

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
 Data File : BF104783.D
 Acq On : 25 Apr 2018 12:45
 Operator : JU/SJ
 Sample : J2501-02 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FADW4807L

Quant Time: Apr 25 14:36:01 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 14:01:50 2018
 Response via : Initial Calibration

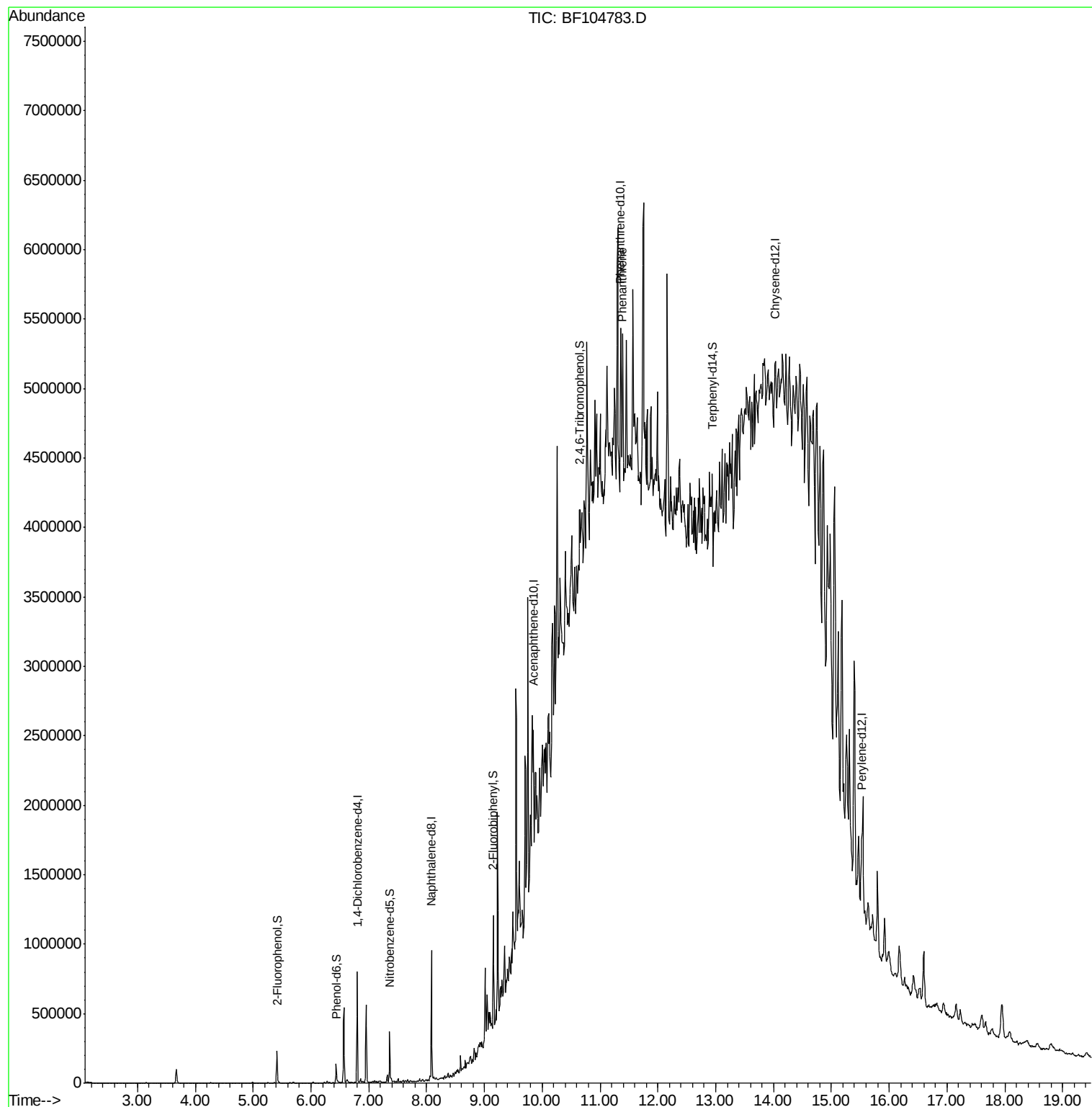
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	109051	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	451307	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	153919	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	147933	20.00	ng	0.02
75) Chrysene-d12	14.02	240	61026	20.00	ng	0.04
86) Perylene-d12	15.52	264	225432	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	76469	10.72	ng	0.00
7) Phenol-d6	6.43	99	58491	6.67	ng	-0.01
23) Nitrobenzene-d5	7.36	82	120462	17.43	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	23359	14.63	ng	0.01
44) 2-Fluorobiphenyl	9.16	172	222218	22.81	ng	0.00
78) Terphenyl-d14	12.95	244	104988	39.22	ng	0.02
Target Compounds						
70) Phenanthrene	11.38	178	42311	5.136	ng	Qvalue # 64

