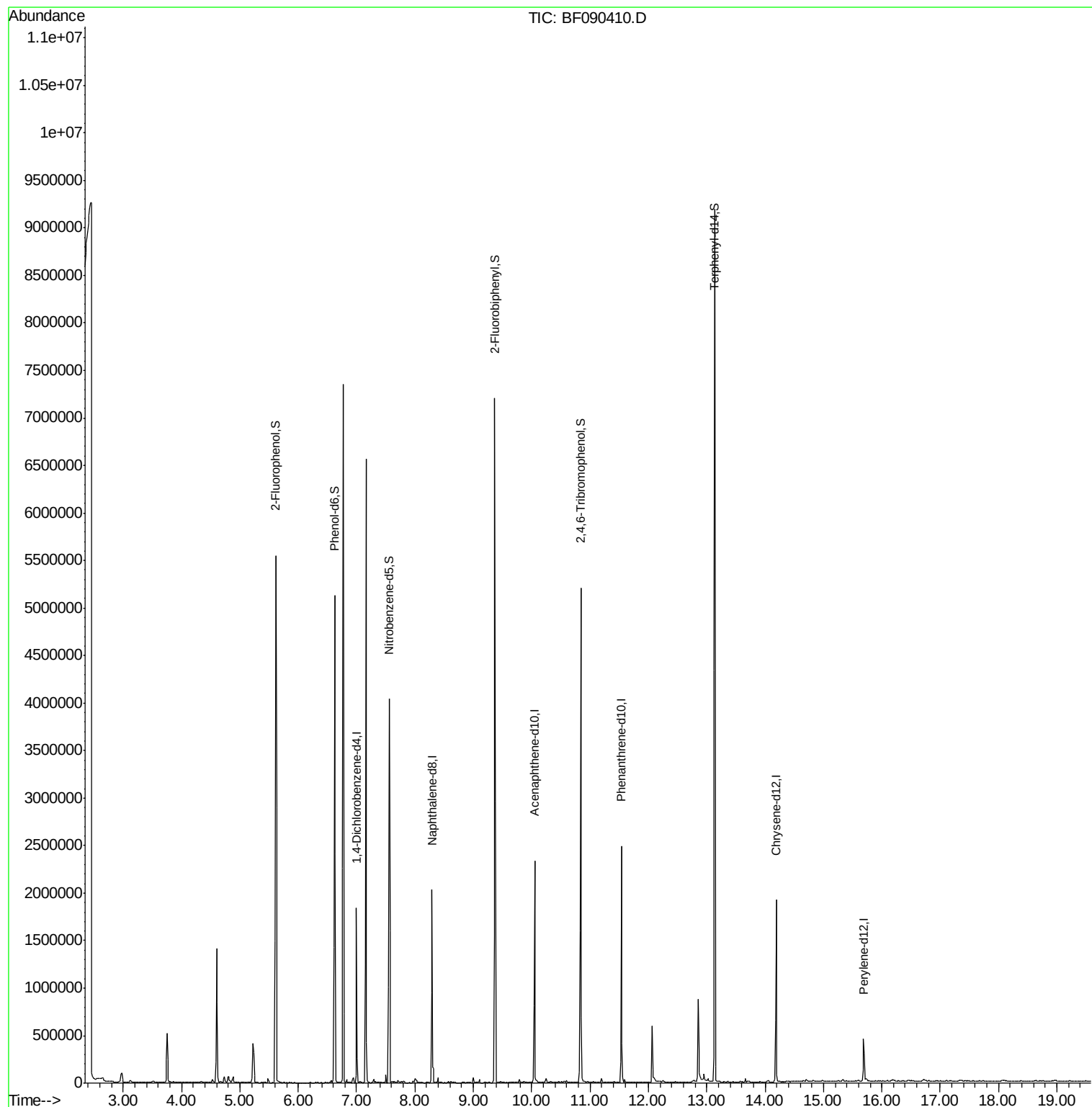
Target Compounds	Qvalue
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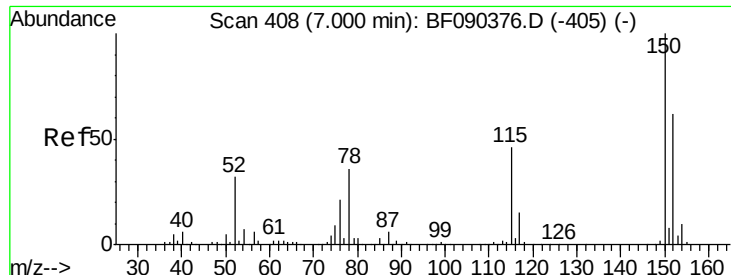
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF090410.D

