

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010318\
 Data File : BF101868.D
 Acq On : 3 Jan 2018 18:58
 Operator : SJ/JU
 Sample : I7105-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 04 00:10:20 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

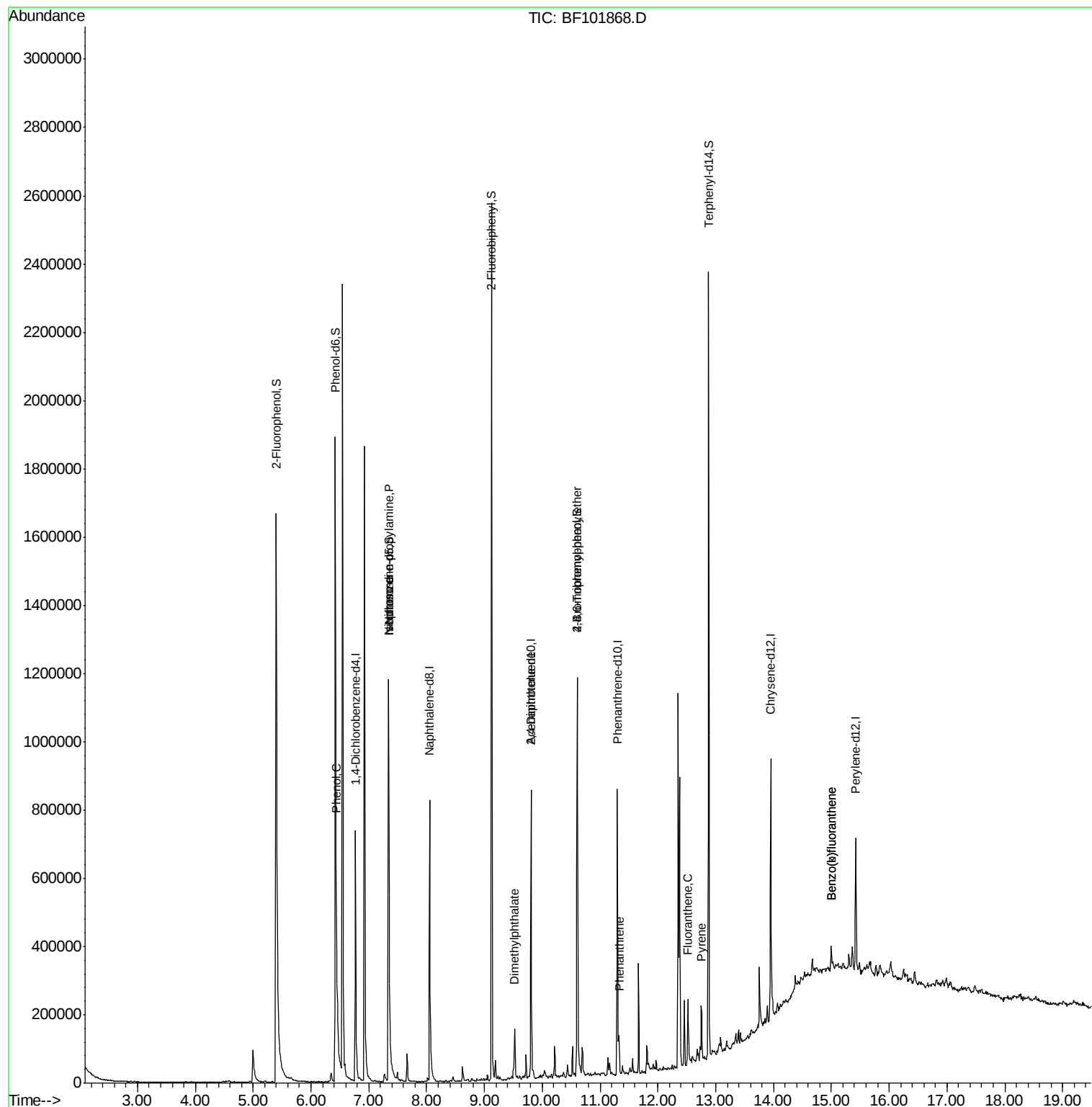
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	124201	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	440512	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	169661	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	319048	20.00	ng	-0.02
75) Chrysene-d12	13.95	240	279196	20.00	ng	-0.02
86) Perylene-d12	15.42	264	204865	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	800282	95.98	ng	0.00
7) Phenol-d6	6.42	99	924924	89.13	ng	-0.01
23) Nitrobenzene-d5	7.35	82	541372	68.41	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	157455	96.31	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	836487	76.48	ng	-0.02
78) Terphenyl-d14	12.88	244	771845	66.65	ng	-0.02
Target Compounds						
10) Phenol	6.44	94	38814	3.282	ng	# 67
19) n-Nitroso-di-n-propylamine	7.35	70	69284	10.167	ng	# 80
25) Isophorone	7.35	82	541372	34.102	ng	# 64
49) Dimethylphthalate	9.52	163	70451	5.162	ng	99
56) 2,4-Dinitrotoluene	9.80	165	21554	6.897	ng	# 23
66) 4-Bromophenyl-phenylether	10.60	248	9619	2.683	ng	# 1
70) Phenanthrene	11.33	178	44672	2.518	ng	97
74) Fluoranthene	12.52	202	71699	3.850	ng	99
77) Pyrene	12.75	202	65191	3.111	ng	99
87) Benzo(b)fluoranthene	15.00	252	32433	2.597	ng	# 80
88) Benzo(k)fluoranthene	15.00	252	32433	2.671	ng	# 83

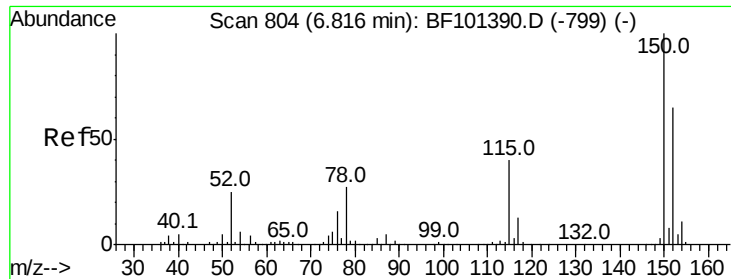
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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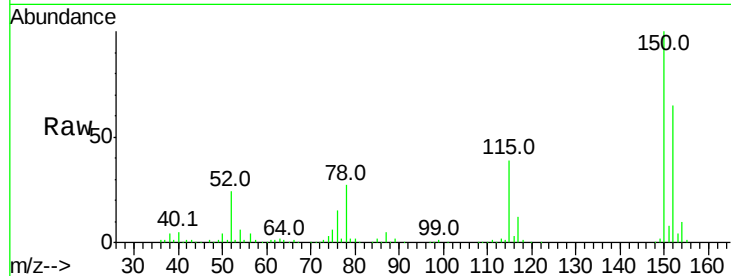


#1

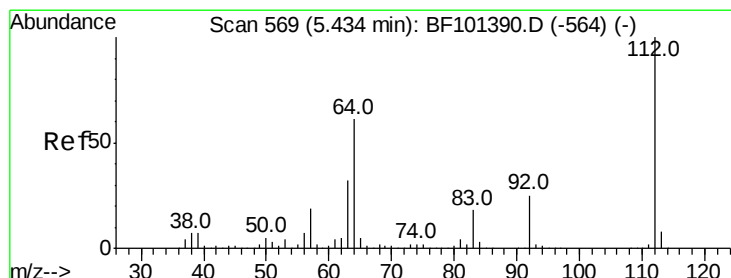
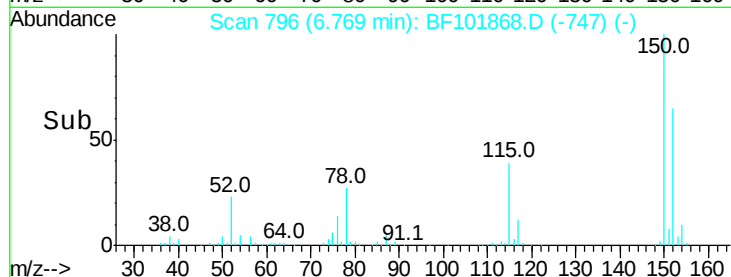
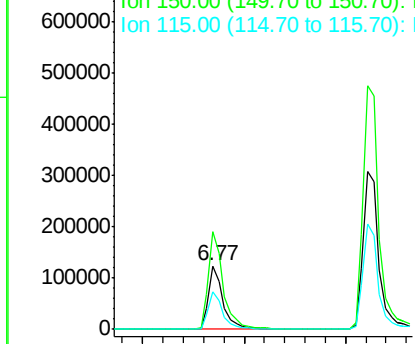
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF101868.D
Acq: 3 Jan 2018 18:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 124201
Ion Ratio Lower Upper
152 100
150 154.0 124.6 186.8
115 59.8 50.1 75.1



