

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
 Data File : BF102900.D
 Acq On : 9 Feb 2018 20:26
 Operator : SJ/JU
 Sample : J1506-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-20(8-10)

Quant Time: Feb 09 23:06:04 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

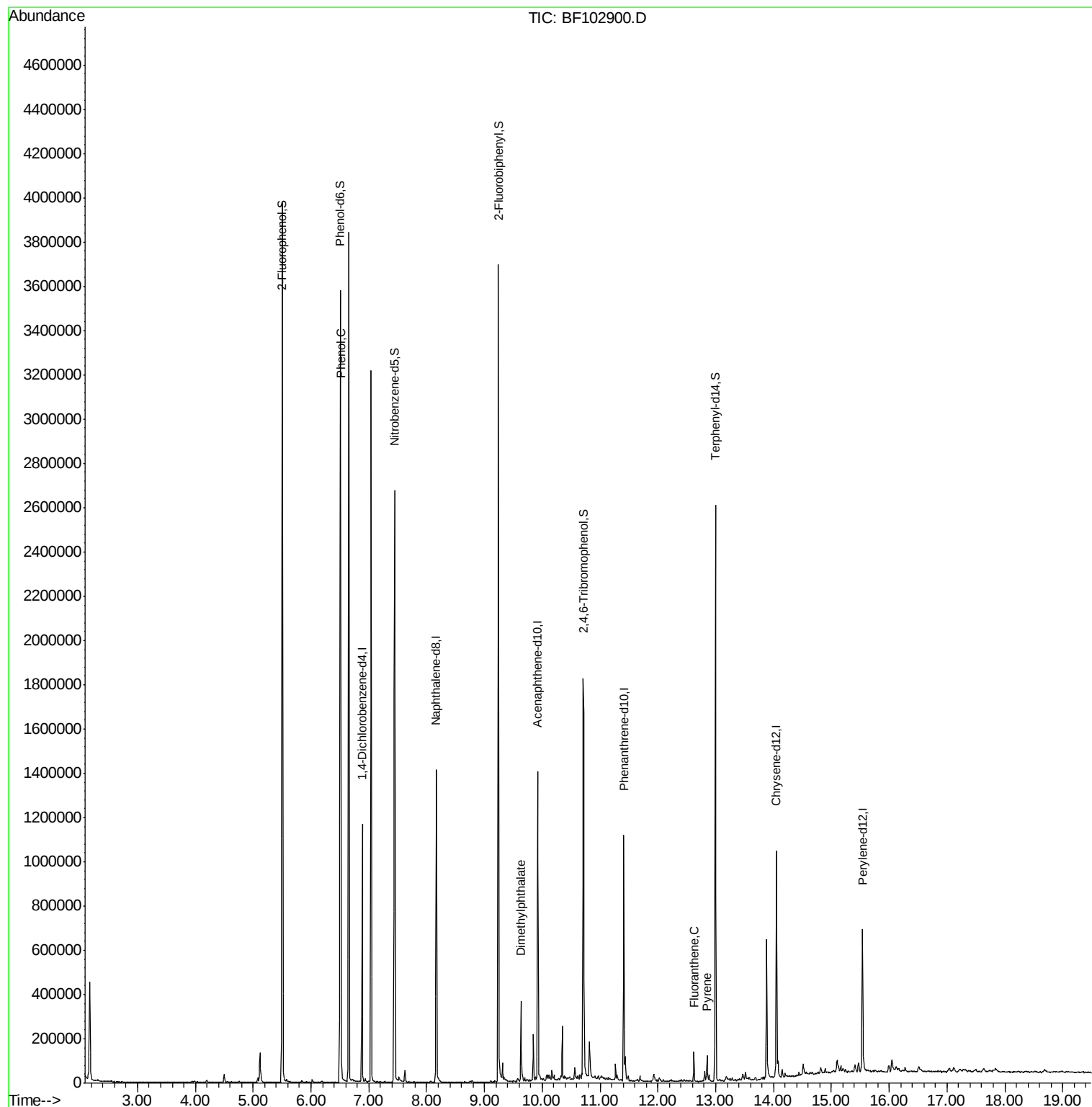
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	158396	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	639160	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	258929	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	381983	20.00	ng	0.00
75) Chrysene-d12	14.05	240	309360	20.00	ng	0.00
86) Perylene-d12	15.54	264	287594	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1124533	107.82	ng	0.01
7) Phenol-d6	6.51	99	1309635	104.28	ng	0.00
23) Nitrobenzene-d5	7.45	82	862545	93.62	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	207073	99.36	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1186230	76.02	ng	0.00
78) Terphenyl-d14	13.00	244	821895	62.91	ng	0.00
Target Compounds						
10) Phenol	6.52	94	29849	2.218	ng	88
49) Dimethylphthalate	9.63	163	128167	6.348	ng	99
74) Fluoranthene	12.62	202	52228	2.440	ng	99
77) Pyrene	12.86	202	48653	2.006	ng	97