Acq: 6 Oct 2016 5:17

Instrument :

BNA_F

ClientSampleId :

CHA-STA-1698-D(0-2)

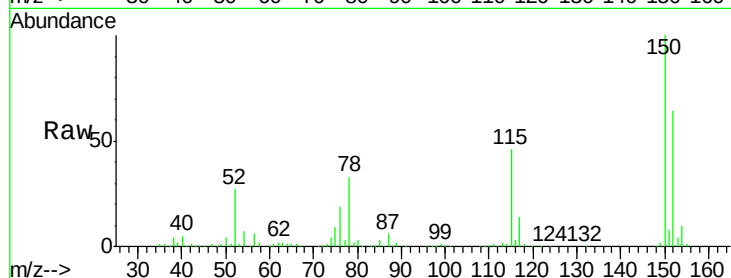
Tot Ion:152 Resp: 230701

Ion Ratio Lower Upper

152 100

150 156.8 124.6 186.8

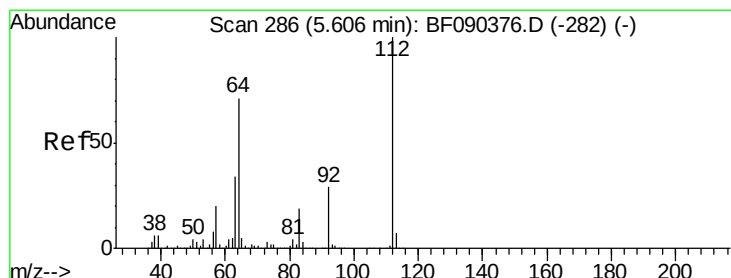
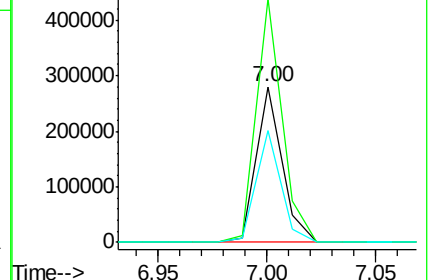
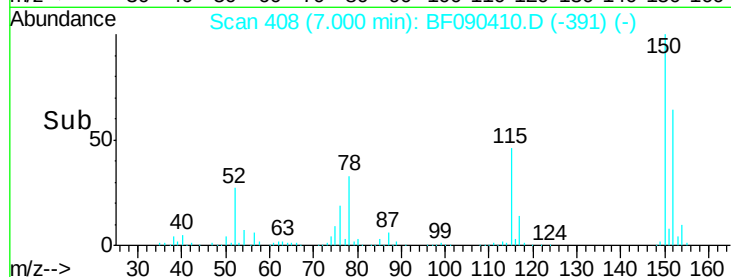
115 71.8 46.2 69.4#



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: 125.19 ng

RT: 5.62 min Scan# 287

Delta R.T. 0.01 min

Lab File: BF090410.D

Acq: 6 Oct 2016 5:17

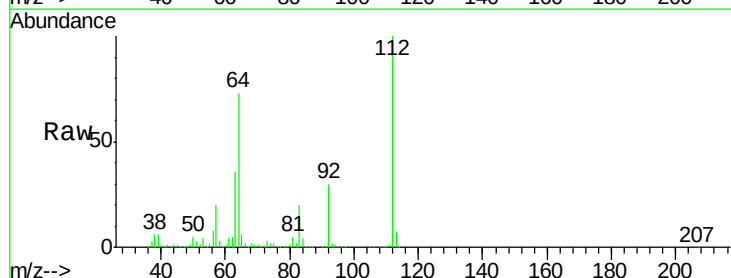
Tgt Ion:112 Resp: 1935077

Ion Ratio Lower Upper

112 100

64 73.3 57.9 86.9

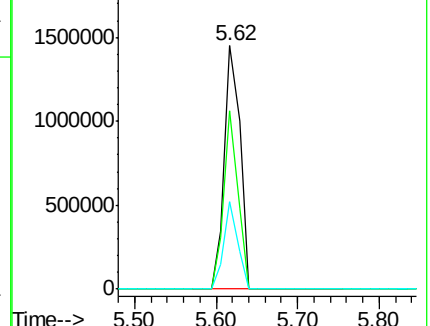
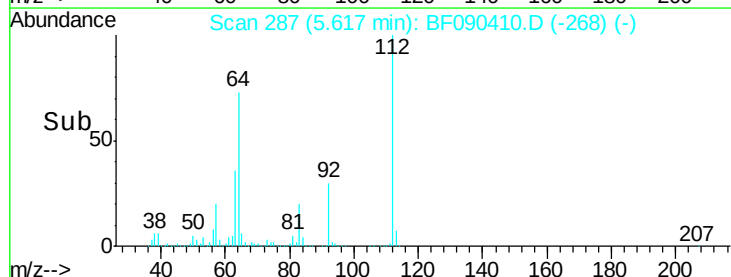
63 35.7 29.6 44.4

