

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010218\
 Data File : BF101846.D
 Acq On : 2 Jan 2018 13:02
 Operator : SJ/JU
 Sample : I7100-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 02 13:41:18 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

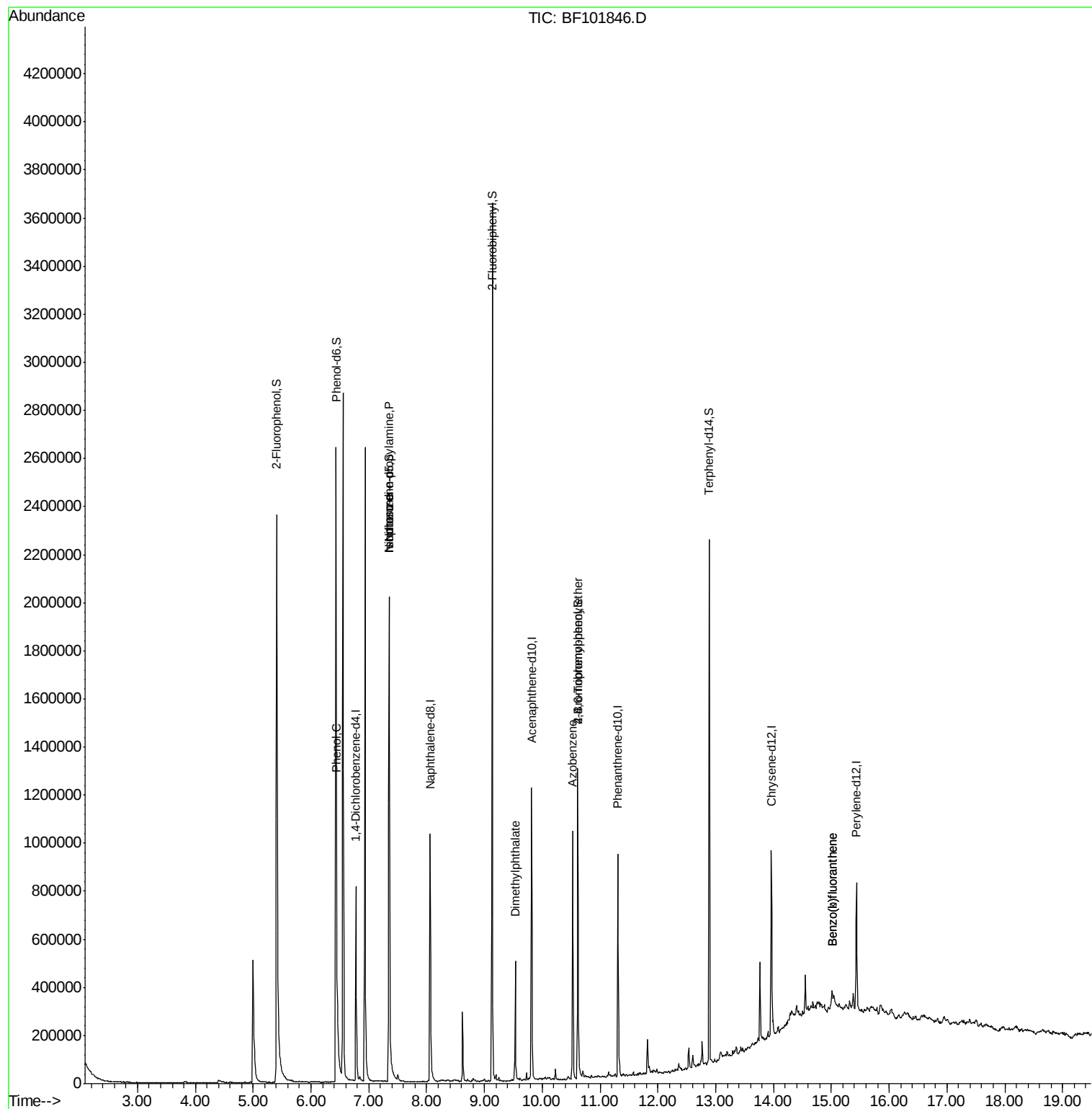
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	144025	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	561488	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	224411	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	344372	20.00	ng	0.00
75) Chrysene-d12	13.96	240	269289	20.00	ng	-0.01
86) Perylene-d12	15.43	264	278163	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	977364	101.08	ng	0.00
7) Phenol-d6	6.43	99	1226831	101.95	ng	0.00
23) Nitrobenzene-d5	7.35	82	765217	75.86	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	173824	80.39	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1194279	82.55	ng	0.00
78) Terphenyl-d14	12.89	244	815747	73.03	ng	0.00
Target Compounds						
10) Phenol	6.45	94	52890	3.856	ng	# 73
19) n-Nitroso-di-n-propylamine	7.35	70	103366	13.080	ng	# 83
25) Isophorone	7.35	82	765217	37.817	ng	# 64
49) Dimethylphthalate	9.53	163	210879	11.683	ng	# 98
62) Azobenzene	10.53	77	170416	9.203	ng	# 1
66) 4-Bromophenyl-phenylether	10.62	248	10974	2.836	ng	# 1
87) Benzo(b)fluoranthene	15.02	252	36834	2.172	ng	# 85
88) Benzo(k)fluoranthene	15.02	252	36834	2.234	ng	# 88

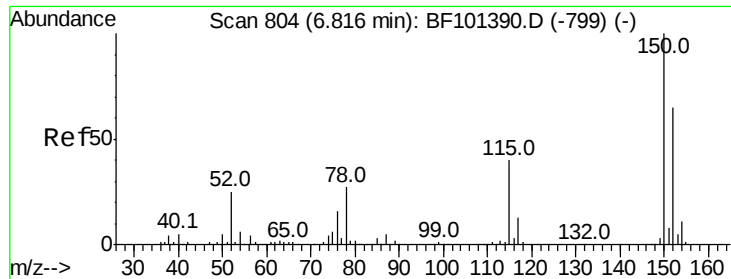
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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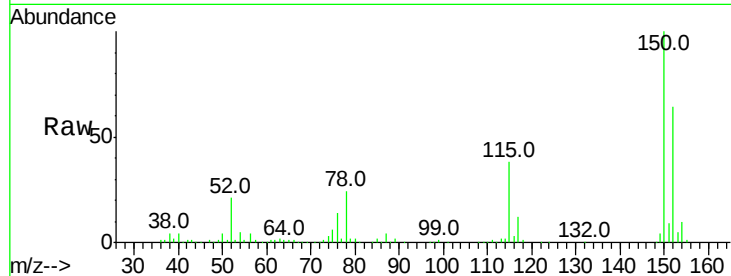


