

Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
 Data File : BF097901.D
 Acq On : 21 Aug 2017 12:45
 Operator : SJ/JU
 Sample : I4869-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-TP-106-B(0-5)COMP

Quant Time: Aug 22 10:44:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

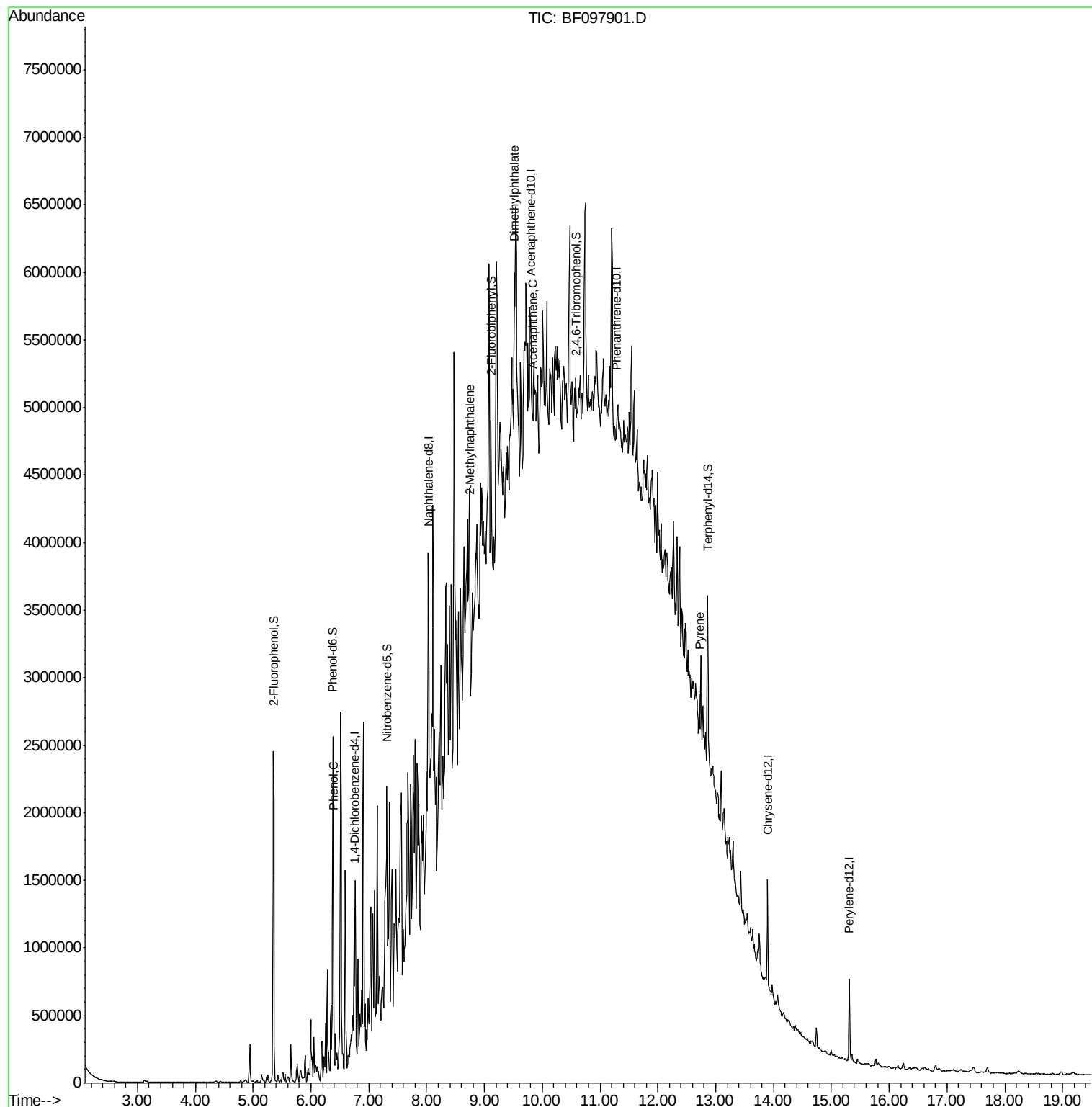
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	122885	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	392042	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	125577	20.00	ng	0.02
63) Phenanthrene-d10	11.29	188	211903	20.00	ng	0.03
75) Chrysene-d12	13.90	240	261503	20.00	ng	0.00
86) Perylene-d12	15.31	264	264851	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	712268	88.16	ng	0.00
7) Phenol-d6	6.38	99	967785	88.17	ng	0.00
23) Nitrobenzene-d5	7.31	82	609691	84.48	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	121427	111.44	ng	0.02
44) 2-Fluorobiphenyl	9.12	172	609204	71.27	ng	0.00
78) Terphenyl-d14	12.86	244	435712	34.75	ng	0.01
Target Compounds						
10) Phenol	6.39	94	29060	2.264	ng	93
37) 2-Methylnaphthalene	8.75	142	30468	2.442	ng	# 69
49) Dimethylphthalate	9.51	163	102065	11.119	ng	# 65
51) Acenaphthene	9.83	154	26833	3.202	ng	# 77
77) Pyrene	12.72	202	84955	3.972	ng	# 88

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

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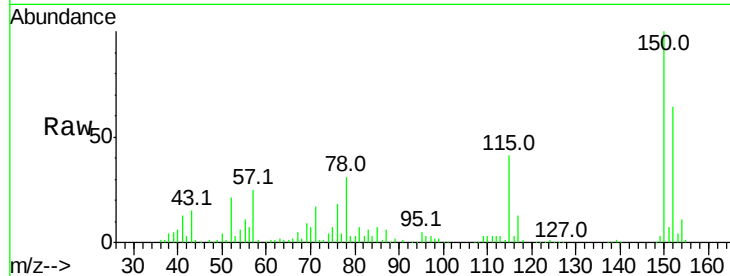