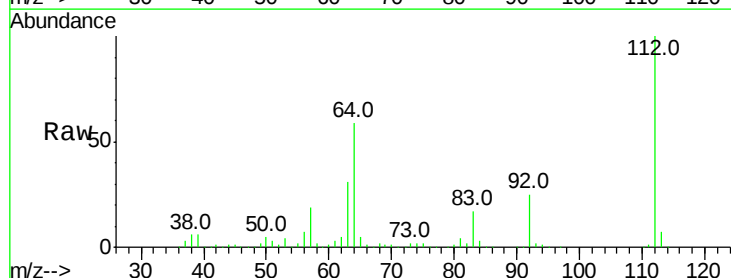
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



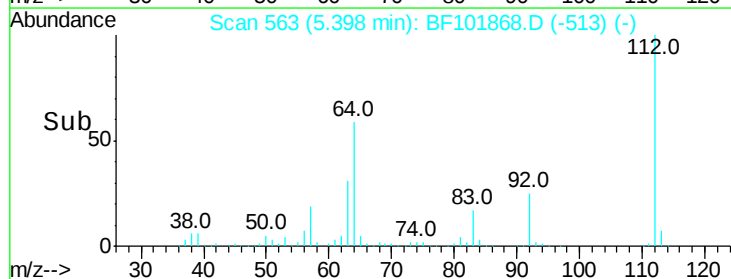
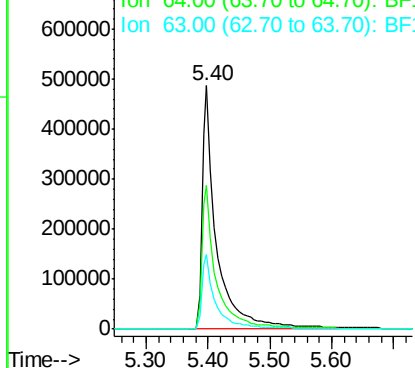
#5

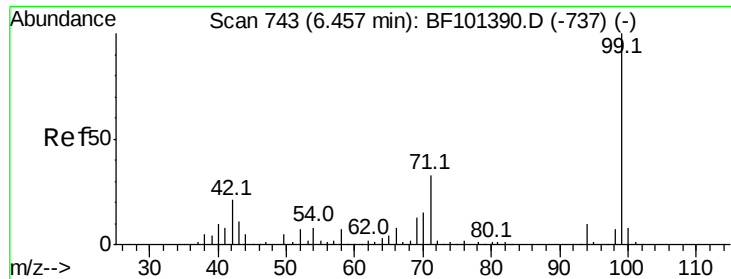
2-Fluorophenol
Concen: 95.980 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF101868.D
Acq: 3 Jan 2018 18:58

Tgt Ion:112 Resp: 800282
Ion Ratio Lower Upper
112 100
64 59.3 47.9 71.9
63 30.5 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: 89.133 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF101868.D

Acq: 3 Jan 2018 18:58

Instrument :

BNA_F

ClientSampled :

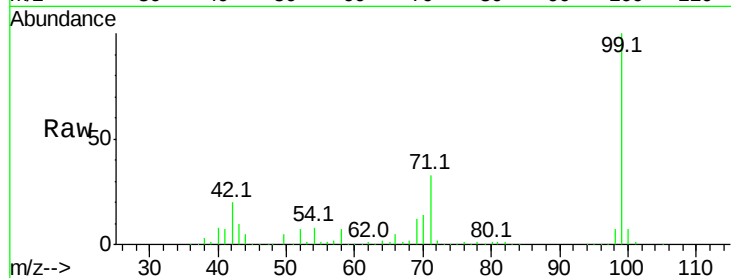
Tot Ion: 99 Resp: 924924

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

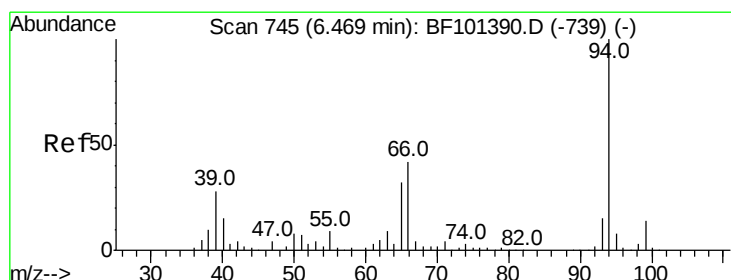
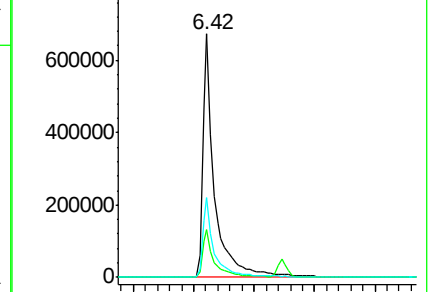
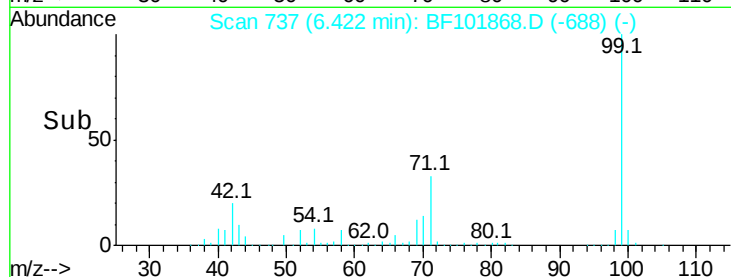
71 32.9 25.4 38.0



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: 3.282 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF101868.D

Acq: 3 Jan 2018 18:58

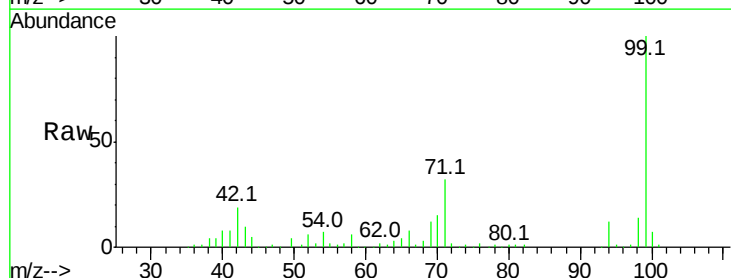
Tgt Ion: 94 Resp: 38814

Ion Ratio Lower Upper

94 100

65 31.2 7.9 47.9

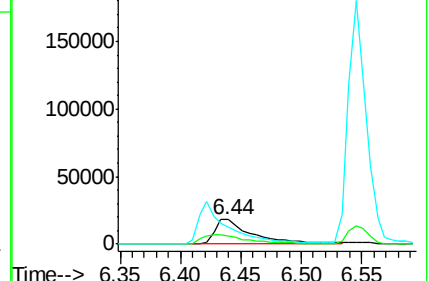
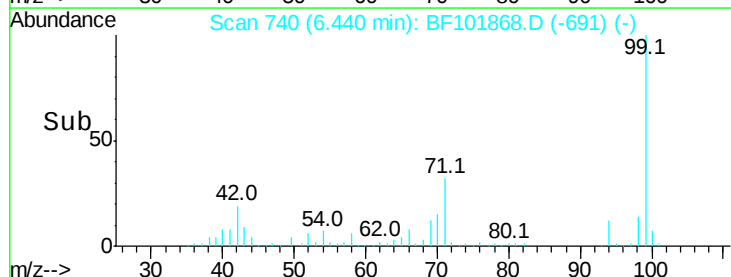
66 67.7 16.2 56.2#

