

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF010518\
 Data File : BF101918.D
 Acq On : 5 Jan 2018 10:05
 Operator : SJ/JU
 Sample : J1033-01 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-1(5)

Quant Time: Jan 05 12:14:38 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 04 14:22:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	125920	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	507827	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	211692	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	345050	20.00	ng	0.00
75) Chrysene-d12	13.96	240	226580	20.00	ng	0.00
86) Perylene-d12	15.43	264	270322	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	186578	22.07	ng	0.04
7) Phenol-d6	6.46	99	243823	23.18	ng	0.04
23) Nitrobenzene-d5	7.35	82	150816	16.53	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	20966	10.28	ng	0.01
44) 2-Fluorobiphenyl	9.12	172	252733	18.52	ng	0.00
78) Terphenyl-d14	12.88	244	159271	16.95	ng	0.00

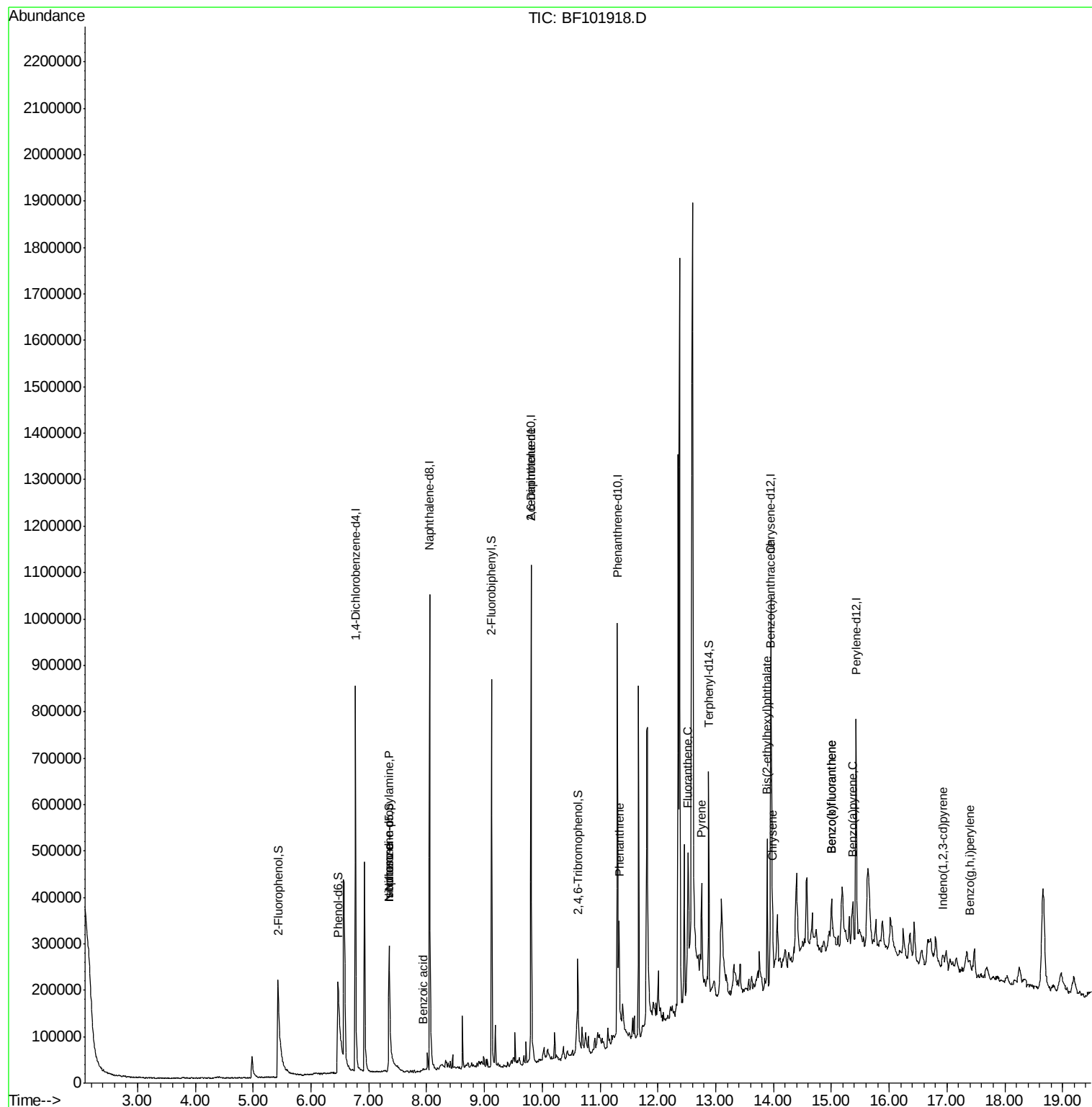
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.35	70	23075	3.340	ng	# 87
25) Isophorone	7.35	82	150816	8.241	ng	# 65
32) Benzoic acid	7.95	122	142	7.985	ng	89
50) 2,6-Dinitrotoluene	9.80	165	28295	8.176	ng	# 26
70) Phenanthrene	11.33	178	86165	4.490	ng	97
74) Fluoranthene	12.53	202	86957	4.317	ng	97
77) Pyrene	12.76	202	74542	4.384	ng	100
80) Benzo(a)anthracene	13.94	228	38845	2.596	ng	# 93
82) Chrysene	13.99	228	37046	2.622	ng	95
83) Bis(2-ethylhexyl)phthalate	13.89	149	75698	7.767	ng	98
85) Indeno(1,2,3-cd)pyrene	16.93	276	30159	2.397	ng	# 92
87) Benzo(b)fluoranthene	15.01	252	67196	4.078	ng	# 91
88) Benzo(k)fluoranthene	15.01	252	67393	4.207	ng	# 94
89) Benzo(a)pyrene	15.37	252	38038	2.504	ng	# 88
91) Benzo(g,h,i)perylene	17.39	276	26582	2.058	ng	95

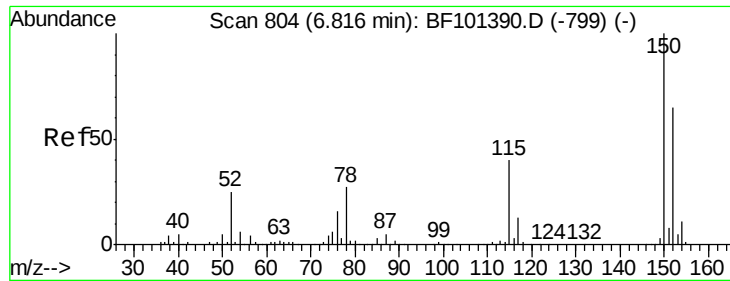
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF010518\
Data File : BF101918.D
Acq On : 5 Jan 2018 10:05
Operator : SJ/JU
Sample : J1033-01 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-1(5)

Quant Time: Jan 05 12:14:38 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 04 14:22:17 2018
Response via : Initial Calibration



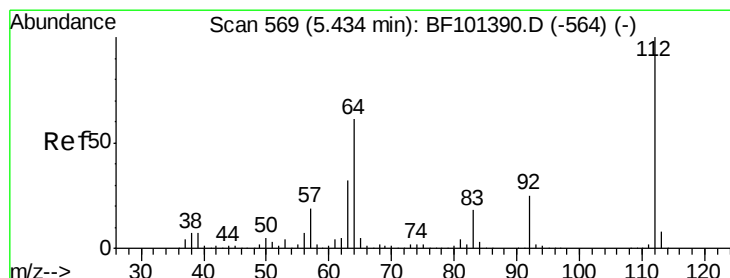
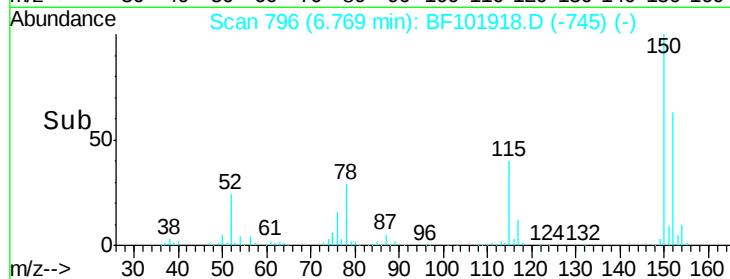
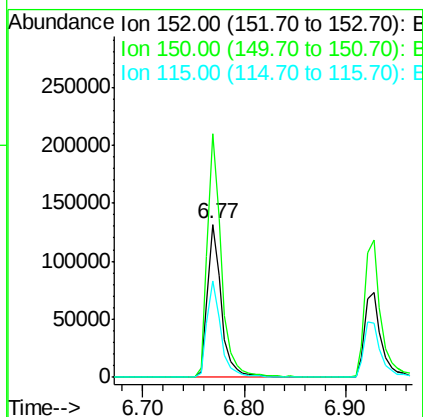
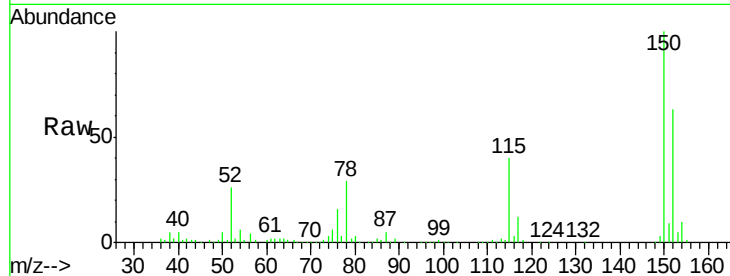


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF101918.D
Acq: 5 Jan 2018 10:05

Instrument :
BNA_F
ClientSampleId :
B-1(5)

