

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062018\
 Data File : BF106644.D
 Acq On : 21 Jun 2018 2:23
 Operator : JU/SJ
 Sample : J3575-21 2X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-13

Quant Time: Jun 21 04:55:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 19 14:32:09 2018
 Response via : Initial Calibration

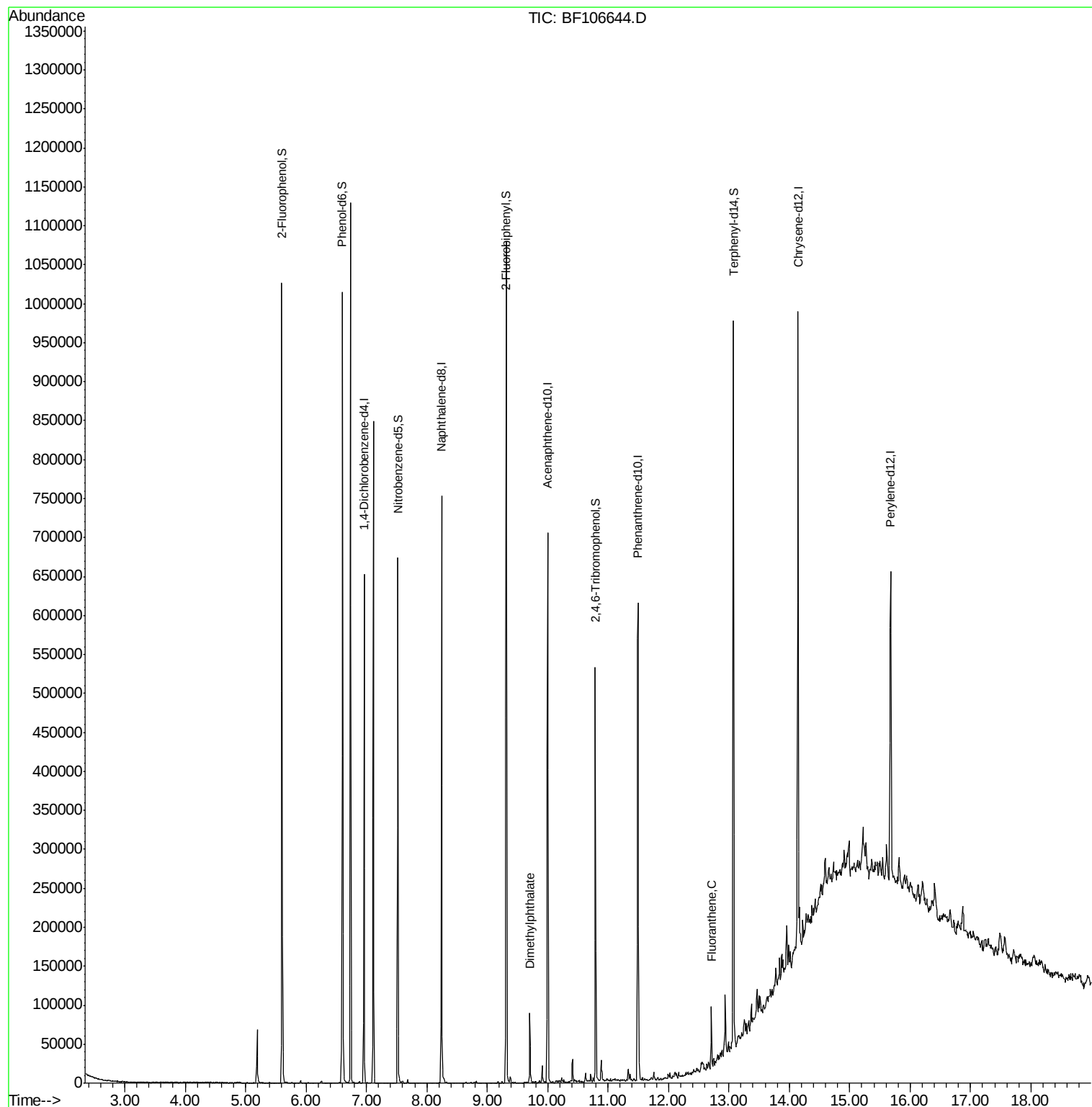
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	85805	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	315473	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	136397	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	241287	20.00	ng	0.00
75) Chrysene-d12	14.14	240	270239	20.00	ng	-0.01
86) Perylene-d12	15.68	264	195158	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	259469	51.20	ng	0.00
7) Phenol-d6	6.60	99	322915	51.03	ng	0.00
23) Nitrobenzene-d5	7.52	82	201169	35.44	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	75381	47.68	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	322114	30.52	ng	-0.01
78) Terphenyl-d14	13.08	244	347994	31.19	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	34344	3.357	ng	Qvalue # 98
74) Fluoranthene	12.71	202	28546	2.225	ng	97

