

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120117\
 Data File : BF101071.D
 Acq On : 1 Dec 2017 18:51
 Operator : SJ/JU
 Sample : I6622-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DBEW1A-2-4

Quant Time: Dec 01 21:52:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 15:52:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	52304	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	199854	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	86314	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	139051	20.00	ng	0.00
75) Chrysene-d12	14.02	240	121802	20.00	ng	0.00
86) Perylene-d12	15.49	264	106846	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	247519	78.20	ng	0.00
7) Phenol-d6	6.48	99	308055	80.16	ng	0.00
23) Nitrobenzene-d5	7.41	82	186730	55.74	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	53568	51.66	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	296520	47.00	ng	0.00
78) Terphenyl-d14	12.96	244	203192	36.49	ng	0.00

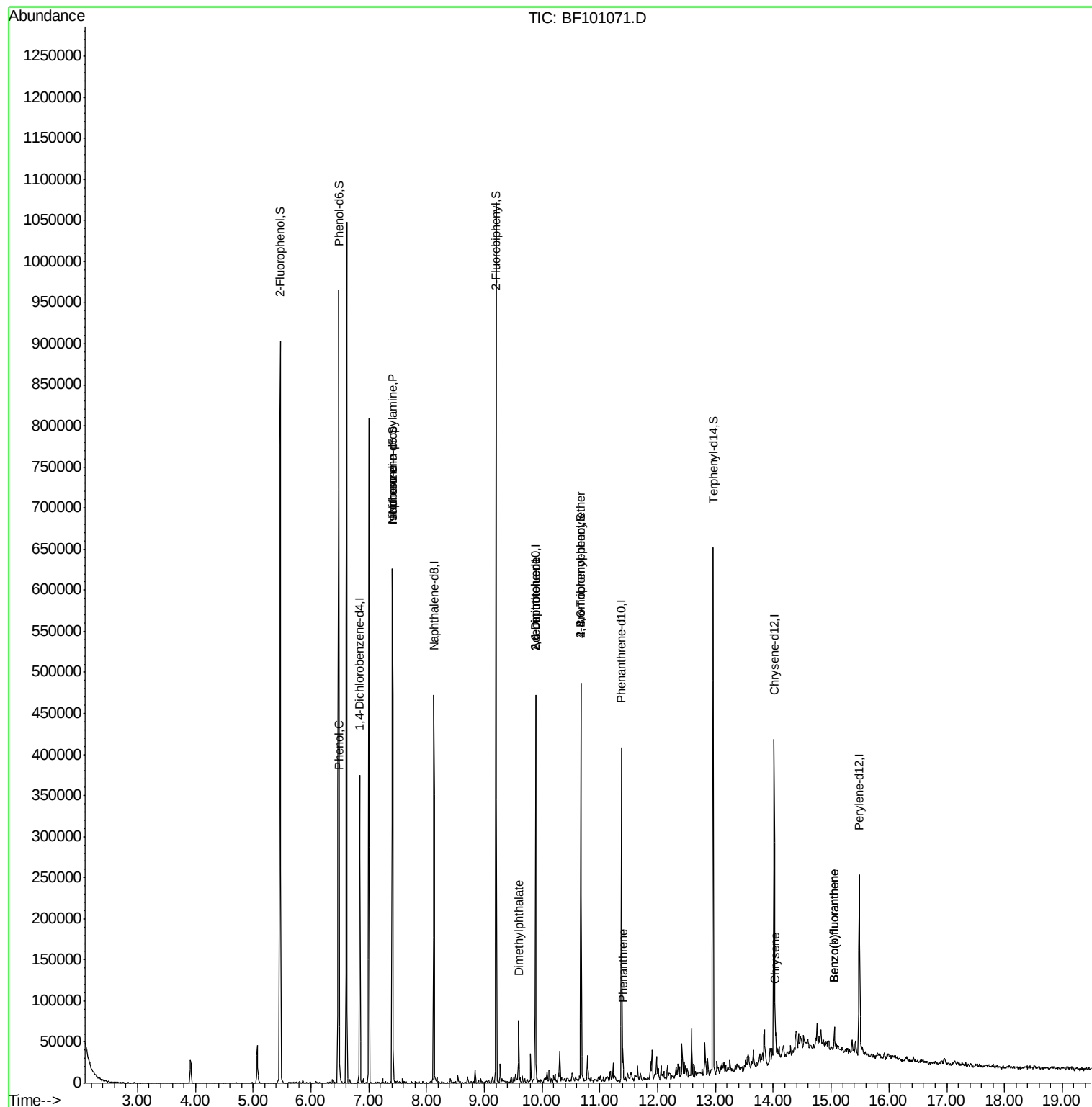
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.49	94	9095	2.128	ng	95
19) n-Nitroso-di-n-propylamine	7.41	70	24356	9.411	ng	# 84
25) Isophorone	7.41	82	186727	32.630	ng	# 64
49) Dimethylphthalate	9.59	163	25781	3.704	ng	# 99
50) 2,6-Dinitrotoluene	9.89	165	11347	7.739	ng	# 25
56) 2,4-Dinitrotoluene	9.89	165	11347	5.775	ng	# 23
66) 4-Bromophenyl-phenylether	10.67	248	3391	2.179	ng	# 1
70) Phenanthrene	11.40	178	15421	2.014	ng	98
82) Chrysene	14.04	228	17242	2.414	ng	# 90
87) Benzo(b)fluoranthene	15.06	252	16293	2.546	ng	# 90
88) Benzo(k)fluoranthene	15.06	252	16293	2.584	ng	# 93

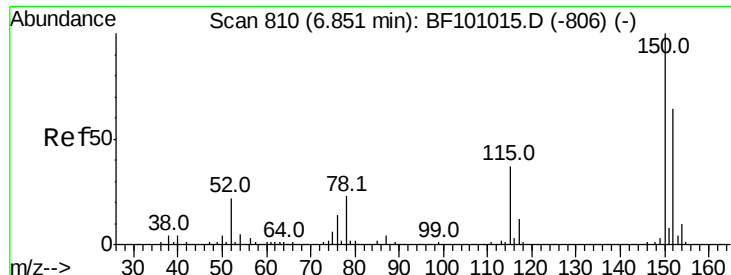
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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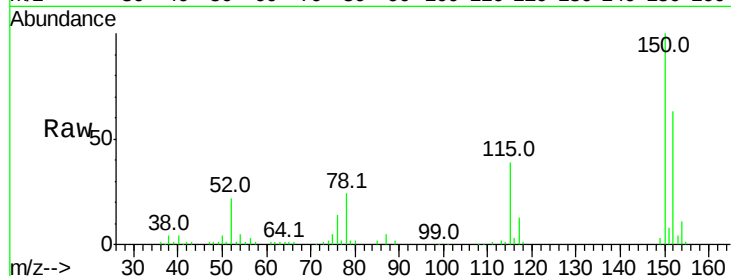


#1

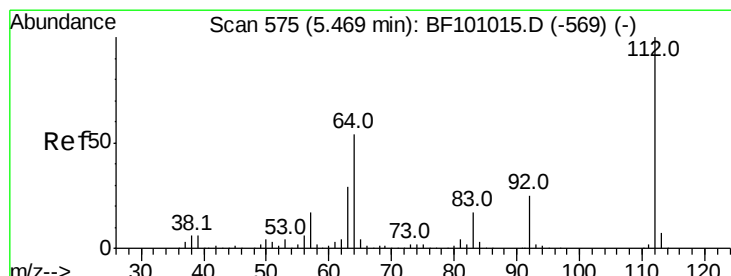
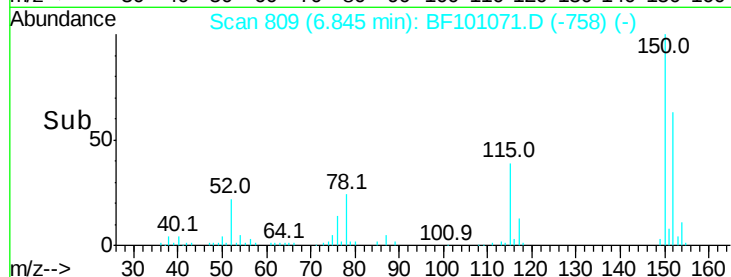
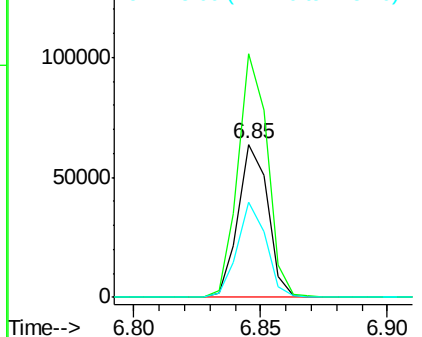
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101071.D
Acq: 1 Dec 2017 18:51