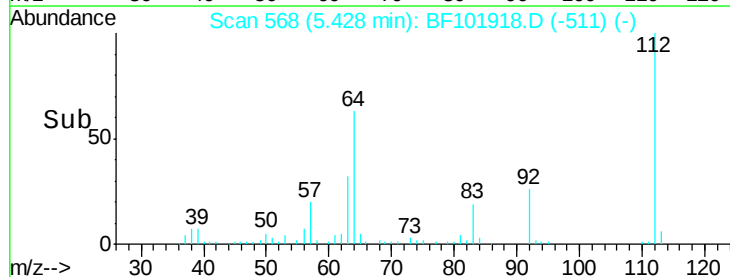
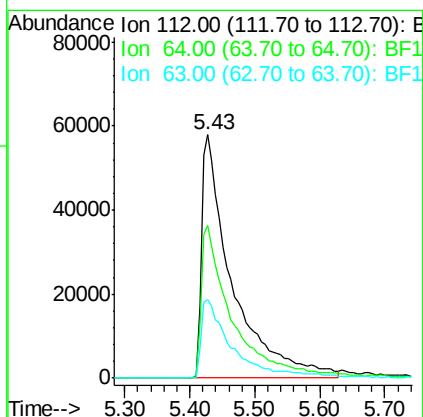
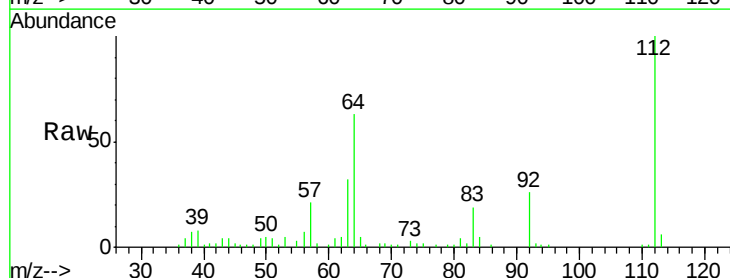
Tgt Ion:152 Resp: 125920
Ion Ratio Lower Upper
152 100
150 159.1 124.6 186.8
115 63.1 50.1 75.1

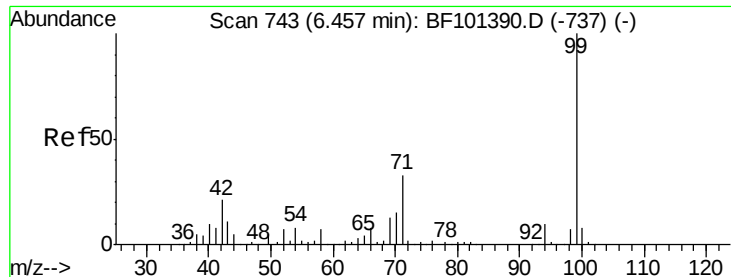


#5

2-Fluorophenol
Concen: 22.071 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.04 min
Lab File: BF101918.D
Acq: 5 Jan 2018 10:05

Tgt Ion:112 Resp: 186578
Ion Ratio Lower Upper
112 100
64 62.8 47.9 71.9
63 32.4 23.7 35.5





#7

Phenol-d6

Concen: 23.176 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.04 min

Lab File: BF101918.D

Acq: 5 Jan 2018 10:05

Instrument :

BNA_F

ClientSampleId :

B-1(5)

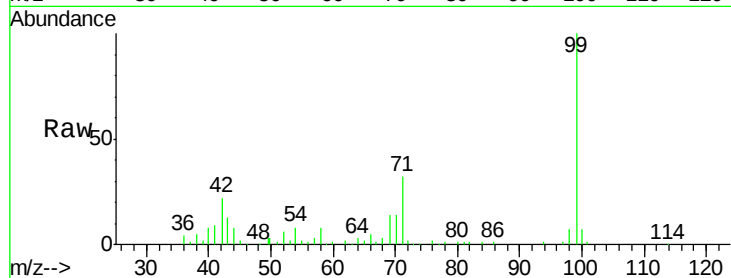
Tgt Ion: 99 Resp: 243823

Ion Ratio Lower Upper

99 100

42 21.8 14.5 21.7#

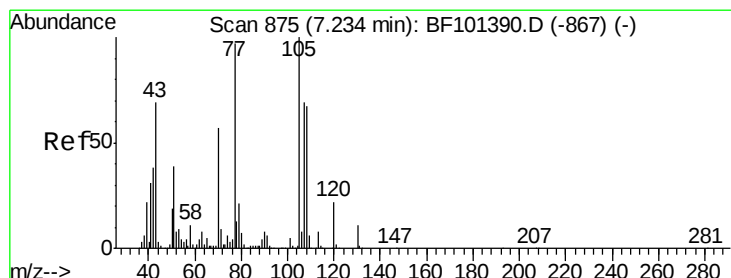
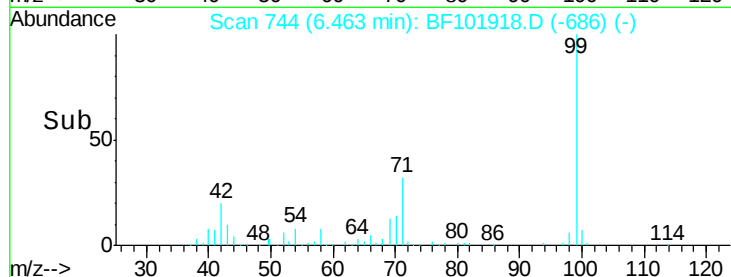
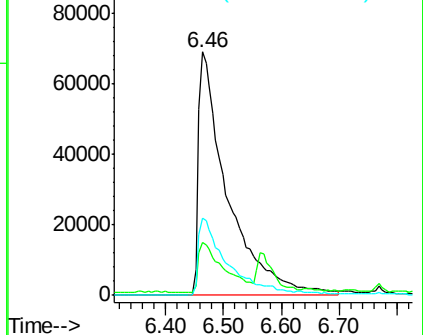
71 31.7 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 3.340 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.16 min

Lab File: BF101918.D

Acq: 5 Jan 2018 10:05

Tgt Ion: 70 Resp: 23075

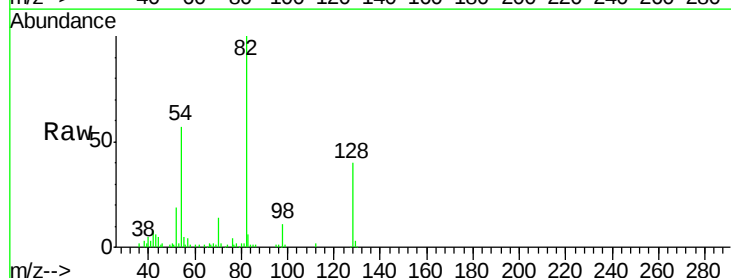
Ion Ratio Lower Upper

70 100

42 61.4 47.5 71.3

101 0.0 7.4 11.2#

130 3.0 16.6 25.0#

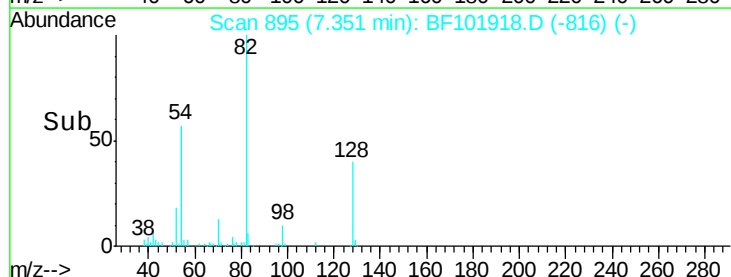
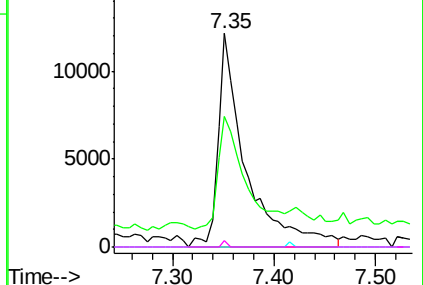


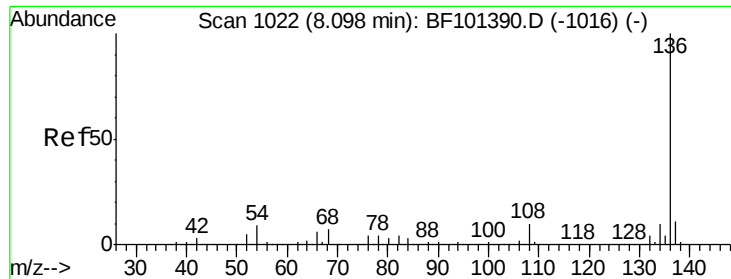
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

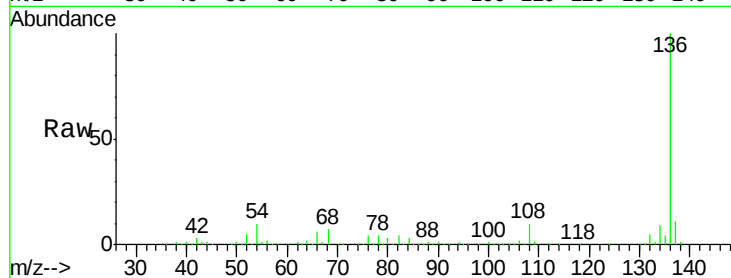




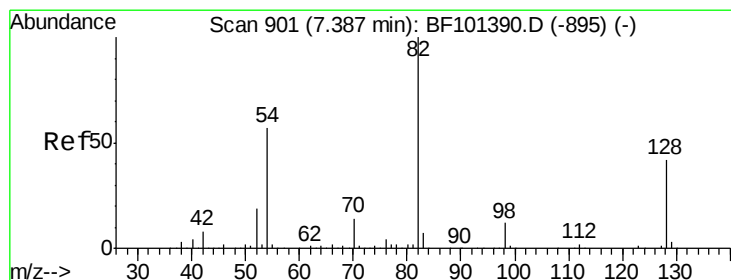
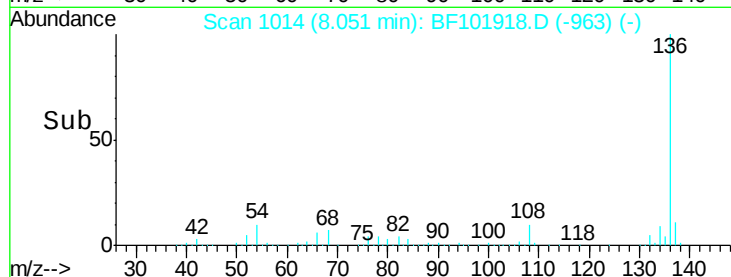
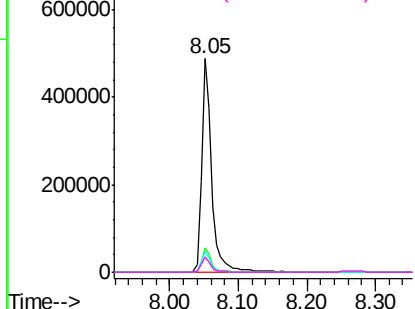
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF101918.D
Acq: 5 Jan 2018 10:05