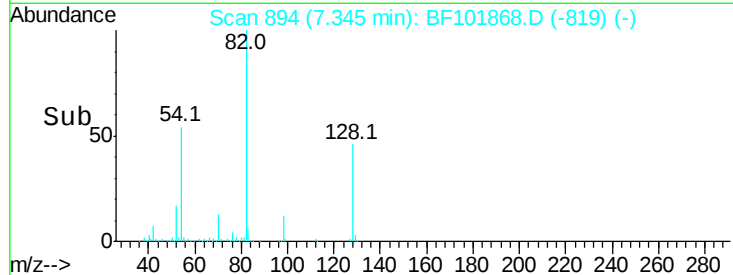
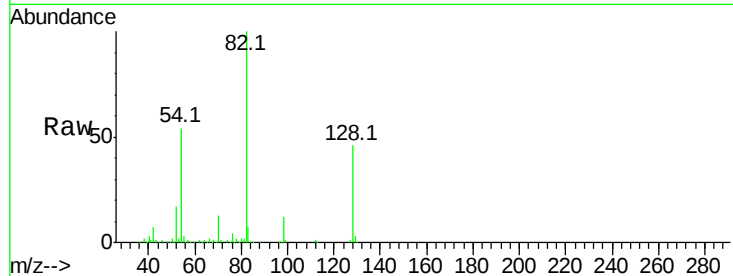
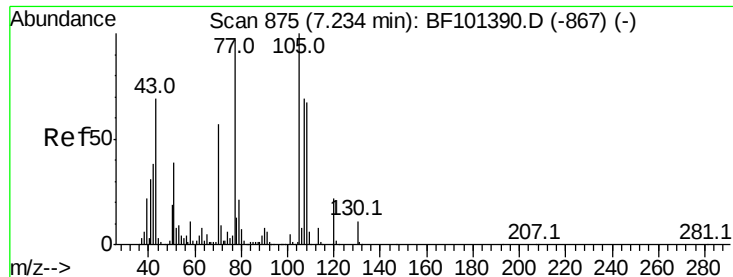


Abundance Ion 94.00 (93.70 to 94.70): BF1

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: 10.167 ng

RT: 7.35 min Scan# 894

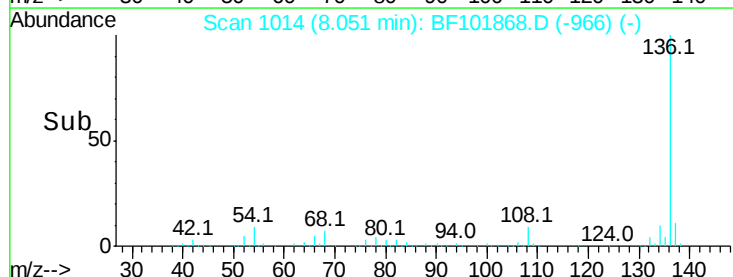
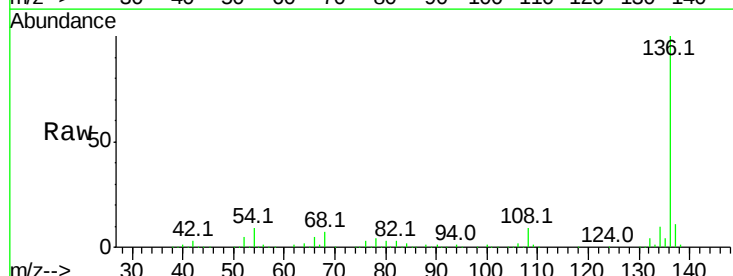
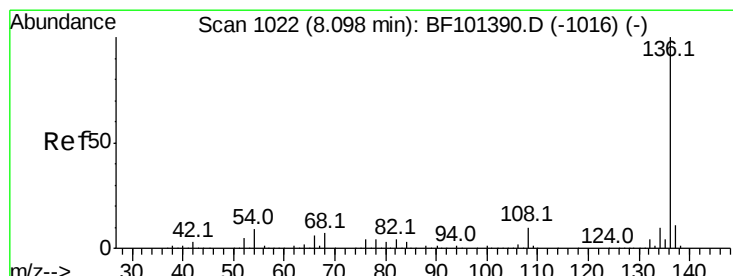
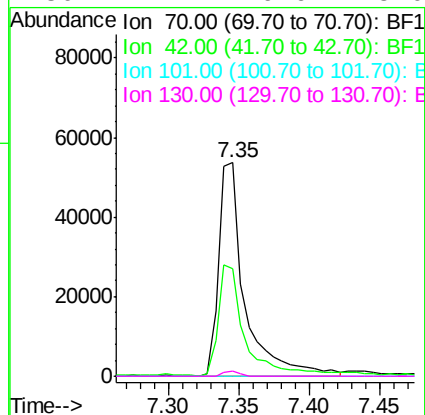
Delta R.T. 0.14 min

Lab File: BF101868.D

Acq: 3 Jan 2018 18:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:	70	Resp:	69284
Ion	Ratio	Lower	Upper
70	100		
42	50.6	47.5	71.3
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

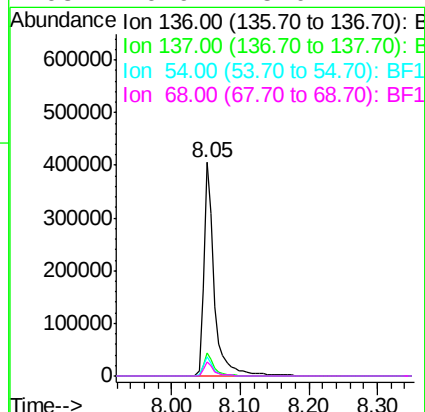
RT: 8.05 min Scan# 1014

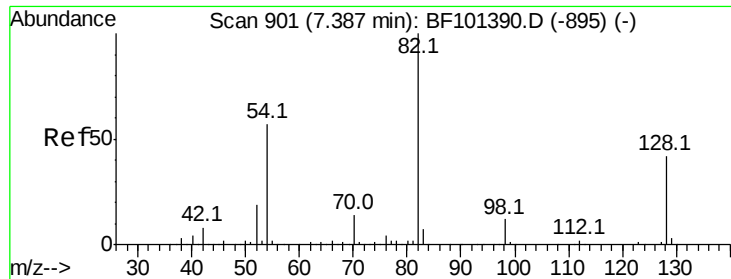
Delta R.T. -0.02 min

Lab File: BF101868.D

Acq: 3 Jan 2018 18:58

Tgt Ion:	136	Resp:	440512
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.3	6.6	9.8
68	6.9	5.0	7.4

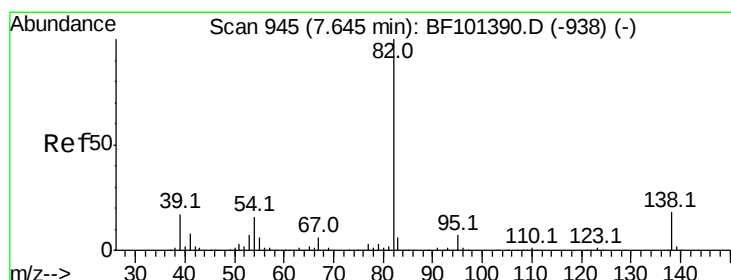
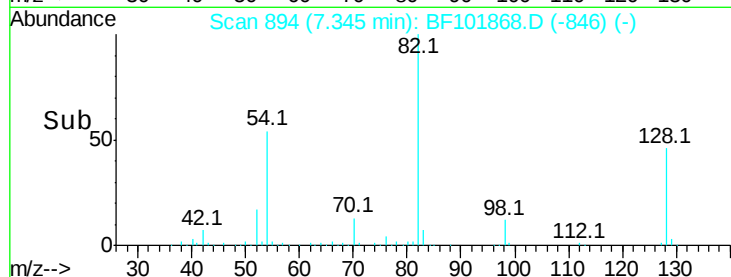
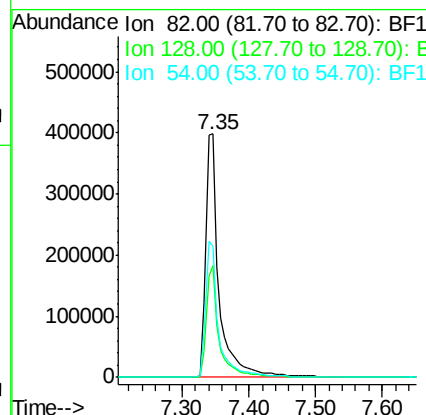
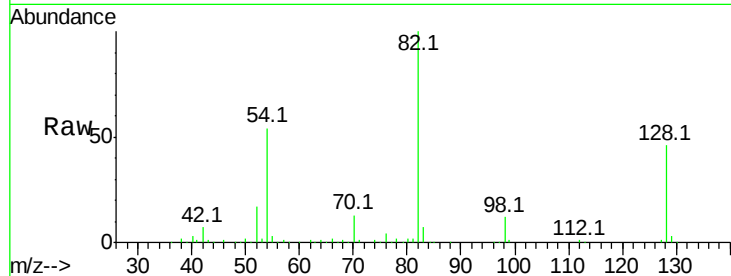




#23
Nitrobenzene-d5
Concen: 68.411 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.02 min
Lab File: BF101868.D
Acq: 3 Jan 2018 18:58