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

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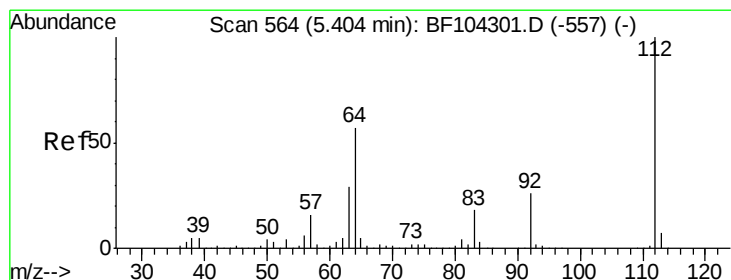
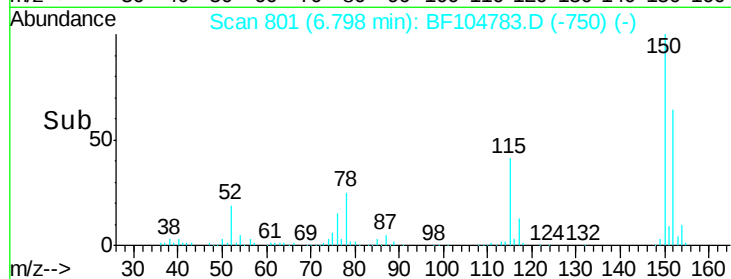
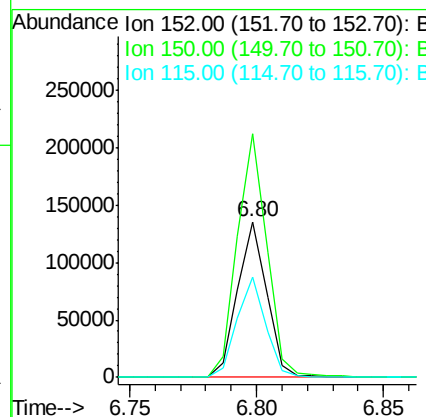
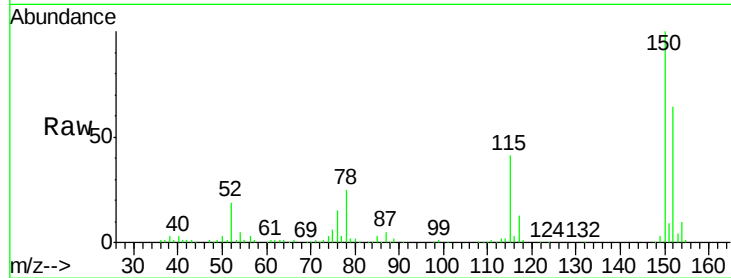


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF104783.D
Acq: 25 Apr 2018 12:45

Instrument :
BNA_F
ClientSampled :
FADW4807L

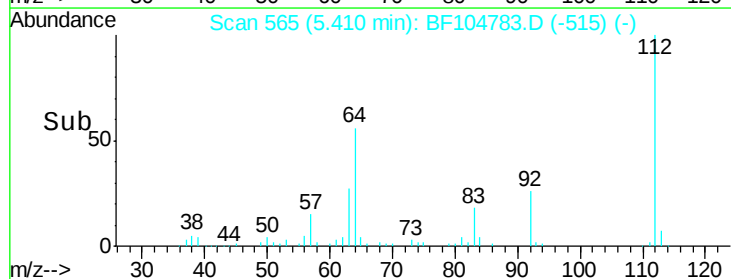
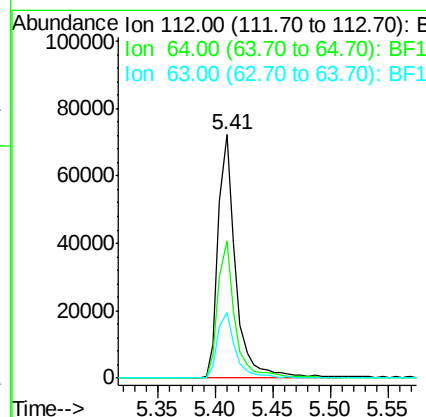
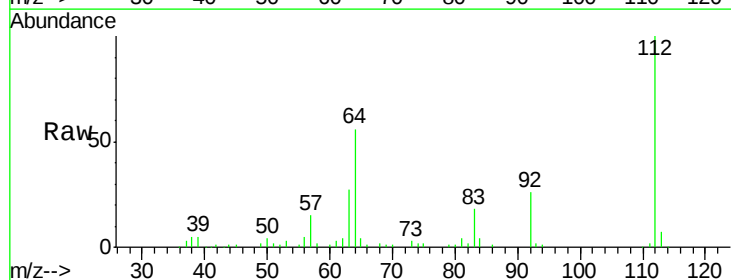
Tot Ion:152 Resp: 109051
Ion Ratio Lower Upper
152 100
150 156.3 124.6 186.8
115 64.4 50.1 75.1



