

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF120517\
 Data File : BF101146.D
 Acq On : 6 Dec 2017 1:59
 Operator : SJ/JU
 Sample : I6702-05
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 06 03:20:37 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

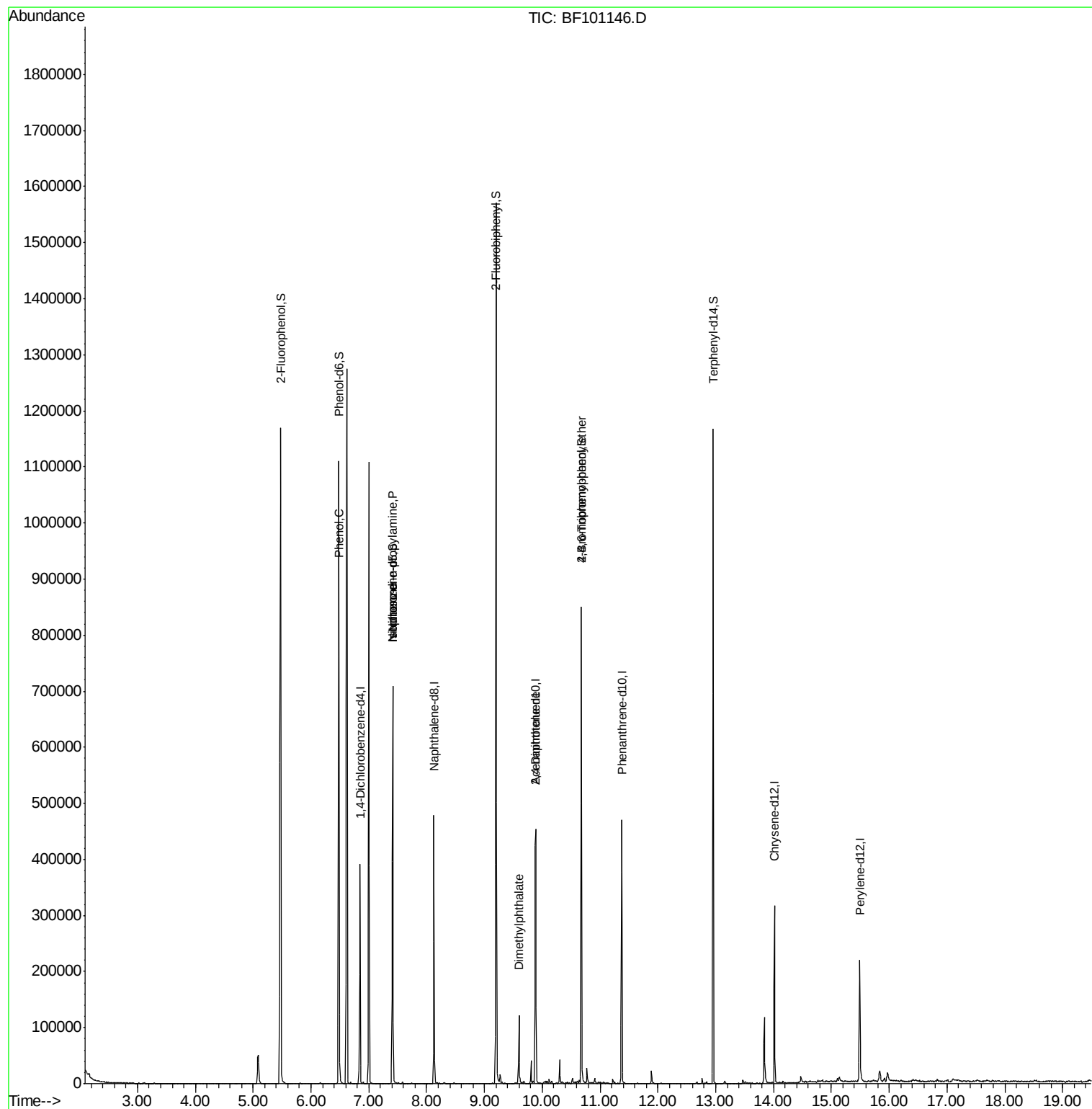
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	53352	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	209014	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	95002	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	172608	20.00	ng	0.00
75) Chrysene-d12	14.02	240	109043	20.00	ng	0.00
86) Perylene-d12	15.49	264	113371	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	343155	106.28	ng	0.01
7) Phenol-d6	6.48	99	415323	105.95	ng	0.00
23) Nitrobenzene-d5	7.42	82	254307	72.58	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	109092	95.59	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	488416	70.34	ng	0.00
78) Terphenyl-d14	12.96	244	378644	75.95	ng	0.00
Target Compounds						
10) Phenol	6.49	94	12875	2.954	ng	94
19) n-Nitroso-di-n-propylamine	7.42	70	33584	12.722	ng	# 82
25) Isophorone	7.42	82	254302	42.490	ng	# 64
49) Dimethylphthalate	9.60	163	56557	7.382	ng	99
56) 2,4-Dinitrotoluene	9.88	165	11840	5.475	ng	# 21
66) 4-Bromophenyl-phenylether	10.67	248	6490	3.359	ng	# 1