Instrument :
BNA_F
ClientSampleId :
B-1(5)

Tgt Ion:	136	Resp:	507827
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	9.6	6.6	9.8
68	7.0	5.0	7.4

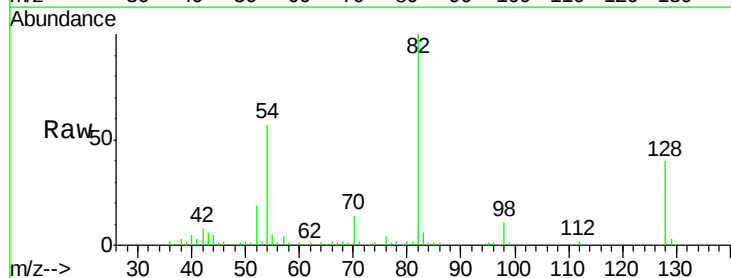


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

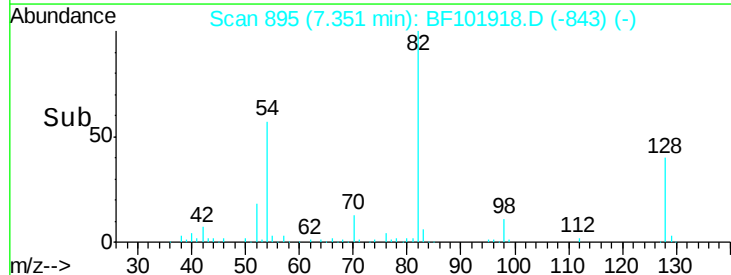
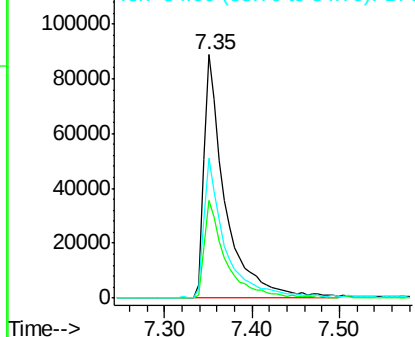


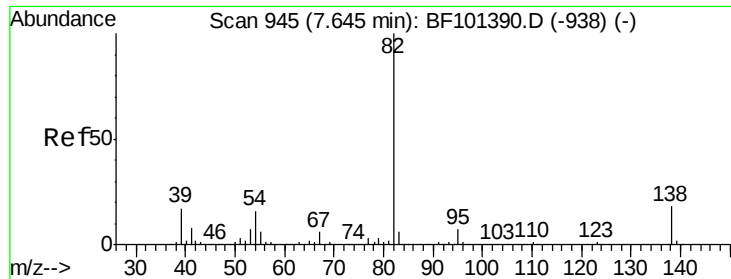
#23
Nitrobenzene-d5
Concen: 16.532 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.01 min
Lab File: BF101918.D
Acq: 5 Jan 2018 10:05

Tgt Ion:	82	Resp:	150816
Ion	Ratio	Lower	Upper
82	100		
128	40.3	36.1	54.1
54	57.2	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





#25

Isophorone

Concen: 8.241 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.25 min

Lab File: BF101918.D

Acq: 5 Jan 2018 10:05

Instrument :

BNA_F

ClientSampled :

B-1(5)

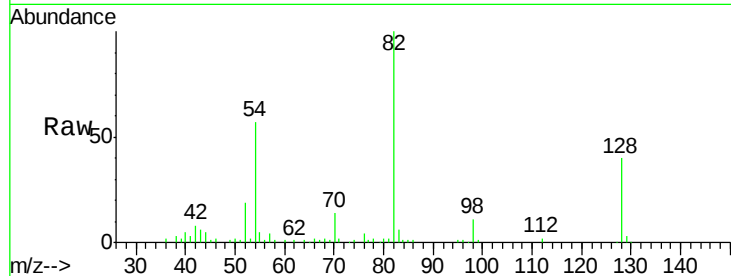
Tgt Ion: 82 Resp: 150816

Ion Ratio Lower Upper

82 100

95 0.7 5.2 7.8#

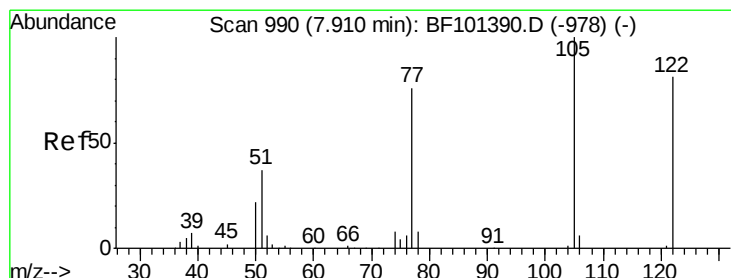
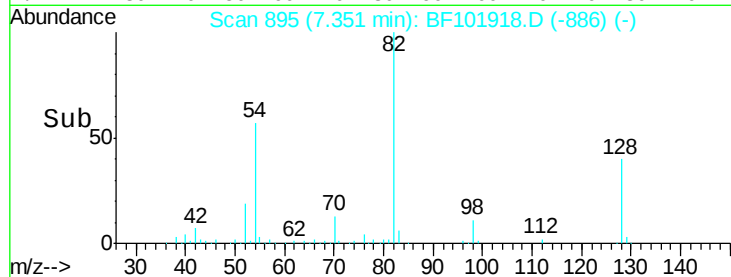
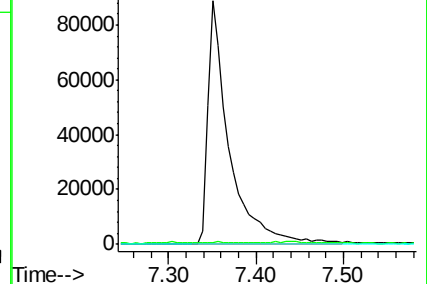
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#32

Benzoic acid

Concen: 7.985 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.05 min

Lab File: BF101918.D

Acq: 5 Jan 2018 10:05

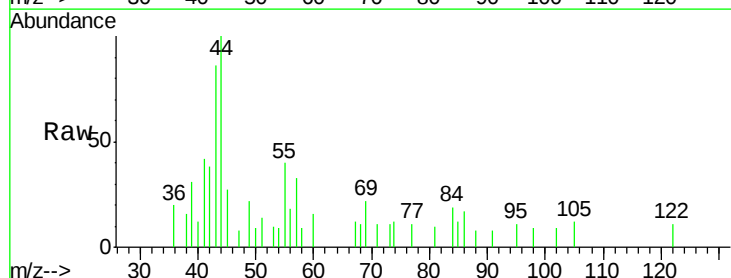
Tgt Ion: 122 Resp: 142

Ion Ratio Lower Upper

122 100

105 114.5 101.1 141.1

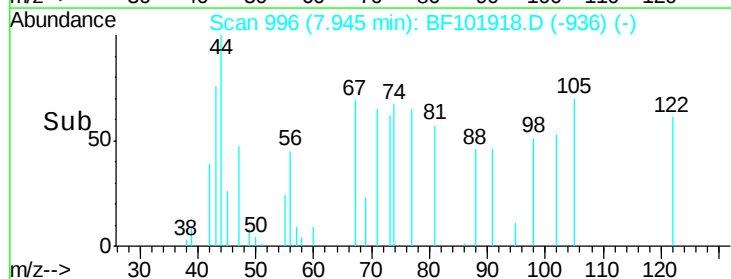
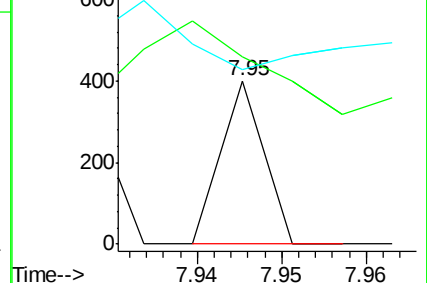
77 106.5 70.7 110.7

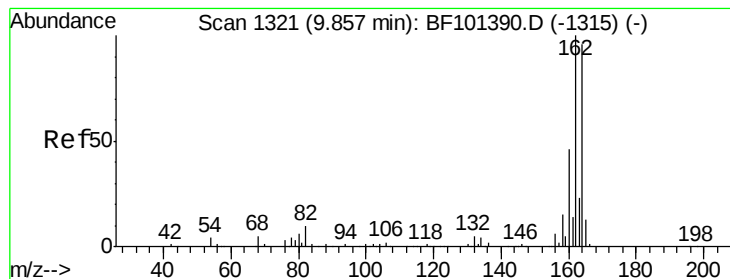


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF101918.D

Acq: 5 Jan 2018 10:05

Instrument :

BNA_F

ClientSampleId :

B-1(5)