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

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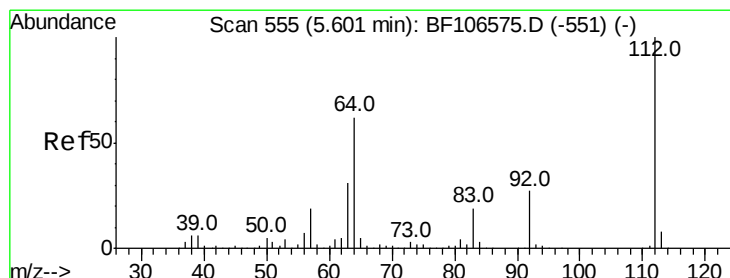
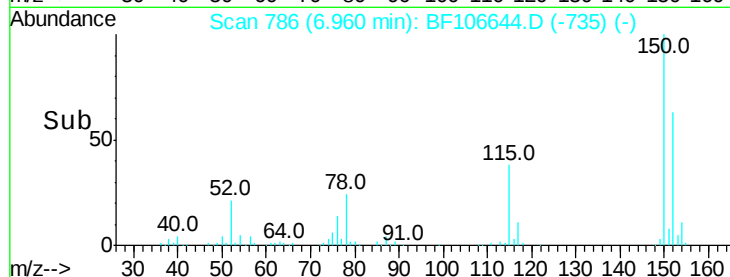
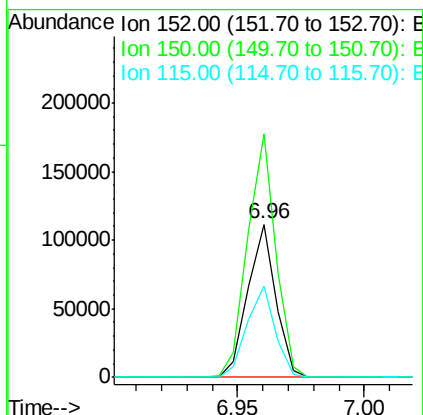
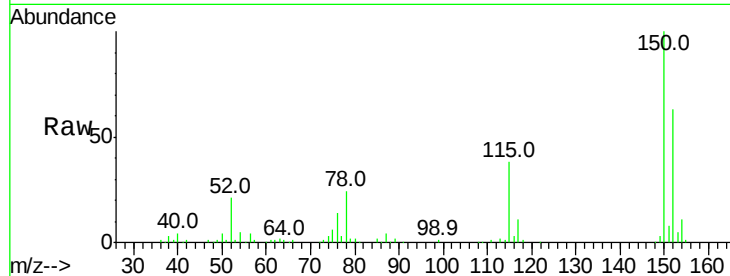


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106644.D
Acq: 21 Jun 2018 2:23

Instrument :
BNA_F
ClientSampleId :
TP-13

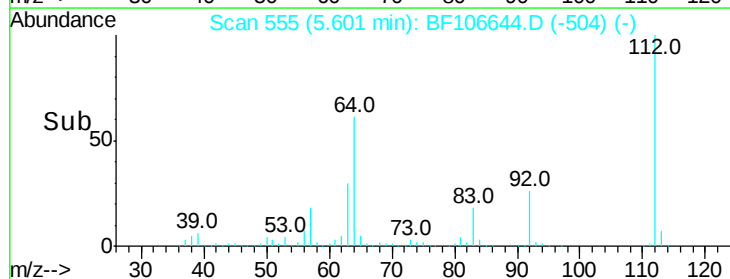
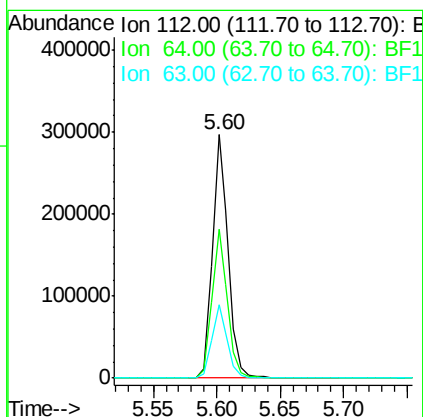
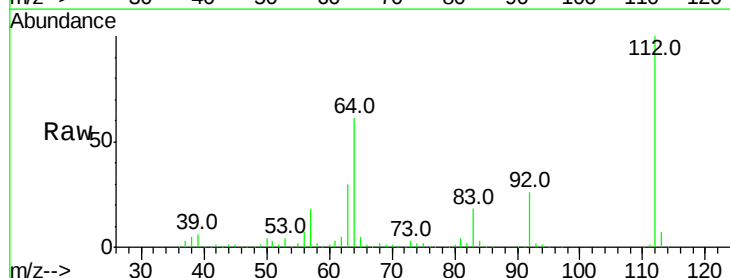
Tot Ion:152 Resp: 85805
Ion Ratio Lower Upper
152 100
150 159.0 124.6 186.8
115 59.7 50.1 75.1



