

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102516\
 Data File : BF090828.D
 Acq On : 26 Oct 2016 00:43
 Operator : UM/SJ
 Sample : H5396-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P4-S1

Quant Time: Oct 26 01:38:44 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

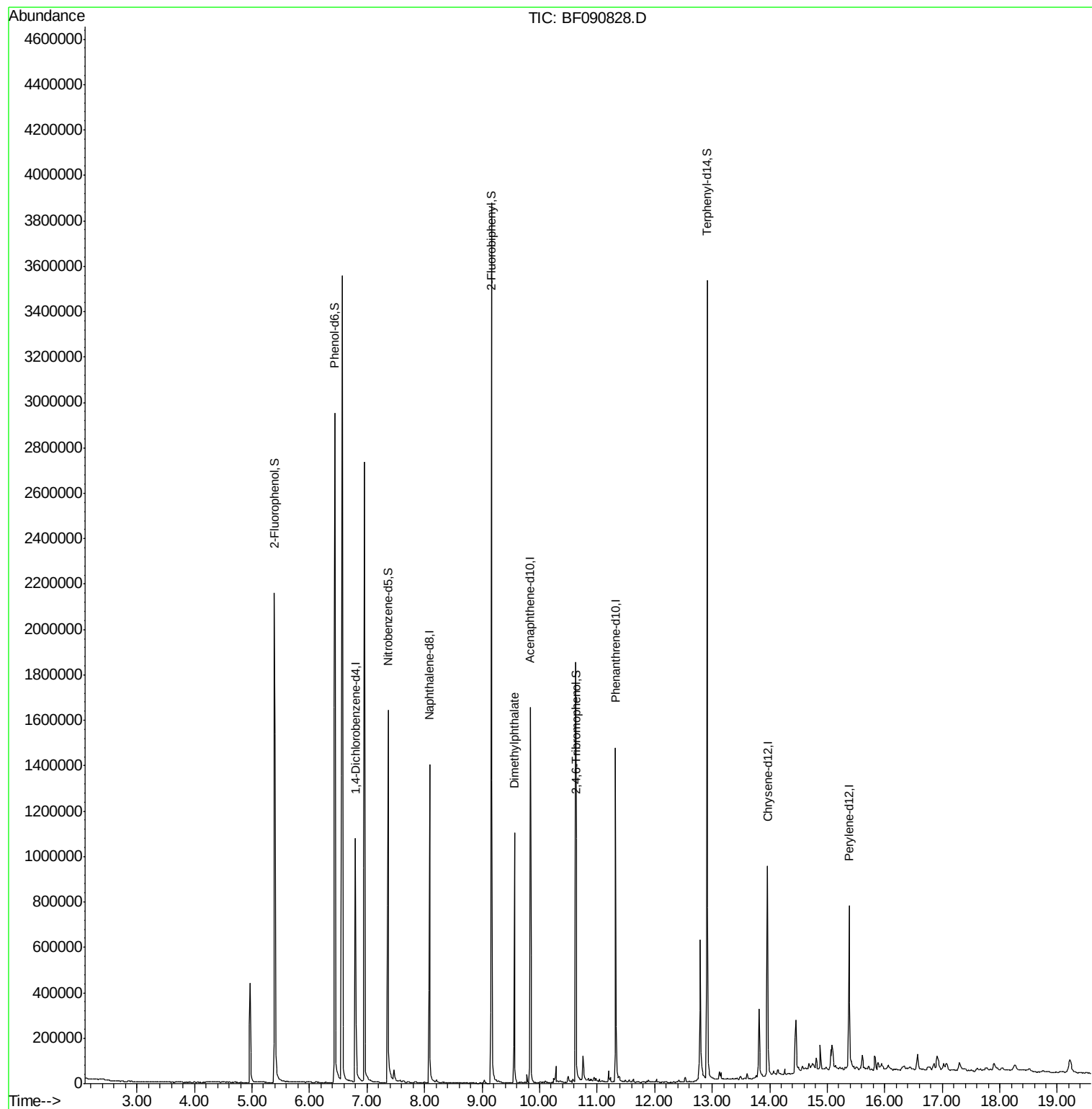
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	187434	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	749204	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	373229	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	561754	20.00	ng	0.00
75) Chrysene-d12	13.96	240	365238	20.00	ng	0.00
86) Perylene-d12	15.38	264	332015	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	939077	80.80	ng	0.00
7) Phenol-d6	6.44	99	1414858	89.88	ng	0.00
23) Nitrobenzene-d5	7.37	82	738220	54.04	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	328917	111.34	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1385080	57.61	ng	-0.01
78) Terphenyl-d14	12.91	244	1121213	70.36	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.56	163	449818	19.18	ng	# 98

