

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042418\
 Data File : BF104761.D
 Acq On : 24 Apr 2018 17:27
 Operator : JU/SJ
 Sample : J2151-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-042318-A

Quant Time: Apr 25 12:35:58 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 15:38:25 2018
 Response via : Initial Calibration

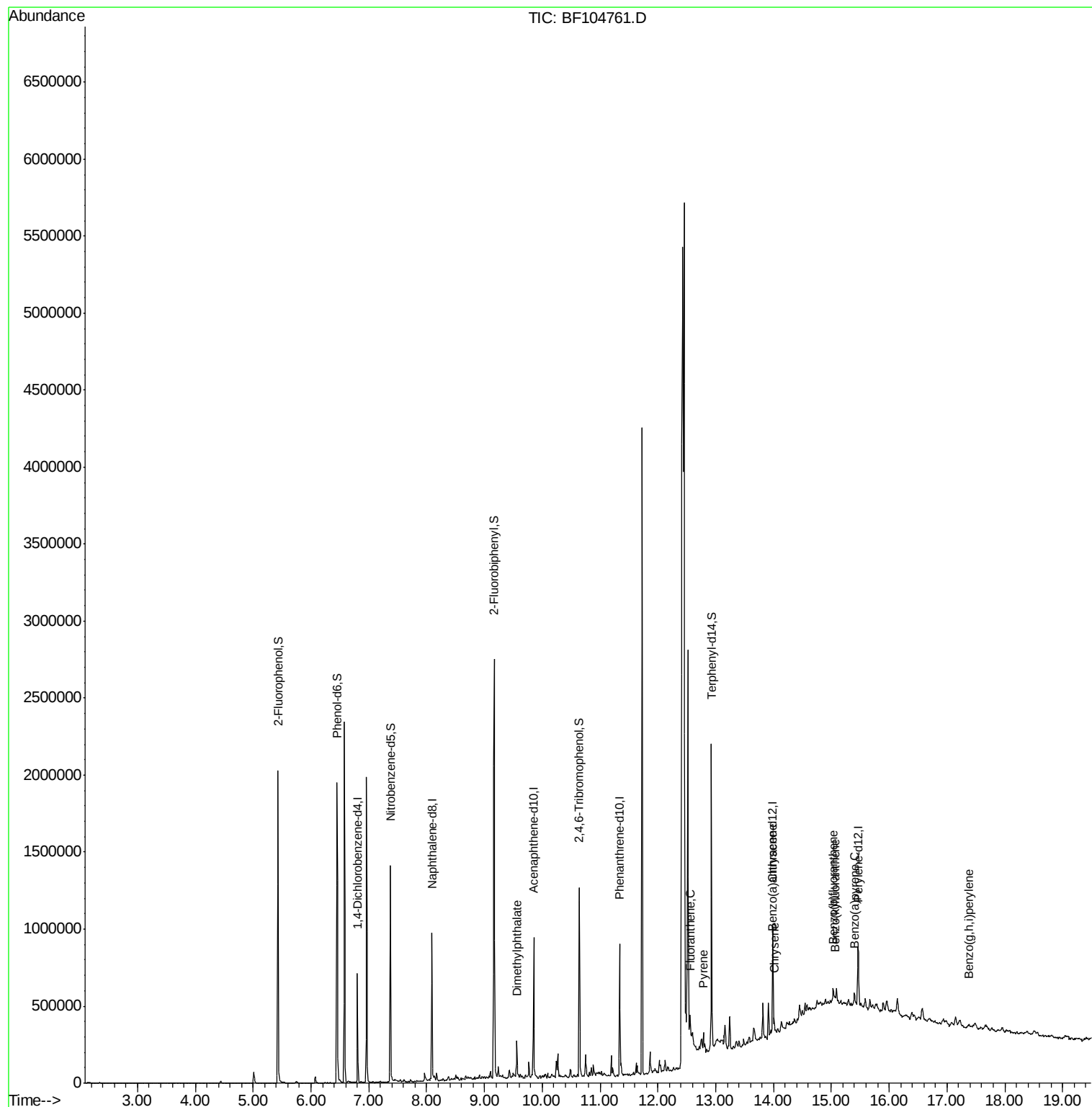
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	102619	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	425711	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	183740	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	284073	20.00	ng	0.00
75) Chrysene-d12	13.99	240	233139	20.00	ng	0.00
86) Perylene-d12	15.46	264	153267	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	590091	87.93	ng	0.01
7) Phenol-d6	6.45	99	725103	87.93	ng	0.00
23) Nitrobenzene-d5	7.37	82	442939	67.94	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	158839	83.34	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	832451	71.57	ng	0.00
78) Terphenyl-d14	12.93	244	667481	65.27	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.56	163	85985	5.934	ng	99
74) Fluoranthene	12.56	202	42949	2.598	ng	100
77) Pyrene	12.79	202	40473	2.342	ng	98
80) Benzo(a)anthracene	13.97	228	28054	2.014	ng	# 92
82) Chrysene	14.02	228	39420	2.755	ng	# 96
87) Benzo(b)fluoranthene	15.03	252	40643	4.199	ng	# 84
88) Benzo(k)fluoranthene	15.06	252	24918	2.727	ng	# 78
89) Benzo(a)pyrene	15.40	252	19761	2.282	ng	# 60
91) Benzo(g,h,i)perylene	17.38	276	18901	2.743	ng	# 83

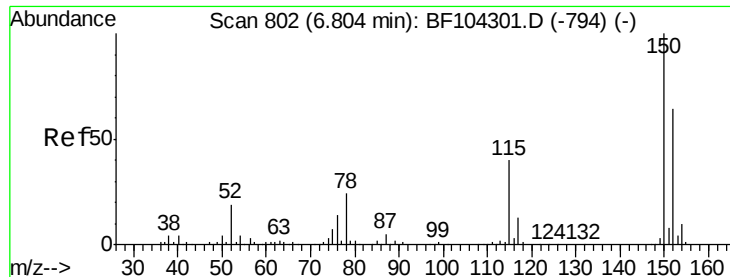
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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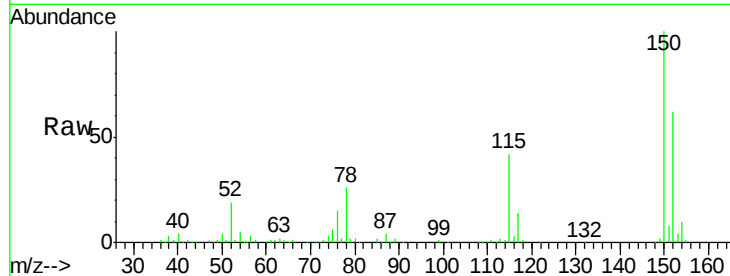


#1

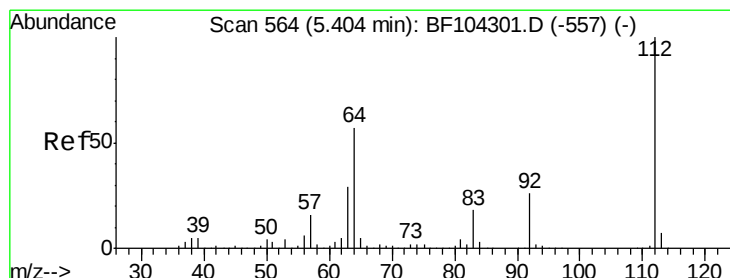
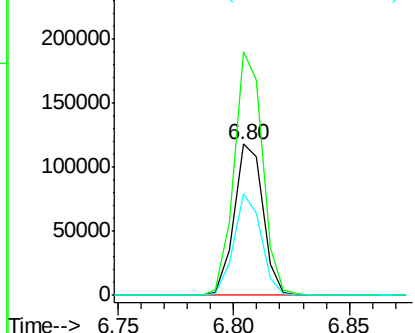
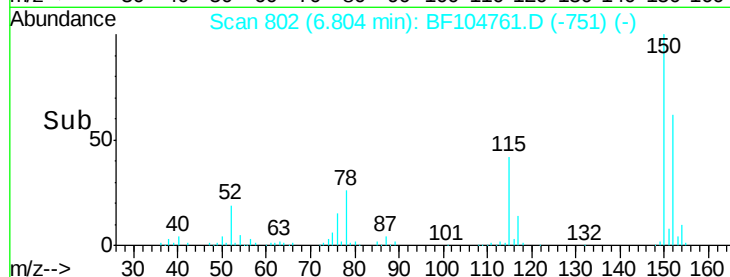
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF104761.D
 Acq: 24 Apr 2018 17:27

