

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100918\
 Data File : BF109716.D
 Acq On : 10 Oct 2018 1:07
 Operator : JU/SJ
 Sample : J5326-39
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FL-PH-3-STONE

Quant Time: Oct 10 03:09:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	71989	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	290963	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	116753	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	201406	20.00	ng	0.00
75) Chrysene-d12	13.83	240	202774	20.00	ng	0.00
86) Perylene-d12	15.23	264	159019	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	393289	96.97	ng	0.00
7) Phenol-d6	6.35	99	551103	101.72	ng	-0.01
23) Nitrobenzene-d5	7.26	82	351857	66.66	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	106156	83.45	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	629255	74.23	ng	0.00
78) Terphenyl-d14	12.78	244	534477	51.03	ng	0.00

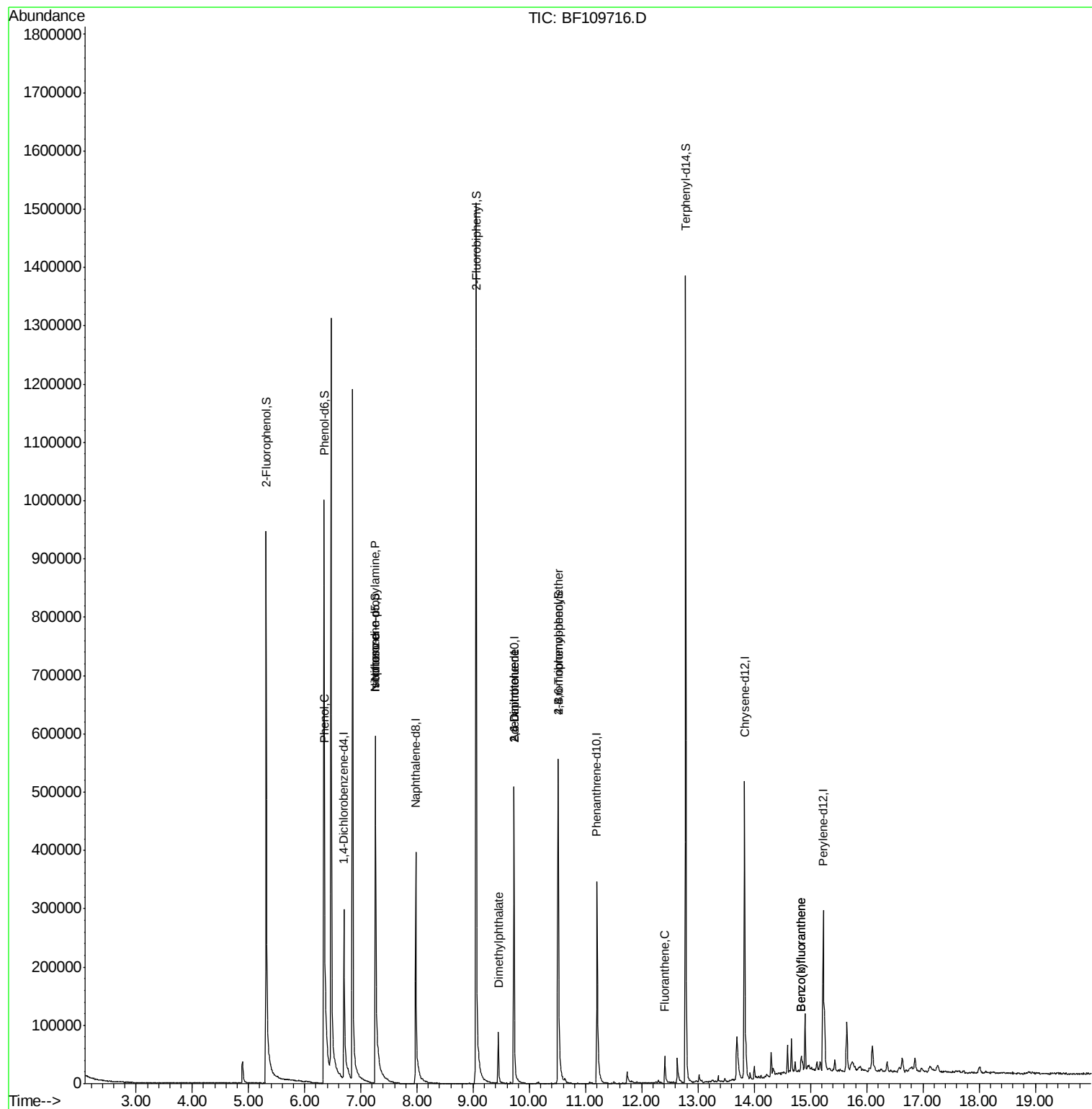
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.36	94	16854	2.713	ng	88
19) n-Nitroso-di-n-propylamine	7.26	70	43891	11.552	ng	# 77
25) Isophorone	7.26	82	352347	40.199	ng	# 67
49) Dimethylphthalate	9.45	163	49660	5.800	ng	99
50) 2,6-Dinitrotoluene	9.72	165	14426	7.772	ng	# 21
56) 2,4-Dinitrotoluene	9.72	165	14426	6.228	ng	# 17
66) 4-Bromophenyl-phenylether	10.51	248	6107	2.639	ng	# 1
74) Fluoranthene	12.41	202	30024	2.851	ng	99
87) Benzo(b)fluoranthene	14.83	252	25307	2.880	ng	# 93
88) Benzo(k)fluoranthene	14.83	252	25307	2.866	ng	# 92

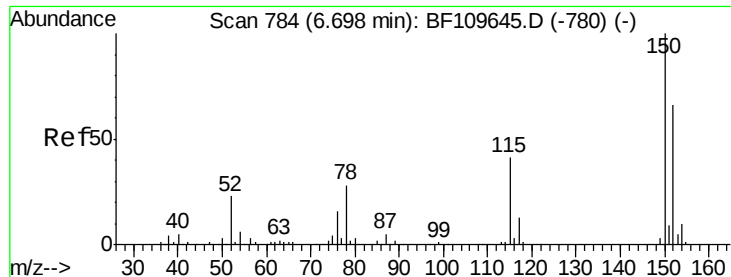
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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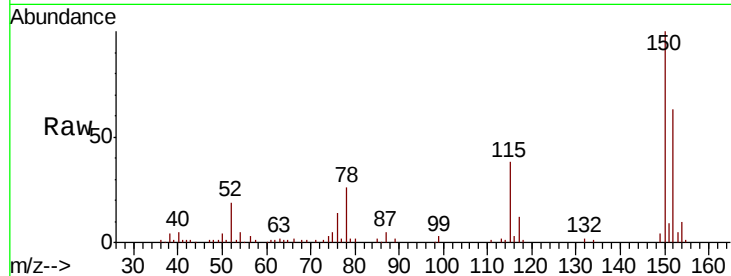


#1

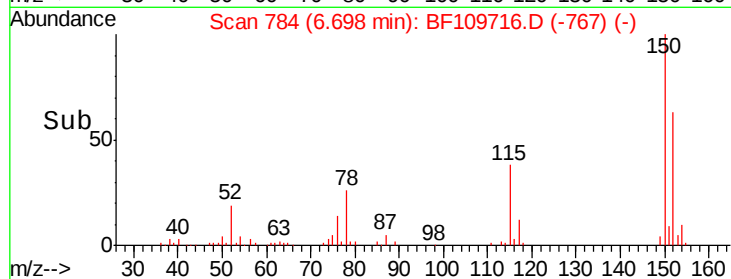
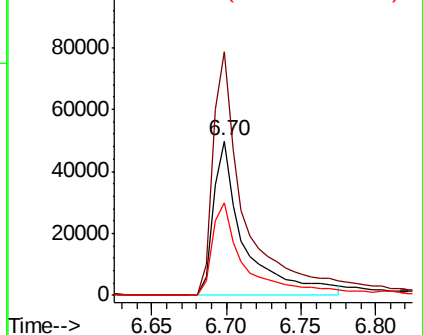
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109716.D
Acq: 10 Oct 2018 1:07

Instrument :
BNA_F
ClientSampleId :
FL-PH-3-STONE

Tgt Ion:152 Resp: 71989
Ion Ratio Lower Upper
152 100
150 157.9 122.7 184.1
115 59.9 49.1 73.7