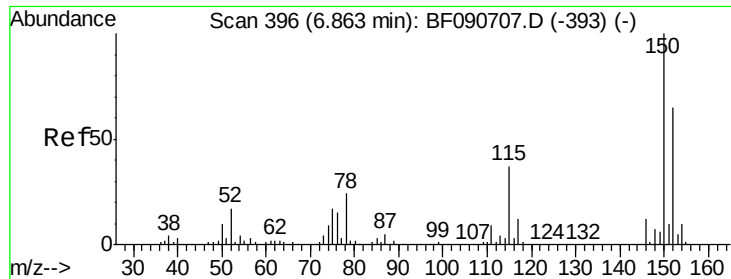
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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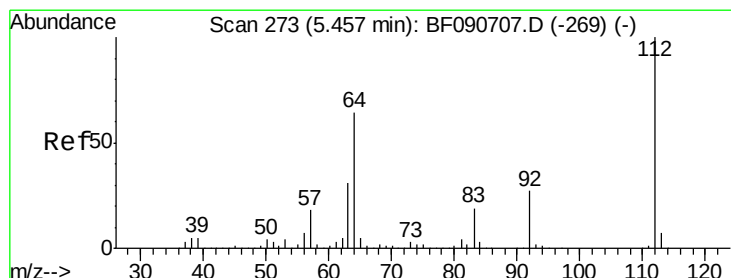
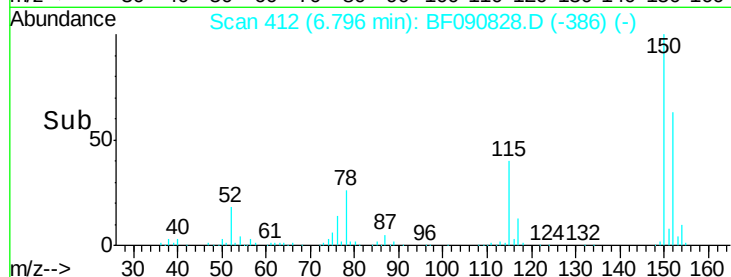
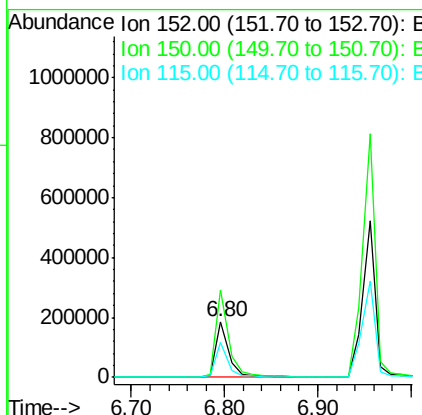
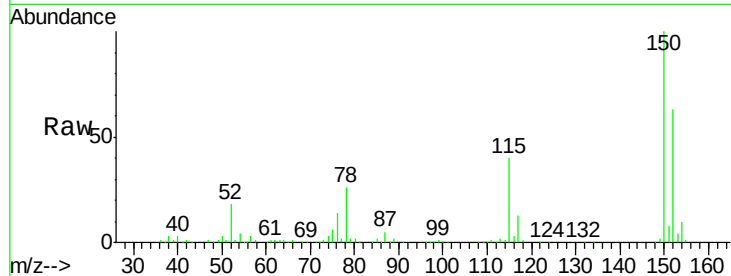


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF090828.D
Acq: 26 Oct 2016 00:43

Instrument :
BNA_F
ClientSampled :
P4-S1

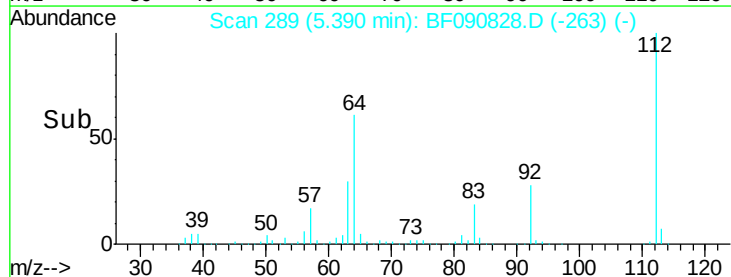
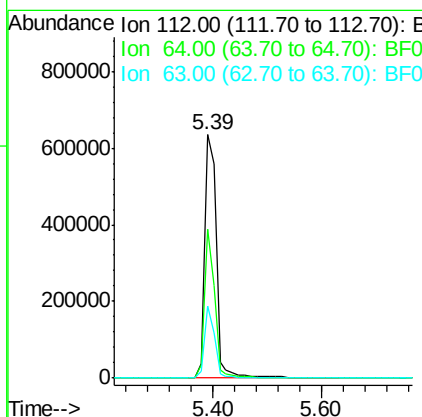
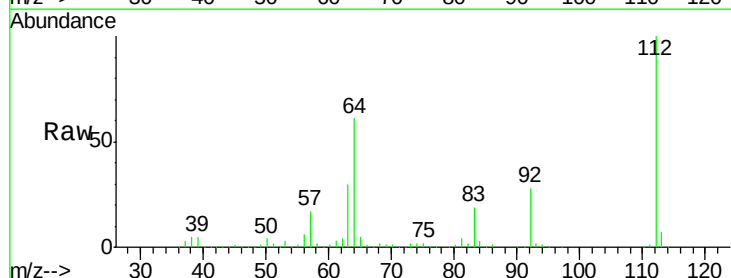
Tot Ion:152 Resp: 187434
Ion Ratio Lower Upper
152 100
150 157.5 124.7 187.1
115 62.4 39.0 58.4#