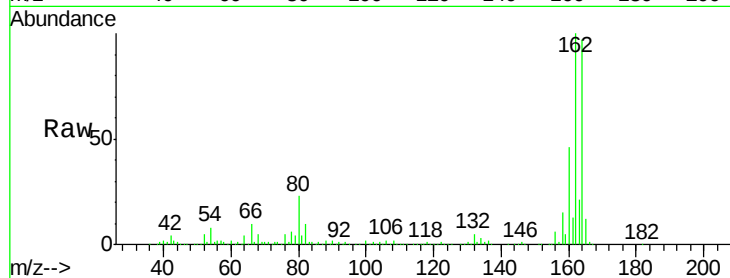
Tgt Ion:164 Resp: 211692

Ion Ratio Lower Upper

164 100

162 102.7 86.1 129.1

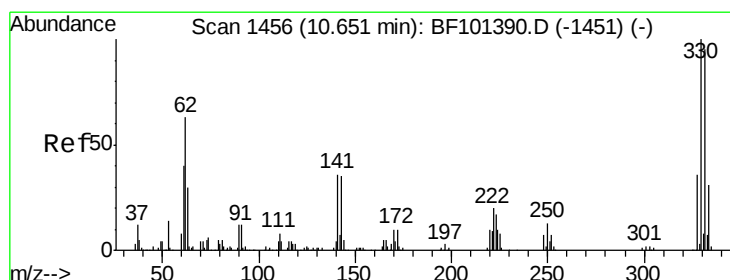
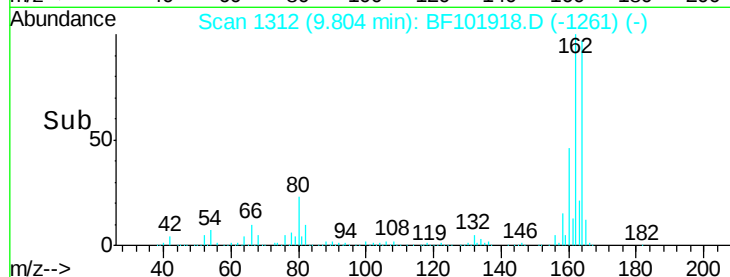
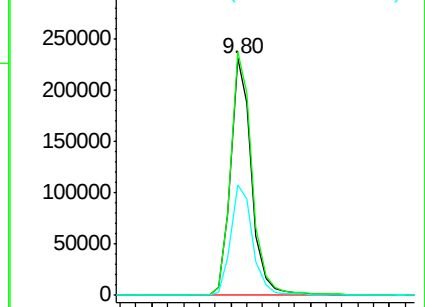
160 46.8 38.3 57.5



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: 10.278 ng

RT: 10.62 min Scan# 1450

Delta R.T. 0.01 min

Lab File: BF101918.D

Acq: 5 Jan 2018 10:05

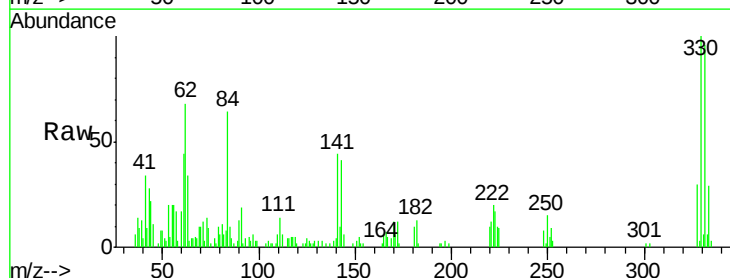
Tgt Ion:330 Resp: 20966

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

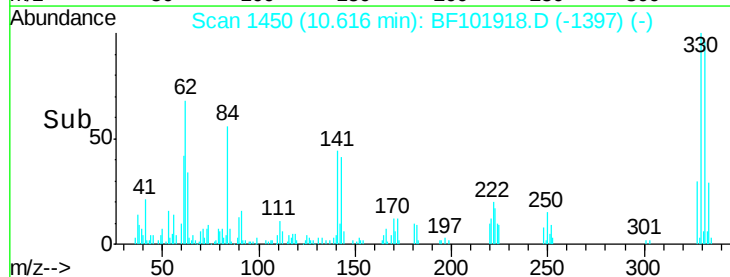
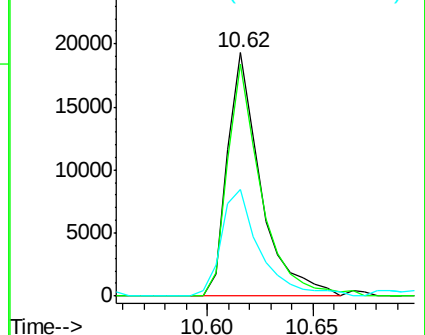
141 51.2 29.9 44.9#

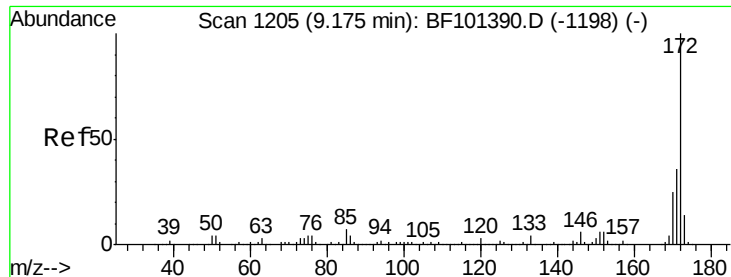


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

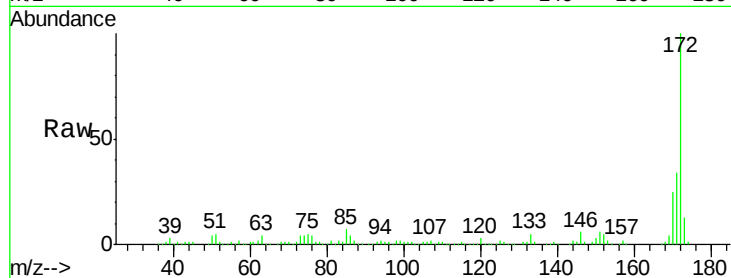




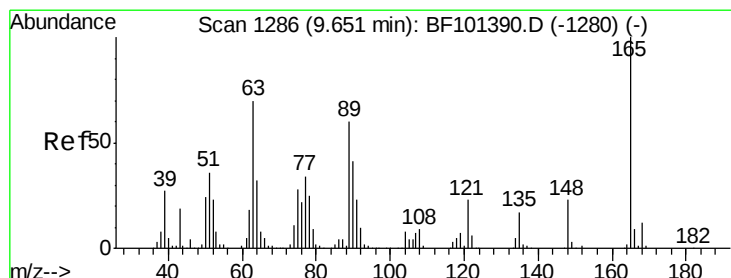
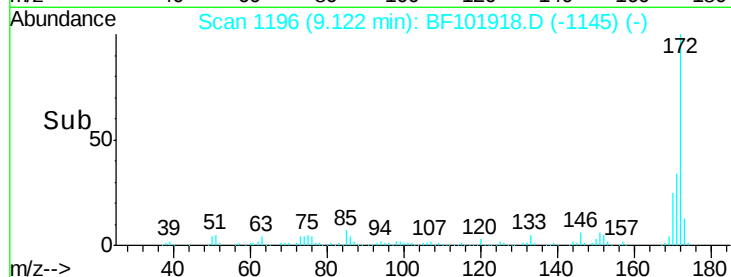
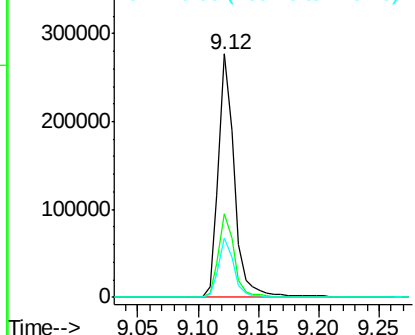
#44
 2-Fluorobiphenyl
 Concen: 18.520 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF101918.D
 Acq: 5 Jan 2018 10:05

Instrument :
 BNA_F
 ClientSampleId :
 B-1(5)

Tgt Ion:172 Resp: 252733
 Ion Ratio Lower Upper
 172 100
 171 34.5 29.7 44.5
 170 24.6 19.6 29.4

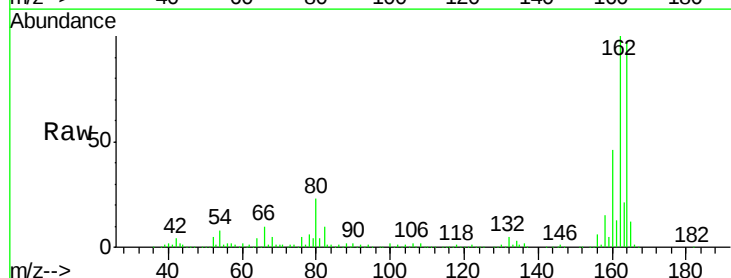


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

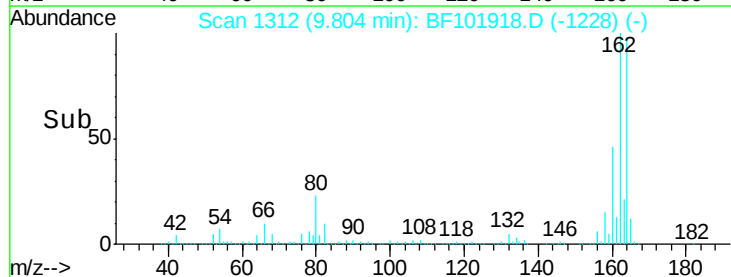
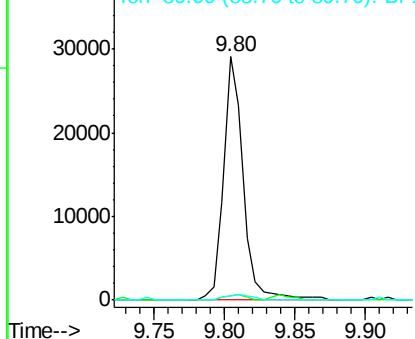


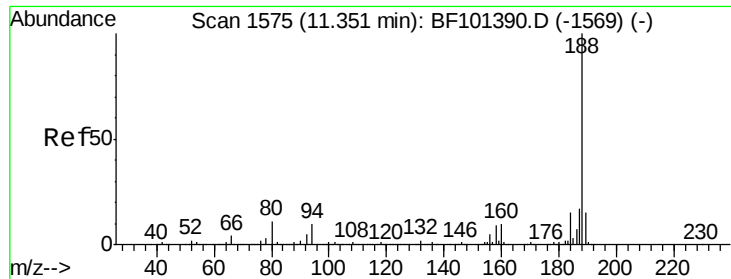
#50
 2,6-Dinitrotoluene
 Concen: 8.176 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.19 min
 Lab File: BF101918.D
 Acq: 5 Jan 2018 10:05

Tgt Ion:165 Resp: 28295
 Ion Ratio Lower Upper
 165 100
 63 1.9 44.7 67.1#
 89 1.9 44.0 66.0#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