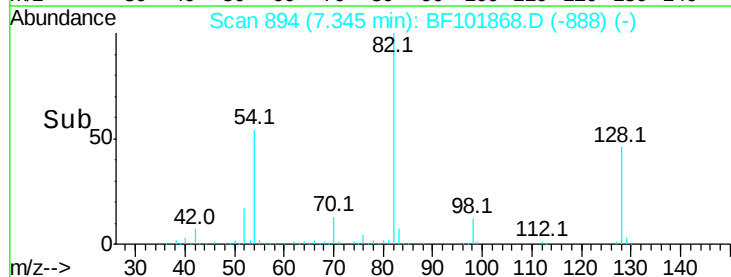
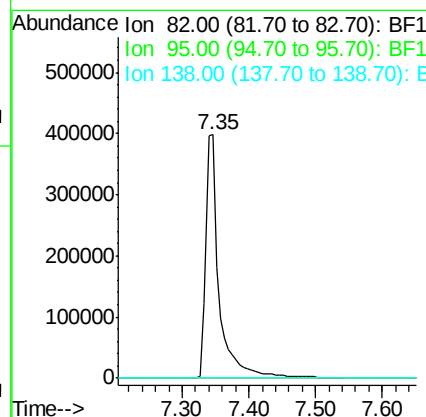
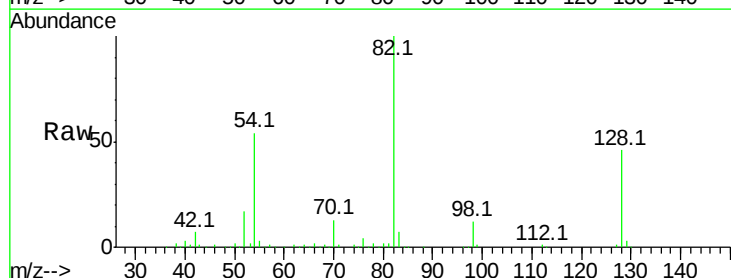
Instrument :
BNA_F
ClientSampled :

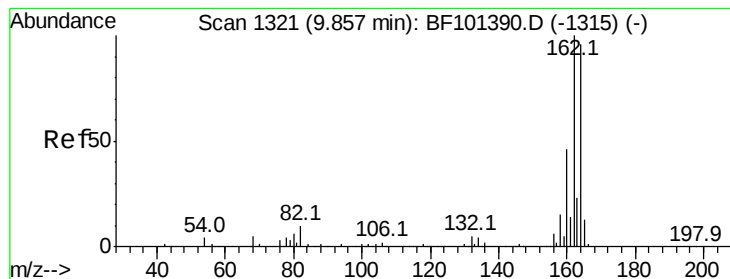
Tot Ion: 82 Resp: 541372
Ion Ratio Lower Upper
82 100
128 45.8 36.1 54.1
54 53.7 41.4 62.2



#25
Isophorone
Concen: 34.102 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.26 min
Lab File: BF101868.D
Acq: 3 Jan 2018 18:58

Tgt Ion: 82 Resp: 541372
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: 9.80 min Scan# 1312

Delta R.T. -0.02 min

Lab File: BF101868.D

Acq: 3 Jan 2018 18:58

Instrument :

BNA_F

ClientSampleId :

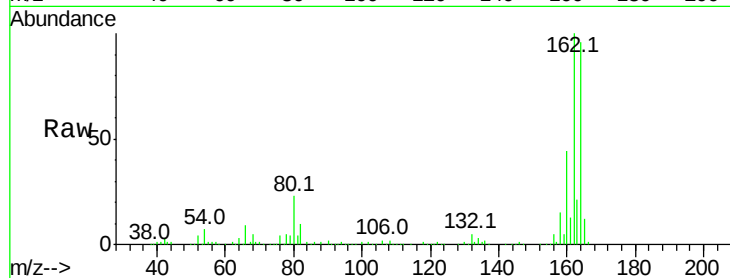
Tot Ion:164 Resp: 169661

Ion Ratio Lower Upper

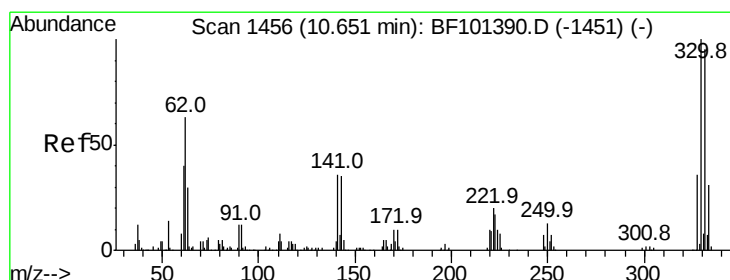
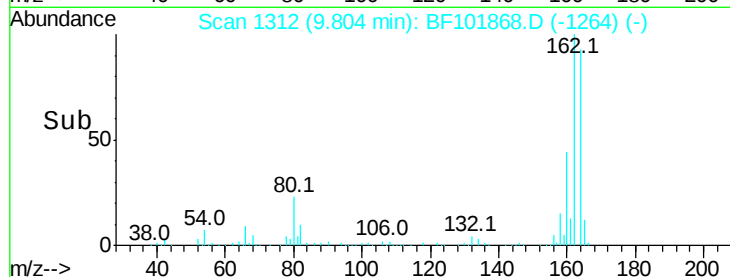
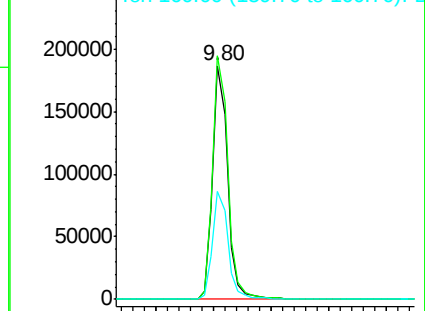
164 100

162 104.3 86.1 129.1

160 46.1 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: 96.314 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.02 min

Lab File: BF101868.D

Acq: 3 Jan 2018 18:58

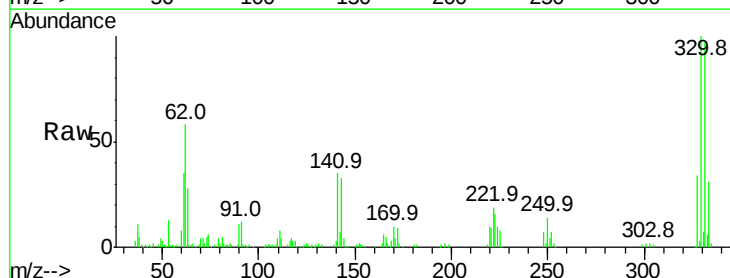
Tgt Ion:330 Resp: 157455

Ion Ratio Lower Upper

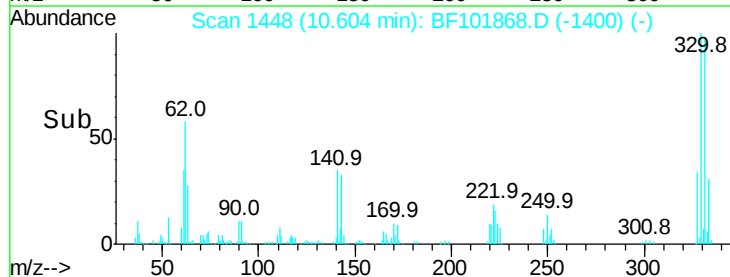
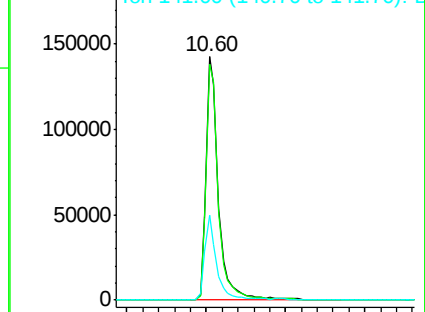
330 100