Instrument :
BNA_F
ClientSampleId :
DBEW1A-2-4

Tot Ion:152 Resp: 52304
Ion Ratio Lower Upper
152 100
150 159.0 124.6 186.8
115 62.4 50.1 75.1



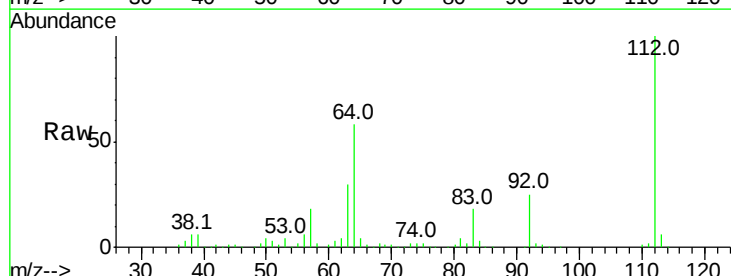
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



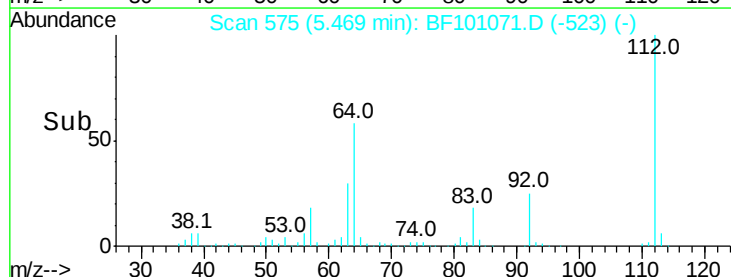
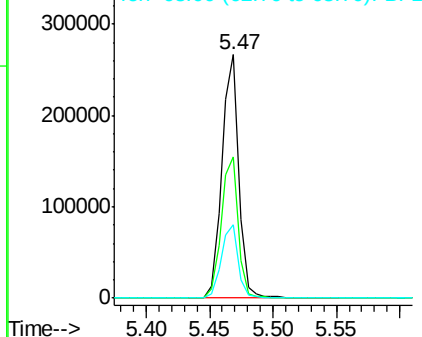
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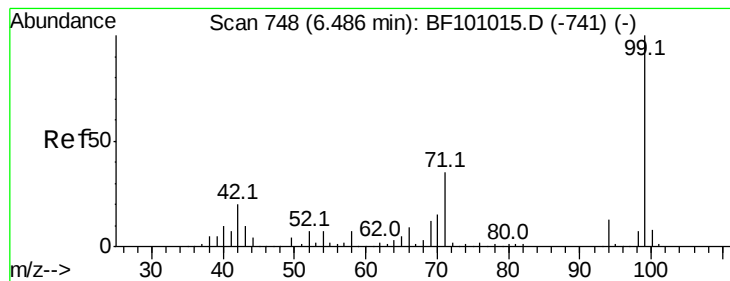
2-Fluorophenol
Concen: 78.199 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF101071.D
Acq: 1 Dec 2017 18:51

Tgt Ion:112 Resp: 247519
Ion Ratio Lower Upper
112 100
64 57.8 47.9 71.9
63 30.0 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: 80.162 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF101071.D

Acq: 1 Dec 2017 18:51

Instrument :

BNA_F

ClientSampleId :

DBEW1A-2-4

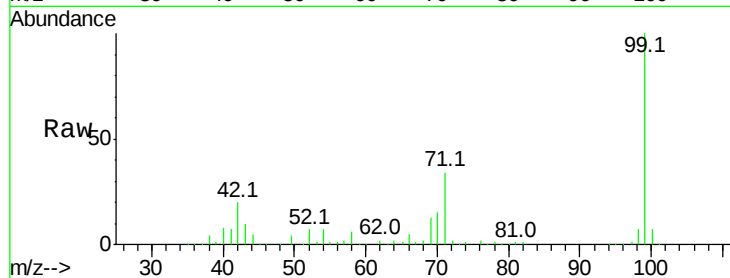
Tot Ion: 99 Resp: 308055

Ion Ratio Lower Upper

99 100

42 19.6 14.5 21.7

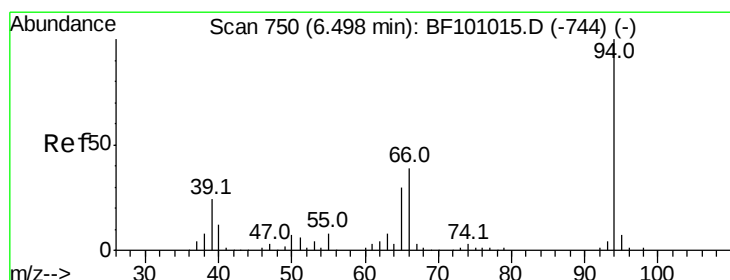
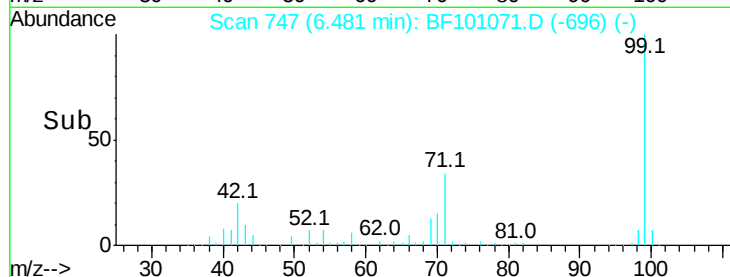
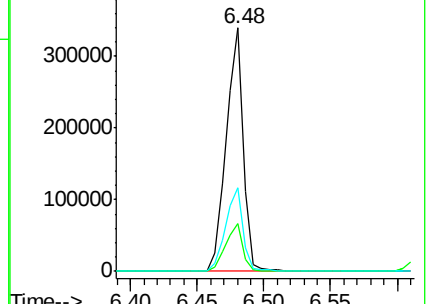
71 34.2 25.4 38.0



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: 2.128 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF101071.D

Acq: 1 Dec 2017 18:51

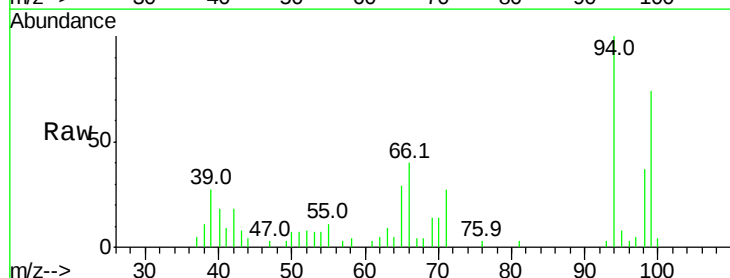
Tgt Ion: 94 Resp: 9095

Ion Ratio Lower Upper

94 100

65 28.6 7.9 47.9

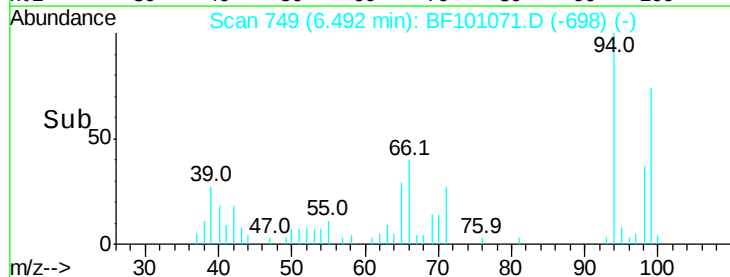
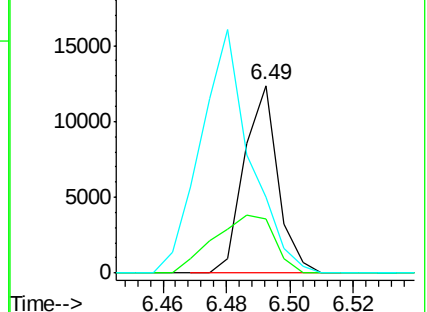
66 40.3 16.2 56.2