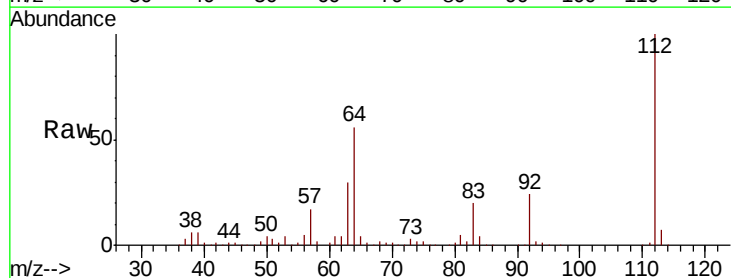
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



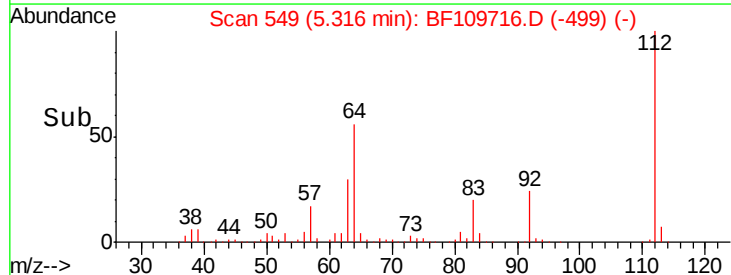
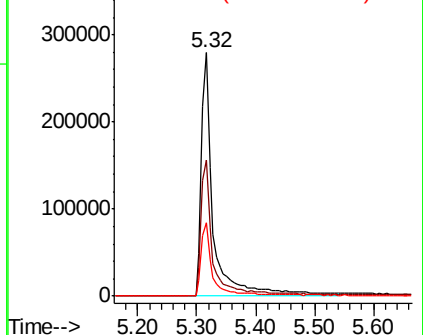
#5

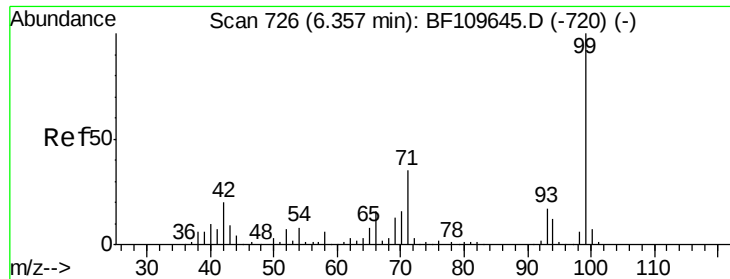
2-Fluorophenol
Concen: 96.973 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF109716.D
Acq: 10 Oct 2018 1:07

Tgt Ion:112 Resp: 393289
Ion Ratio Lower Upper
112 100
64 55.7 44.1 66.1
63 29.9 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: 101.719 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109716.D

Acq: 10 Oct 2018 1:07

Instrument :

BNA_F

ClientSampleId :

FL-PH-3-STONE

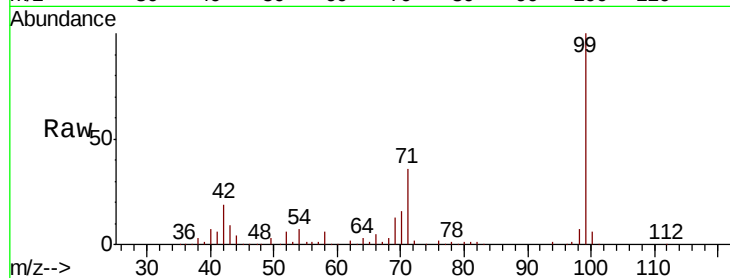
Tgt Ion: 99 Resp: 551103

Ion Ratio Lower Upper

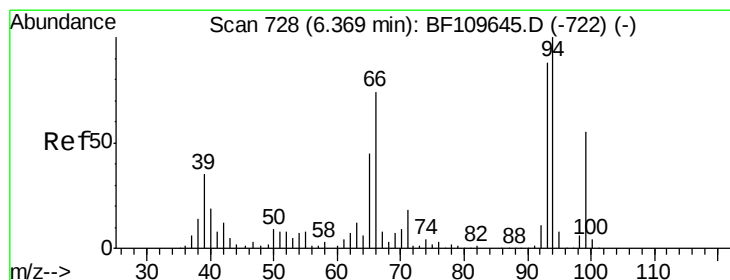
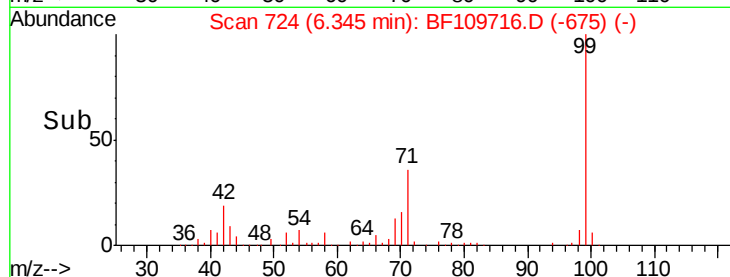
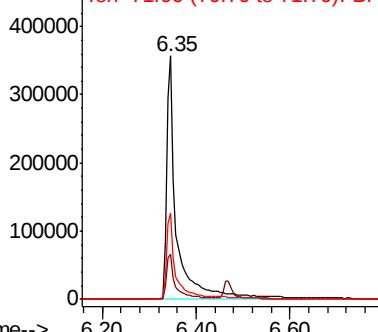
99 100

42 18.8 15.8 23.6

71 35.6 28.0 42.0



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: 2.713 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF109716.D

Acq: 10 Oct 2018 1:07

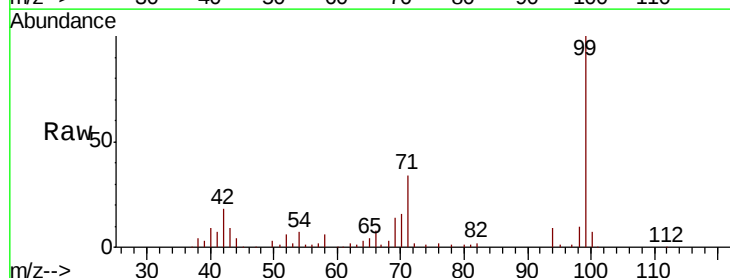
Tgt Ion: 94 Resp: 16854

Ion Ratio Lower Upper

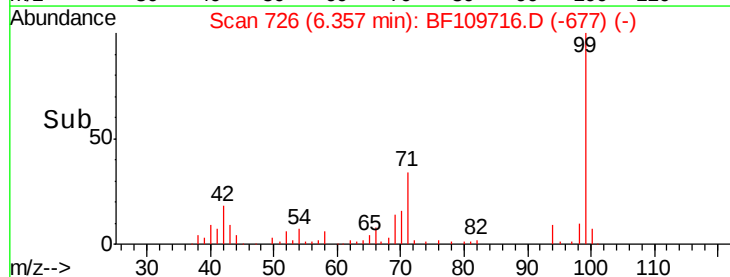
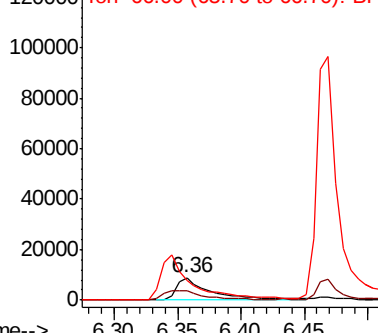
94 100