#5

2-Fluorophenol
Concen: 51.205 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF106644.D
Acq: 21 Jun 2018 2:23

Tgt Ion:112 Resp: 259469
Ion Ratio Lower Upper
112 100
64 61.3 47.9 71.9
63 30.1 23.7 35.5





#7

Phenol-d6

Concen: 51.029 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106644.D

Acq: 21 Jun 2018 2:23

Instrument :

BNA_F

ClientSampled :

TP-13

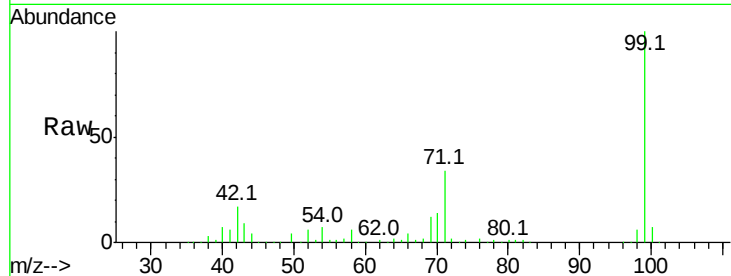
Tot Ion: 99 Resp: 322915

Ion Ratio Lower Upper

99 100

42 17.3 14.5 21.7

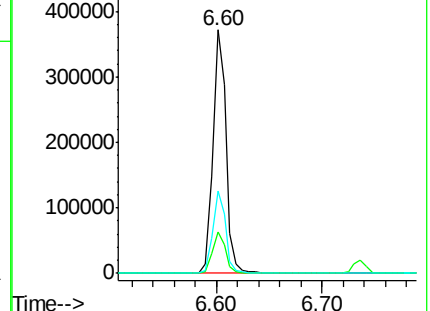
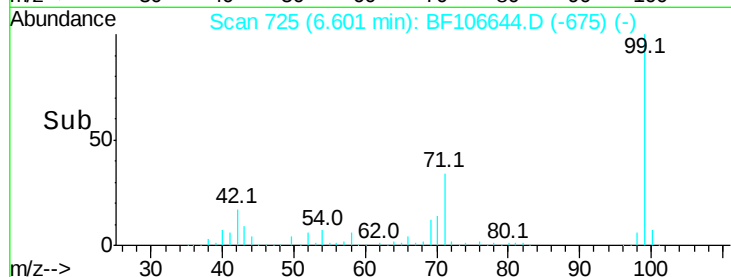
71 33.9 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF106644.D

Acq: 21 Jun 2018 2:23

Tgt Ion: 136 Resp: 315473

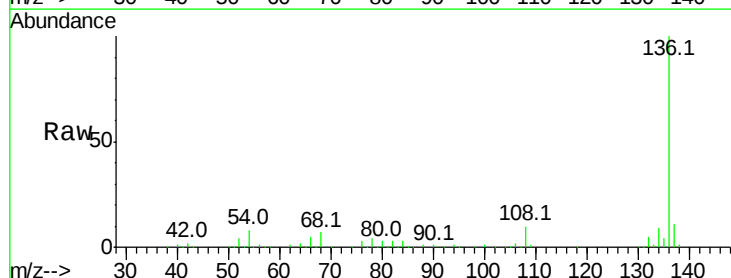
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.2 6.6 9.8

68 6.6 5.0 7.4

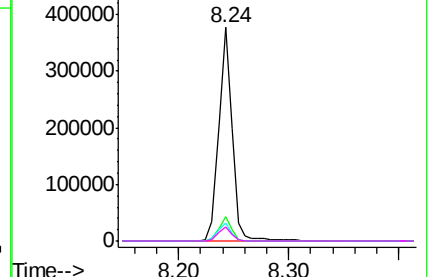
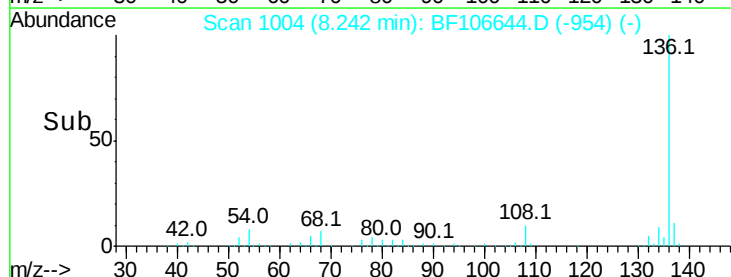


