

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF010518\
 Data File : BF101929.D
 Acq On : 5 Jan 2018 15:01
 Operator : SJ/JU
 Sample : J1004-20
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-11-COMP

Quant Time: Jan 05 15:46:48 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

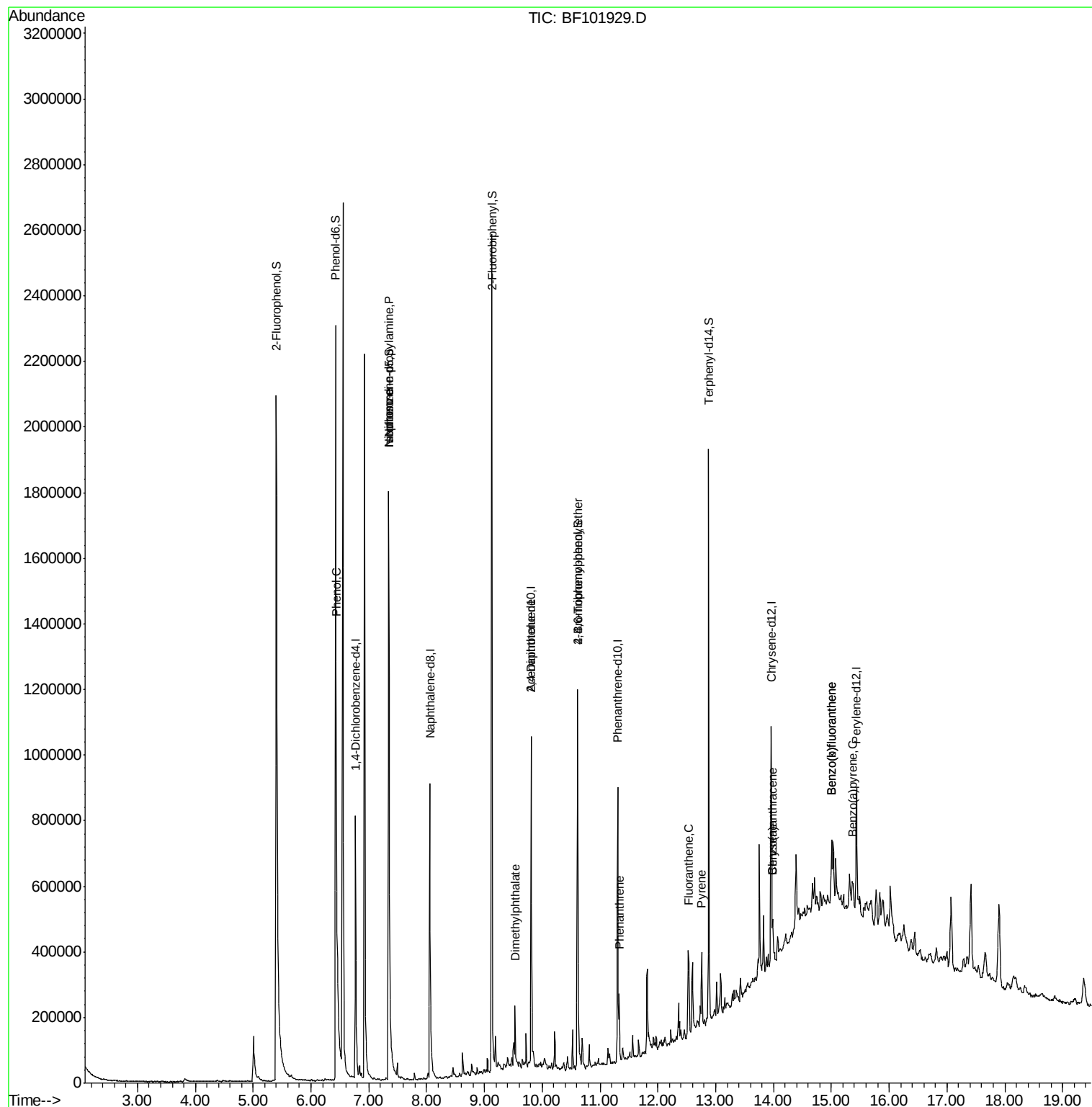
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	141444	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	540992	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	200479	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	296382	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	265604	20.00	ng	-0.01
86) Perylene-d12	15.43	264	208287	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1027855	108.25	ng	0.00
7) Phenol-d6	6.43	99	1213459	102.68	ng	0.00
23) Nitrobenzene-d5	7.35	82	745372	76.70	ng	-0.02
41) 2,4,6-Tribromophenol	10.61	330	149636	77.46	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	880820	68.15	ng	-0.01
78) Terphenyl-d14	12.88	244	559747	50.81	ng	-0.02
Target Compounds						
10) Phenol	6.44	94	53608	3.980	ng	Qvalue # 37
19) n-Nitroso-di-n-propylamine	7.35	70	101550	13.085	ng	# 84
25) Isophorone	7.35	82	745372	38.232	ng	# 64
49) Dimethylphthalate	9.53	163	81925	5.080	ng	99
56) 2,4-Dinitrotoluene	9.81	165	26939	7.295	ng	# 24
66) 4-Bromophenyl-phenylether	10.61	248	10236	3.074	ng	# 1
70) Phenanthrene	11.33	178	72198	4.380	ng	99
74) Fluoranthene	12.53	202	98228	5.678	ng	98
77) Pyrene	12.76	202	82924	4.160	ng	98
80) Benzo(a)anthracene	13.99	228	48920	2.789	ng	98
82) Chrysene	13.99	228	48920	2.954	ng	98
87) Benzo(b)fluoranthene	15.01	252	76949	6.061	ng	# 89
88) Benzo(k)fluoranthene	15.01	252	76949	6.234	ng	# 92
89) Benzo(a)pyrene	15.38	252	38413	3.282	ng	# 86

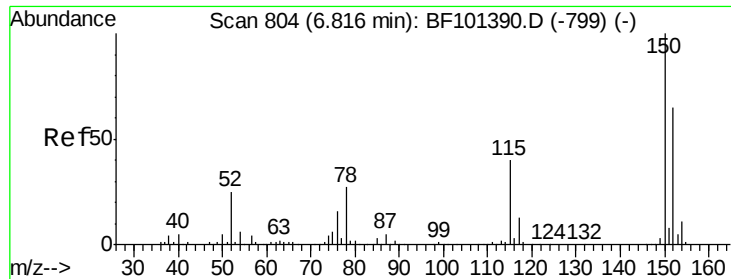
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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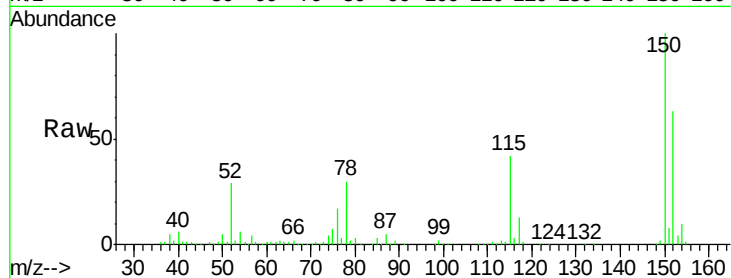




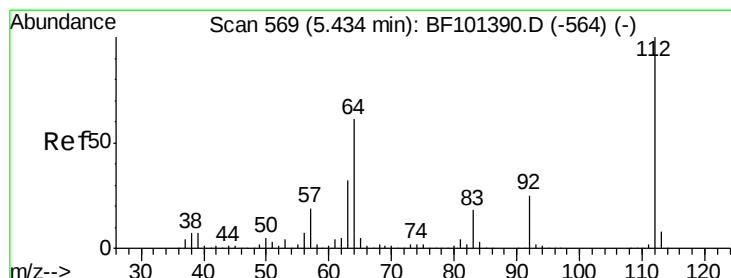
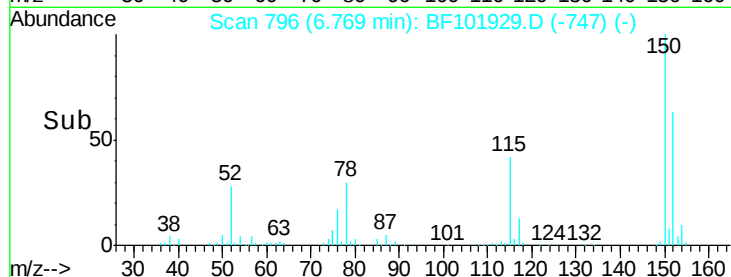
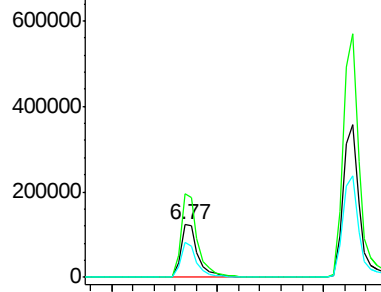
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF101929.D
 Acq: 5 Jan 2018 15:01

Instrument :
 BNA_F
 ClientSampleId :
 SB-11-COMP

Tgt Ion:152 Resp: 141444
 Ion Ratio Lower Upper
 152 100
 150 159.5 124.6 186.8
 115 67.7 50.1 75.1