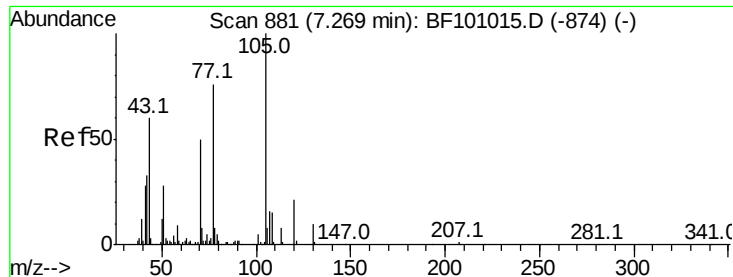


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

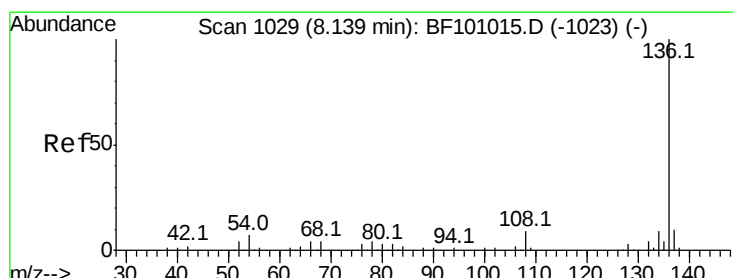
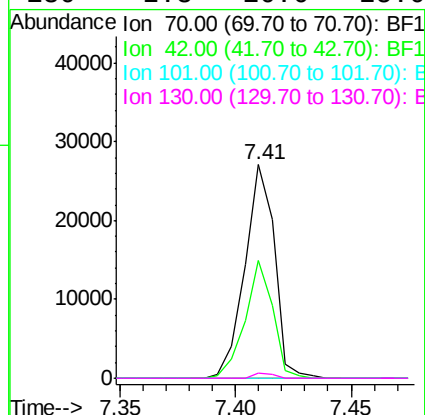
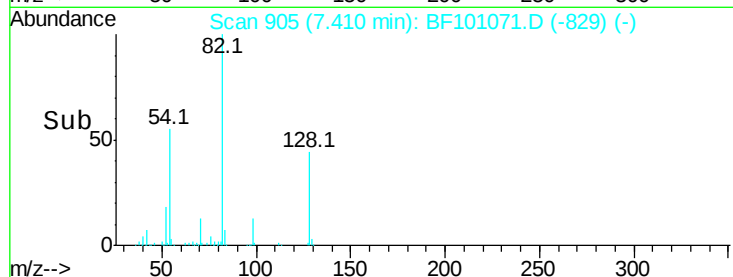
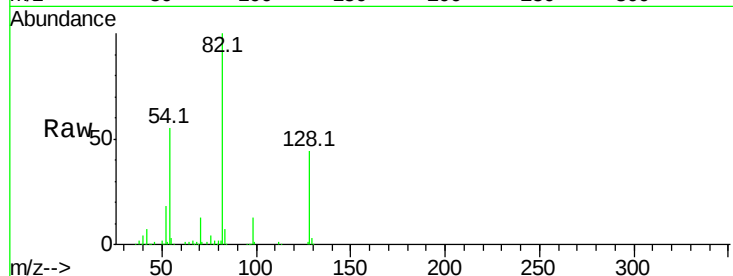




#19
n-Nitroso-di-n-propylamine
Concen: 9.411 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.15 min
Lab File: BF101071.D
Acq: 1 Dec 2017 18:51

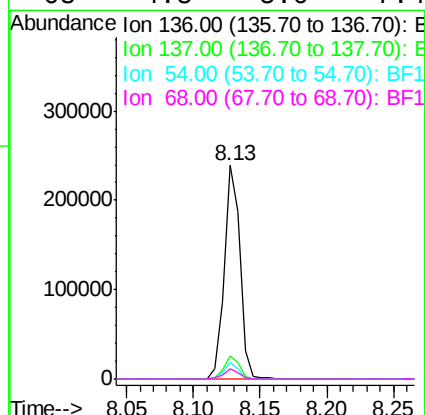
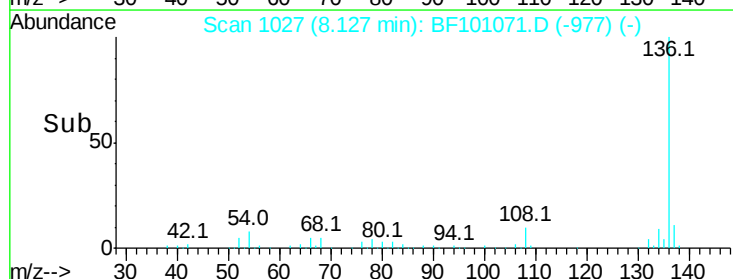
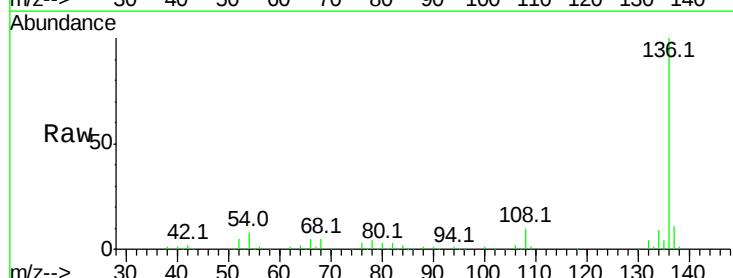
Instrument :
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DBEW1A-2-4

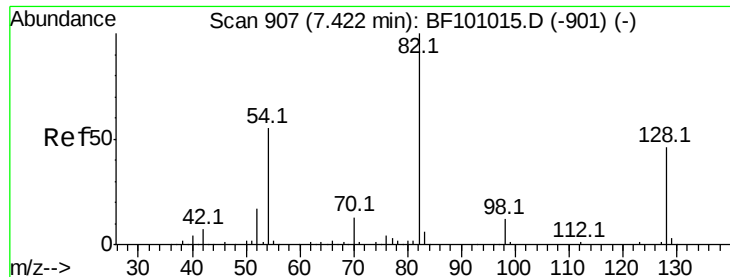
Tot Ion: 70 Resp: 24356
Ion Ratio Lower Upper
70 100
42 55.2 47.5 71.3
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101071.D
Acq: 1 Dec 2017 18:51

Tgt Ion:136 Resp: 199854
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.8 6.6 9.8
68 4.8 5.0 7.4#

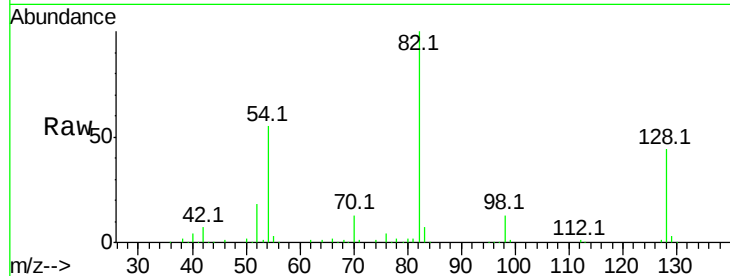




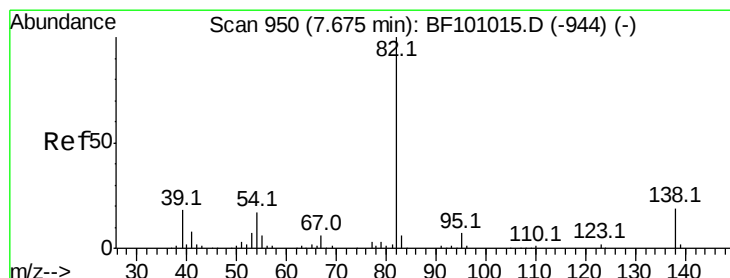
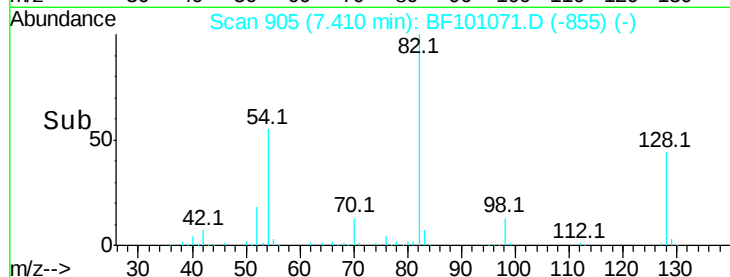
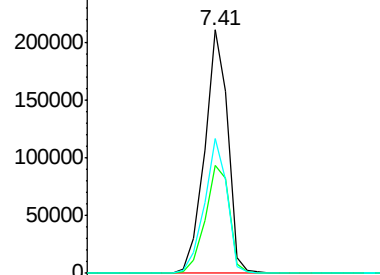
#23
Nitrobenzene-d5
Concen: 55.736 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101071.D
Acq: 1 Dec 2017 18:51