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

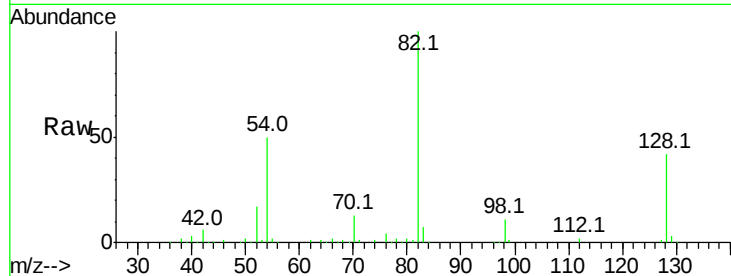




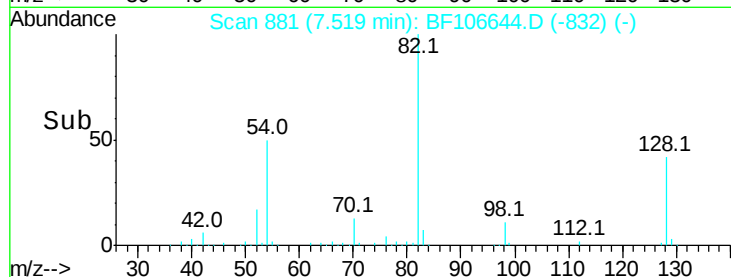
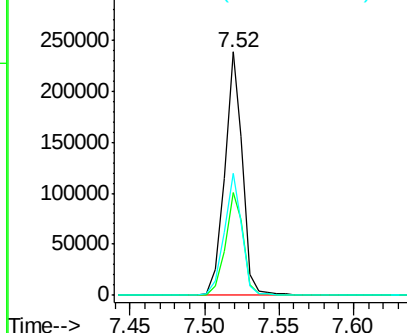
#23
Nitrobenzene-d5
Concen: 35.438 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF106644.D
Acq: 21 Jun 2018 2:23

Instrument :
BNA_F
ClientSampleId :
TP-13

Tot Ion: 82 Resp: 201169
Ion Ratio Lower Upper
82 100
128 42.4 36.1 54.1
54 49.9 41.4 62.2

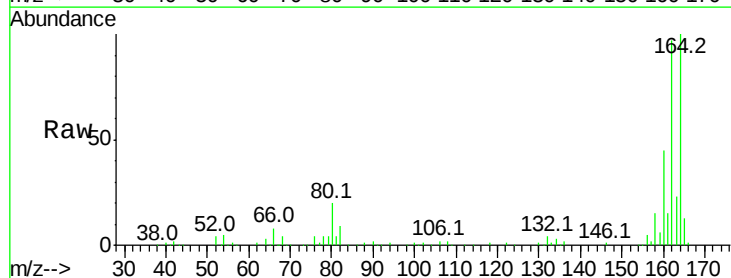


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

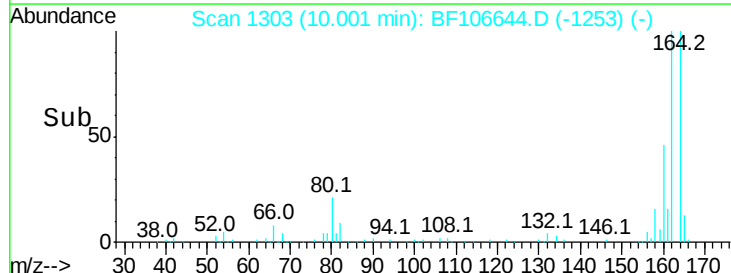
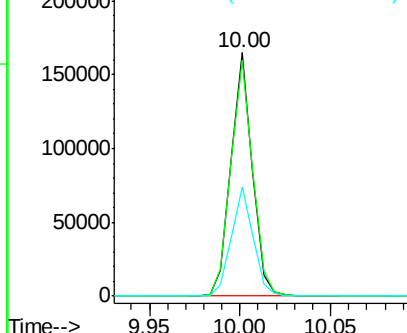


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106644.D
Acq: 21 Jun 2018 2:23

Tgt Ion:164 Resp: 136397
Ion Ratio Lower Upper
164 100
162 97.1 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