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-042318-A

Tot Ion:152 Resp: 102619
 Ion Ratio Lower Upper
 152 100
 150 161.0 124.6 186.8
 115 67.2 50.1 75.1



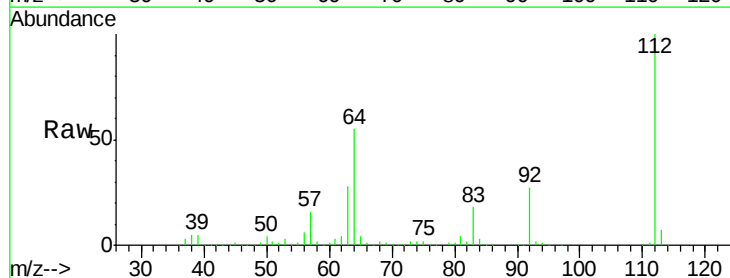
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



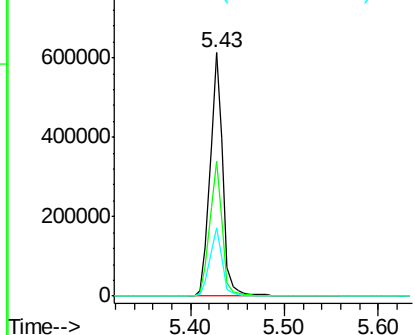
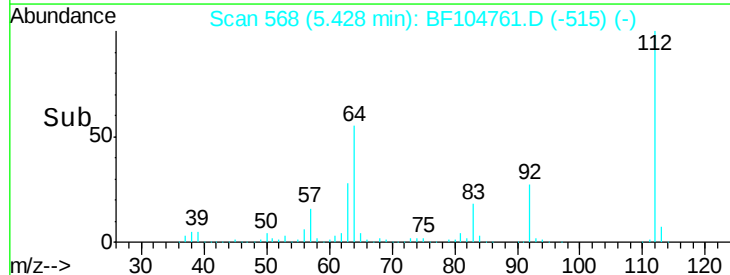
#5

2-Fluorophenol
 Concen: 87.925 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.01 min
 Lab File: BF104761.D
 Acq: 24 Apr 2018 17:27

Tgt Ion:112 Resp: 590091
 Ion Ratio Lower Upper
 112 100
 64 55.5 47.9 71.9
 63 28.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 87.934 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF104761.D

Acq: 24 Apr 2018 17:27

Instrument :

BNA_F

ClientSampleId :

AU-05-042318-A

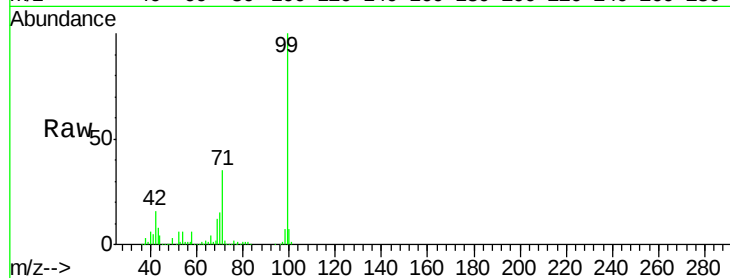
Tot Ion: 99 Resp: 725103

Ion Ratio Lower Upper

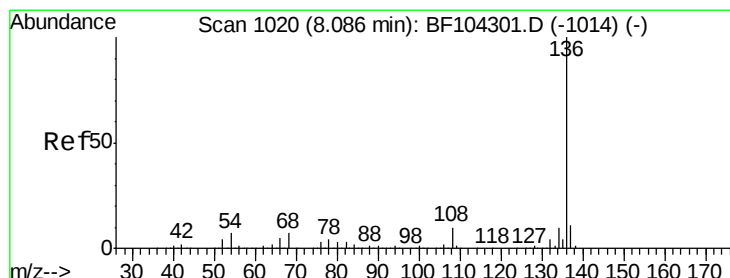
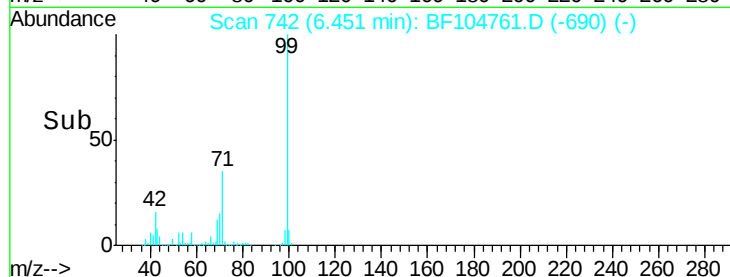
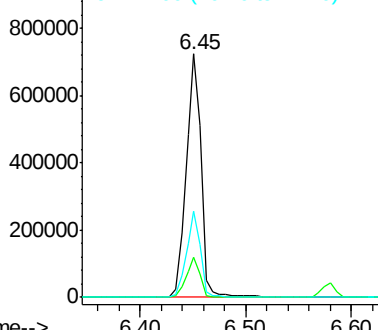
99 100

42 16.4 14.5 21.7

71 35.2 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: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF104761.D

Acq: 24 Apr 2018 17:27

Tgt Ion: 136 Resp: 425711

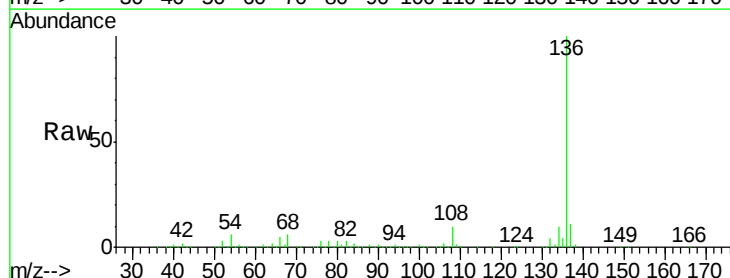
Ion Ratio Lower Upper

136 100

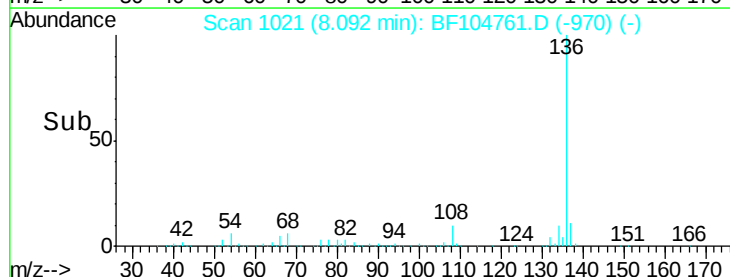
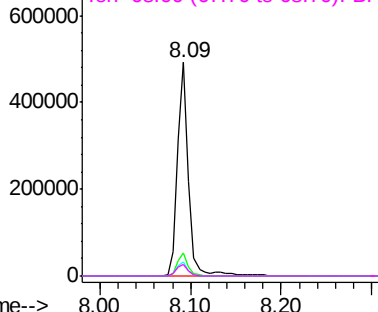
137 11.1 8.9 13.3