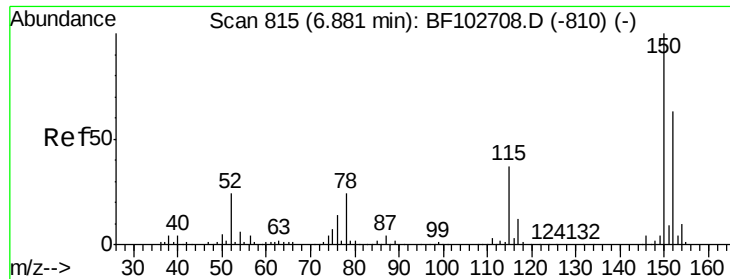
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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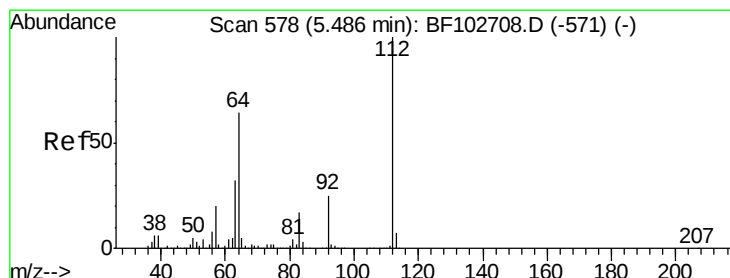
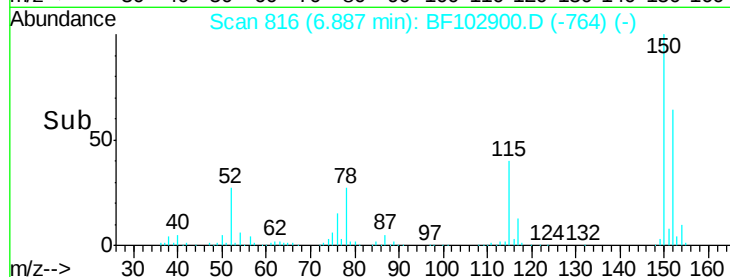
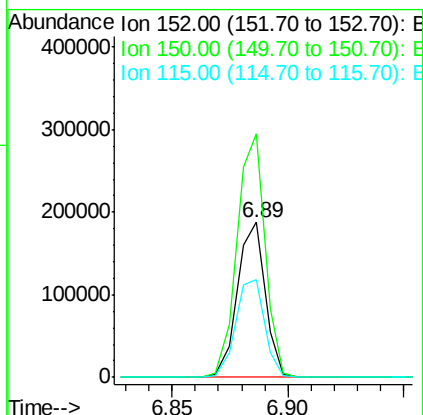
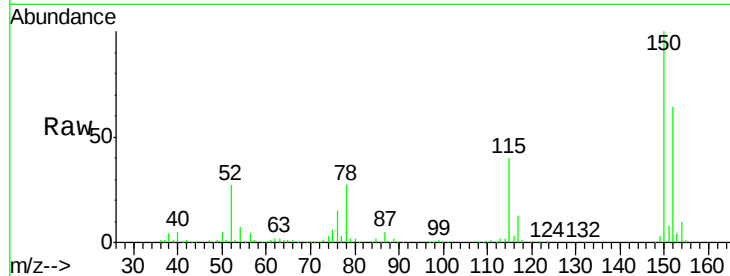


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102900.D
Acq: 9 Feb 2018 20:26

Instrument :
BNA_F
ClientSampleId :
B-20(8-10)

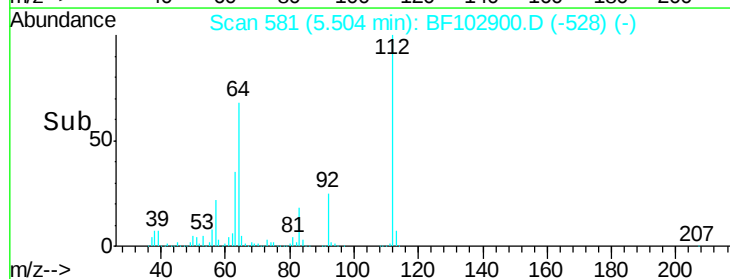
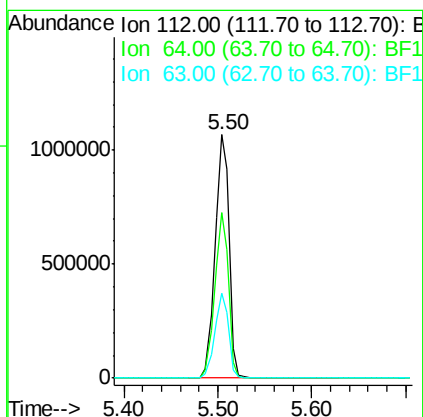
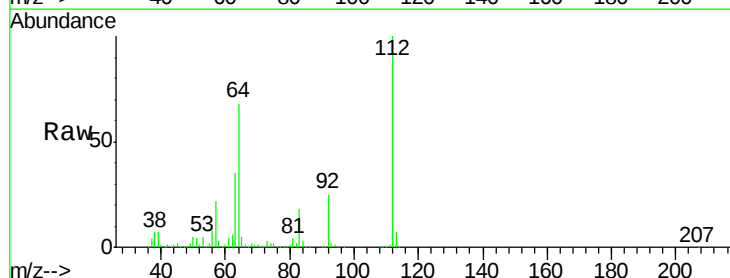
Tot Ion:152 Resp: 158396
Ion Ratio Lower Upper
152 100
150 157.3 124.6 186.8
115 63.1 50.1 75.1

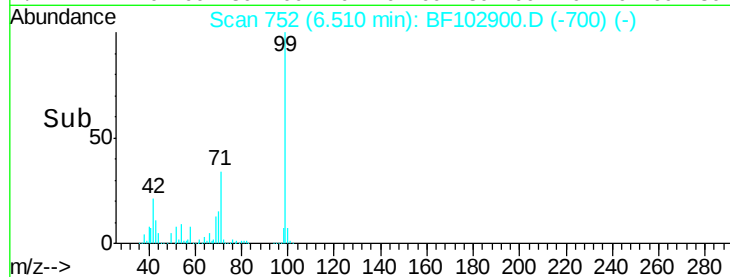
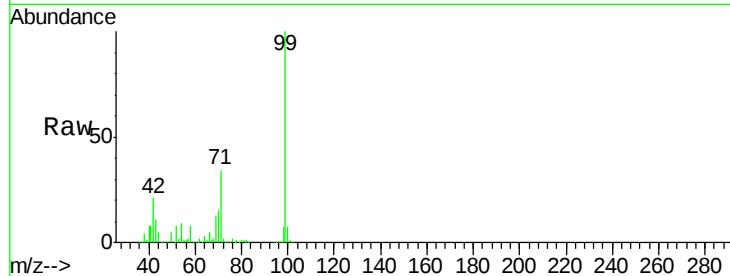
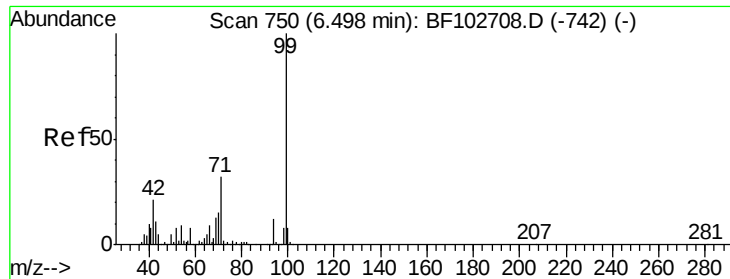