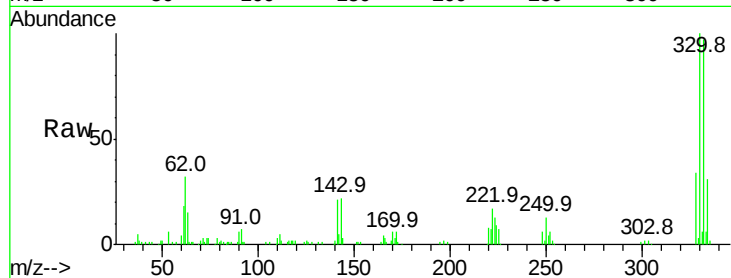




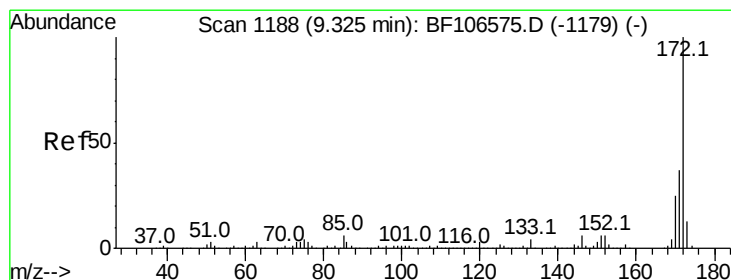
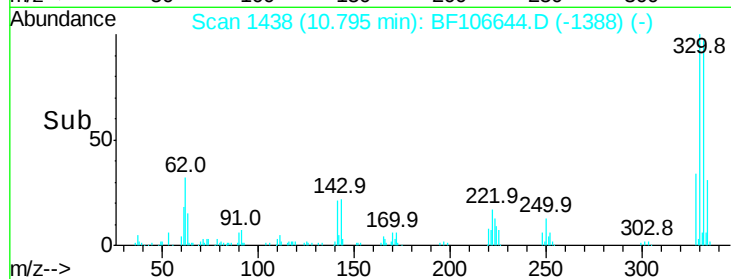
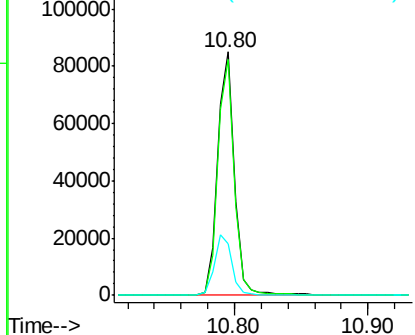
#41
 2,4,6-Tribromophenol
 Concen: 47.683 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106644.D
 Acq: 21 Jun 2018 2:23

Instrument :
 BNA_F
 ClientSampleId :
 TP-13

Tot Ion:330 Resp: 75381
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 25.8 29.9 44.9#

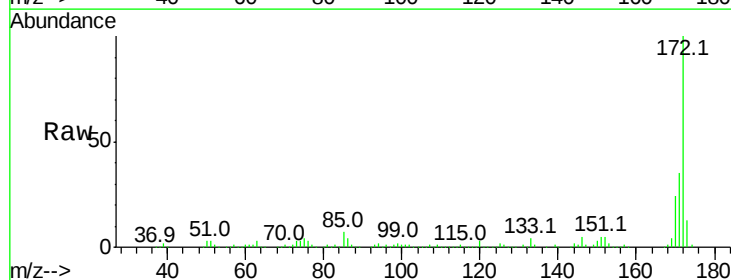


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

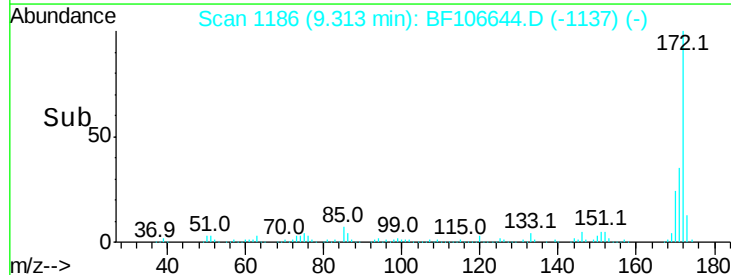
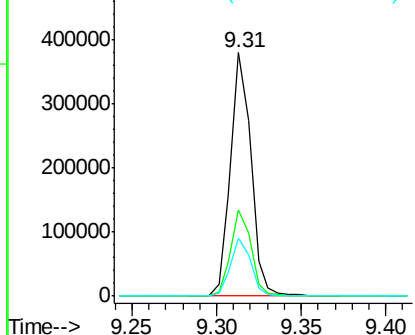


#44
 2-Fluorobiphenyl
 Concen: 30.518 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106644.D
 Acq: 21 Jun 2018 2:23

Tgt Ion:172 Resp: 322114
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.7 44.5
 170 23.9 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





#49

Dimethylphthalate

Concen: 3.357 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF106644.D

Acq: 21 Jun 2018 2:23

Instrument :

BNA_F

ClientSampled :

