

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102516\
 Data File : BF090822.D
 Acq On : 25 Oct 2016 22:01
 Operator : UM/SJ
 Sample : H5394-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWELL-WEST

Quant Time: Oct 26 01:19:02 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 25 18:56:36 2016
 Response via : Initial Calibration

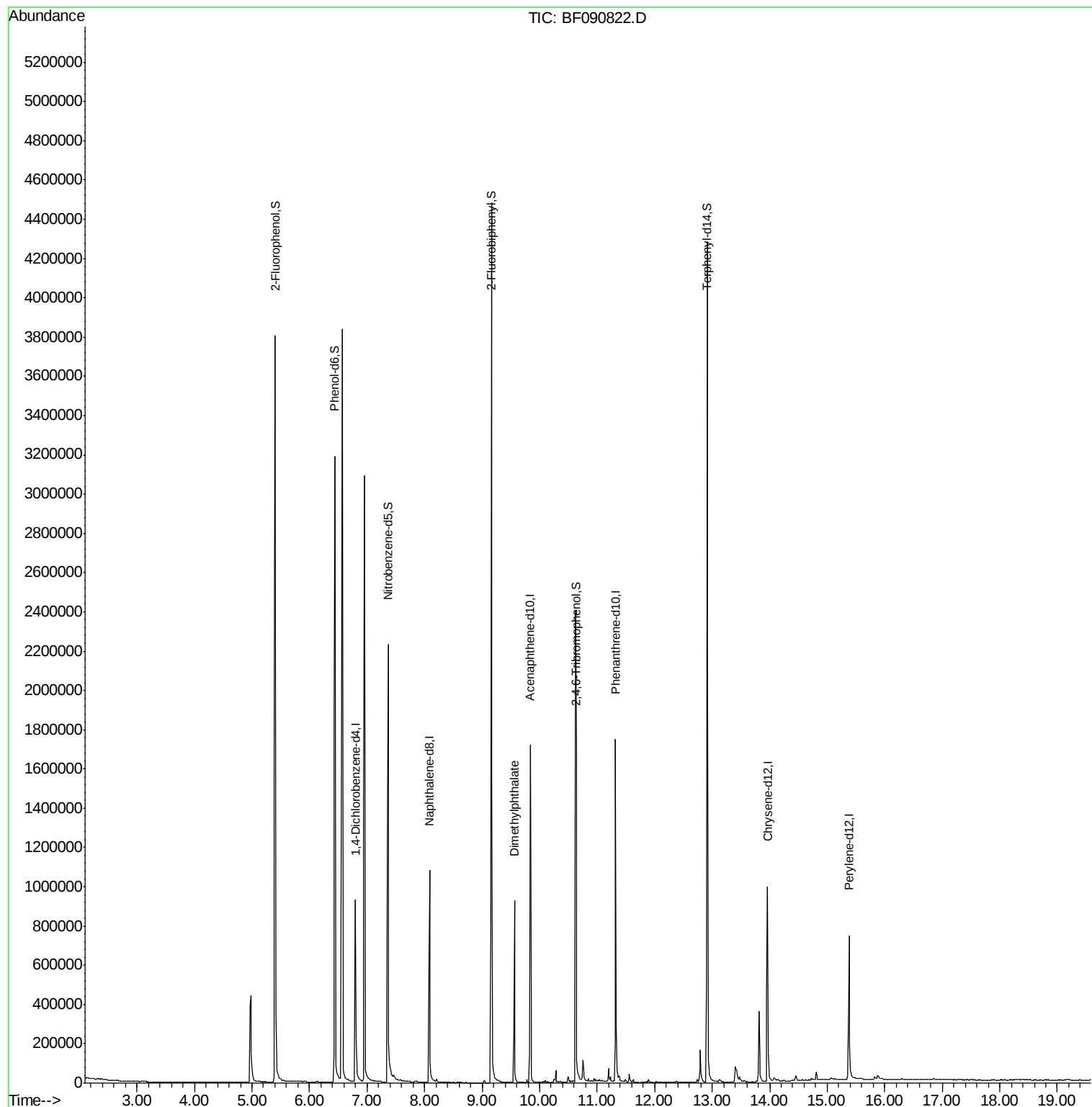
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	175010	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	718942	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	388038	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	665311	20.00	ng	0.00
75) Chrysene-d12	13.96	240	431544	20.00	ng	0.00
86) Perylene-d12	15.38	264	332854	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1272340	117.25	ng	0.01
7) Phenol-d6	6.44	99	1587206	107.98	ng	0.00
23) Nitrobenzene-d5	7.37	82	1110871	84.75	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	508488	165.56	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1745131	69.82	ng	-0.01
78) Terphenyl-d14	12.91	244	1824546	96.90	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.56	163	440538	18.07	ng	# 97