#1

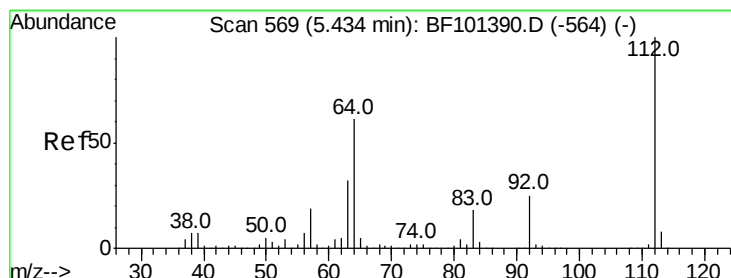
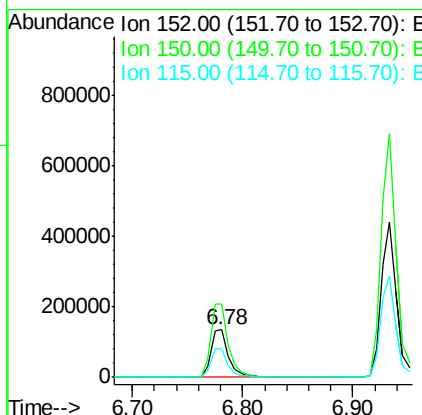
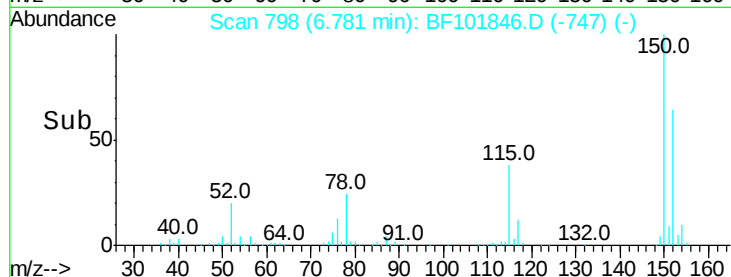
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.78 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF101846.D
 Acq: 2 Jan 2018 13:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 144025
 Ion Ratio Lower Upper
 152 100
 150 155.5 124.6 186.8
 115 59.1 50.1 75.1



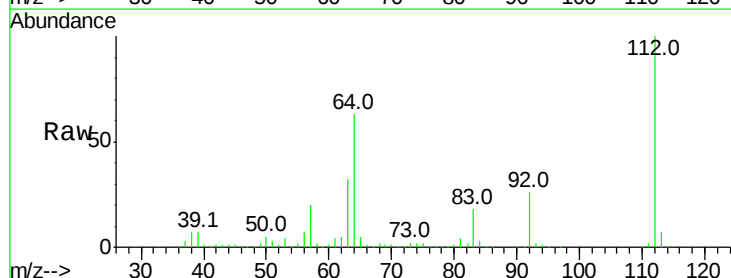
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



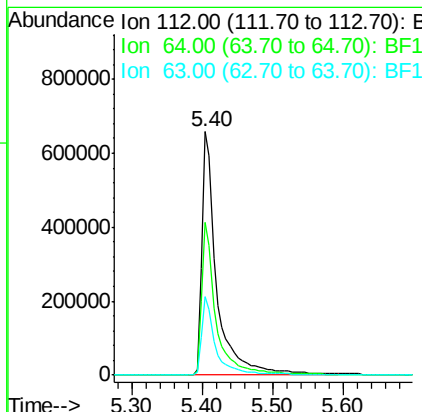
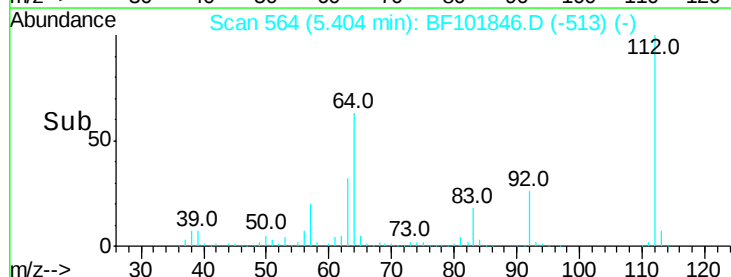
#5

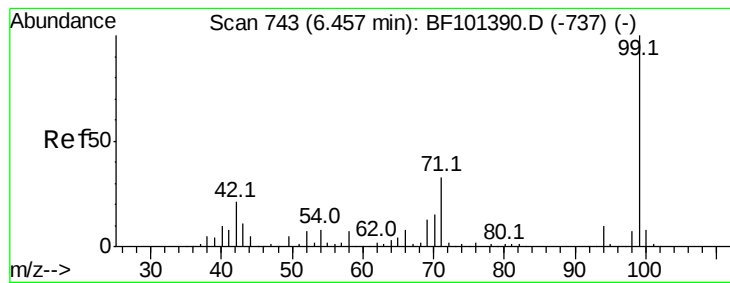
2-Fluorophenol
 Concen: 101.084 ng
 RT: 5.40 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: BF101846.D
 Acq: 2 Jan 2018 13:02

Tgt Ion:112 Resp: 977364
 Ion Ratio Lower Upper
 112 100
 64 62.8 47.9 71.9
 63 32.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 101.953 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF101846.D

Acq: 2 Jan 2018 13:02

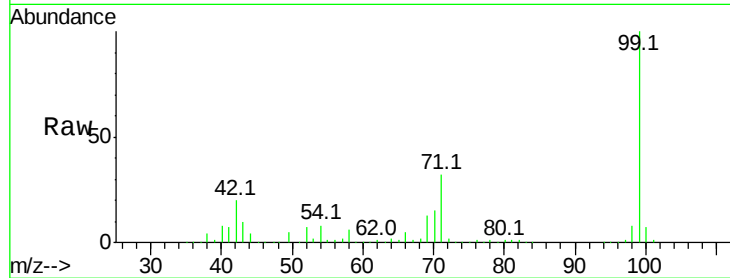
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1226831

Ion	Ratio	Lower	Upper
99	100		
42	19.6	14.5	21.7
71	32.4	25.4	38.0

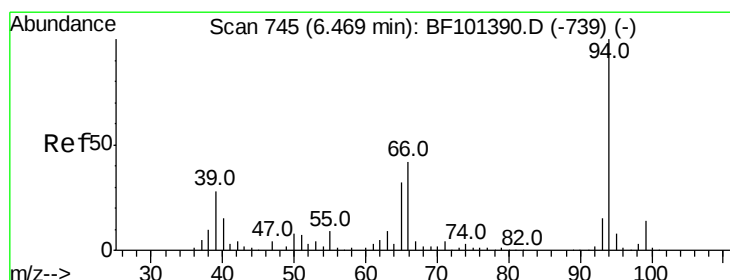
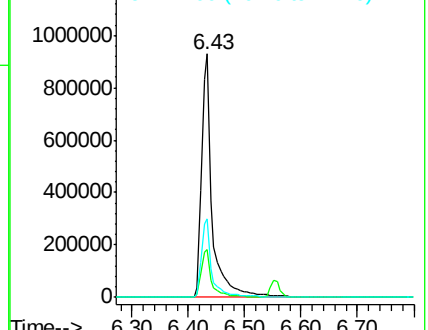
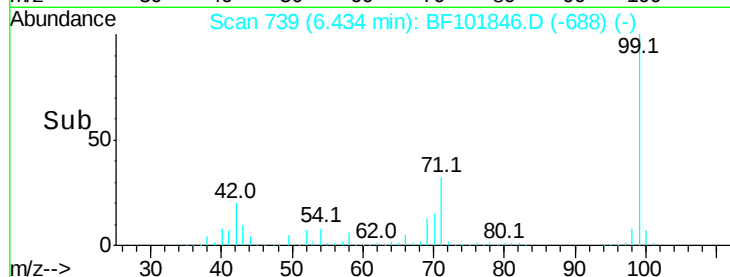