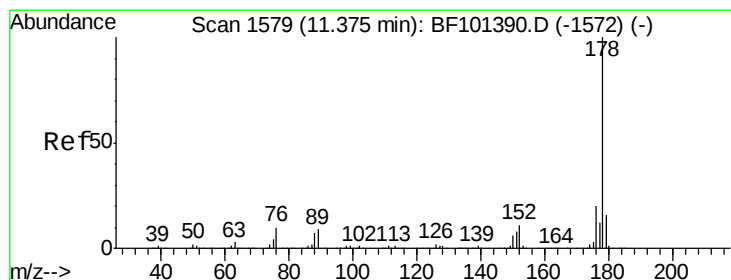
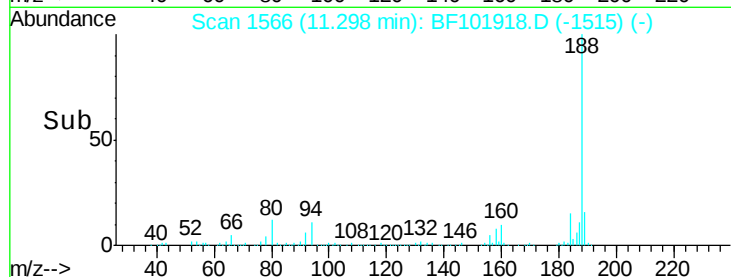
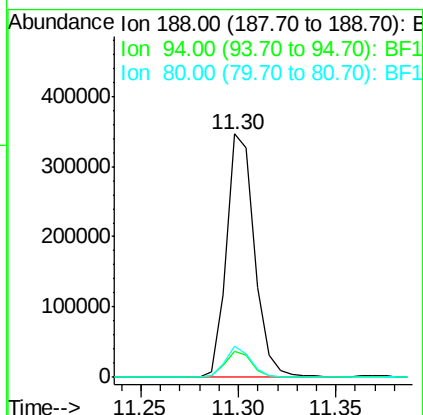
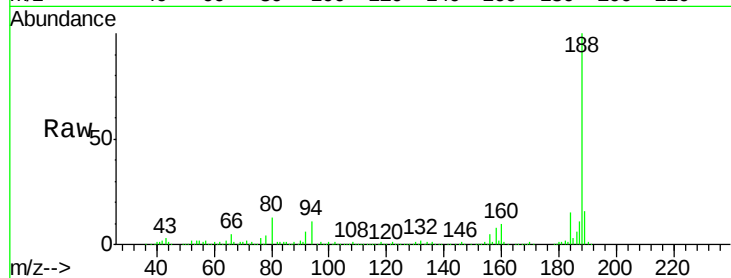




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. 0.00 min
Lab File: BF101918.D
Acq: 5 Jan 2018 10:05

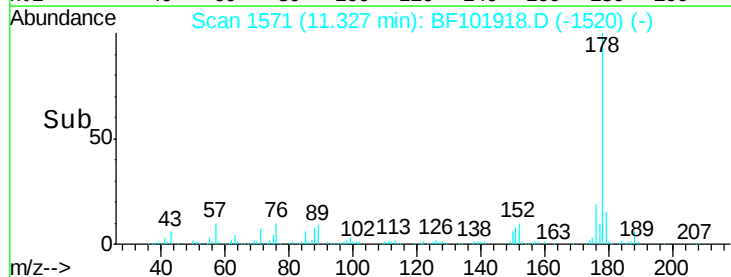
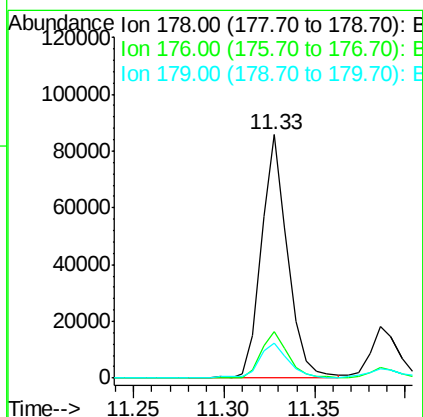
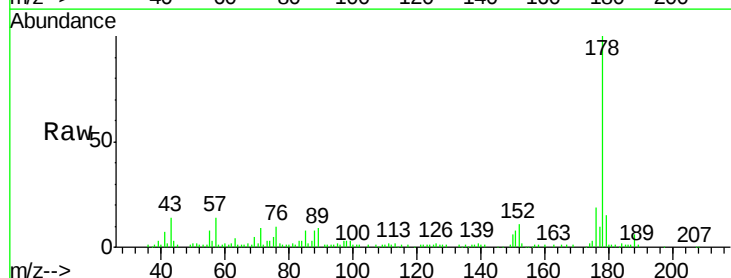
Instrument :
BNA_F
ClientSampleId :
B-1(5)

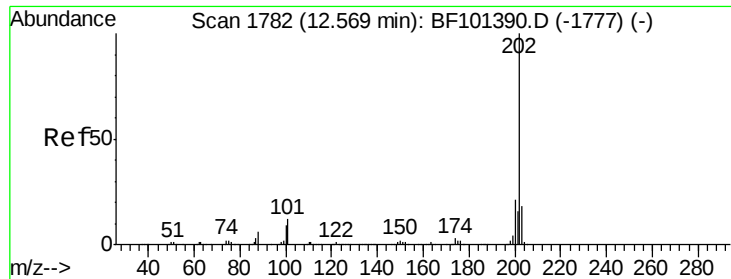
Tgt Ion:188 Resp: 345050
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 12.6 9.2 13.8



#70
Phenanthrene
Concen: 4.490 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF101918.D
Acq: 5 Jan 2018 10:05

Tgt Ion:178 Resp: 86165
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.8
179 14.6 13.0 19.6

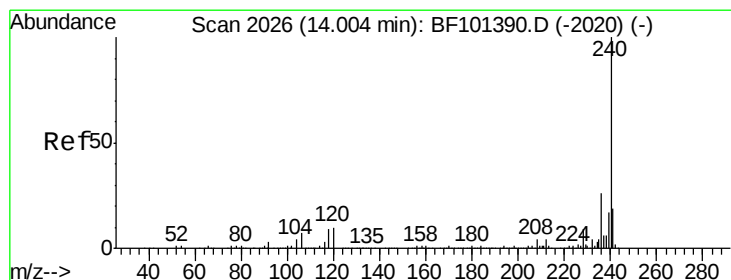
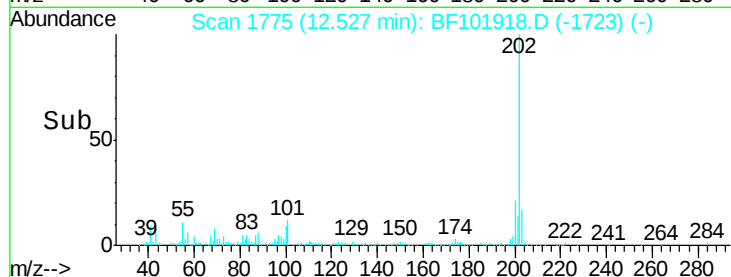
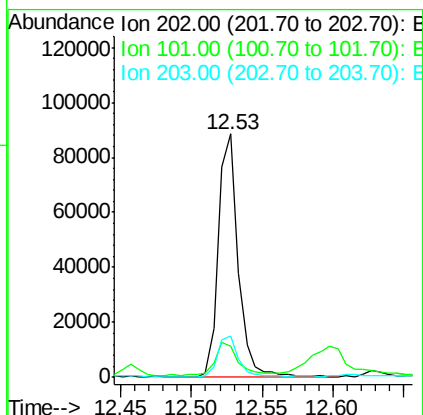
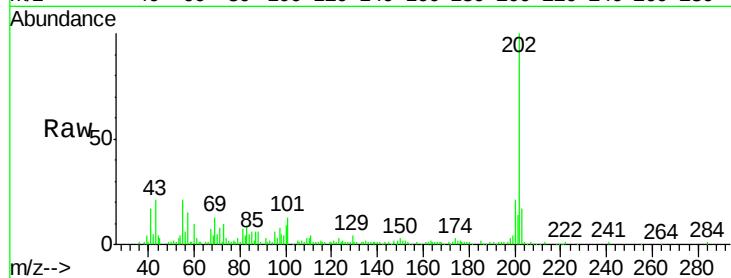




#74
Fluoranthene
Concen: 4.317 ng
RT: 12.53 min Scan# 1775
Delta R.T. 0.01 min
Lab File: BF101918.D
Acq: 5 Jan 2018 10:05

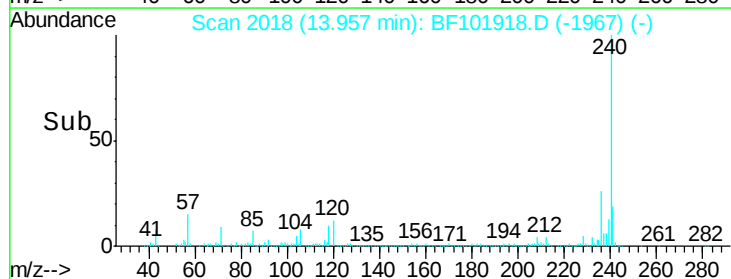
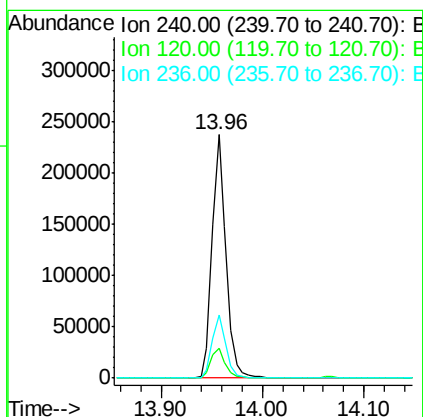
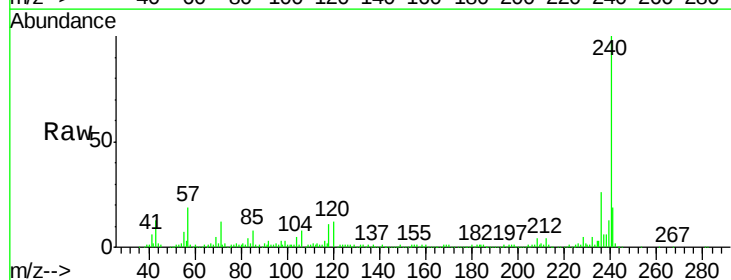
Instrument :
BNA_F
ClientSampleId :
B-1(5)