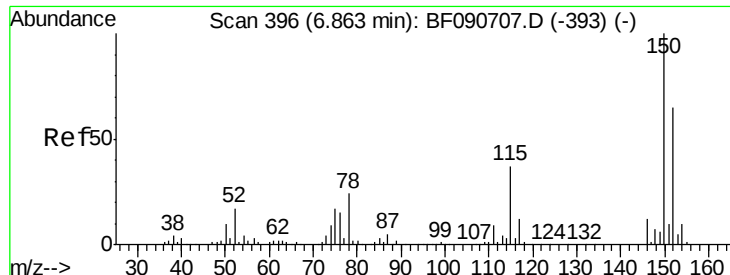
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF090822.D

Acq: 25 Oct 2016 22:01

Instrument :

BNA_F

ClientSampleId :

SIDEWELL-WEST

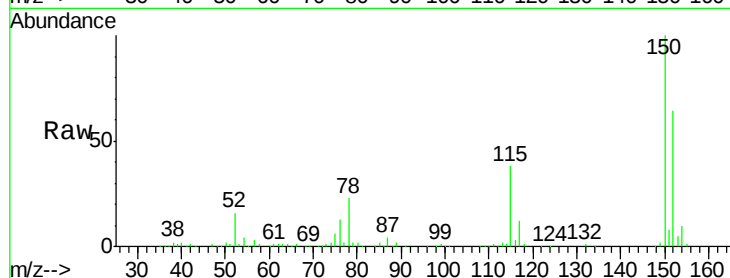
Tot Ion:152 Resp: 175010

Ion Ratio Lower Upper

152 100

150 155.6 124.7 187.1

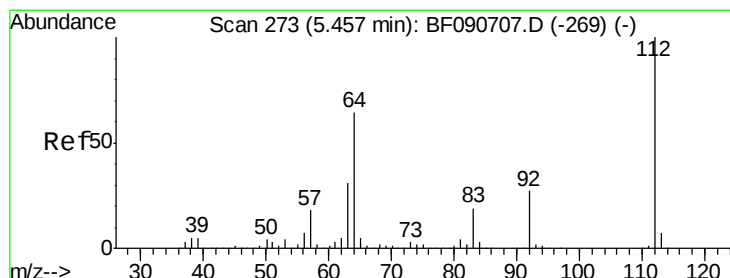
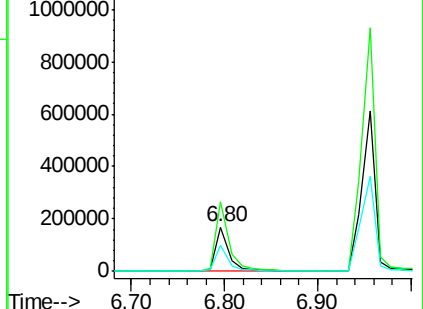
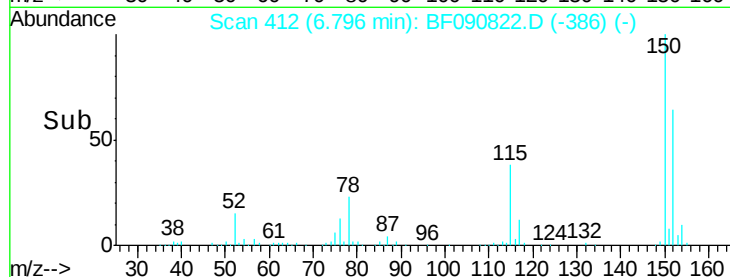
115 59.7 39.0 58.4#



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: 117.25 ng

RT: 5.40 min Scan# 290

Delta R.T. 0.01 min

Lab File: BF090822.D

Acq: 25 Oct 2016 22:01

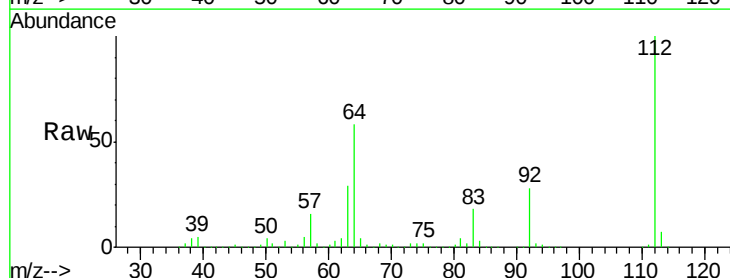
Tgt Ion:112 Resp: 1272340

Ion Ratio Lower Upper

112 100

64 57.6 39.7 59.5

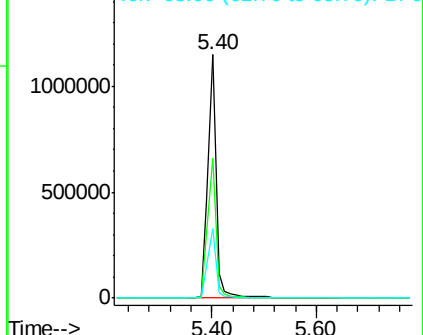
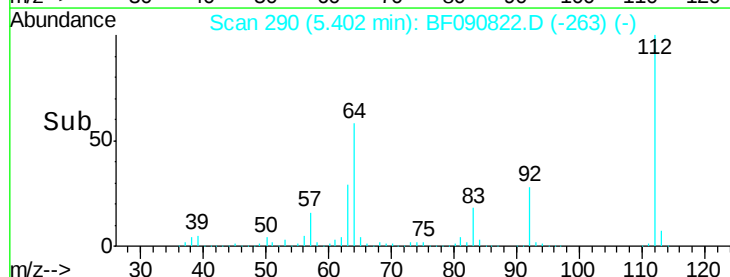
63 28.7 17.4 26.0#

