

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102616\
 Data File : BF090858.D
 Acq On : 26 Oct 2016 23:32
 Operator : UM/SJ
 Sample : H5403-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C0AA3

Quant Time: Oct 27 02:30:57 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 16:35:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	167855	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	663217	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	368979	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	659130	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	525328	20.00	ng	-0.01
86) Perylene-d12	15.36	264	357243	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1200318	125.03	ng	0.00
7) Phenol-d6	6.43	99	1628311	125.72	ng	-0.01
23) Nitrobenzene-d5	7.36	82	1274209	125.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	602280	158.83	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	1986593	94.54	ng	-0.02
78) Terphenyl-d14	12.90	244	2430951	116.58	ng	-0.02

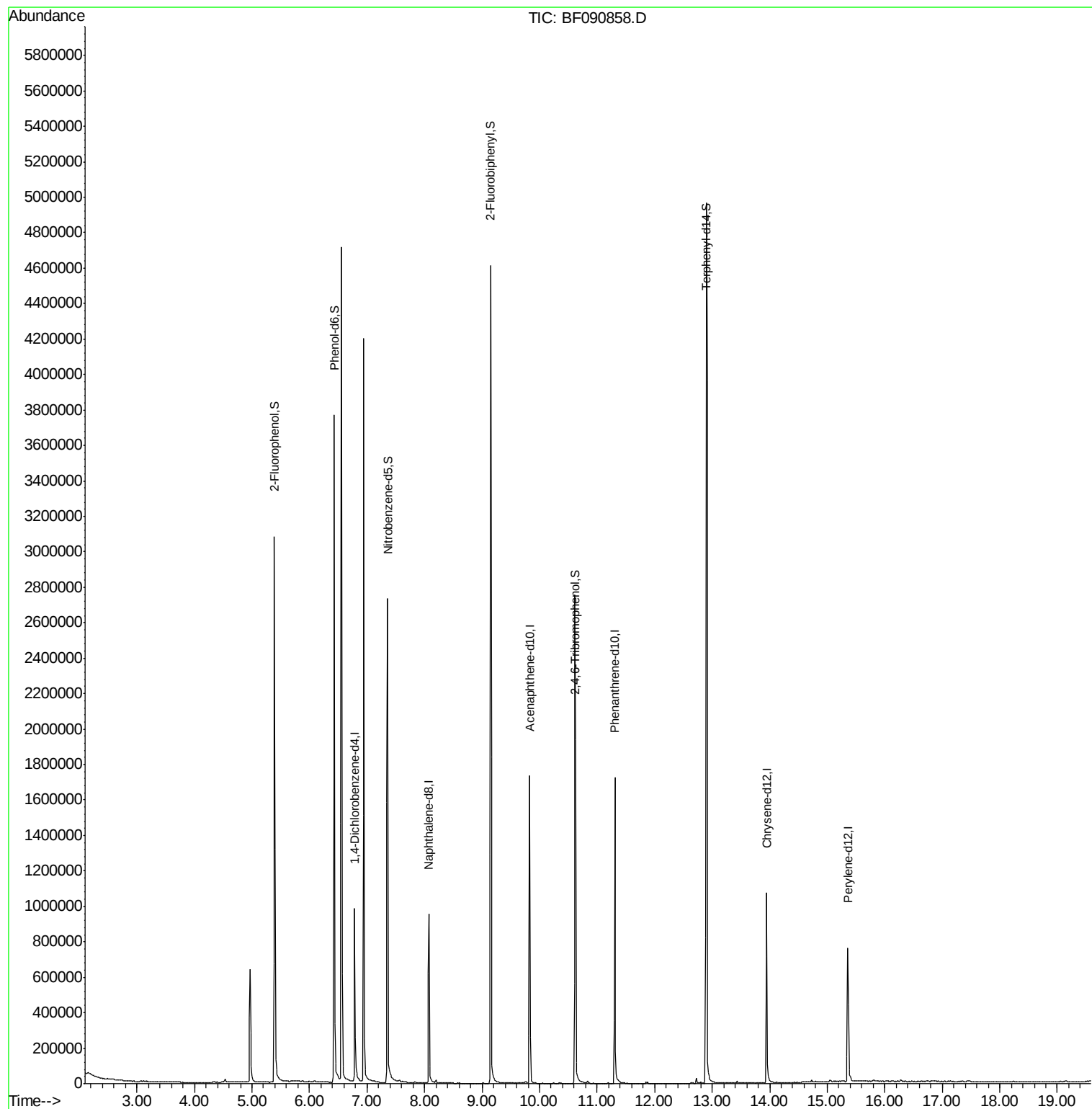
Target Compounds Qvalue

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

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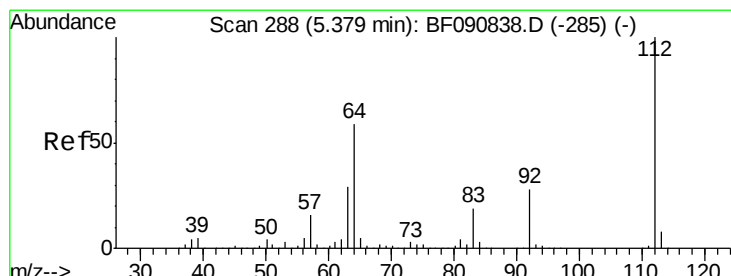
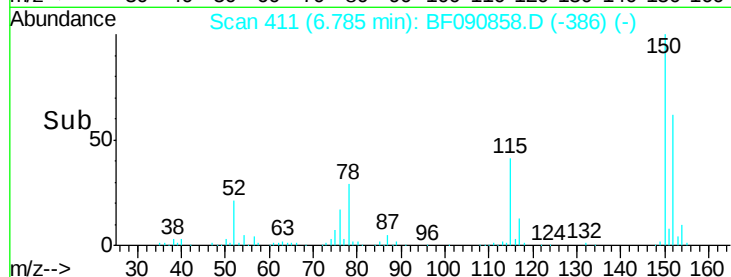
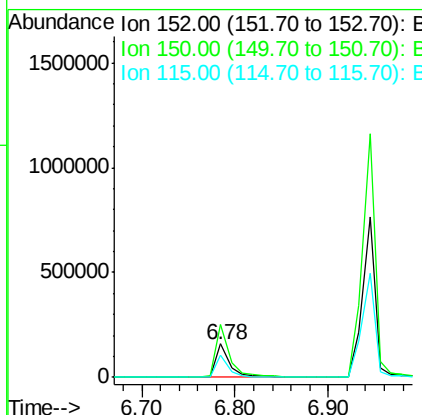
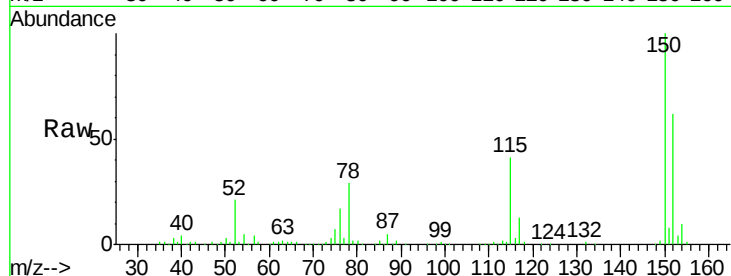


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.01 min
Lab File: BF090858.D
Acq: 26 Oct 2016 23:32

Instrument :
BNA_F
ClientSampleId :
C0AA3

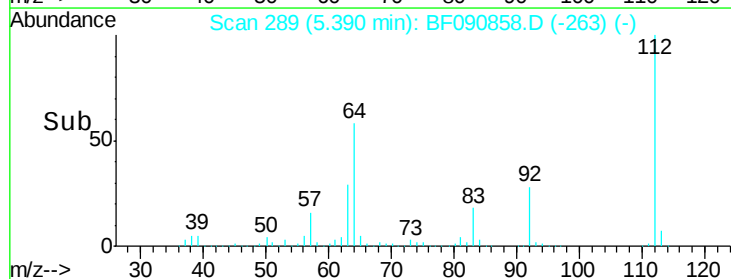
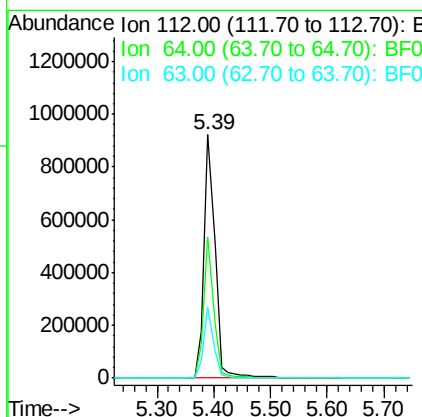
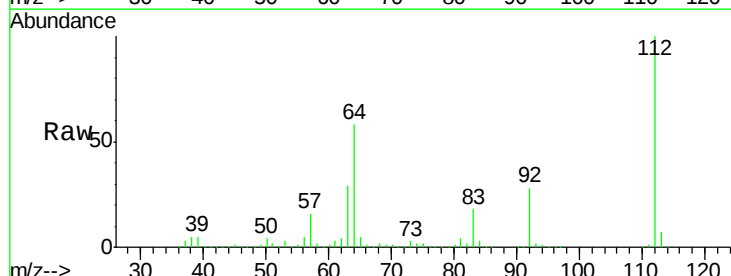
Tot Ion:152 Resp: 167855
Ion Ratio Lower Upper
152 100
150 160.4 124.7 187.1
115 65.8 39.0 58.4#