54 6.3 6.6 9.8#

68 5.6 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

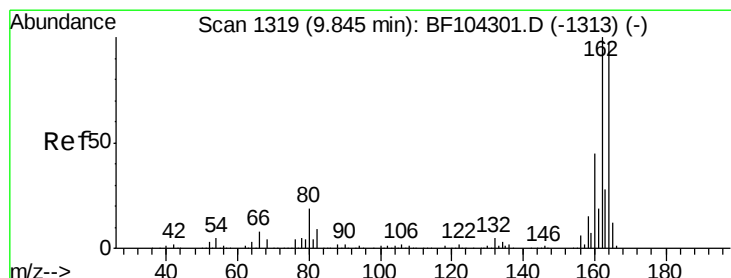
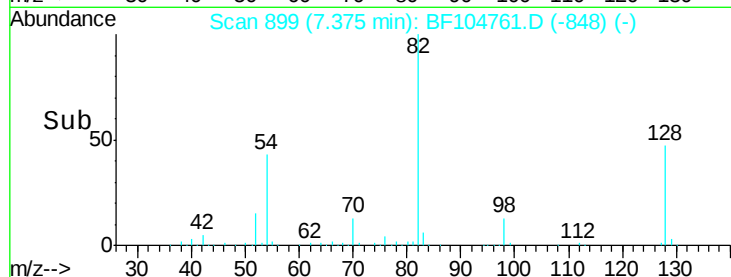
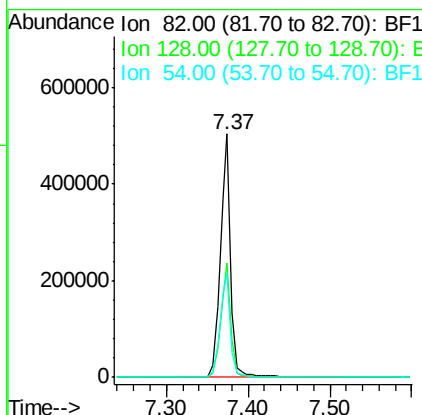
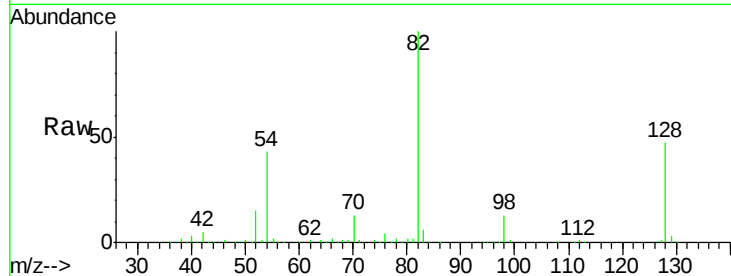




#23
 Nitrobenzene-d5
 Concen: 67.941 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: BF104761.D
 Acq: 24 Apr 2018 17:27

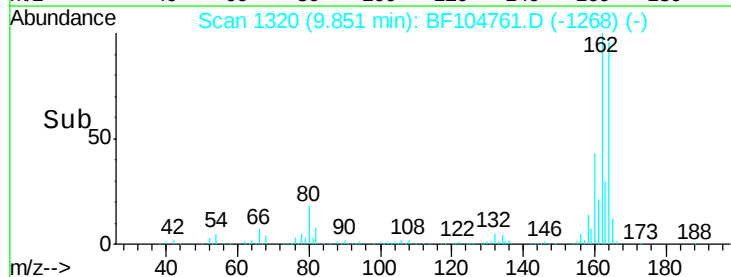
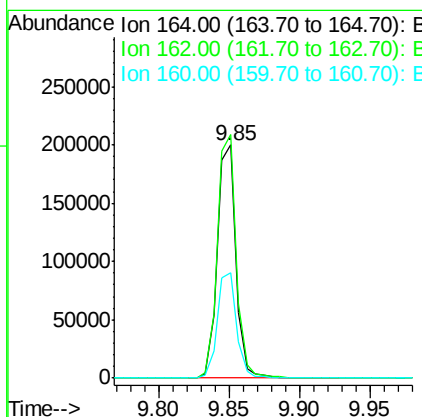
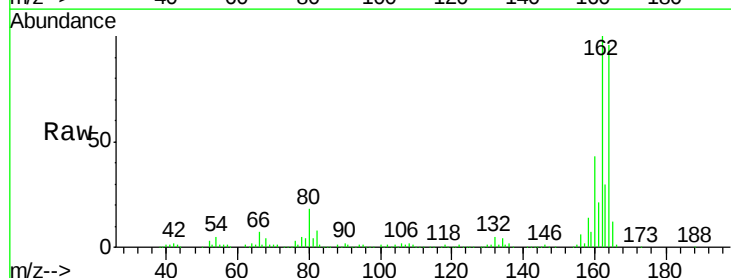
Instrument :
 BNA_F
 ClientSampleId :
 AU-05-042318-A

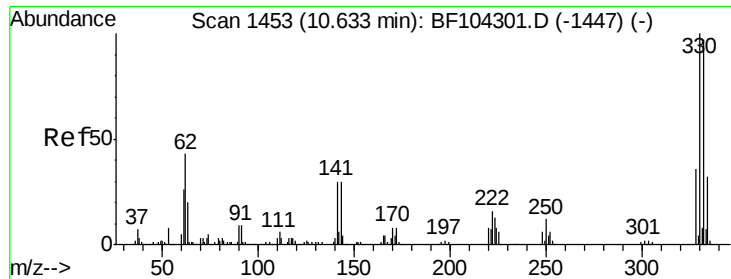
Tot Ion	82	Resp	442939
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
54	42.9	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.01 min
 Lab File: BF104761.D
 Acq: 24 Apr 2018 17:27

Tgt Ion	164	Resp	183740
Ion Ratio	100		
Lower	86.1		
Upper	129.1		
162	104.5	38.3	57.5

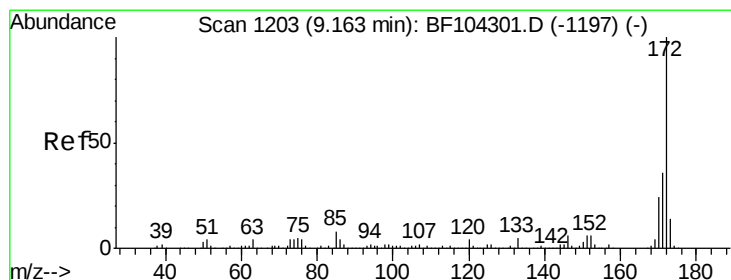
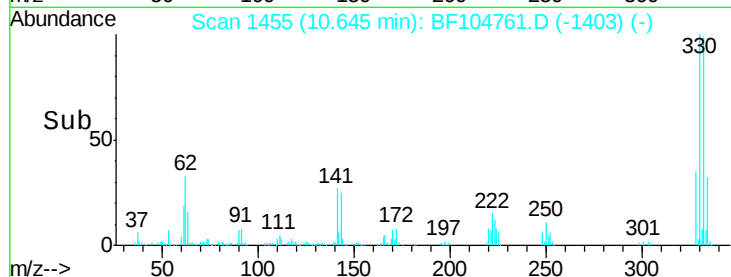
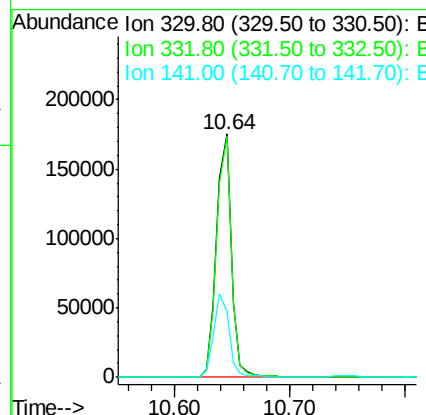
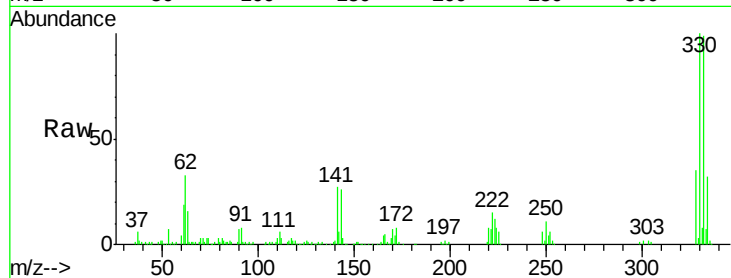