TP-13

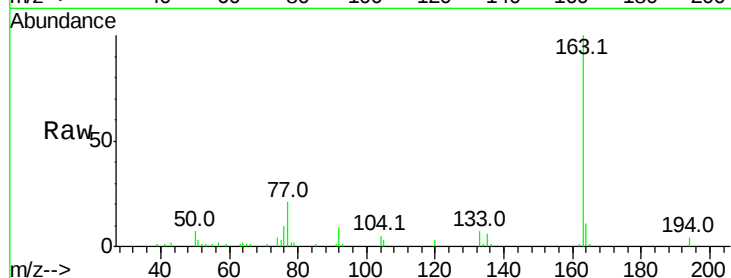
Tot Ion:163 Resp: 34344

Ion Ratio Lower Upper

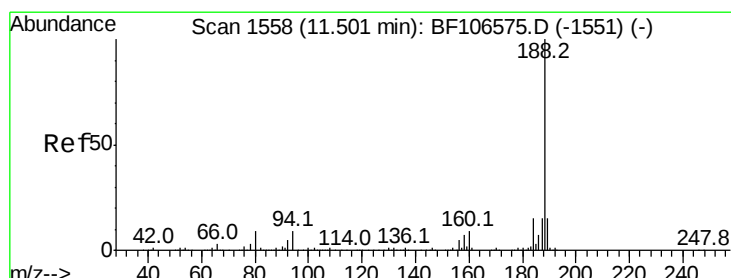
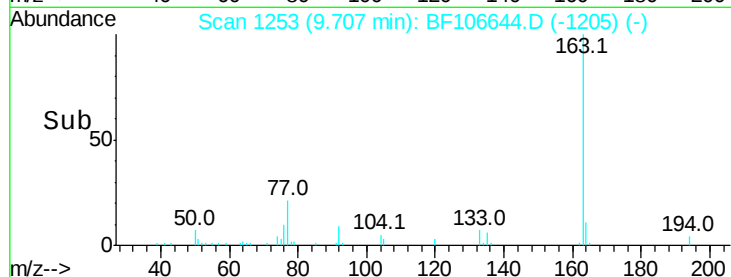
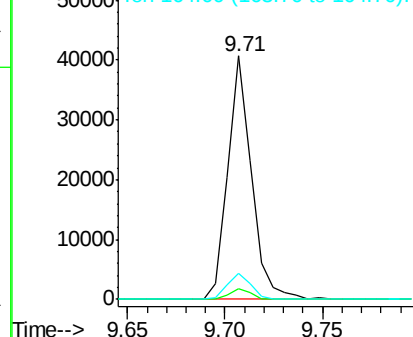
163 100

194 4.1 2.7 4.1#

164 10.8 8.2 12.2



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: 20.000 ng

RT: 11.50 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106644.D

Acq: 21 Jun 2018 2:23

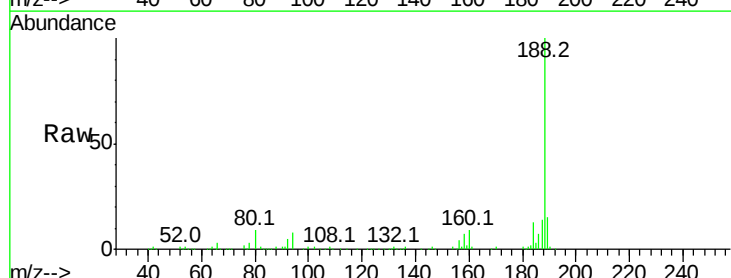
Tgt Ion:188 Resp: 241287

Ion Ratio Lower Upper

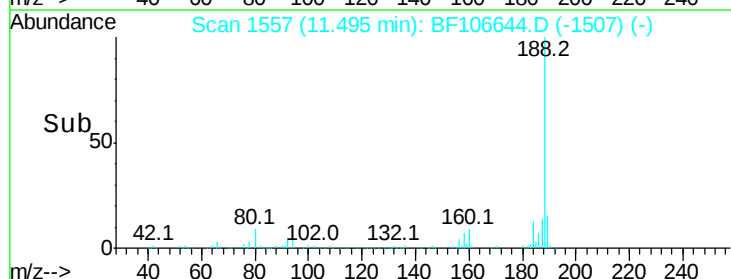
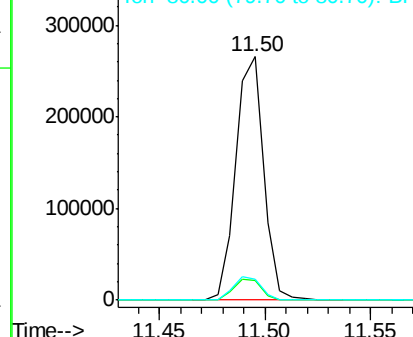
188 100