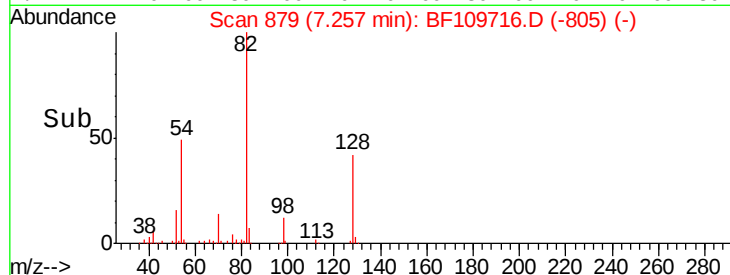
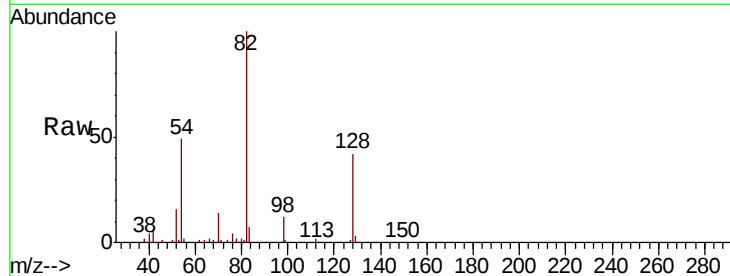
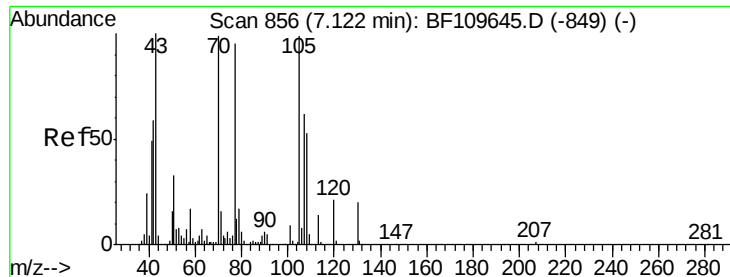
65 39.4 25.3 65.3

66 86.6 54.5 94.5



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

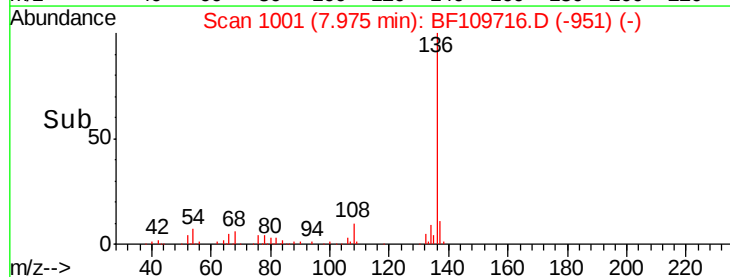
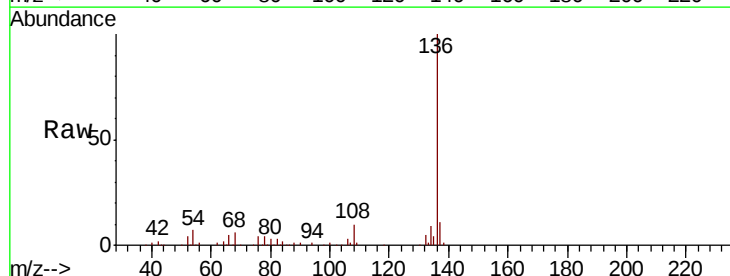
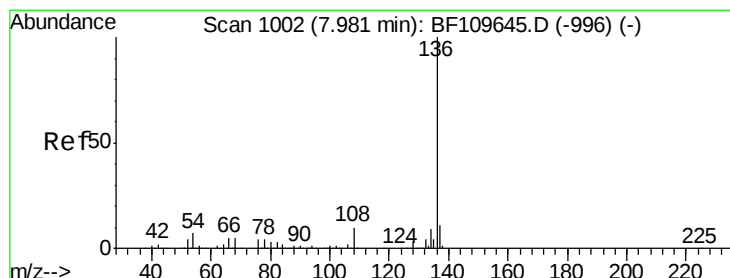
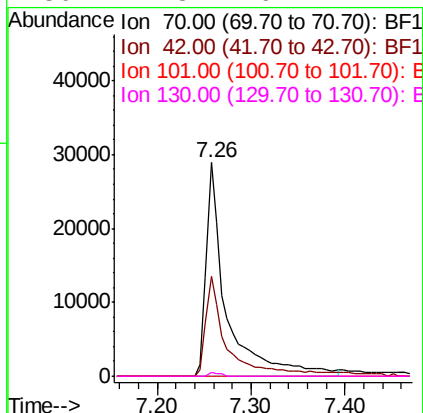




#19
n-Nitroso-di-n-propylamine
Concen: 11.552 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.14 min
Lab File: BF109716.D
Acq: 10 Oct 2018 1:07

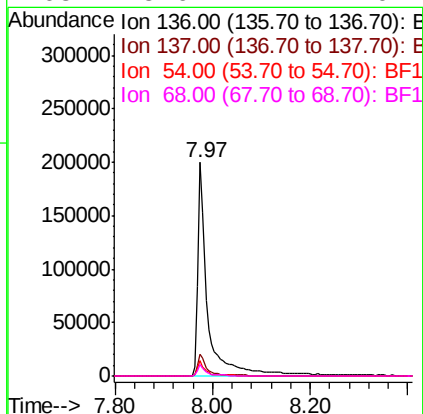
Instrument :
BNA_F
ClientSampleId :
FL-PH-3-STONE

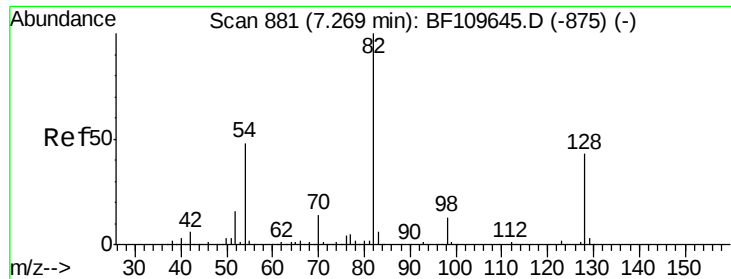
Tgt Ion: 70 Resp: 43891
Ion Ratio Lower Upper
70 100
42 46.9 47.4 71.2#
101 0.0 7.3 10.9#
130 1.8 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109716.D
Acq: 10 Oct 2018 1:07

Tgt Ion: 136 Resp: 290963
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 7.0 5.4 8.2
68 5.6 4.2 6.2

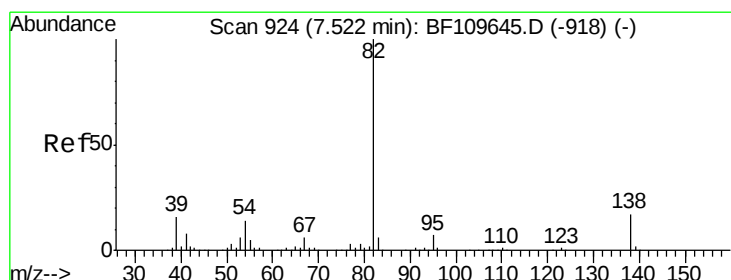
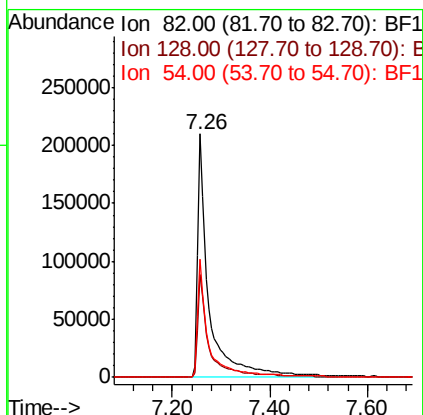
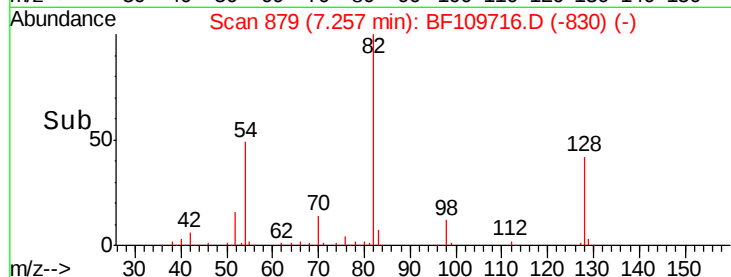
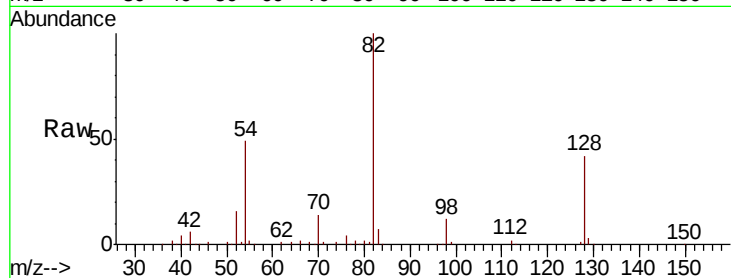