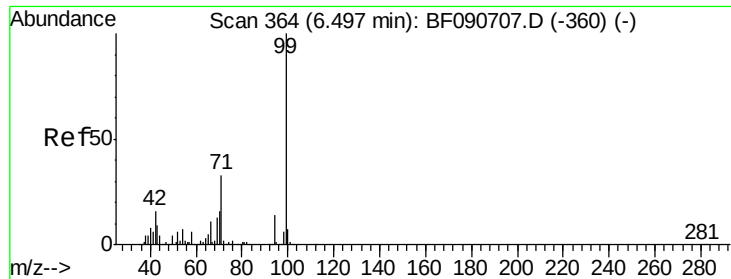


#5

2-Fluorophenol
Concen: 80.80 ng
RT: 5.39 min Scan# 289
Delta R.T. -0.00 min
Lab File: BF090828.D
Acq: 26 Oct 2016 00:43

Tgt Ion:112 Resp: 939077
Ion Ratio Lower Upper
112 100
64 61.0 39.7 59.5#
63 29.8 17.4 26.0#





#7

Phenol-d6

Concen: 89.88 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF090828.D

Acq: 26 Oct 2016 00:43

Instrument :

BNA_F

ClientSampleId :

P4-S1

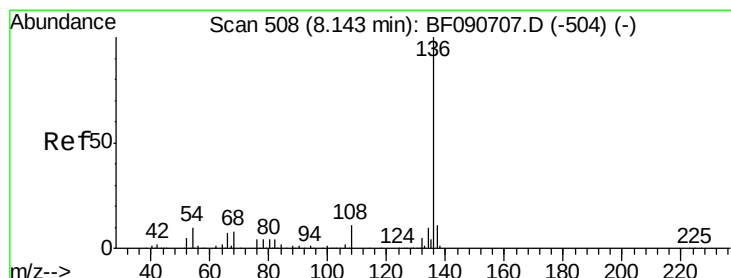
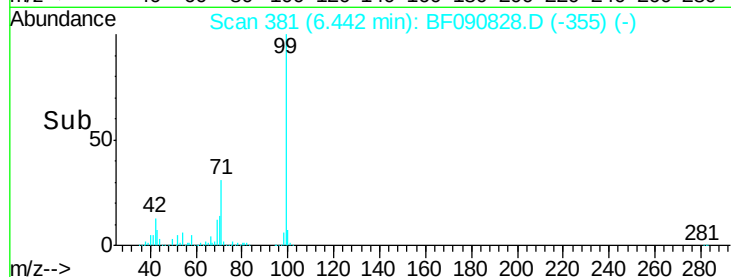
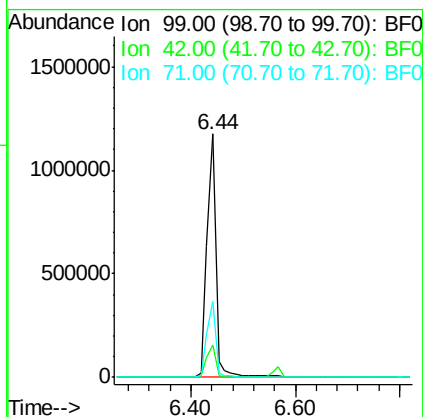
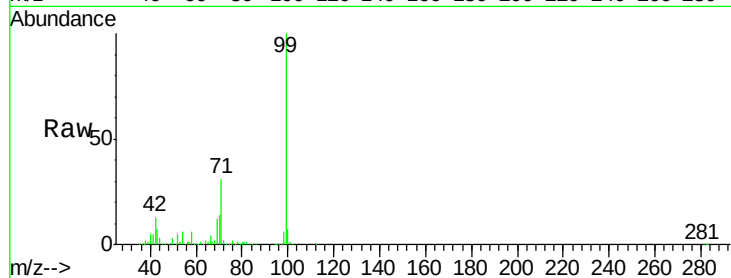
Tot Ion: 99 Resp: 1414858