Abundance

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: 3.856 ng

RT: 6.45 min Scan# 741

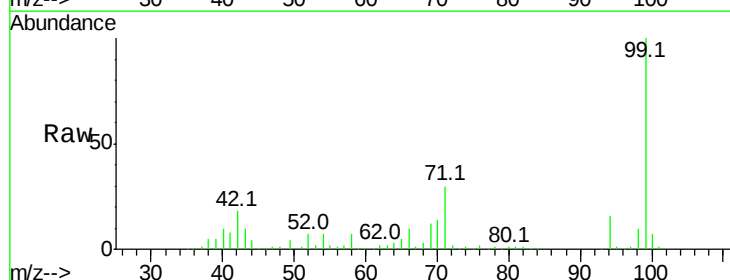
Delta R.T. -0.01 min

Lab File: BF101846.D

Acq: 2 Jan 2018 13:02

Tgt Ion: 94 Resp: 52890

Ion	Ratio	Lower	Upper
94	100		
65	32.1	7.9	47.9
66	61.0	16.2	56.2

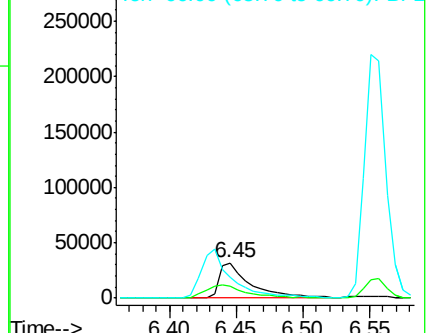
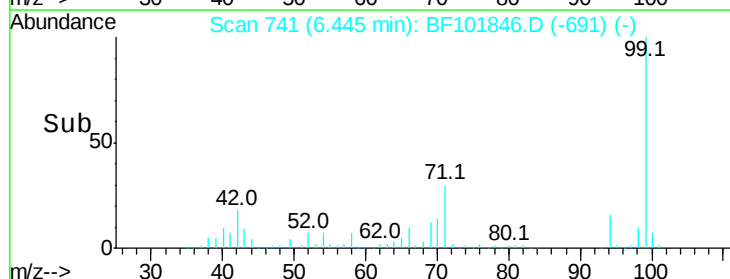


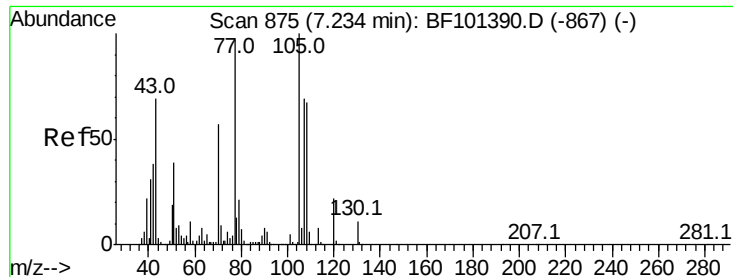
Abundance

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

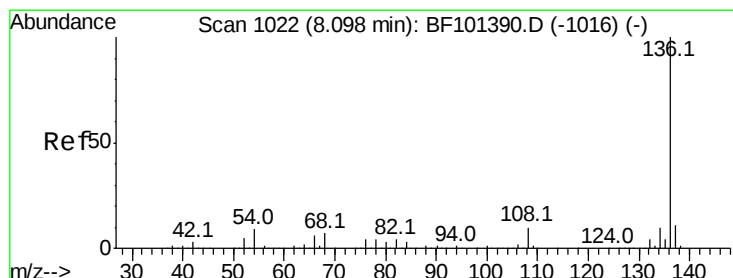
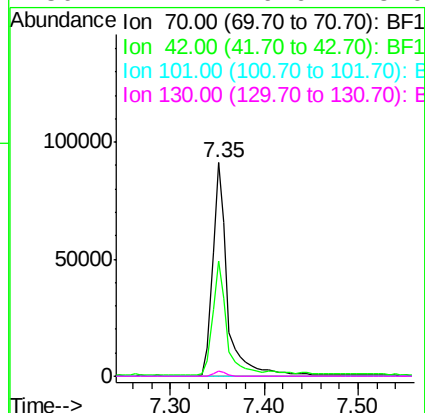
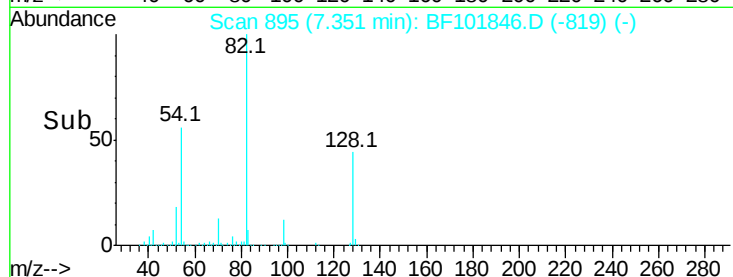
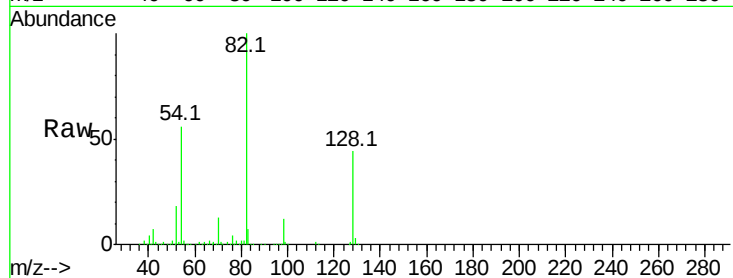




#19
n-Nitroso-di-n-propylamine
Concen: 13.080 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.15 min
Lab File: BF101846.D
Acq: 2 Jan 2018 13:02

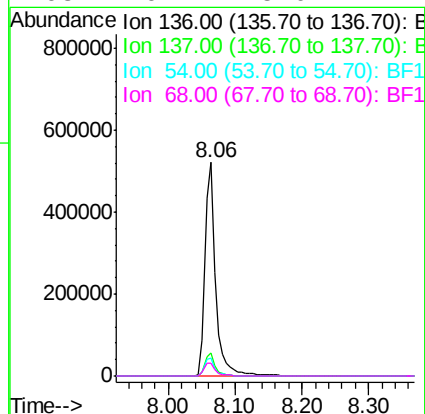
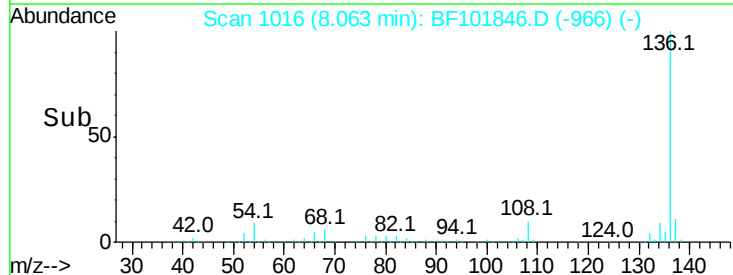
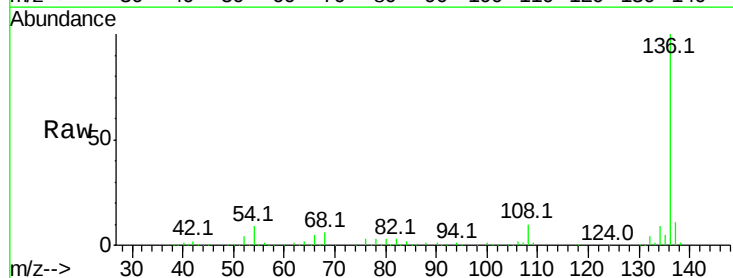
Instrument :
BNA_F
ClientSampleId :