#5

2-Fluorophenol
Concen: 125.03 ng
RT: 5.39 min Scan# 289
Delta R.T. 0.00 min
Lab File: BF090858.D
Acq: 26 Oct 2016 23:32

Tgt Ion:112 Resp: 1200318
Ion Ratio Lower Upper
112 100
64 57.9 39.7 59.5
63 29.3 17.4 26.0#





#7

Phenol-d6

Concen: 125.72 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF090858.D

Acq: 26 Oct 2016 23:32

Instrument :

BNA_F

ClientSampleId :

C0AA3

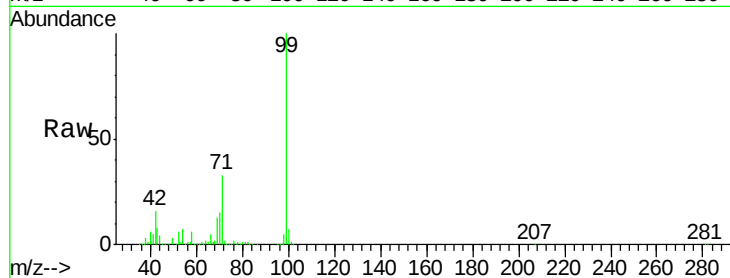
Tot Ion: 99 Resp: 1628311

Ion Ratio Lower Upper

99 100

42 15.5 13.7 20.5

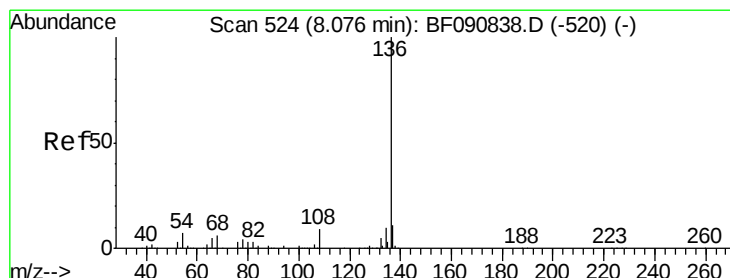
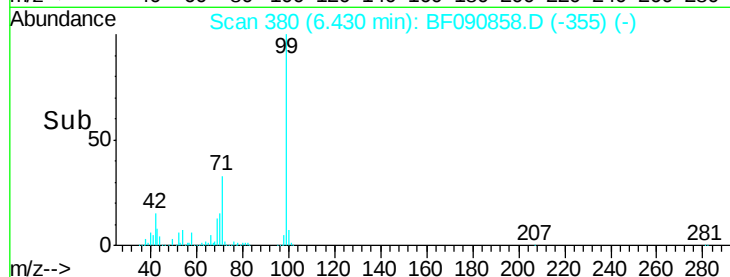
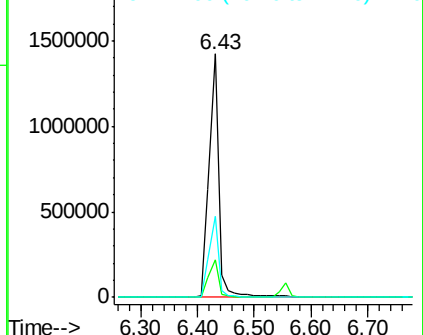
71 33.3 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF090858.D

Acq: 26 Oct 2016 23:32

Tgt Ion: 136 Resp: 663217

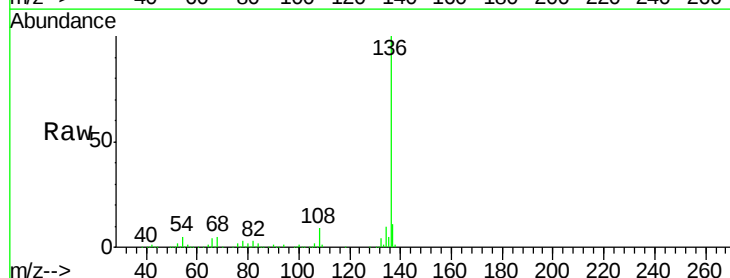
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 4.8 8.2 12.2#