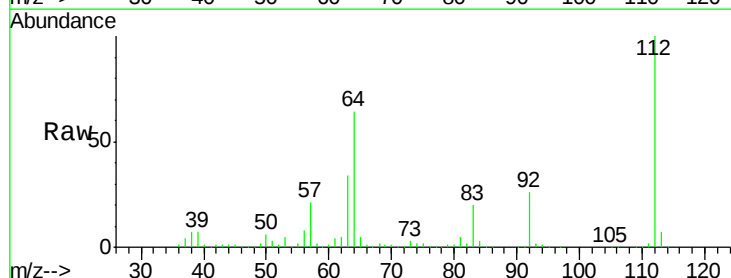


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

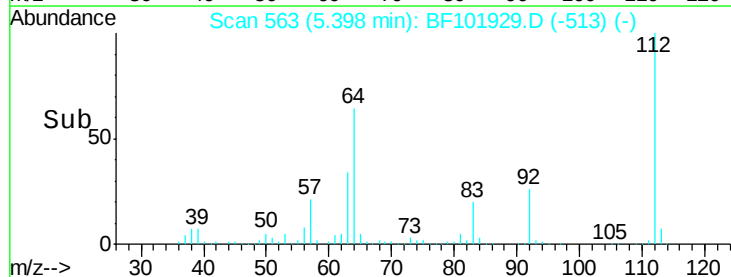
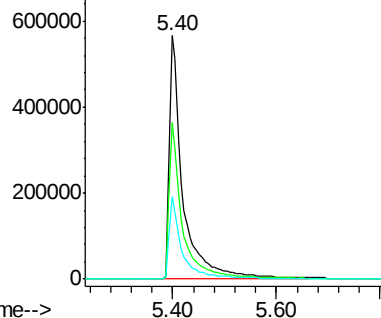


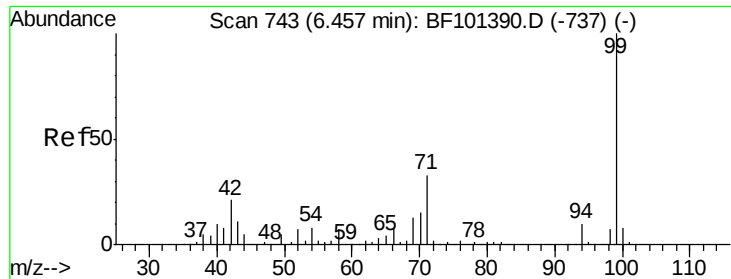
#5
 2-Fluorophenol
 Concen: 108.246 ng
 RT: 5.40 min Scan# 563
 Delta R.T. -0.01 min
 Lab File: BF101929.D
 Acq: 5 Jan 2018 15:01

Tgt Ion:112 Resp: 1027855
 Ion Ratio Lower Upper
 112 100
 64 64.3 47.9 71.9
 63 33.6 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: 102.682 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF101929.D

Acq: 5 Jan 2018 15:01

Instrument :

BNA_F

ClientSampleId :

SB-11-COMP

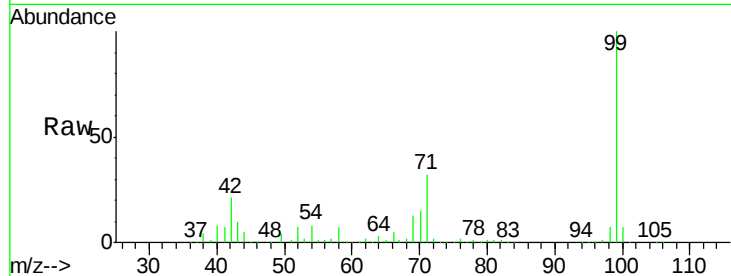
Tgt Ion: 99 Resp: 1213459

Ion Ratio Lower Upper

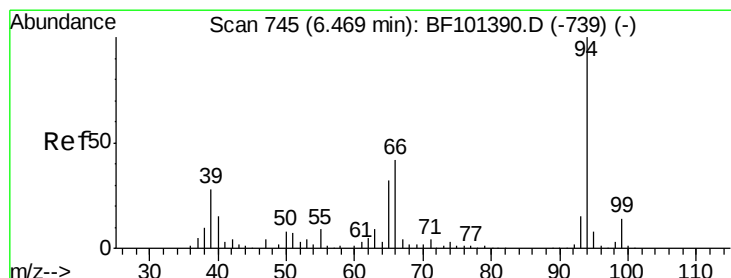
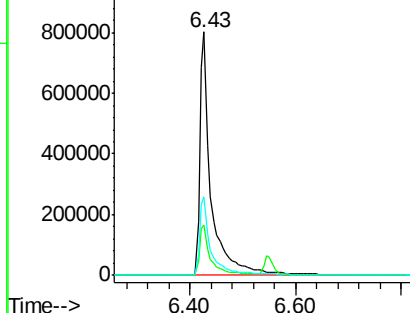
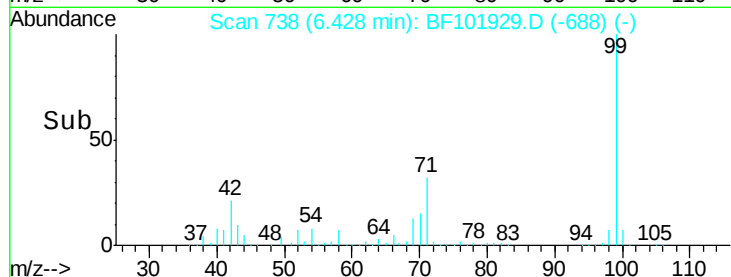
99 100

42 20.8 14.5 21.7

71 32.4 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: 3.980 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF101929.D

Acq: 5 Jan 2018 15:01

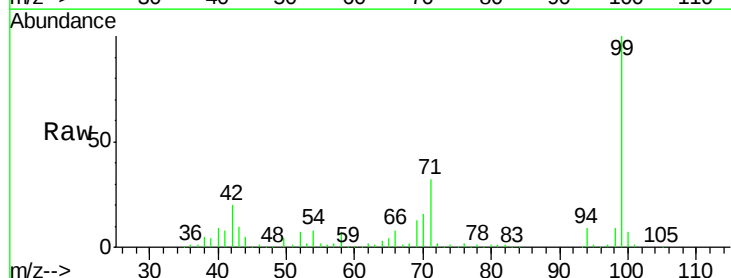
Tgt Ion: 94 Resp: 53608

Ion Ratio Lower Upper

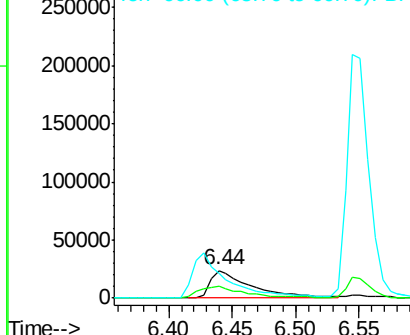
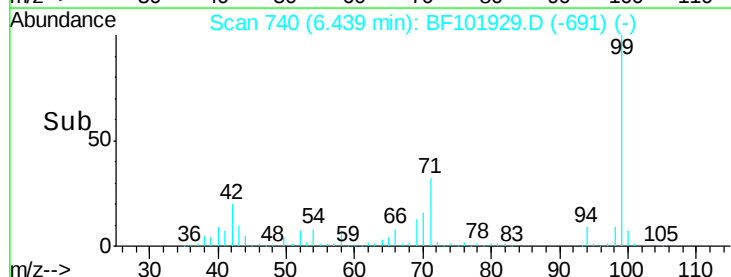
94 100

65 41.2 7.9 47.9

66 90.4 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

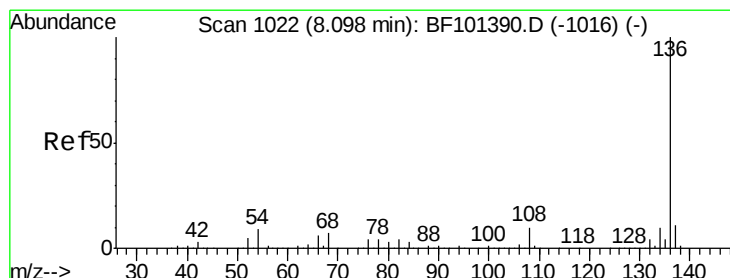
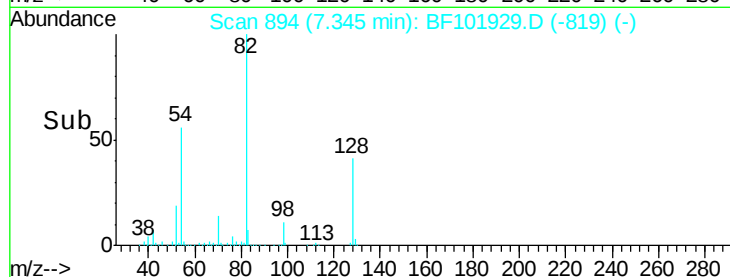
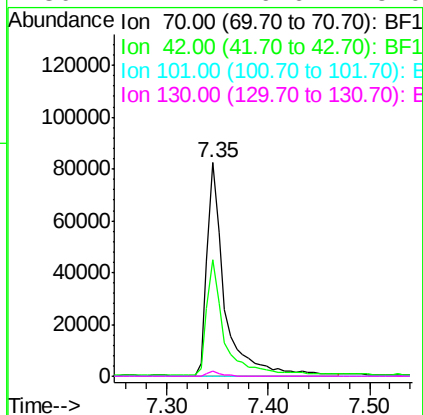
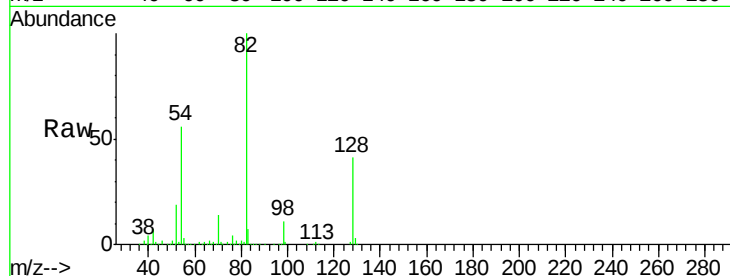