#41
 2,4,6-Tribromophenol
 Concen: 83.337 ng
 RT: 10.64 min Scan# 1455
 Delta R.T. 0.01 min
 Lab File: BF104761.D
 Acq: 24 Apr 2018 17:27

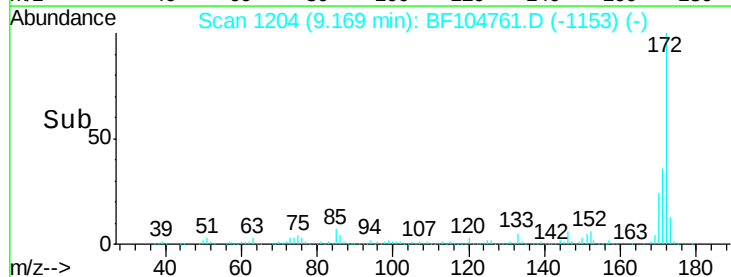
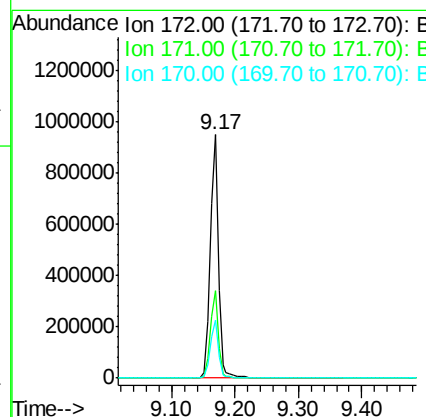
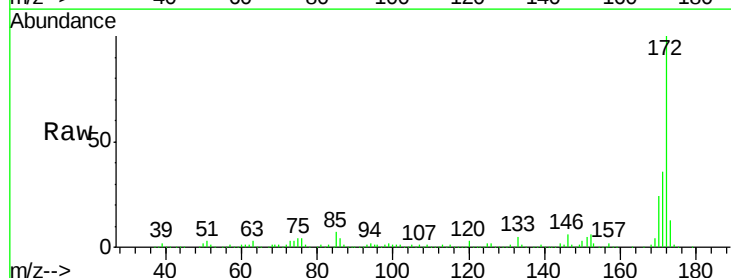
Instrument :
 BNA_F
 ClientSampleId :
 AU-05-042318-A

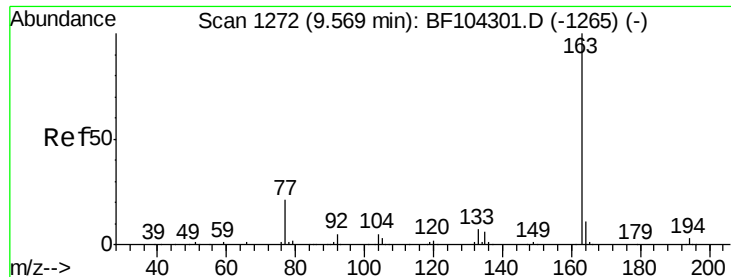
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.0	115.6
141	34.6	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 71.572 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF104761.D
 Acq: 24 Apr 2018 17:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.7	19.6	29.4

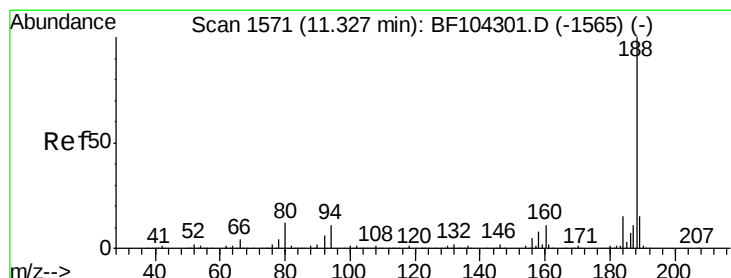
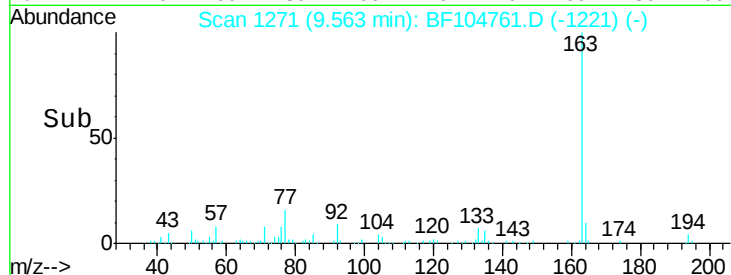
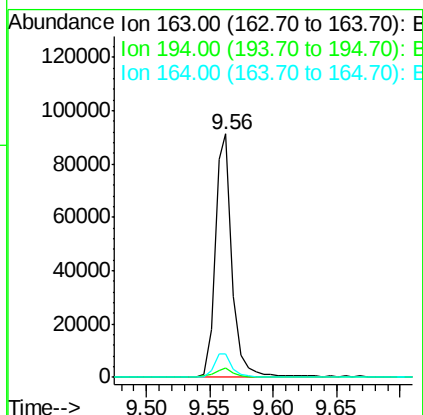
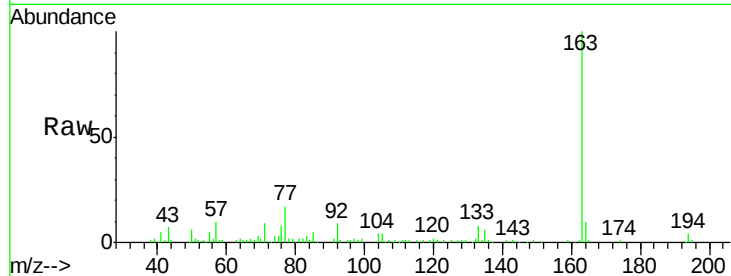




#49
Dimethylphthalate
Concen: 5.934 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF104761.D
Acq: 24 Apr 2018 17:27

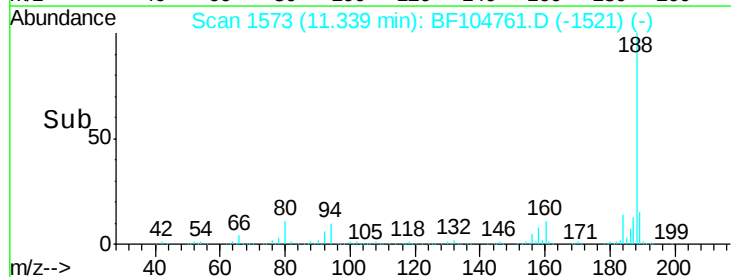
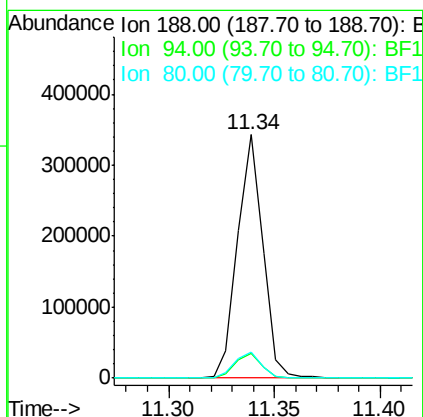
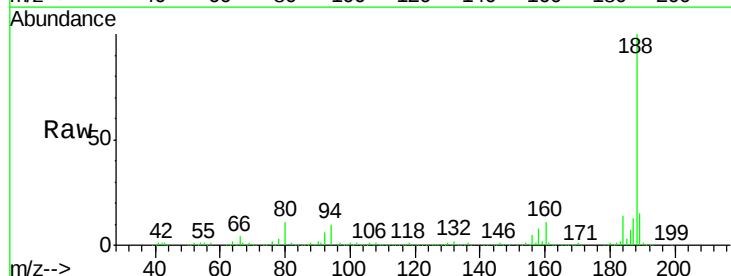
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ClientSampleId :
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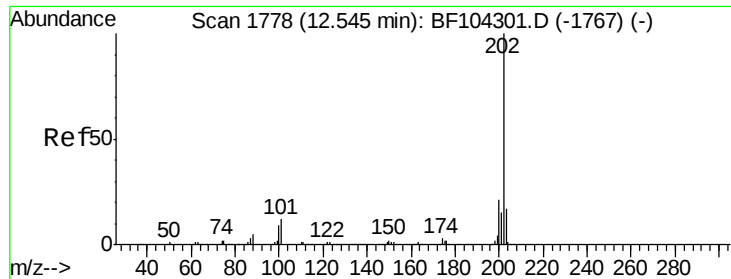
Tot Ion:163 Resp: 85985
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.7 8.2 12.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF104761.D
Acq: 24 Apr 2018 17:27