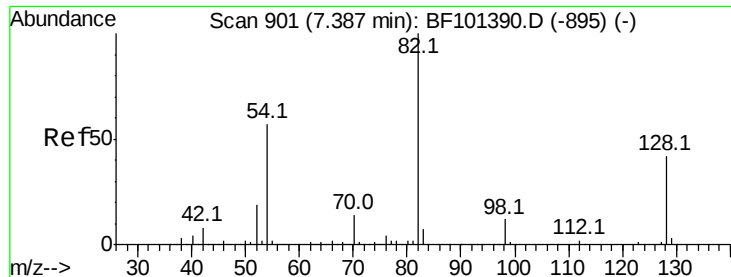
Tot Ion: 70 Resp: 103366
Ion Ratio Lower Upper
70 100
42 54.0 47.5 71.3
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF101846.D
Acq: 2 Jan 2018 13:02

Tgt Ion: 136 Resp: 561488
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 8.6 6.6 9.8
68 6.1 5.0 7.4

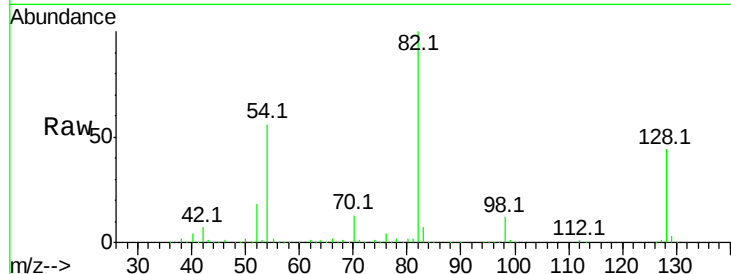




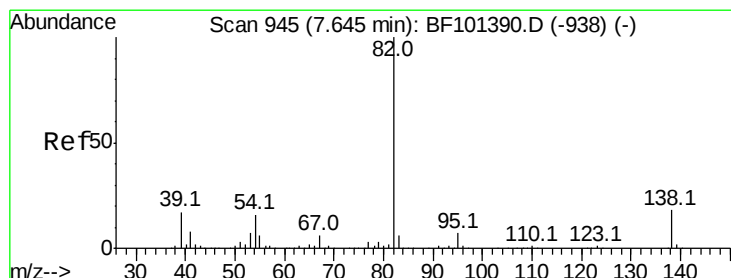
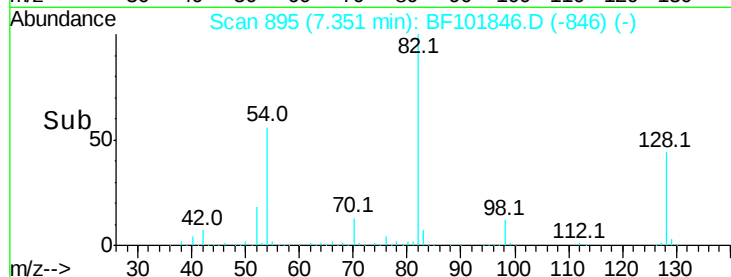
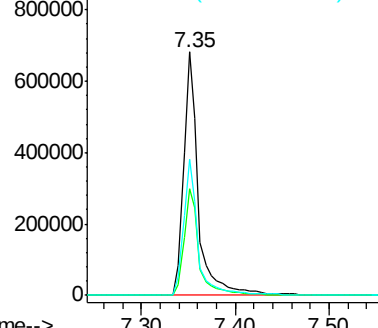
#23
Nitrobenzene-d5
Concen: 75.863 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF101846.D
Acq: 2 Jan 2018 13:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	765217
Ion Ratio	100	Lower	Upper
128	43.8	36.1	54.1
54	55.8	41.4	62.2

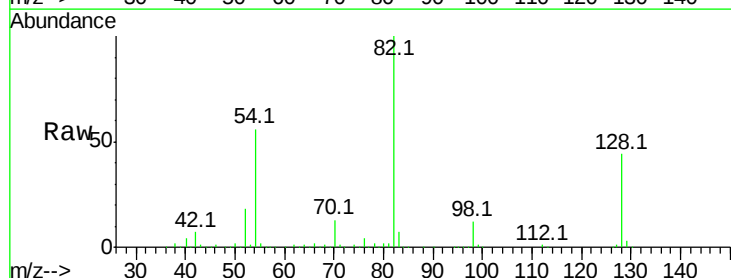


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

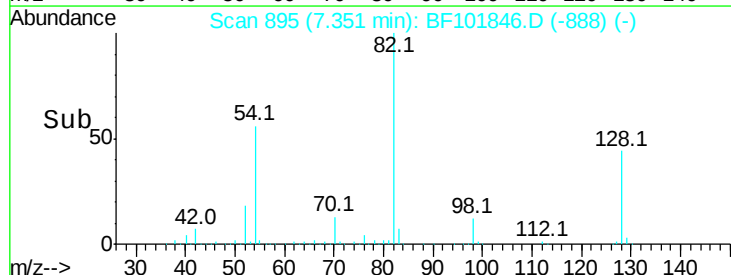
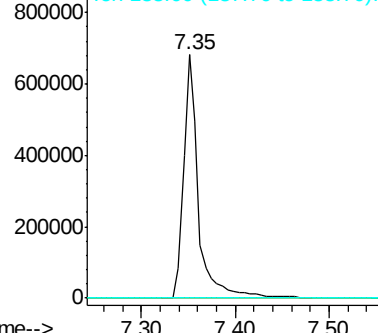


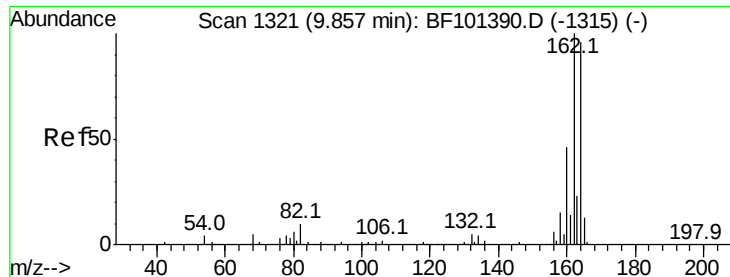
#25
Isophorone
Concen: 37.817 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.26 min
Lab File: BF101846.D
Acq: 2 Jan 2018 13:02

Tgt Ion	82	Resp	765217
Ion Ratio	100	Lower	Upper
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: 9.82 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BF101846.D

Acq: 2 Jan 2018 13:02

Instrument :

BNA_F

ClientSampleId :