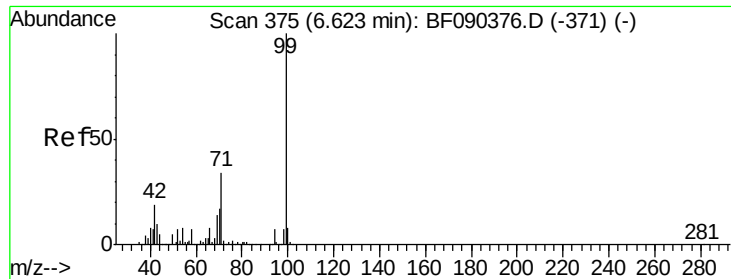


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 110.36 ng

RT: 6.62 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF090410.D

Acq: 6 Oct 2016 5:17

Instrument :

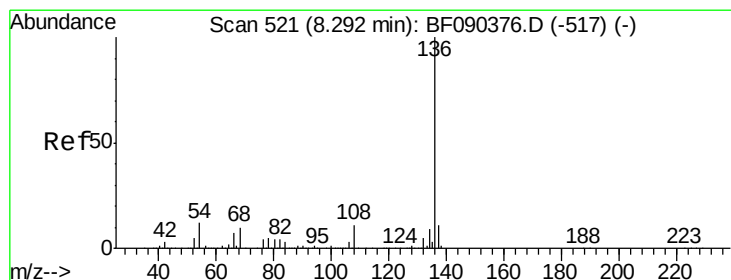
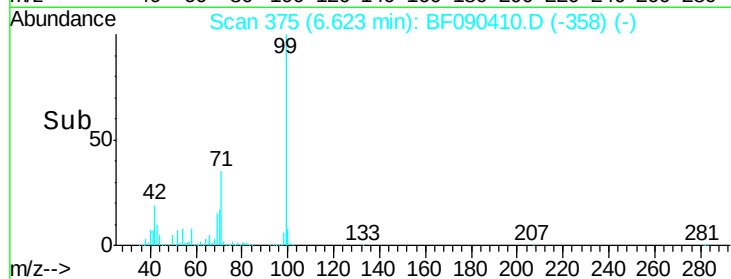
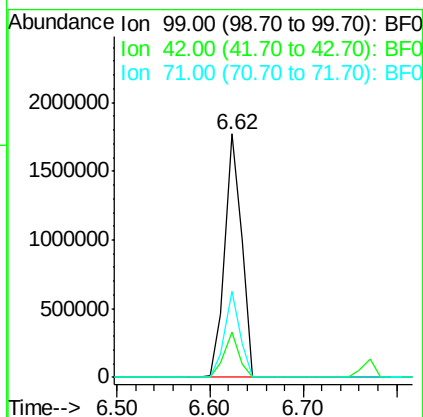
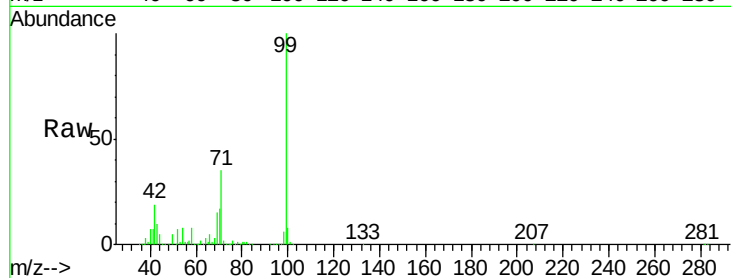
BNA_F

ClientSampleId :

CHA-STA-1698-D(0-2)

Tot Ion: 99 Resp: 2234319

Ion	Ratio	Lower	Upper
99	100		
42	18.6	20.0	30.0#
71	35.2	27.9	41.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.29 min Scan# 521