Ion Ratio Lower Upper

99 100

42 13.2 13.7 20.5#

71 31.0 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: BF090828.D

Acq: 26 Oct 2016 00:43

Tgt Ion: 136 Resp: 749204

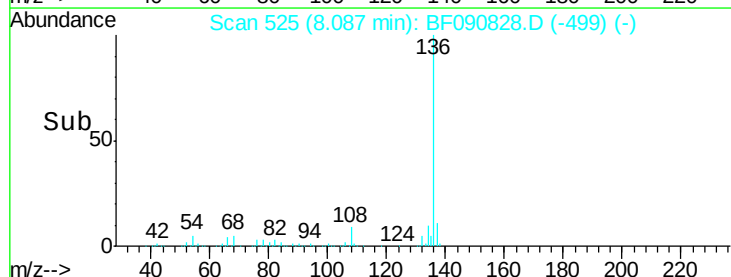
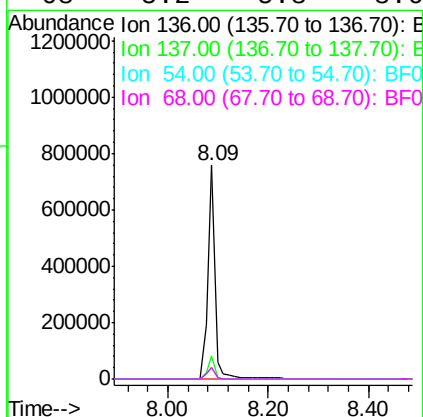
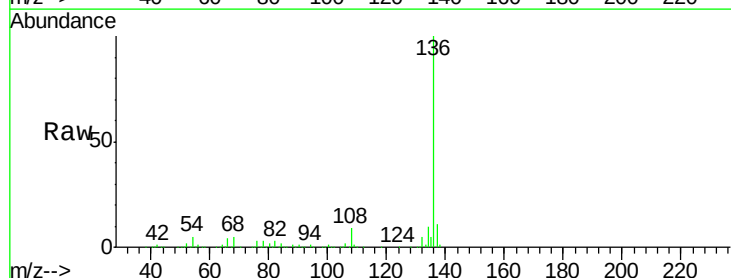
Ion Ratio Lower Upper

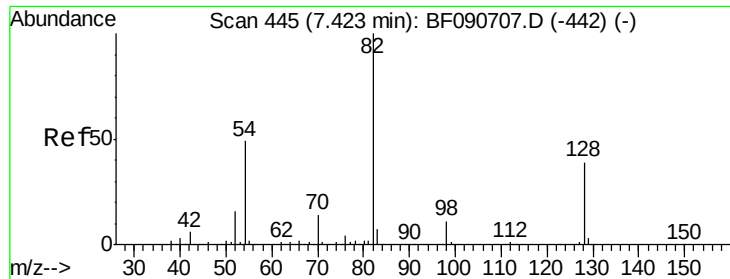
136 100

137 11.0 9.0 13.6

54 5.2 8.2 12.2#

68 5.2 5.8 8.6#





#23

Nitrobenzene-d5

Concen: 54.04 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.00 min

Lab File: BF090828.D

Acq: 26 Oct 2016 00:43

Instrument :

BNA_F

ClientSampleId :

P4-S1

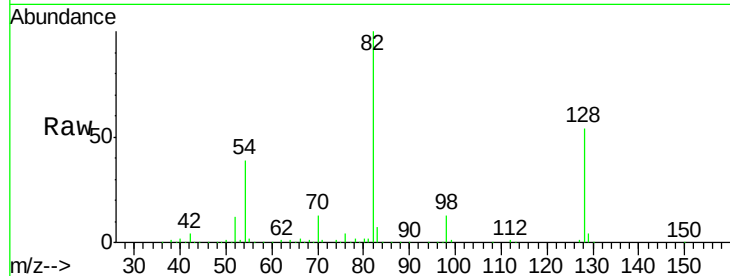
Tot Ion: 82 Resp: 738220

Ion Ratio Lower Upper

82 100

128 54.2 51.0 76.6

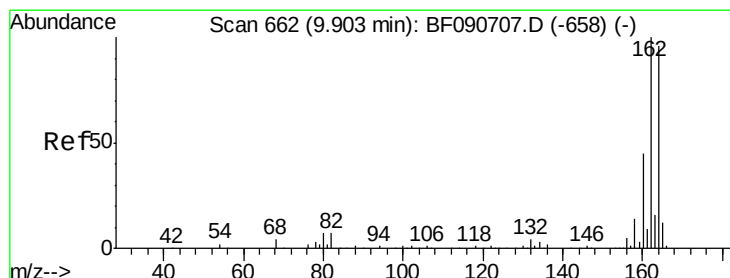
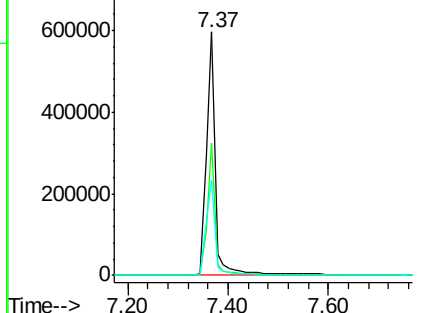
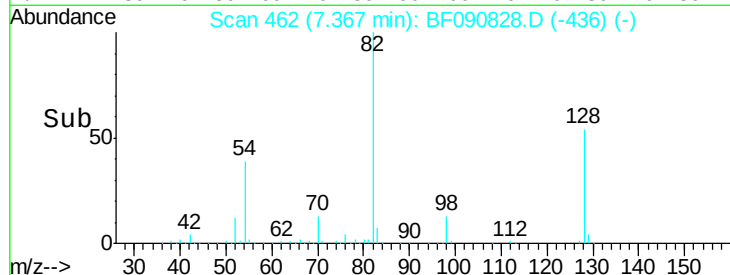
54 39.1 47.5 71.3#



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: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF090828.D