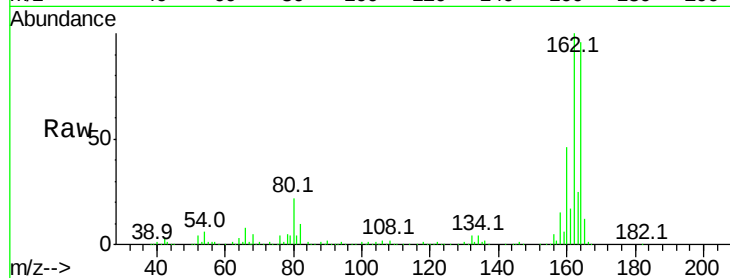
Tot Ion:164 Resp: 224411

Ion Ratio Lower Upper

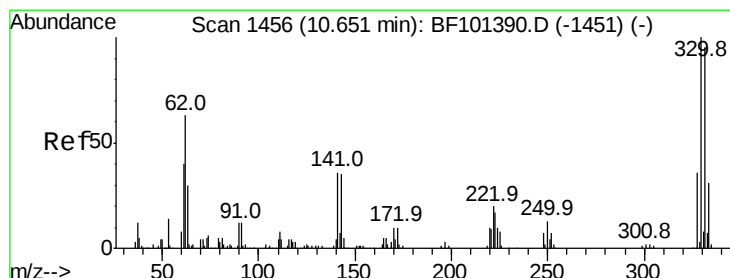
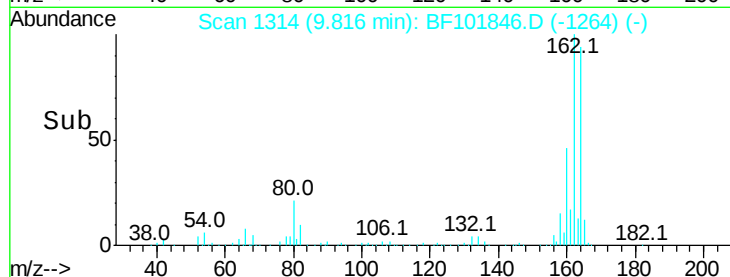
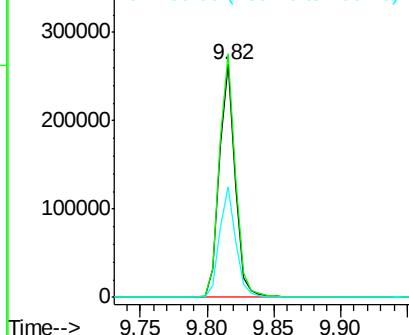
164 100

162 104.5 86.1 129.1

160 47.5 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: 80.386 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF101846.D

Acq: 2 Jan 2018 13:02

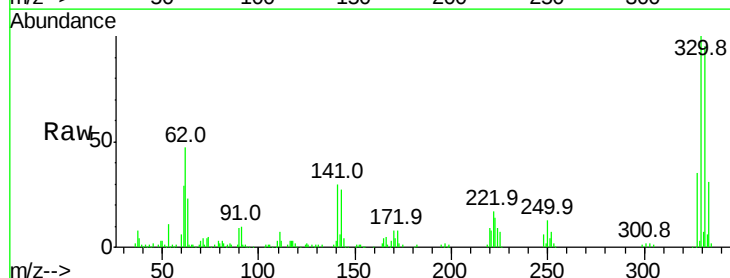
Tgt Ion:330 Resp: 173824

Ion Ratio Lower Upper

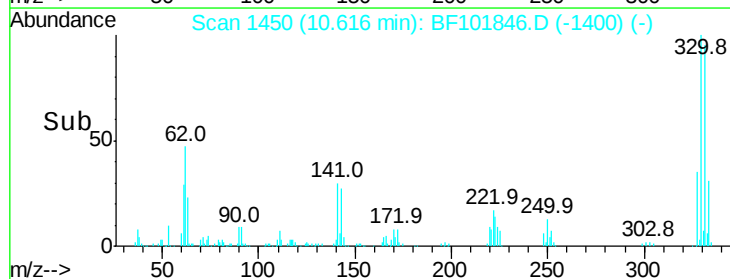
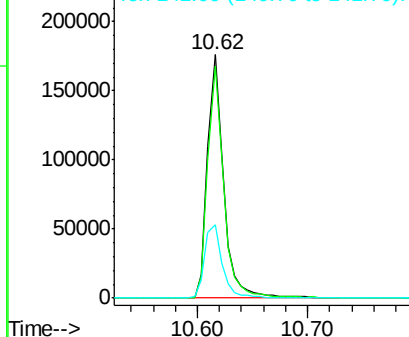
330 100

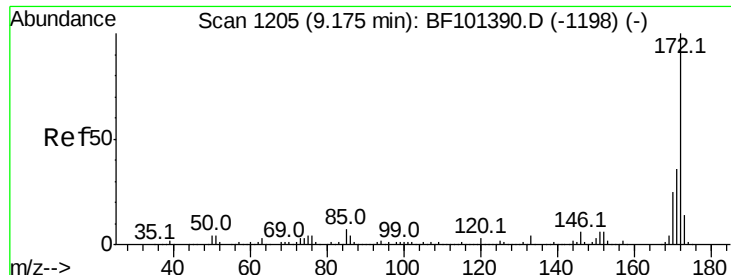
332 95.6 77.0 115.6

141 33.3 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

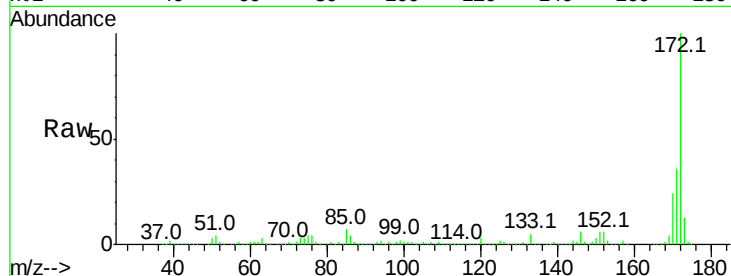




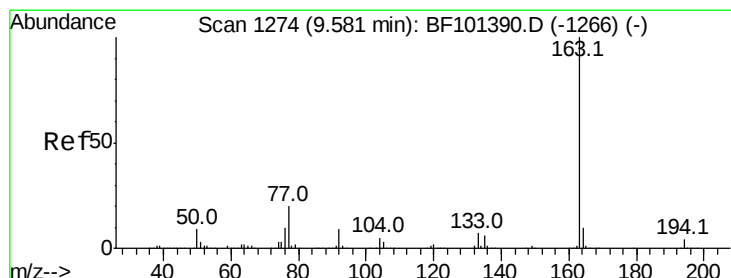
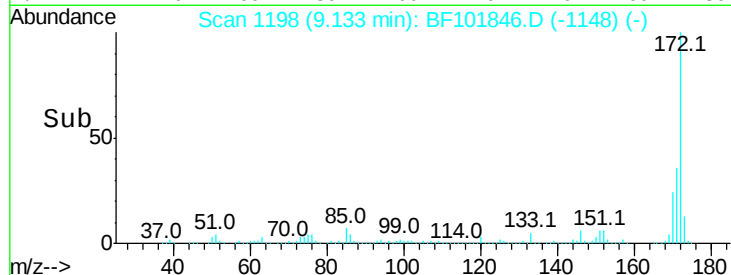
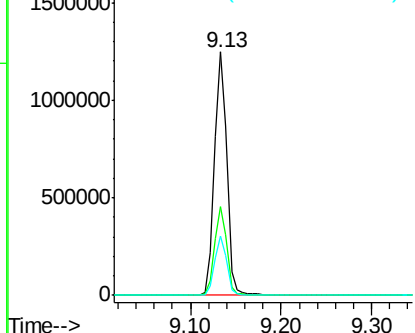
#44
2-Fluorobiphenyl
Concen: 82.555 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BF101846.D
Acq: 2 Jan 2018 13:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1194279
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 24.3 19.6 29.4