#19
n-Nitroso-di-n-propylamine
Concen: 13.085 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.14 min
Lab File: BF101929.D
Acq: 5 Jan 2018 15:01

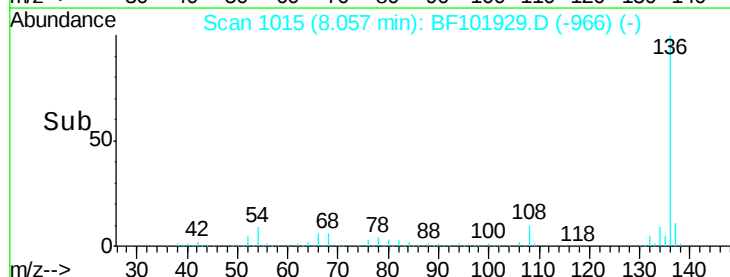
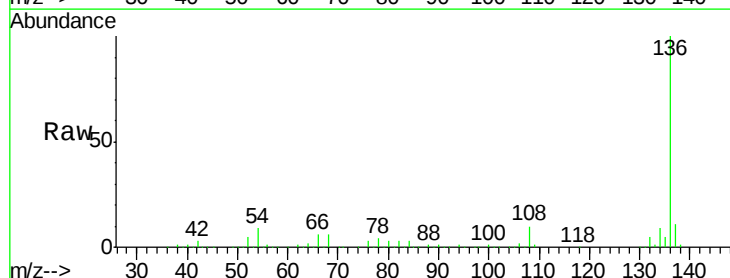
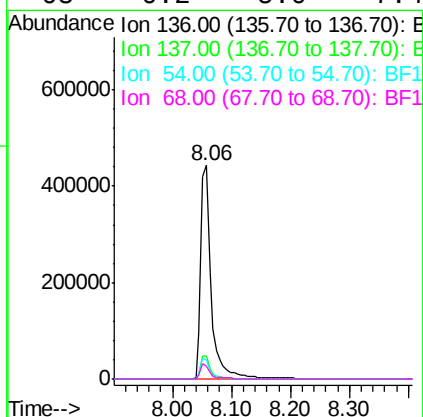
Instrument :
BNA_F
ClientSampleId :
SB-11-COMP

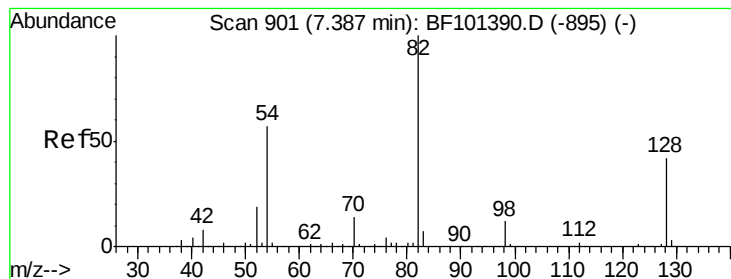
Tgt Ion: 70 Resp: 101550
Ion Ratio Lower Upper
70 100
42 54.4 47.5 71.3
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF101929.D
Acq: 5 Jan 2018 15:01

Tgt Ion: 136 Resp: 540992
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 8.8 6.6 9.8
68 6.2 5.0 7.4





#23

Nitrobenzene-d5

Concen: 76.696 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.02 min

Lab File: BF101929.D

Acq: 5 Jan 2018 15:01

Instrument :

BNA_F

ClientSampleId :

SB-11-COMP

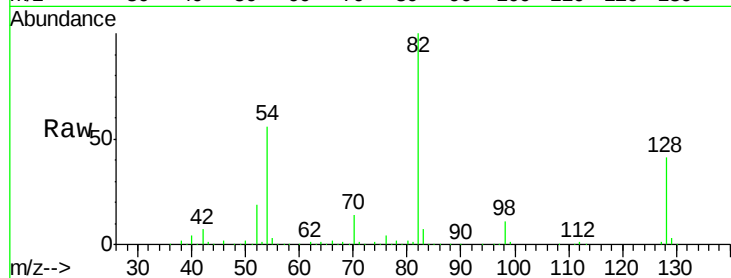
Tgt Ion: 82 Resp: 745372

Ion Ratio Lower Upper

82 100

128 41.0 36.1 54.1

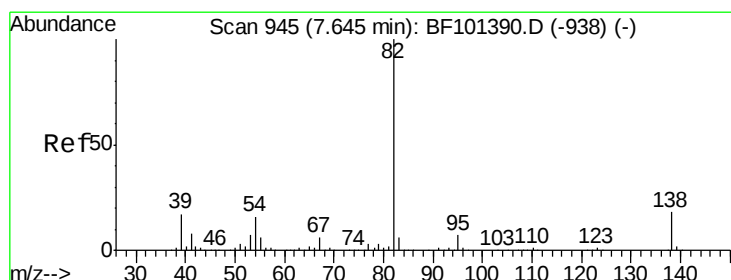
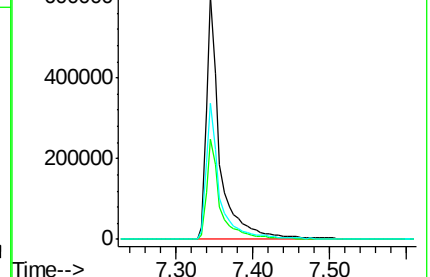
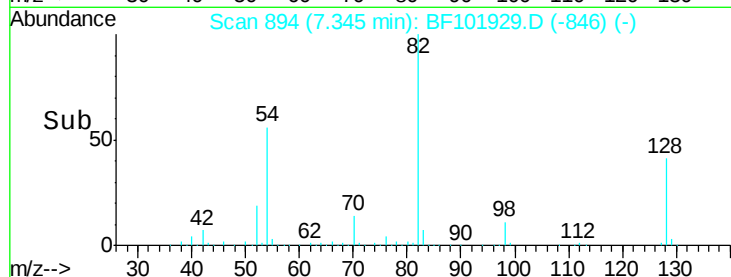
54 56.1 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 38.232 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.26 min

Lab File: BF101929.D

Acq: 5 Jan 2018 15:01

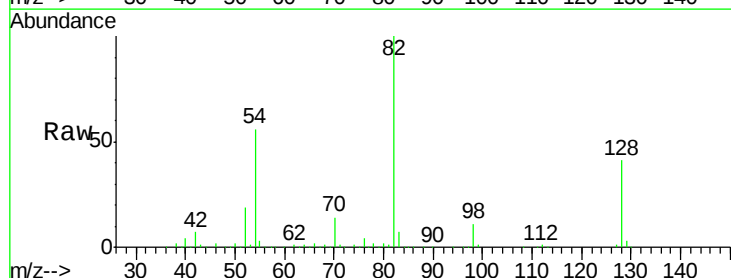
Tgt Ion: 82 Resp: 745372

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

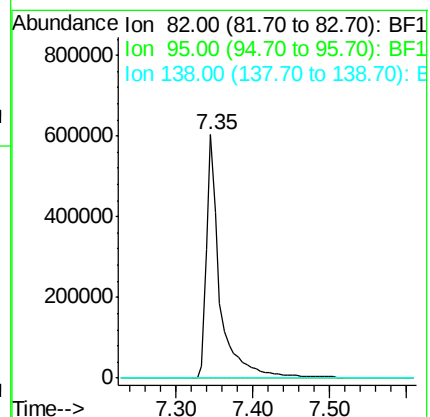
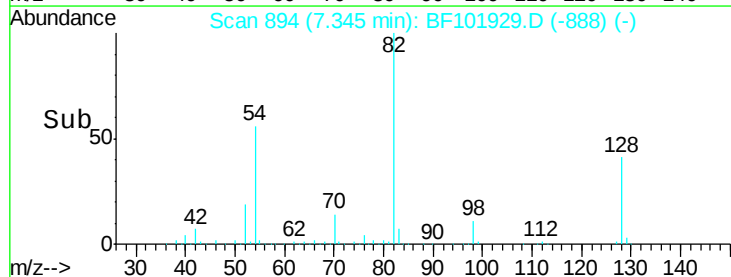
138 0.0 14.9 22.3#