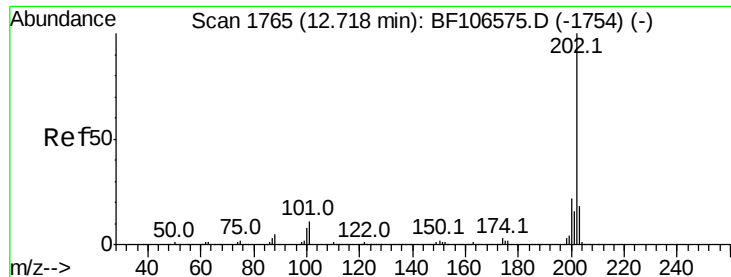
94 8.2 8.5 12.7#

80 8.5 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





#74

Fluoranthene

Concen: 2.225 ng

RT: 12.71 min Scan# 1763

Delta R.T. -0.01 min

Lab File: BF106644.D

Acq: 21 Jun 2018 2:23

Instrument :

BNA_F

ClientSampleId :

TP-13

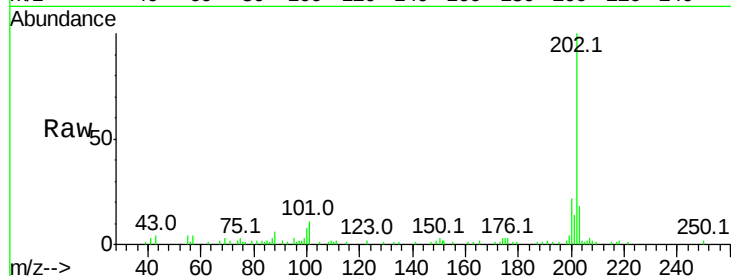
Tot Ion:202 Resp: 28546

Ion Ratio Lower Upper

202 100

101 11.3 0.0 34.1

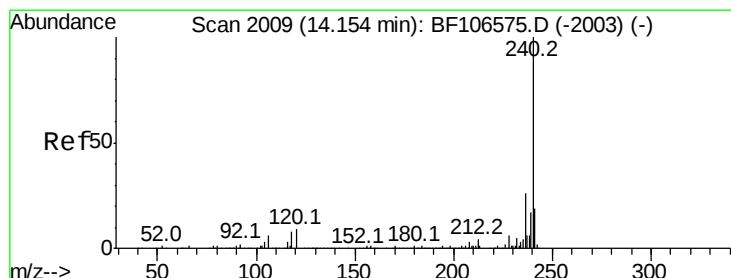
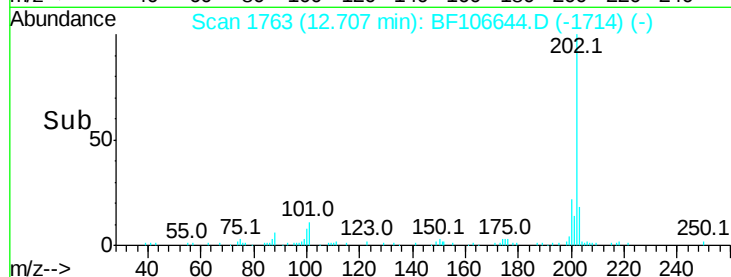
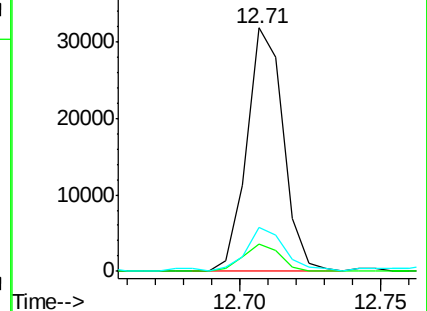
203 18.0 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF106644.D