#5

2-Fluorophenol
Concen: 107.818 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF102900.D
Acq: 9 Feb 2018 20:26

Tgt Ion:112 Resp: 1124533
Ion Ratio Lower Upper
112 100
64 67.8 47.9 71.9
63 35.1 23.7 35.5





#7

Phenol-d6

Concen: 104.284 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102900.D

Acq: 9 Feb 2018 20:26

Instrument :

BNA_F

ClientSampleId :

B-20(8-10)

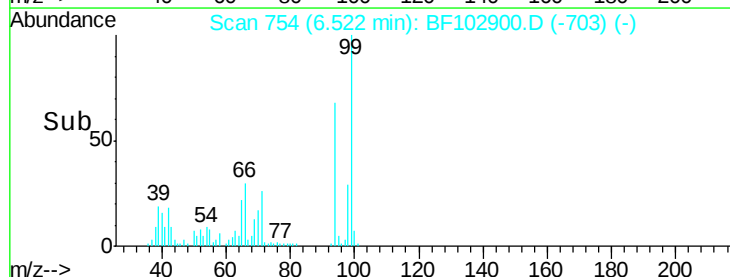
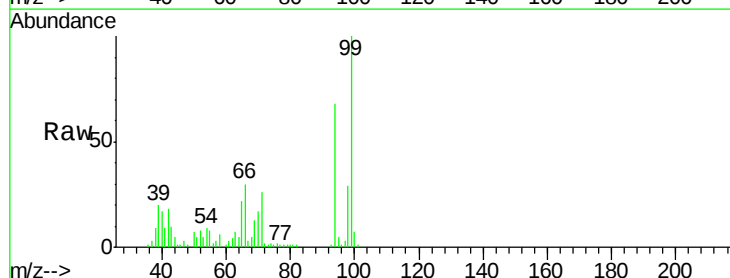
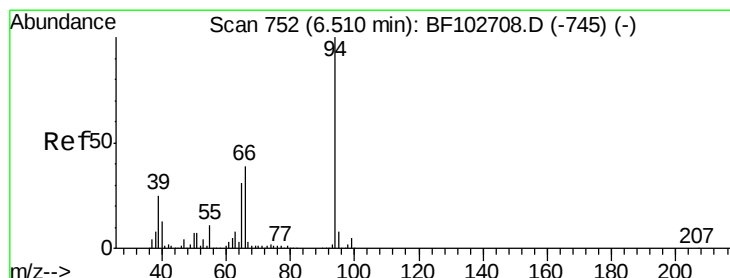
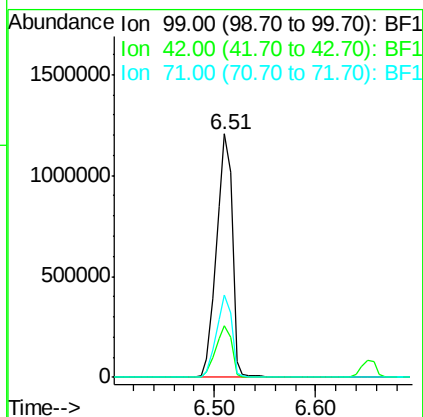
Tot Ion: 99 Resp: 1309635