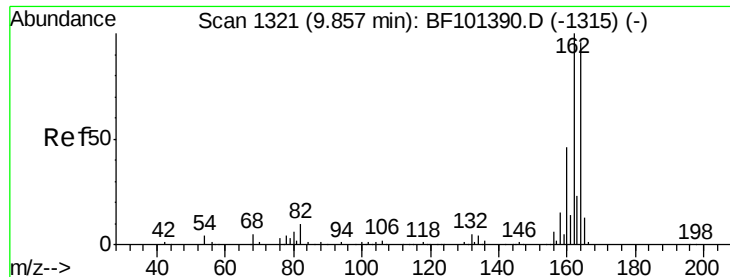


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

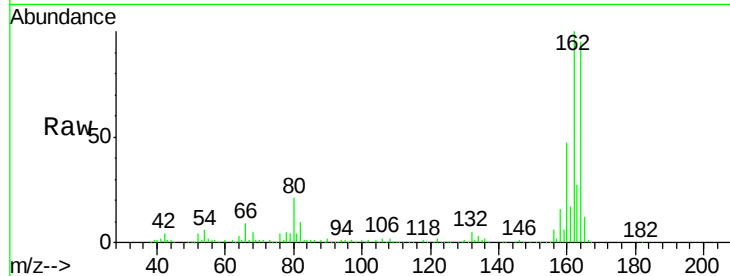




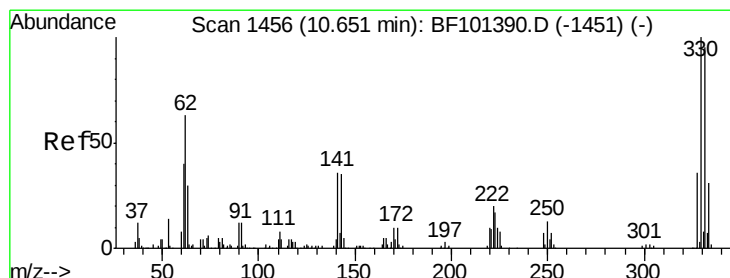
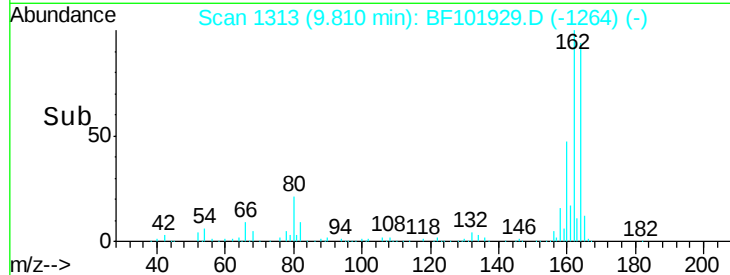
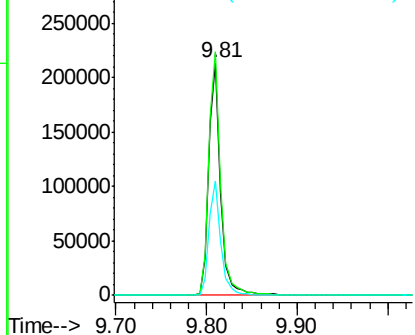
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF101929.D
 Acq: 5 Jan 2018 15:01

Instrument :
 BNA_F
 ClientSampleId :
 SB-11-COMP

Tgt Ion:164 Resp: 200479
 Ion Ratio Lower Upper
 164 100
 162 104.8 86.1 129.1
 160 49.2 38.3 57.5

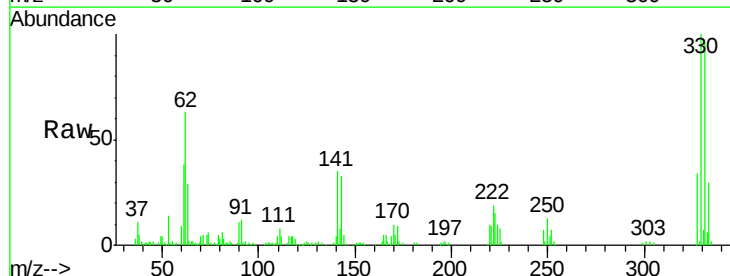


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

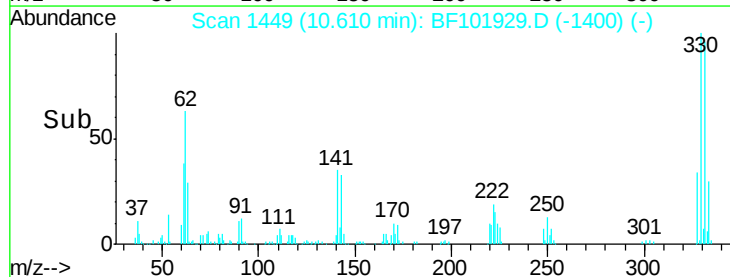
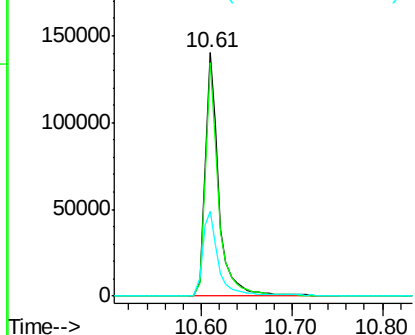


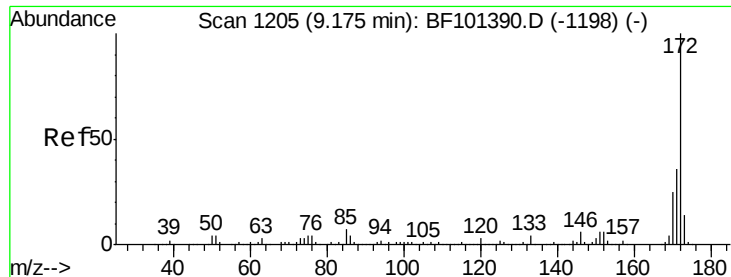
#41
 2,4,6-Tribromophenol
 Concen: 77.460 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.01 min
 Lab File: BF101929.D
 Acq: 5 Jan 2018 15:01

Tgt Ion:330 Resp: 149636
 Ion Ratio Lower Upper
 330 100
 332 93.7 77.0 115.6
 141 39.5 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

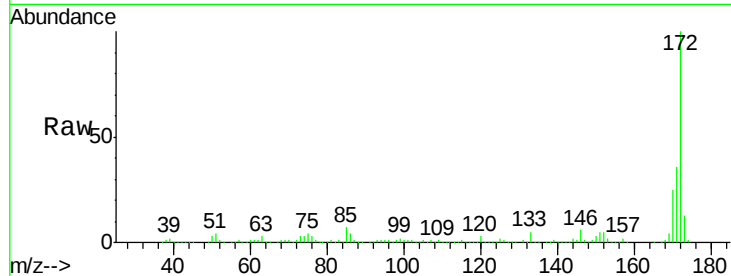




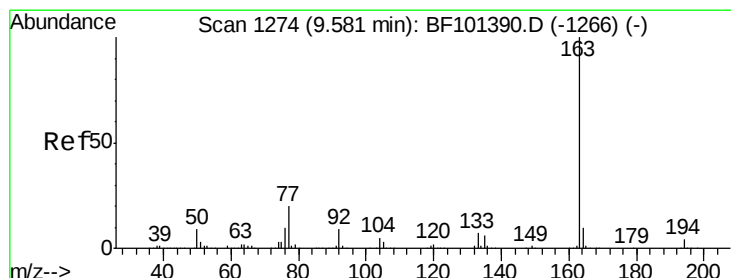
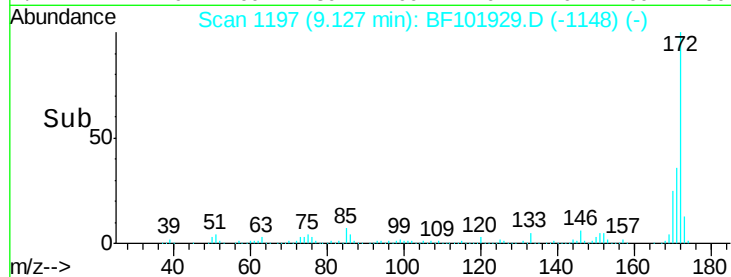
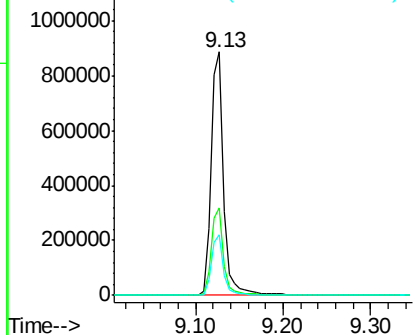
#44
 2-Fluorobiphenyl
 Concen: 68.155 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF101929.D
 Acq: 5 Jan 2018 15:01

Instrument :
 BNA_F
 ClientSampleId :
 SB-11-COMP

Tgt Ion:172 Resp: 880820
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 24.7 19.6 29.4

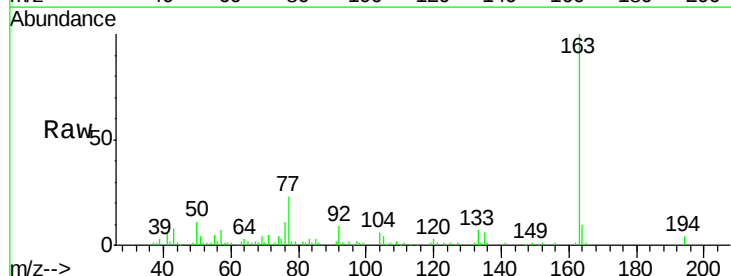


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

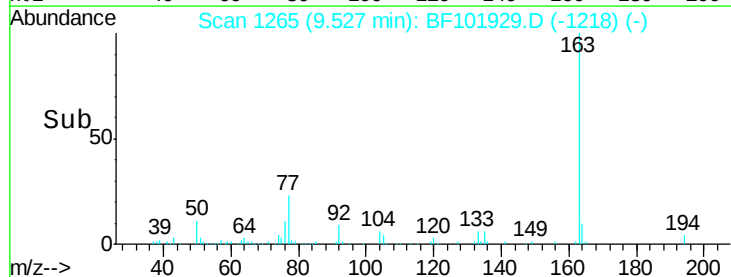
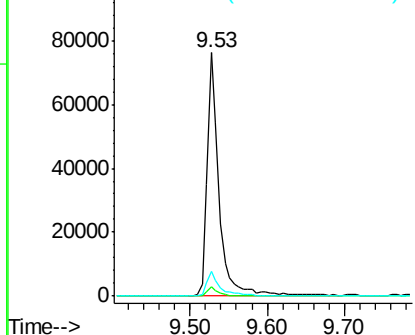