#1

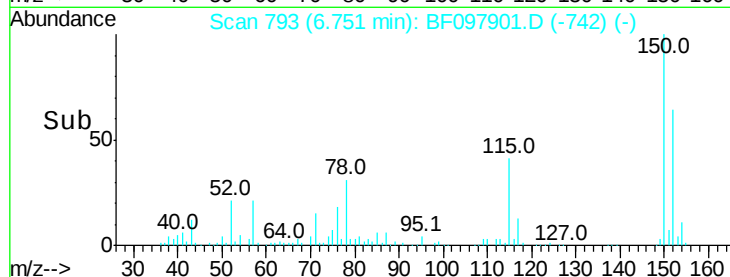
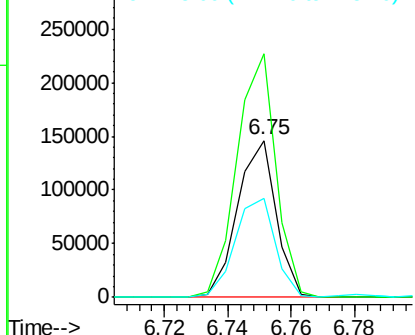
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF097901.D
Acq: 21 Aug 2017 12:45

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-106-B(0-5)COMP

Tot Ion:152 Resp: 122885
Ion Ratio Lower Upper
152 100
150 155.5 126.2 189.2
115 63.5 52.2 78.2



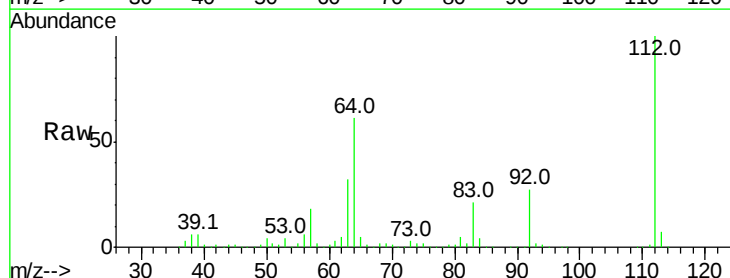
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



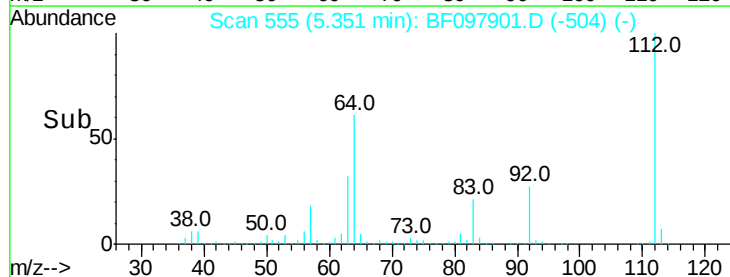
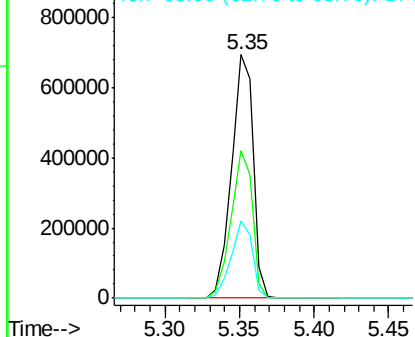
#5

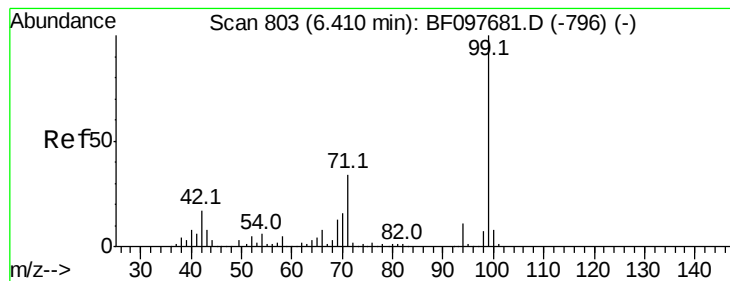
2-Fluorophenol
Concen: 88.165 ng
RT: 5.35 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF097901.D
Acq: 21 Aug 2017 12:45

Tgt Ion:112 Resp: 712268
Ion Ratio Lower Upper
112 100
64 60.8 46.0 69.0
63 31.7 23.4 35.0



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: 88.166 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097901.D

Acq: 21 Aug 2017 12:45

Instrument :

BNA_F

ClientSampleId :

SASP2P-TP-106-B(0-5)COMP

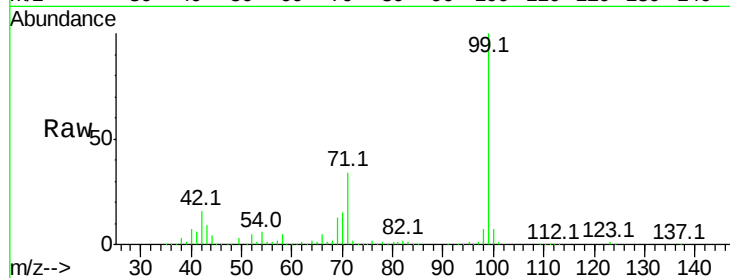
Tot Ion: 99 Resp: 967785

Ion Ratio Lower Upper

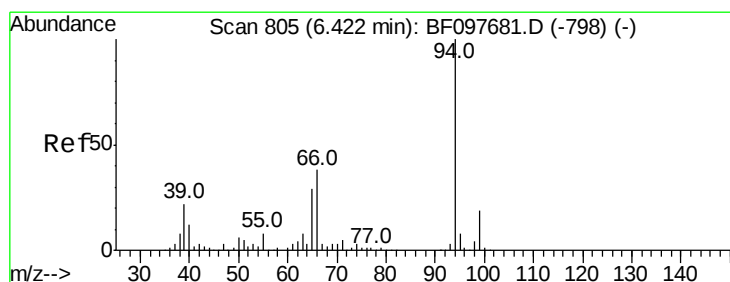
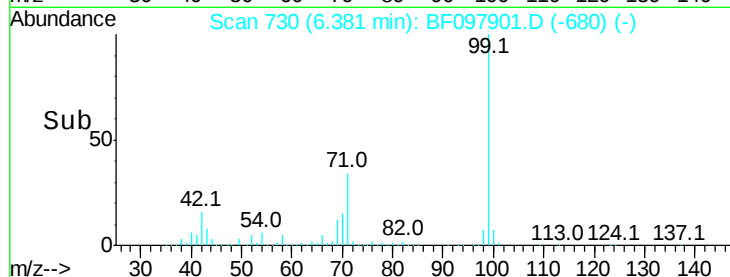
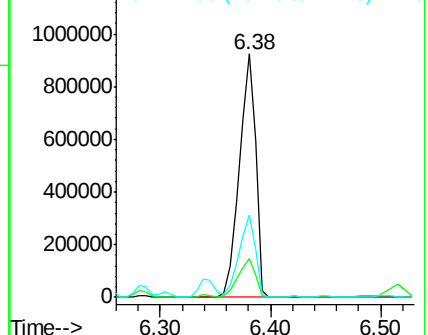
99 100