#23
 Nitrobenzene-d5
 Concen: 66.660 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF109716.D
 Acq: 10 Oct 2018 1:07

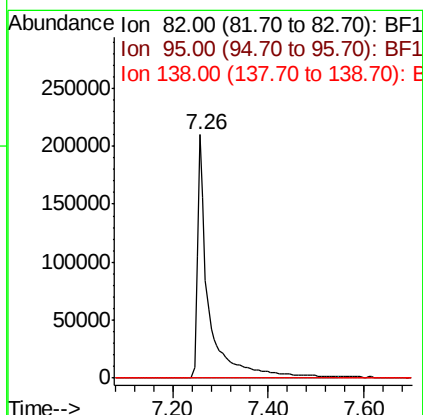
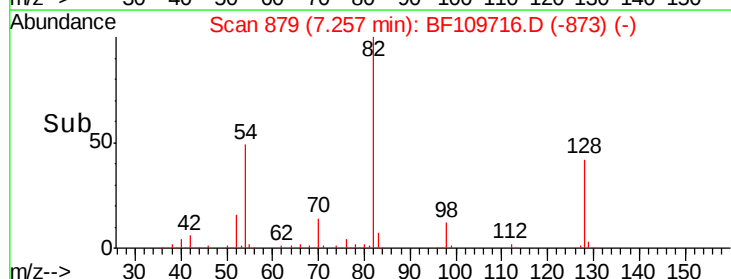
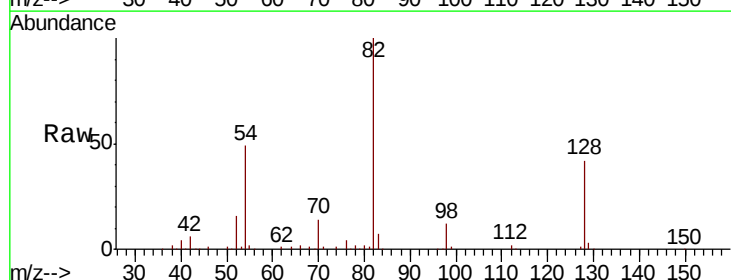
Instrument :
 BNA_F
 ClientSampleId :
 FL-PH-3-STONE

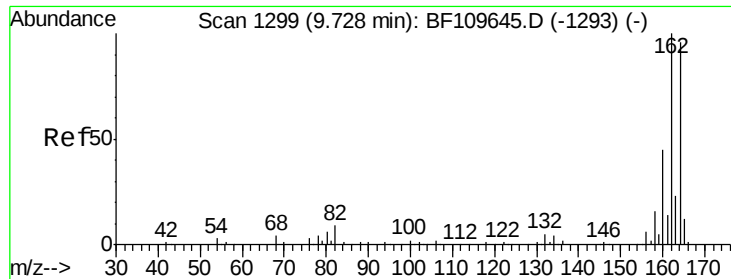
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.1	34.2	51.2
54	48.6	38.6	58.0



#25
 Isophorone
 Concen: 40.199 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.26 min
 Lab File: BF109716.D
 Acq: 10 Oct 2018 1:07

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF109716.D

Acq: 10 Oct 2018 1:07

Instrument :

BNA_F

ClientSampleId :

FL-PH-3-STONE

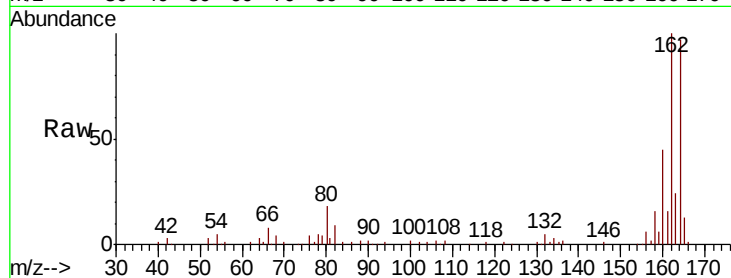
Tgt Ion:164 Resp: 116753

Ion Ratio Lower Upper

164 100

162 102.9 83.0 124.6

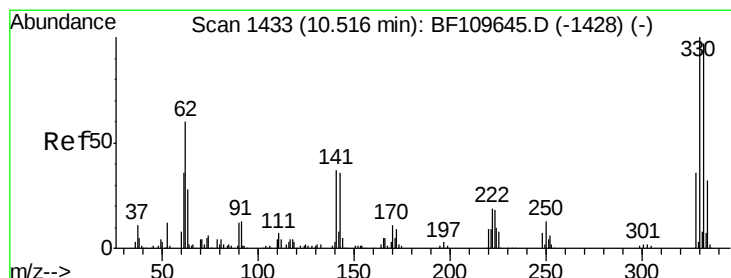
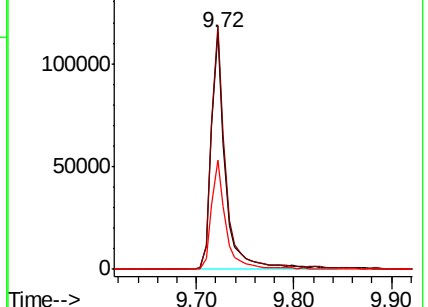
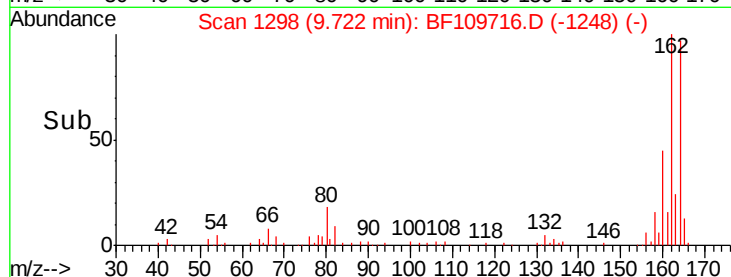
160 46.2 37.0 55.6



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: 83.446 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF109716.D

Acq: 10 Oct 2018 1:07

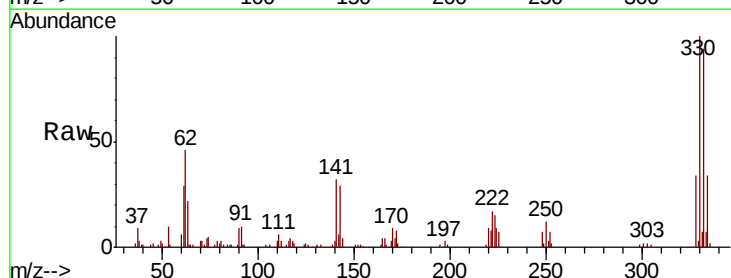
Tgt Ion:330 Resp: 106156

Ion Ratio Lower Upper

330 100

332 95.6 77.1 115.7

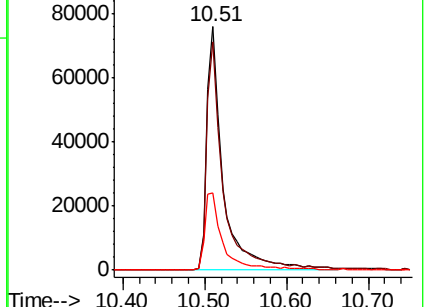
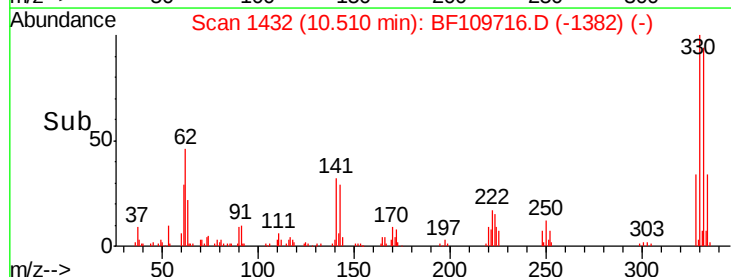
141 35.3 27.0 40.4