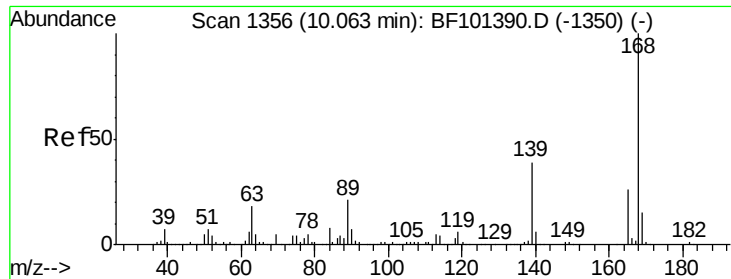
#49
 Dimethylphthalate
 Concen: 5.080 ng
 RT: 9.53 min Scan# 1265
 Delta R.T. -0.02 min
 Lab File: BF101929.D
 Acq: 5 Jan 2018 15:01

Tgt Ion:163 Resp: 81925
 Ion Ratio Lower Upper
 163 100
 194 4.0 2.7 4.1
 164 10.3 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

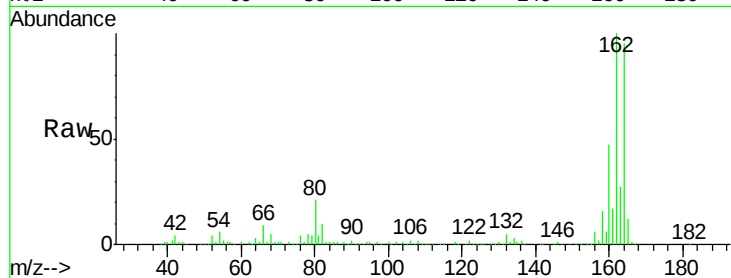




#56
 2,4-Dinitrotoluene
 Concen: 7.295 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.24 min
 Lab File: BF101929.D
 Acq: 5 Jan 2018 15:01

Instrument :
 BNA_F
 ClientSampleId :
 SB-11-COMP

Tgt Ion:	165	Resp:	26939
Ion	Ratio	Lower	Upper
165	100		
63	2.3	36.4	54.6#
89	2.0	57.8	86.6#
182	1.6	1.6	2.4

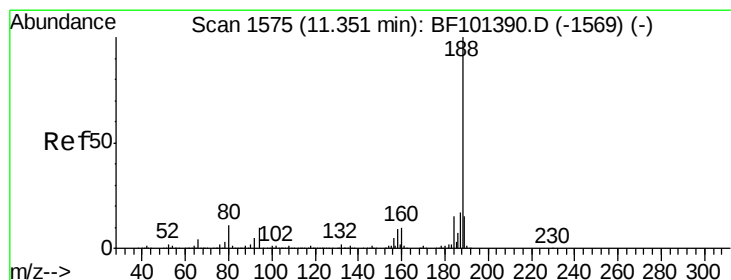
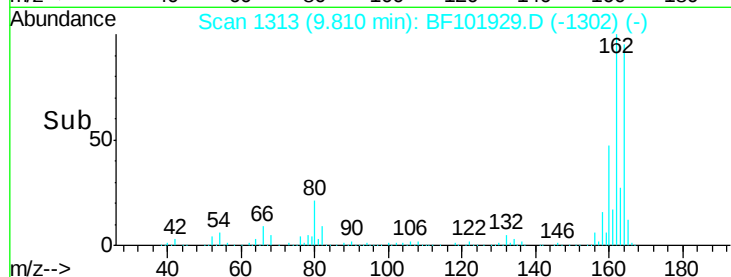
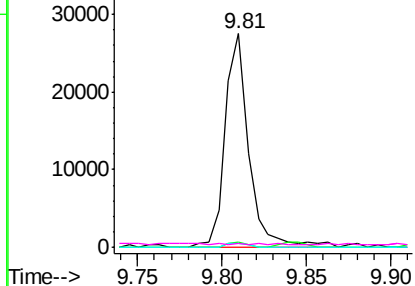


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

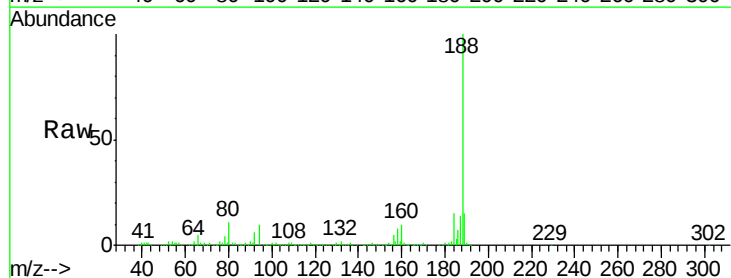
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BF101929.D
 Acq: 5 Jan 2018 15:01

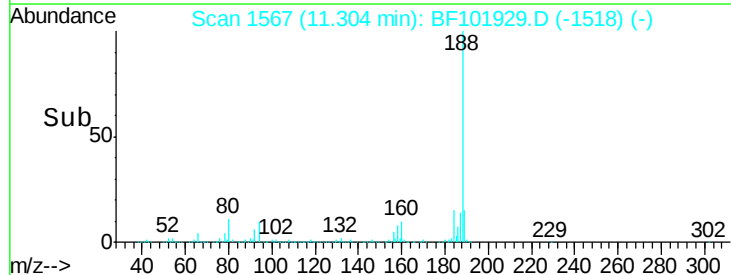
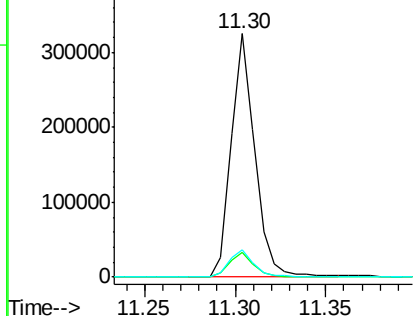
Tgt Ion:	188	Resp:	296382
Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	11.0	9.2	13.8

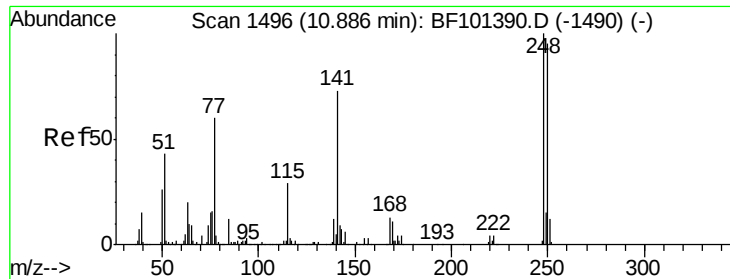


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

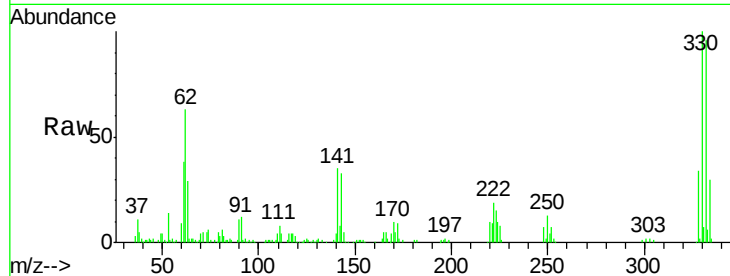




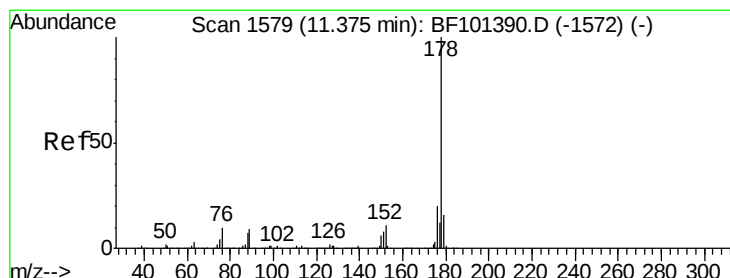
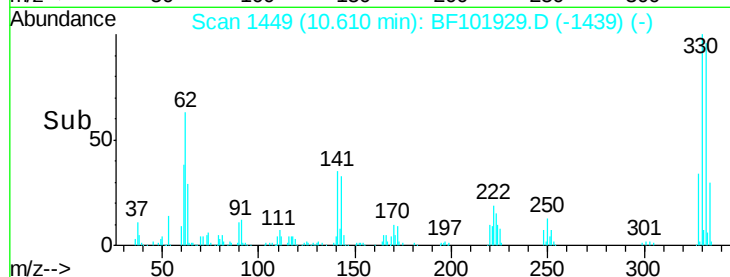
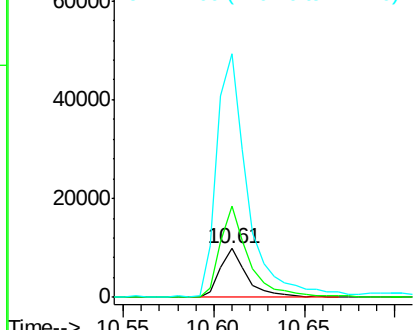
#66
4-Bromophenyl-phenylether
Concen: 3.074 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.24 min
Lab File: BF101929.D
Acq: 5 Jan 2018 15:01