68 4.9 5.8 8.6#

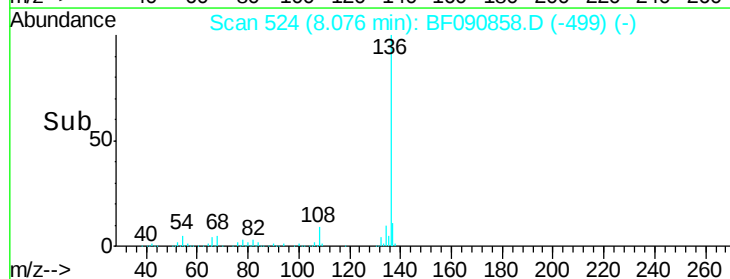
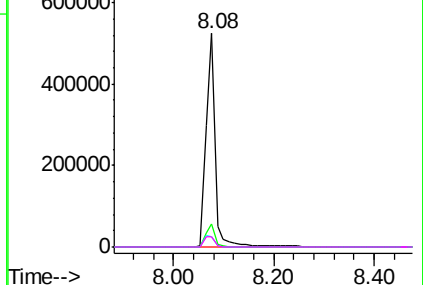


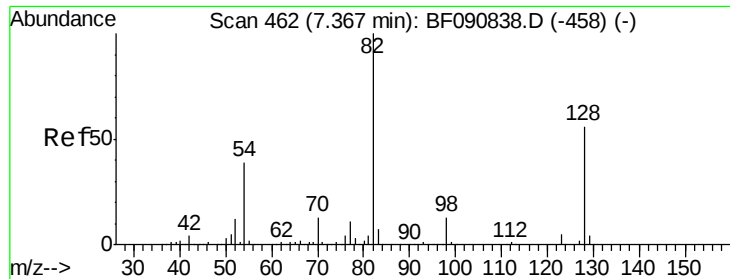
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 125.77 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF090858.D

Acq: 26 Oct 2016 23:32

Instrument :

BNA_F

ClientSampleId :

C0AA3

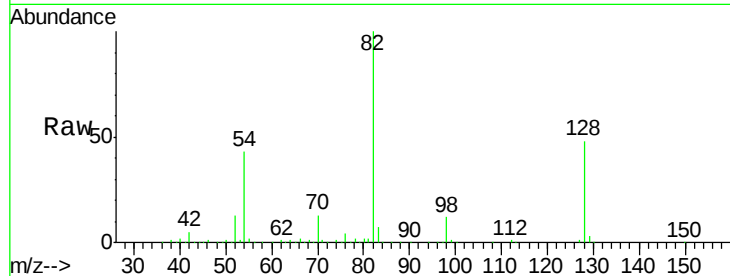
Tot Ion: 82 Resp: 1274209

Ion Ratio Lower Upper

82 100

128 48.1 51.0 76.6#

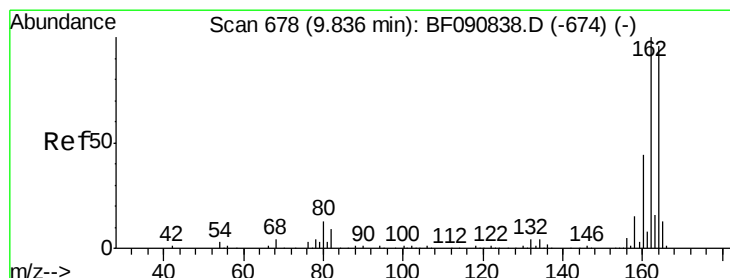
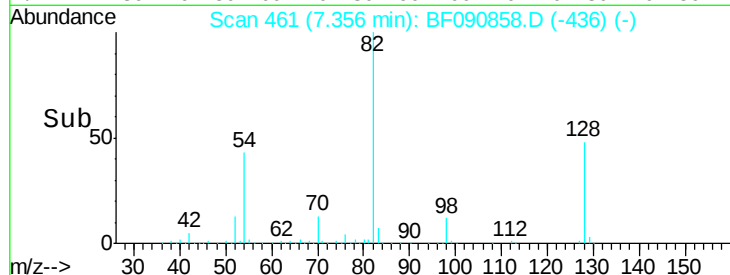
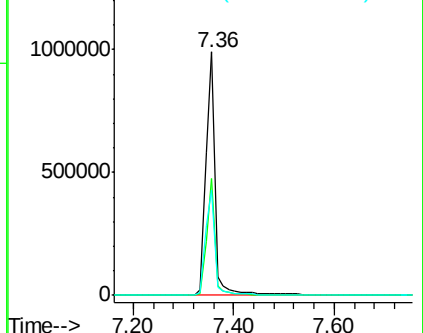
54 43.2 47.5 71.3#



