

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF010518\
 Data File : BF101925.D
 Acq On : 5 Jan 2018 13:13
 Operator : SJ/JU
 Sample : J1004-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMP

Quant Time: Jan 05 14:13:34 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 13:21:45 2017
 Response via : Initial Calibration

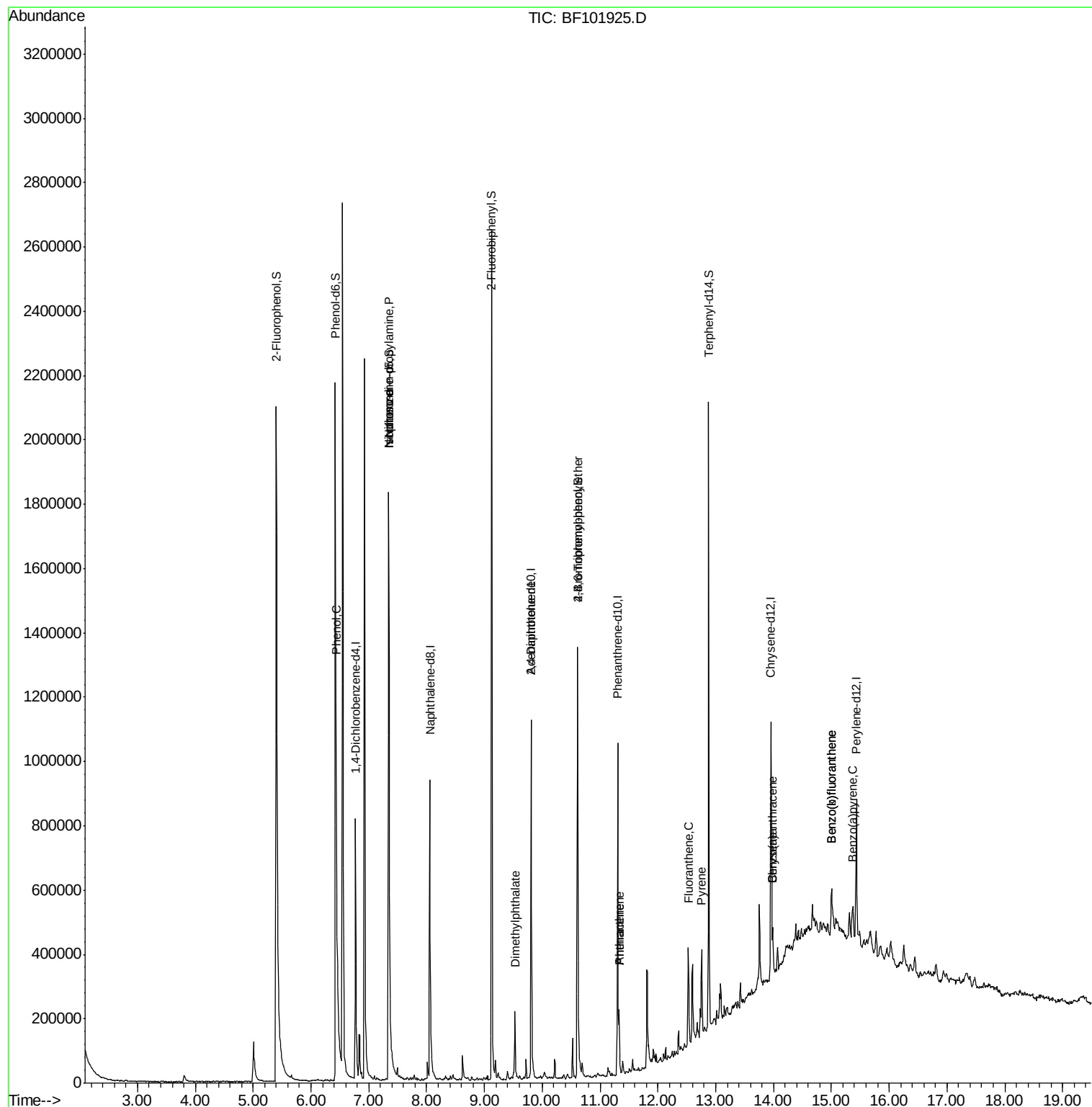
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	140052	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	559679	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	220302	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	367187	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	283642	20.00	ng	-0.02
86) Perylene-d12	15.43	264	243353	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1005706	106.97	ng	0.00
7) Phenol-d6	6.43	99	1219911	104.25	ng	0.00
23) Nitrobenzene-d5	7.35	82	778295	77.41	ng	-0.02
41) 2,4,6-Tribromophenol	10.61	330	175195	82.53	ng	-0.01
44) 2-Fluorobiphenyl	9.12	172	927060	65.28	ng	-0.02
78) Terphenyl-d14	12.88	244	651968	55.41	ng	-0.02
Target Compounds						
10) Phenol	6.44	94	54580	4.092	ng	# 47
19) n-Nitroso-di-n-propylamine	7.35	70	105895	13.780	ng	# 82
25) Isophorone	7.35	82	778295	38.588	ng	# 64
49) Dimethylphthalate	9.53	163	94611	5.339	ng	99
56) 2,4-Dinitrotoluene	9.81	165	28409	7.001	ng	# 23
66) 4-Bromophenyl-phenylether	10.61	248	11368	2.755	ng	# 1
70) Phenanthrene	11.33	178	73119	3.581	ng	99
71) Anthracene	11.33	178	73119	3.506	ng	99
74) Fluoranthene	12.53	202	119820	5.590	ng	97
77) Pyrene	12.76	202	108565	5.100	ng	99
80) Benzo(a)anthracene	13.99	228	53817	2.873	ng	95
82) Chrysene	13.99	228	53817	3.043	ng	98
87) Benzo(b)fluoranthene	15.01	252	83672	5.641	ng	# 89
88) Benzo(k)fluoranthene	15.01	252	83672	5.802	ng	# 92
89) Benzo(a)pyrene	15.38	252	42489	3.107	ng	# 90

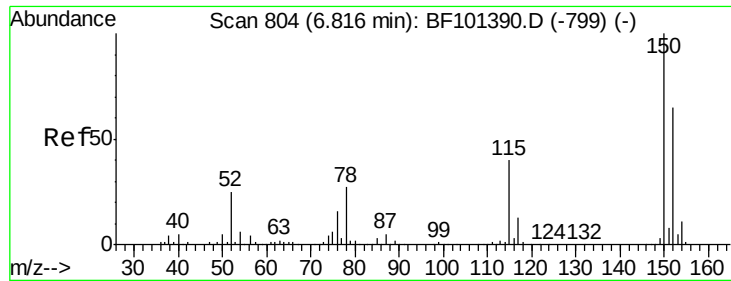
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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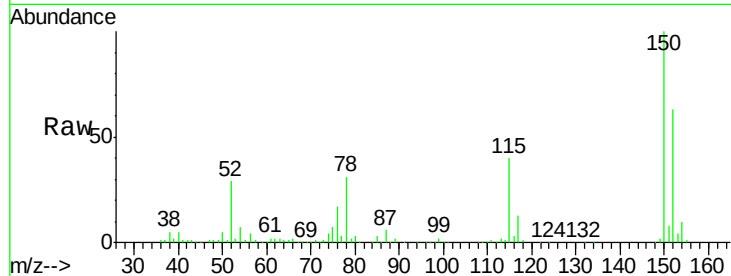


#1

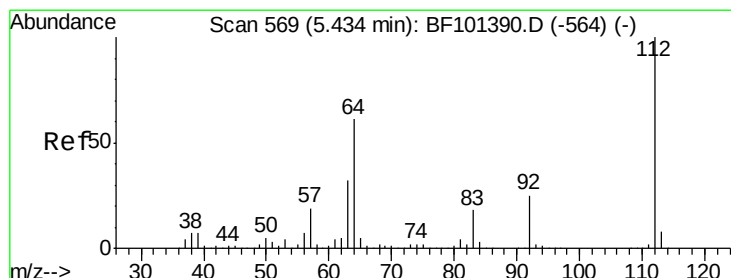
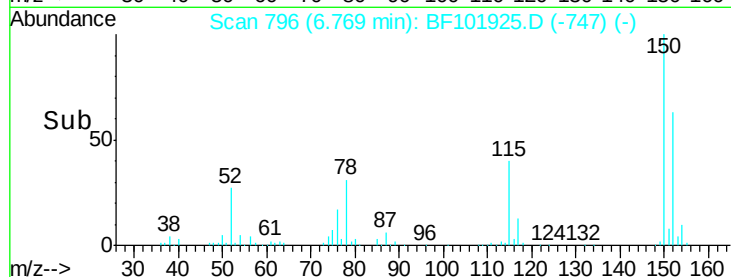
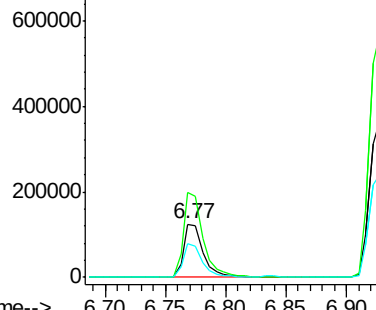
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF101925.D
Acq: 5 Jan 2018 13:13

Instrument :
BNA_F
ClientSampleId :
SB-15-COMP

Tgt Ion:152 Resp: 140052
Ion Ratio Lower Upper
152 100
150 159.6 124.6 186.8
115 64.6 50.1 75.1



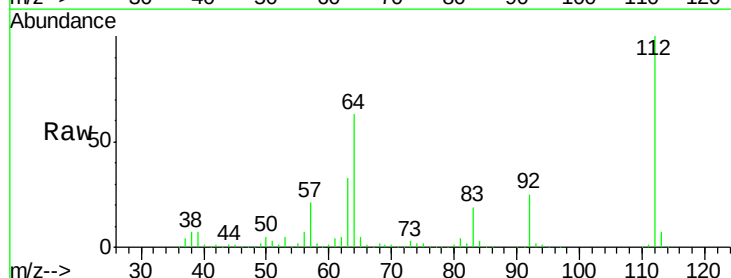
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