Instrument :
BNA_F
ClientSampleId :
SB-11-COMP

Tgt Ion:248 Resp: 10236
Ion Ratio Lower Upper
248 100
250 185.3 76.9 115.3#
141 497.3 74.4 111.6#

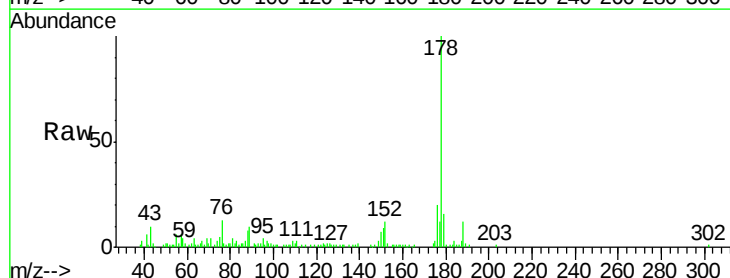


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

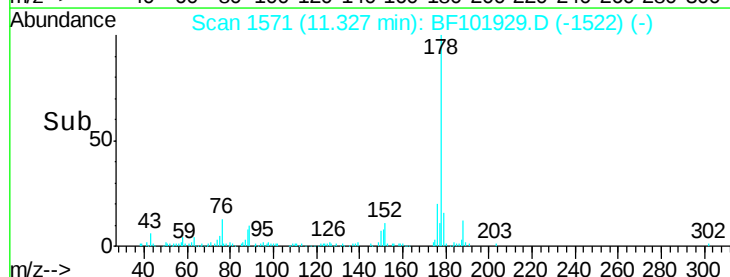
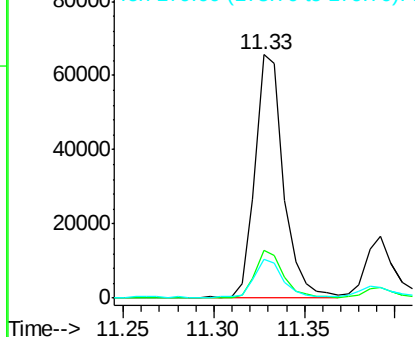


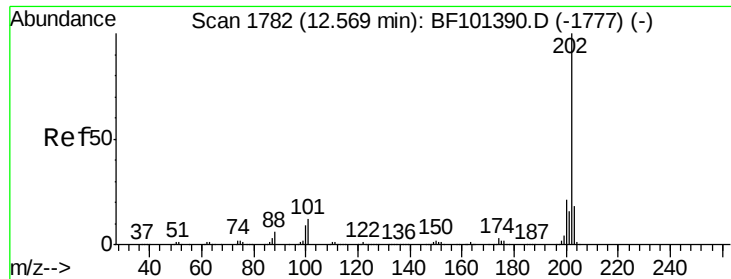
#70
Phenanthrene
Concen: 4.380 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF101929.D
Acq: 5 Jan 2018 15:01

Tgt Ion:178 Resp: 72198
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.8
179 15.9 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





#74

Fluoranthene

Concen: 5.678 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BF101929.D

Acq: 5 Jan 2018 15:01

Instrument :

BNA_F

ClientSampleId :

SB-11-COMP

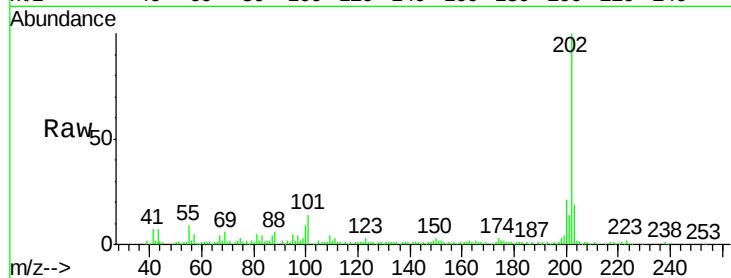
Tgt Ion:202 Resp: 98228

Ion Ratio Lower Upper

202 100

101 14.2 0.0 34.1

203 19.4 0.0 38.1

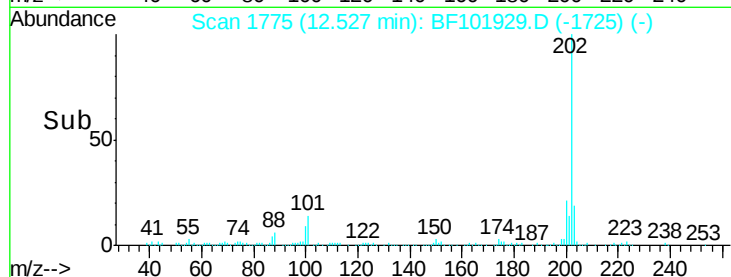


Abundance Ion 202.00 (201.70 to 202.70): E

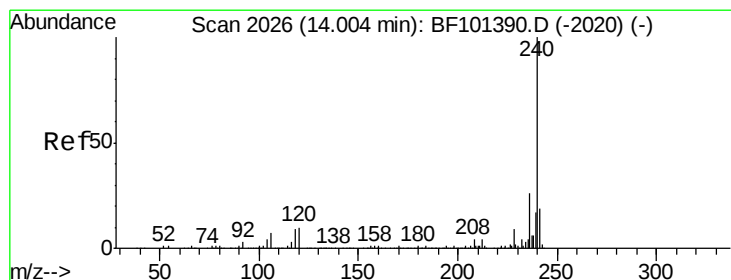
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

12.53



Time--> 12.45 12.50 12.55 12.60



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF101929.D

Acq: 5 Jan 2018 15:01

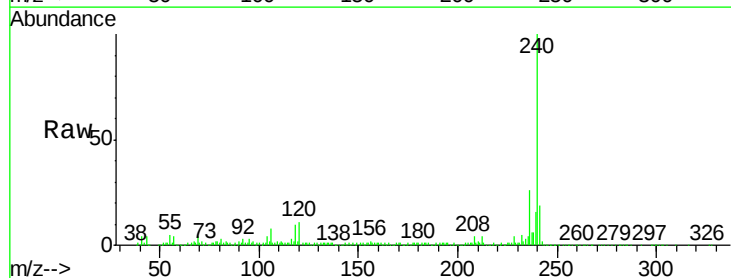
Tgt Ion:240 Resp: 265604

Ion Ratio Lower Upper

240 100

120 11.0 9.5 14.3

236 26.2 20.7 31.1

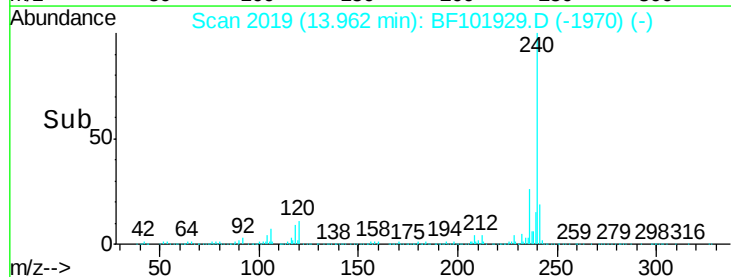


Abundance Ion 240.00 (239.70 to 240.70): E

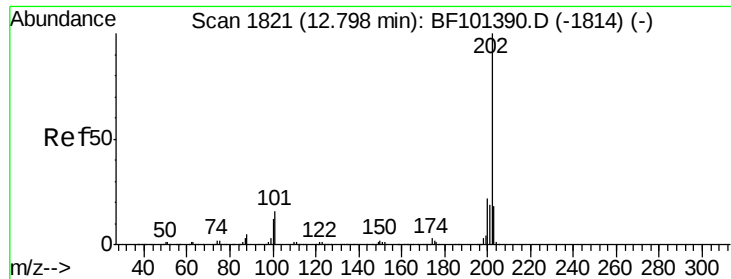
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.96



Time--> 13.90 14.00



#77

Pyrene

Concen: 4.160 ng

RT: 12.76 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BF101929.D

Acq: 5 Jan 2018 15:01

Instrument :

BNA_F

ClientSampleId :