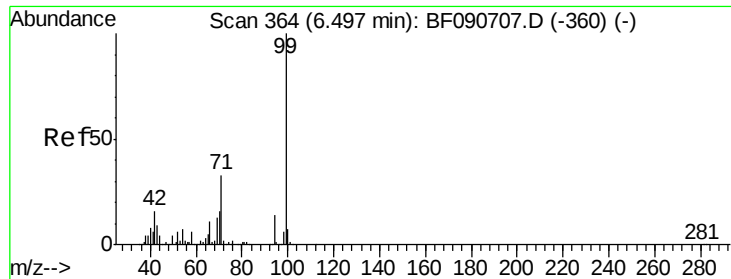


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 107.98 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF090822.D

Acq: 25 Oct 2016 22:01

Instrument :

BNA_F

ClientSampleId :

SIDEWELL-WEST

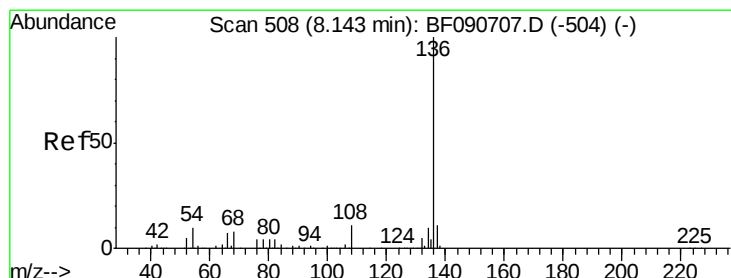
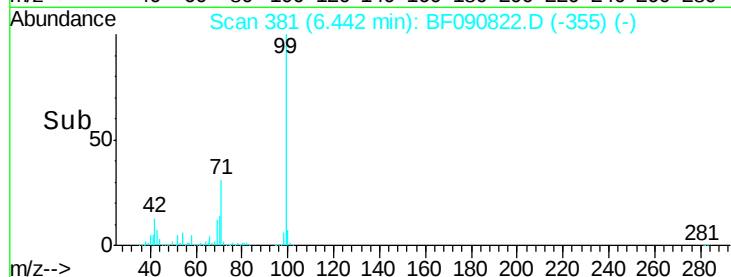
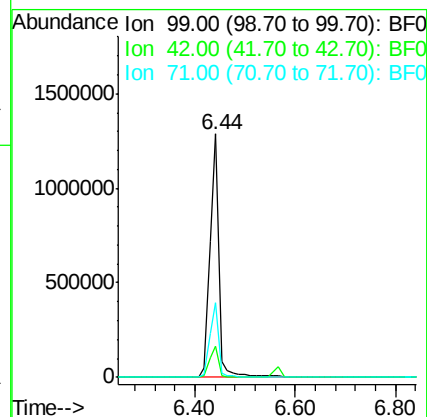
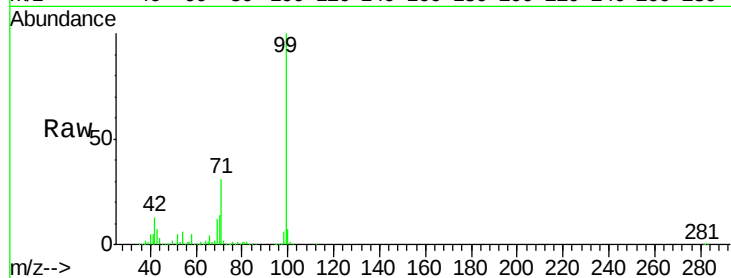
Tot Ion: 99 Resp: 1587206

Ion Ratio Lower Upper

99 100

42 12.9 13.7 20.5#

71 30.9 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF090822.D

Acq: 25 Oct 2016 22:01

Tgt Ion: 136 Resp: 718942

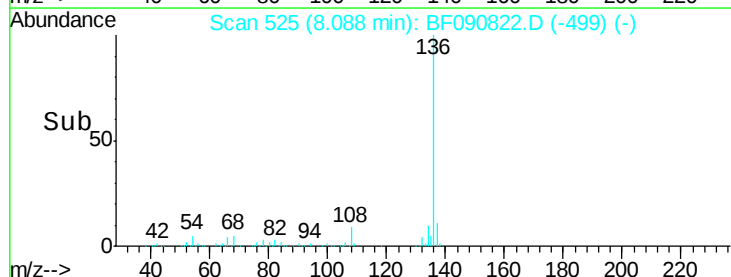
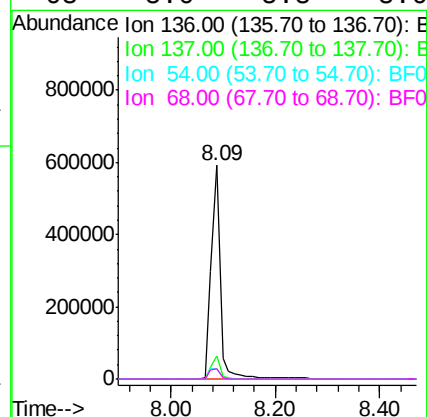
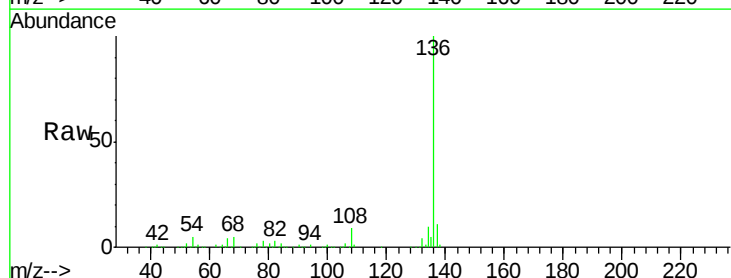
Ion Ratio Lower Upper