#5

2-Fluorophenol
Concen: 10.722 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF104783.D
Acq: 25 Apr 2018 12:45

Tgt Ion:112 Resp: 76469
Ion Ratio Lower Upper
112 100
64 56.2 47.9 71.9
63 26.9 23.7 35.5





#7

Phenol-d6

Concen: 6.675 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF104783.D

Acq: 25 Apr 2018 12:45

Instrument :

BNA_F

ClientSampleId :

FADW4807L

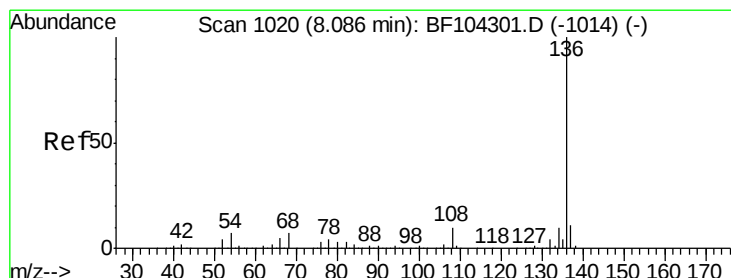
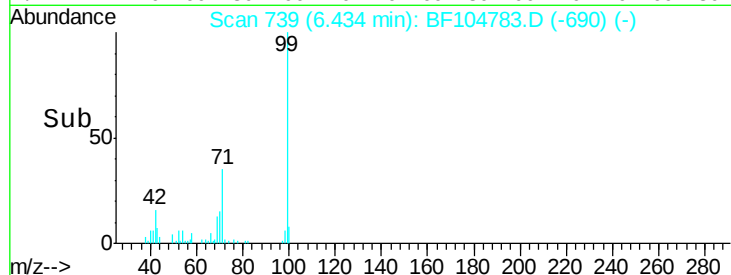
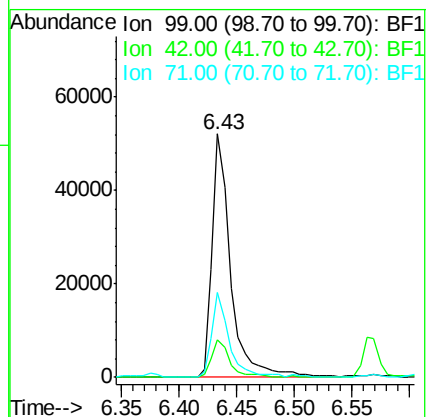
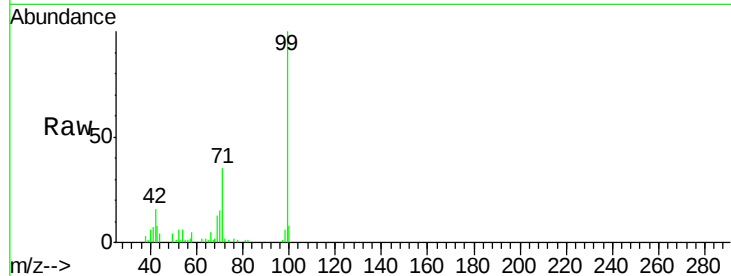
Tot Ion: 99 Resp: 58491

Ion Ratio Lower Upper

99 100

42 15.6 14.5 21.7

71 35.0 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF104783.D

Acq: 25 Apr 2018 12:45

Tgt Ion: 136 Resp: 451307

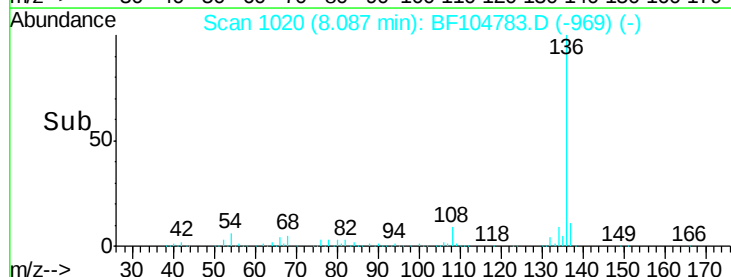
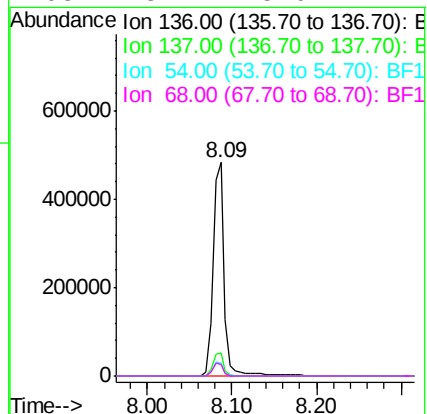
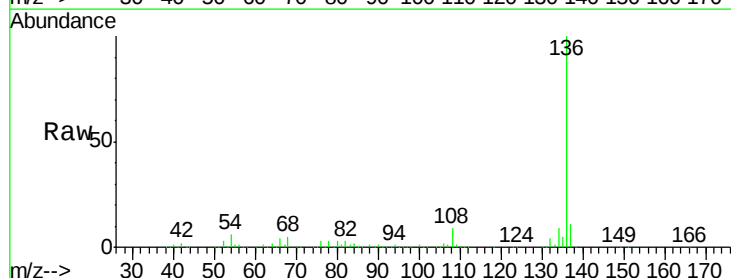
Ion Ratio Lower Upper