Acq: 26 Oct 2016 00:43

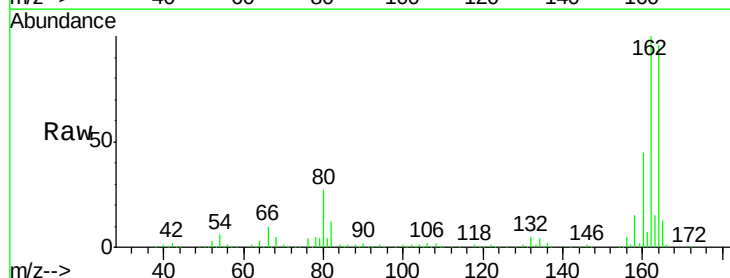
Tgt Ion:164 Resp: 373229

Ion Ratio Lower Upper

164 100

162 104.4 75.2 112.8

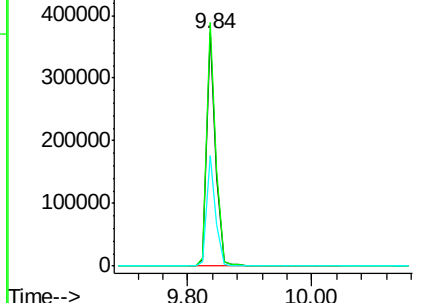
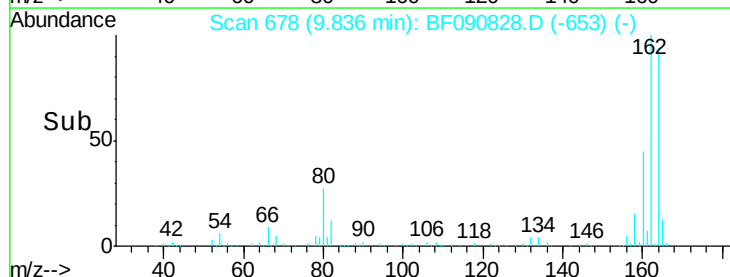
160 47.1 31.5 47.3

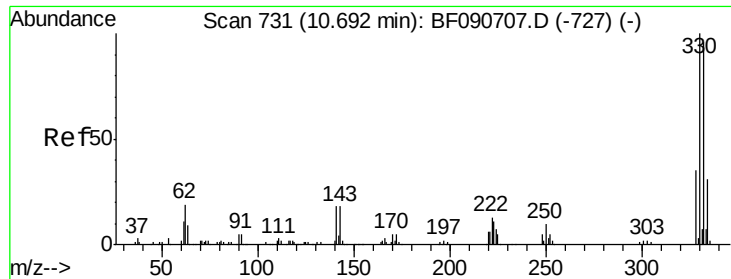


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

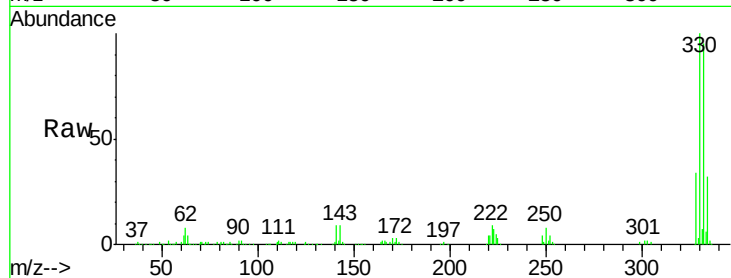




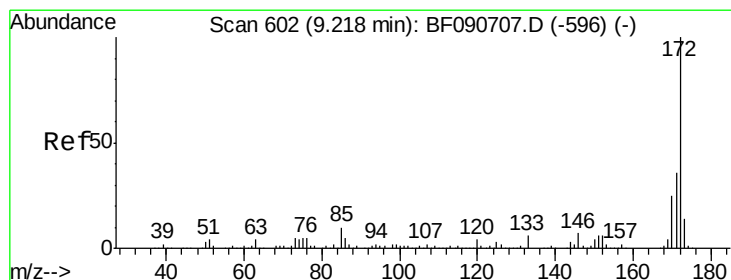
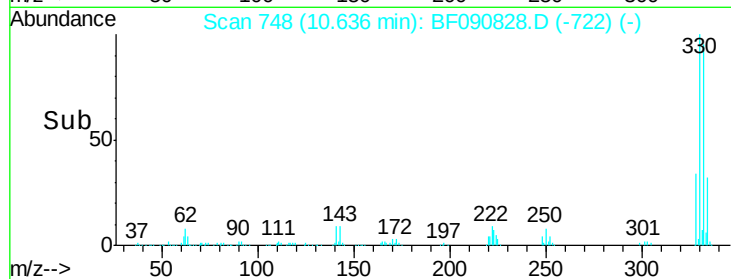
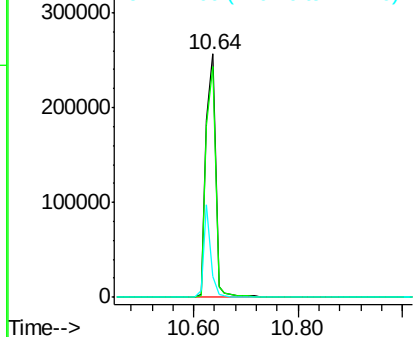
#41
 2,4,6-Tribromophenol
 Concen: 111.34 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF090828.D
 Acq: 26 Oct 2016 00:43