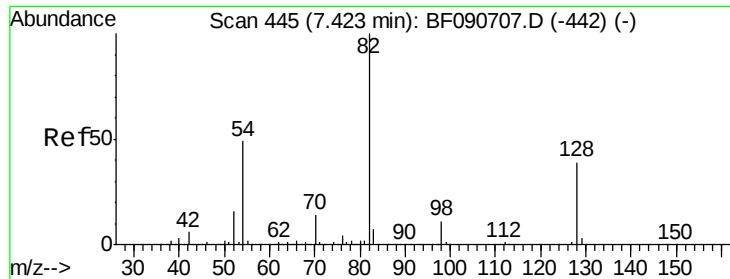
136 100

137 10.8 9.0 13.6

54 5.0 8.2 12.2#

68 5.0 5.8 8.6#

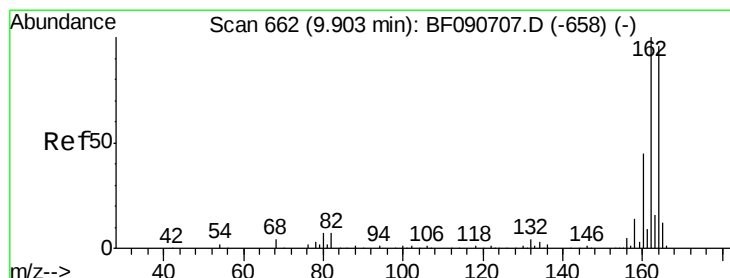
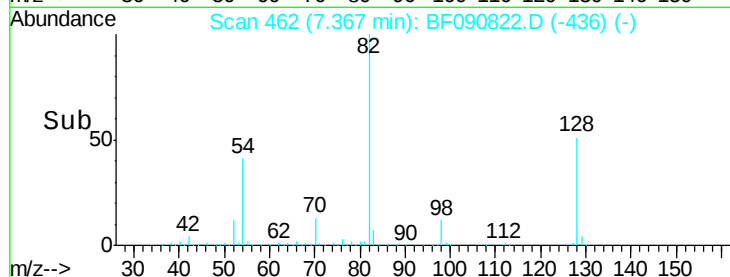
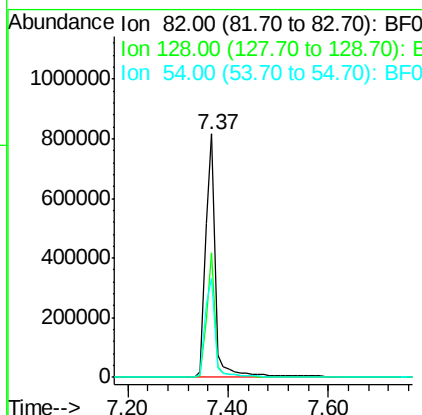
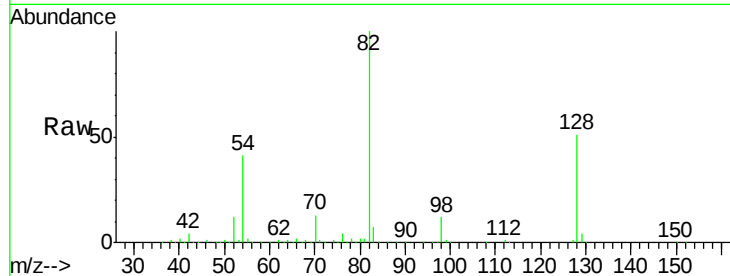




#23
 Nitrobenzene-d5
 Concen: 84.75 ng
 RT: 7.37 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF090822.D
 Acq: 25 Oct 2016 22:01