Tgt Ion:188 Resp: 284073
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 10.9 9.2 13.8





#74

Fluoranthene

Concen: 2.598 ng

RT: 12.56 min Scan# 1780

Delta R.T. 0.01 min

Lab File: BF104761.D

Acq: 24 Apr 2018 17:27

Instrument :

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ClientSampleId :

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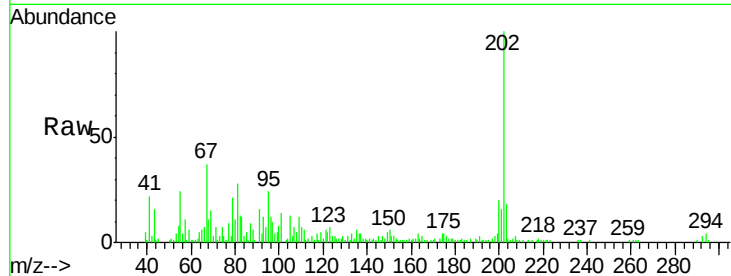
Tot Ion:202 Resp: 42949

Ion Ratio Lower Upper

202 100

101 13.9 0.0 34.1

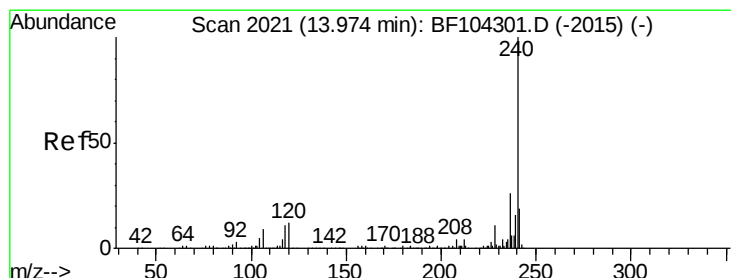
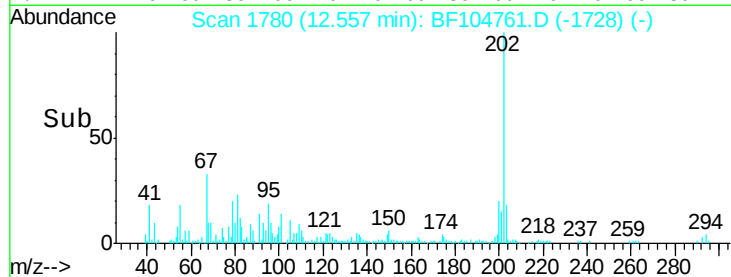
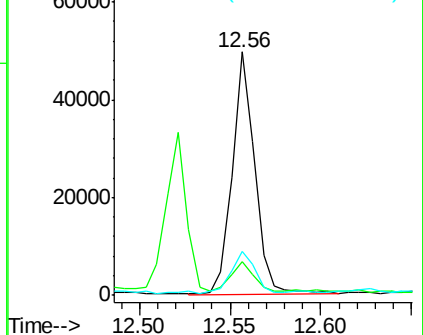
203 18.2 0.0 38.1



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: 13.99 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BF104761.D

Acq: 24 Apr 2018 17:27

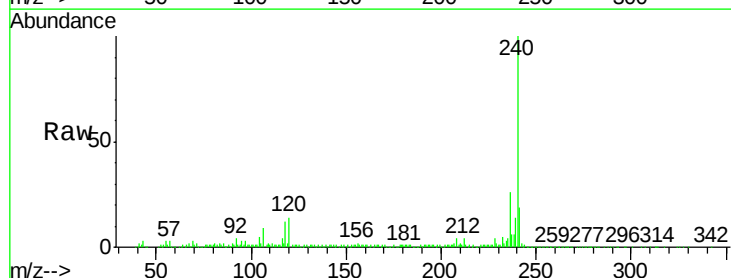
Tgt Ion:240 Resp: 233139

Ion Ratio Lower Upper

240 100

120 13.6 9.5 14.3

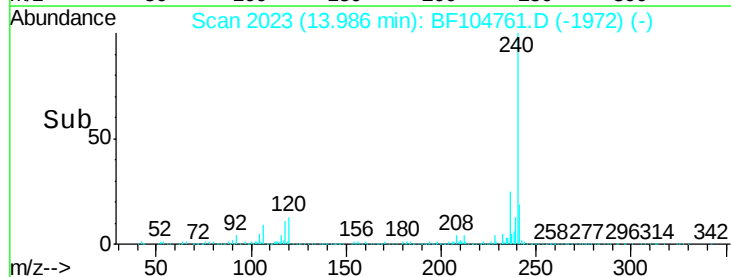
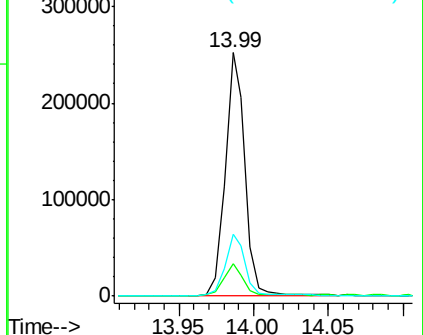
236 25.5 20.7 31.1

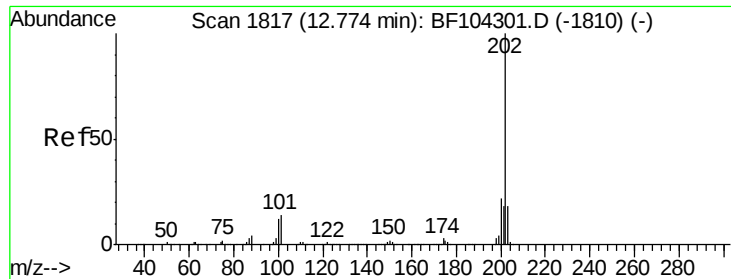


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 2.342 ng

RT: 12.79 min Scan# 1820

Delta R.T. 0.01 min

Lab File: BF104761.D

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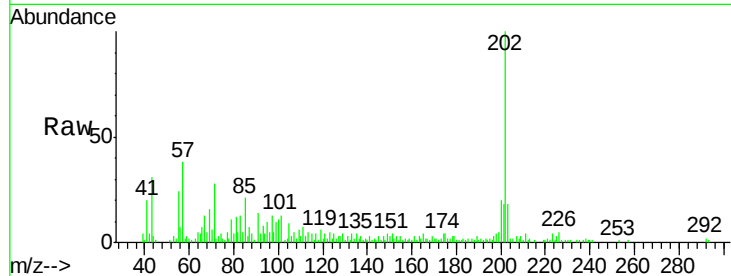
Tot Ion:202 Resp: 40473