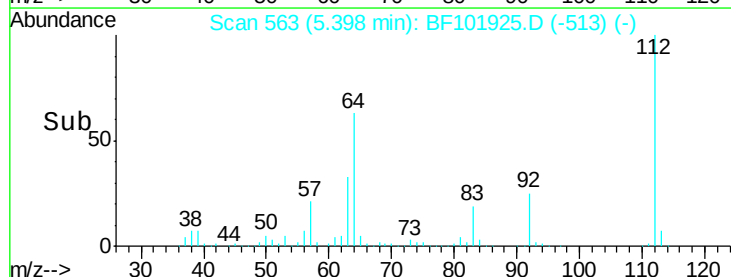
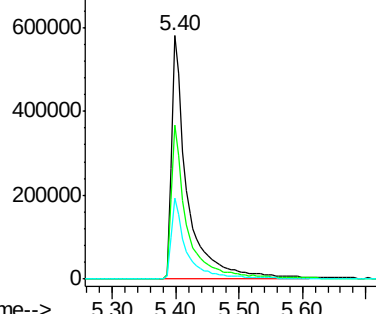
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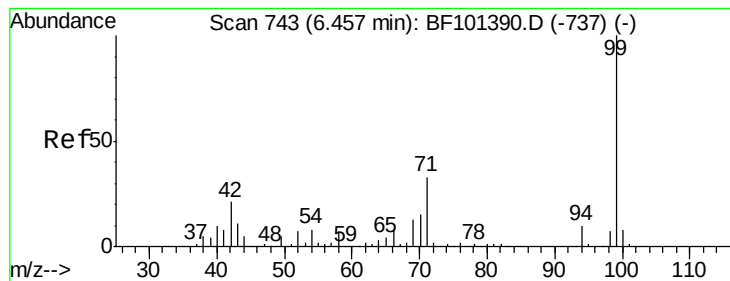
2-Fluorophenol
Concen: 106.966 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF101925.D
Acq: 5 Jan 2018 13:13

Tgt Ion:112 Resp: 1005706
Ion Ratio Lower Upper
112 100
64 63.2 47.9 71.9
63 33.1 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: 104.254 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF101925.D

Acq: 5 Jan 2018 13:13

Instrument :

BNA_F

ClientSampleId :

SB-15-COMP

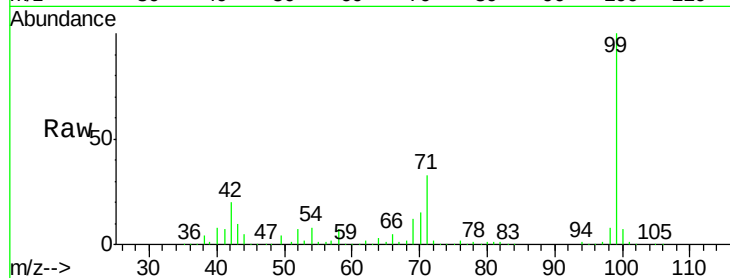
Tgt Ion: 99 Resp: 1219911

Ion Ratio Lower Upper

99 100

42 20.4 14.5 21.7

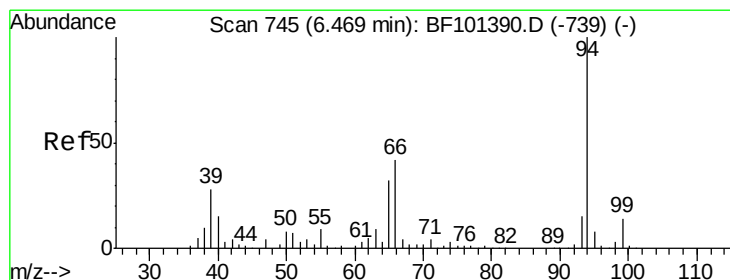
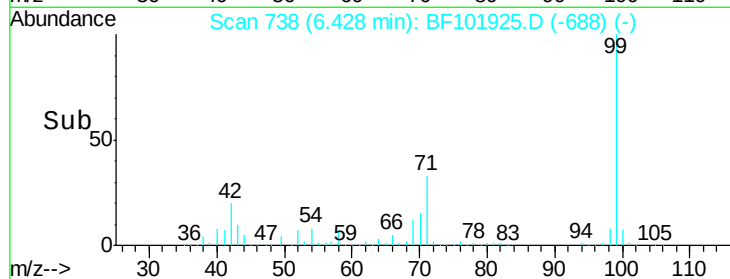
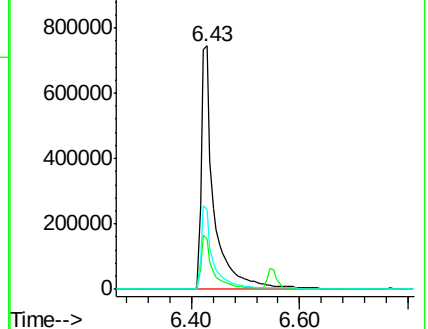
71 32.7 25.4 38.0



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



#10

Phenol

Concen: 4.092 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF101925.D

Acq: 5 Jan 2018 13:13

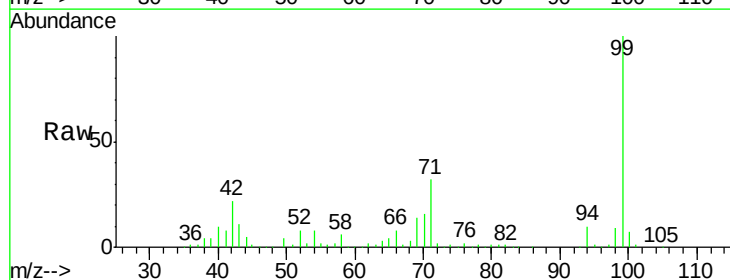
Tgt Ion: 94 Resp: 54580

Ion Ratio Lower Upper

94 100

65 38.8 7.9 47.9

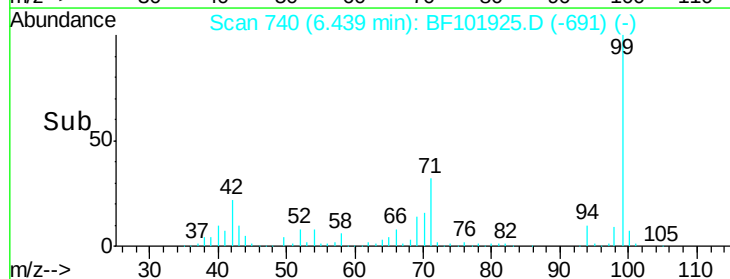
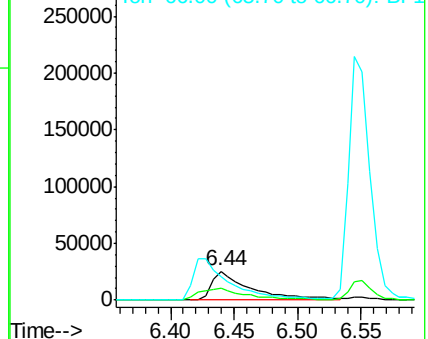
66 81.7 16.2 56.2#

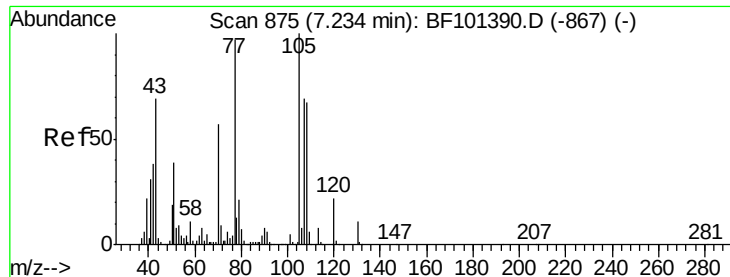


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

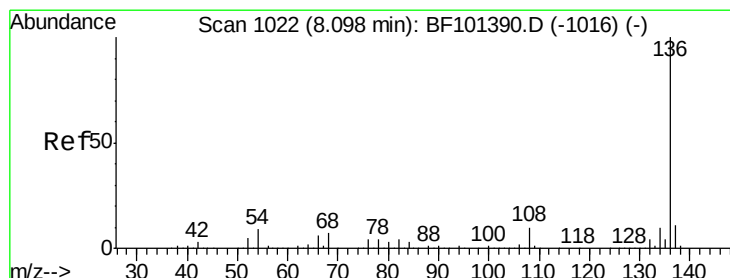
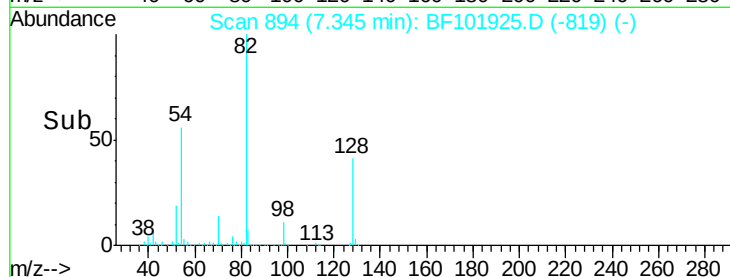
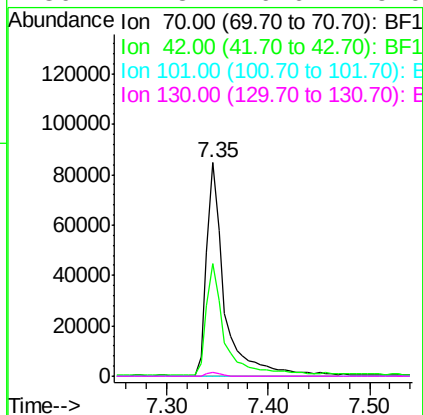
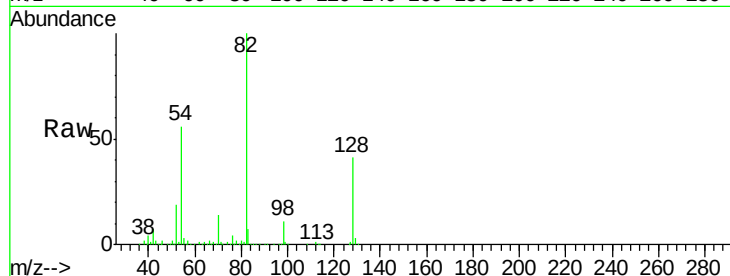