42 16.0 13.5 20.3

71 34.0 24.5 36.7



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



#10

Phenol

Concen: 2.264 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF097901.D

Acq: 21 Aug 2017 12:45

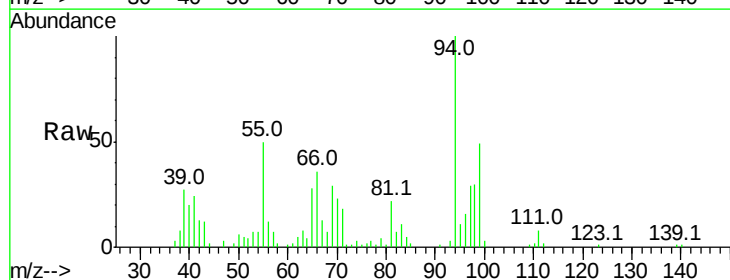
Tgt Ion: 94 Resp: 29060

Ion Ratio Lower Upper

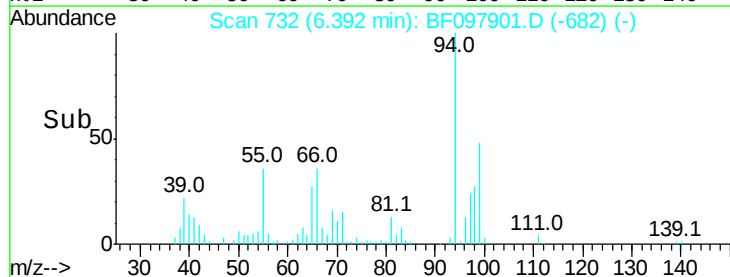
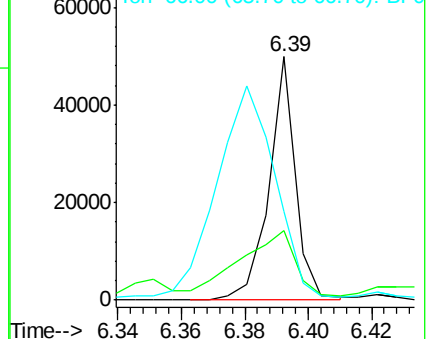
94 100

65 28.4 9.9 49.9

66 36.5 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.04 min Scan# 1012

Delta R.T. 0.01 min

Lab File: BF097901.D

Acq: 21 Aug 2017 12:45

Instrument :

BNA_F

ClientSampleId :

SASP2P-TP-106-B(0-5)COMP

Tot Ion:136 Resp: 392042

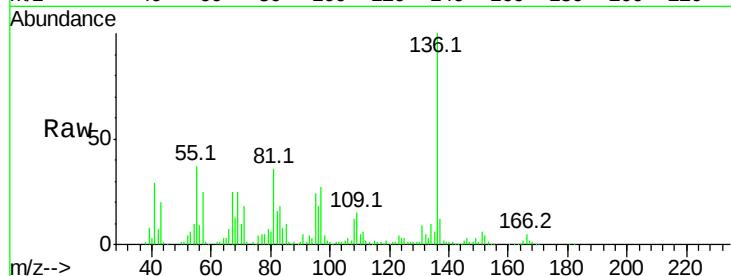
Ion Ratio Lower Upper

136 100

137 12.4 8.5 12.7

54 10.4 4.9 7.3#

68 13.0 4.1 6.1#

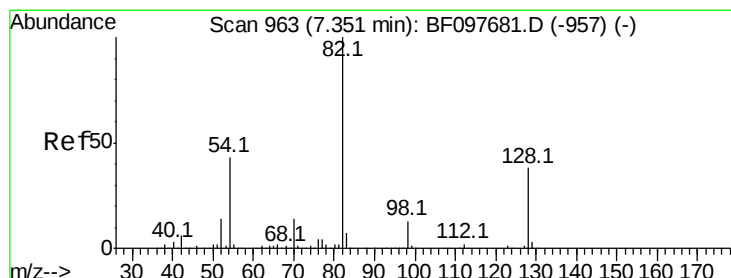
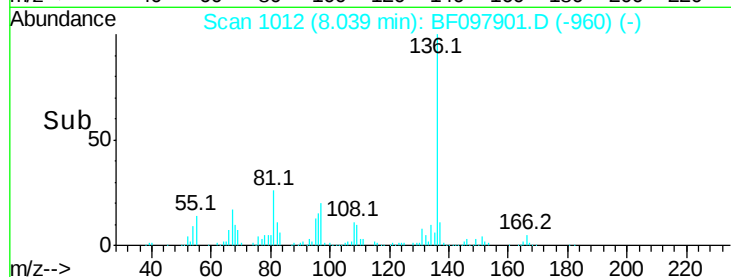
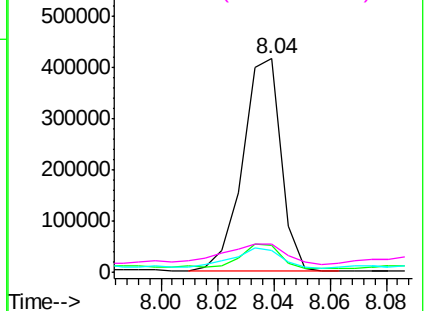


Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.484 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF097901.D

Acq: 21 Aug 2017 12:45

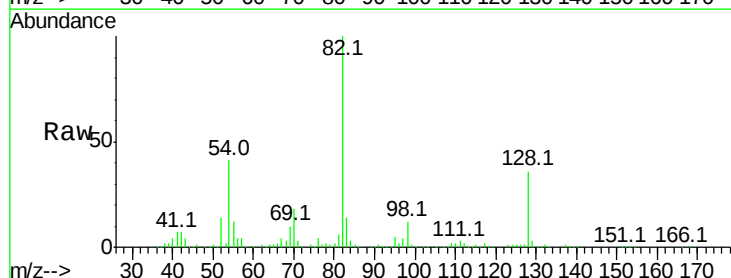
Tgt Ion: 82 Resp: 609691

Ion Ratio Lower Upper

82 100

128 36.4 34.0 51.0

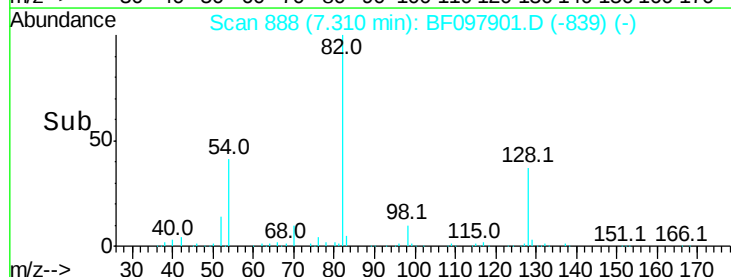
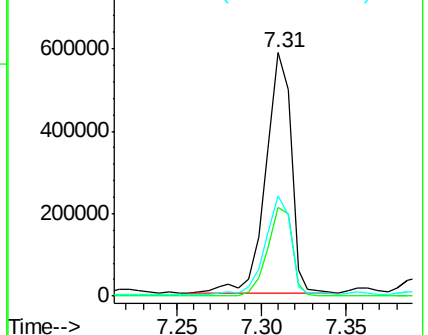
54 41.3 42.2 63.2#

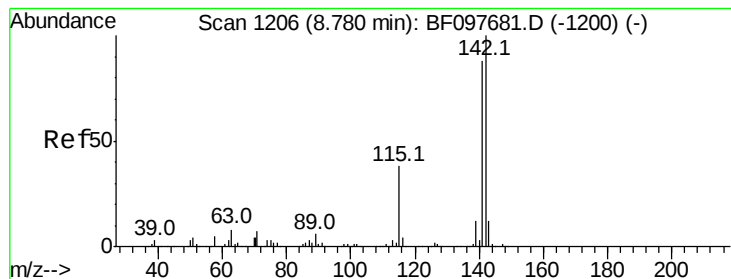


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#37

2-Methylnaphthalene

Concen: 2.442 ng

RT: 8.75 min Scan# 1133

Delta R.T. 0.01 min

Lab File: BF097901.D

Acq: 21 Aug 2017 12:45

Instrument :

BNA_F

ClientSampleId :

SASP2P-TP-106-B(0-5)COMP

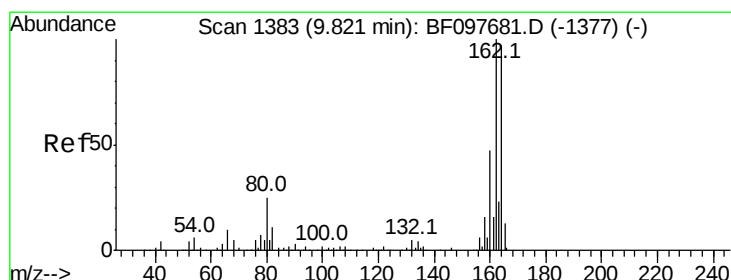
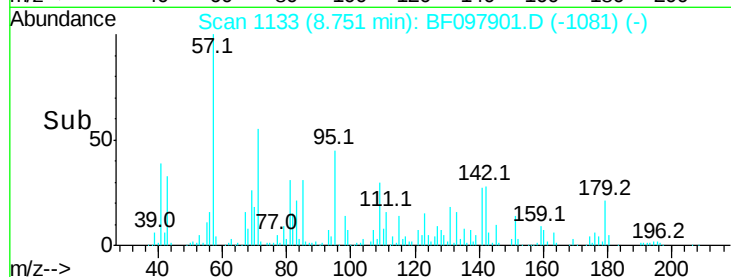
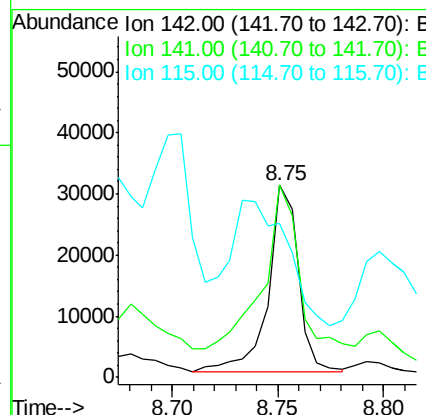
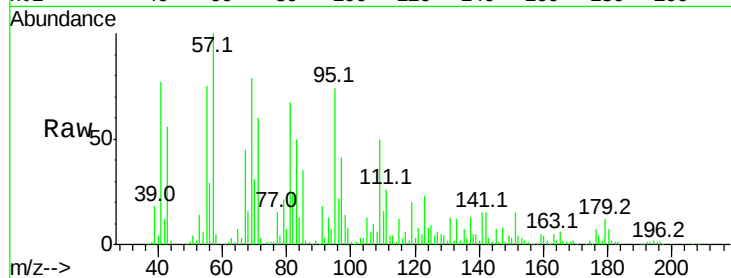
Tot Ion:142 Resp: 30468