SB-11-COMP

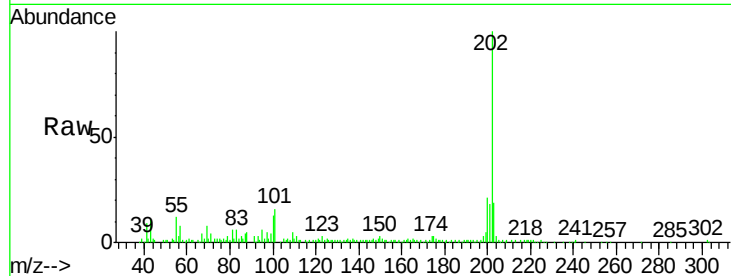
Tgt Ion:202 Resp: 82924

Ion Ratio Lower Upper

202 100

200 21.2 17.4 26.2

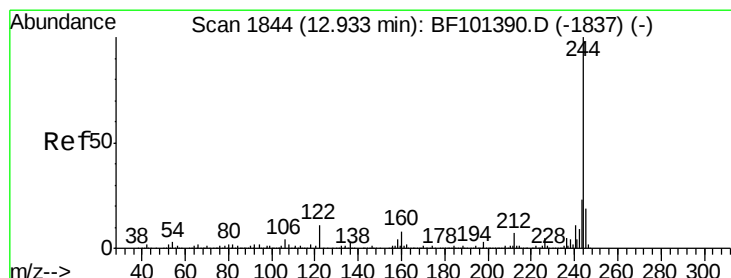
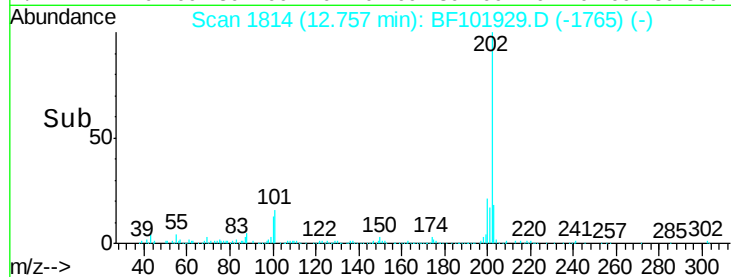
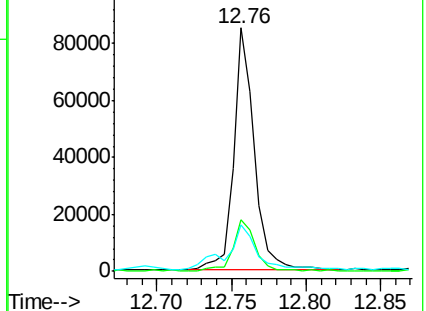
203 19.0 14.3 21.5



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: 50.806 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BF101929.D

Acq: 5 Jan 2018 15:01

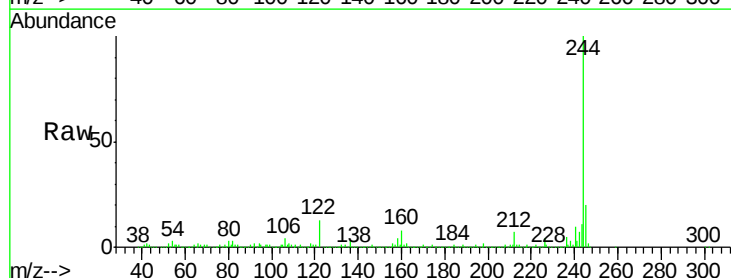
Tgt Ion:244 Resp: 559747

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

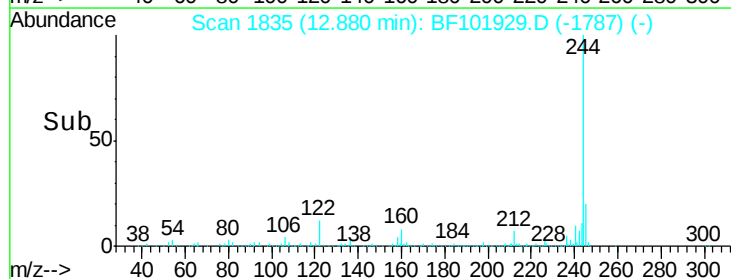
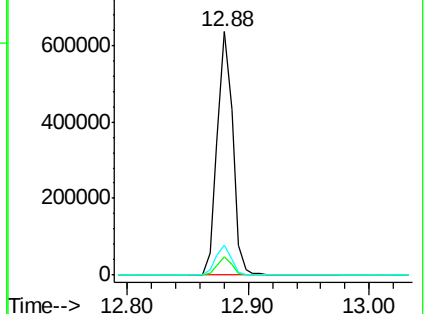
122 12.5 11.0 16.4

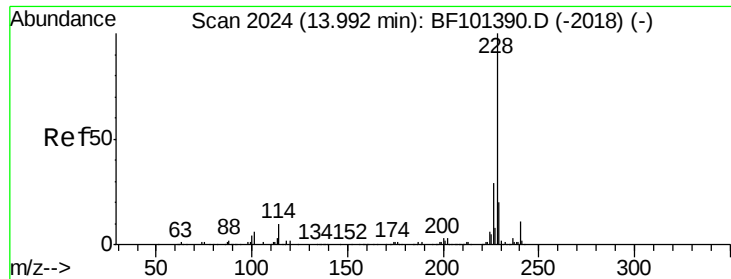


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

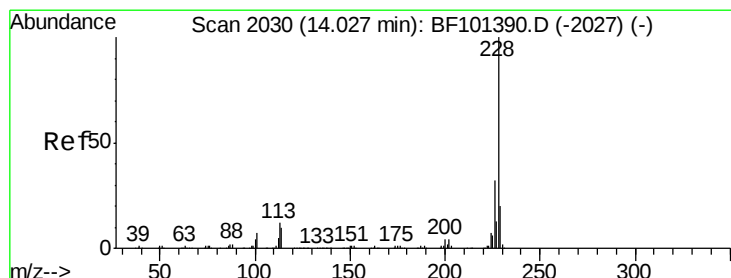
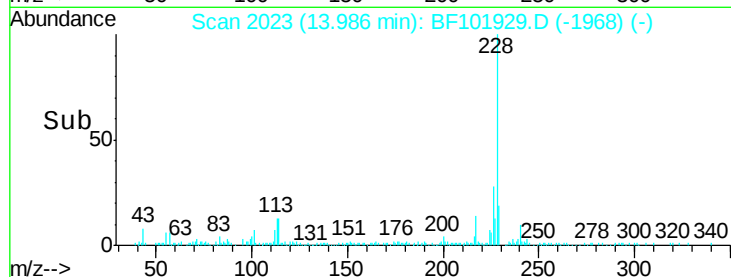
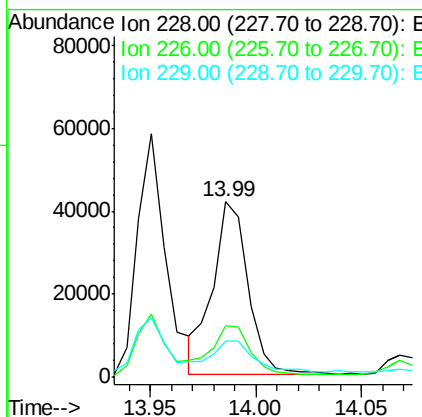
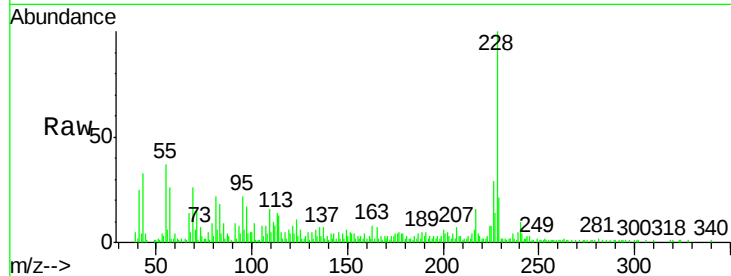




#80
Benzo(a)anthracene
Concen: 2.789 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.02 min
Lab File: BF101929.D
Acq: 5 Jan 2018 15:01

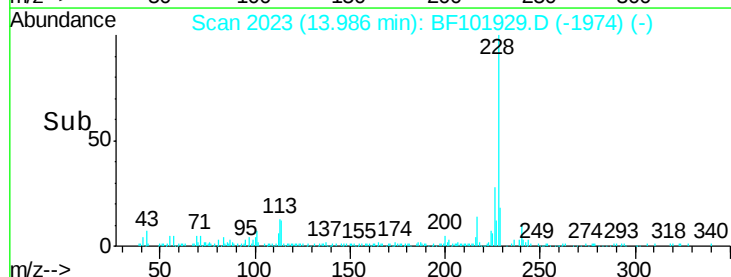
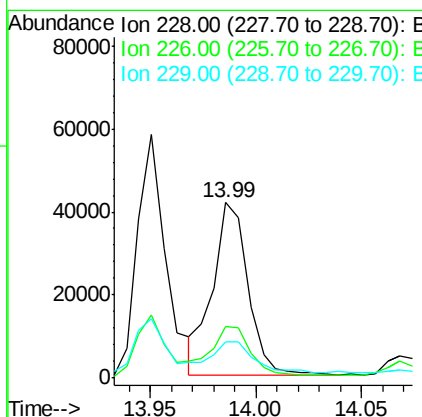
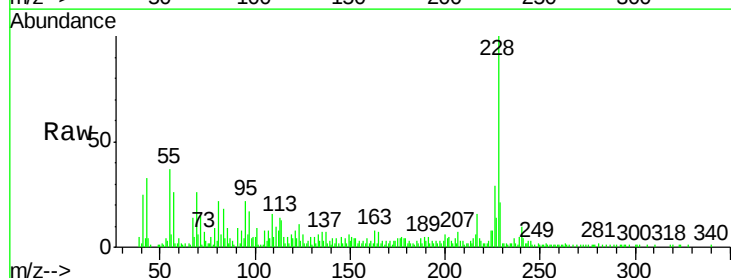
Instrument :
BNA_F
ClientSampleId :
SB-11-COMP

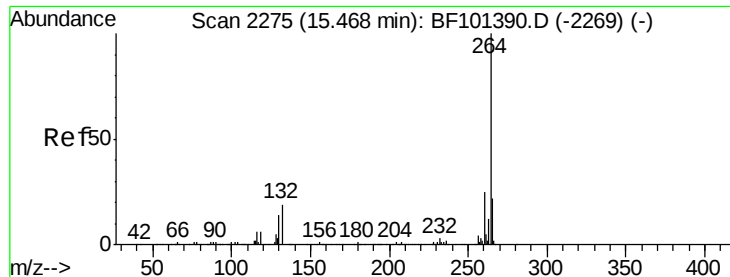
Tgt Ion:228 Resp: 48920
Ion Ratio Lower Upper
228 100
226 29.3 22.6 33.8
229 20.6 15.8 23.6