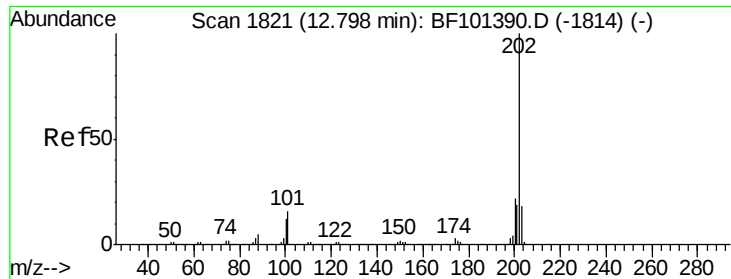
Tgt Ion:	202	Resp:	86957
Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	34.1
203	16.9	0.0	38.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF101918.D
Acq: 5 Jan 2018 10:05

Tgt Ion:	240	Resp:	226580
Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.5	14.3
236	25.7	20.7	31.1





#77

Pyrene

Concen: 4.384 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.01 min

Lab File: BF101918.D

Acq: 5 Jan 2018 10:05

Instrument :

BNA_F

ClientSampled :

B-1(5)

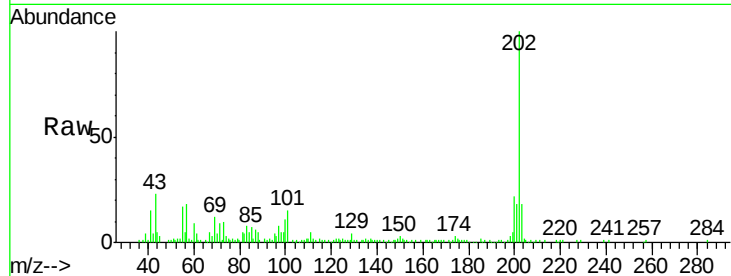
Tgt Ion:202 Resp: 74542

Ion Ratio Lower Upper

202 100

200 22.1 17.4 26.2

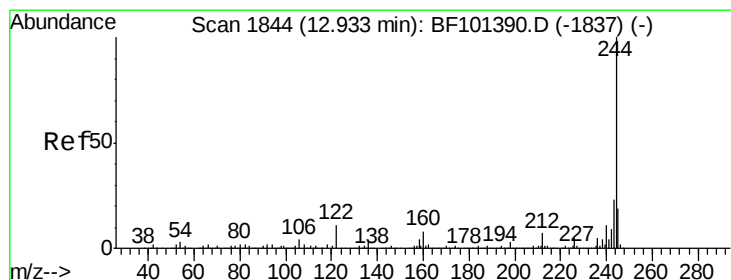
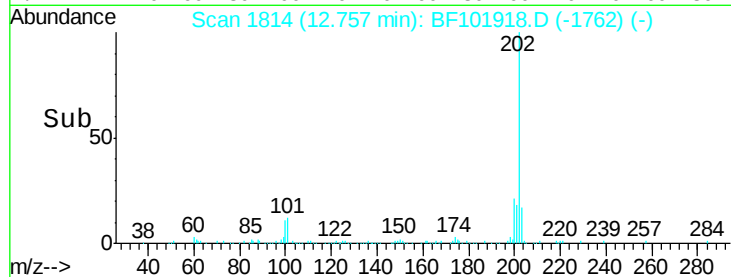
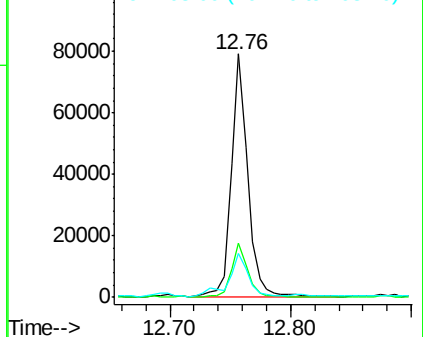
203 17.9 14.3 21.5



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: 16.946 ng

RT: 12.88 min Scan# 1835

Delta R.T. 0.00 min

Lab File: BF101918.D

Acq: 5 Jan 2018 10:05

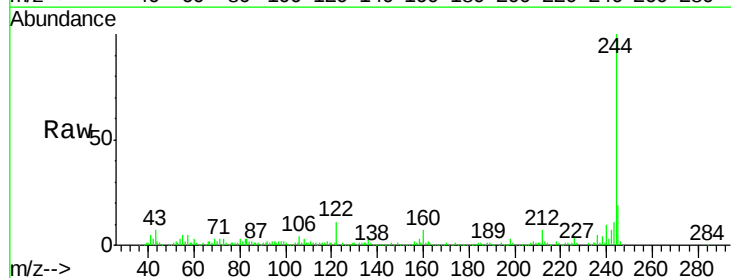
Tgt Ion:244 Resp: 159271

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

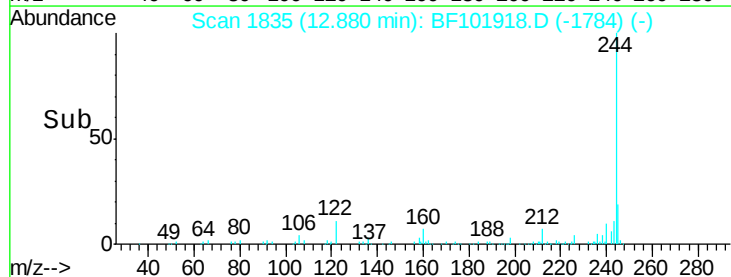
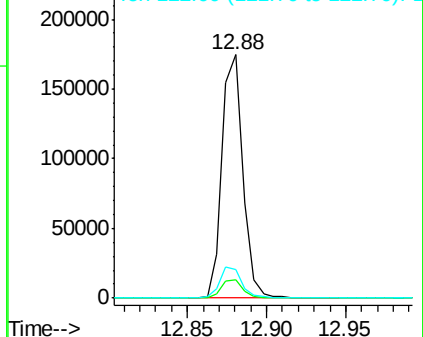
122 11.5 11.0 16.4

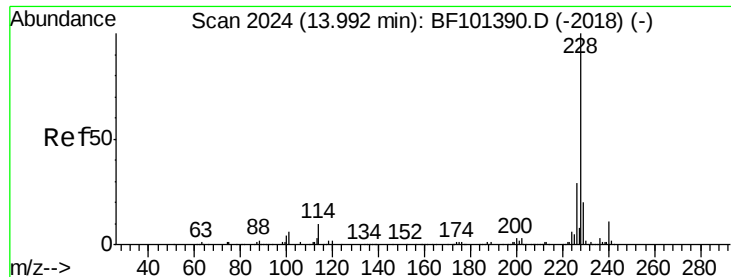


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 2.596 ng

RT: 13.94 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BF101918.D

Acq: 5 Jan 2018 10:05

Instrument :

BNA_F

ClientSampleId :

B-1(5)

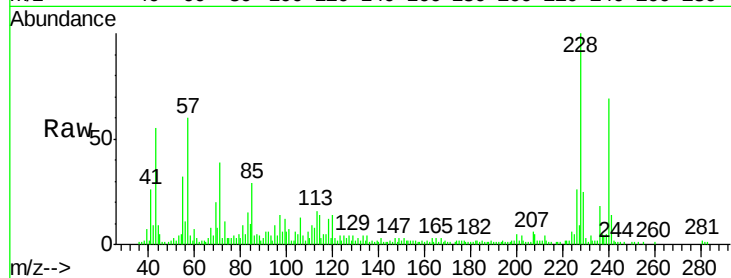
Tgt Ion:228 Resp: 38845

Ion Ratio Lower Upper

228 100

226 26.2 22.6 33.8

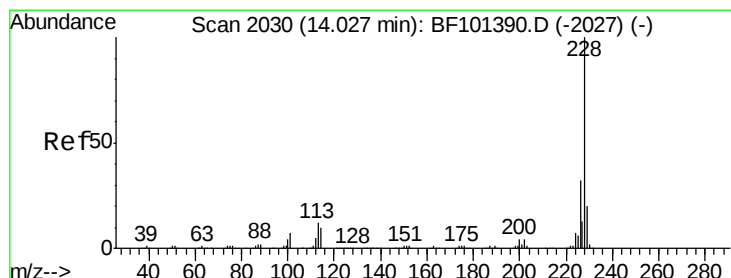
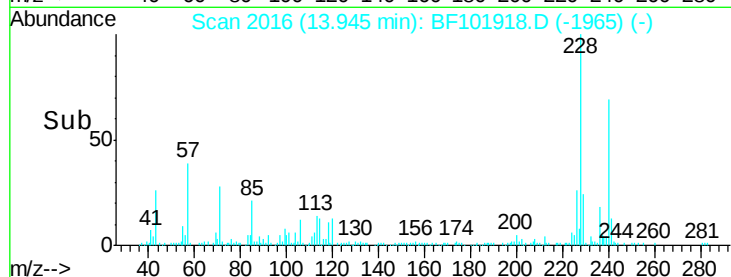
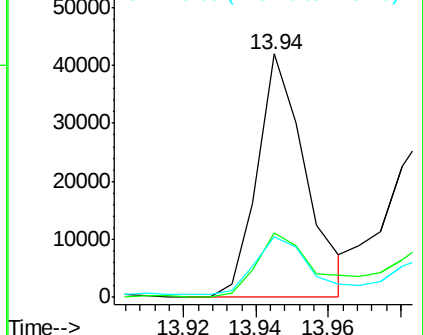
229 24.8 15.8 23.6#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 2.622 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.01 min