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: 9.82 min Scan# 677

Delta R.T. -0.02 min

Lab File: BF090858.D

Acq: 26 Oct 2016 23:32

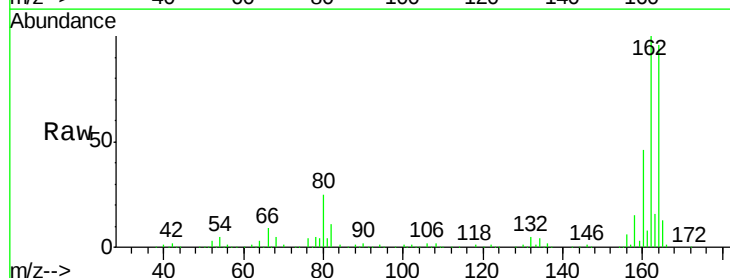
Tgt Ion:164 Resp: 368979

Ion Ratio Lower Upper

164 100

162 104.2 75.2 112.8

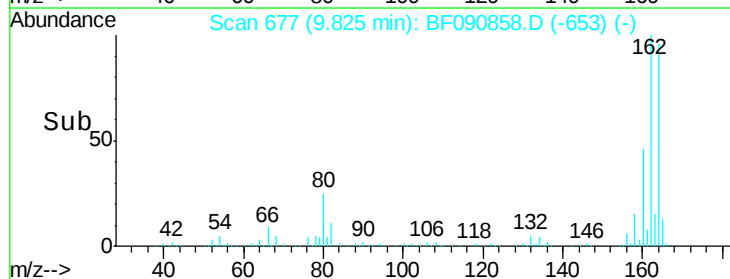
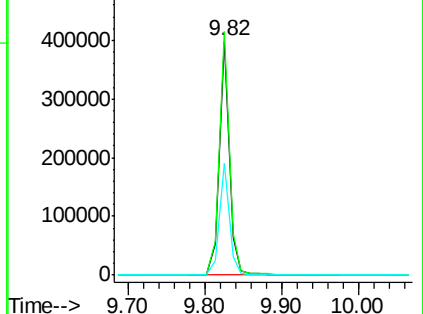
160 47.6 31.5 47.3#

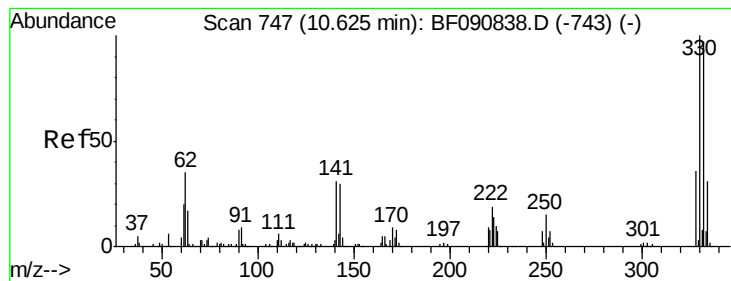


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 158.83 ng

RT: 10.62 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF090858.D

Acq: 26 Oct 2016 23:32

Instrument :

BNA_F

ClientSampleId :