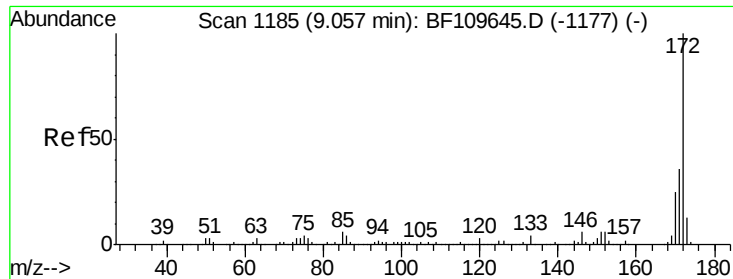


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

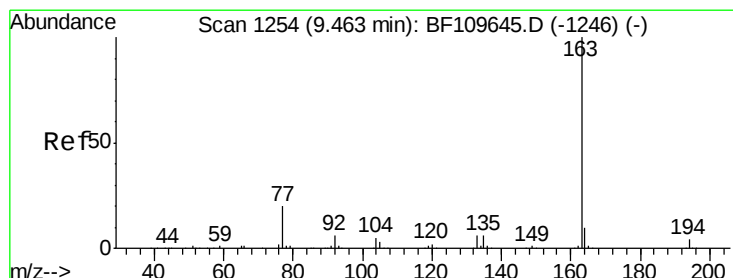
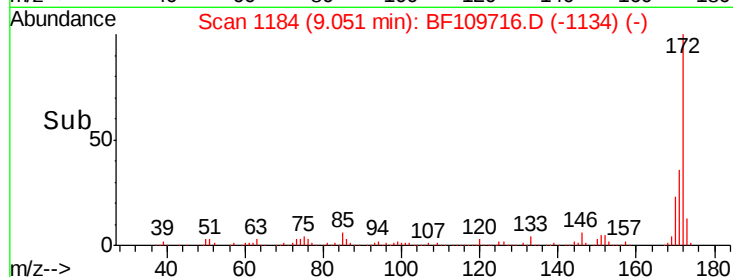
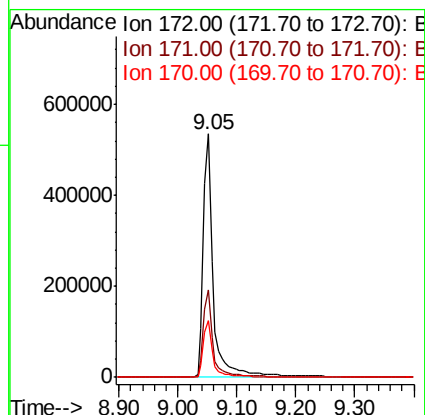
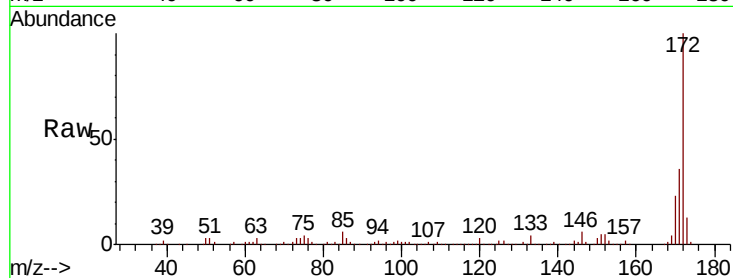




#44
 2-Fluorobiphenyl
 Concen: 74.229 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109716.D
 Acq: 10 Oct 2018 1:07

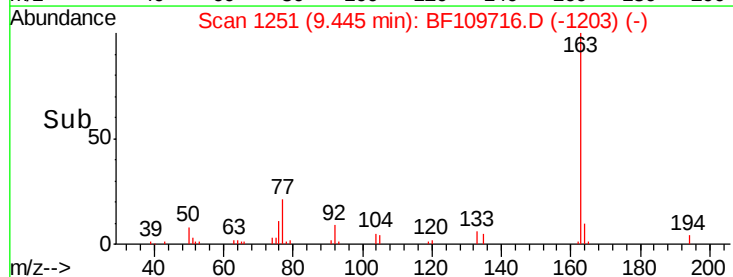
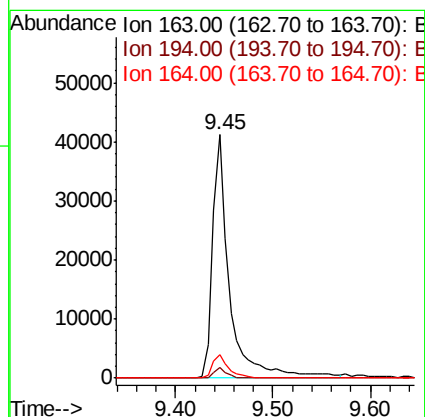
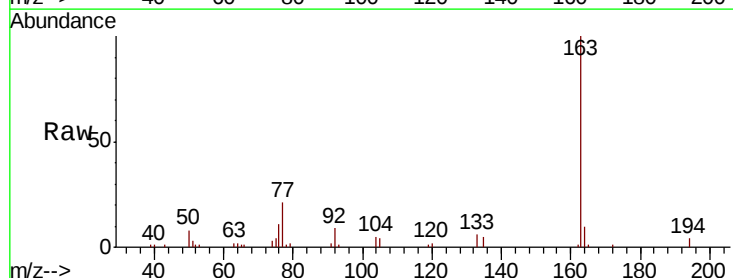
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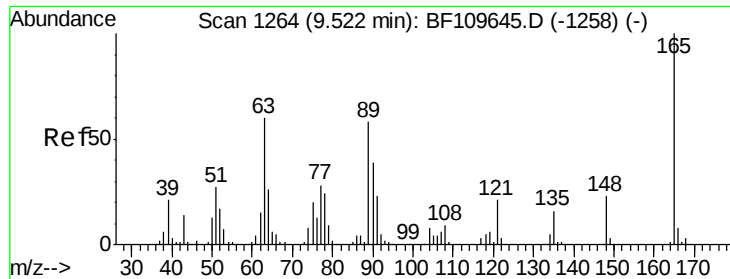
Tgt Ion:172 Resp: 629255
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.6 43.0
 170 23.4 19.7 29.5



#49
 Dimethylphthalate
 Concen: 5.800 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. -0.02 min
 Lab File: BF109716.D
 Acq: 10 Oct 2018 1:07

Tgt Ion:163 Resp: 49660
 Ion Ratio Lower Upper
 163 100
 194 4.4 3.2 4.8
 164 9.6 8.1 12.1

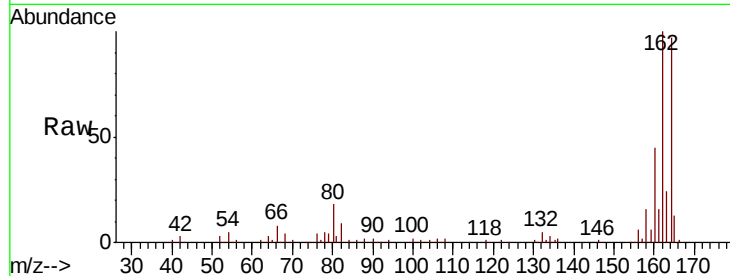




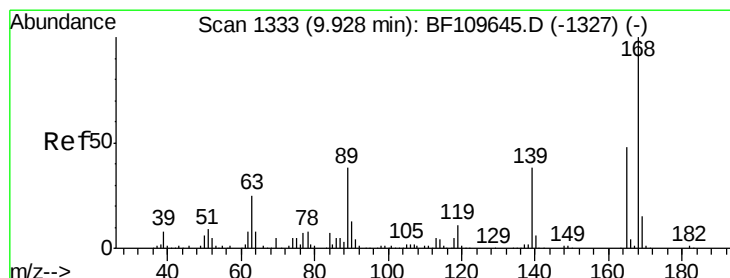
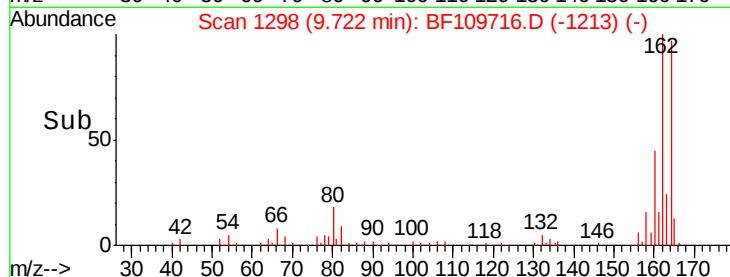
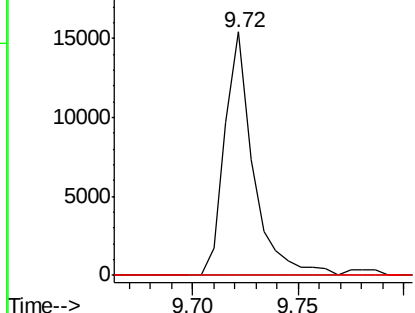
#50
 2,6-Dinitrotoluene
 Concen: 7.772 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. 0.20 min
 Lab File: BF109716.D
 Acq: 10 Oct 2018 1:07