Ion Ratio Lower Upper

99 100

42 21.4 14.5 21.7

71 33.8 25.4 38.0



#10

Phenol

Concen: 2.218 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF102900.D

Acq: 9 Feb 2018 20:26

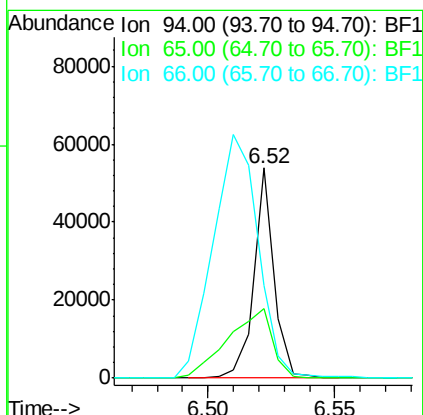
Tgt Ion: 94 Resp: 29849

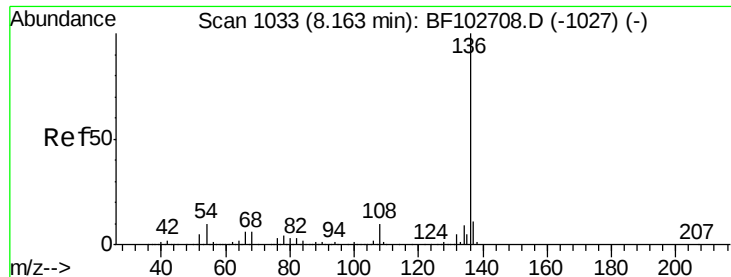
Ion Ratio Lower Upper

94 100

65 32.9 7.9 47.9

66 43.9 16.2 56.2

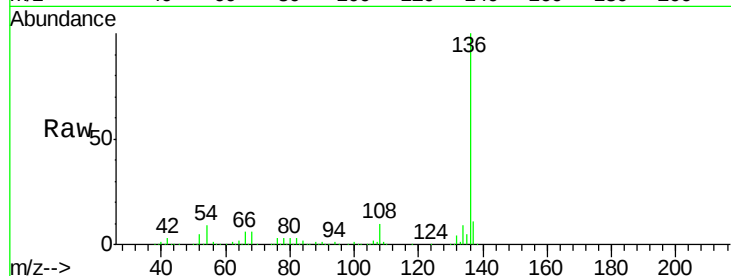




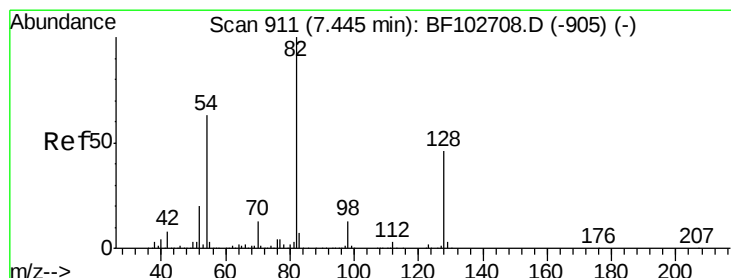
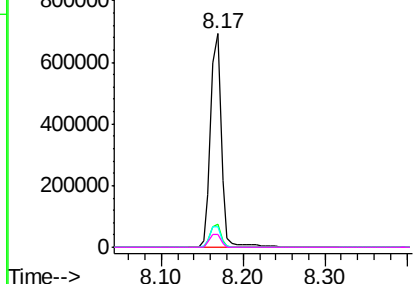
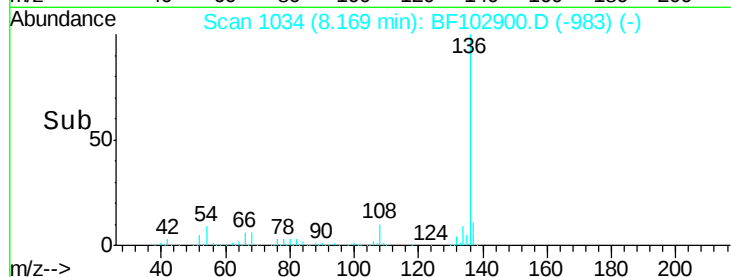
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF102900.D
Acq: 9 Feb 2018 20:26

Instrument :
BNA_F
ClientSampleId :
B-20(8-10)

Tot Ion:136	Resp:	639160	
Ion Ratio	Lower	Upper	
136 100			
137 10.8	8.9	13.3	
54 9.4	6.6	9.8	
68 6.1	5.0	7.4	

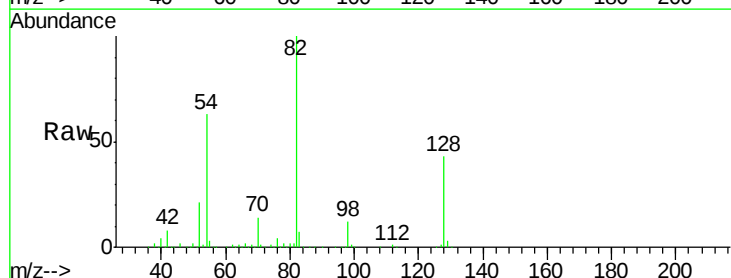


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

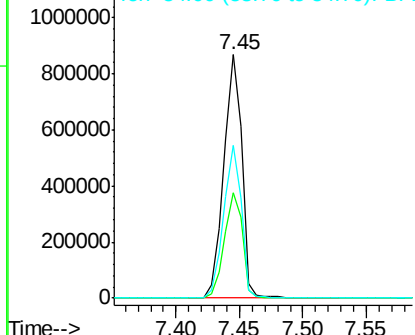
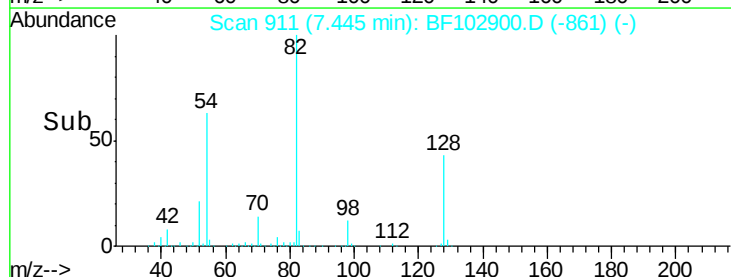


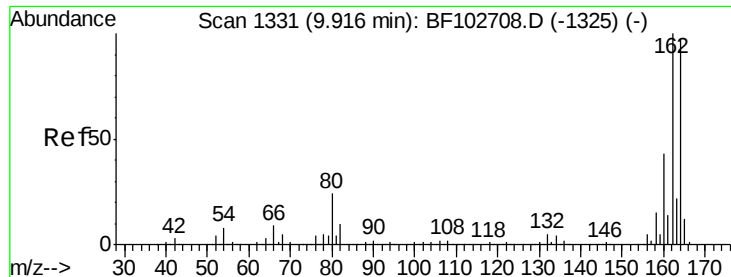
#23
Nitrobenzene-d5
Concen: 93.615 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF102900.D
Acq: 9 Feb 2018 20:26

Tgt Ion: 82	Resp: 862545
Ion Ratio	Lower Upper
82 100	
128 43.5	36.1 54.1
54 62.7	41.4 62.2#



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.00 min

Lab File: BF102900.D

Acq: 9 Feb 2018 20:26

Instrument :

BNA_F

ClientSampleId :

B-20(8-10)