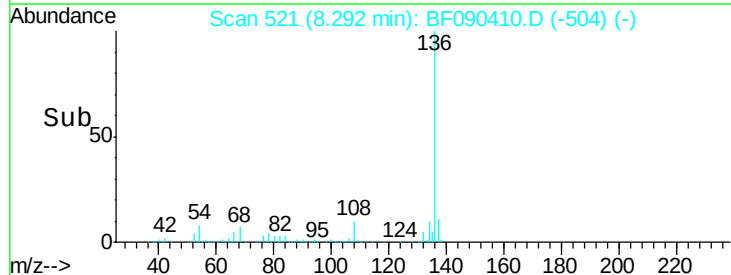
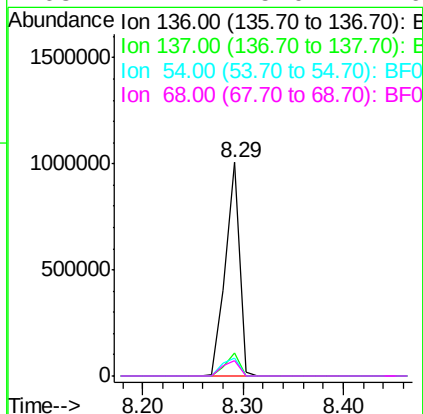
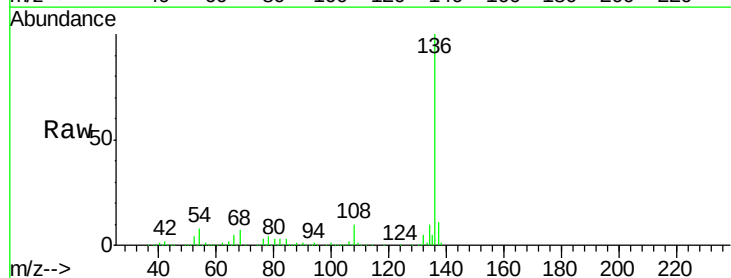
Delta R.T. -0.00 min

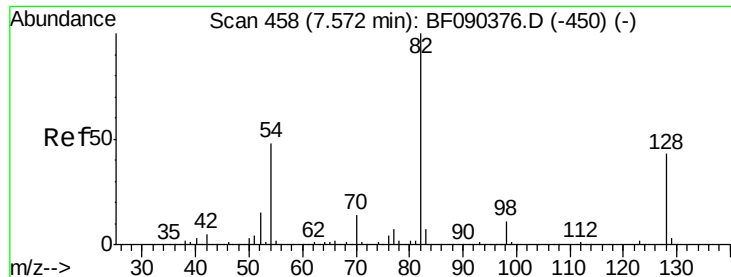
Lab File: BF090410.D

Acq: 6 Oct 2016 5:17

Tgt Ion: 136 Resp: 989159

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	8.4	6.6	10.0
68	7.2	5.0	7.6





#23

Nitrobenzene-d5

Concen: 80.41 ng

RT: 7.56 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF090410.D

Acq: 6 Oct 2016 5:17

Instrument :

BNA_F

ClientSampleId :

CHA-STA-1698-D(0-2)

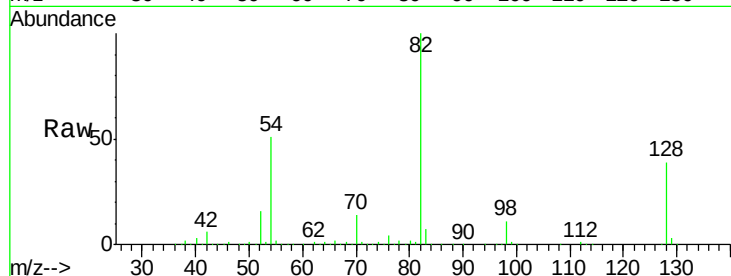
Tot Ion: 82 Resp: 1635065

Ion Ratio Lower Upper

82 100

128 38.5 40.0 60.0#

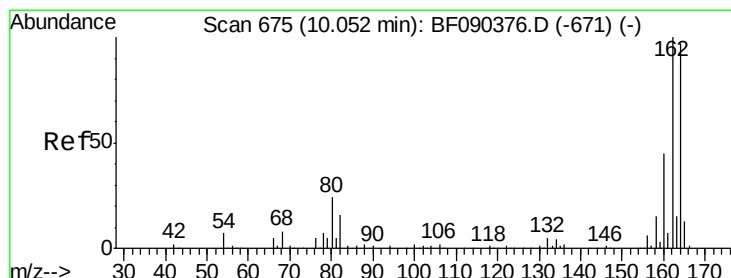
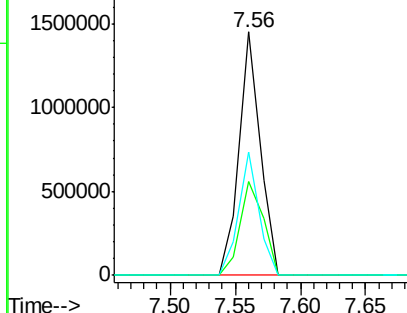
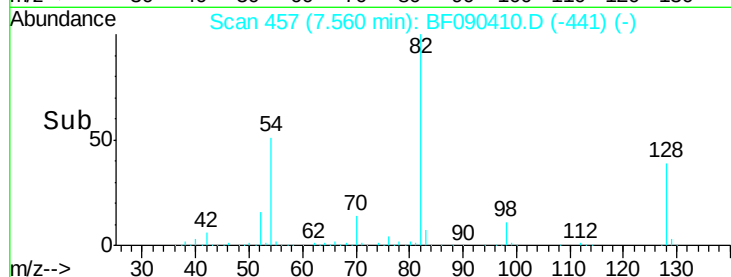
54 50.8 42.6 64.0