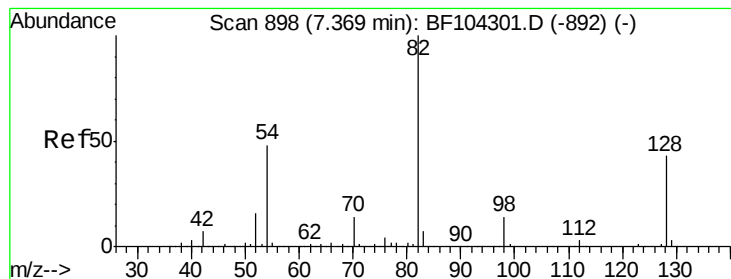
136 100

137 10.9 8.9 13.3

54 5.8 6.6 9.8#

68 5.2 5.0 7.4





#23

Nitrobenzene-d5

Concen: 17.429 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF104783.D

Acq: 25 Apr 2018 12:45

Instrument :

BNA_F

ClientSampleId :

FADW4807L

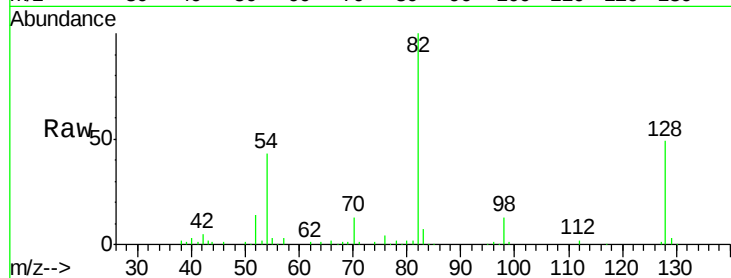
Tot Ion: 82 Resp: 120462

Ion Ratio Lower Upper

82 100

128 48.5 36.1 54.1

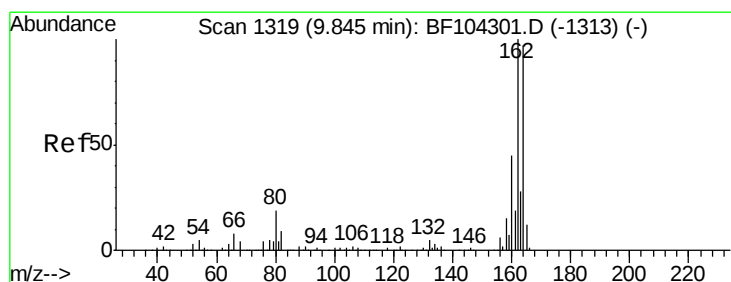
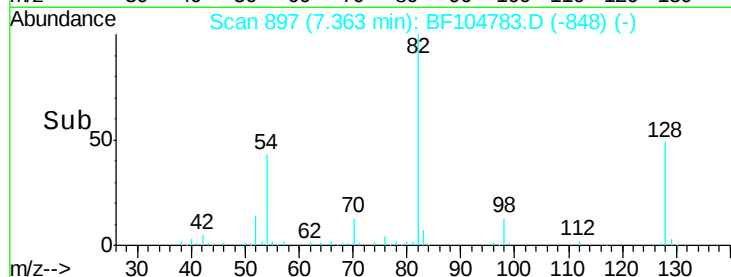
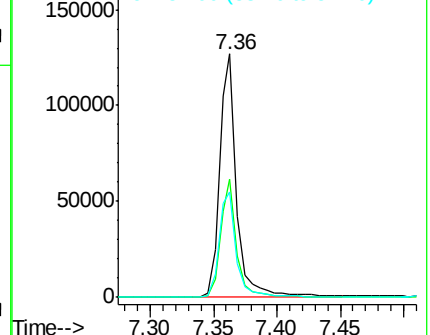
54 43.3 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BF104783.D