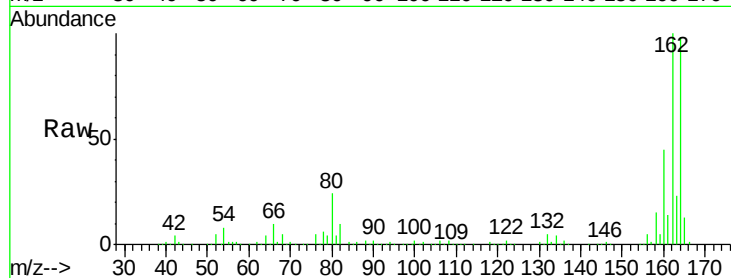
Tot Ion:164 Resp: 258929

Ion Ratio Lower Upper

164 100

162 101.5 86.1 129.1

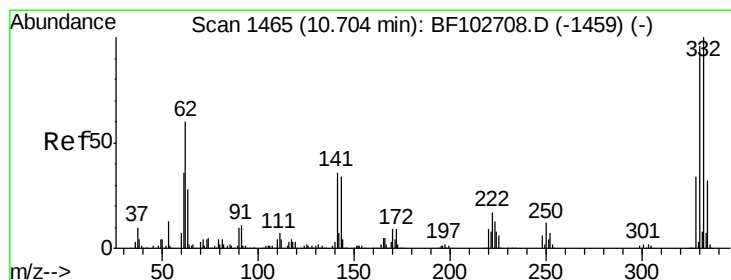
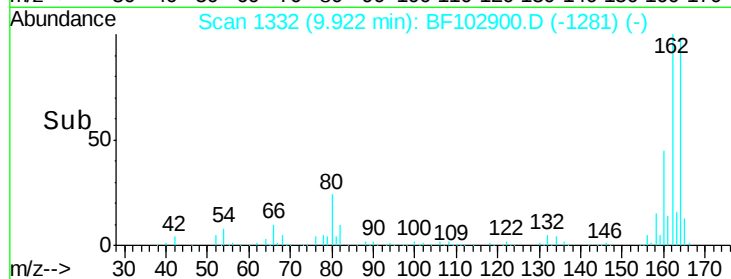
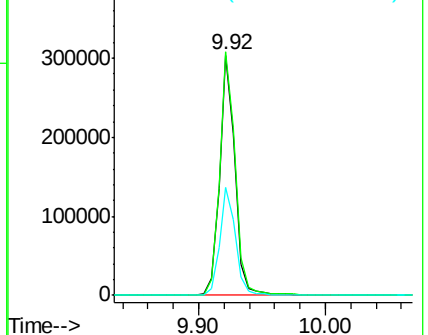
160 45.3 38.3 57.5



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: 99.360 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.01 min

Lab File: BF102900.D

Acq: 9 Feb 2018 20:26

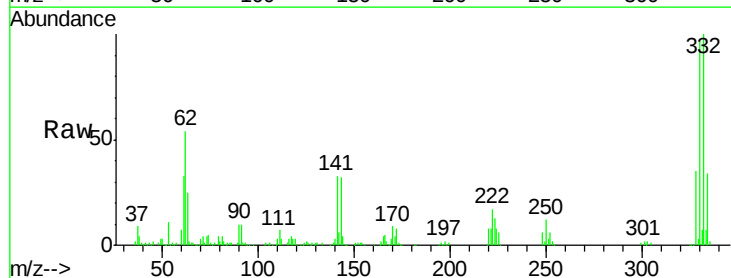
Tgt Ion:330 Resp: 207073

Ion Ratio Lower Upper

330 100

332 100.8 77.0 115.6

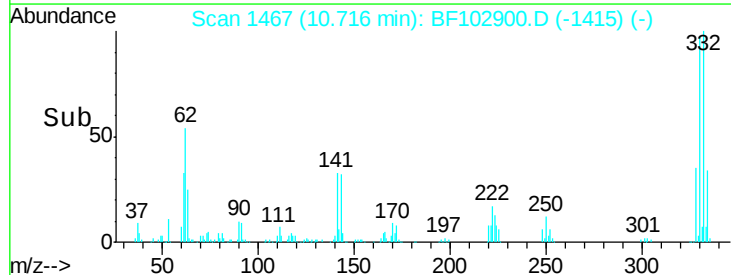
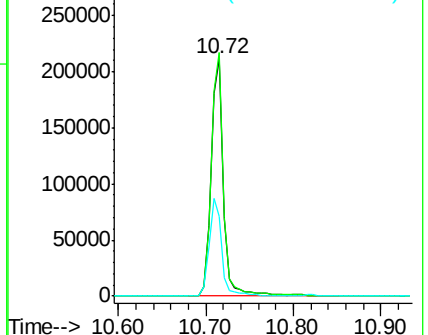
141 41.7 29.9 44.9

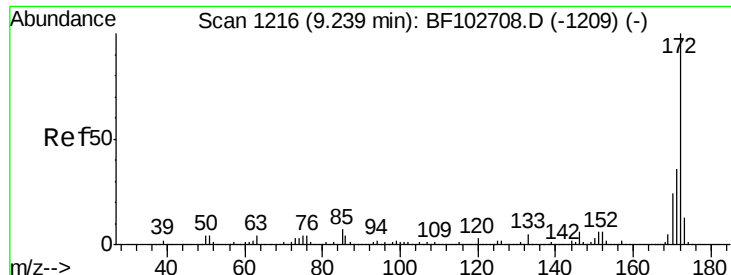


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

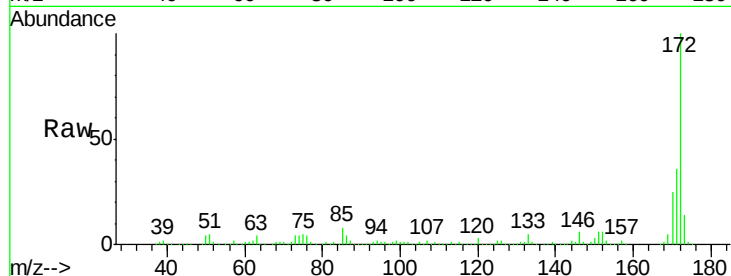




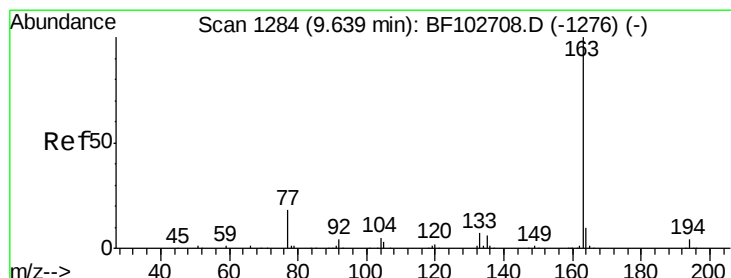
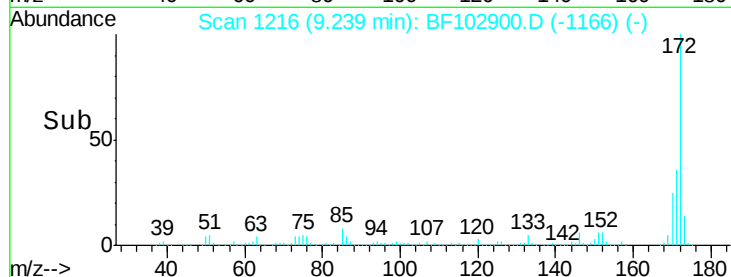
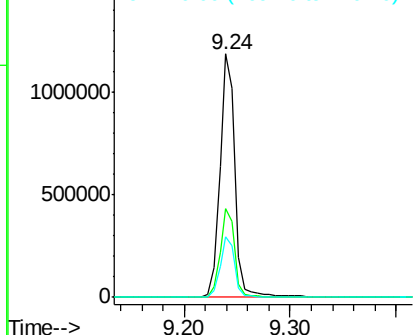
#44
2-Fluorobiphenyl
Concen: 76.020 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF102900.D
Acq: 9 Feb 2018 20:26