Lab File: BF101918.D

Acq: 5 Jan 2018 10:05

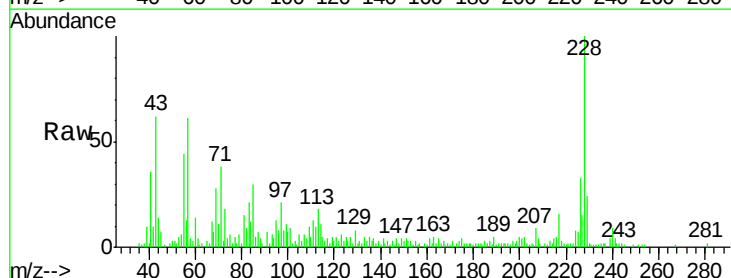
Tgt Ion:228 Resp: 37046

Ion Ratio Lower Upper

228 100

226 33.4 25.0 37.6

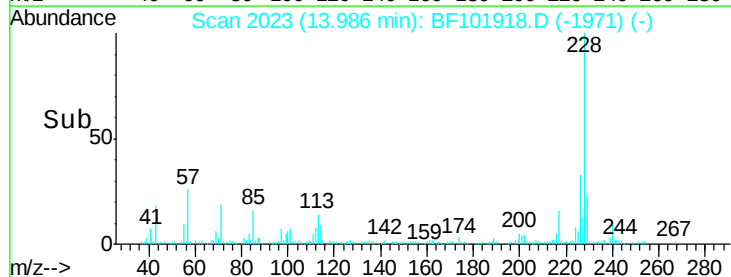
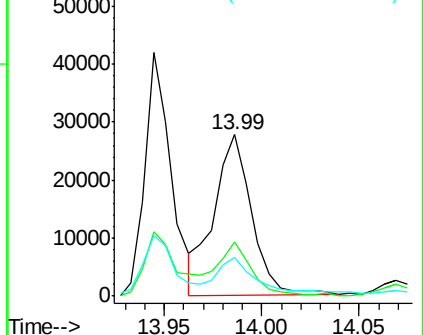
229 23.9 16.2 24.4

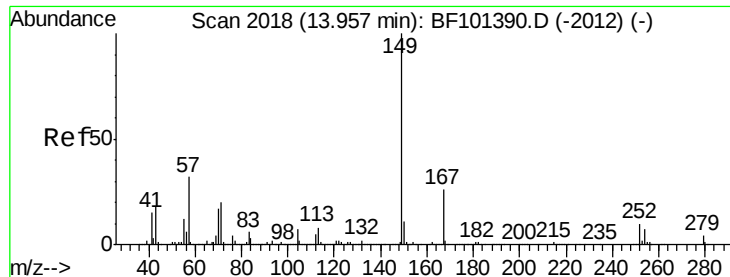


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 7.767 ng

RT: 13.89 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BF101918.D

Acq: 5 Jan 2018 10:05

Instrument :

BNA_F

ClientSampleId :

B-1(5)

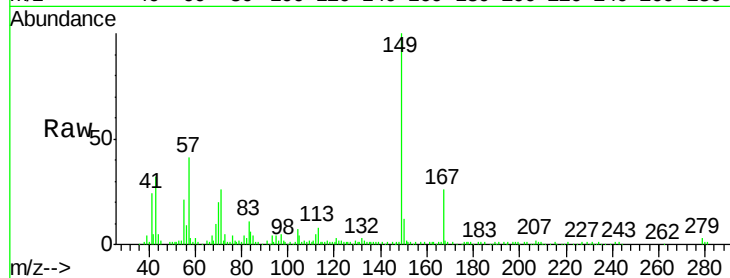
Tgt Ion:149 Resp: 75698

Ion Ratio Lower Upper

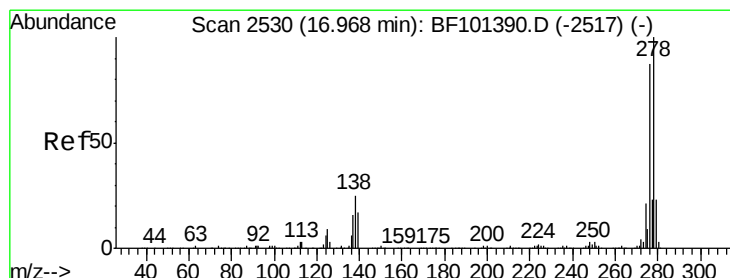
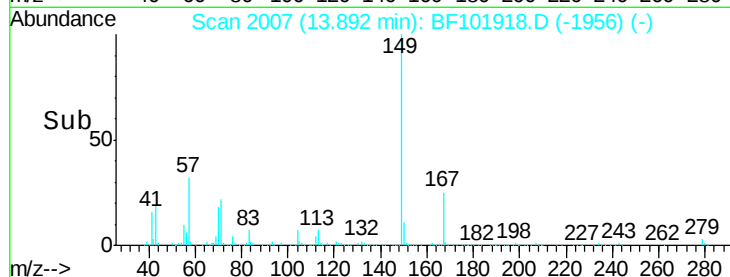
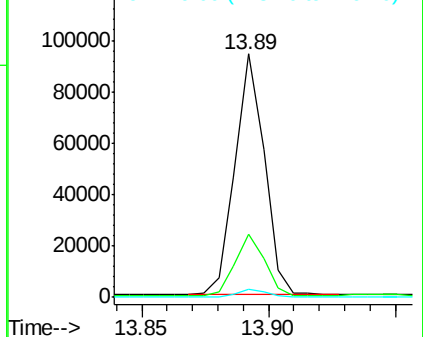
149 100

167 25.7 21.3 31.9

279 3.2 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 2.397 ng

RT: 16.93 min Scan# 2524

Delta R.T. 0.04 min

Lab File: BF101918.D

Acq: 5 Jan 2018 10:05

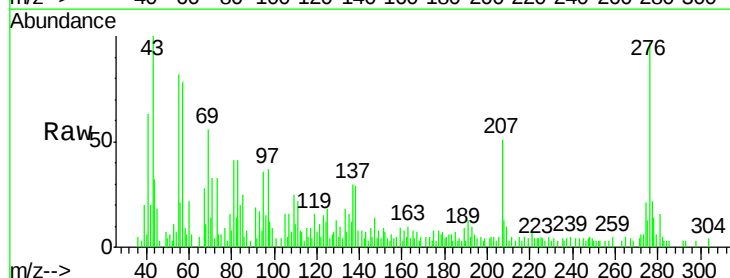
Tgt Ion:276 Resp: 30159

Ion Ratio Lower Upper

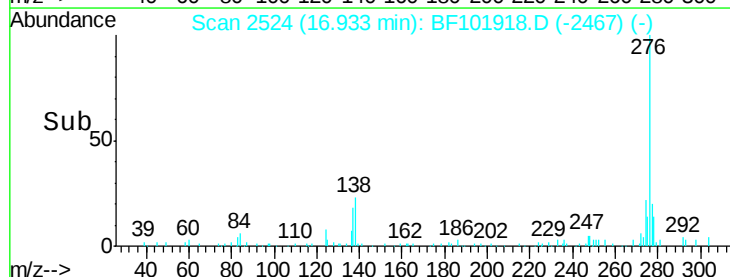
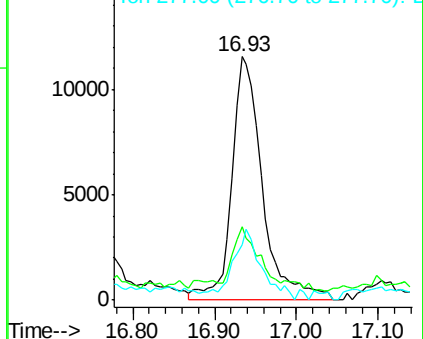
276 100

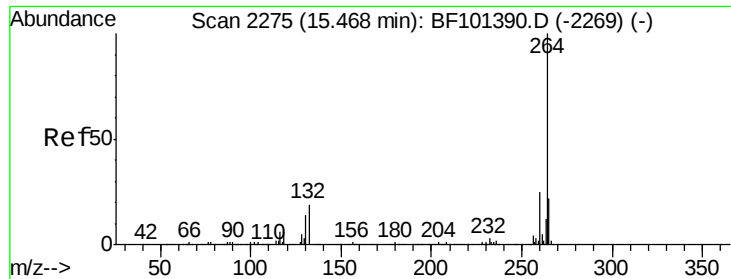
138 25.0 25.0 37.6#

277 27.6 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

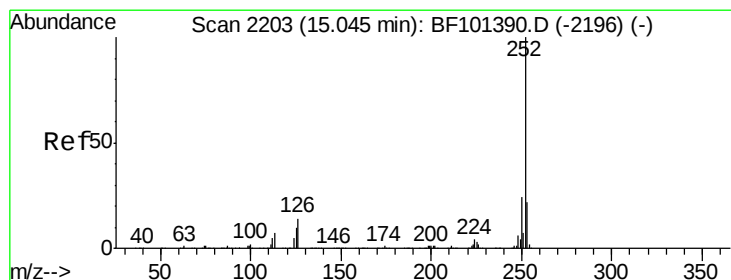
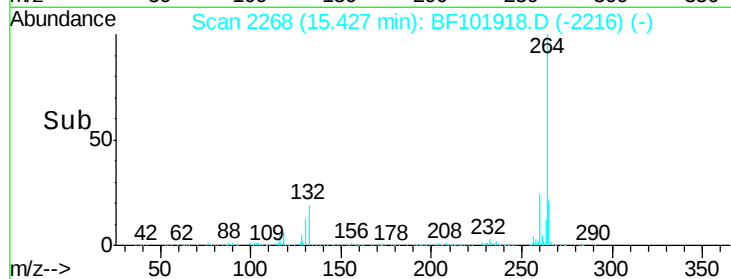
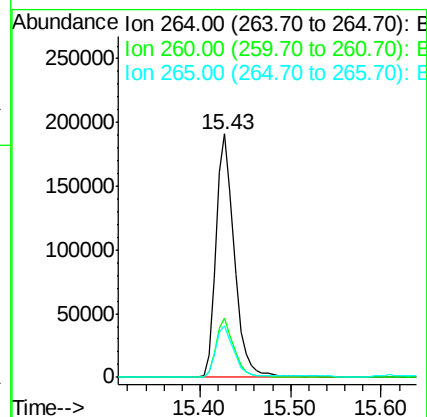
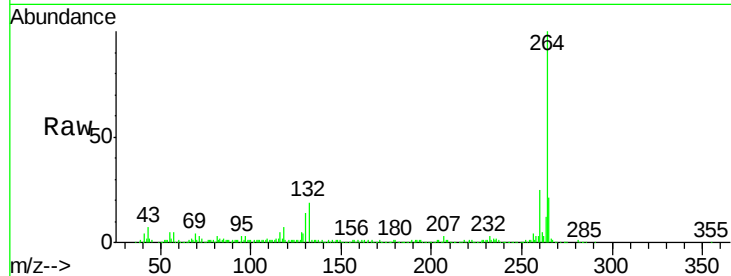