Acq: 25 Apr 2018 12:45

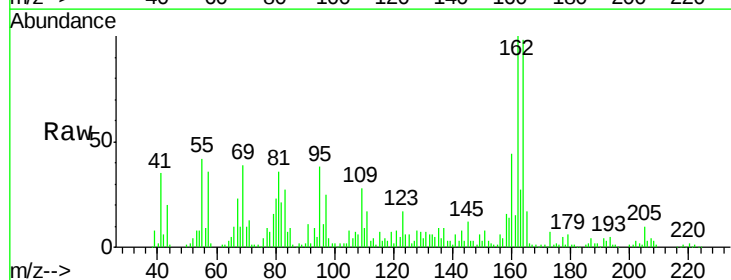
Tgt Ion:164 Resp: 153919

Ion Ratio Lower Upper

164 100

162 102.0 86.1 129.1

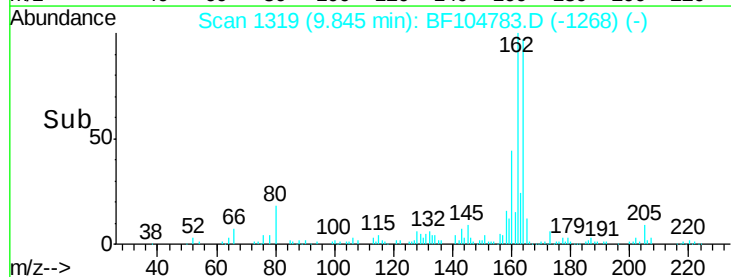
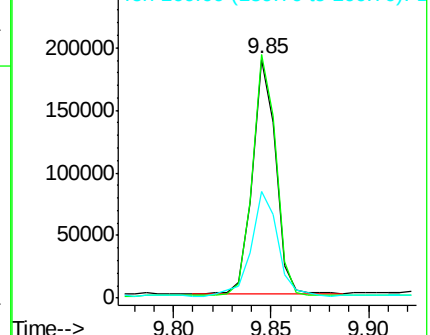
160 44.9 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#41

2,4,6-Tribromophenol

Concen: 14.630 ng

RT: 10.65 min Scan# 1456

Delta R.T. 0.01 min

Lab File: BF104783.D

Acq: 25 Apr 2018 12:45

Instrument :

BNA_F

ClientSampleId :

FADW4807L

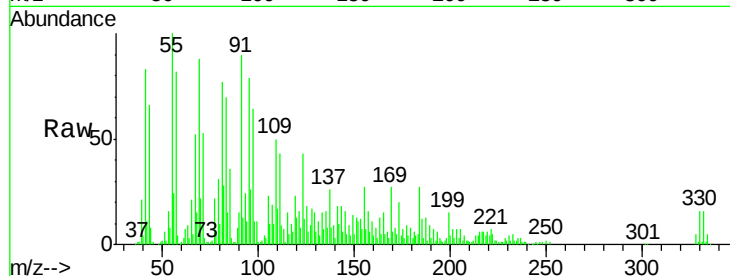
Tot Ion:330 Resp: 23359

Ion Ratio Lower Upper

330 100

332 99.0 77.0 115.6

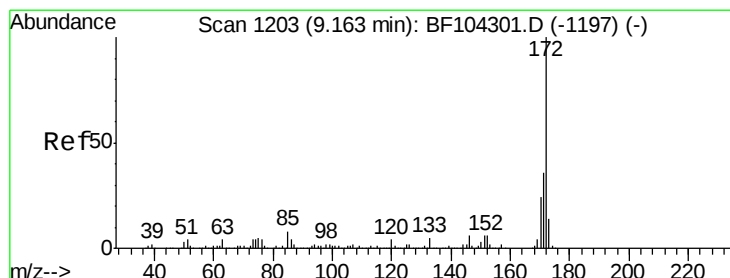
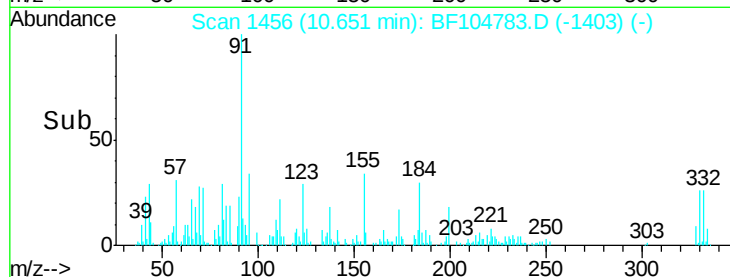
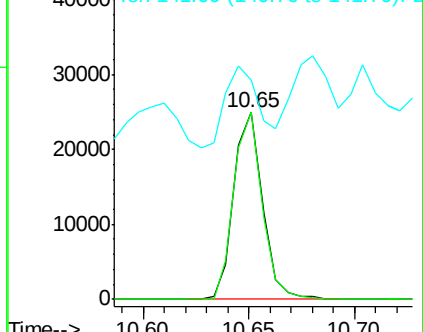
141 51.3 29.9 44.9#



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: 22.807 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF104783.D