Instrument :
BNA_F
ClientSampleId :
DBEW1A-2-4

Tot Ion: 82 Resp: 186730
Ion Ratio Lower Upper
82 100
128 44.2 36.1 54.1
54 55.4 41.4 62.2

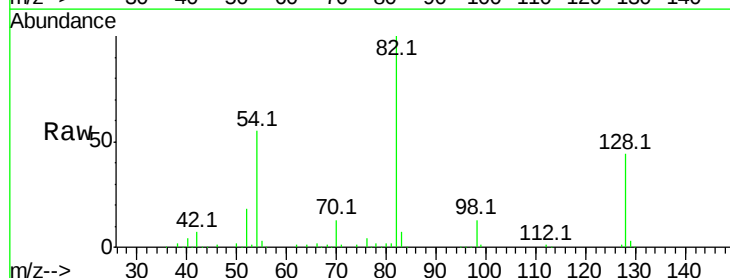


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

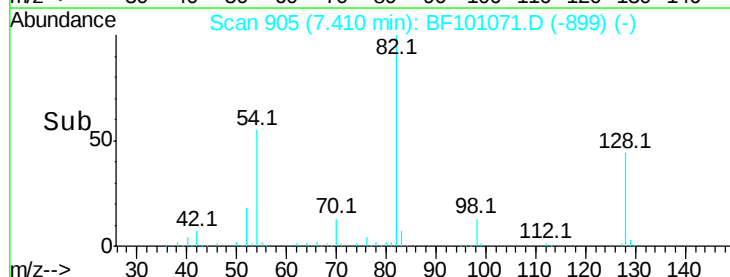
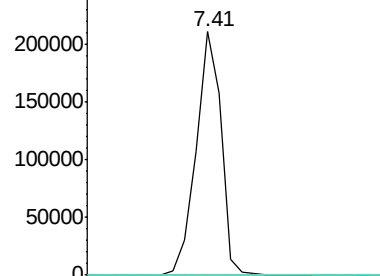


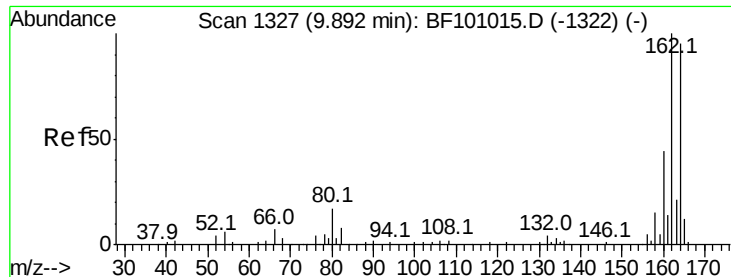
#25
Isophorone
Concen: 32.630 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF101071.D
Acq: 1 Dec 2017 18:51

Tgt Ion: 82 Resp: 186727
Ion Ratio Lower Upper
82 100
95 0.2 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

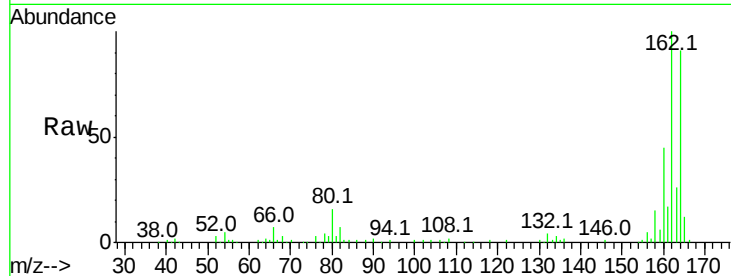




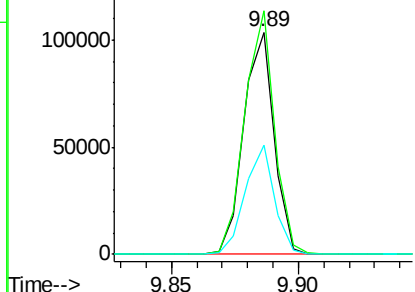
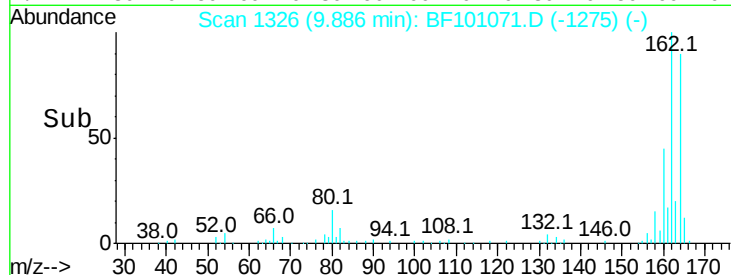
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF101071.D
Acq: 1 Dec 2017 18:51

Instrument :
BNA_F
ClientSampleId :
DBEW1A-2-4

Tot Ion:164 Resp: 86314
Ion Ratio Lower Upper
164 100
162 109.7 86.1 129.1
160 49.0 38.3 57.5

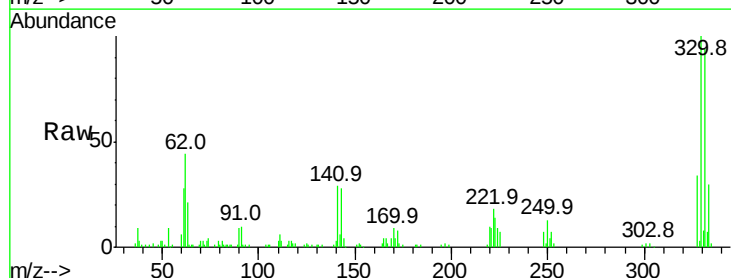


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

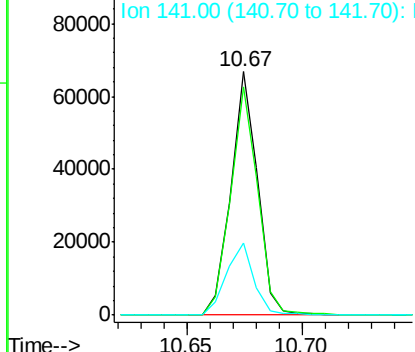
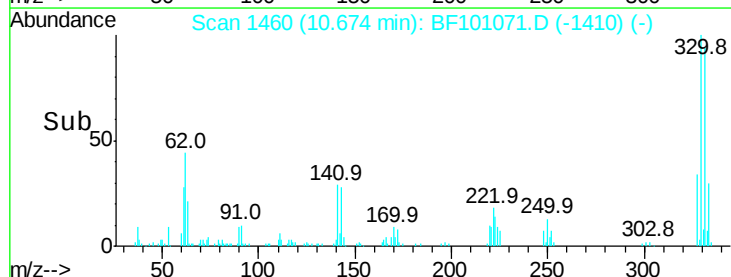


#41
2,4,6-Tribromophenol
Concen: 51.663 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF101071.D
Acq: 1 Dec 2017 18:51

Tgt Ion:330 Resp: 53568
Ion Ratio Lower Upper
330 100
332 95.8 77.0 115.6
141 30.2 29.9 44.9



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

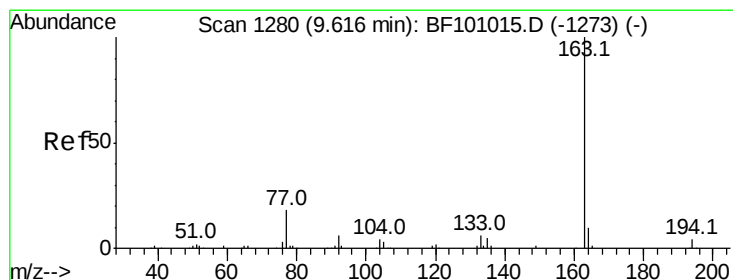
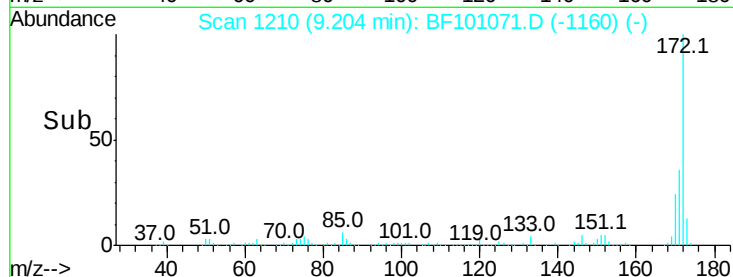
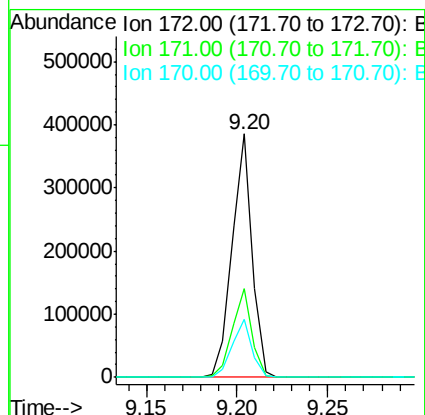
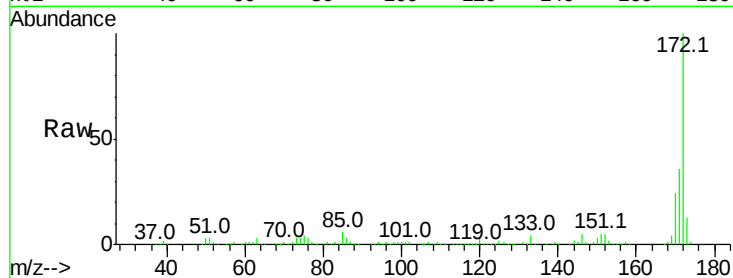