#82
Chrysene
Concen: 2.954 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF101929.D
Acq: 5 Jan 2018 15:01

Tgt Ion:228 Resp: 48920
Ion Ratio Lower Upper
228 100
226 29.3 25.0 37.6
229 20.6 16.2 24.4

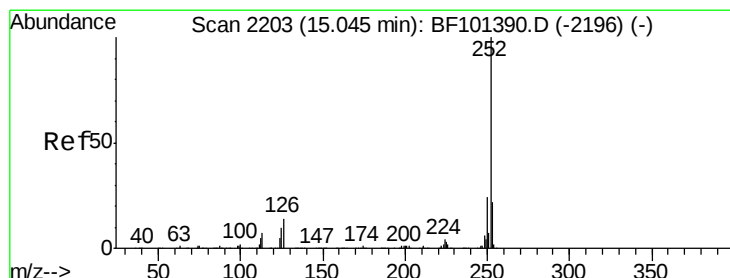
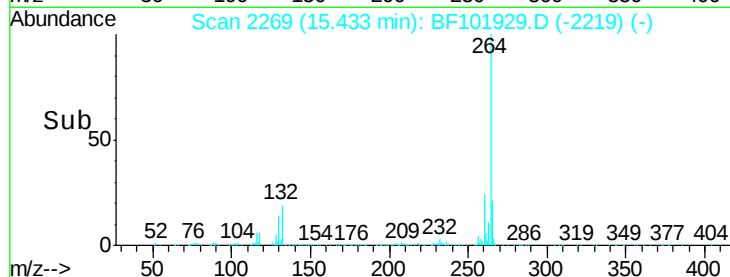
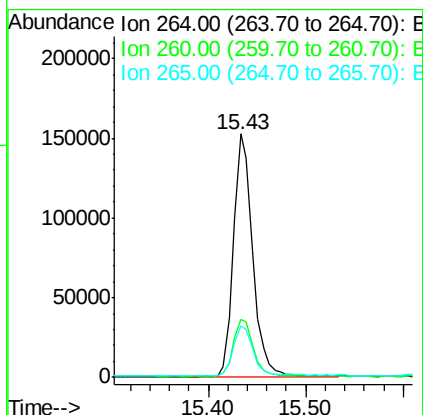
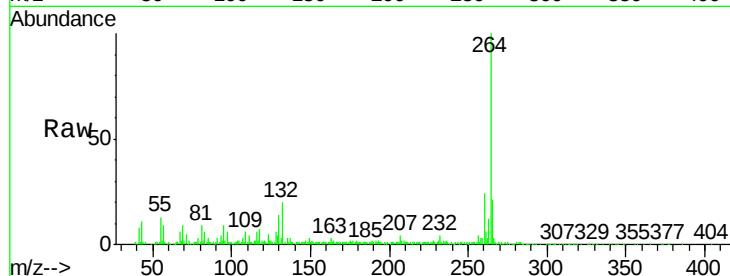




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF101929.D
Acq: 5 Jan 2018 15:01

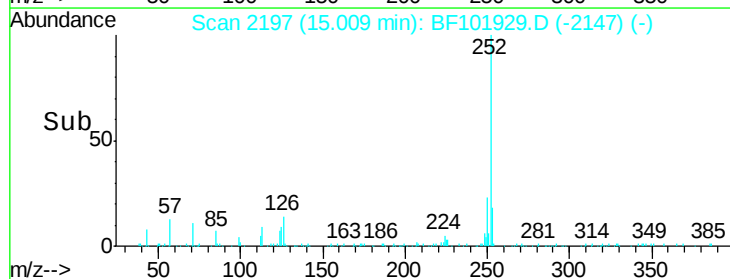
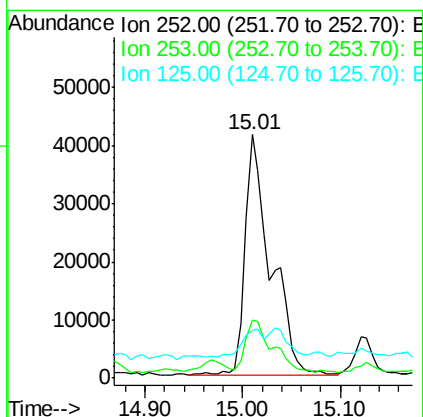
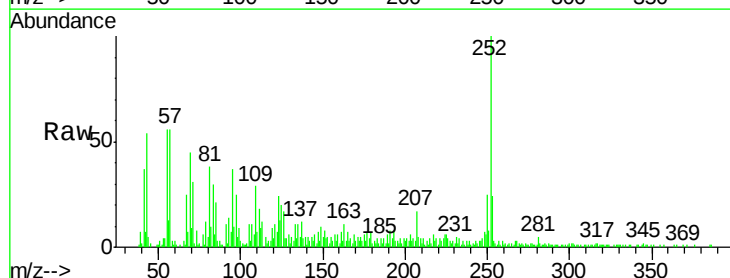
Instrument :
BNA_F
ClientSampleId :
SB-11-COMP

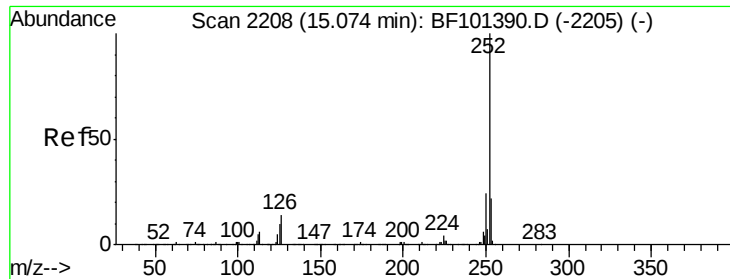
Tgt Ion:264 Resp: 208287
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 21.2 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 6.061 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BF101929.D
Acq: 5 Jan 2018 15:01

Tgt Ion:252 Resp: 76949
Ion Ratio Lower Upper
252 100
253 23.7 17.0 25.6
125 19.5 9.0 13.6#

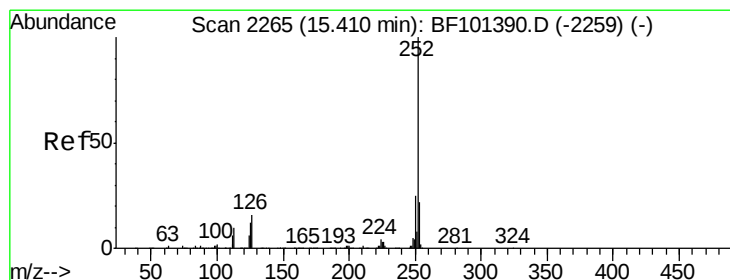
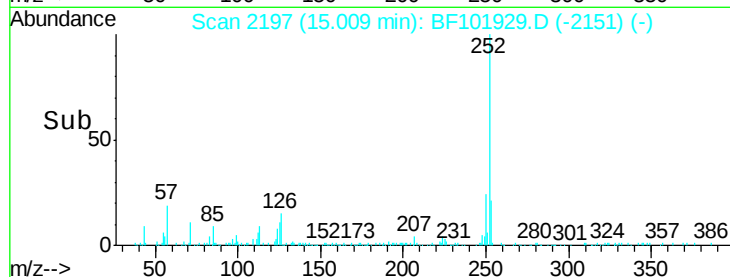
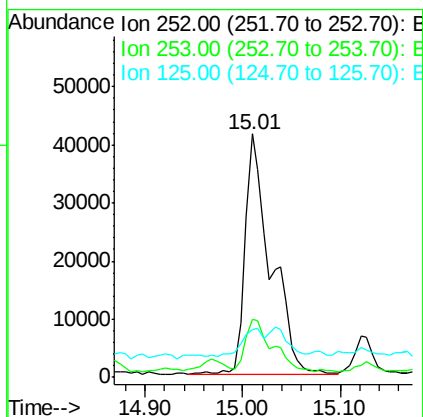
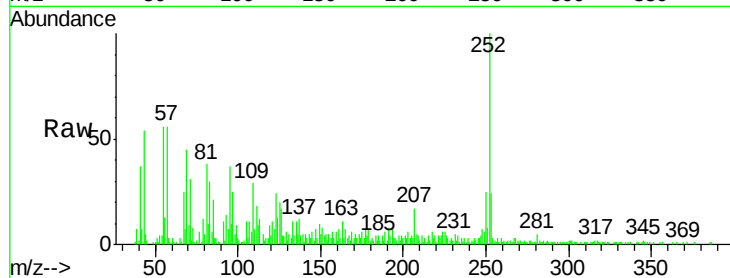




#88
Benzo(k)fluoranthene
Concen: 6.234 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.03 min
Lab File: BF101929.D
Acq: 5 Jan 2018 15:01

Instrument :
BNA_F
ClientSampleId :
SB-11-COMP

Tgt Ion:252 Resp: 76949
Ion Ratio Lower Upper
252 100
253 23.7 17.9 26.9
125 19.5 10.2 15.2#



#89
Benzo(a)pyrene
Concen: 3.282 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.00 min
Lab File: BF101929.D
Acq: 5 Jan 2018 15:01

Tgt Ion:252 Resp: 38413
Ion Ratio Lower Upper
252 100
253 26.0 17.1 25.7#
125 20.5 9.8 14.6#