#19
n-Nitroso-di-n-propylamine
Concen: 13.780 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.14 min
Lab File: BF101925.D
Acq: 5 Jan 2018 13:13

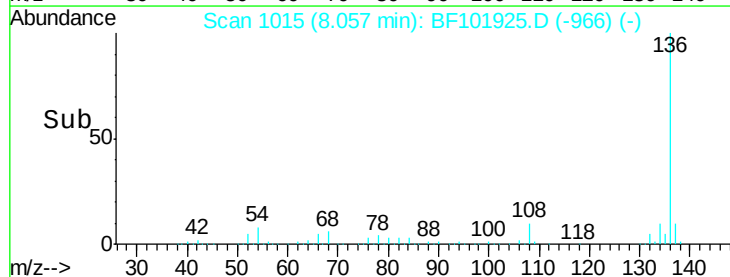
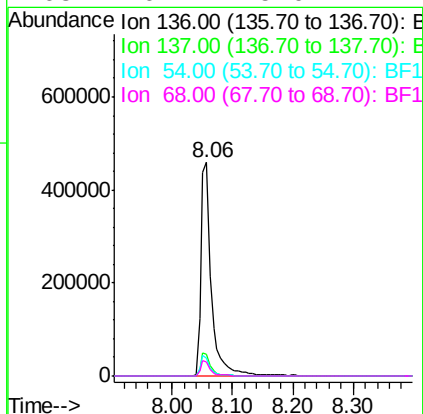
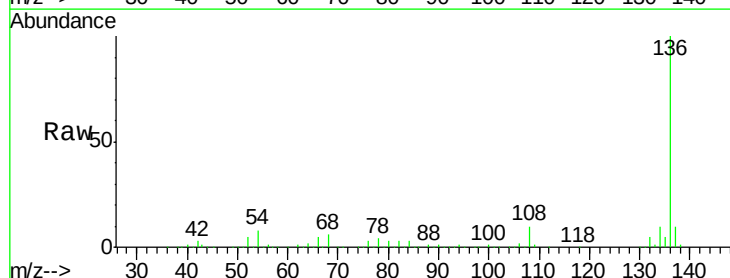
Instrument :
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ClientSampleId :
SB-15-COMP

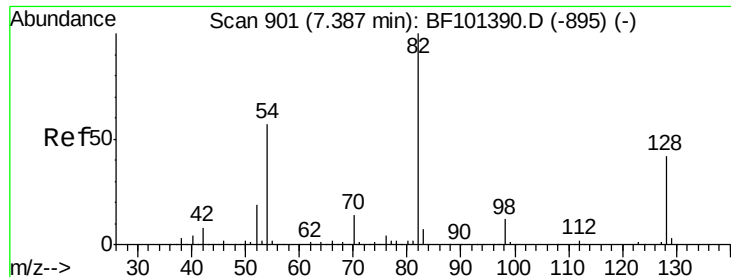
Tgt Ion: 70 Resp: 105895
Ion Ratio Lower Upper
70 100
42 52.8 47.5 71.3
101 0.0 7.4 11.2#
130 1.8 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF101925.D
Acq: 5 Jan 2018 13:13

Tgt Ion: 136 Resp: 559679
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 8.2 6.6 9.8
68 6.4 5.0 7.4

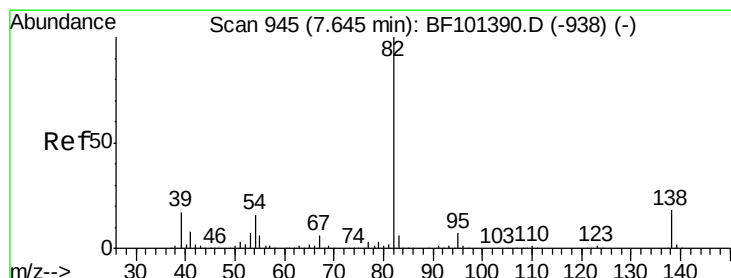
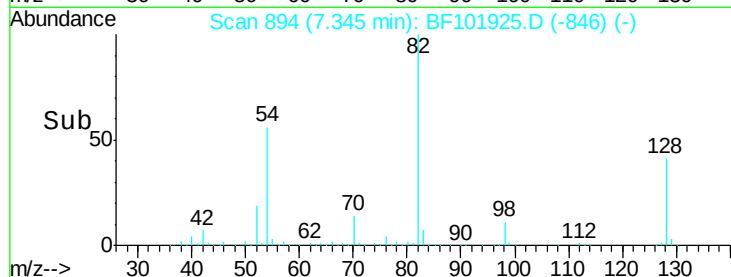
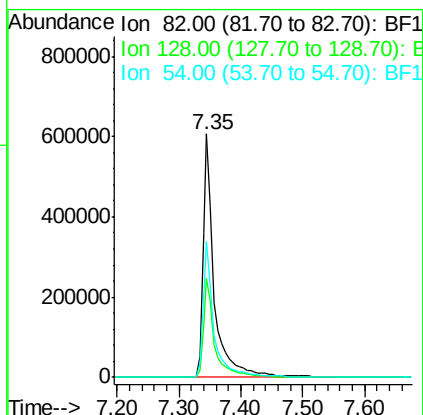
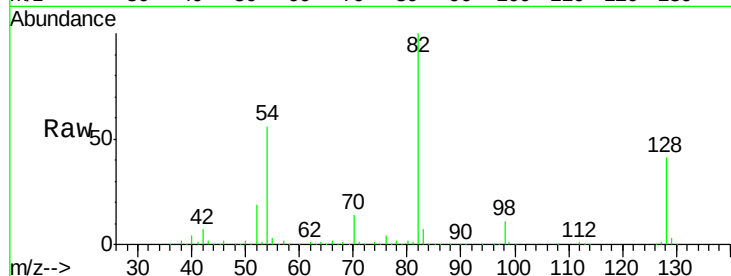




#23
 Nitrobenzene-d5
 Concen: 77.409 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.02 min
 Lab File: BF101925.D
 Acq: 5 Jan 2018 13:13

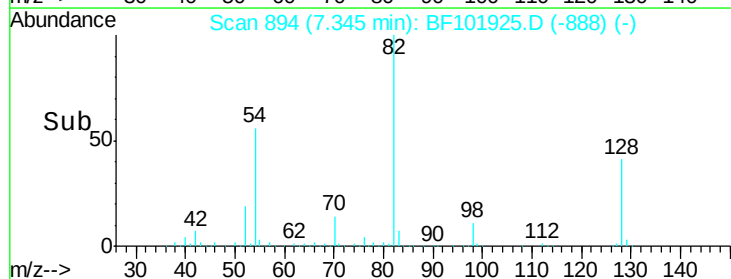
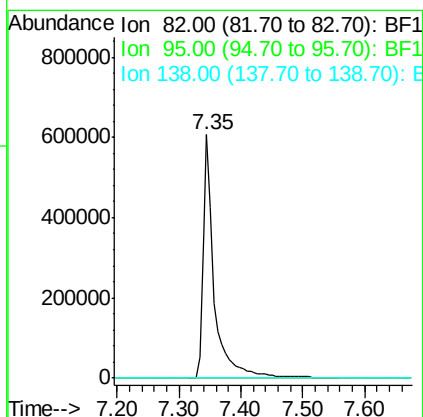
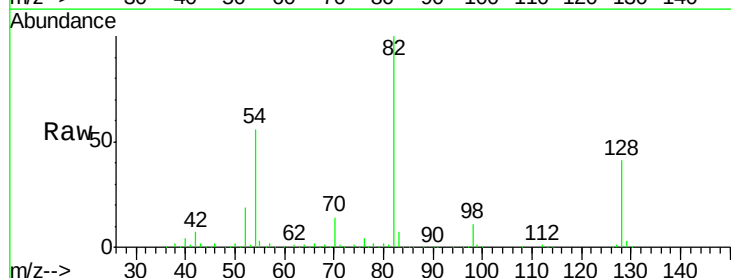
Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMP

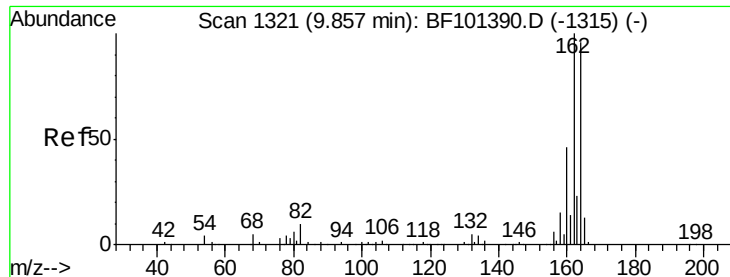
Tgt Ion: 82 Resp: 778295
 Ion Ratio Lower Upper
 82 100
 128 40.8 36.1 54.1
 54 55.7 41.4 62.2



#25
 Isophorone
 Concen: 38.588 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.26 min
 Lab File: BF101925.D
 Acq: 5 Jan 2018 13:13