Ion Ratio Lower Upper

142 100

141 100.6 71.3 106.9

115 80.3 27.1 40.7#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.02 min

Lab File: BF097901.D

Acq: 21 Aug 2017 12:45

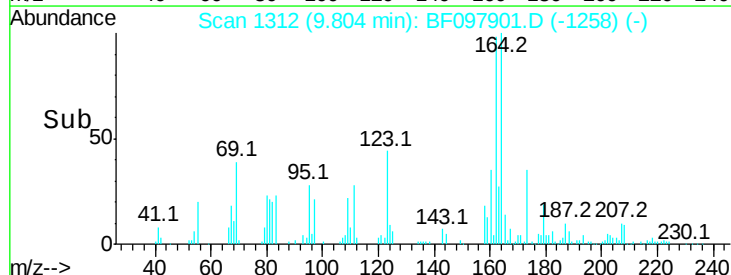
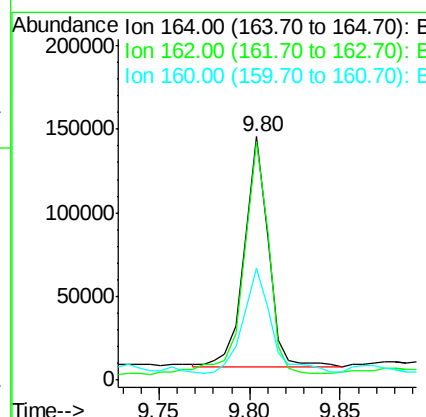
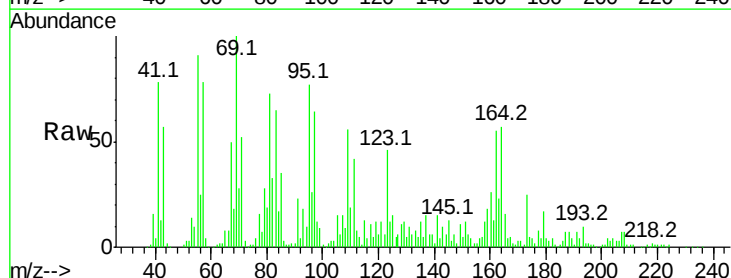
Tgt Ion:164 Resp: 125577

Ion Ratio Lower Upper

164 100

162 97.7 82.6 123.8

160 45.7 36.2 54.2

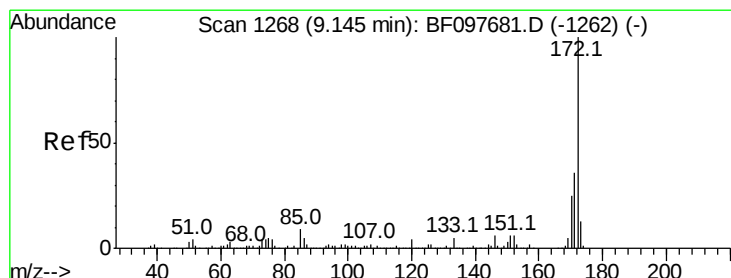
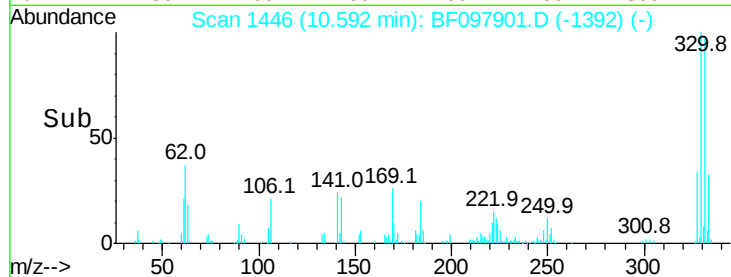
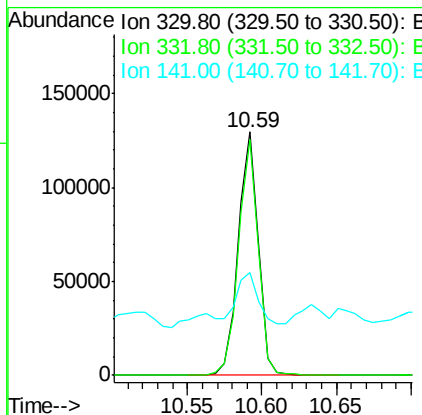
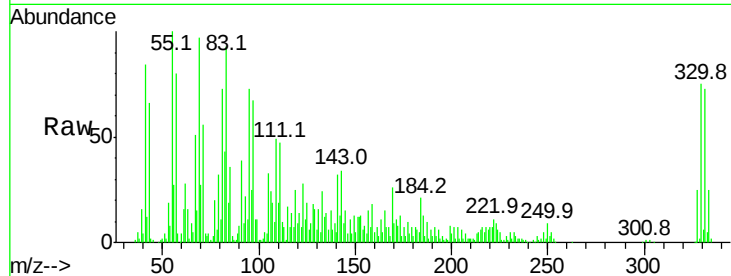




#41
 2,4,6-Tribromophenol
 Concen: 111.443 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. 0.02 min
 Lab File: BF097901.D
 Acq: 21 Aug 2017 12:45

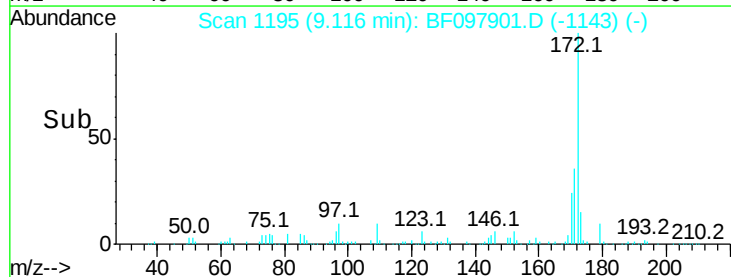
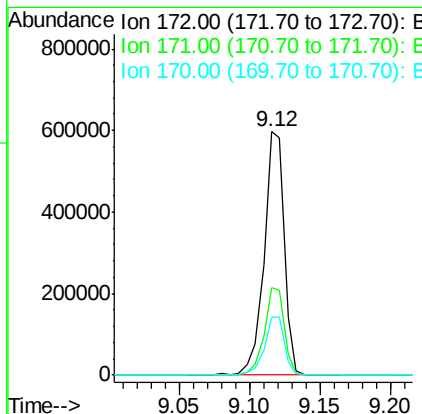
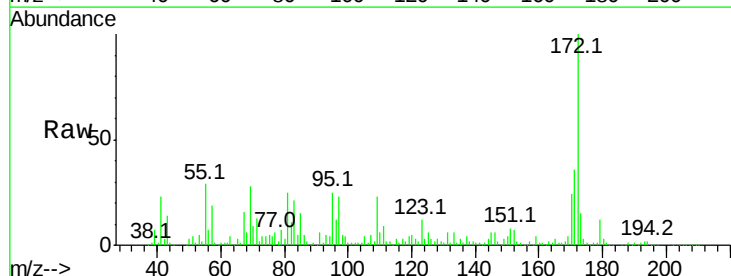
Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-TP-106-B(0-5)COMP