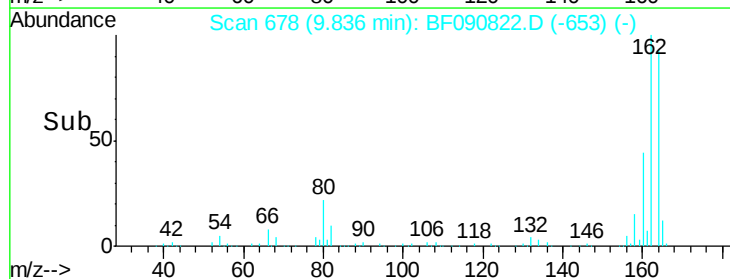
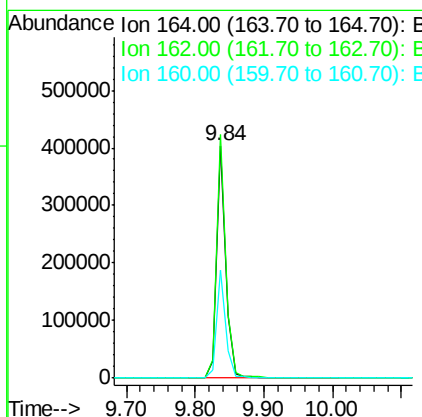
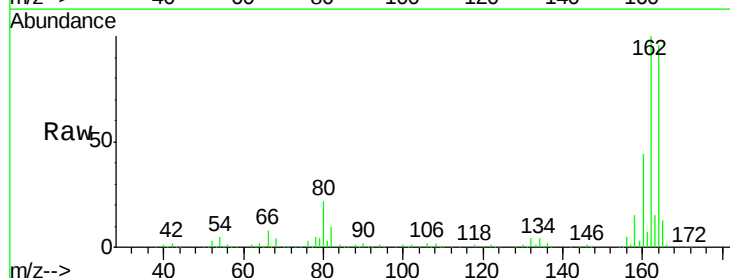
Instrument :
 BNA_F
 ClientSampleId :
 SIDEWELL-WEST

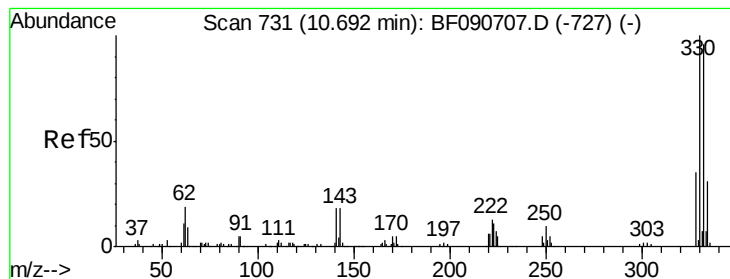
Tot Ion: 82 Resp: 1110871
 Ion Ratio Lower Upper
 82 100
 128 51.0 51.0 76.6#
 54 40.6 47.5 71.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.01 min
 Lab File: BF090822.D
 Acq: 25 Oct 2016 22:01

Tgt Ion:164 Resp: 388038
 Ion Ratio Lower Upper
 164 100
 162 104.7 75.2 112.8
 160 46.2 31.5 47.3





#41

2,4,6-Tribromophenol

Concen: 165.56 ng

RT: 10.64 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF090822.D

Acq: 25 Oct 2016 22:01

Instrument :

BNA_F

ClientSampleId :

SIDEWELL-WEST

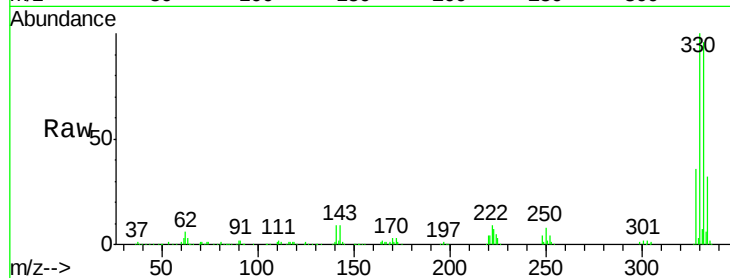
Tot Ion:330 Resp: 508488

Ion Ratio Lower Upper

330 100

332 95.9 76.6 114.8

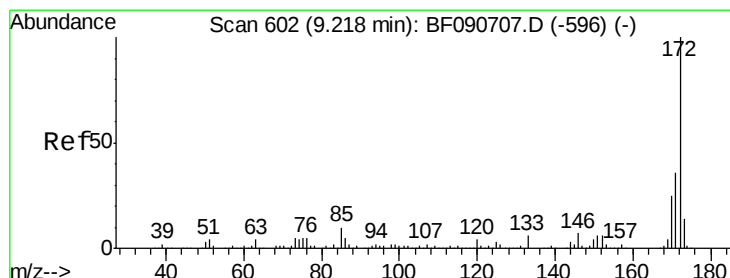
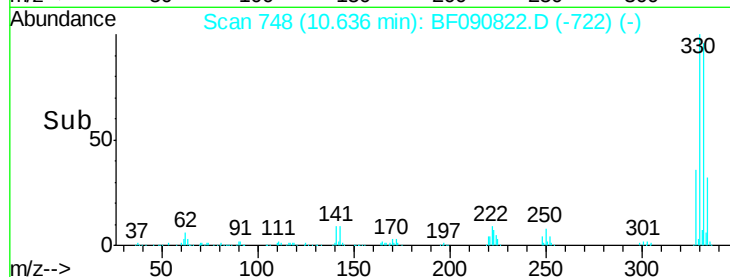
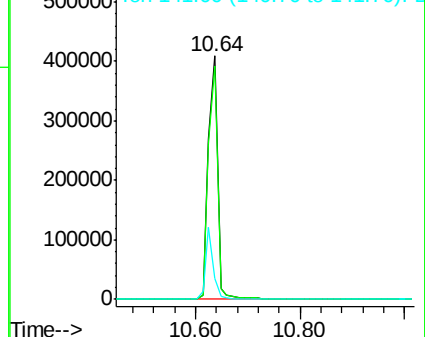
141 24.8 29.7 44.5#