Tgt Ion: 82 Resp: 778295
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#

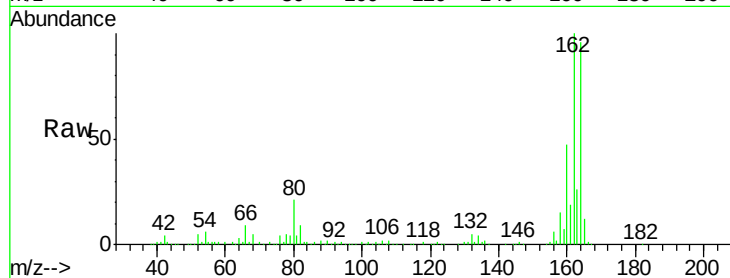




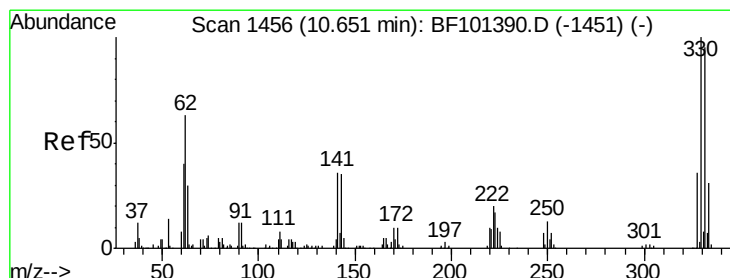
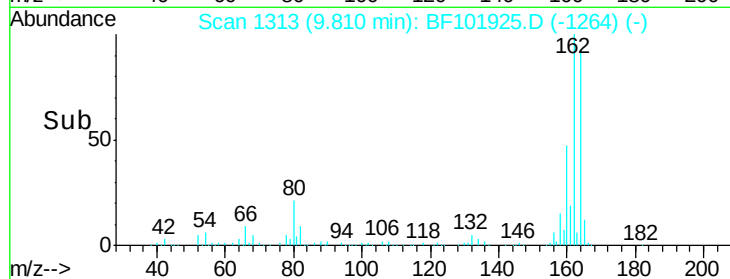
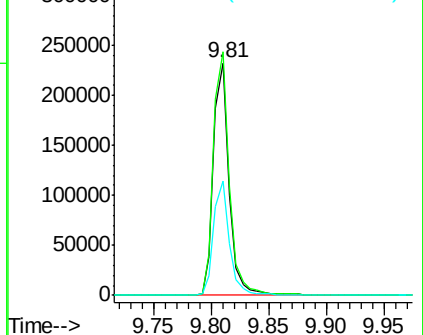
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF101925.D
 Acq: 5 Jan 2018 13:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMP

Tgt Ion:164 Resp: 220302
 Ion Ratio Lower Upper
 164 100
 162 104.6 86.1 129.1
 160 49.4 38.3 57.5

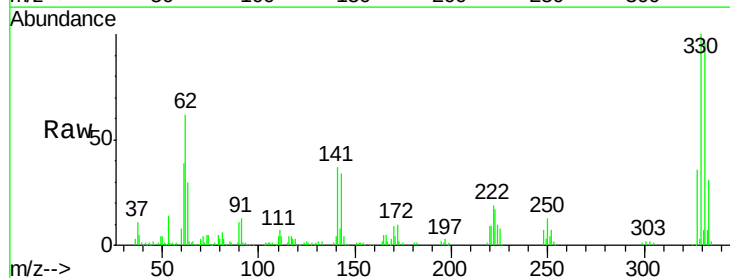


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

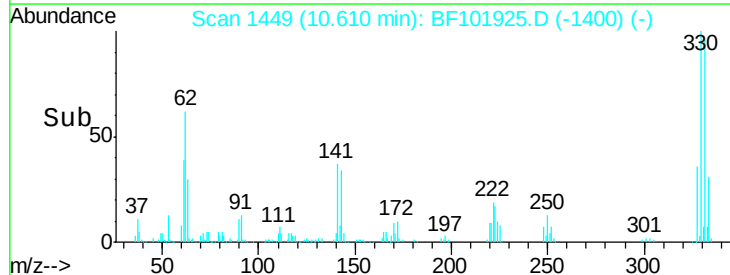
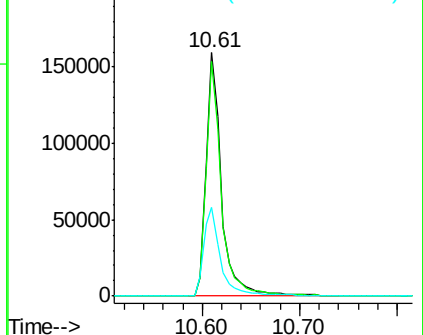


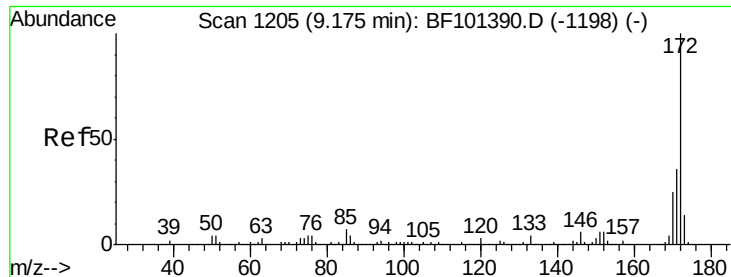
#41
 2,4,6-Tribromophenol
 Concen: 82.531 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.01 min
 Lab File: BF101925.D
 Acq: 5 Jan 2018 13:13

Tgt Ion:330 Resp: 175195
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 39.8 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

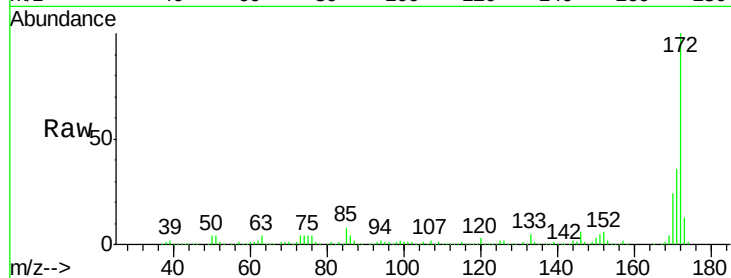




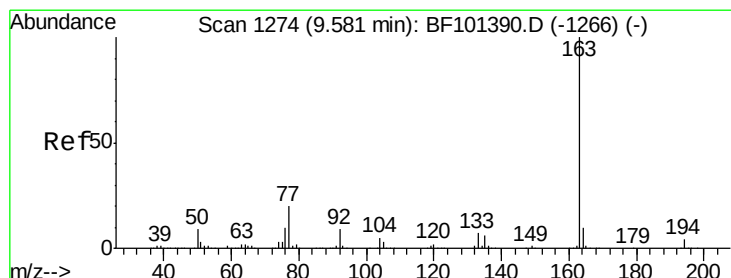
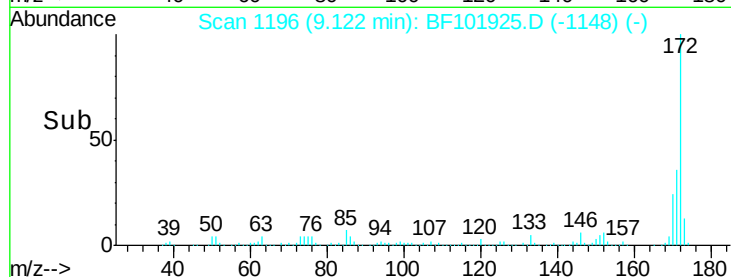
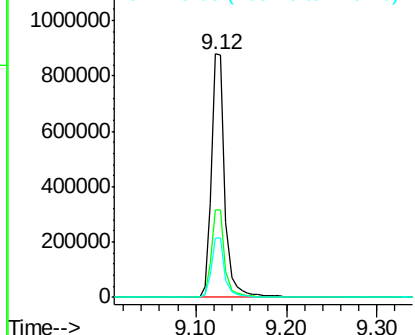
#44
2-Fluorobiphenyl
Concen: 65.278 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.02 min
Lab File: BF101925.D
Acq: 5 Jan 2018 13:13

Instrument :
BNA_F
ClientSampleId :
SB-15-COMP

Tgt Ion:172 Resp: 927060
Ion Ratio Lower Upper
172 100
171 35.8 29.7 44.5
170 24.2 19.6 29.4

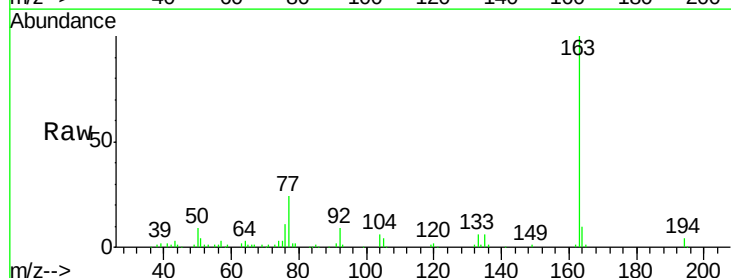


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

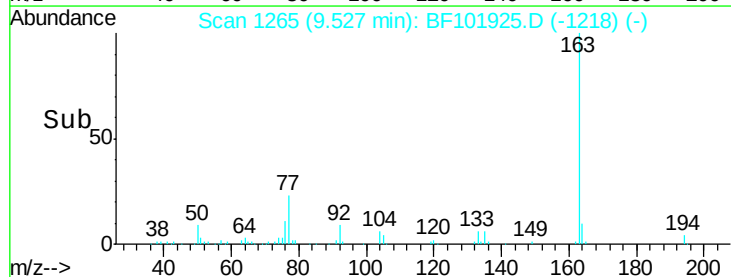
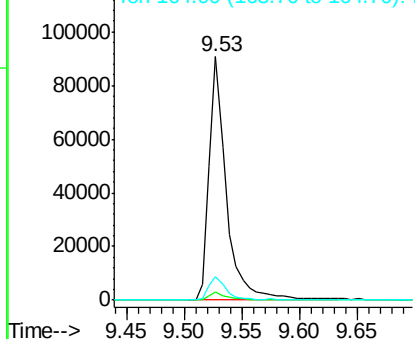


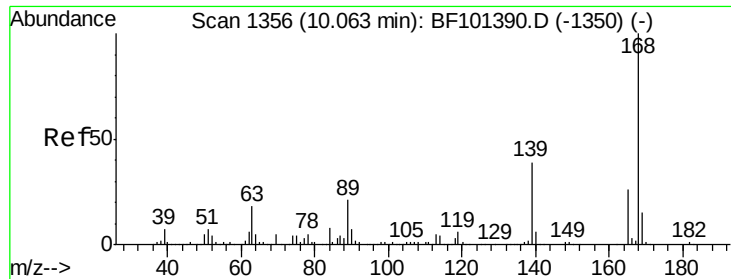
#49
Dimethylphthalate
Concen: 5.339 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF101925.D
Acq: 5 Jan 2018 13:13

Tgt Ion:163 Resp: 94611
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.8 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