Instrument :
 BNA_F
 ClientSampleId :
 P4-S1

Tot Ion:330 Resp: 328917
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 114.8
 141 28.2 29.7 44.5#

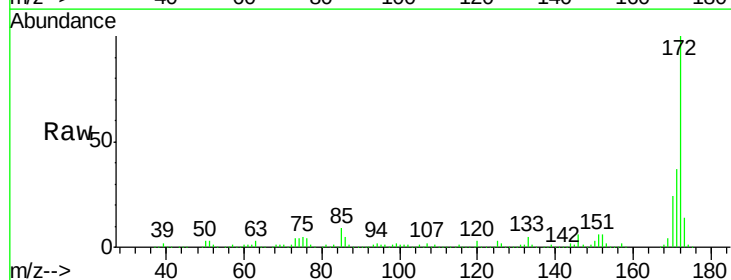


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

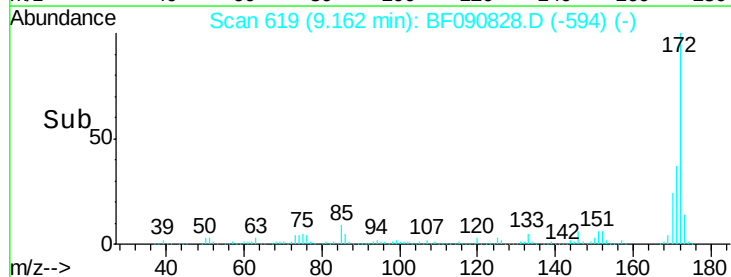
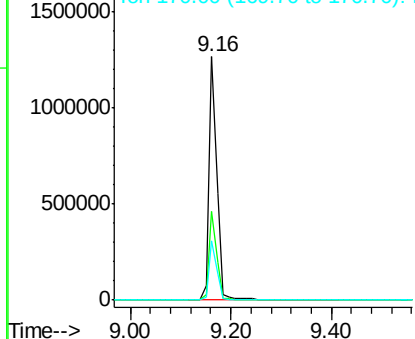


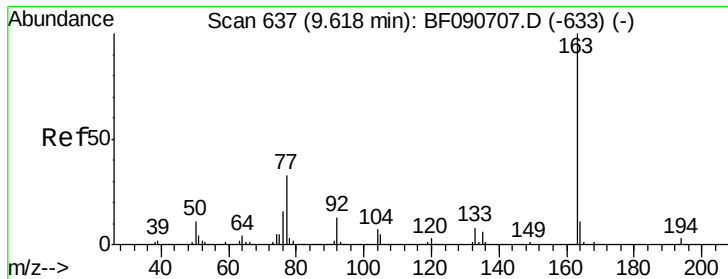
#44
 2-Fluorobiphenyl
 Concen: 57.61 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.01 min
 Lab File: BF090828.D
 Acq: 26 Oct 2016 00:43

Tgt Ion:172 Resp: 1385080
 Ion Ratio Lower Upper
 172 100
 171 36.5 26.1 39.1
 170 24.4 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: 19.18 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF090828.D

Acq: 26 Oct 2016 00:43

Instrument :

BNA_F

ClientSampleId :

P4-S1

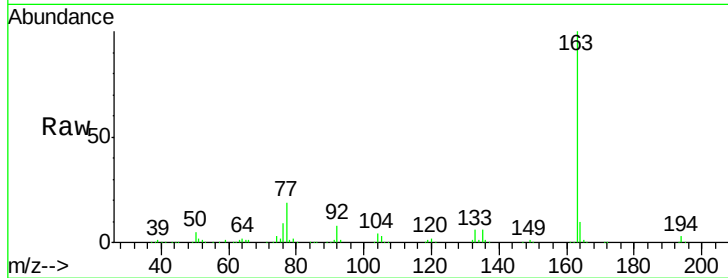
Tot Ion:163 Resp: 449818

Ion Ratio Lower Upper

163 100

194 3.4 4.4 6.6#

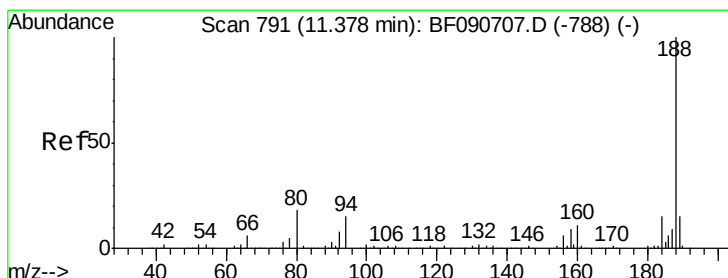
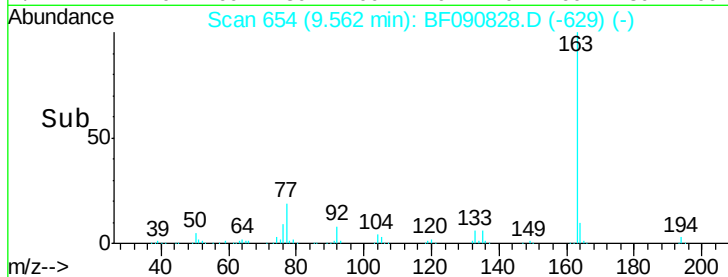
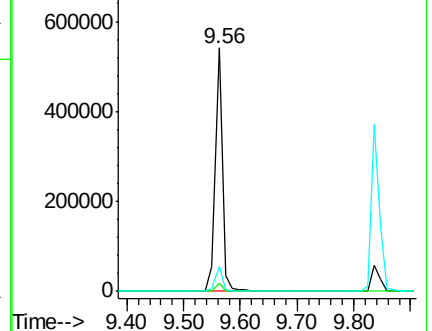
164 10.2 8.3 12.5