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: 69.82 ng

RT: 9.16 min Scan# 619

Delta R.T. -0.01 min

Lab File: BF090822.D

Acq: 25 Oct 2016 22:01

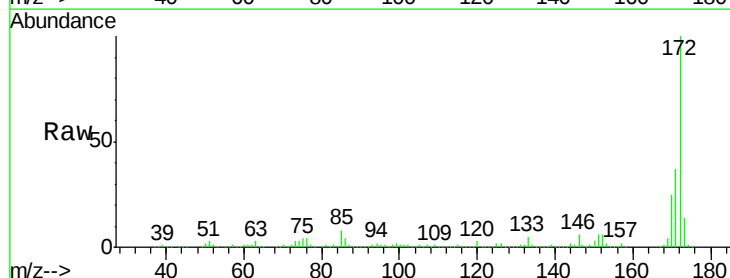
Tgt Ion:172 Resp: 1745131

Ion Ratio Lower Upper

172 100

171 37.1 26.1 39.1

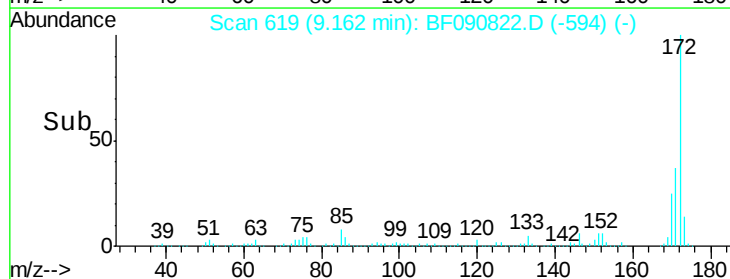
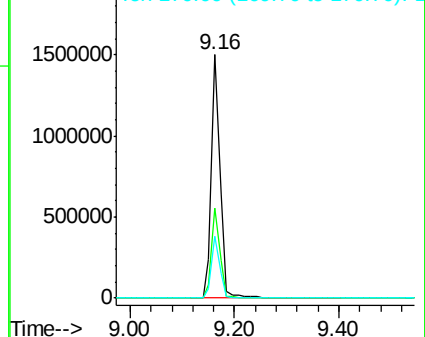
170 25.2 17.4 26.2



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

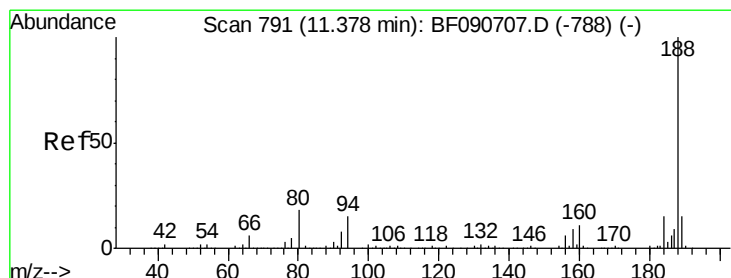
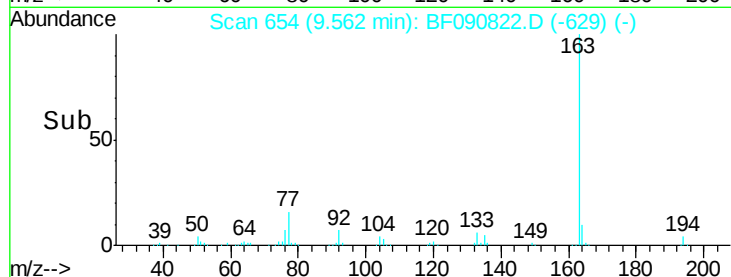
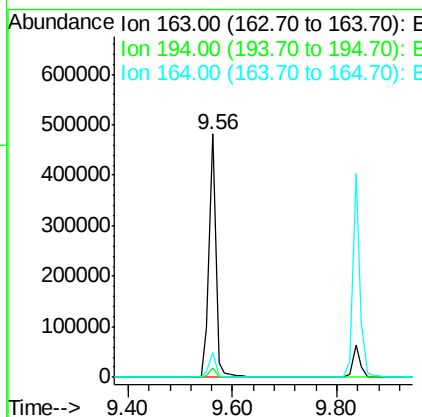
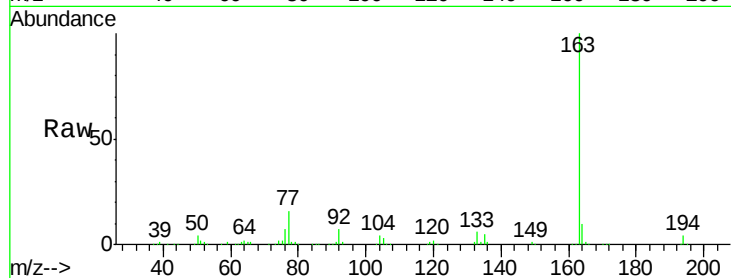