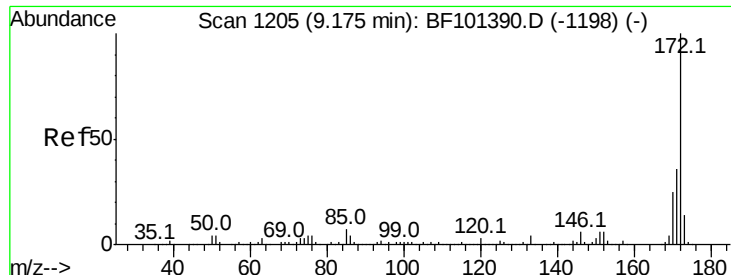
332 97.3 77.0 115.6

141 33.7 29.9 44.9



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

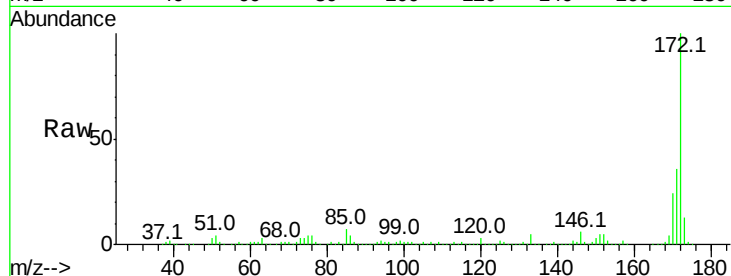




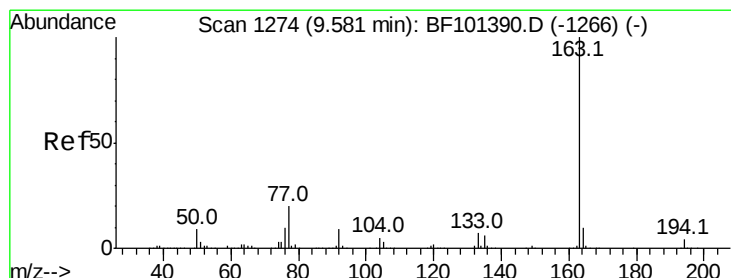
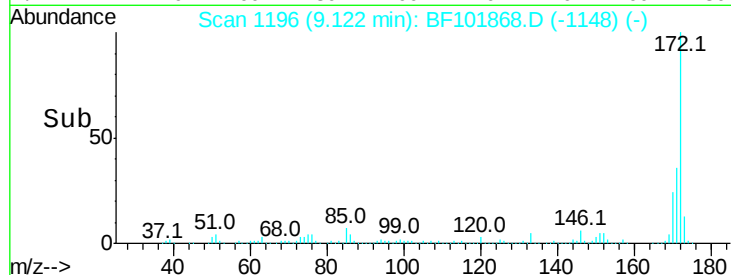
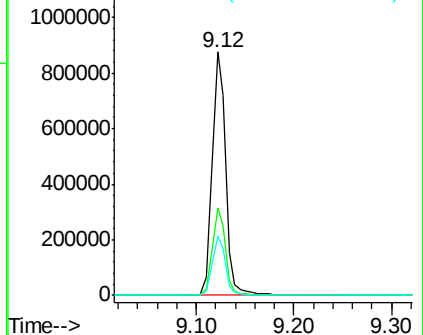
#44
 2-Fluorobiphenyl
 Concen: 76.482 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.02 min
 Lab File: BF101868.D
 Acq: 3 Jan 2018 18:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.2	19.6	29.4

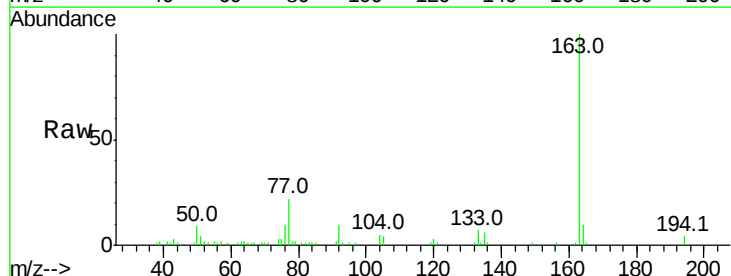


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

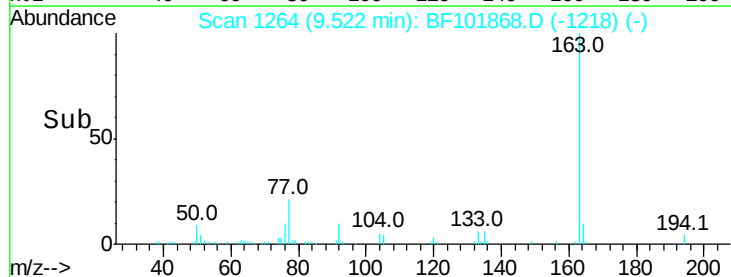
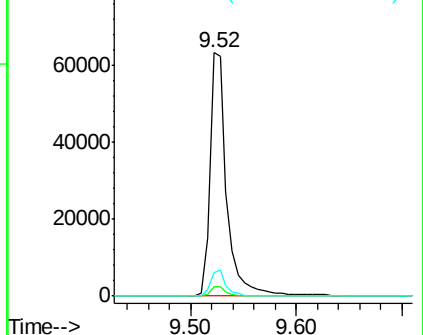


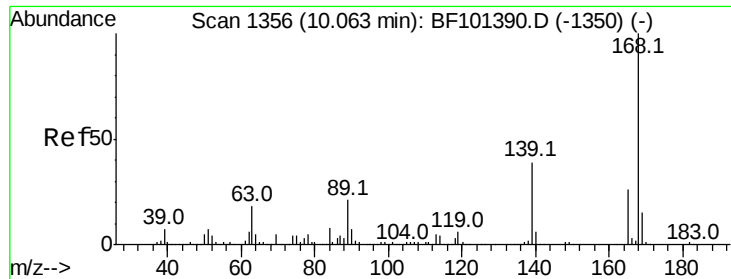
#49
 Dimethylphthalate
 Concen: 5.162 ng
 RT: 9.52 min Scan# 1264
 Delta R.T. -0.03 min
 Lab File: BF101868.D
 Acq: 3 Jan 2018 18:58

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	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

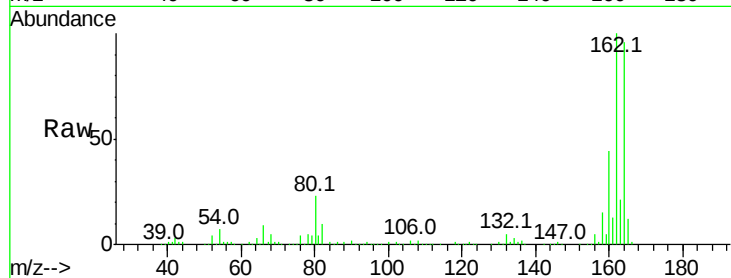




#56
 2,4-Dinitrotoluene
 Concen: 6.897 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.24 min
 Lab File: BF101868.D
 Acq: 3 Jan 2018 18:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	21554
Ion	Ratio	Lower	Upper
165	100		
63	2.1	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

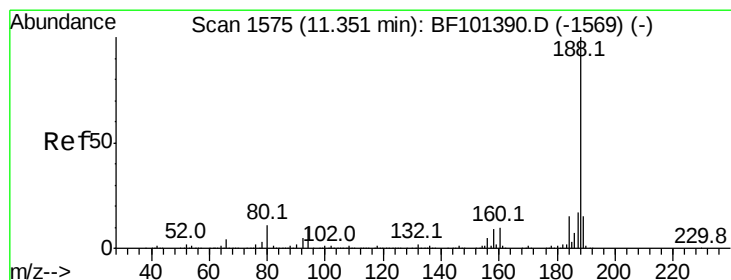
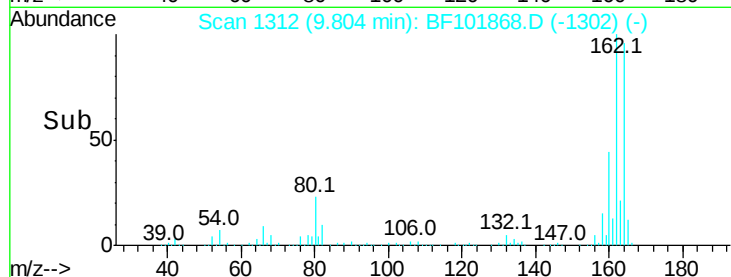
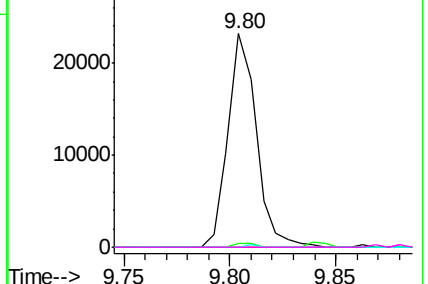