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: 11.32 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF090828.D

Acq: 26 Oct 2016 00:43

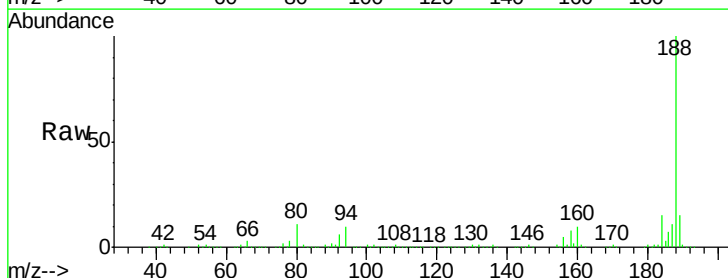
Tgt Ion:188 Resp: 561754

Ion Ratio Lower Upper

188 100

94 10.5 11.1 16.7#

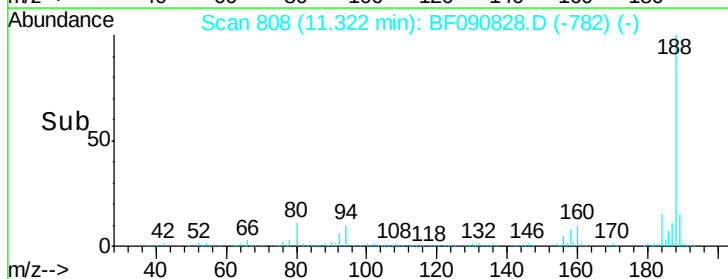
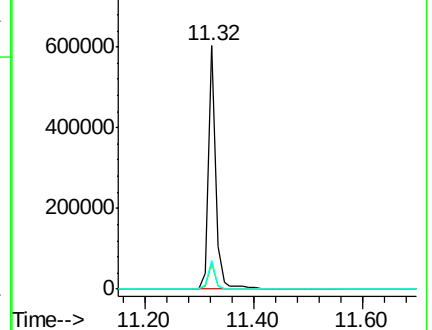
80 11.5 11.0 16.4

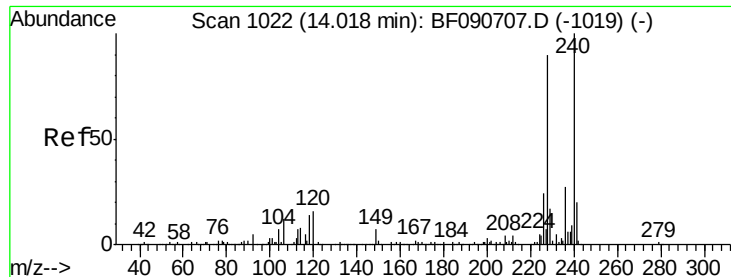


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.96 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF090828.D

Acq: 26 Oct 2016 00:43

Instrument :

BNA_F

ClientSampleId :