#44
 2-Fluorobiphenyl
 Concen: 47.003 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF101071.D
 Acq: 1 Dec 2017 18:51

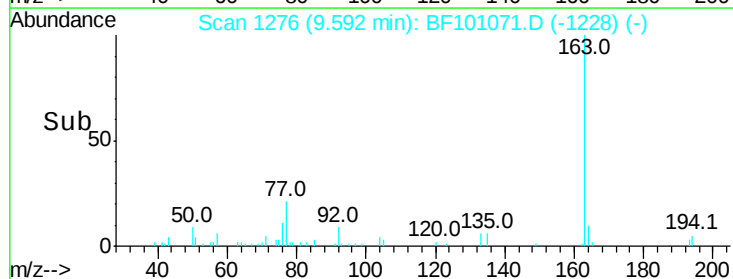
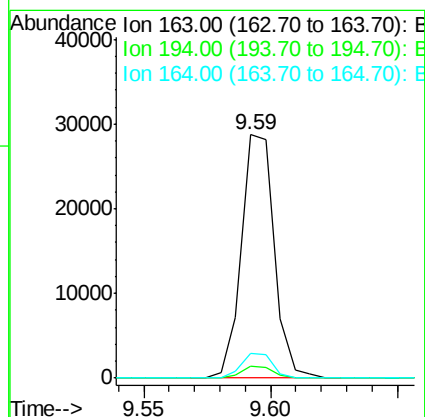
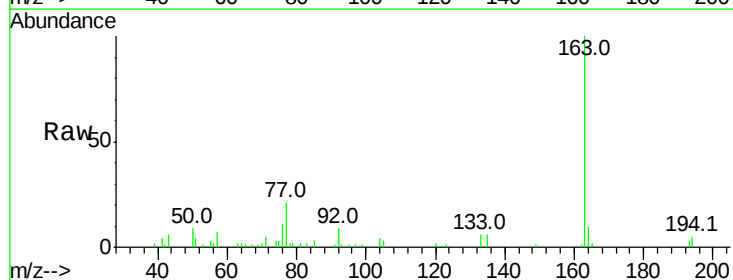
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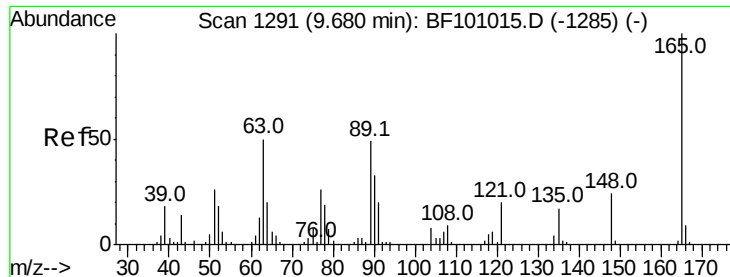
Tot Ion:172 Resp: 296520
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.1 19.6 29.4



#49
 Dimethylphthalate
 Concen: 3.704 ng
 RT: 9.59 min Scan# 1276
 Delta R.T. -0.02 min
 Lab File: BF101071.D
 Acq: 1 Dec 2017 18:51

Tgt Ion:163 Resp: 25781
 Ion Ratio Lower Upper
 163 100
 194 4.9 2.7 4.1#
 164 10.3 8.2 12.2

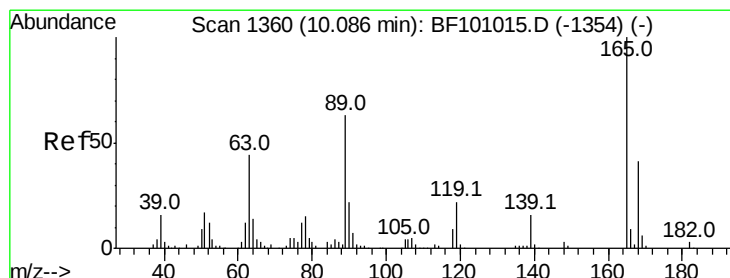
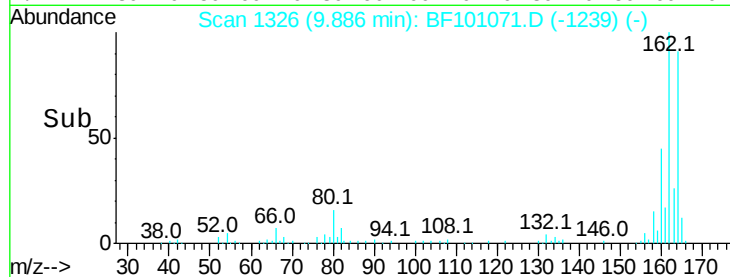
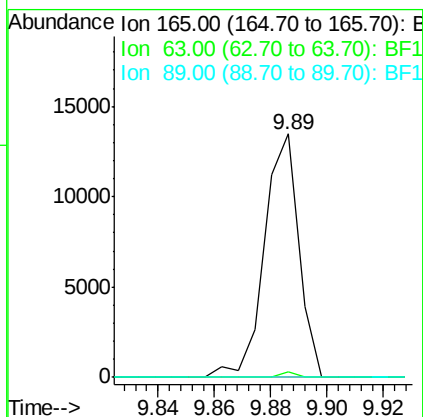
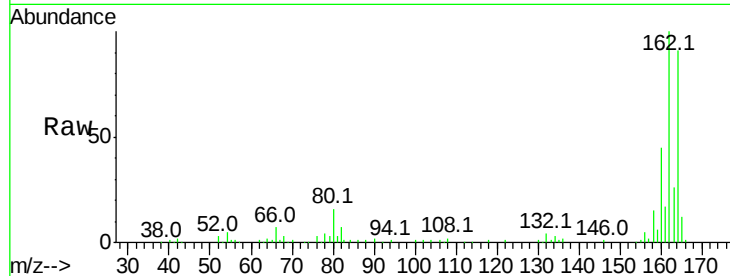




#50
 2,6-Dinitrotoluene
 Concen: 7.739 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.21 min
 Lab File: BF101071.D
 Acq: 1 Dec 2017 18:51

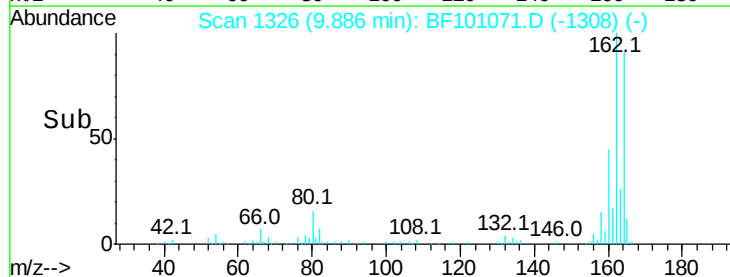
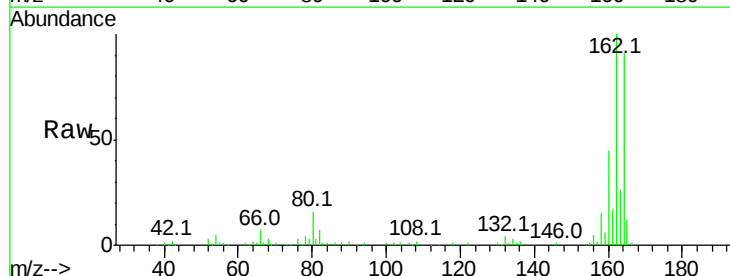
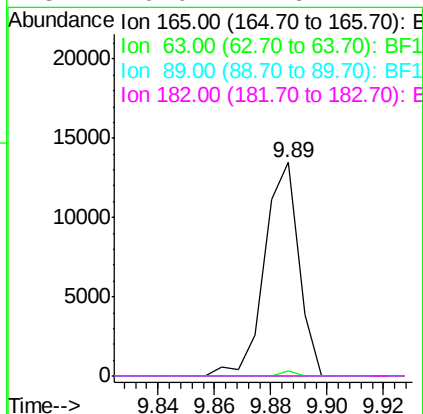
Instrument :
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 DBEW1A-2-4