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: BF090410.D

Acq: 6 Oct 2016 5:17

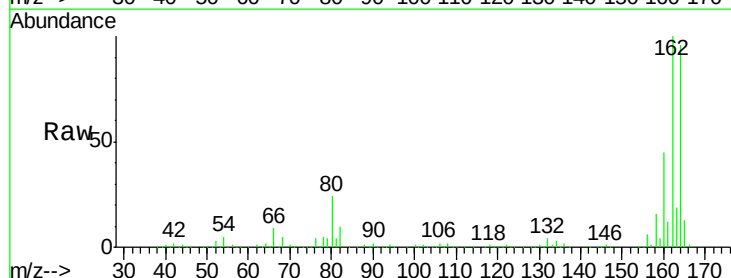
Tgt Ion:164 Resp: 475194

Ion Ratio Lower Upper

164 100

162 104.4 80.1 120.1

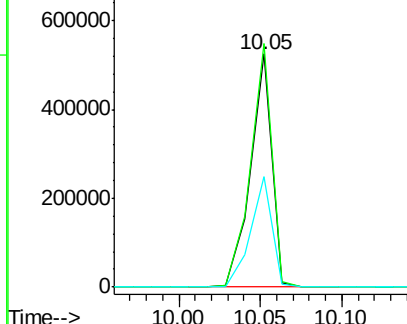
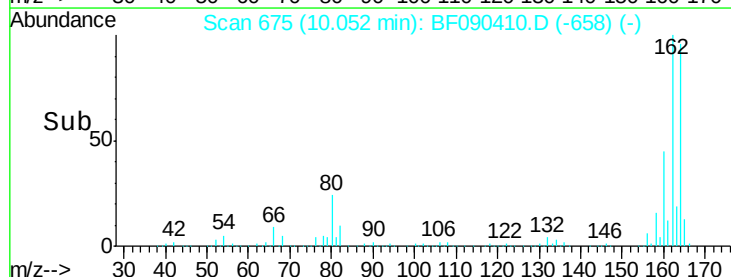
160 47.4 36.3 54.5

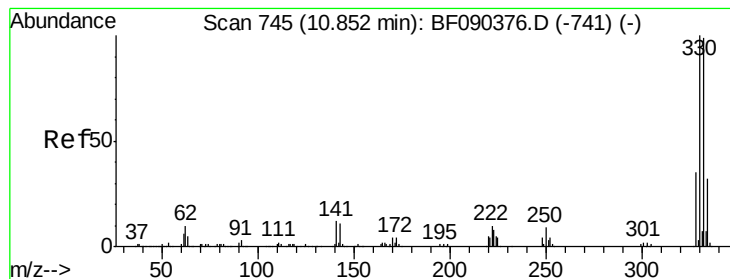


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 156.10 ng

RT: 10.84 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF090410.D

Acq: 6 Oct 2016 5:17

Instrument :

BNA_F

ClientSampleId :

CHA-STA-1698-D(0-2)