Acq: 25 Apr 2018 12:45

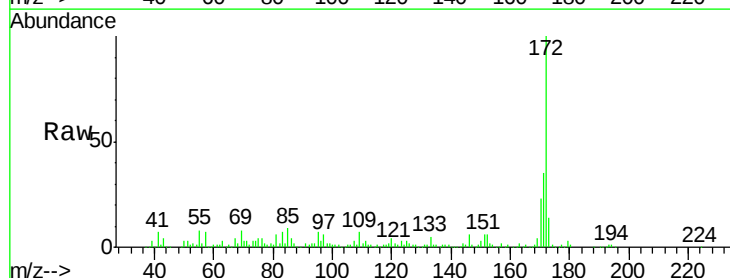
Tgt Ion:172 Resp: 222218

Ion Ratio Lower Upper

172 100

171 35.3 29.7 44.5

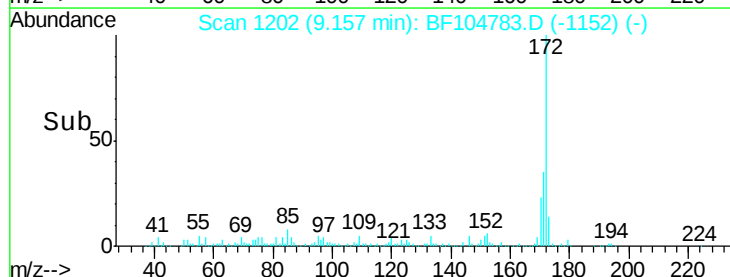
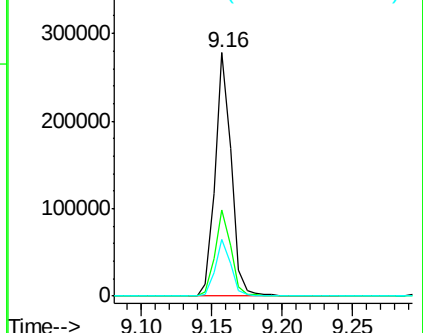
170 23.3 19.6 29.4

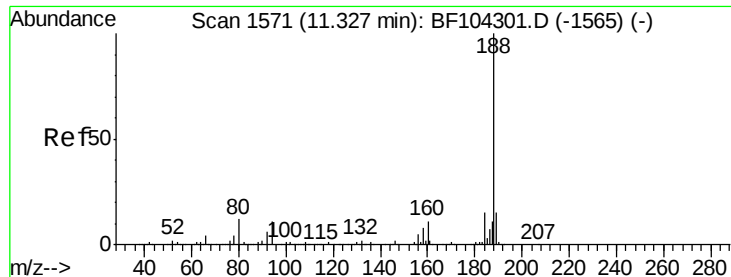


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

Delta R.T. 0.02 min

Lab File: BF104783.D

Acq: 25 Apr 2018 12:45

Instrument :

BNA_F

ClientSampleId :

FADW4807L

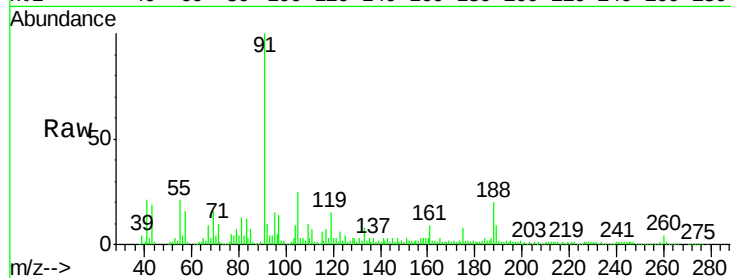
Tot Ion:188 Resp: 147933

Ion Ratio Lower Upper

188 100

94 18.6 8.5 12.7#

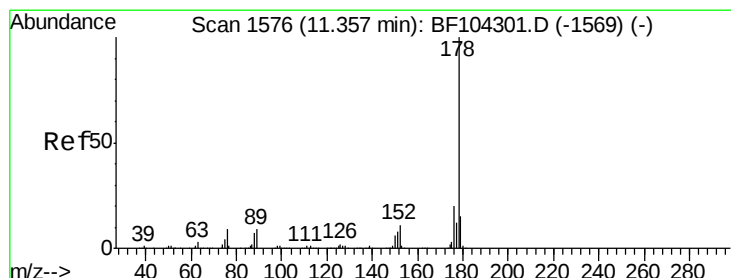
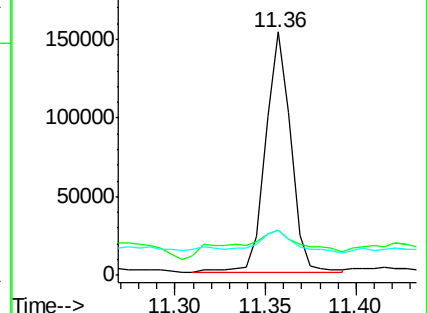
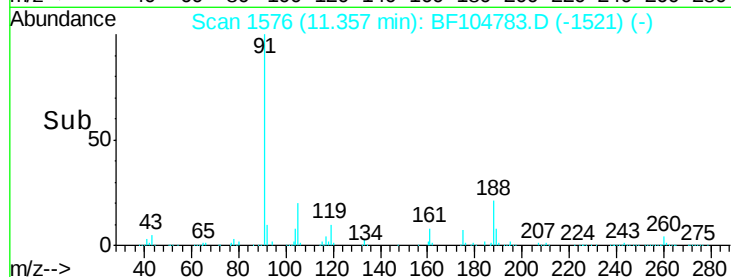
80 18.8 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#70