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF101918.D
Acq: 5 Jan 2018 10:05

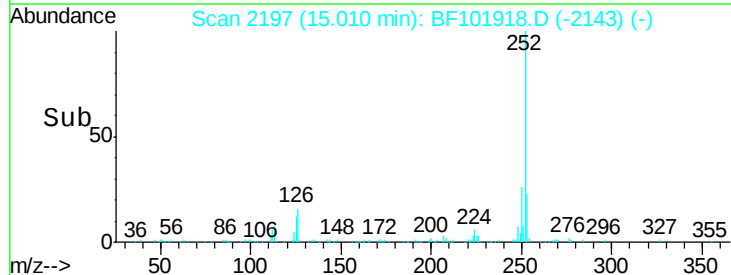
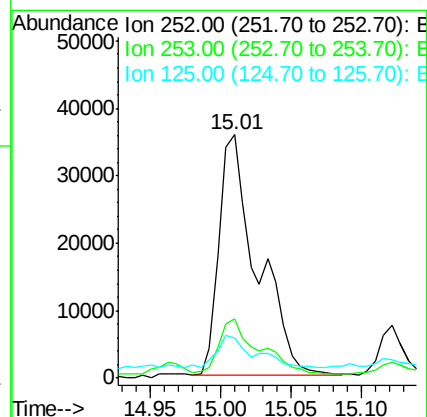
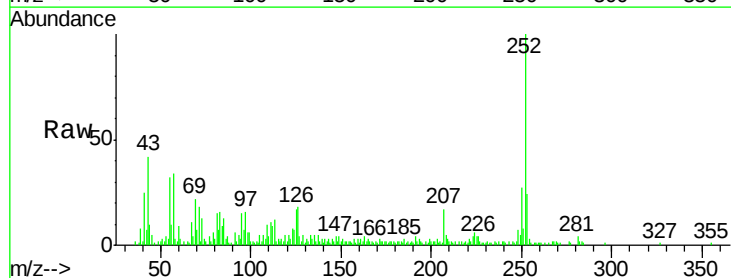
Instrument :
BNA_F
ClientSampled :
B-1(5)

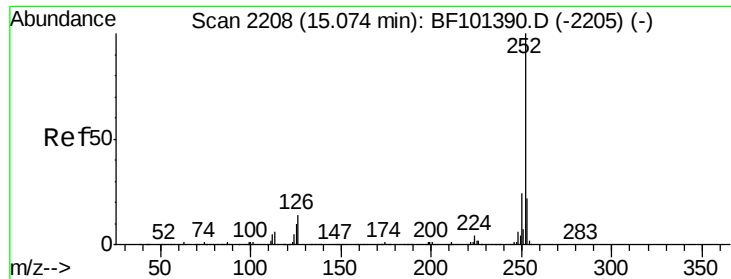
Tgt Ion:264 Resp: 270322
Ion Ratio Lower Upper
264 100
260 24.6 19.2 28.8
265 21.0 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 4.078 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.02 min
Lab File: BF101918.D
Acq: 5 Jan 2018 10:05

Tgt Ion:252 Resp: 67196
Ion Ratio Lower Upper
252 100
253 24.3 17.0 25.6
125 16.5 9.0 13.6#

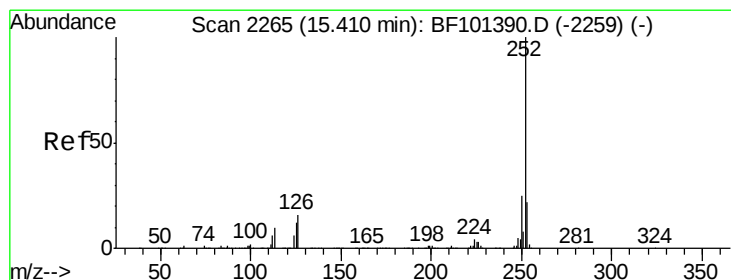
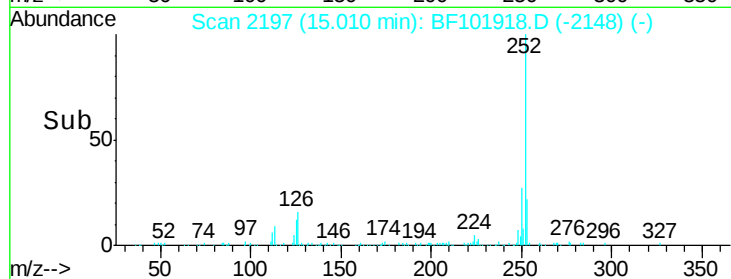
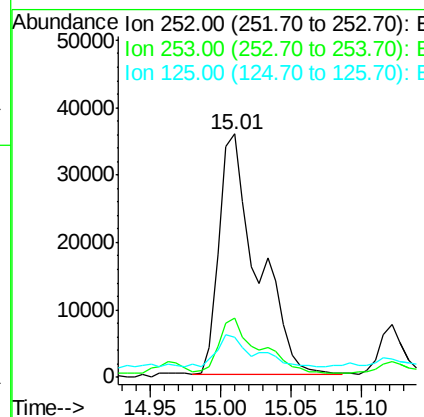
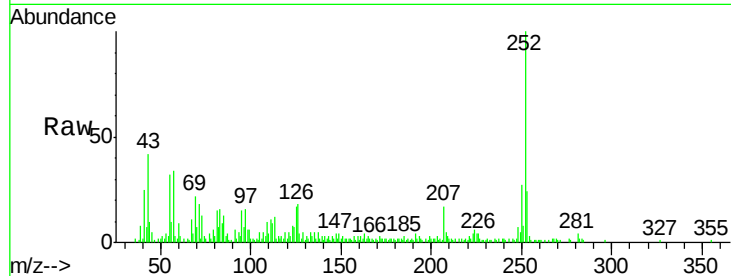




#88
Benzo(k)fluoranthene
Concen: 4.207 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BF101918.D
Acq: 5 Jan 2018 10:05

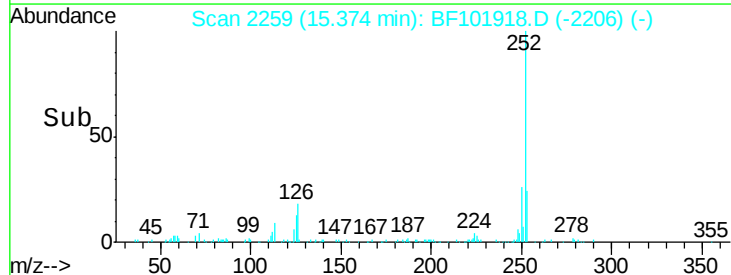
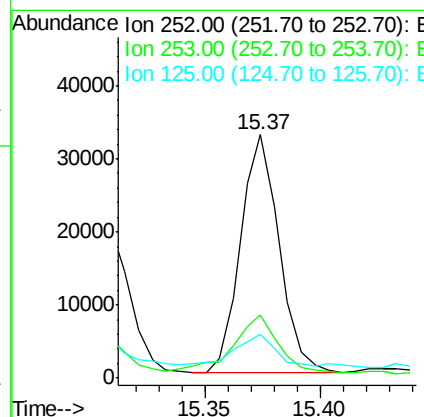
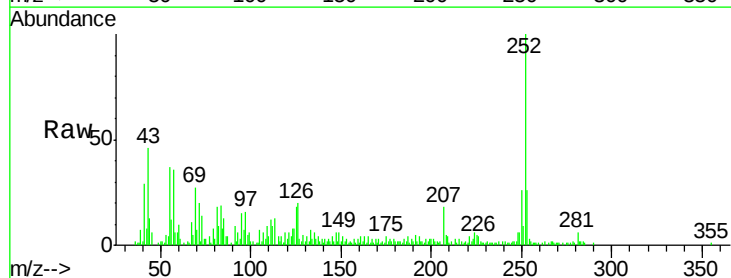
Instrument :
BNA_F
ClientSampleId :
B-1(5)

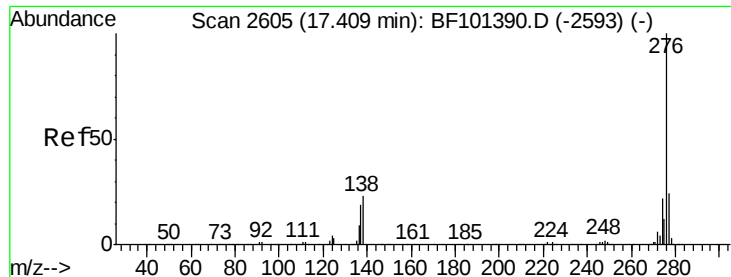
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.9	26.9
125	16.5	10.2	15.2



#89
Benzo(a)pyrene
Concen: 2.504 ng
RT: 15.37 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BF101918.D
Acq: 5 Jan 2018 10:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.1	25.7
125	18.2	9.8	14.6





#91

Benzo(g,h,i)perylene

Concen: 2.058 ng

RT: 17.39 min Scan# 2602

Delta R.T. 0.05 min

Lab File: BF101918.D

Acq: 5 Jan 2018 10:05

Instrument :

BNA_F

ClientSampleId :

B-1(5)

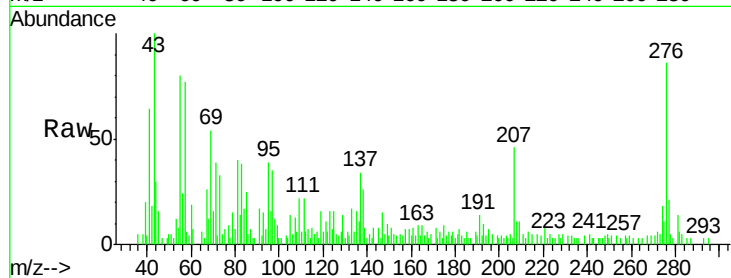
Tgt Ion: 276 Resp: 26582

Ion Ratio Lower Upper

276 100

277 24.0 17.9 26.9

138 30.3 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