Ion Ratio Lower Upper

202 100

200 20.2 17.4 26.2

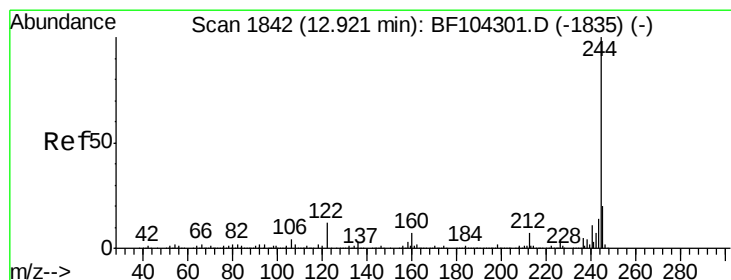
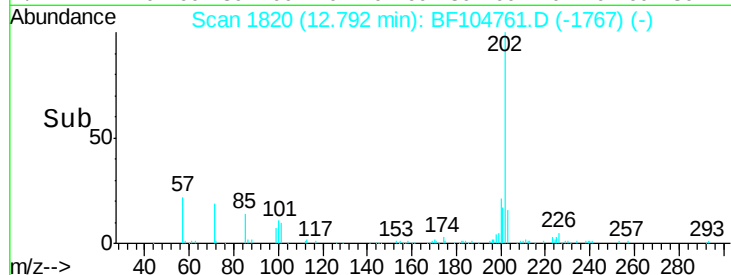
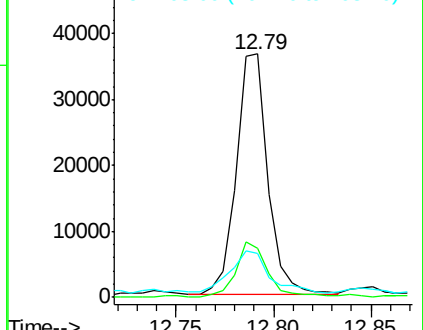
203 18.0 14.3 21.5



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



#78

Terphenyl-d14

Concen: 65.272 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF104761.D

Acq: 24 Apr 2018 17:27

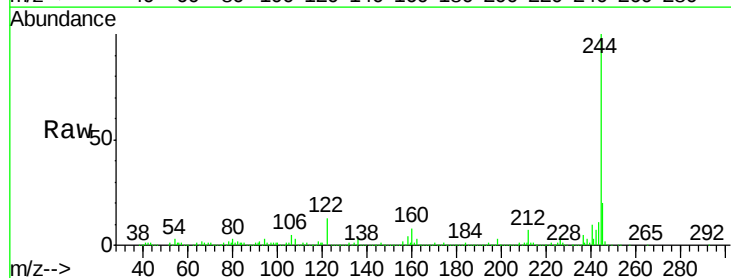
Tgt Ion:244 Resp: 667481

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

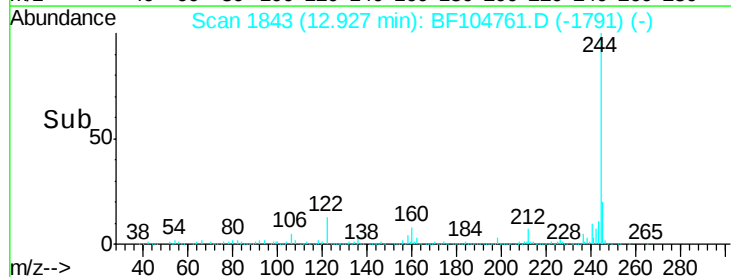
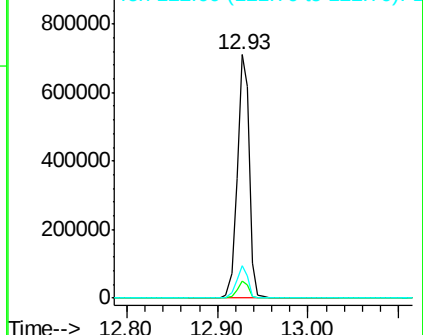
122 13.5 11.0 16.4

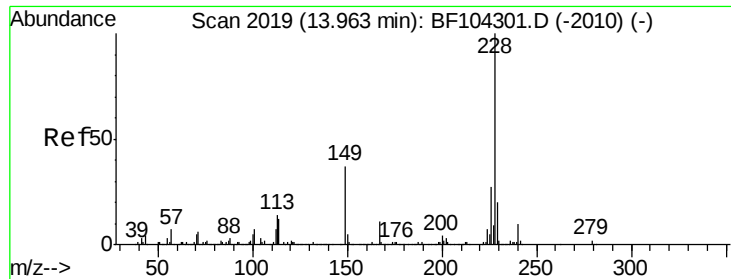


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

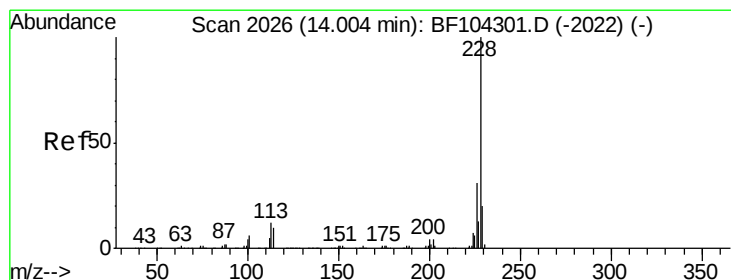
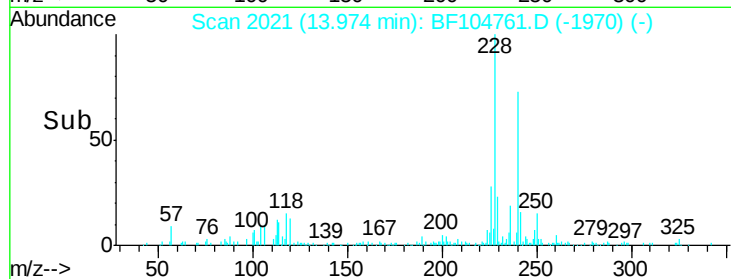
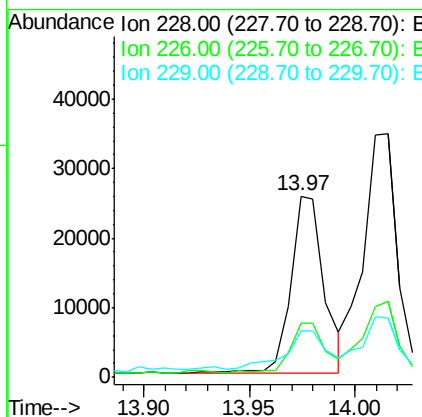
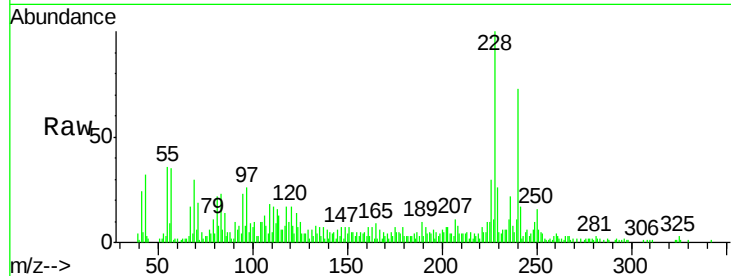




#80
Benzo(a)anthracene
Concen: 2.014 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BF104761.D
Acq: 24 Apr 2018 17:27