Phenanthrene

Concen: 5.136 ng

RT: 11.38 min Scan# 1580

Delta R.T. 0.02 min

Lab File: BF104783.D

Acq: 25 Apr 2018 12:45

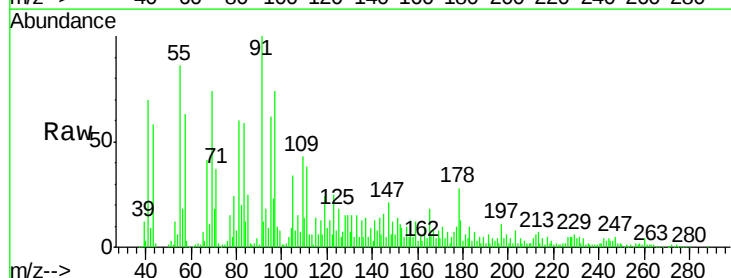
Tgt Ion:178 Resp: 42311

Ion Ratio Lower Upper

178 100

176 25.0 15.8 23.8#

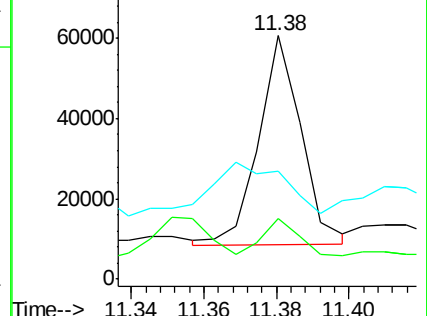
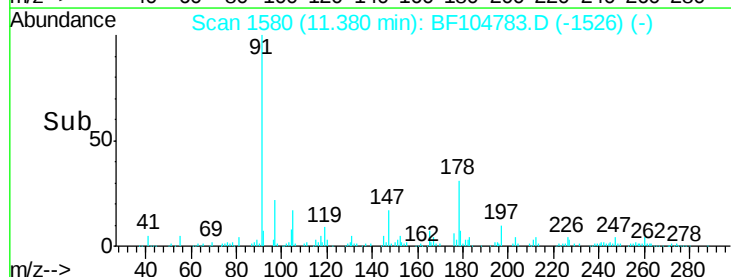
179 44.5 13.0 19.6#

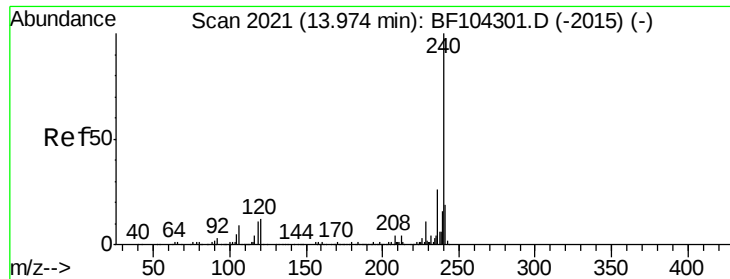


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.04 min

Lab File: BF104783.D

Acq: 25 Apr 2018 12:45

Instrument :

BNA_F

ClientSampleId :