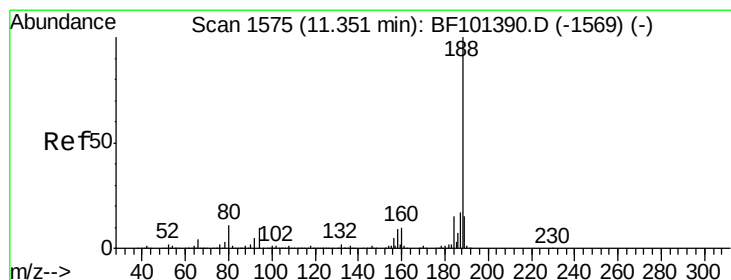
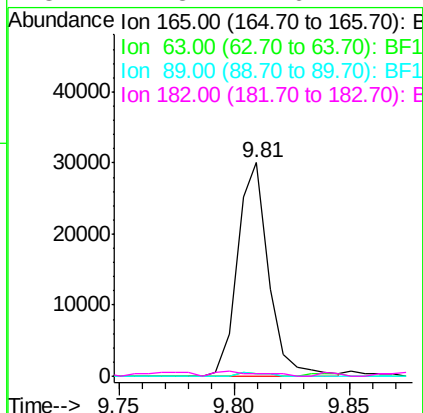
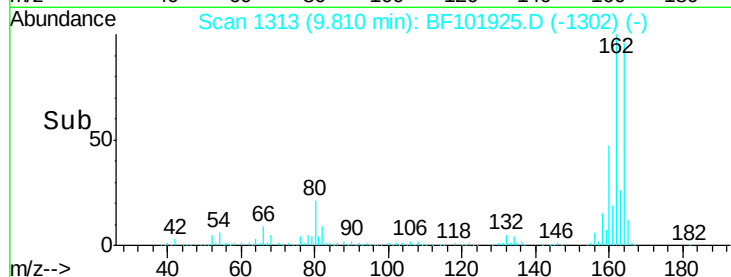
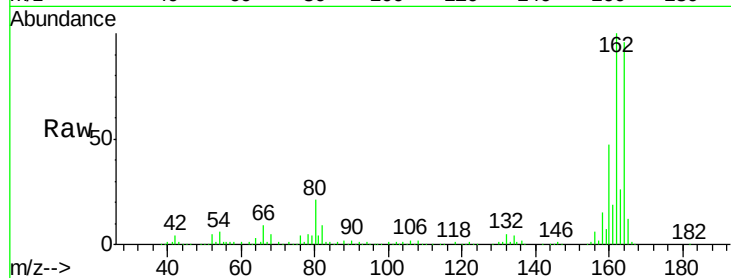




#56
 2,4-Dinitrotoluene
 Concen: 7.001 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.24 min
 Lab File: BF101925.D
 Acq: 5 Jan 2018 13:13

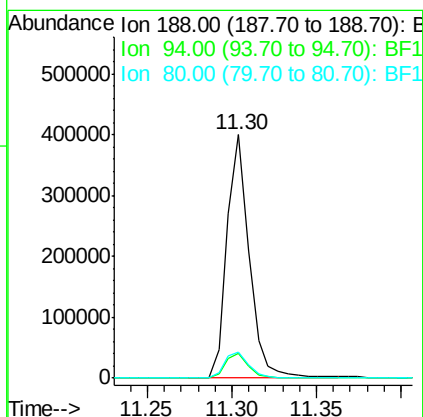
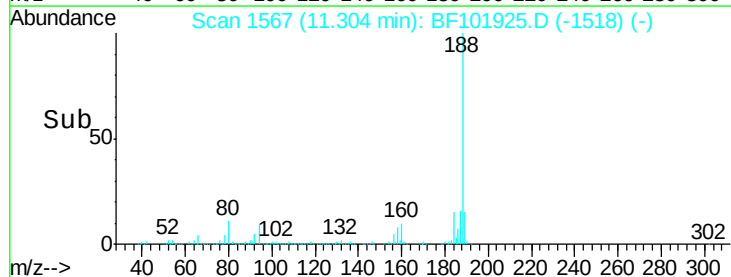
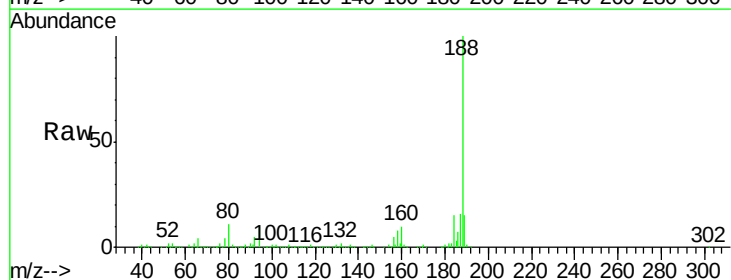
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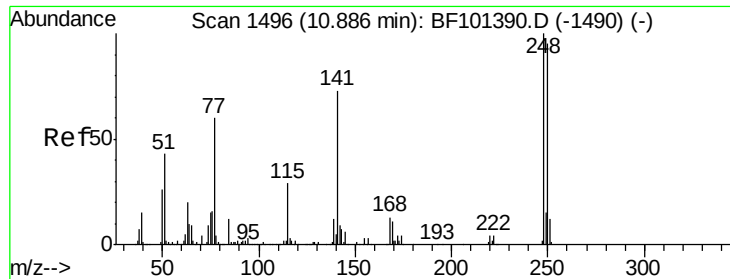
Tgt Ion:	165	Resp:	28409
Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.3	57.8	86.6#
182	1.3	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BF101925.D
 Acq: 5 Jan 2018 13:13

Tgt Ion:	188	Resp:	367187
Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	10.7	9.2	13.8

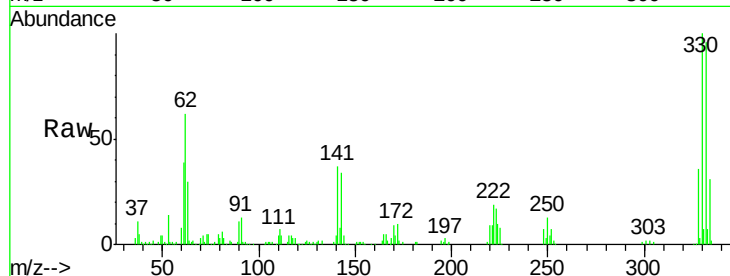




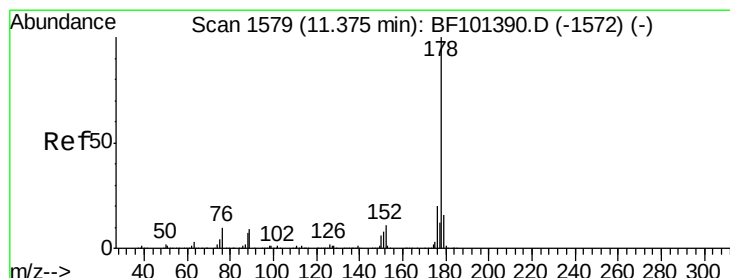
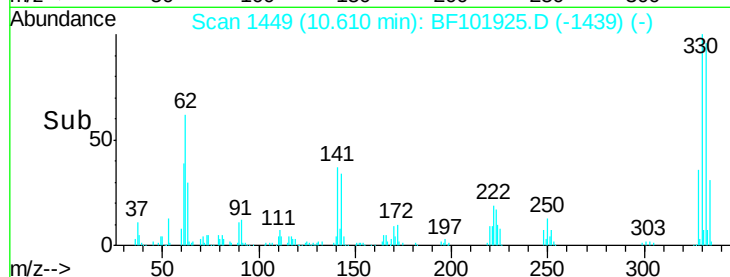
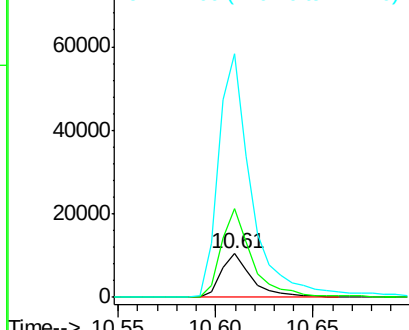
#66
 4-Bromophenyl-phenylether
 Concen: 2.755 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.24 min
 Lab File: BF101925.D
 Acq: 5 Jan 2018 13:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMP

Tgt Ion:248 Resp: 11368
 Ion Ratio Lower Upper
 248 100
 250 205.3 76.9 115.3#
 141 560.3 74.4 111.6#

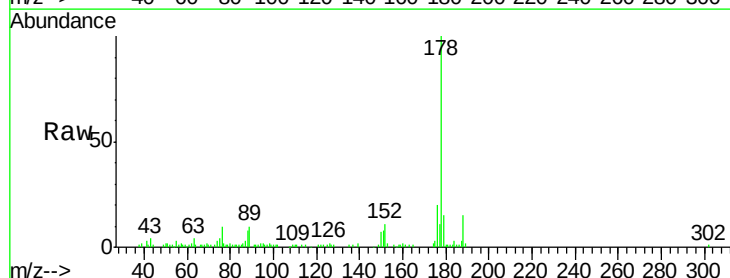


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

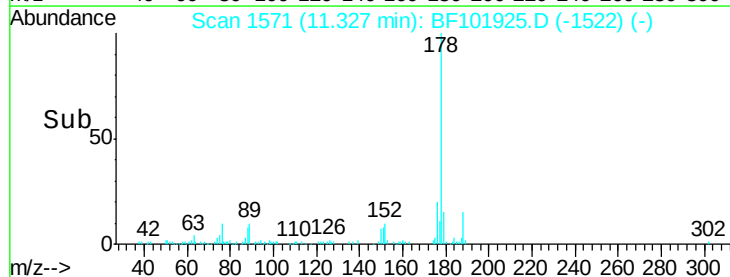
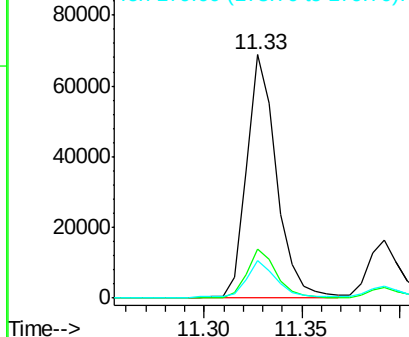