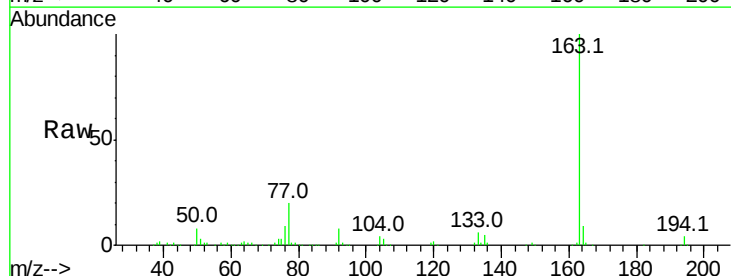


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

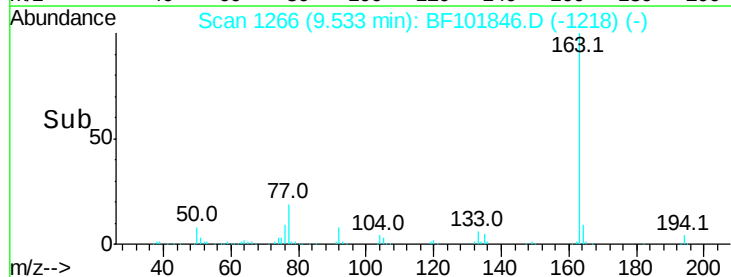
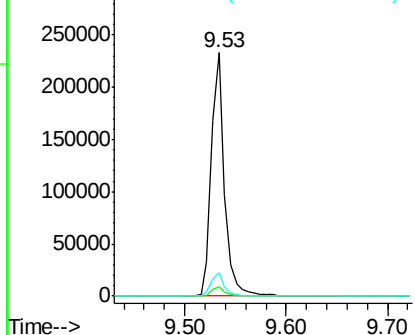


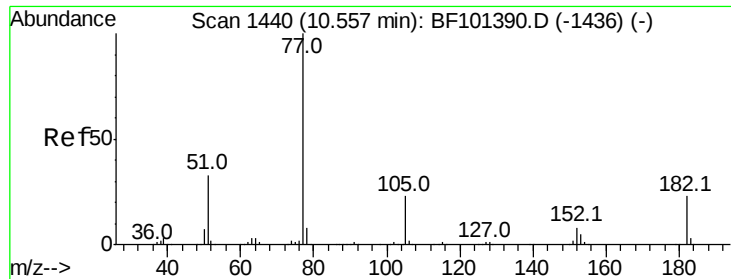
#49
Dimethylphthalate
Concen: 11.683 ng
RT: 9.53 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BF101846.D
Acq: 2 Jan 2018 13:02

Tgt Ion:163 Resp: 210879
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.4 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





#62

Azobenzene

Concen: 9.203 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.01 min

Lab File: BF101846.D

Acq: 2 Jan 2018 13:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 170416

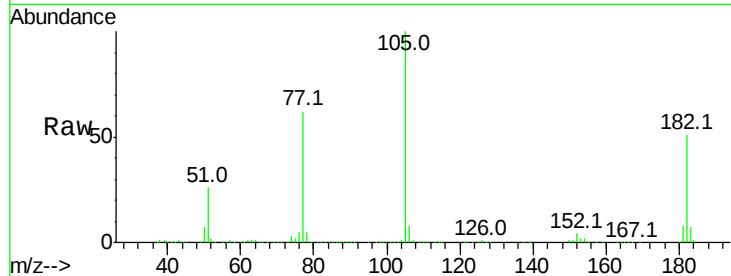
Ion Ratio Lower Upper

77 100

182 80.9 1.7 41.7#

105 160.1 3.0 43.0#

51 41.7 9.9 49.9

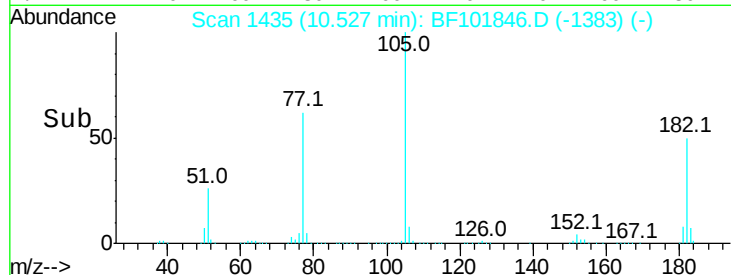


Abundance Ion 77.00 (76.70 to 77.70): BF1

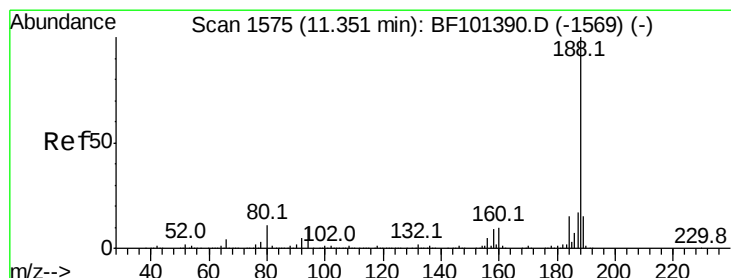
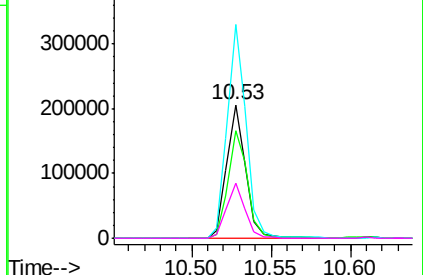
Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



Time-->



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF101846.D

Acq: 2 Jan 2018 13:02

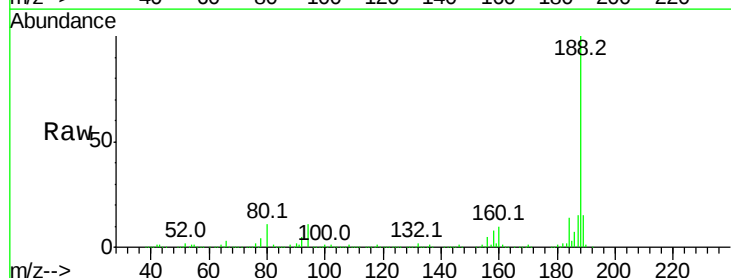
Tgt Ion: 188 Resp: 344372

Ion Ratio Lower Upper

188 100

94 10.6 8.5 12.7

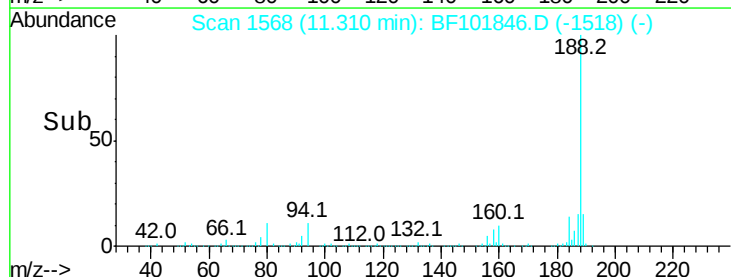
80 10.7 9.2 13.8



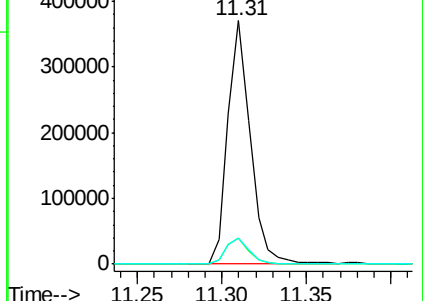
Abundance Ion 188.00 (187.70 to 188.70): BF1

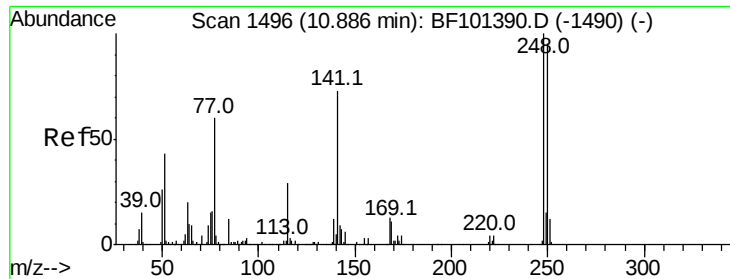
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->