C0AA3

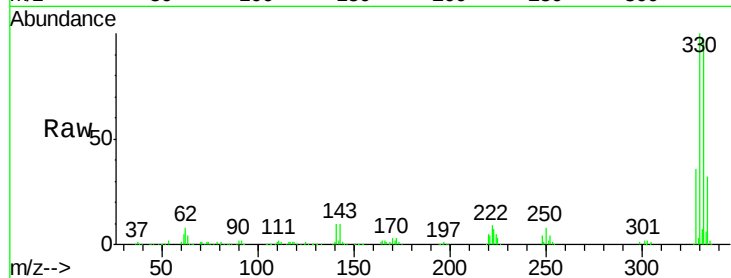
Tot Ion:330 Resp: 602280

Ion Ratio Lower Upper

330 100

332 96.0 76.6 114.8

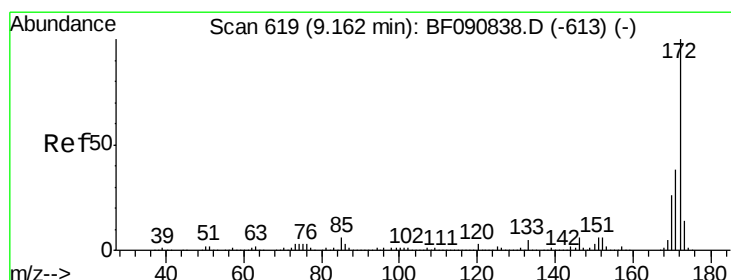
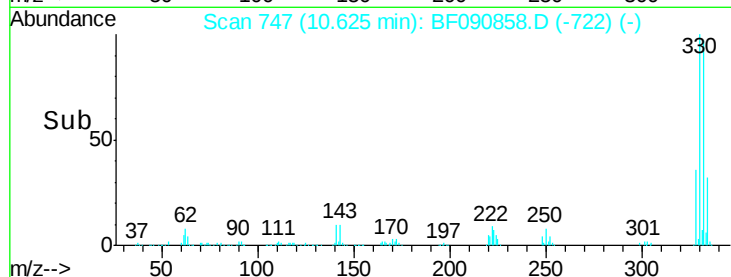
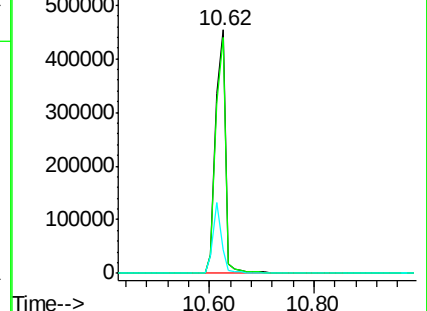
141 25.8 29.7 44.5#



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: 94.54 ng

RT: 9.15 min Scan# 618

Delta R.T. -0.02 min

Lab File: BF090858.D

Acq: 26 Oct 2016 23:32

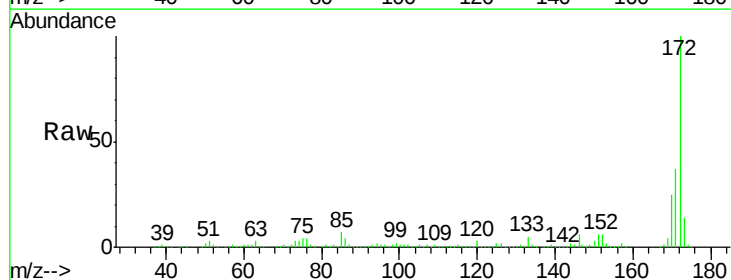
Tgt Ion:172 Resp: 1986593

Ion Ratio Lower Upper

172 100

171 37.0 26.1 39.1

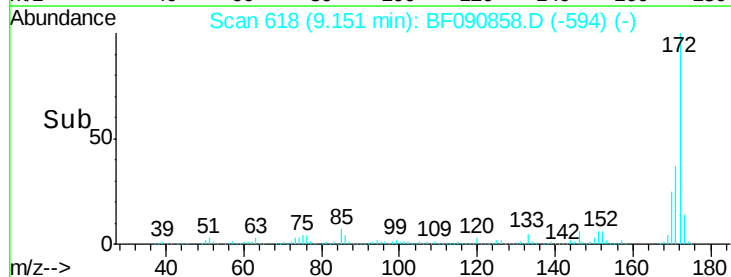
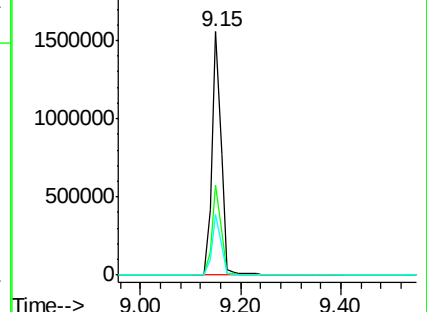
170 25.1 17.4 26.2