Instrument :
BNA_F
ClientSampleId :
B-20(8-10)

Tot Ion:172 Resp: 1186230
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 24.7 19.6 29.4

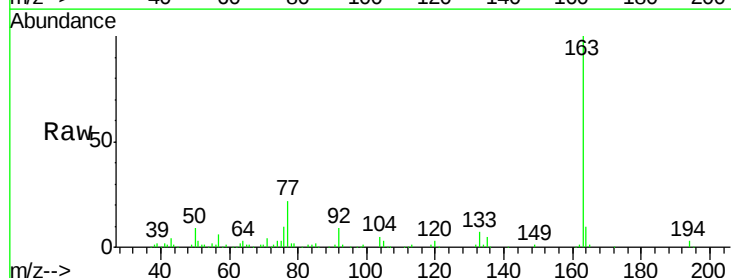


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

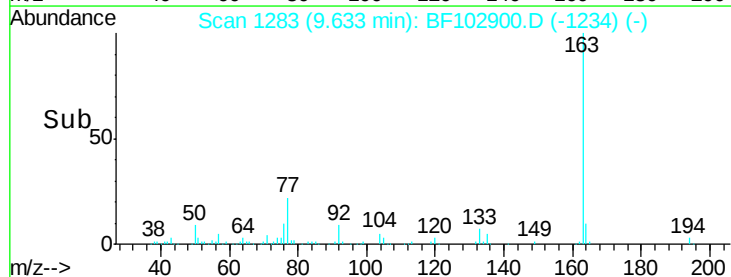
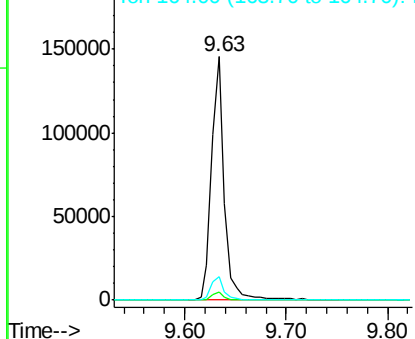


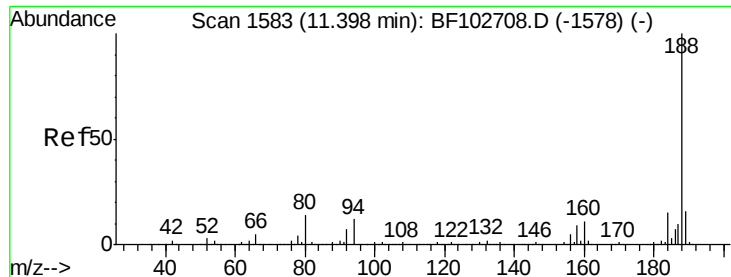
#49
Dimethylphthalate
Concen: 6.348 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF102900.D
Acq: 9 Feb 2018 20:26

Tgt Ion:163 Resp: 128167
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 9.6 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: 11.41 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BF102900.D

Acq: 9 Feb 2018 20:26

Instrument :

BNA_F

ClientSampleId :

B-20(8-10)

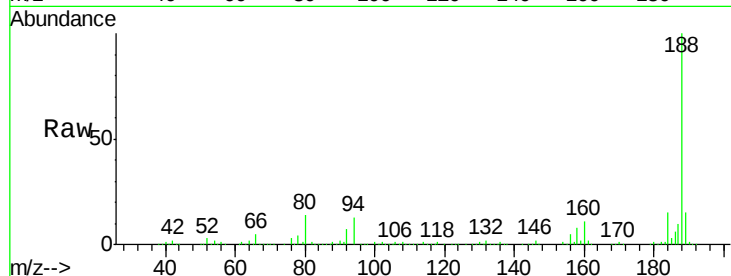
Tot Ion:188 Resp: 381983

Ion Ratio Lower Upper

188 100

94 13.4 8.5 12.7#

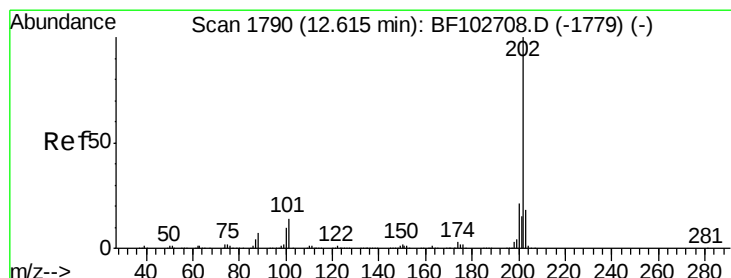
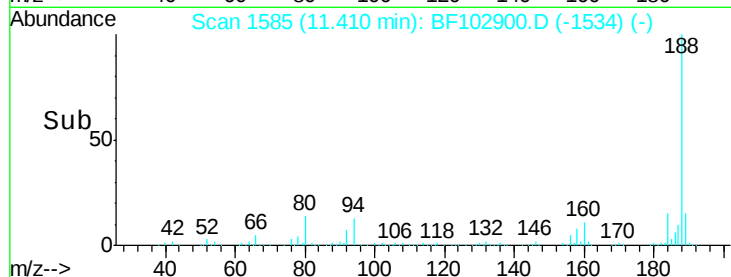
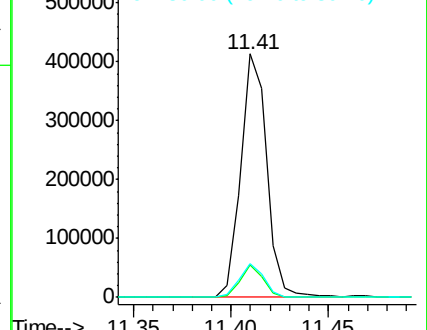
80 13.9 9.2 13.8#