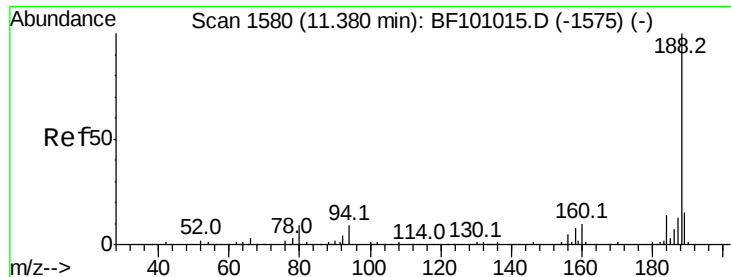
Tot Ion:165 Resp: 11347
 Ion Ratio Lower Upper
 165 100
 63 2.3 44.7 67.1#
 89 0.0 44.0 66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.775 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.19 min
 Lab File: BF101071.D
 Acq: 1 Dec 2017 18:51

Tgt Ion:165 Resp: 11347
 Ion Ratio Lower Upper
 165 100
 63 2.3 36.4 54.6#
 89 0.0 57.8 86.6#
 182 0.0 1.6 2.4#

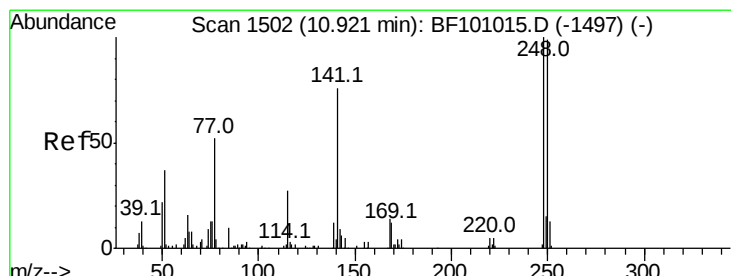
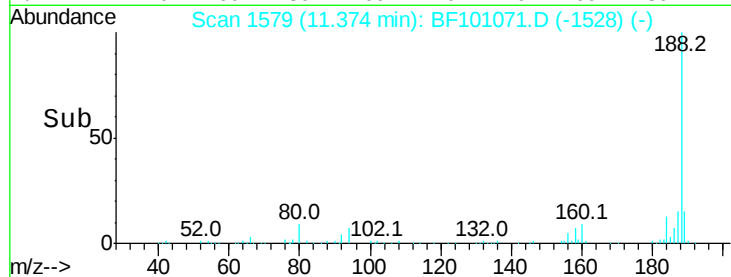
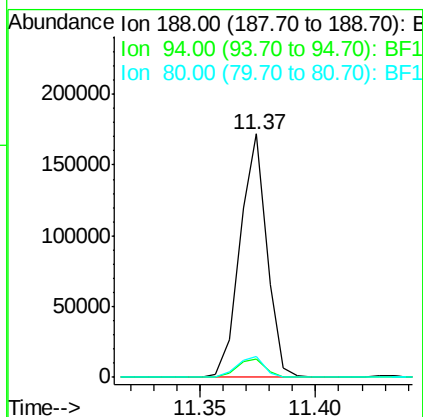
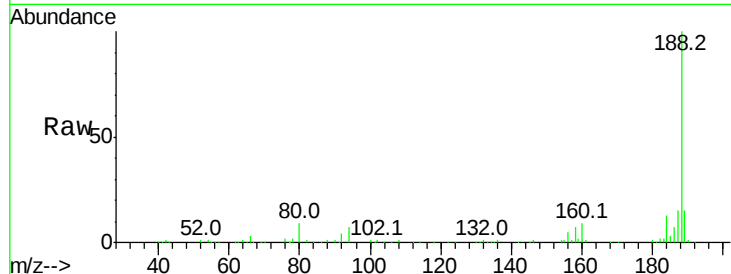




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF101071.D
 Acq: 1 Dec 2017 18:51

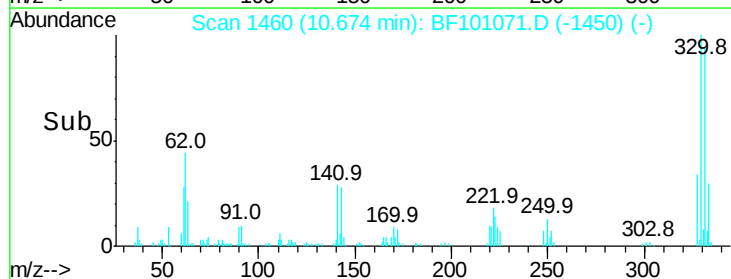
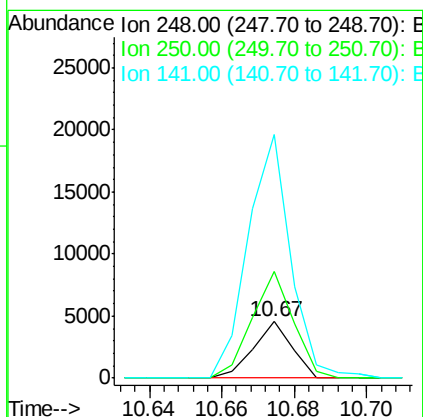
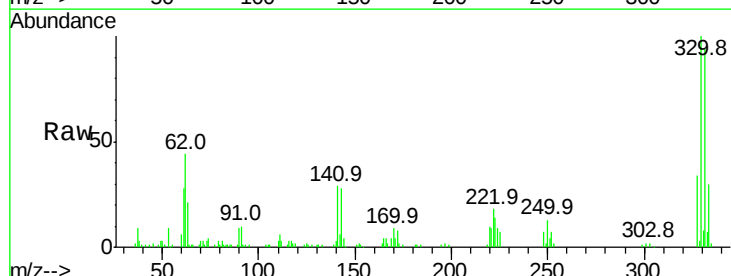
Instrument :
 BNA_F
 ClientSampleId :
 DBEW1A-2-4

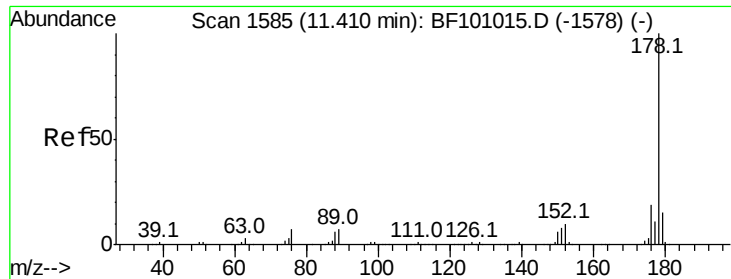
Tot Ion:188 Resp: 139051
 Ion Ratio Lower Upper
 188 100
 94 7.4 8.5 12.7#
 80 8.7 9.2 13.8#



#66
 4-Bromophenyl-phenylether
 Concen: 2.179 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.24 min
 Lab File: BF101071.D
 Acq: 1 Dec 2017 18:51

Tgt Ion:248 Resp: 3391
 Ion Ratio Lower Upper
 248 100
 250 188.5 76.9 115.3#
 141 431.2 74.4 111.6#





#70

Phenanthrene

Concen: 2.014 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF101071.D

Acq: 1 Dec 2017 18:51

Instrument :

BNA_F

ClientSampleId :