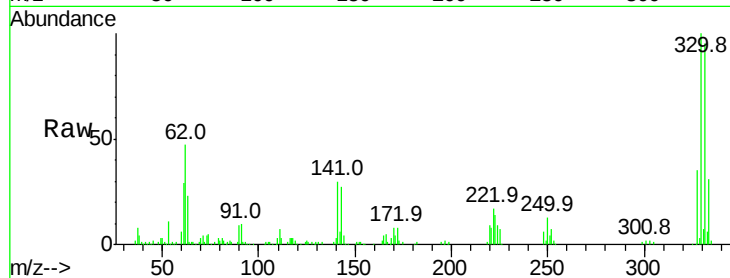




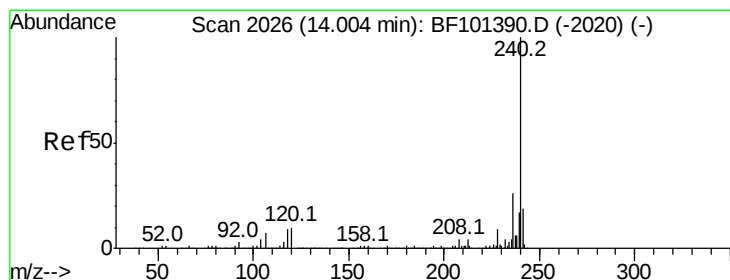
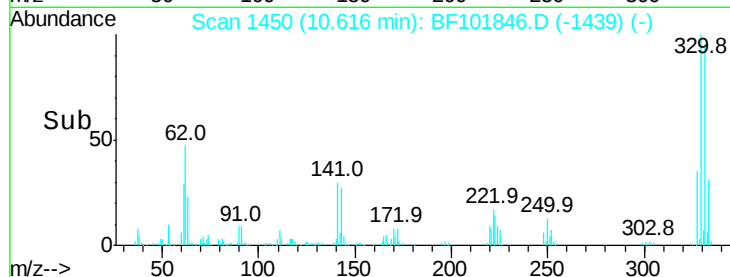
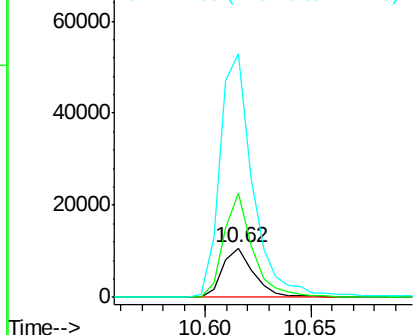
#66
4-Bromophenyl-phenylether
Concen: 2.836 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.24 min
Lab File: BF101846.D
Acq: 2 Jan 2018 13:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 10974
Ion Ratio Lower Upper
248 100
250 211.4 76.9 115.3#
141 493.2 74.4 111.6#

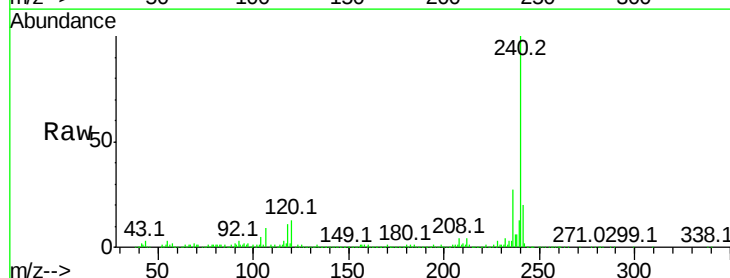


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

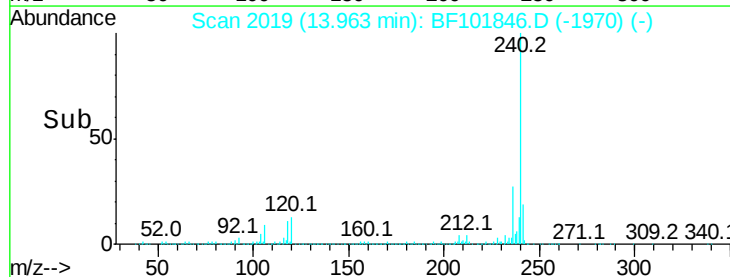
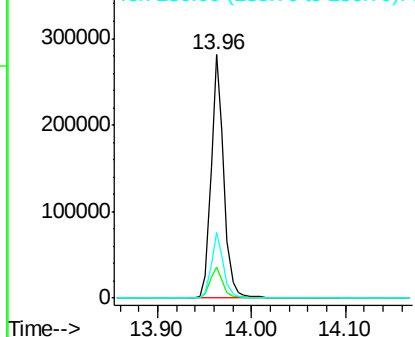


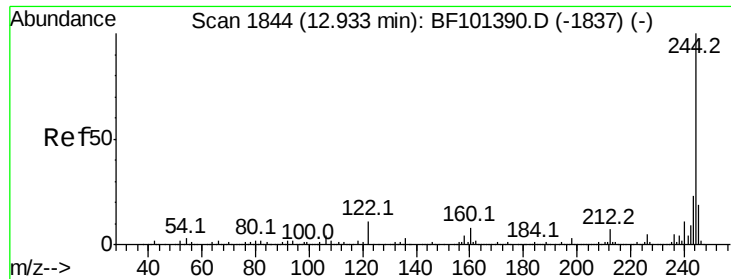
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF101846.D
Acq: 2 Jan 2018 13:02

Tgt Ion:240 Resp: 269289
Ion Ratio Lower Upper
240 100
120 12.9 9.5 14.3
236 26.8 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





#78

Terphenyl-d14

Concen: 73.029 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF101846.D

Acq: 2 Jan 2018 13:02

Instrument :

BNA_F

ClientSampleId :

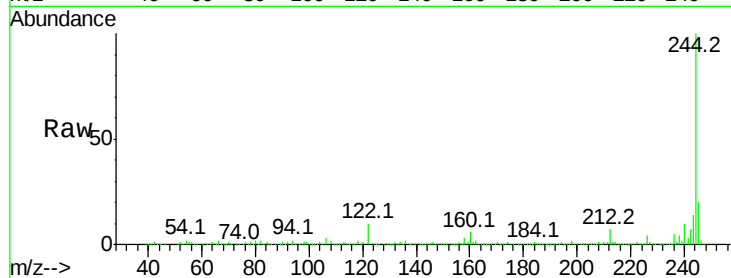
Tot Ion:244 Resp: 815747

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

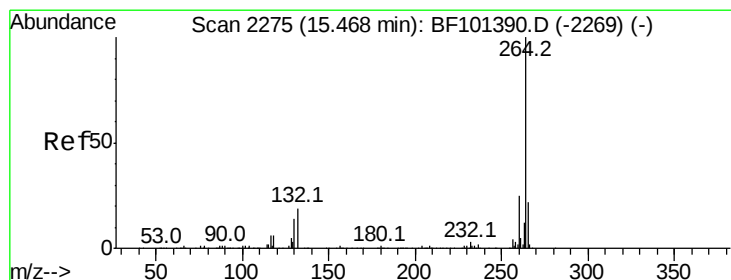
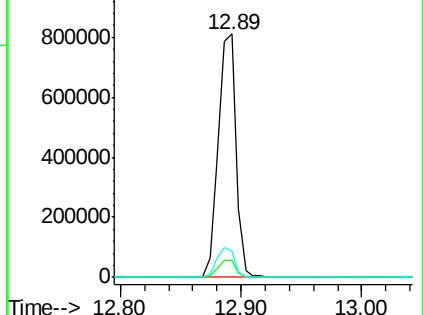
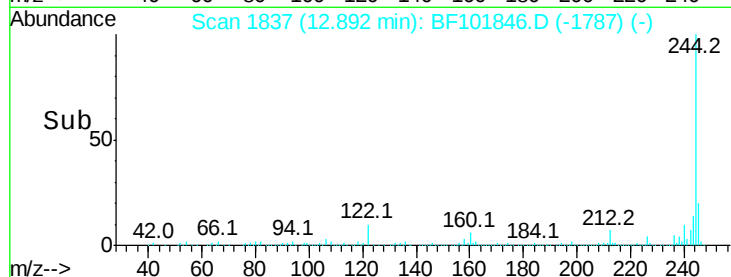
122 10.5 11.0 16.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2269