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

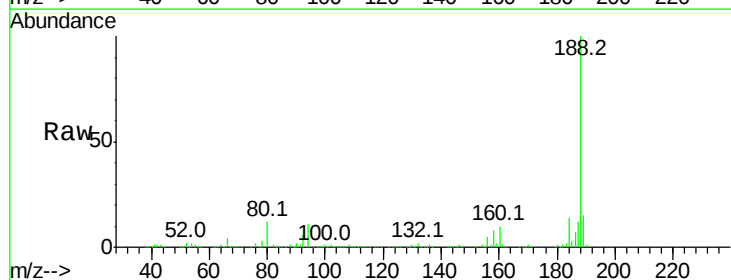
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.02 min
 Lab File: BF101868.D
 Acq: 3 Jan 2018 18:58

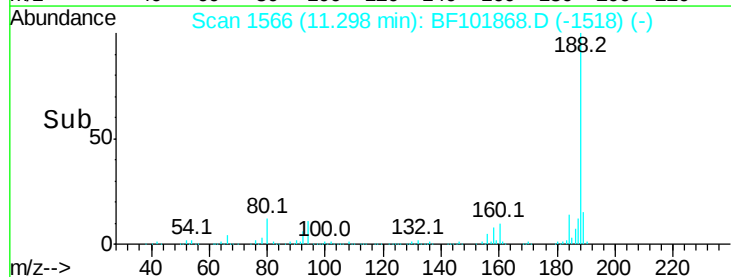
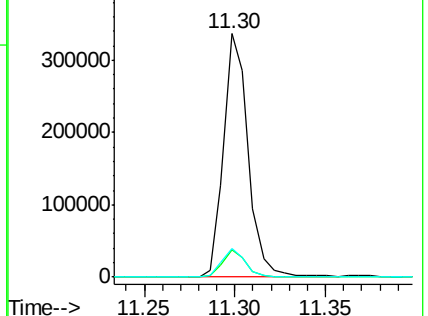
Tgt Ion:	188	Resp:	319048
Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.5	12.7
80	11.8	9.2	13.8

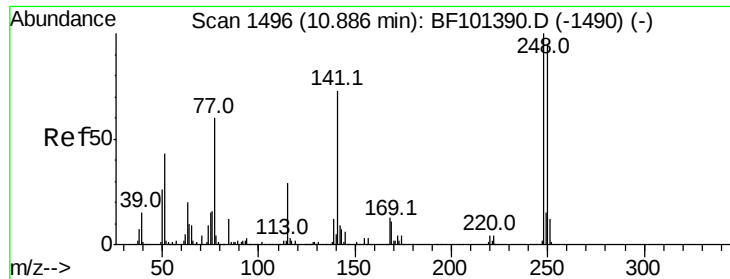


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

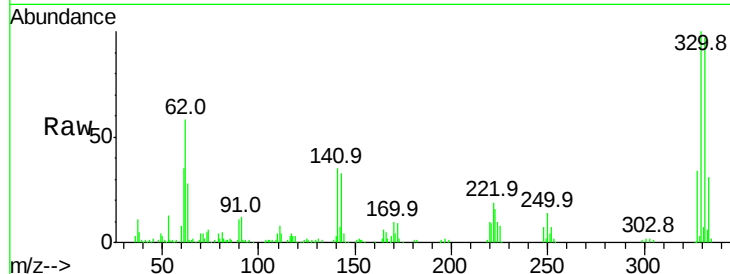




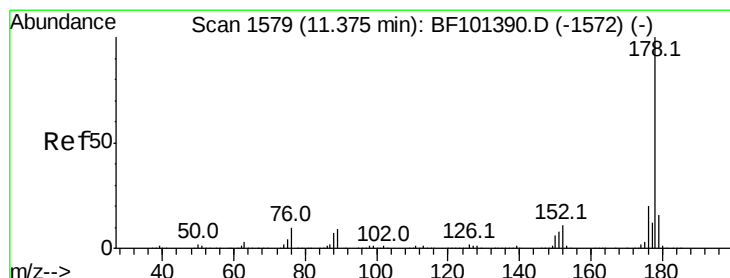
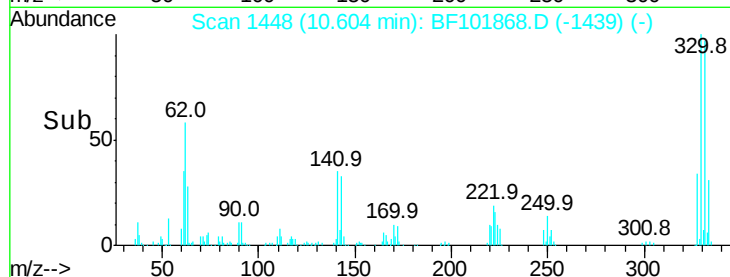
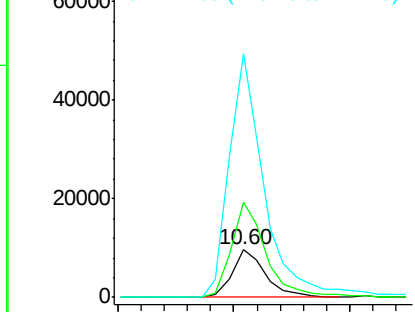
#66
 4-Bromophenyl-phenylether
 Concen: 2.683 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.25 min
 Lab File: BF101868.D
 Acq: 3 Jan 2018 18:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 9619
 Ion Ratio Lower Upper
 248 100
 250 202.0 76.9 115.3#
 141 514.5 74.4 111.6#

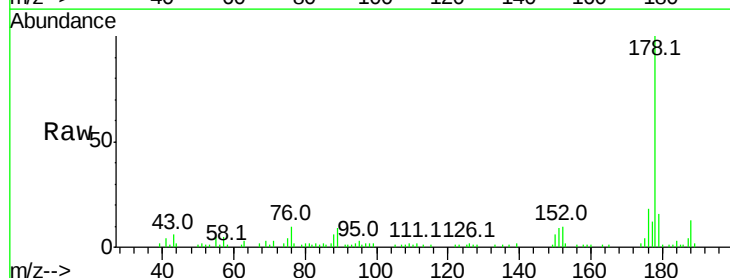


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

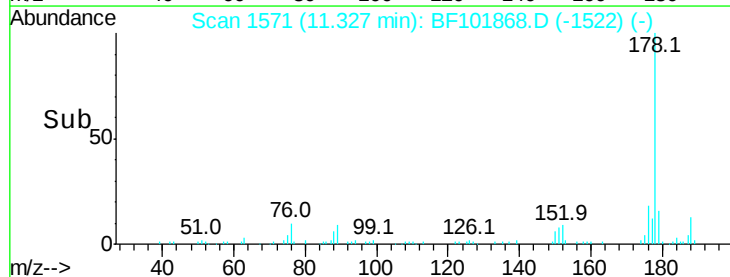
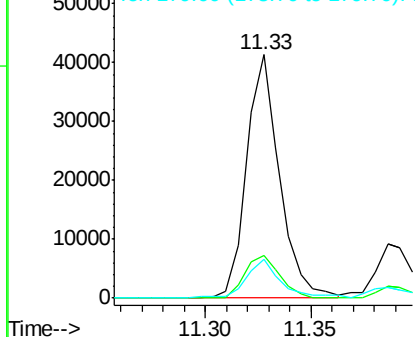


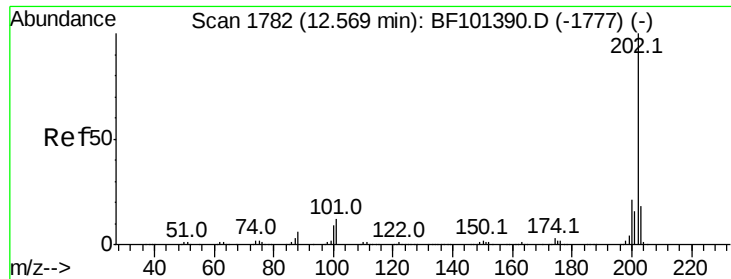
#70
 Phenanthrene
 Concen: 2.518 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF101868.D
 Acq: 3 Jan 2018 18:58

Tgt Ion:178 Resp: 44672
 Ion Ratio Lower Upper
 178 100
 176 17.7 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