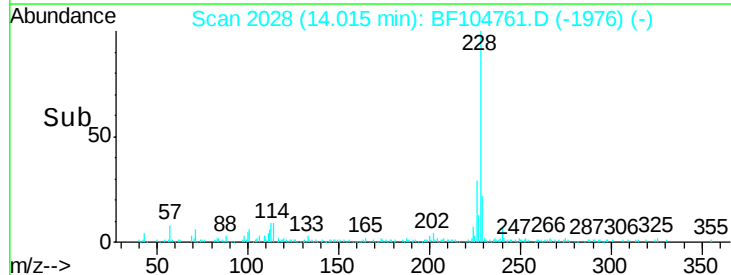
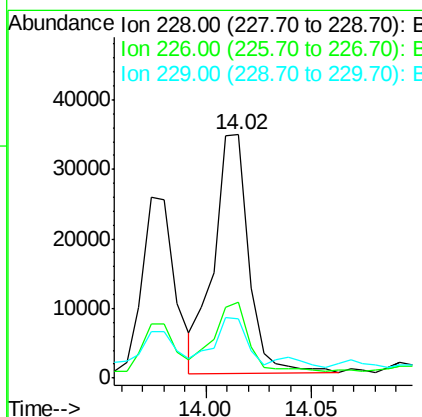
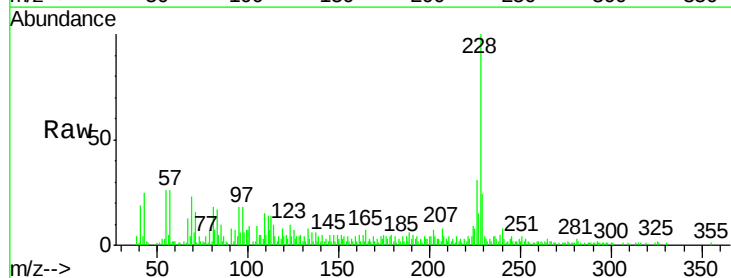
Instrument :
BNA_F
ClientSampleId :
AU-05-042318-A

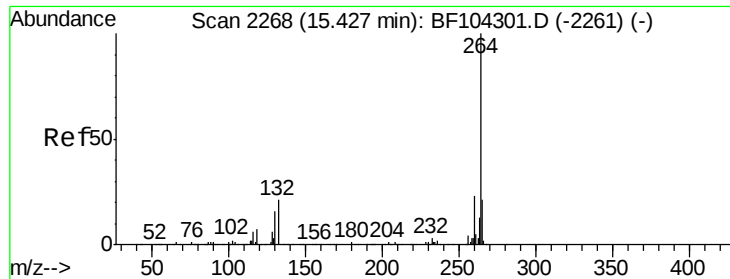
Tot Ion:228 Resp: 28054
Ion Ratio Lower Upper
228 100
226 30.0 22.6 33.8
229 25.9 15.8 23.6#



#82
Chrysene
Concen: 2.755 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF104761.D
Acq: 24 Apr 2018 17:27

Tgt Ion:228 Resp: 39420
Ion Ratio Lower Upper
228 100
226 31.2 25.0 37.6
229 24.5 16.2 24.4#

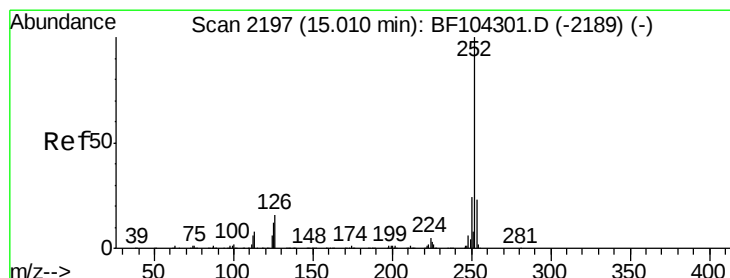
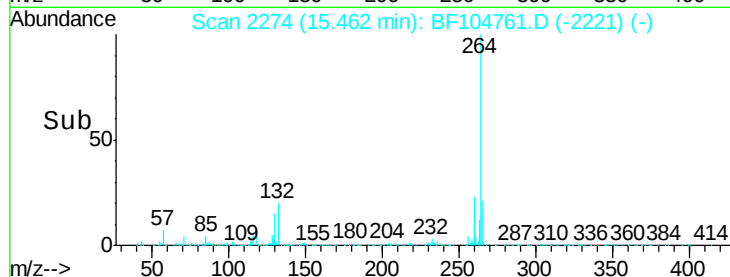
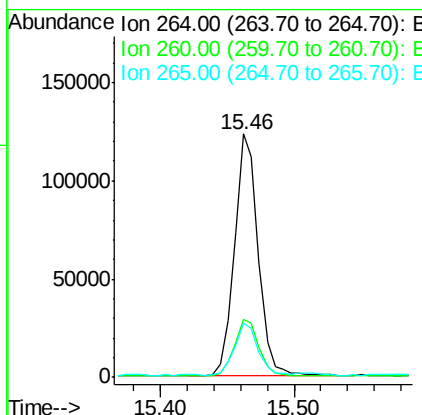
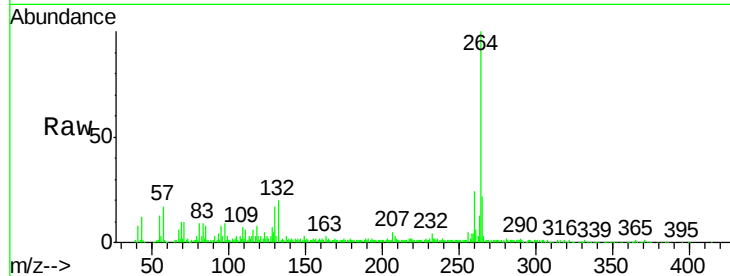




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF104761.D
Acq: 24 Apr 2018 17:27

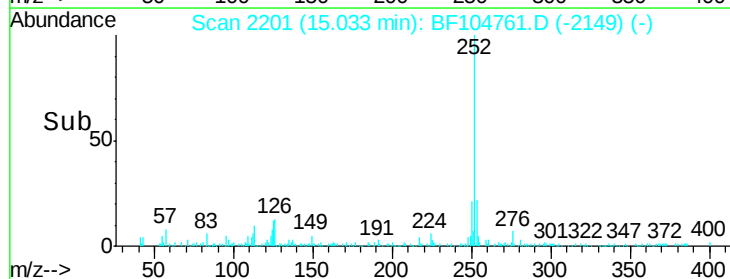
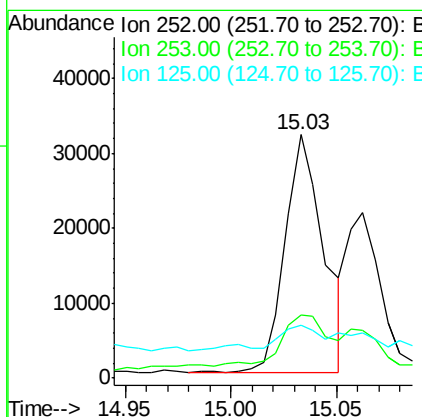
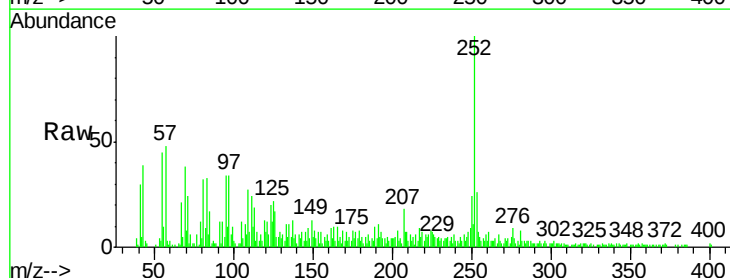
Instrument :
BNA_F
ClientSampleId :
AU-05-042318-A