Acq: 21 Jun 2018 2:23

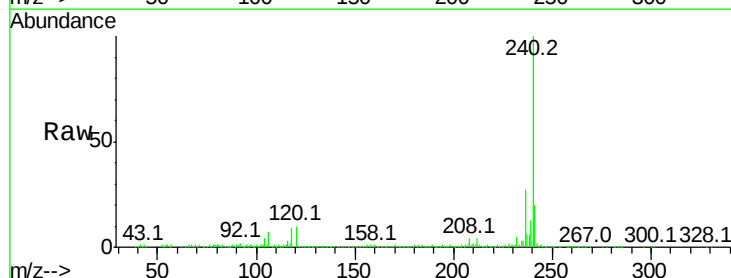
Tgt Ion:240 Resp: 270239

Ion Ratio Lower Upper

240 100

120 10.2 9.5 14.3

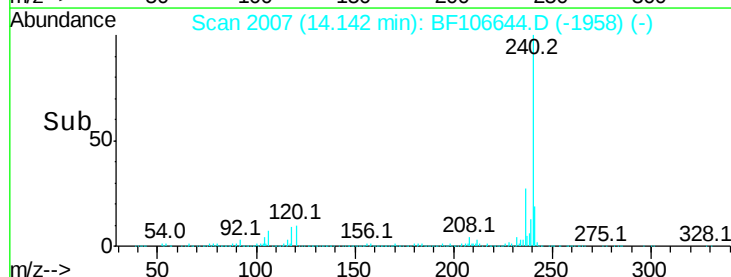
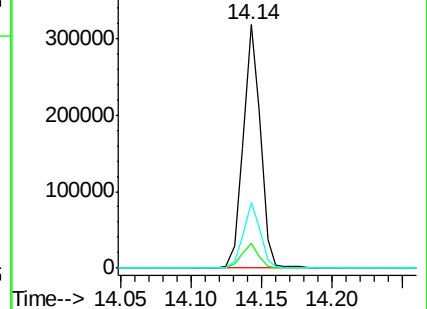
236 26.9 20.7 31.1



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: 31.193 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106644.D

Acq: 21 Jun 2018 2:23

Instrument :

BNA_F

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TP-13

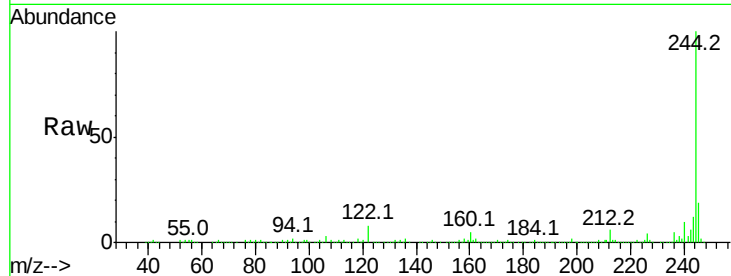
Tot Ion:244 Resp: 347994

Ion Ratio Lower Upper

244 100

212 6.1 5.4 8.0

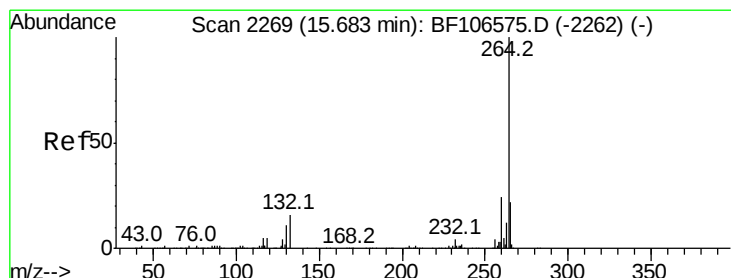
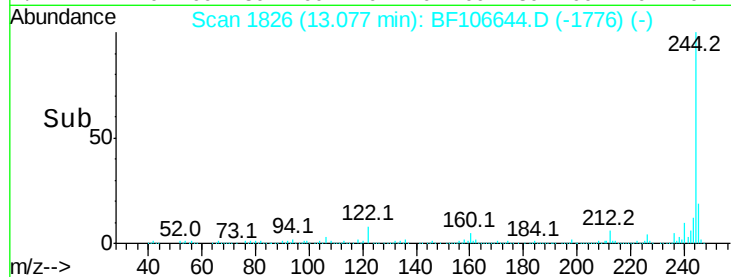
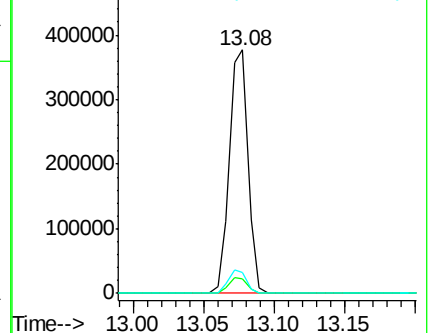
122 8.3 11.0 16.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2268

Delta R.T. -0.01 min

Lab File: BF106644.D

Acq: 21 Jun 2018 2:23

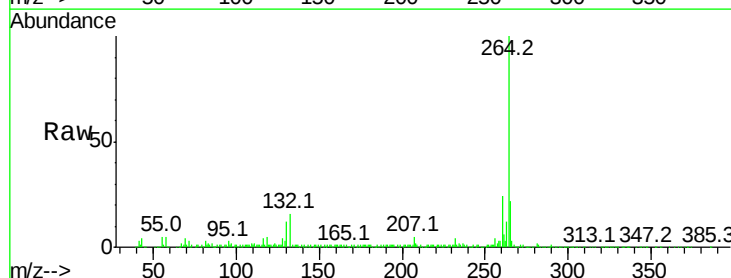
Tgt Ion:264 Resp: 195158

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.9 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