Instrument :
 BNA_F
 ClientSampleId :
 FL-PH-3-STONE

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	0.0	46.6	69.8#

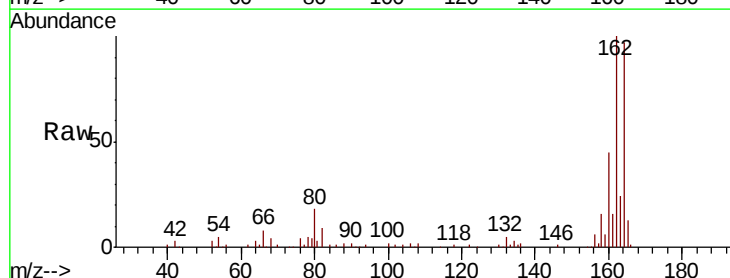


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

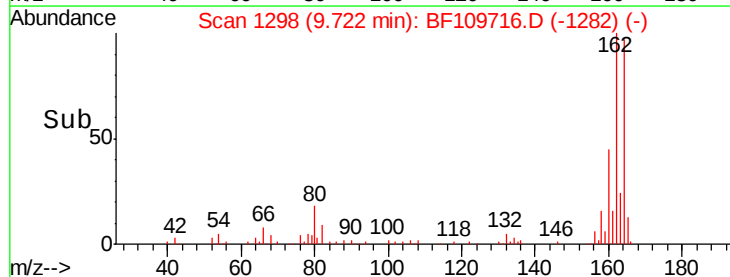
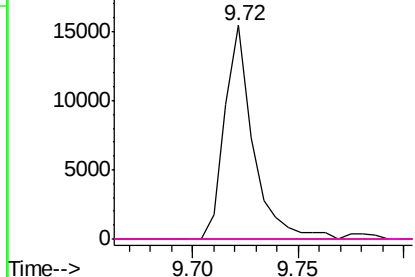


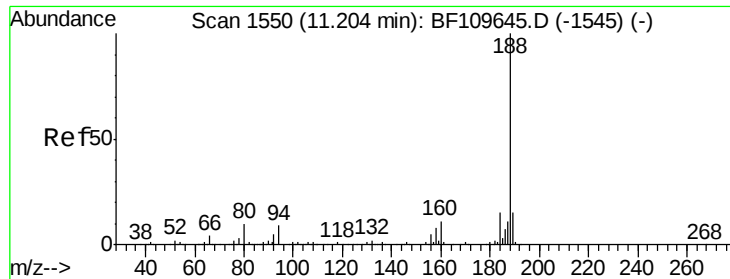
#56
 2,4-Dinitrotoluene
 Concen: 6.228 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.21 min
 Lab File: BF109716.D
 Acq: 10 Oct 2018 1:07

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#



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

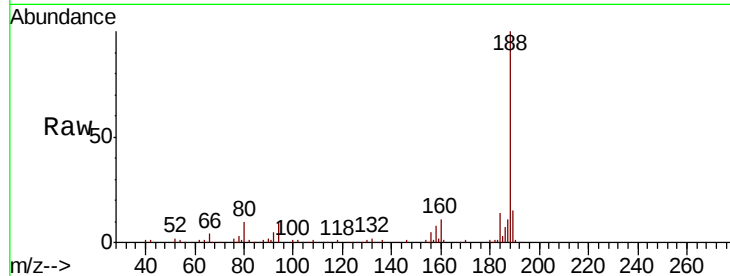




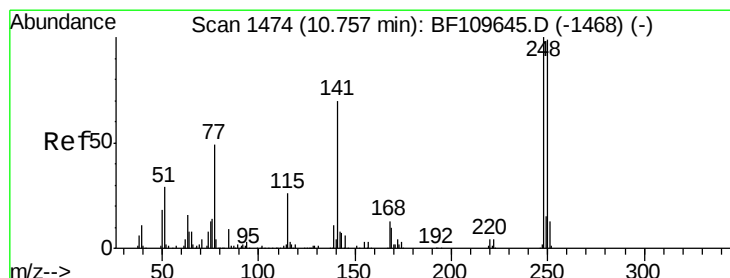
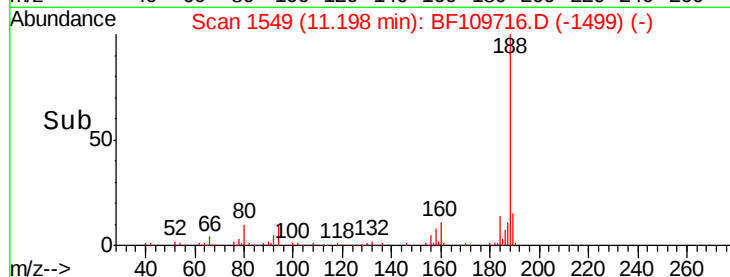
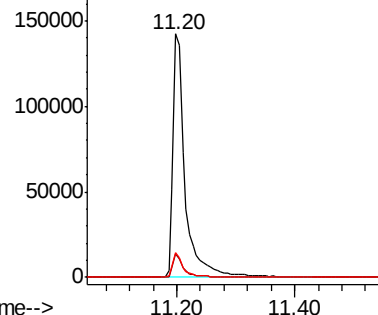
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109716.D
Acq: 10 Oct 2018 1:07

Instrument :
BNA_F
ClientSampleId :
FL-PH-3-STONE

Tgt Ion:188 Resp: 201406
Ion Ratio Lower Upper
188 100
94 9.7 7.2 10.8
80 10.3 7.9 11.9

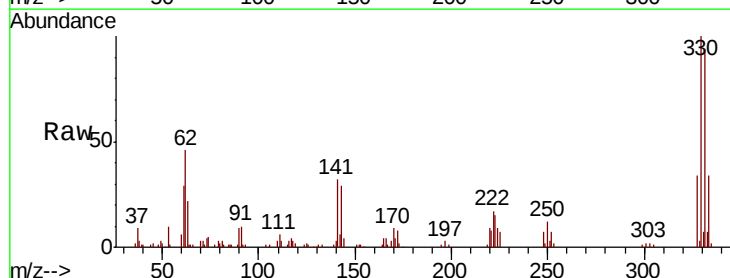


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

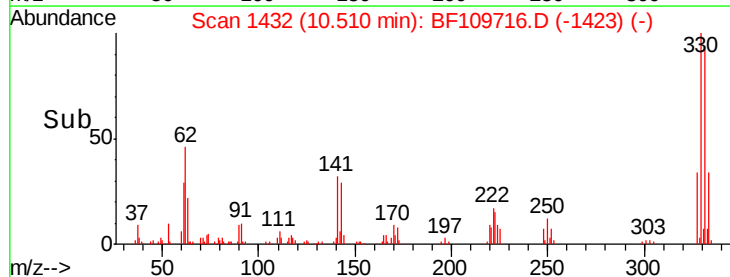
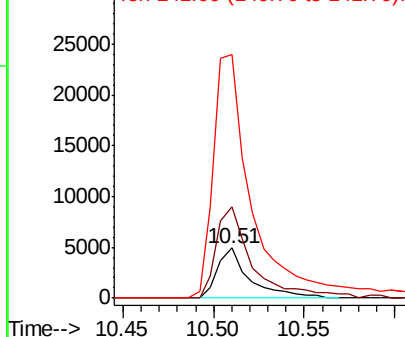