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: 2.440 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF102900.D

Acq: 9 Feb 2018 20:26

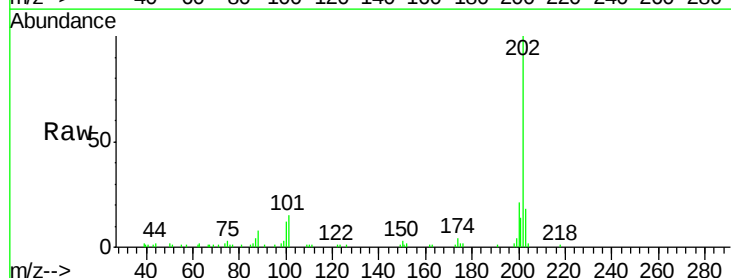
Tgt Ion:202 Resp: 52228

Ion Ratio Lower Upper

202 100

101 15.3 0.0 34.1

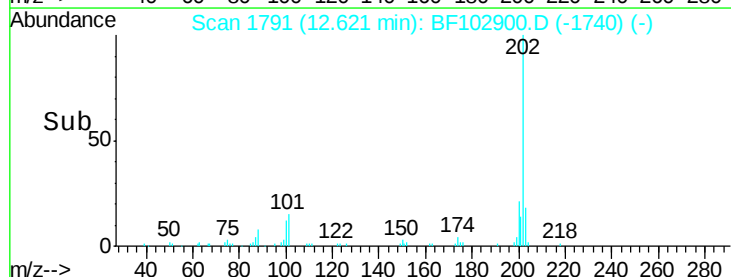
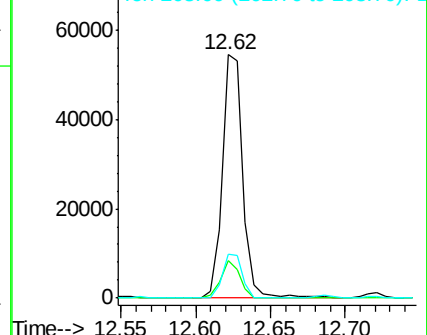
203 18.2 0.0 38.1

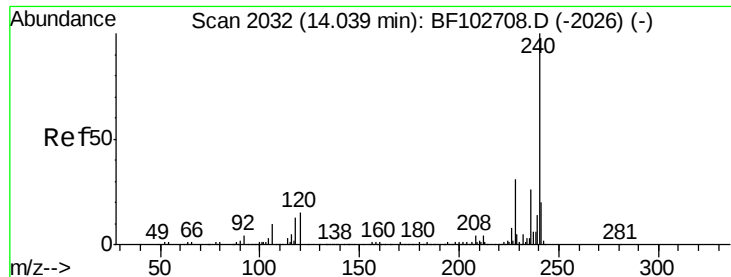


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

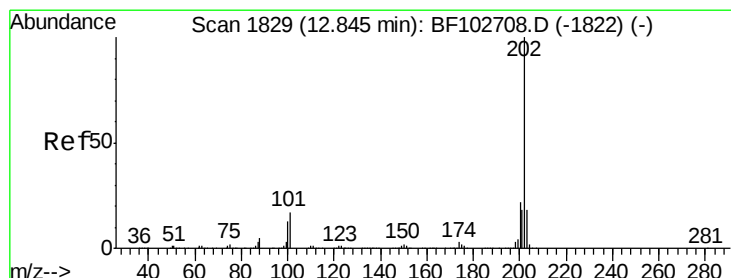
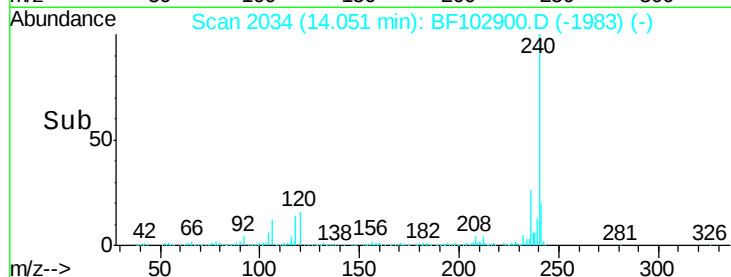
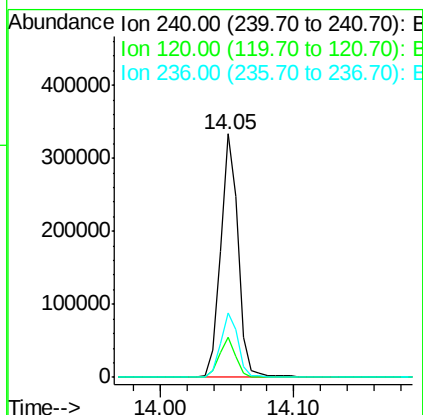
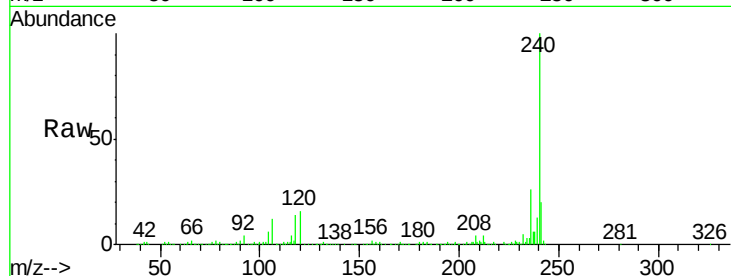




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BF102900.D
Acq: 9 Feb 2018 20:26