P4-S1

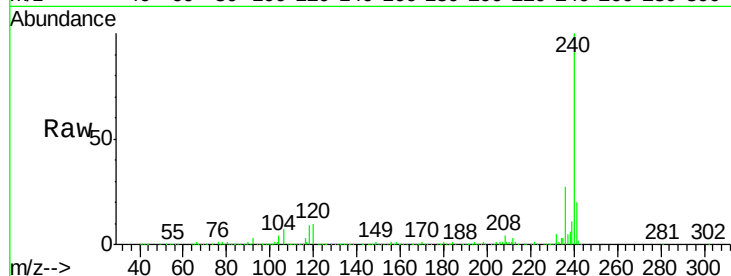
Tot Ion:240 Resp: 365238

Ion Ratio Lower Upper

240 100

120 10.2 16.2 24.2#

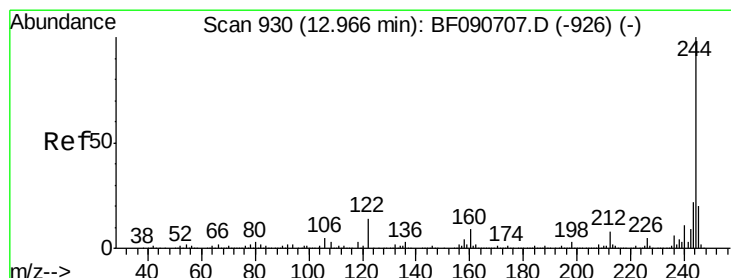
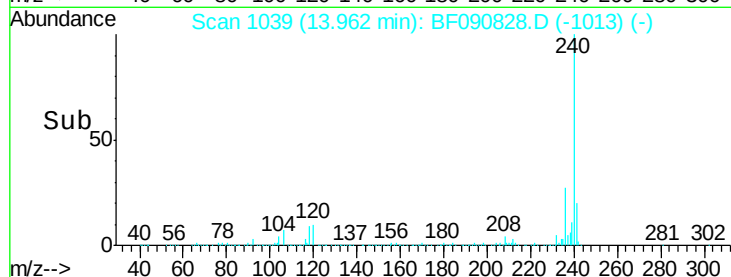
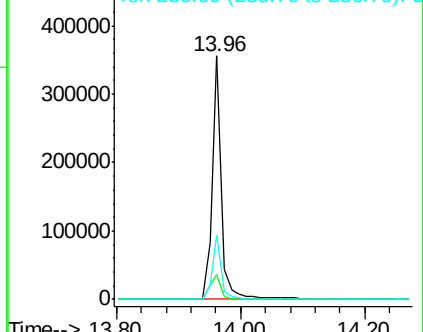
236 26.6 18.4 27.6



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: 70.36 ng

RT: 12.91 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF090828.D

Acq: 26 Oct 2016 00:43

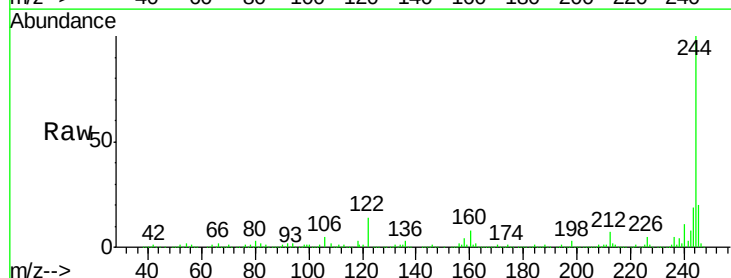
Tgt Ion:244 Resp: 1121213

Ion Ratio Lower Upper

244 100

212 7.5 4.3 6.5#

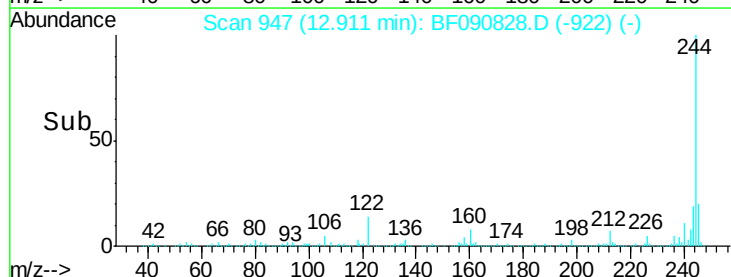
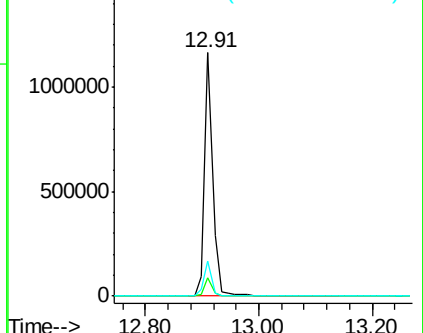
122 14.4 17.4 26.2#

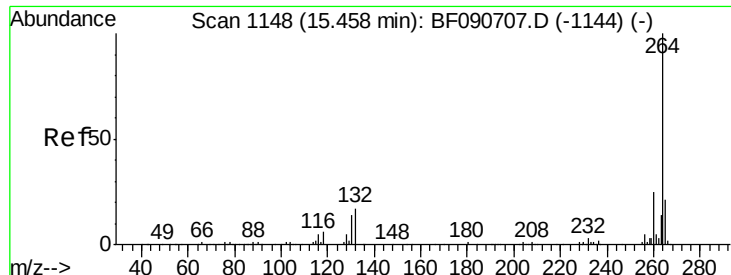


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



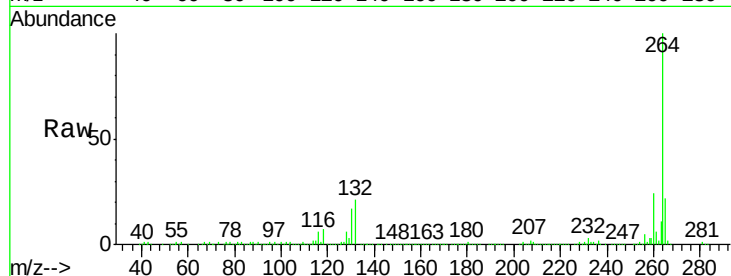


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF090828.D
Acq: 26 Oct 2016 00:43

Instrument :
BNA_F
ClientSampleId :
P4-S1

Tot Ion: 264 Resp: 332015

Ion	Ratio	Lower	Upper
264	100		
260	24.3	16.7	25.1
265	21.9	17.2	25.8



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