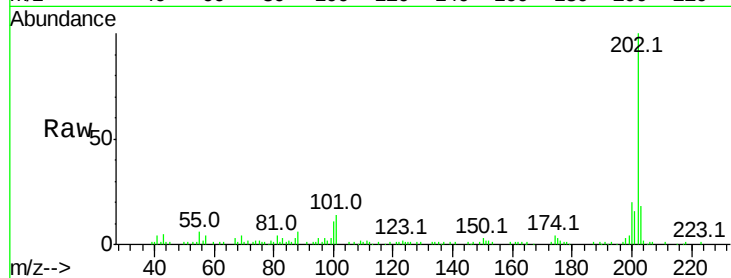




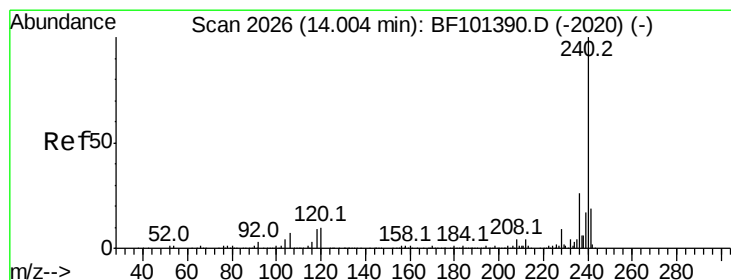
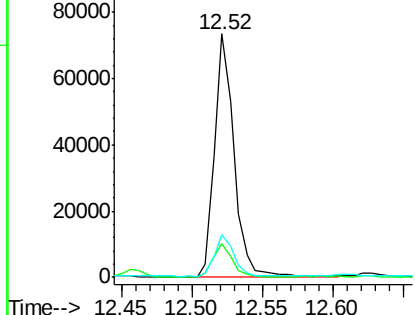
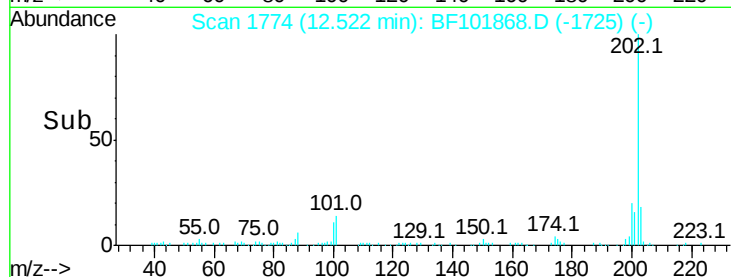
#74
Fluoranthene
Concen: 3.850 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BF101868.D
Acq: 3 Jan 2018 18:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 71699
Ion Ratio Lower Upper
202 100
101 14.0 0.0 34.1
203 17.6 0.0 38.1

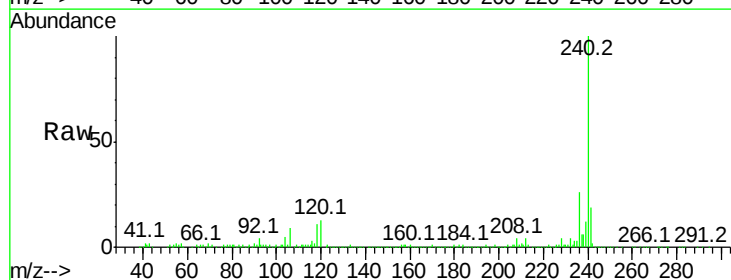


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

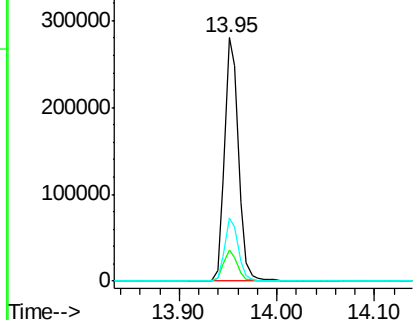
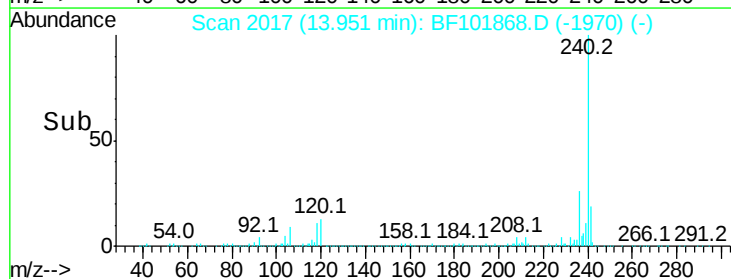


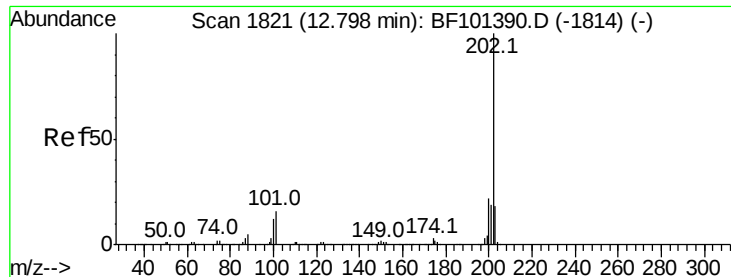
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.02 min
Lab File: BF101868.D
Acq: 3 Jan 2018 18:58

Tgt Ion:240 Resp: 279196
Ion Ratio Lower Upper
240 100
120 12.7 9.5 14.3
236 25.8 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: 3.111 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.02 min

Lab File: BF101868.D

Acq: 3 Jan 2018 18:58

Instrument :

BNA_F

ClientSampleId :

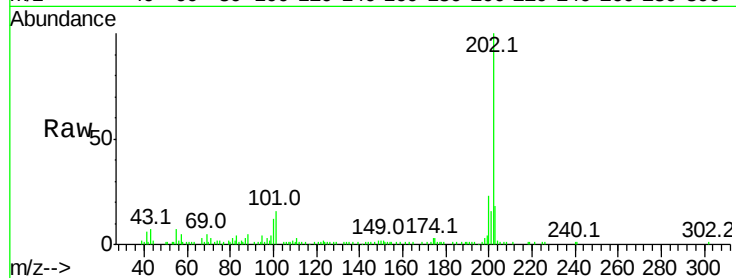
Tot Ion:202 Resp: 65191

Ion Ratio Lower Upper

202 100

200 22.5 17.4 26.2

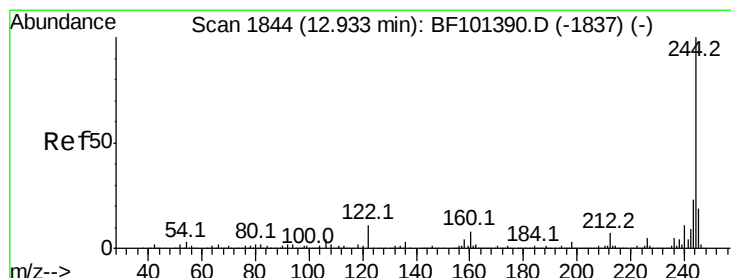
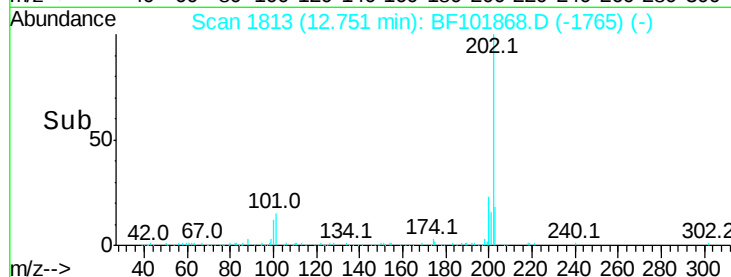
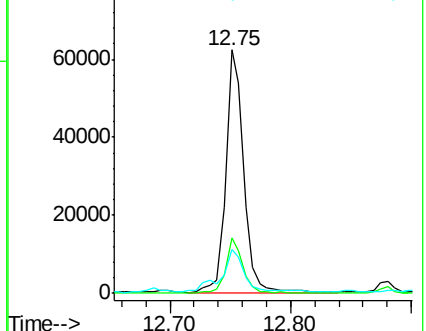
203 18.1 14.3 21.5



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: 66.646 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BF101868.D