#49
Dimethylphthalate
Concen: 18.07 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF090822.D
Acq: 25 Oct 2016 22:01

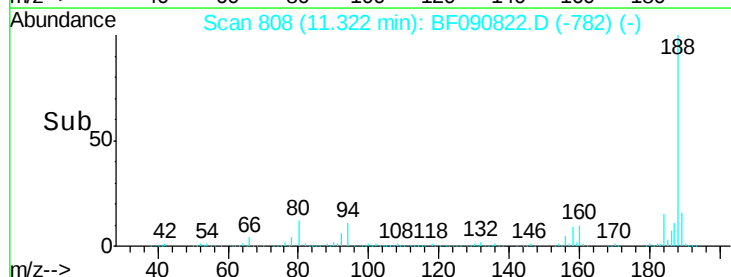
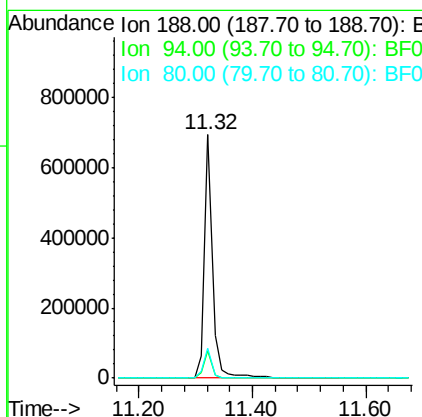
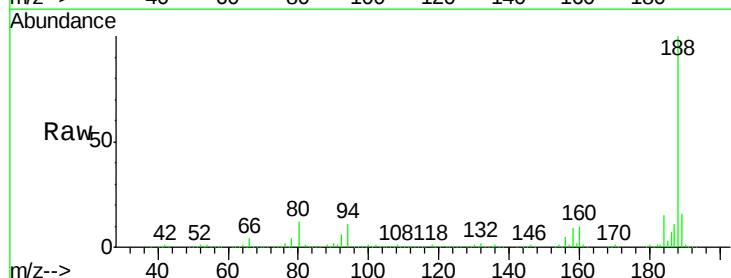
Instrument :
BNA_F
ClientSampleId :
SIDEWELL-WEST

Tot Ion:163 Resp: 440538
Ion Ratio Lower Upper
163 100
194 3.6 4.4 6.6#
164 9.9 8.3 12.5



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF090822.D
Acq: 25 Oct 2016 22:01

Tgt Ion:188 Resp: 665311
Ion Ratio Lower Upper
188 100
94 11.2 11.1 16.7
80 12.3 11.0 16.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF090822.D

Acq: 25 Oct 2016 22:01

Instrument :

BNA_F

ClientSampleId :

SIDEWELL-WEST

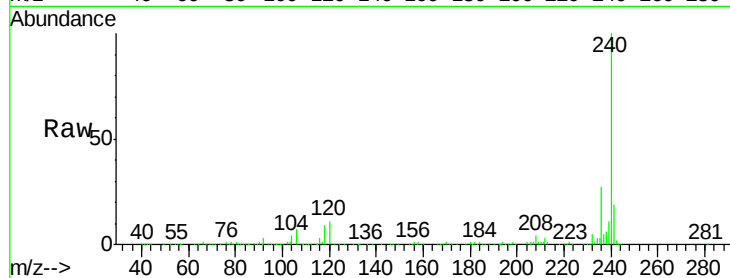
Tot Ion:240 Resp: 431544

Ion Ratio Lower Upper

240 100

120 11.0 16.2 24.2#

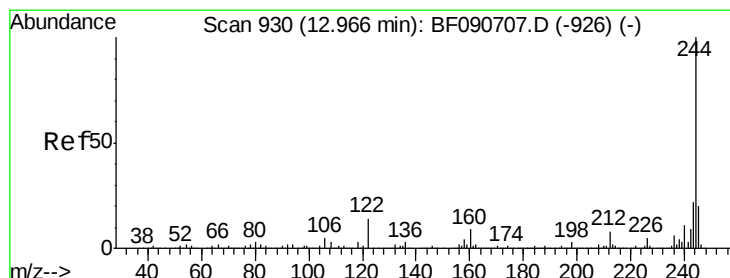
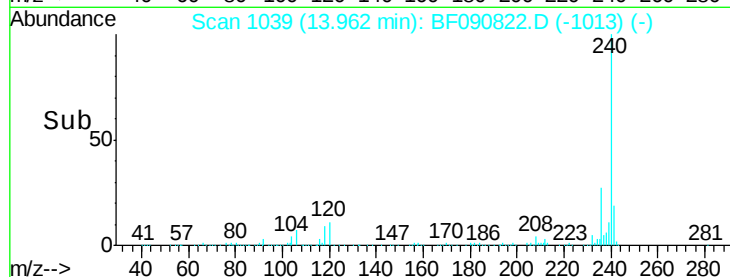
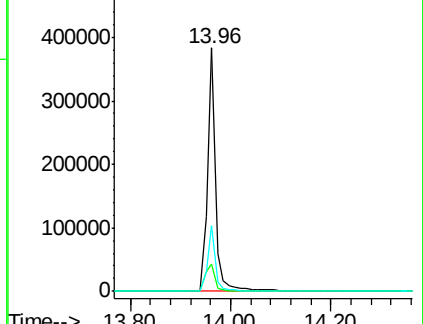
236 26.9 18.4 27.6