DBEW1A-2-4

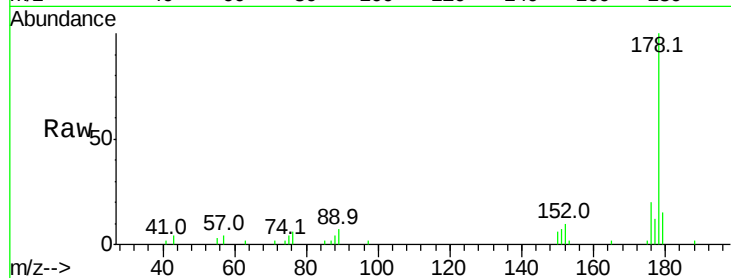
Tot Ion:178 Resp: 15421

Ion Ratio Lower Upper

178 100

176 20.0 15.8 23.8

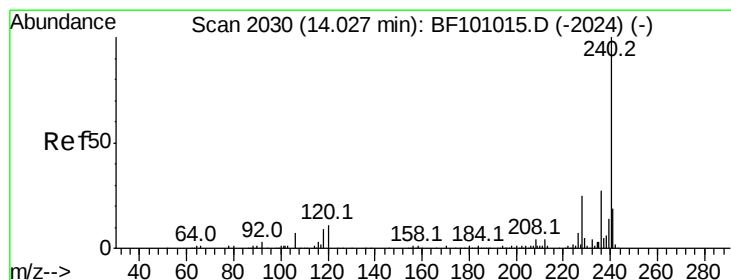
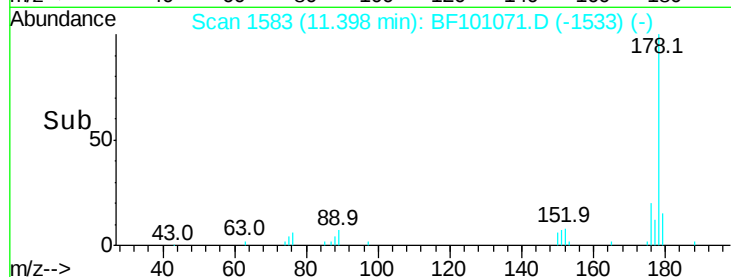
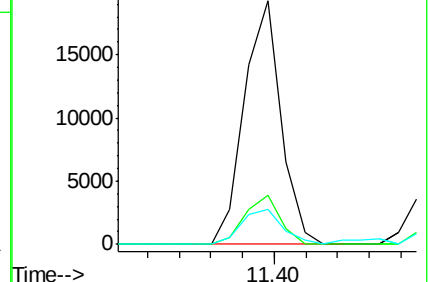
179 14.6 13.0 19.6



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF101071.D

Acq: 1 Dec 2017 18:51

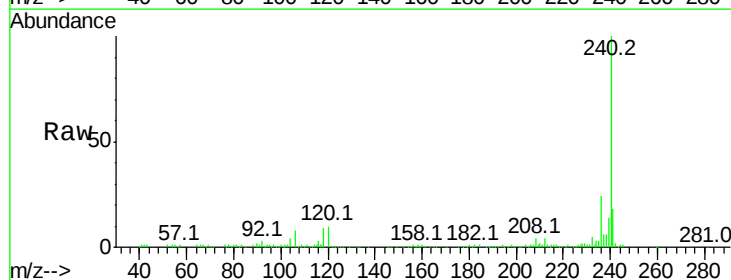
Tgt Ion:240 Resp: 121802

Ion Ratio Lower Upper

240 100

120 9.9 9.5 14.3

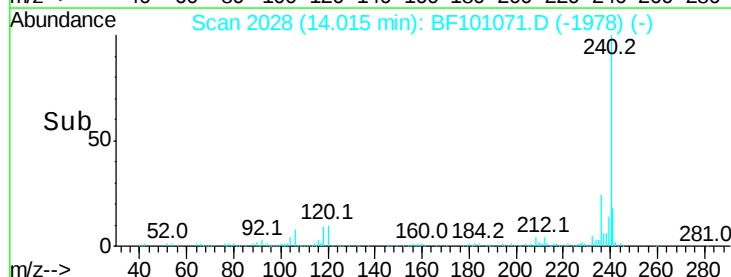
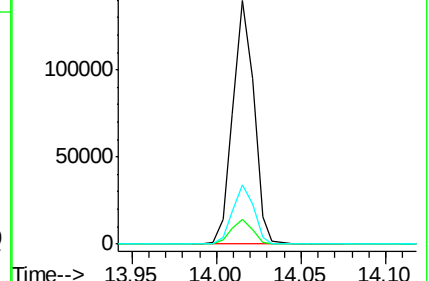
236 24.4 20.7 31.1

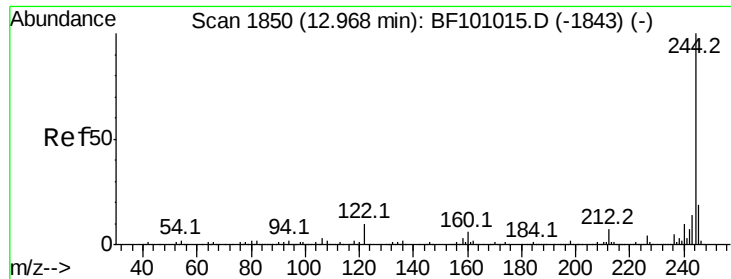


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 36.488 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF101071.D

Acq: 1 Dec 2017 18:51

Instrument :

BNA_F

ClientSampleId :

DBEW1A-2-4

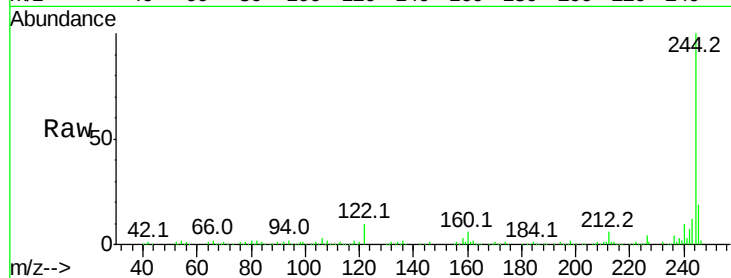
Tot Ion:244 Resp: 203192

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

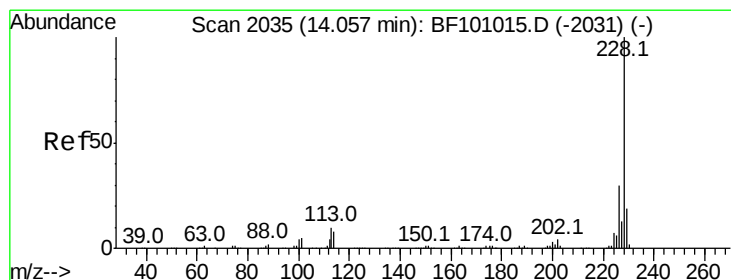
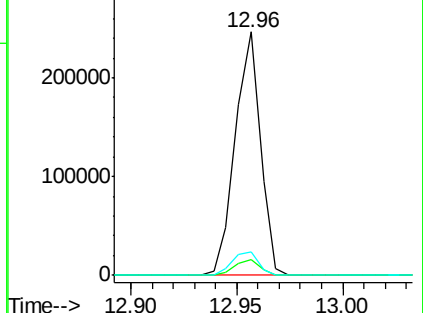
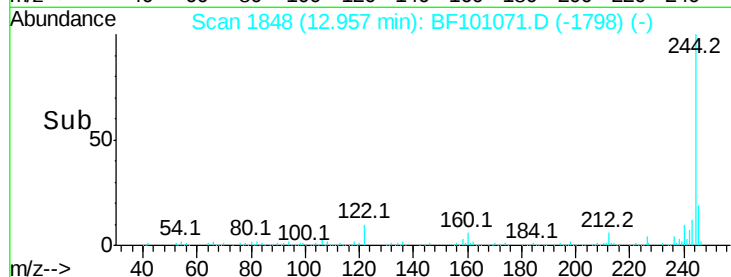
122 9.6 11.0 16.4#



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



#82

Chrysene

Concen: 2.414 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF101071.D

Acq: 1 Dec 2017 18:51

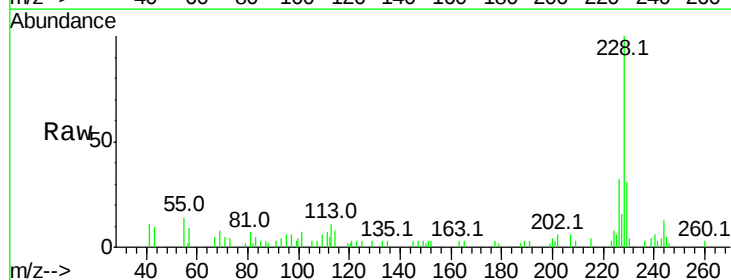
Tgt Ion:228 Resp: 17242

Ion Ratio Lower Upper

228 100

226 32.5 25.0 37.6

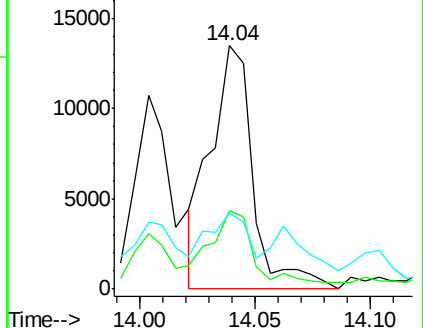
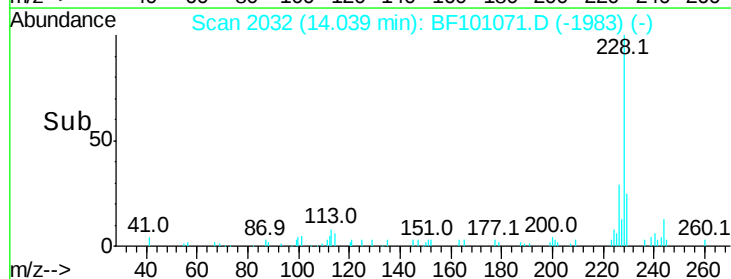
229 31.1 16.2 24.4#