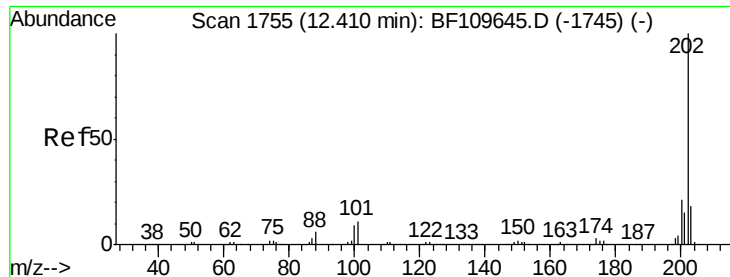
#66
4-Bromophenyl-phenylether
Concen: 2.639 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF109716.D
Acq: 10 Oct 2018 1:07

Tgt Ion:248 Resp: 6107
Ion Ratio Lower Upper
248 100
250 182.9 79.4 119.2#
141 485.4 55.9 83.9#



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

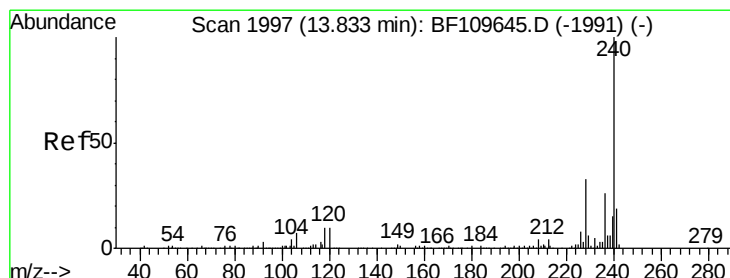
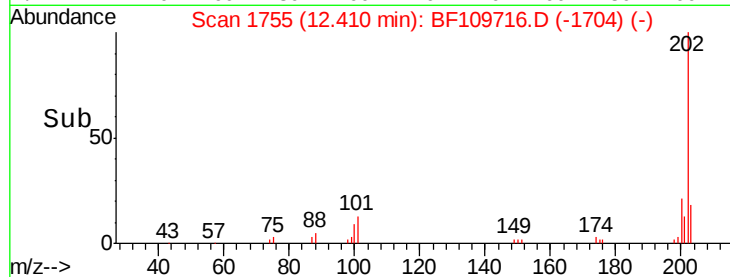
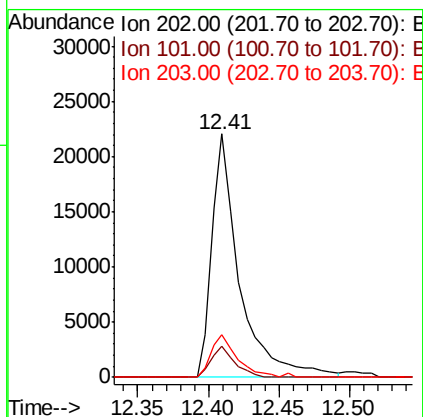
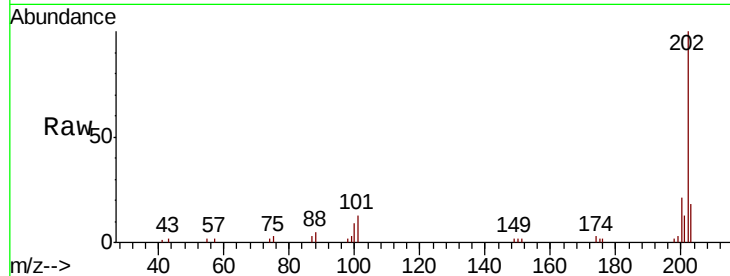




#74
 Fluoranthene
 Concen: 2.851 ng
 RT: 12.41 min Scan# 1755
 Delta R.T. -0.00 min
 Lab File: BF109716.D
 Acq: 10 Oct 2018 1:07

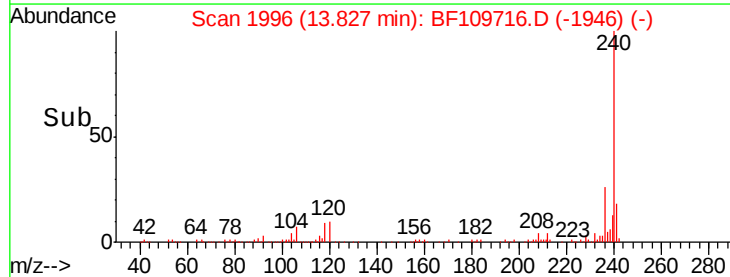
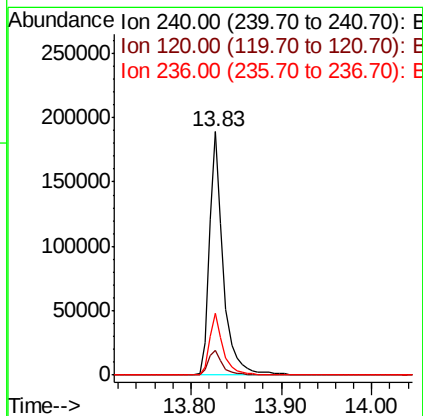
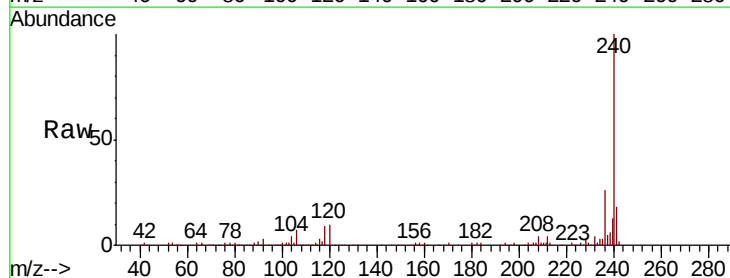
Instrument :
 BNA_F
 ClientSampleId :
 FL-PH-3-STONE

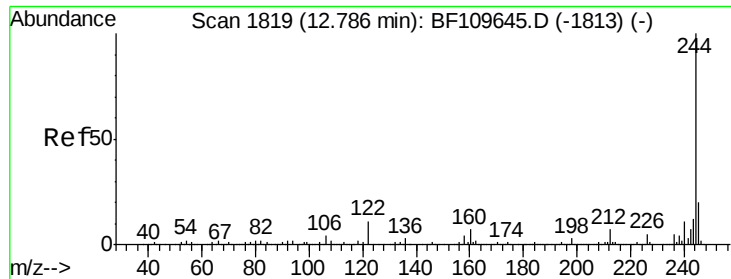
Tgt Ion: 202 Resp: 30024
 Ion Ratio Lower Upper
 202 100
 101 12.6 0.0 31.4
 203 17.6 0.0 37.7



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF109716.D
 Acq: 10 Oct 2018 1:07

Tgt Ion: 240 Resp: 202774
 Ion Ratio Lower Upper
 240 100
 120 10.4 8.3 12.5
 236 25.5 21.2 31.8





#78

Terphenyl-d14

Concen: 51.025 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109716.D

Acq: 10 Oct 2018 1:07

Instrument :

BNA_F

ClientSampleId :