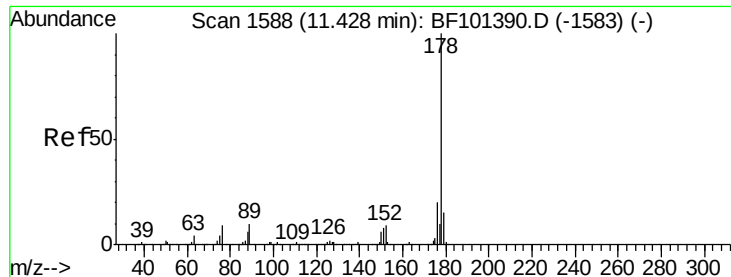
#70
 Phenanthrene
 Concen: 3.581 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF101925.D
 Acq: 5 Jan 2018 13:13

Tgt Ion:178 Resp: 73119
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.8 23.8
 179 15.4 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

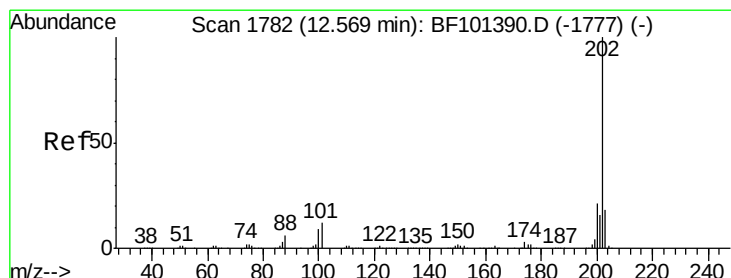
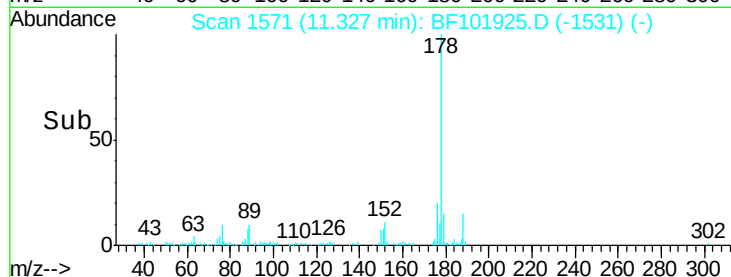
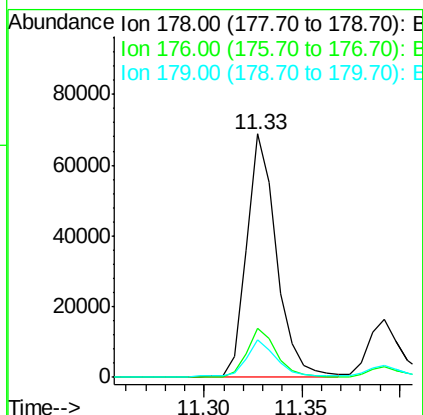
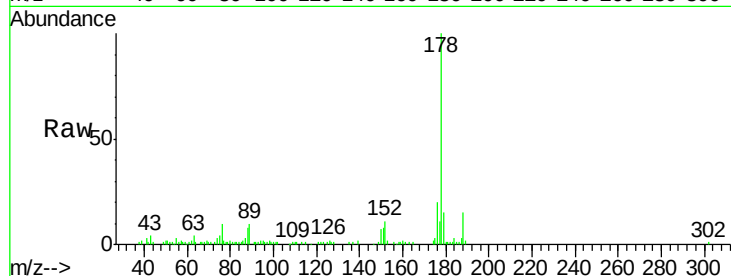




#71
 Anthracene
 Concen: 3.506 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.06 min
 Lab File: BF101925.D
 Acq: 5 Jan 2018 13:13

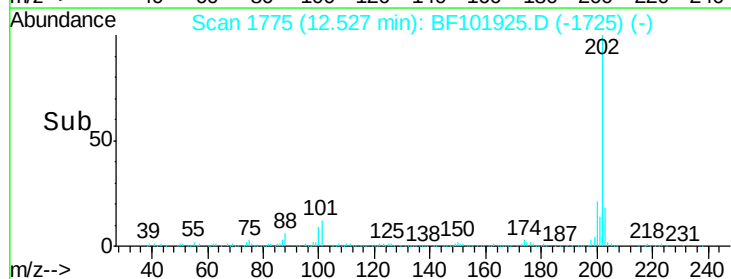
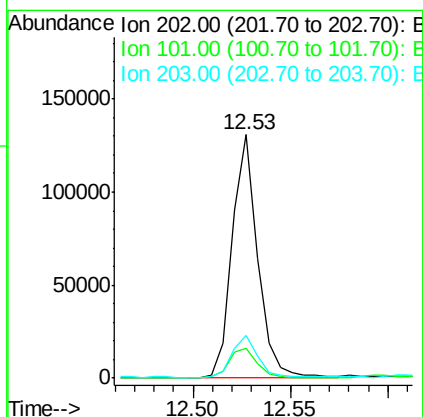
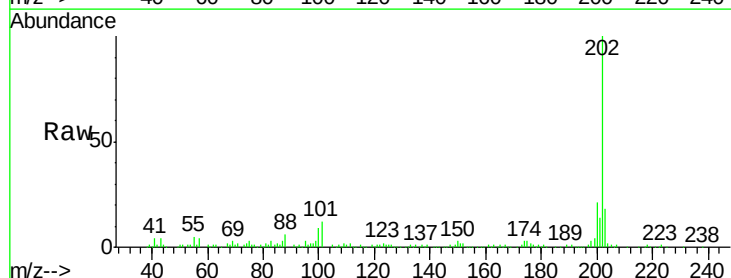
Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMP

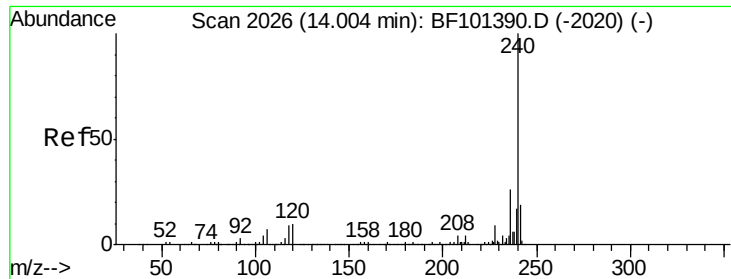
Tgt Ion:178 Resp: 73119
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.4 23.2
 179 15.4 12.6 19.0



#74
 Fluoranthene
 Concen: 5.590 ng
 RT: 12.53 min Scan# 1775
 Delta R.T. -0.01 min
 Lab File: BF101925.D
 Acq: 5 Jan 2018 13:13

Tgt Ion:202 Resp: 119820
 Ion Ratio Lower Upper
 202 100
 101 12.3 0.0 34.1
 203 17.5 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.02 min

Lab File: BF101925.D

Acq: 5 Jan 2018 13:13

Instrument :

BNA_F

ClientSampleId :

SB-15-COMP

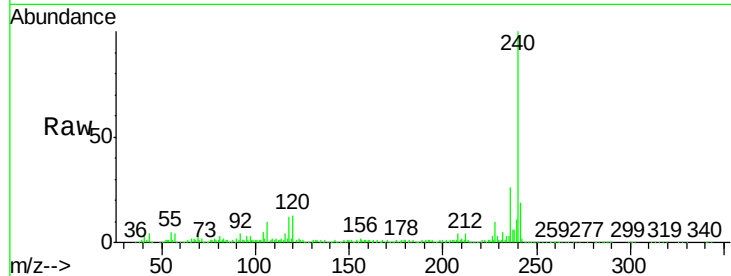
Tgt Ion:240 Resp: 283642

Ion Ratio Lower Upper

240 100

120 13.3 9.5 14.3

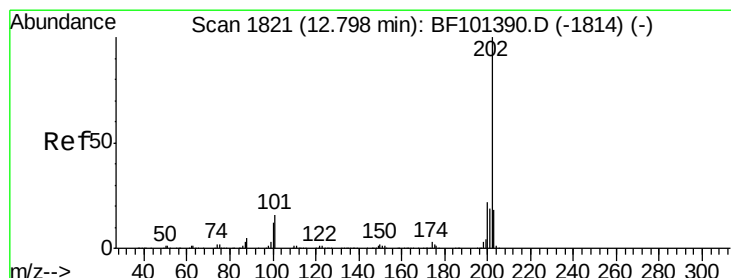
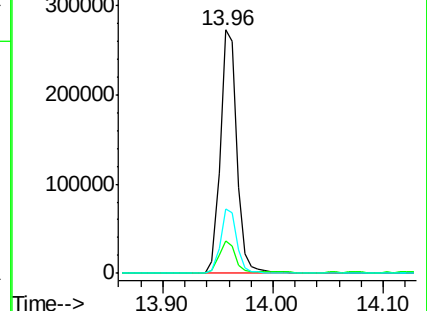
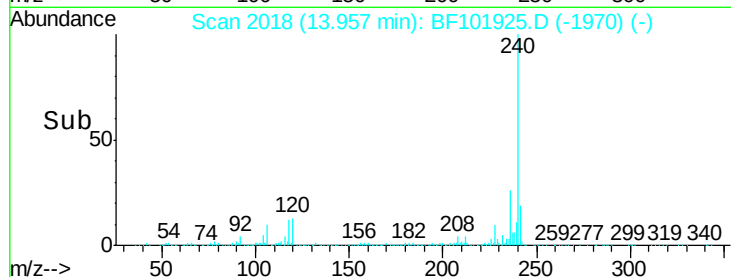
236 26.3 20.7 31.1