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: 96.90 ng

RT: 12.91 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF090822.D

Acq: 25 Oct 2016 22:01

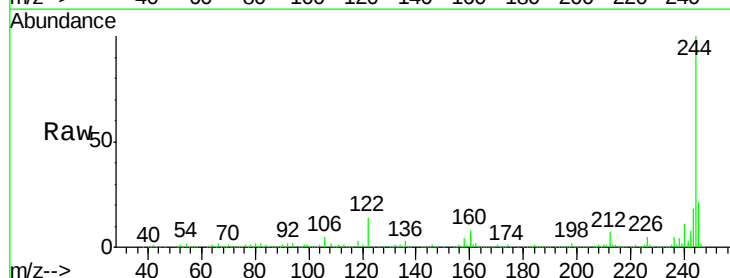
Tgt Ion:244 Resp: 1824546

Ion Ratio Lower Upper

244 100

212 7.1 4.3 6.5#

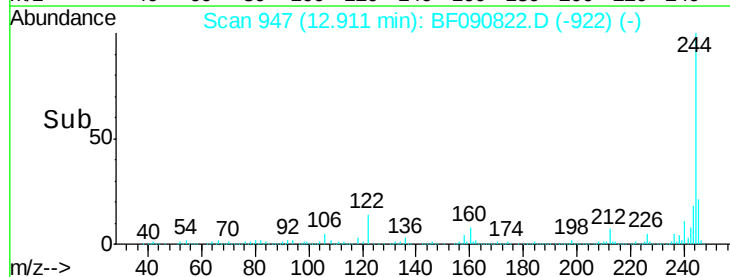
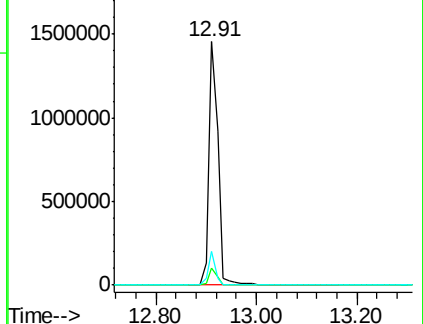
122 13.8 17.4 26.2#

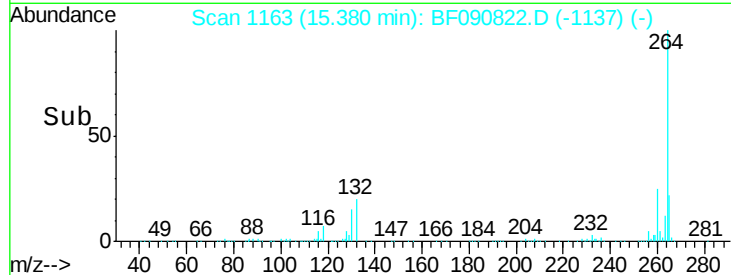
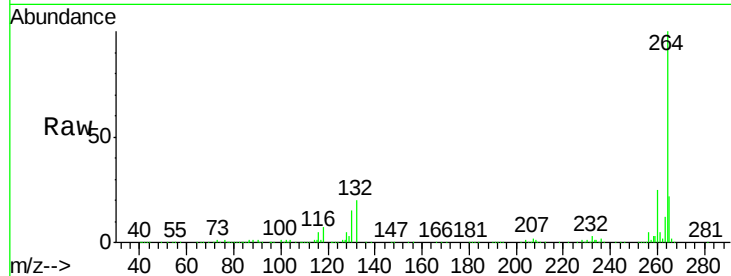
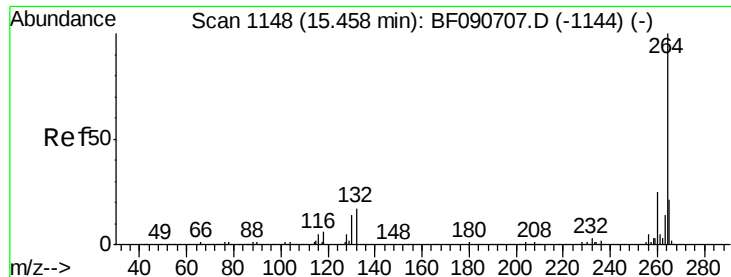


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.38 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF090822.D
 Acq: 25 Oct 2016 22:01

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWELL-WEST

Tot Ion: 264 Resp: 332854
 Ion Ratio Lower Upper
 264 100
 260 25.1 16.7 25.1
 265 21.6 17.2 25.8