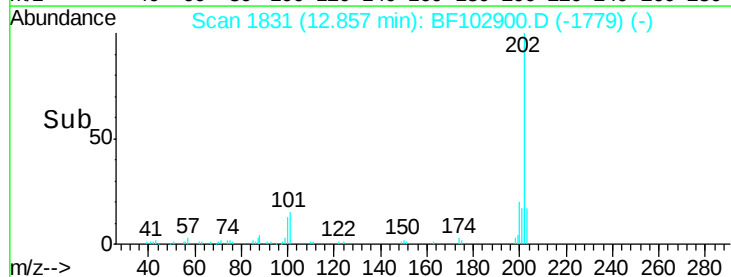
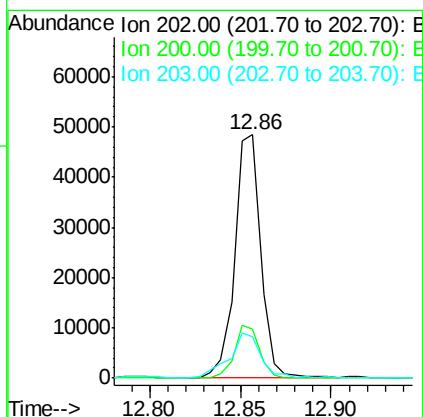
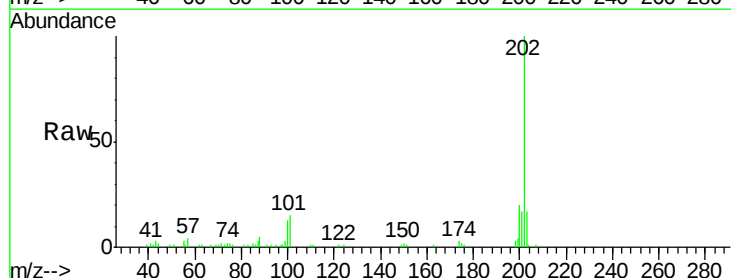
Instrument :
BNA_F
ClientSampleId :
B-20(8-10)

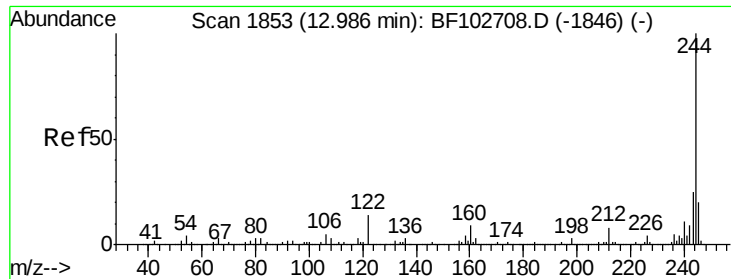
Tot Ion:240 Resp: 309360
Ion Ratio Lower Upper
240 100
120 16.4 9.5 14.3#
236 26.2 20.7 31.1



#77
Pyrene
Concen: 2.006 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.01 min
Lab File: BF102900.D
Acq: 9 Feb 2018 20:26

Tgt Ion:202 Resp: 48653
Ion Ratio Lower Upper
202 100
200 20.3 17.4 26.2
203 17.1 14.3 21.5





#78

Terphenyl-d14

Concen: 62.906 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF102900.D

Acq: 9 Feb 2018 20:26

Instrument :

BNA_F

ClientSampleId :

B-20(8-10)

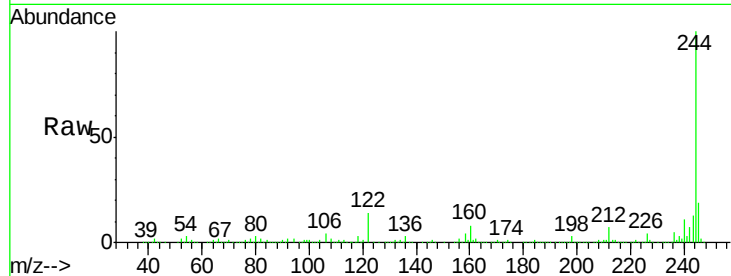
Tot Ion:244 Resp: 821895

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

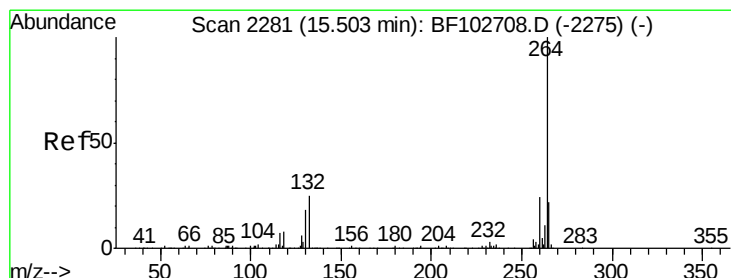
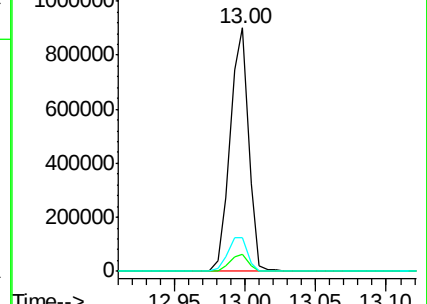
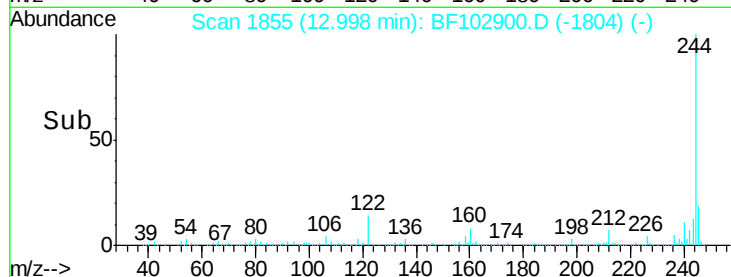
122 13.7 11.0 16.4



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: 15.54 min Scan# 2287

Delta R.T. 0.01 min

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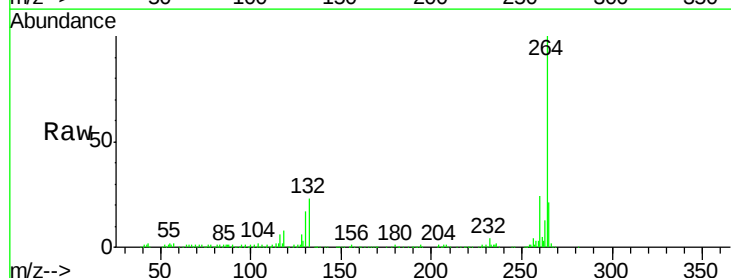
Tgt Ion:264 Resp: 287594

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.0 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