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

Pyrene

Concen: 5.100 ng

RT: 12.76 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BF101925.D

Acq: 5 Jan 2018 13:13

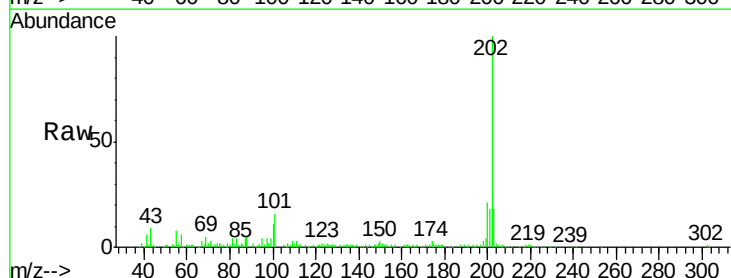
Tgt Ion:202 Resp: 108565

Ion Ratio Lower Upper

202 100

200 20.9 17.4 26.2

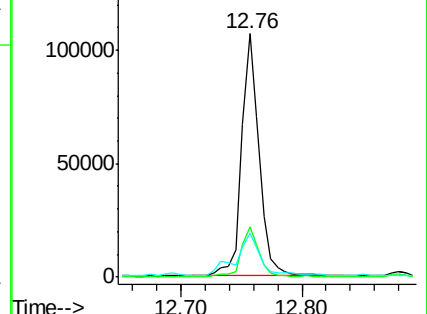
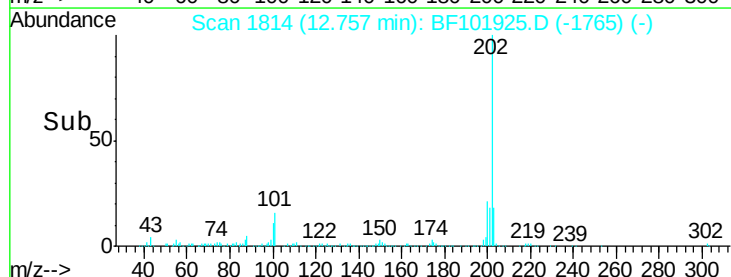
203 18.1 14.3 21.5

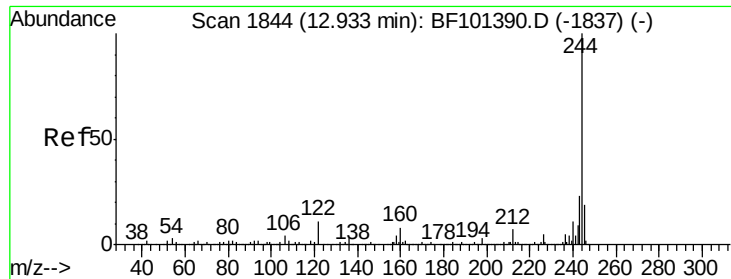


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 55.413 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BF101925.D

Acq: 5 Jan 2018 13:13

Instrument :

BNA_F

ClientSampleId :

SB-15-COMP

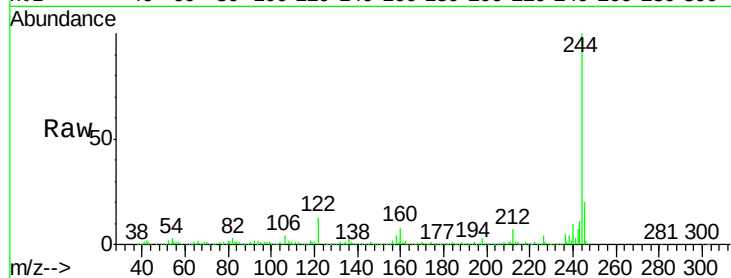
Tgt Ion:244 Resp: 651968

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

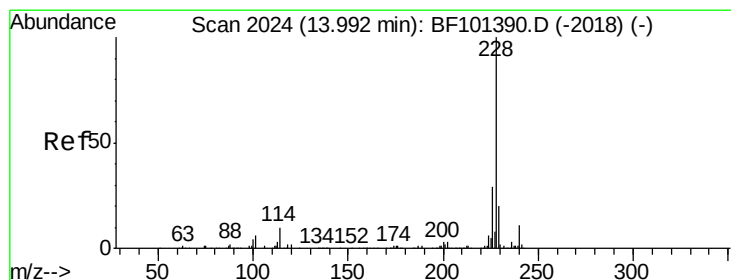
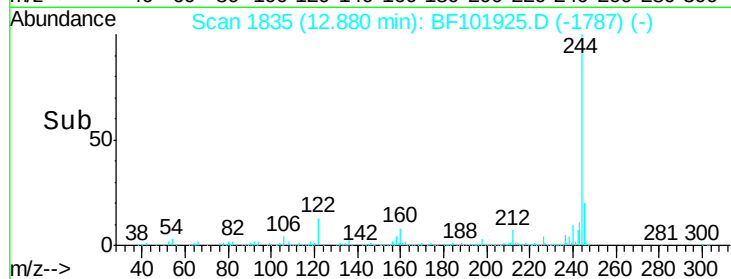
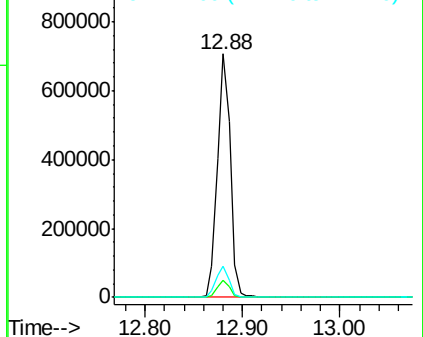
122 12.6 11.0 16.4



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: 2.873 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.02 min

Lab File: BF101925.D

Acq: 5 Jan 2018 13:13

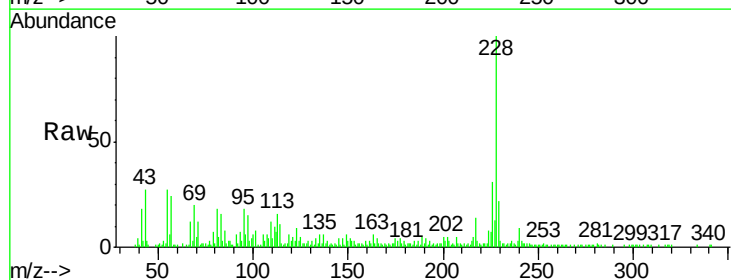
Tgt Ion:228 Resp: 53817

Ion Ratio Lower Upper

228 100

226 30.8 22.6 33.8

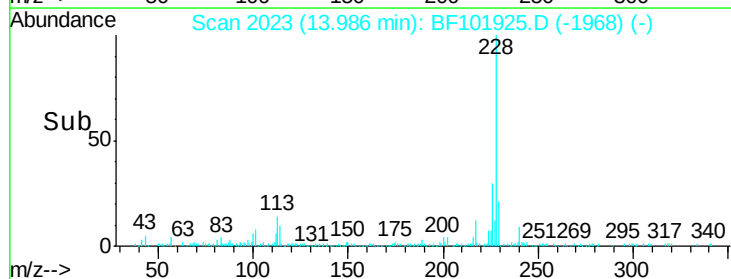
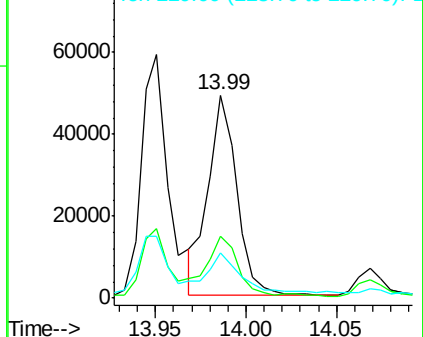
229 22.1 15.8 23.6

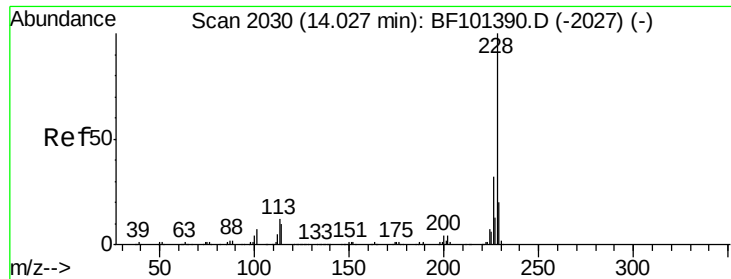


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 3.043 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF101925.D

Acq: 5 Jan 2018 13:13

Instrument :

BNA_F

ClientSampleId :

SB-15-COMP

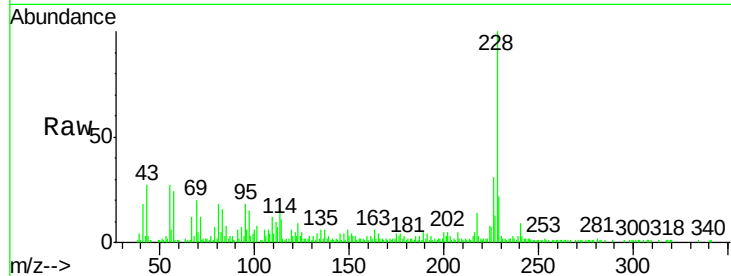
Tgt Ion:228 Resp: 53817

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.6

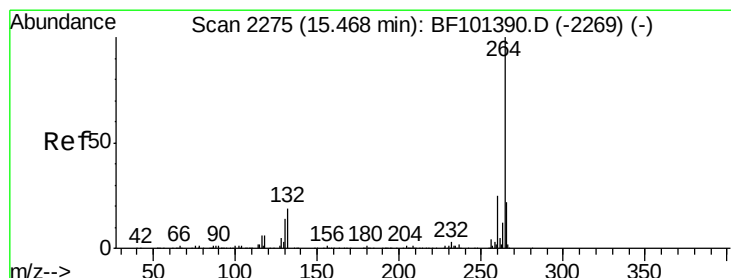
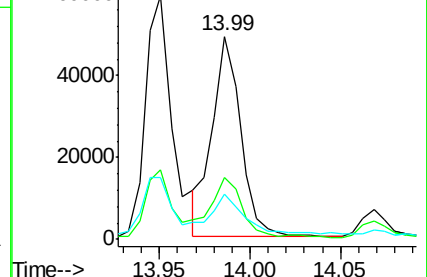
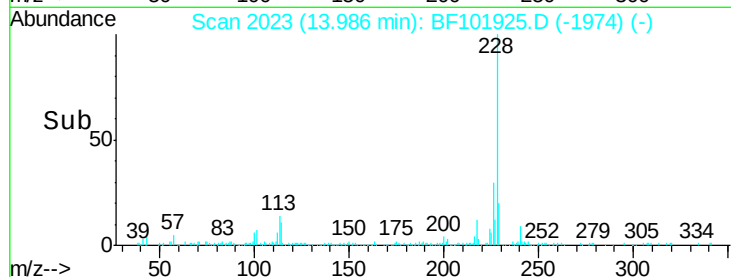
229 22.1 16.2 24.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2269