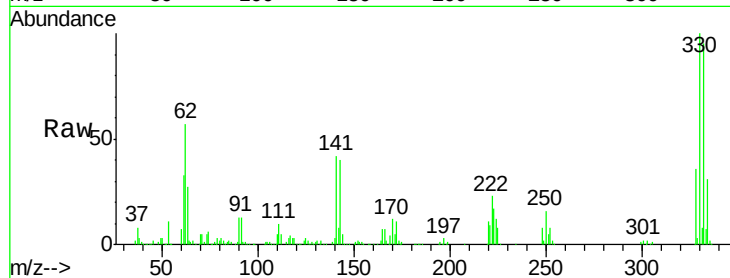
Tot Ion:330 Resp: 603156

Ion Ratio Lower Upper

330 100

332 95.4 75.4 113.0

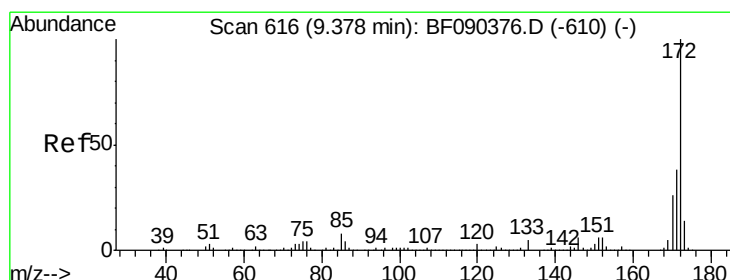
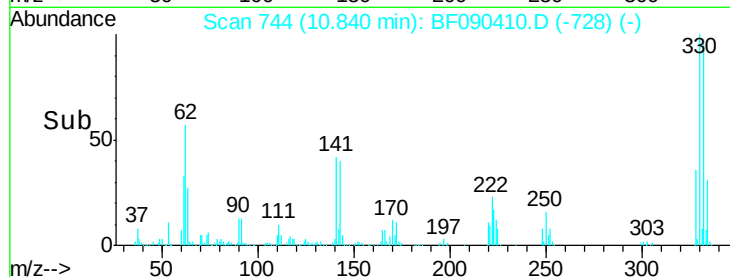
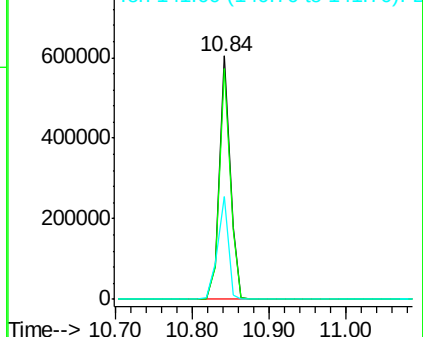
141 41.4 26.9 40.3#



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: 92.61 ng

RT: 9.37 min Scan# 615

Delta R.T. -0.01 min

Lab File: BF090410.D

Acq: 6 Oct 2016 5:17

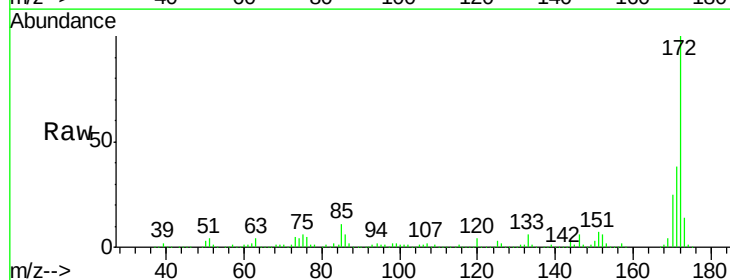
Tgt Ion:172 Resp: 2641214

Ion Ratio Lower Upper

172 100

171 37.8 31.8 47.8

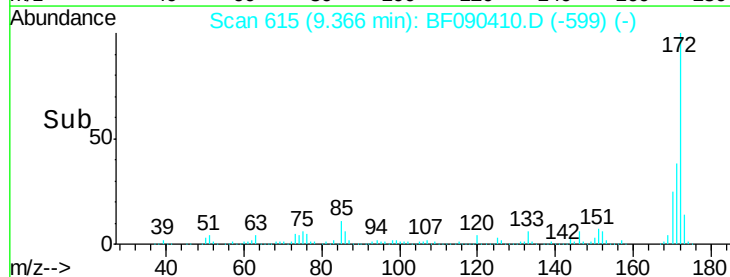
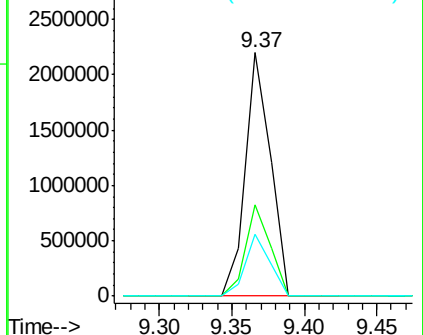
170 25.5 21.7 32.5

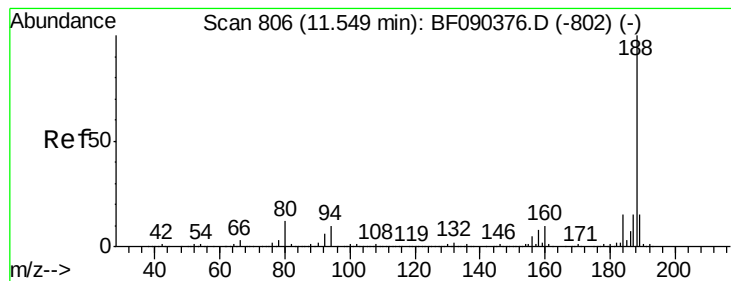


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.54 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF090410.D

Acq: 6 Oct 2016 5:17

Instrument :