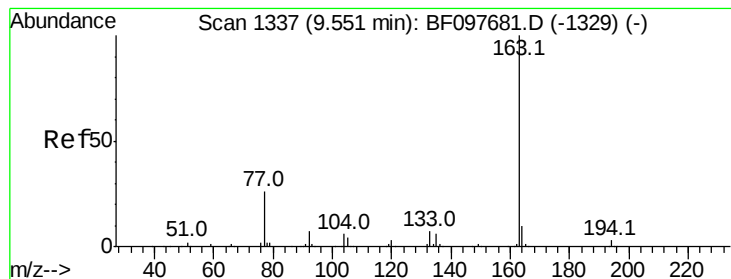
Tot Ion:330 Resp: 121427
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 115.0
 141 21.7 31.4 47.2#



#44
 2-Fluorobiphenyl
 Concen: 71.275 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BF097901.D
 Acq: 21 Aug 2017 12:45

Tgt Ion:172 Resp: 609204
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 23.8 19.8 29.8





#49

Dimethylphthalate

Concen: 11.119 ng

RT: 9.51 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BF097901.D

Acq: 21 Aug 2017 12:45

Instrument :

BNA_F

ClientSampleId :

SASP2P-TP-106-B(0-5)COMP

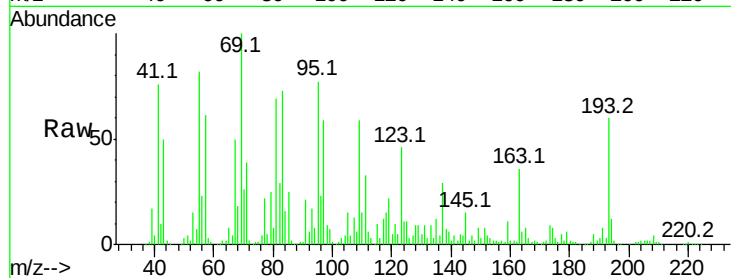
Tot Ion:163 Resp: 102065

Ion Ratio Lower Upper

163 100

194 33.4 2.6 4.0#

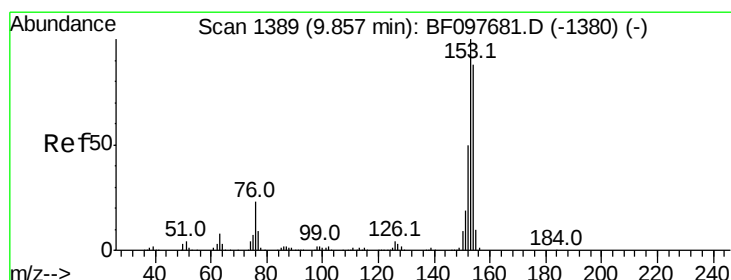
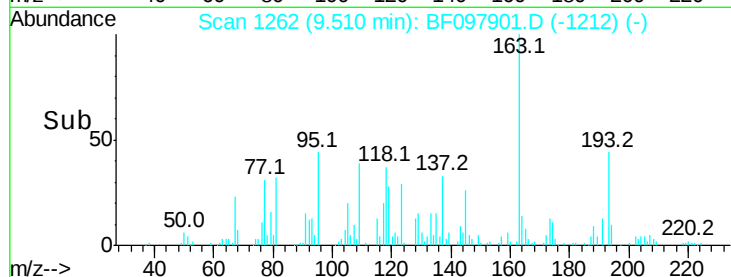
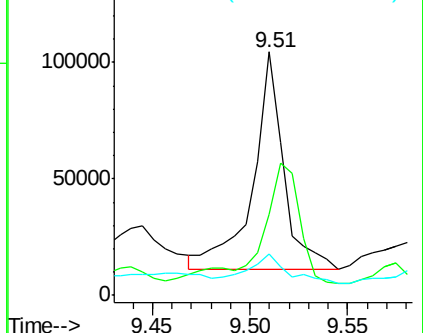
164 17.1 8.4 12.6#



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



#51

Acenaphthene

Concen: 3.202 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.01 min

Lab File: BF097901.D

Acq: 21 Aug 2017 12:45

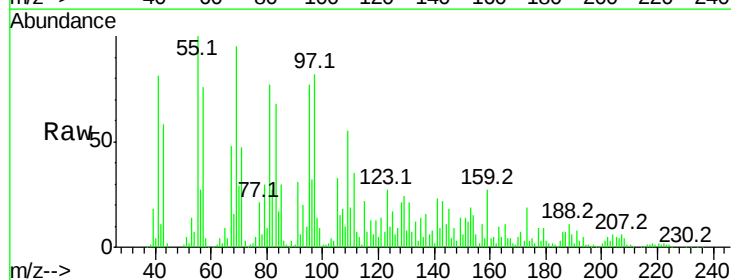
Tgt Ion:154 Resp: 26833

Ion Ratio Lower Upper

154 100

153 128.3 90.5 135.7

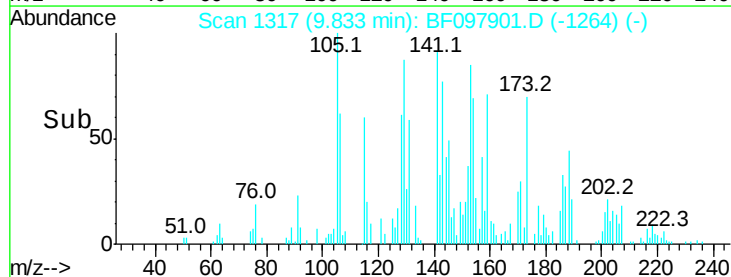
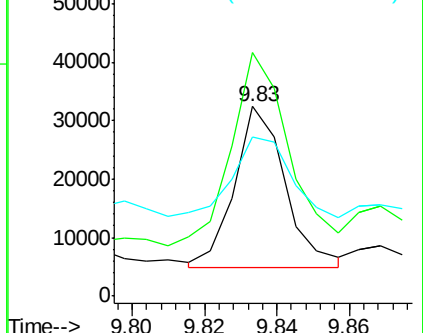
152 83.6 43.6 65.4#