Delta R.T. -0.01 min

Lab File: BF101846.D

Acq: 2 Jan 2018 13:02

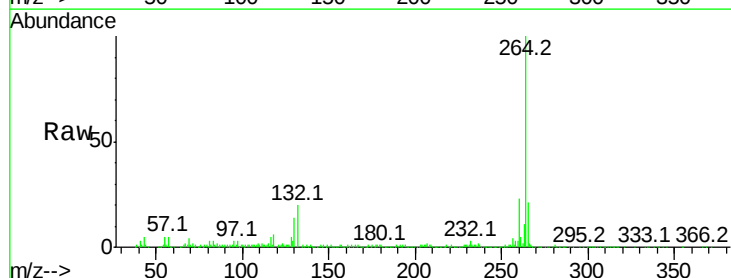
Tgt Ion:264 Resp: 278163

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

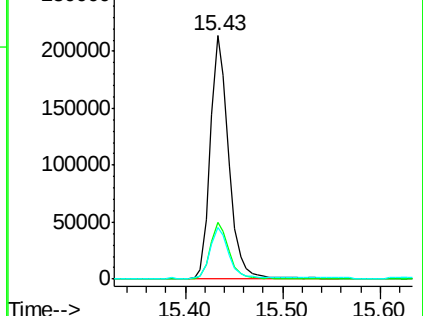
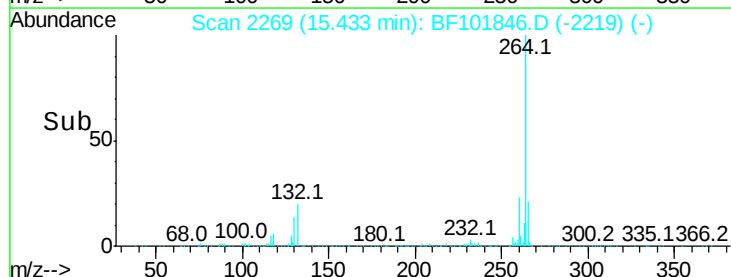
265 21.4 17.5 26.3

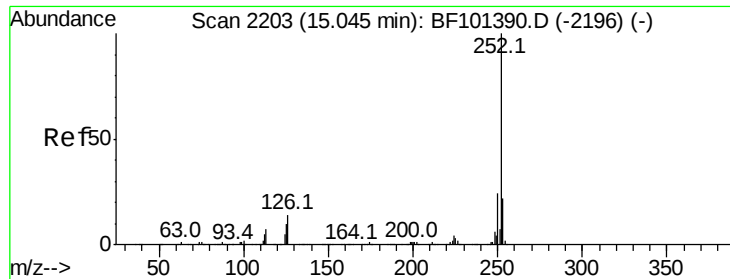


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 2.172 ng

RT: 15.02 min Scan# 2198

Delta R.T. 0.00 min

Lab File: BF101846.D

Acq: 2 Jan 2018 13:02

Instrument :

BNA_F

ClientSampleId :

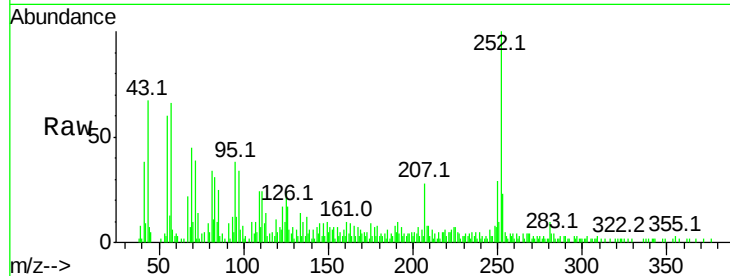
Tot Ion:252 Resp: 36834

Ion Ratio Lower Upper

252 100

253 23.2 17.0 25.6

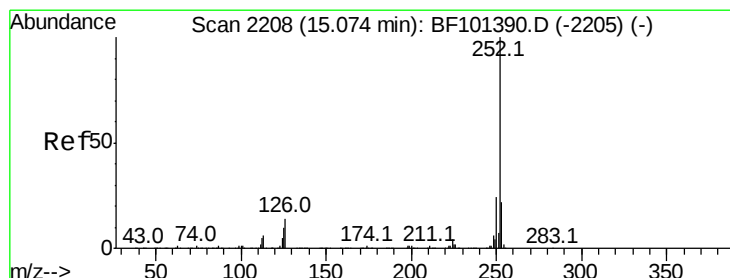
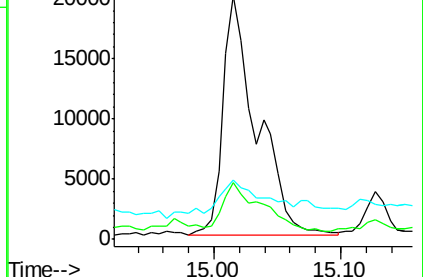
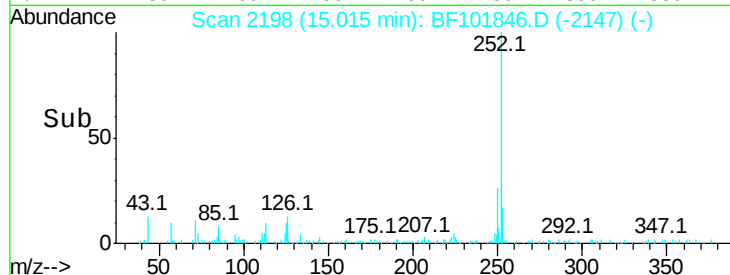
125 24.4 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 2.234 ng

RT: 15.02 min Scan# 2198

Delta R.T. -0.02 min

Lab File: BF101846.D

Acq: 2 Jan 2018 13:02

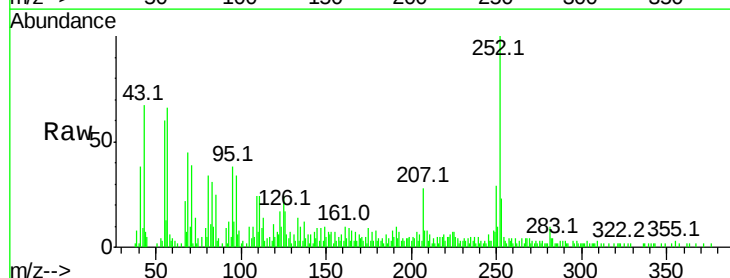
Tgt Ion:252 Resp: 36834

Ion Ratio Lower Upper

252 100

253 23.2 17.9 26.9

125 24.4 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