Acq: 3 Jan 2018 18:58

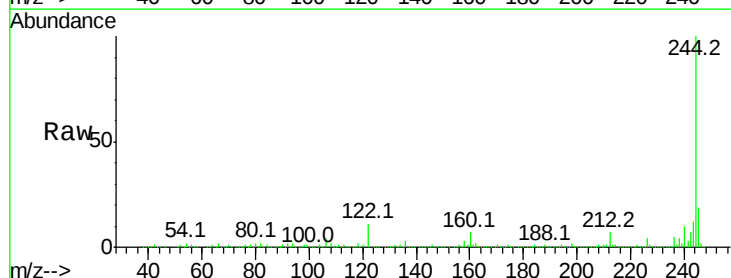
Tgt Ion:244 Resp: 771845

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

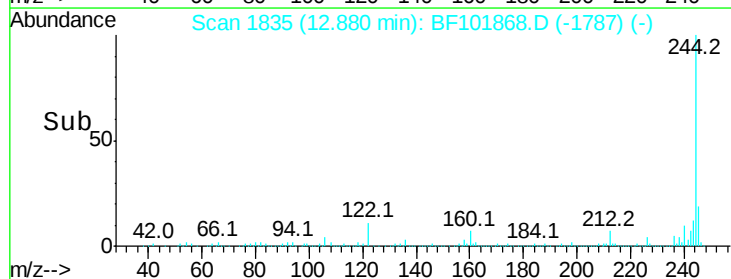
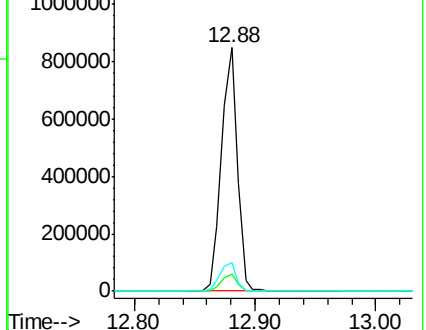
122 11.5 11.0 16.4

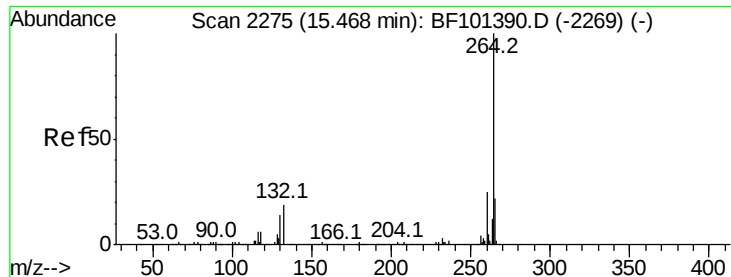


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

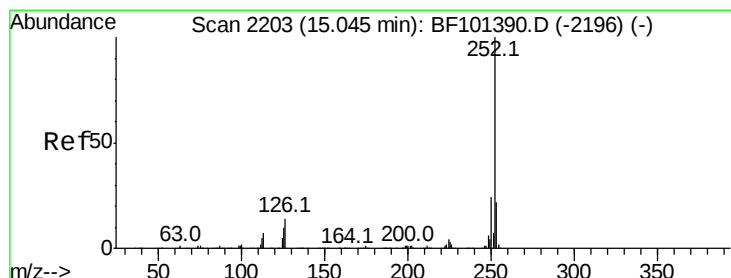
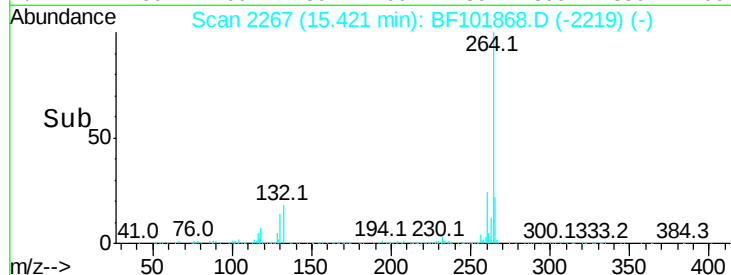
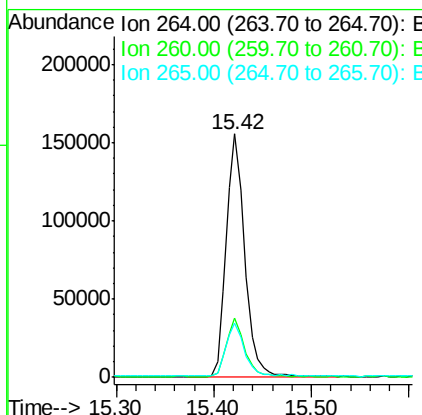
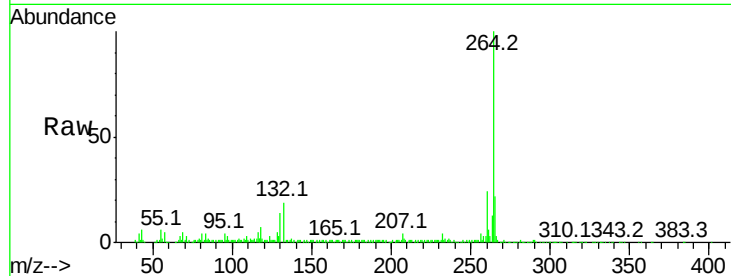




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF101868.D
Acq: 3 Jan 2018 18:58

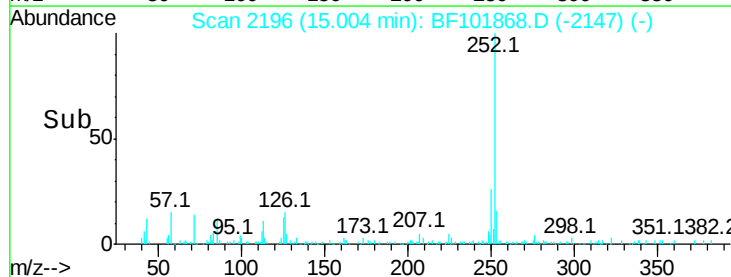
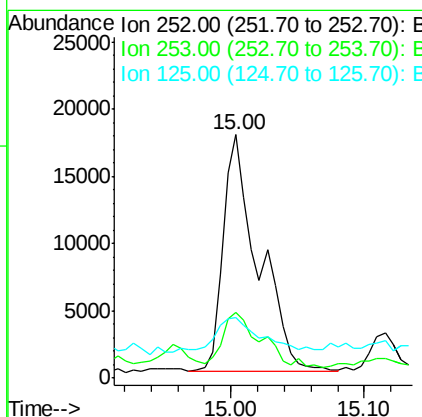
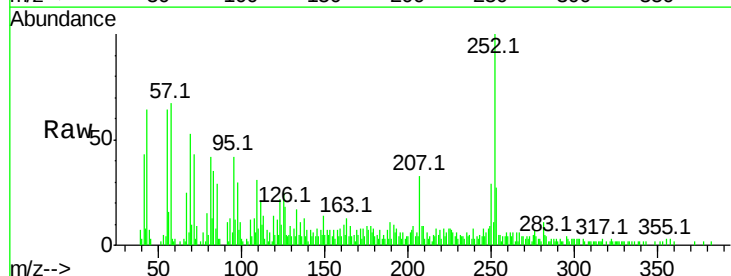
Instrument :
BNA_F
ClientSampleId :

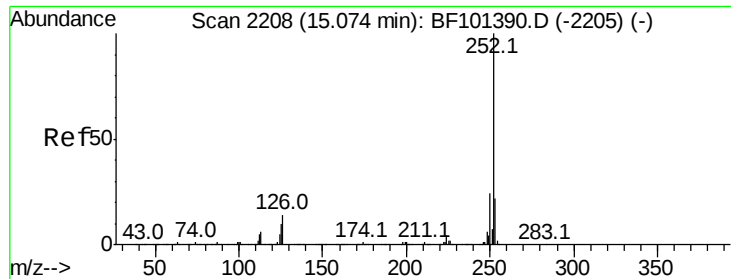
Tot Ion:264 Resp: 204865
Ion Ratio Lower Upper
264 100
260 24.2 19.2 28.8
265 22.0 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 2.597 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF101868.D
Acq: 3 Jan 2018 18:58

Tgt Ion:252 Resp: 32433
Ion Ratio Lower Upper
252 100
253 27.1 17.0 25.6#
125 24.6 9.0 13.6#

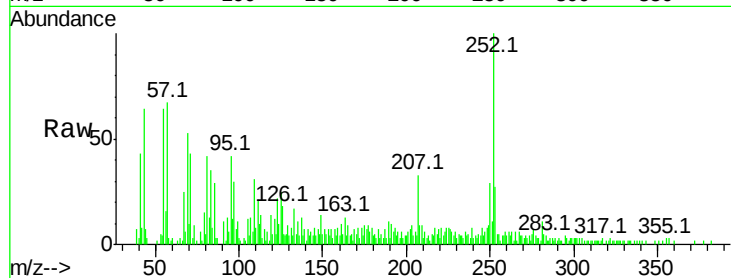




#88
 Benzo(k)fluoranthene
 Concen: 2.671 ng
 RT: 15.00 min Scan# 2196
 Delta R.T. -0.04 min
 Lab File: BF101868.D
 Acq: 3 Jan 2018 18:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.9	26.9#
125	24.6	10.2	15.2#



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