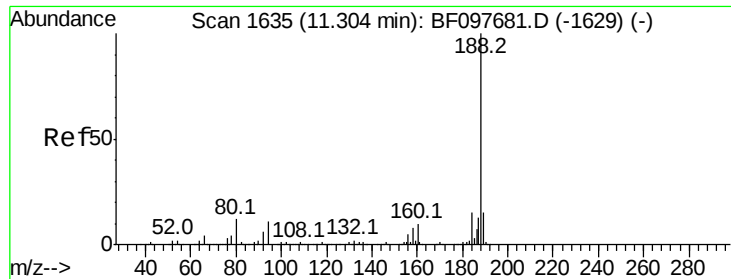


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

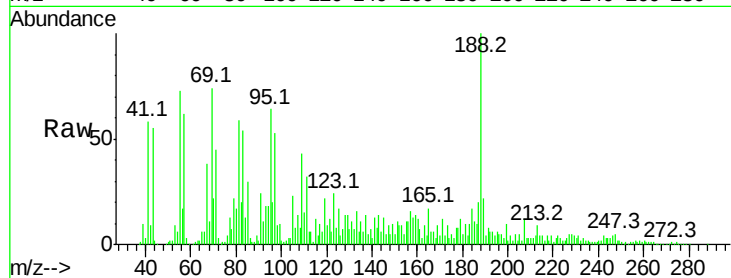




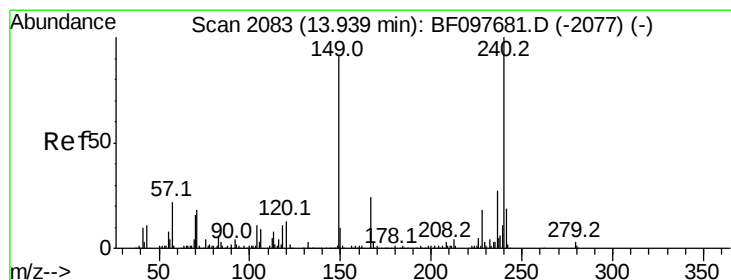
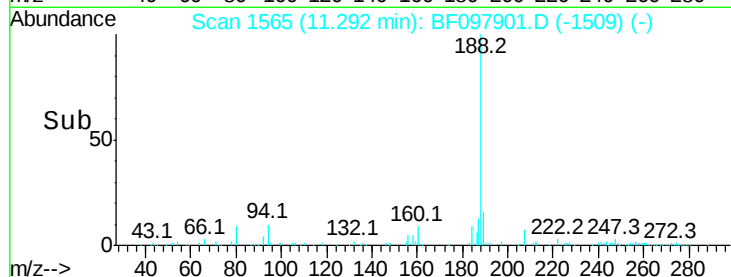
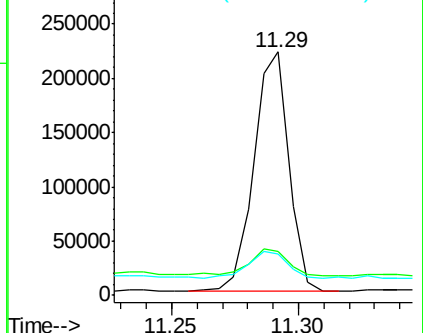
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. 0.03 min
Lab File: BF097901.D
Acq: 21 Aug 2017 12:45

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-106-B(0-5)COMP

Tot Ion:188 Resp: 211903
Ion Ratio Lower Upper
188 100
94 18.0 9.4 14.2#
80 16.9 10.2 15.2#

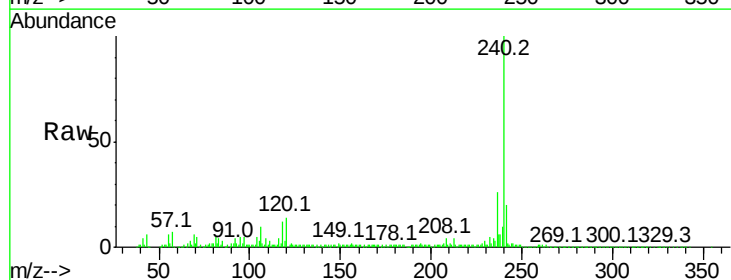


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

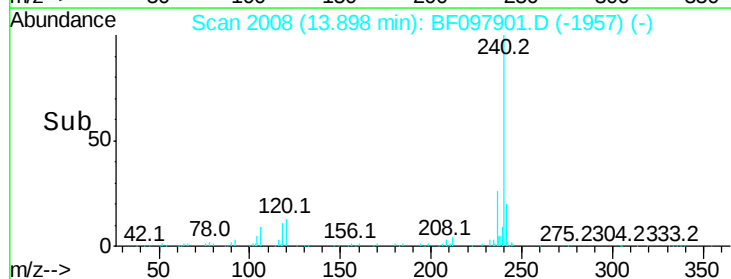
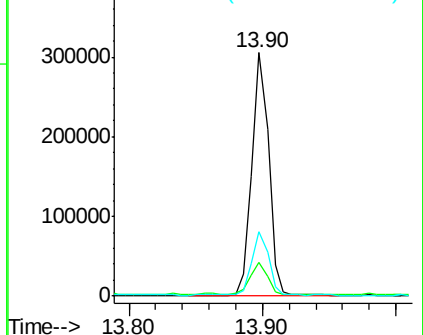