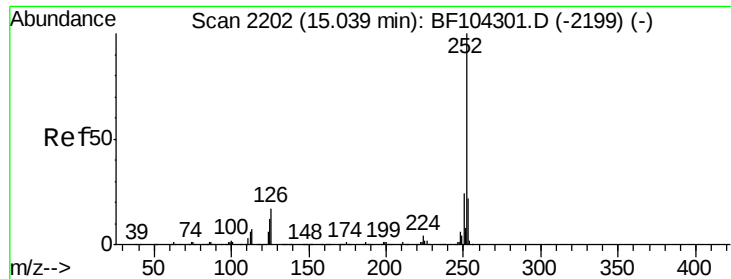
Tot Ion:264 Resp: 153267
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 22.0 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 4.199 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF104761.D
Acq: 24 Apr 2018 17:27

Tgt Ion:252 Resp: 40643
Ion Ratio Lower Upper
252 100
253 25.9 17.0 25.6#
125 21.6 9.0 13.6#

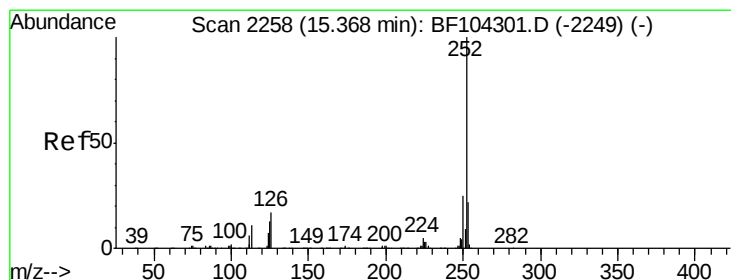
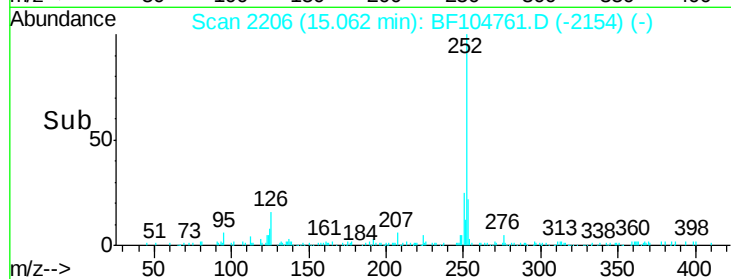
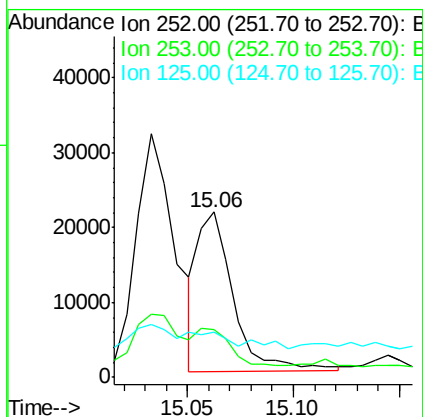
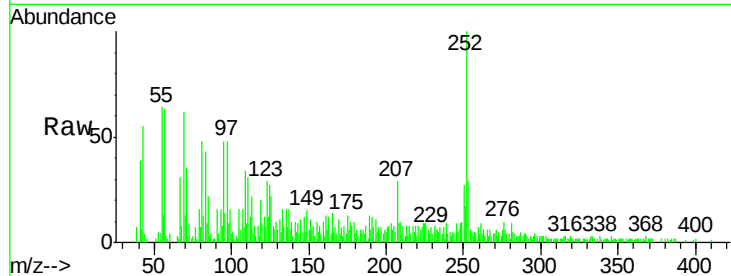




#88
Benzo(k)fluoranthene
Concen: 2.727 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF104761.D
Acq: 24 Apr 2018 17:27

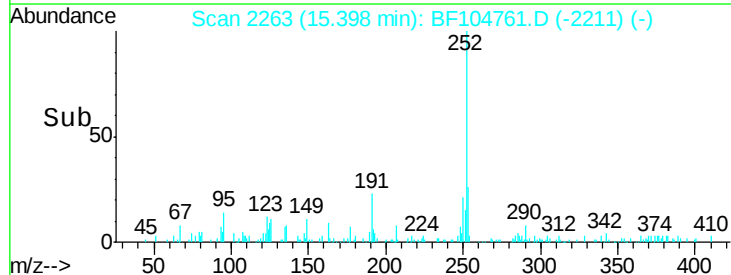
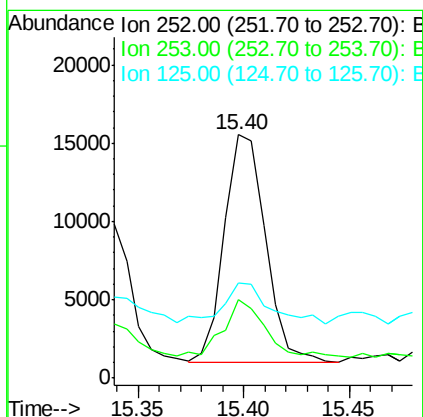
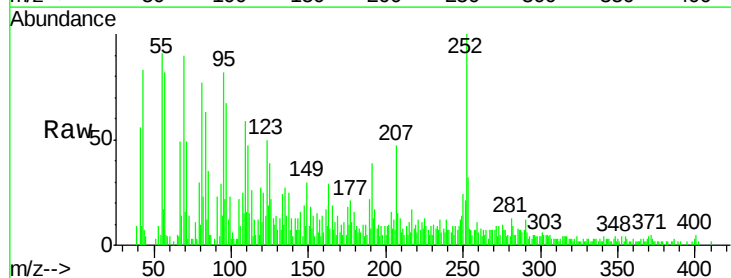
Instrument :
BNA_F
ClientSampleId :
AU-05-042318-A

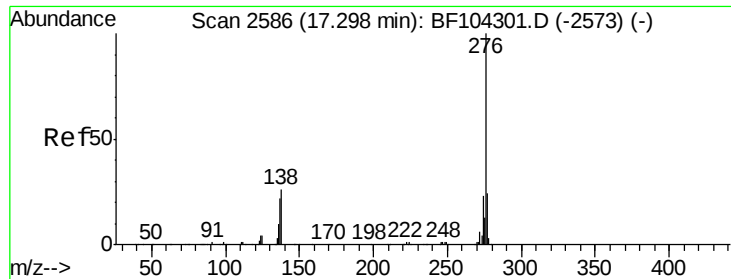
Tot Ion:252 Resp: 24918
Ion Ratio Lower Upper
252 100
253 28.9 17.9 26.9#
125 27.0 10.2 15.2#



#89
Benzo(a)pyrene
Concen: 2.282 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF104761.D
Acq: 24 Apr 2018 17:27

Tgt Ion:252 Resp: 19761
Ion Ratio Lower Upper
252 100
253 32.1 17.1 25.7#
125 39.2 9.8 14.6#





#91

Benzo(a,h,i)perylene

Concen: 2.743 ng

RT: 17.38 min Scan# 2600

Delta R.T. 0.03 min

Lab File: BF104761.D

Acq: 24 Apr 2018 17:27

Instrument :

BNA_F

ClientSampleId :

AU-05-042318-A

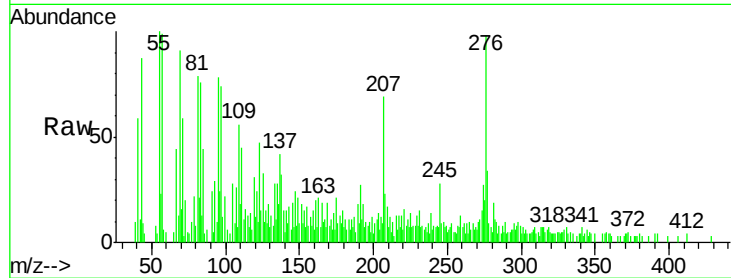
Tot Ion: 276 Resp: 18901

Ion Ratio Lower Upper

276 100

277 34.5 17.9 26.9#

138 32.9 21.8 32.8#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