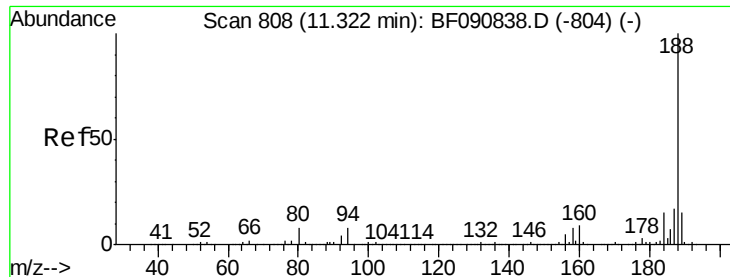


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

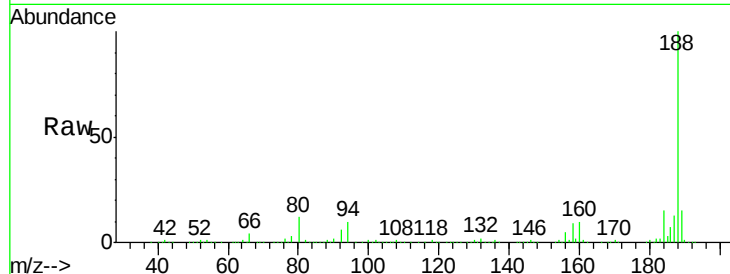




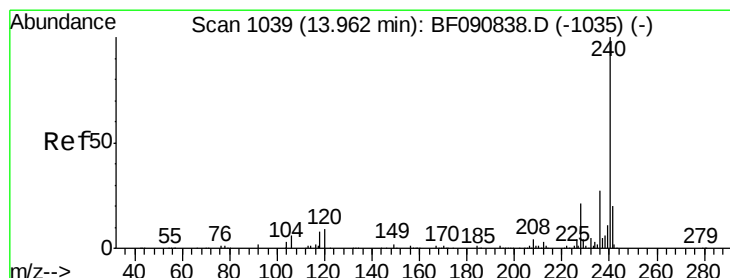
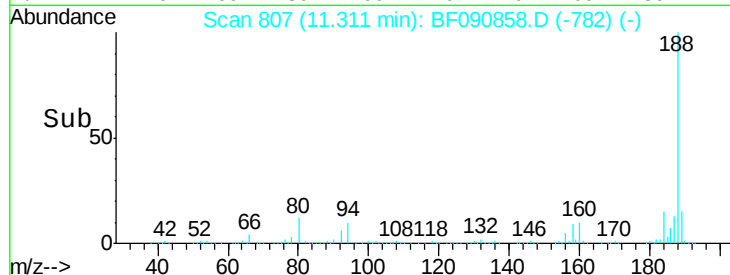
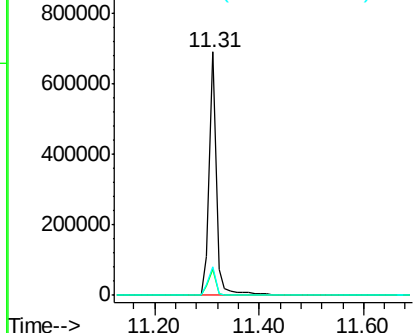
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF090858.D
Acq: 26 Oct 2016 23:32

Instrument :
BNA_F
ClientSampleId :
C0AA3

Tot Ion:188 Resp: 659130
Ion Ratio Lower Upper
188 100
94 10.5 11.1 16.7#
80 11.7 11.0 16.4

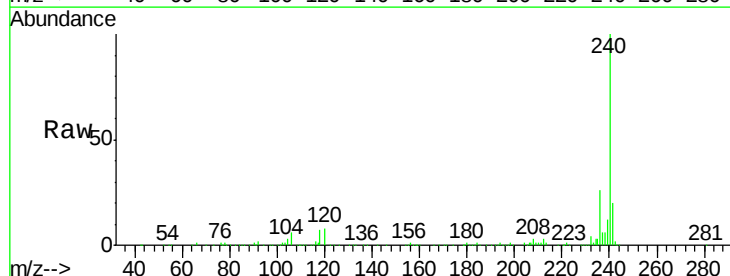


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

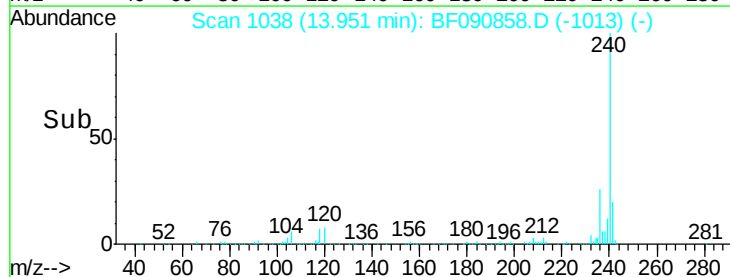
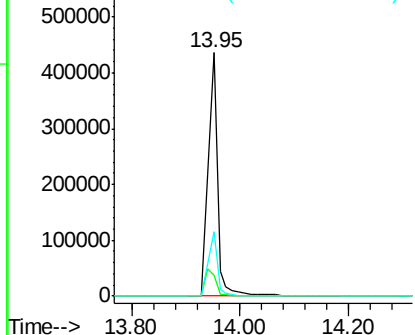