FADW4807L

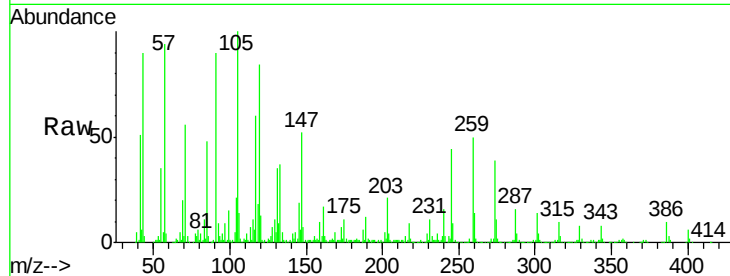
Tot Ion:240 Resp: 61026

Ion Ratio Lower Upper

240 100

120 78.6 9.5 14.3#

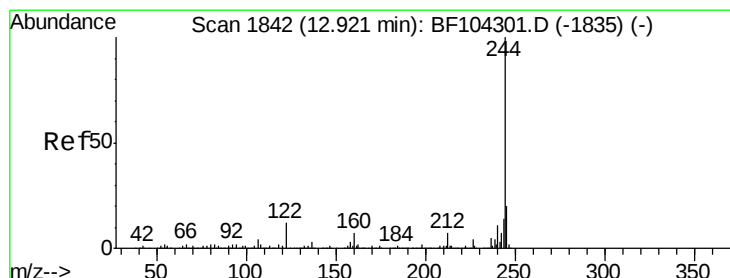
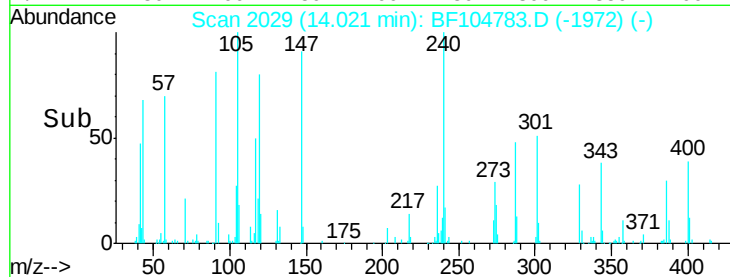
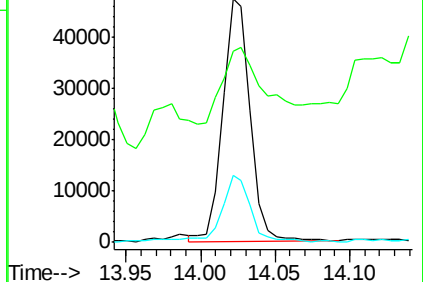
236 27.4 20.7 31.1



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: 39.222 ng

RT: 12.95 min Scan# 1846

Delta R.T. 0.02 min

Lab File: BF104783.D

Acq: 25 Apr 2018 12:45

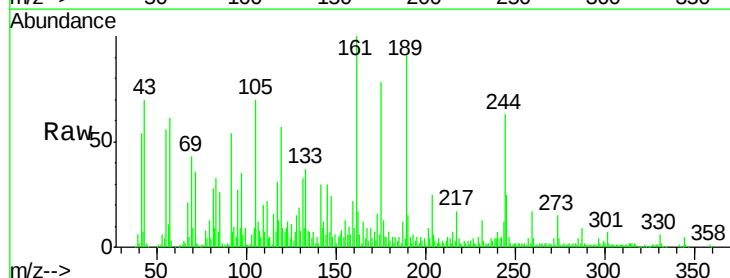
Tgt Ion:244 Resp: 104988

Ion Ratio Lower Upper

244 100

212 7.7 5.4 8.0

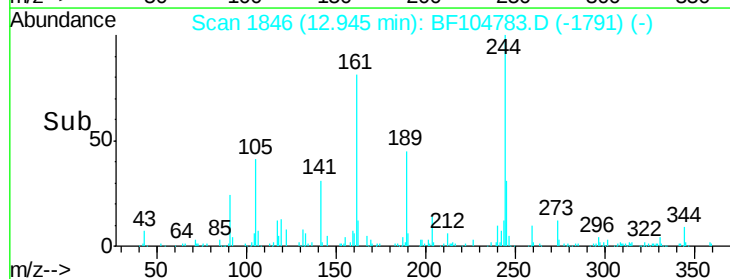
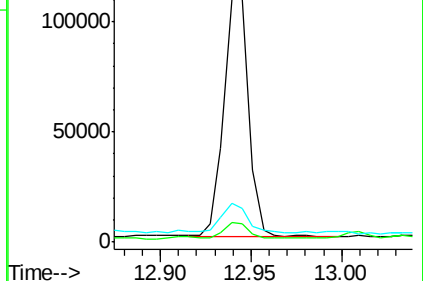
122 13.8 11.0 16.4

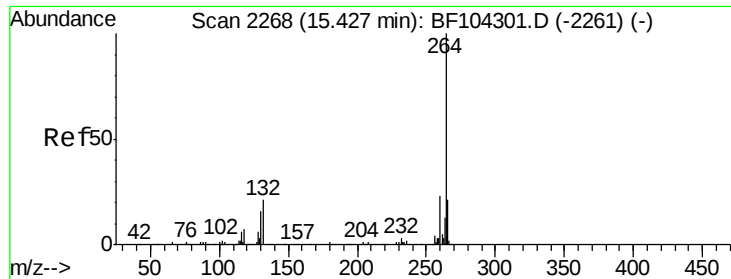


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

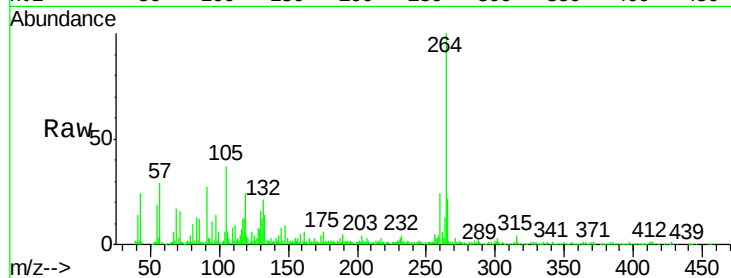




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.06 min
Lab File: BF104783.D
Acq: 25 Apr 2018 12:45

Instrument :
BNA_F
ClientSampleId :
FADW4807L

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.8	17.5	26.3



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