BNA_F

ClientSampleId :

CHA-STA-1698-D(0-2)

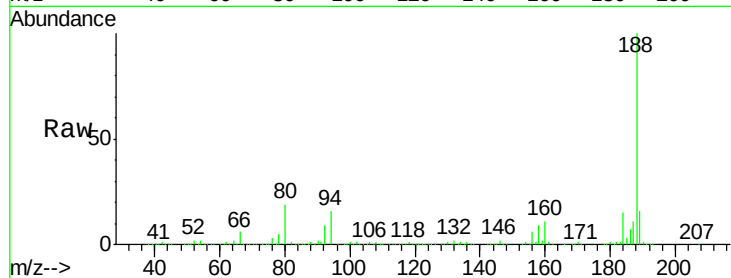
Tot Ion:188 Resp: 765818

Ion Ratio Lower Upper

188 100

94 15.8 8.2 12.2#

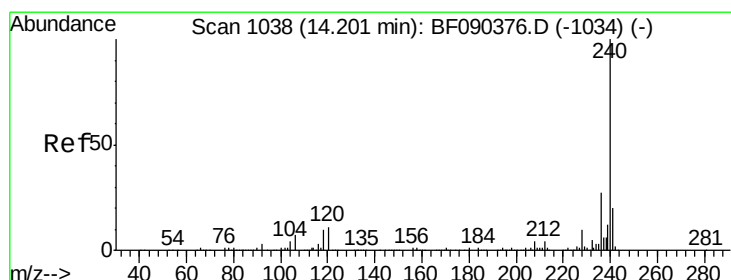
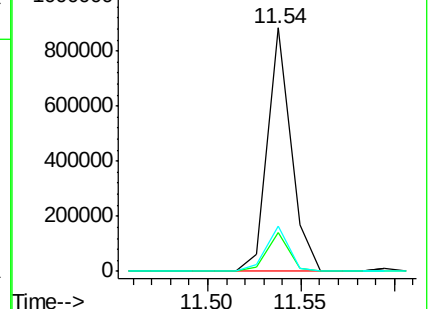
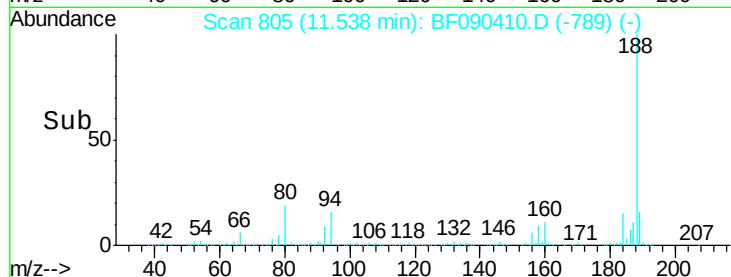
80 18.6 8.8 13.2#



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: BF090410.D

Acq: 6 Oct 2016 5:17

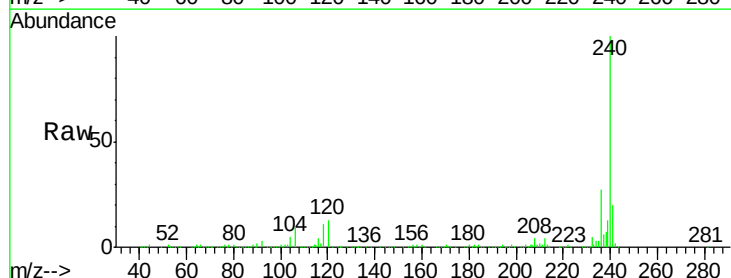
Tgt Ion:240 Resp: 611336

Ion Ratio Lower Upper

240 100

120 12.6 8.6 13.0

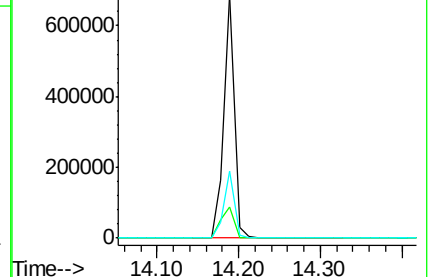
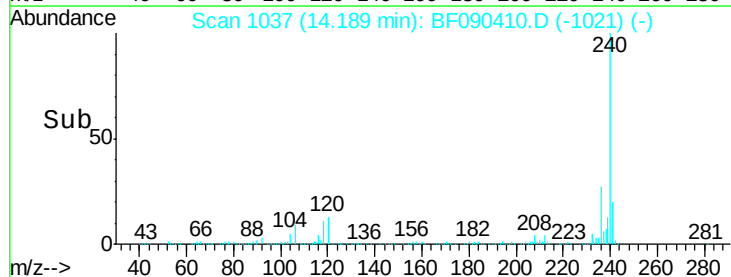
236 27.4 21.6 32.4