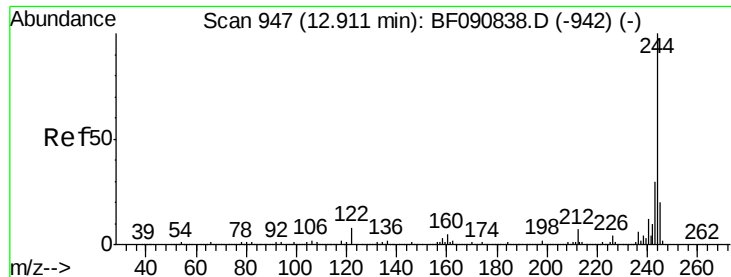
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF090858.D
Acq: 26 Oct 2016 23:32

Tgt Ion:240 Resp: 525328
Ion Ratio Lower Upper
240 100
120 8.4 16.2 24.2#
236 26.3 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: 116.58 ng

RT: 12.90 min Scan# 946

Delta R.T. -0.02 min

Lab File: BF090858.D

Acq: 26 Oct 2016 23:32

Instrument :

BNA_F

ClientSampleId :

C0AA3

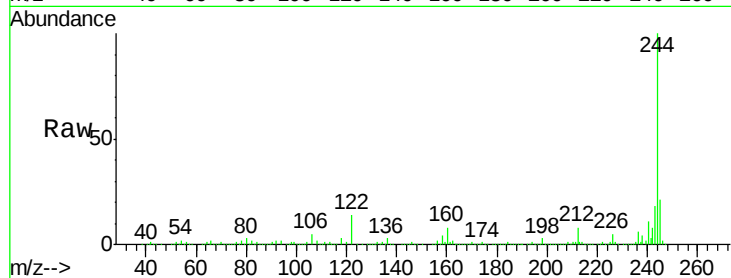
Tot Ion:244 Resp: 2430951

Ion Ratio Lower Upper

244 100

212 7.6 4.3 6.5#

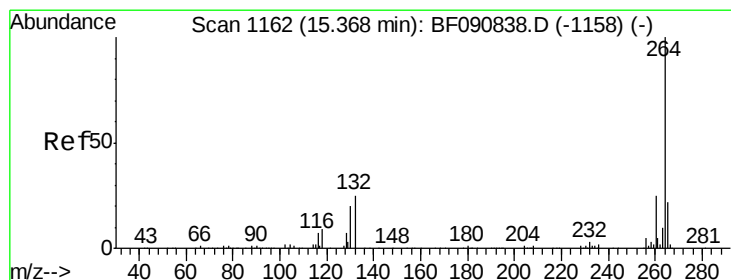
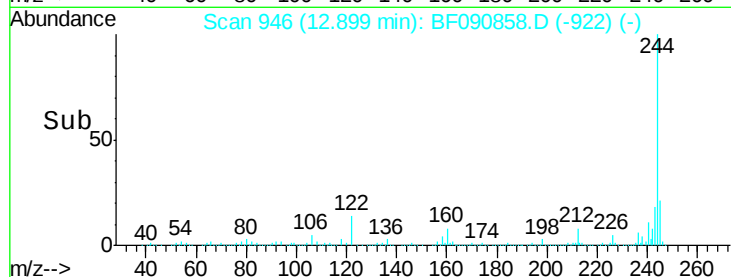
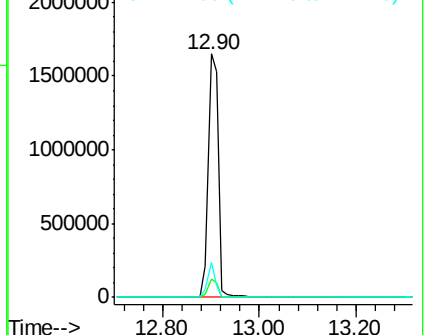
122 14.2 17.4 26.2#



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

Perylene-d12

Concen: 20.00 ng

RT: 15.36 min Scan# 1161

Delta R.T. -0.02 min

Lab File: BF090858.D

Acq: 26 Oct 2016 23:32

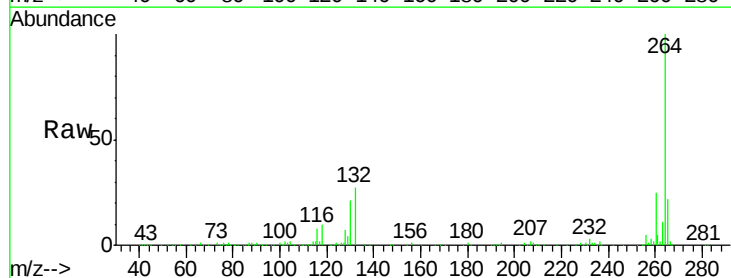
Tgt Ion:264 Resp: 357243

Ion Ratio Lower Upper

264 100

260 25.4 16.7 25.1#

265 22.2 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