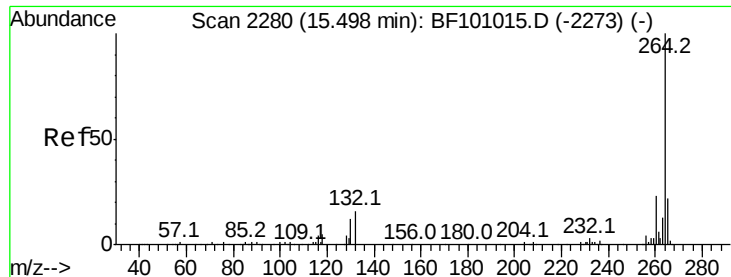


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

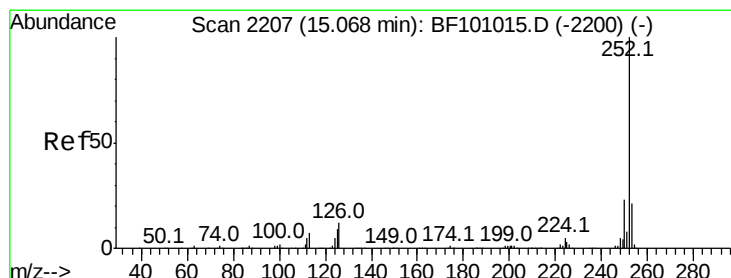
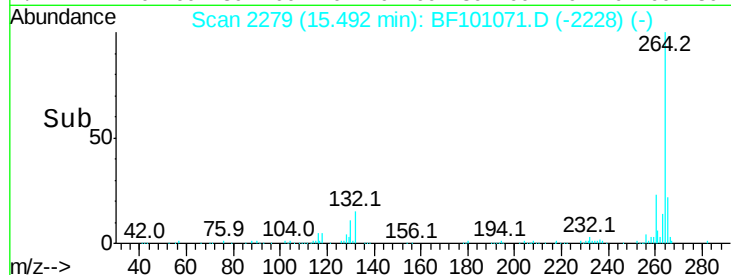
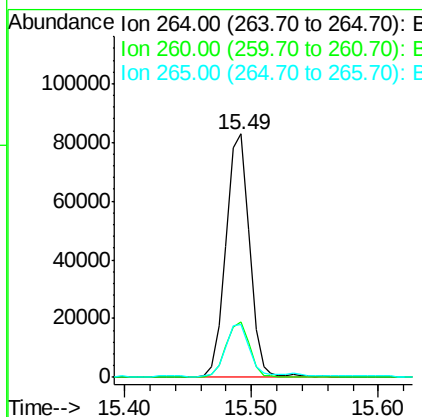
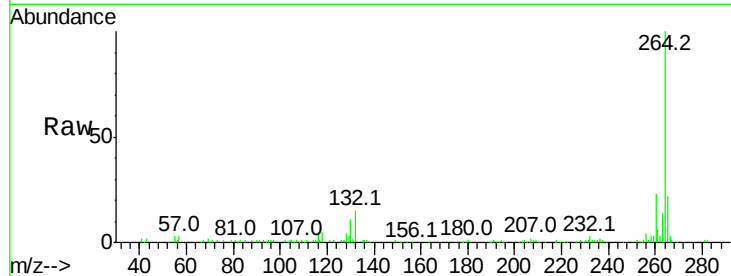




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BF101071.D
Acq: 1 Dec 2017 18:51

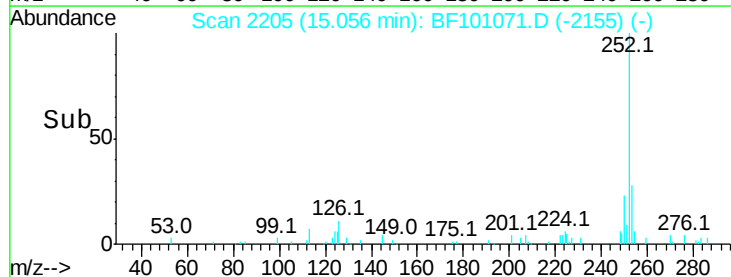
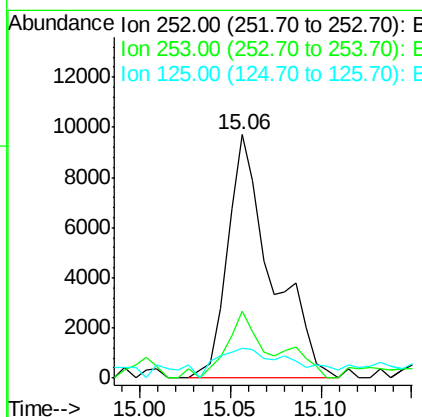
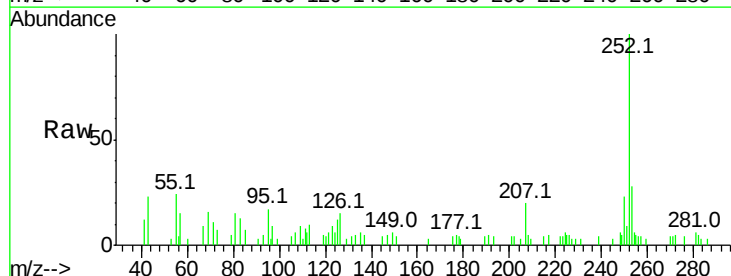
Instrument :
BNA_F
ClientSampleId :
DBEW1A-2-4

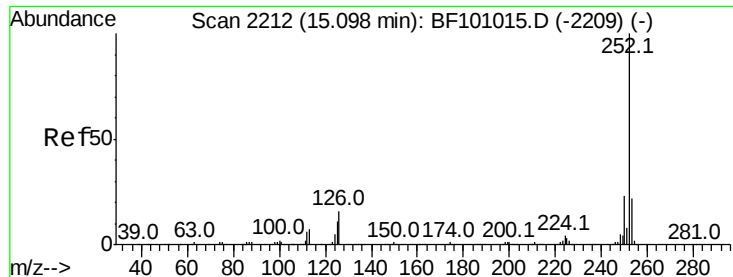
Tot Ion:264 Resp: 106846
Ion Ratio Lower Upper
264 100
260 22.9 19.2 28.8
265 22.0 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 2.546 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BF101071.D
Acq: 1 Dec 2017 18:51

Tgt Ion:252 Resp: 16293
Ion Ratio Lower Upper
252 100
253 27.7 17.0 25.6#
125 12.3 9.0 13.6





#88

Benzo(k)fluoranthene

Concen: 2.584 ng

RT: 15.06 min Scan# 2205

Delta R.T. -0.04 min

Lab File: BF101071.D

Acq: 1 Dec 2017 18:51

Instrument :

BNA_F

ClientSampleId :

DBEW1A-2-4

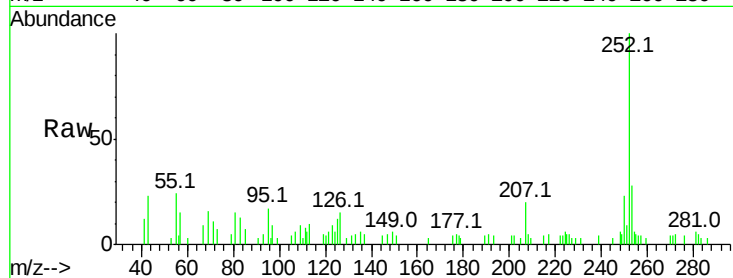
Tot Ion:252 Resp: 16293

Ion Ratio Lower Upper

252 100

253 27.7 17.9 26.9#

125 12.3 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