FL-PH-3-STONE

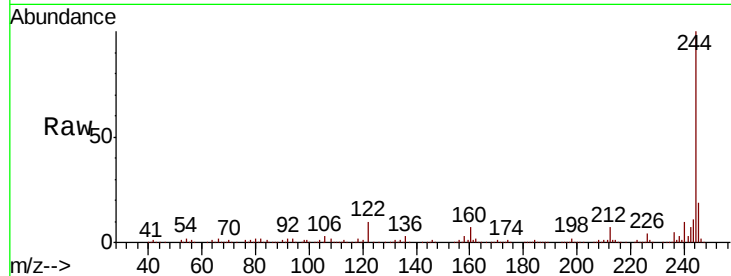
Tgt Ion:244 Resp: 534477

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

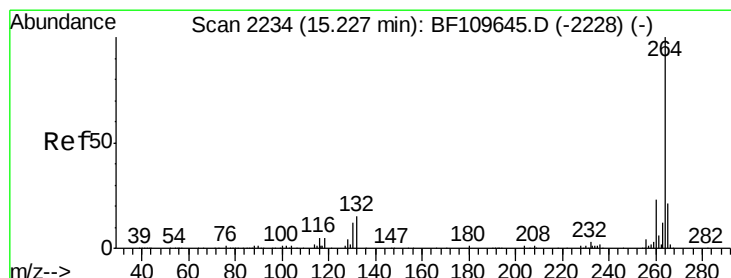
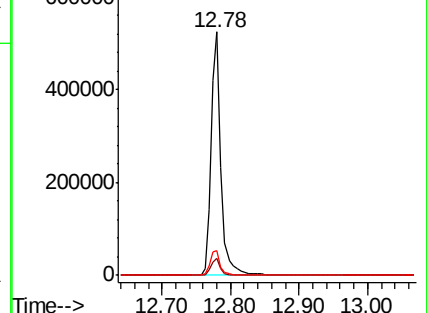
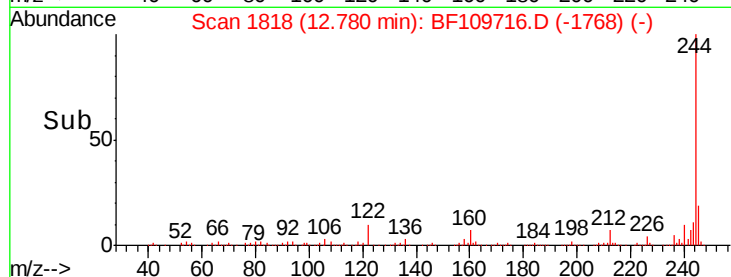
122 10.1 8.7 13.1



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

Perylene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2234

Delta R.T. -0.00 min

Lab File: BF109716.D

Acq: 10 Oct 2018 1:07

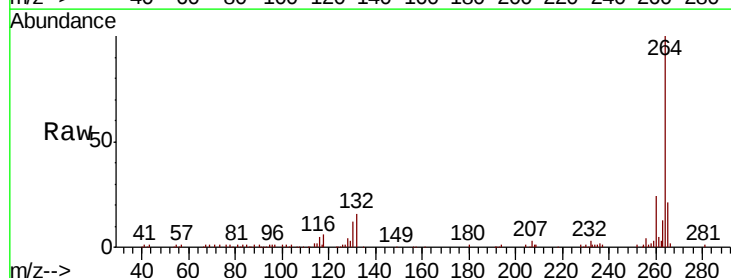
Tgt Ion:264 Resp: 159019

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

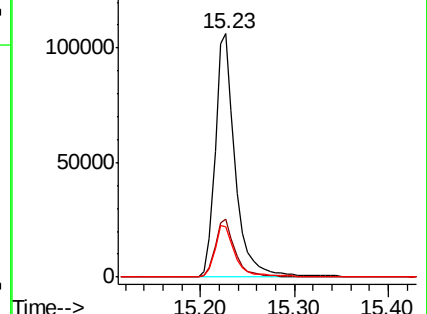
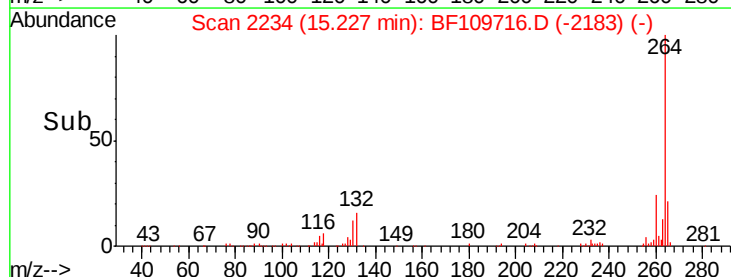
265 20.6 16.7 25.1

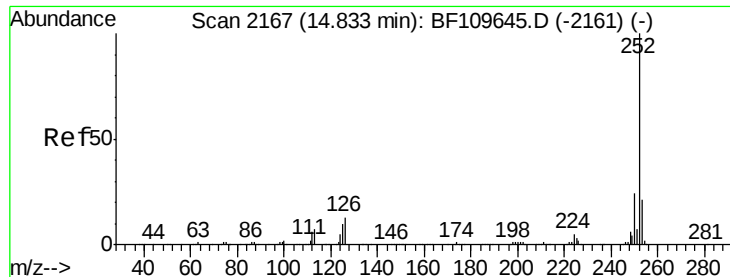


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

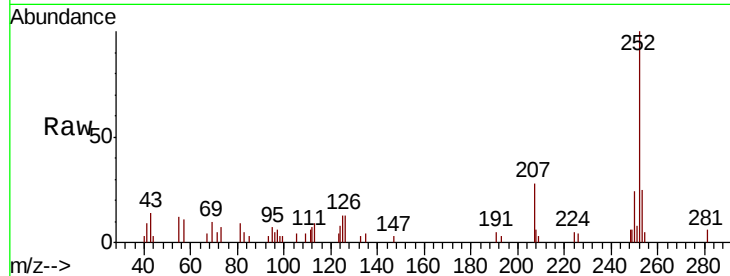




#87
Benzo(b)fluoranthene
Concen: 2.880 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BF109716.D
Acq: 10 Oct 2018 1:07

Instrument :
BNA_F
ClientSampleId :
FL-PH-3-STONE

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.2	25.8
125	13.4	8.2	12.4

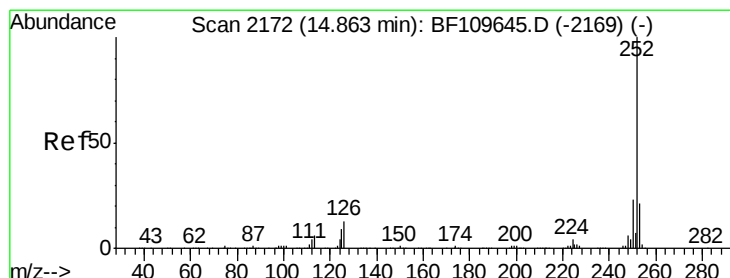
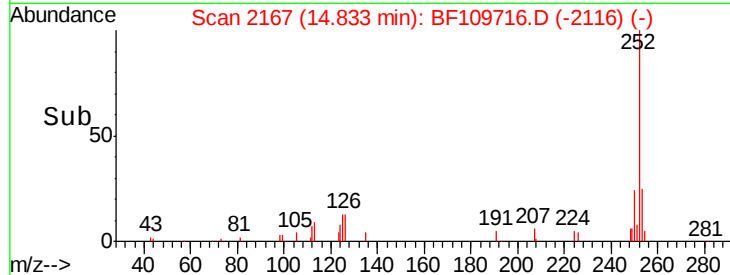
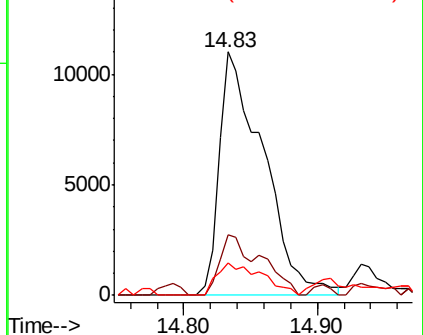


Abundance

Ion 252.00 (251.70 to 252.70): E

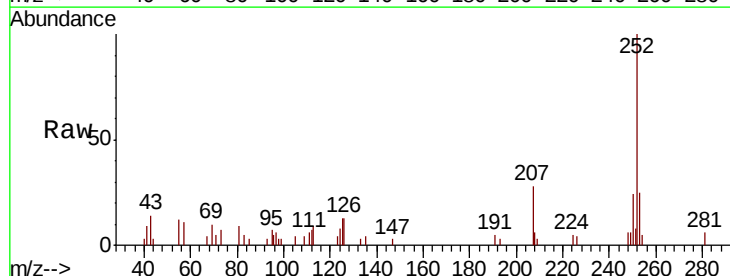
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88
Benzo(k)fluoranthene
Concen: 2.866 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.03 min
Lab File: BF109716.D
Acq: 10 Oct 2018 1:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.2	25.8
125	13.4	7.4	11.0



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