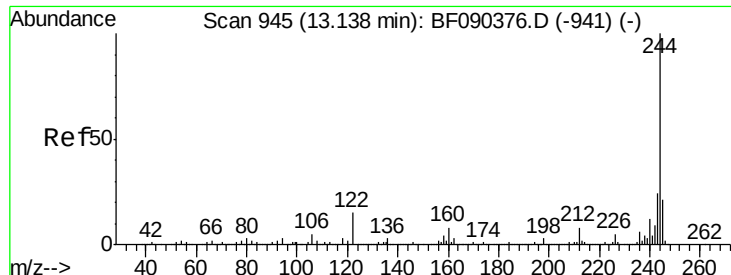


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 108.90 ng

RT: 13.14 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF090410.D

Acq: 6 Oct 2016 5:17

Instrument :

BNA_F

ClientSampleId :

CHA-STA-1698-D(0-2)

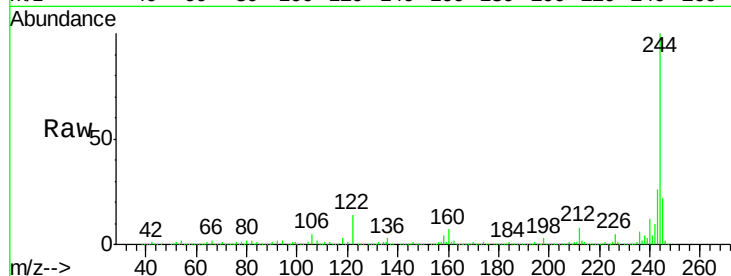
Tot Ion:244 Resp: 2961164

Ion Ratio Lower Upper

244 100

212 7.8 6.8 10.2

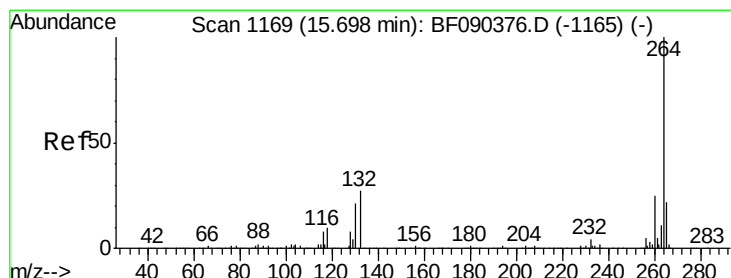
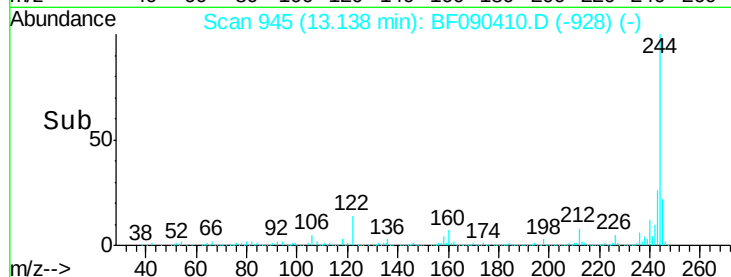
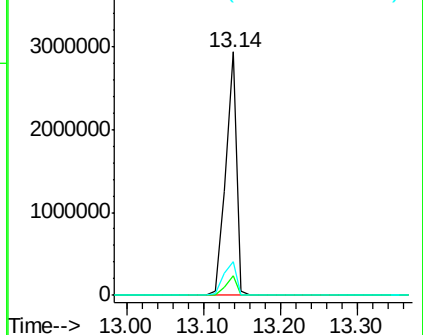
122 13.7 13.3 19.9



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: 15.69 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF090410.D

Acq: 6 Oct 2016 5:17

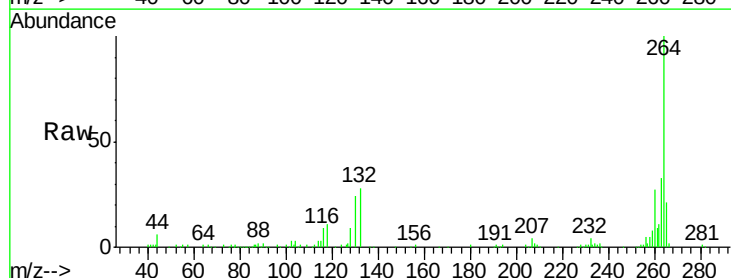
Tgt Ion:264 Resp: 160662

Ion Ratio Lower Upper

264 100

260 26.5 19.3 28.9

265 21.2 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