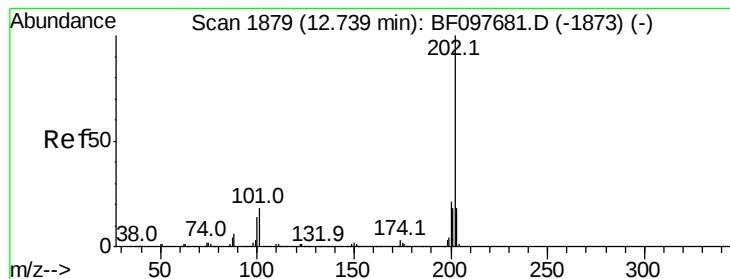
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BF097901.D
Acq: 21 Aug 2017 12:45

Tgt Ion:240 Resp: 261503
Ion Ratio Lower Upper
240 100
120 14.0 5.8 8.8#
236 26.3 20.5 30.7



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





#77

Pvrene

Concen: 3.972 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.01 min

Lab File: BF097901.D

Acq: 21 Aug 2017 12:45

Instrument :

BNA_F

ClientSampleId :

SASP2P-TP-106-B(0-5)COMP

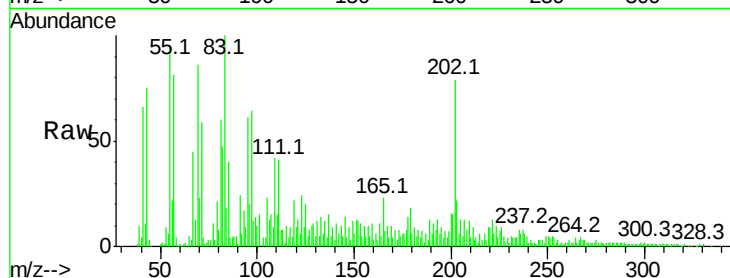
Tot Ion:202 Resp: 84955

Ion Ratio Lower Upper

202 100

200 20.5 17.6 26.4

203 28.1 14.4 21.6#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

120000

80000

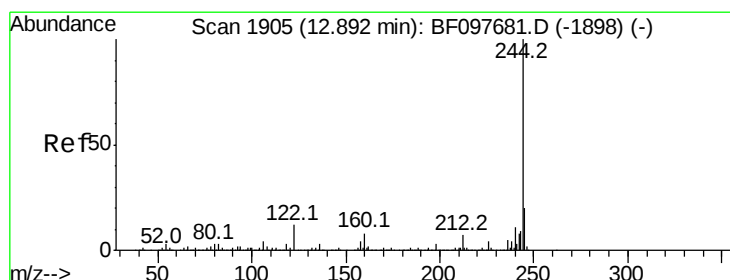
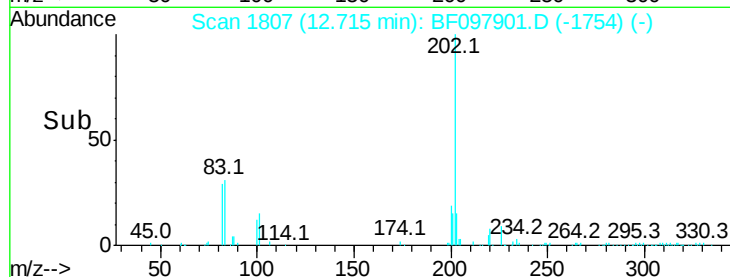
60000

40000

20000

0

Time-->



#78

Terphenyl-d14

Concen: 34.746 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF097901.D

Acq: 21 Aug 2017 12:45

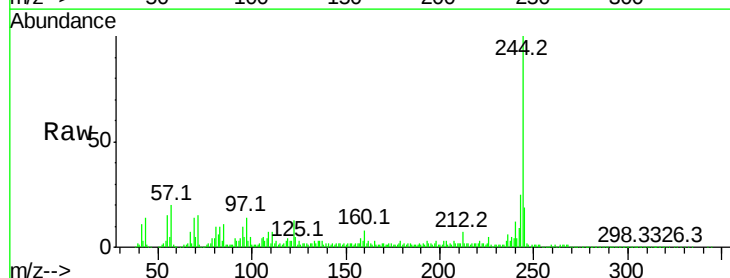
Tgt Ion:244 Resp: 435712

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 12.6 10.3 15.5



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

600000

500000

400000

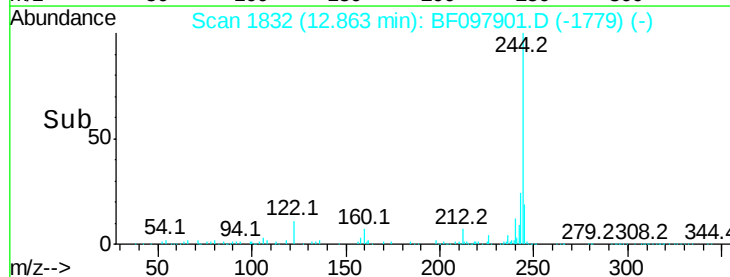
300000

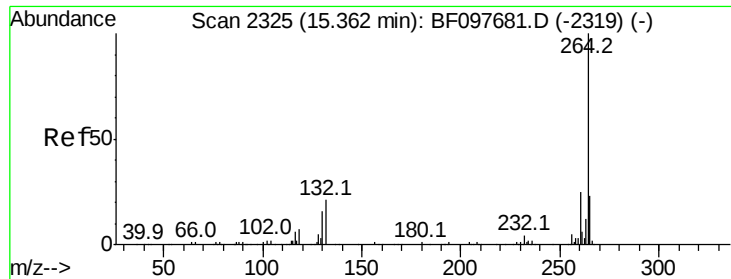
200000

100000

0

Time-->





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. -0.00 min
Lab File: BF097901.D
Acq: 21 Aug 2017 12:45

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-106-B(0-5)COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.2	17.2	25.8