Delta R.T. -0.01 min

Lab File: BF101925.D

Acq: 5 Jan 2018 13:13

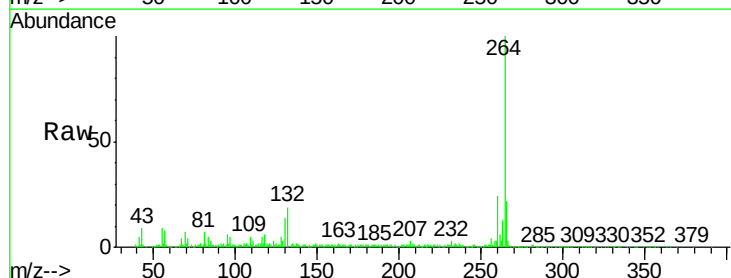
Tgt Ion:264 Resp: 243353

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

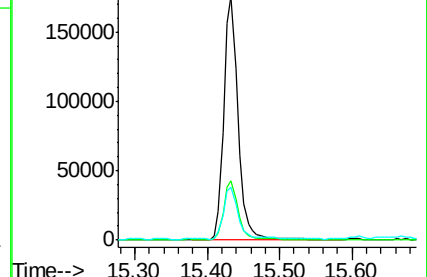
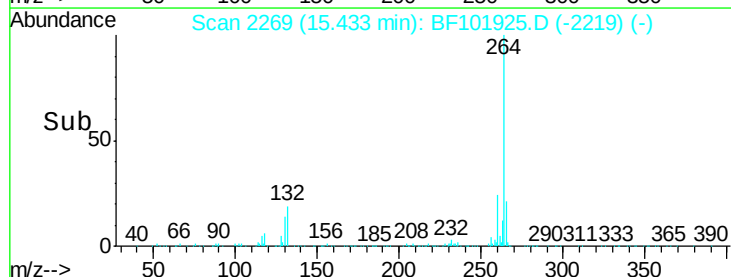
265 21.7 17.5 26.3

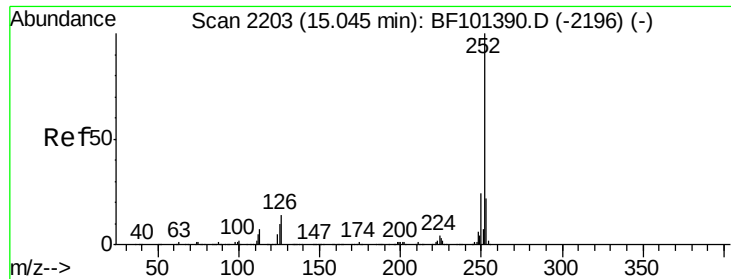


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

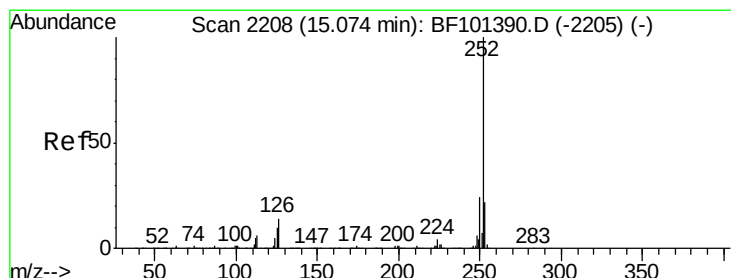
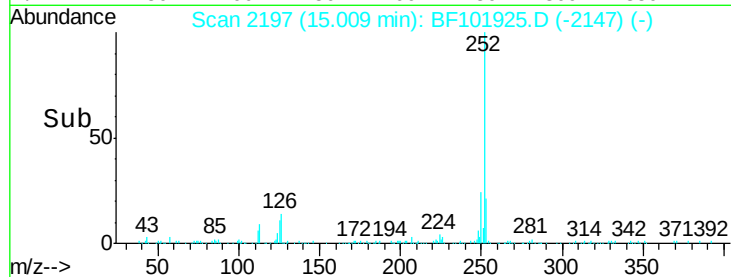
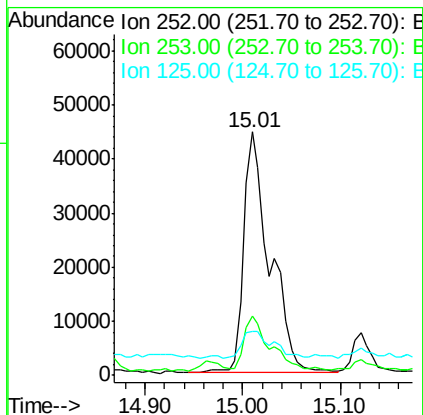
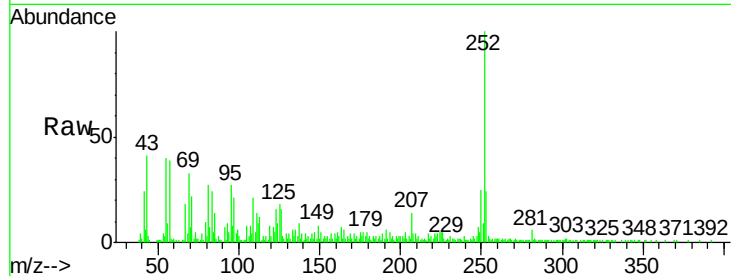




#87
Benzo(b)fluoranthene
Concen: 5.641 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BF101925.D
Acq: 5 Jan 2018 13:13

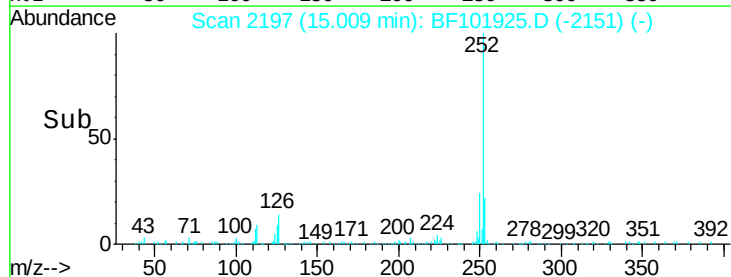
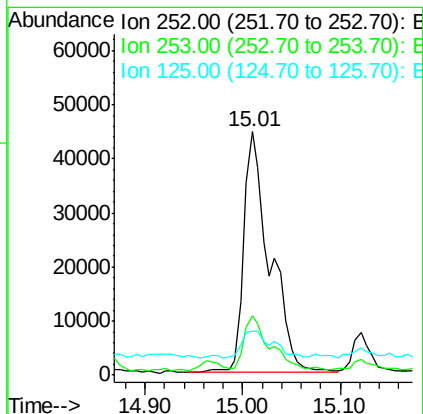
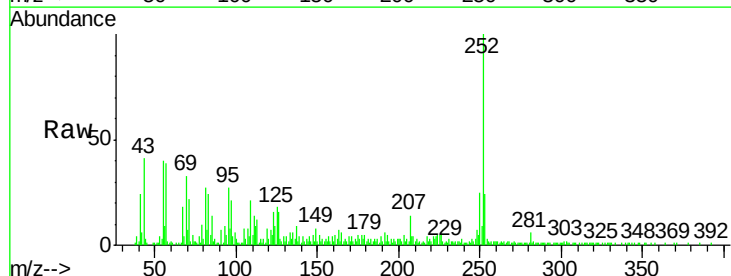
Instrument :
BNA_F
ClientSampleId :
SB-15-COMP

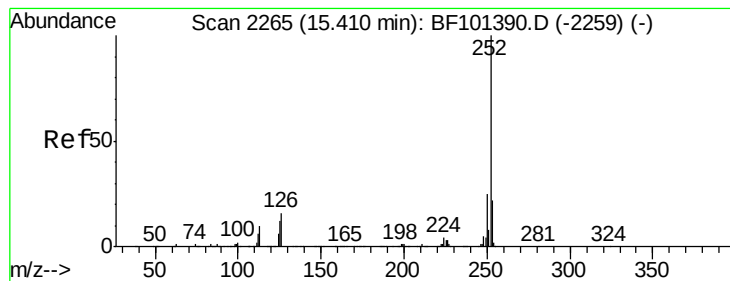
Tgt Ion:252 Resp: 83672
Ion Ratio Lower Upper
252 100
253 24.5 17.0 25.6
125 18.2 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 5.802 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.03 min
Lab File: BF101925.D
Acq: 5 Jan 2018 13:13

Tgt Ion:252 Resp: 83672
Ion Ratio Lower Upper
252 100
253 24.5 17.9 26.9
125 18.2 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 3.107 ng

RT: 15.38 min Scan# 2260

Delta R.T. 0.00 min

Lab File: BF101925.D

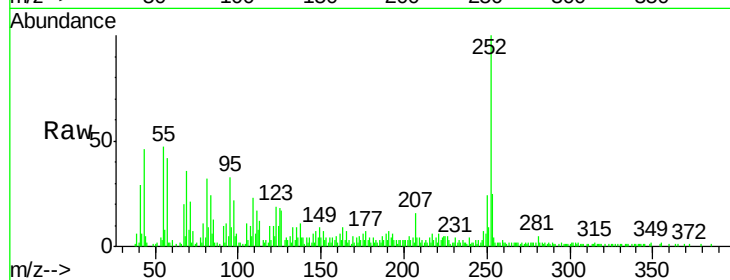
Acq: 5 Jan 2018 13:13

Instrument :

BNA_F

ClientSampleId :

SB-15-COMP



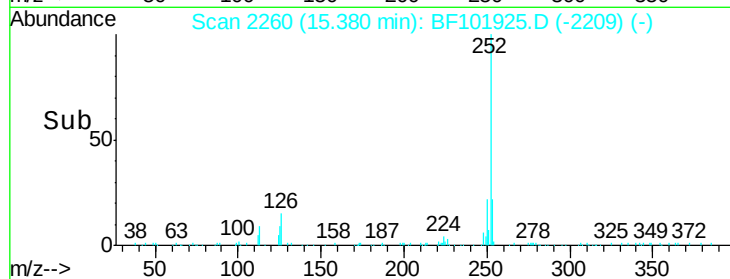
Tgt Ion: 252 Resp: 42489

Ion Ratio Lower Upper

252 100

253 24.8 17.1 25.7

125 18.3 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