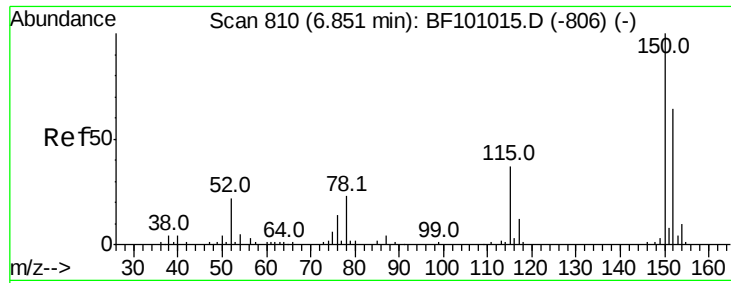
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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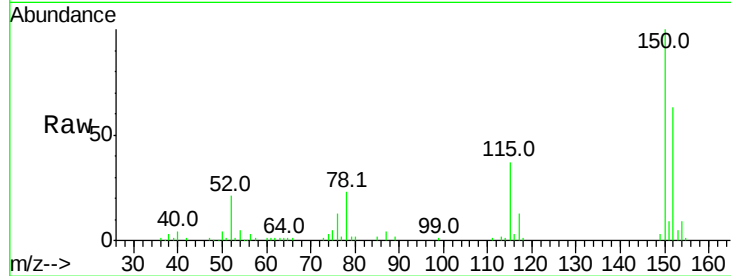


#1

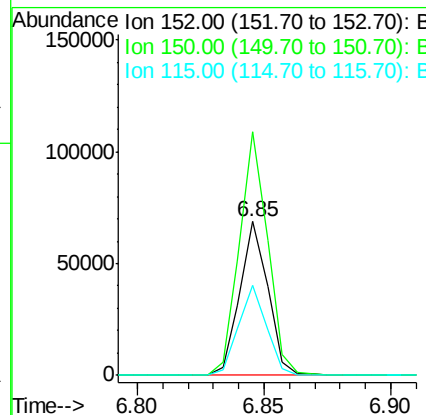
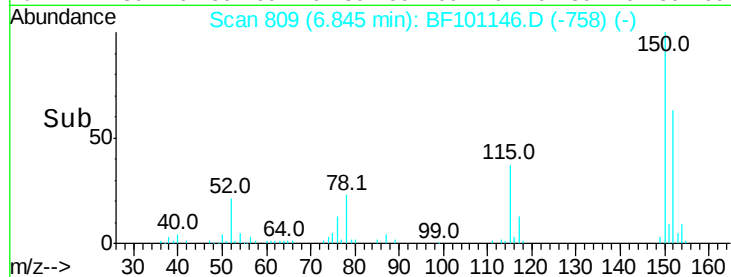
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101146.D
Acq: 6 Dec 2017 1:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.6	186.8
115	58.9	50.1	75.1



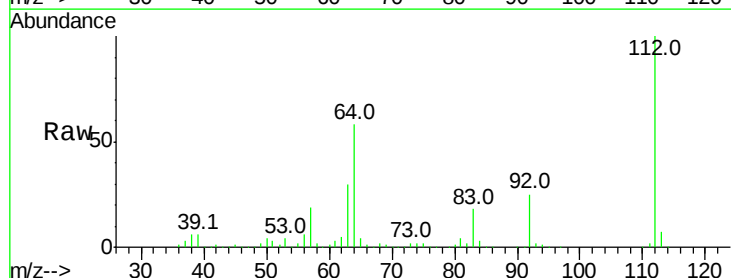
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



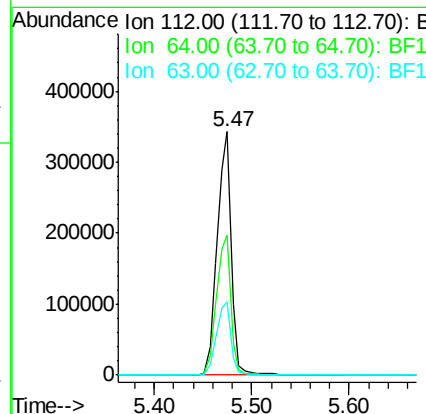
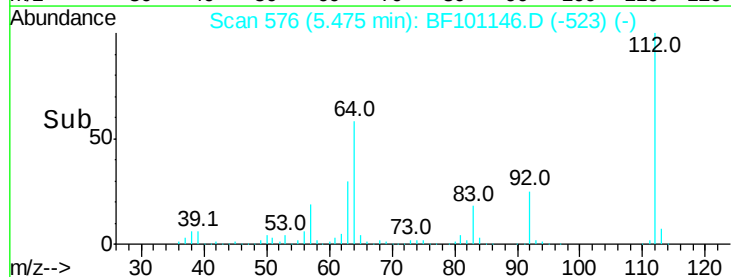
#5

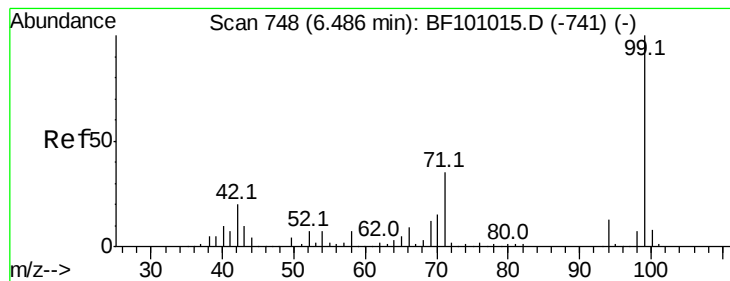
2-Fluorophenol
Concen: 106.284 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF101146.D
Acq: 6 Dec 2017 1:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.6	47.9	71.9
63	30.4	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: 105.952 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF101146.D

Acq: 6 Dec 2017 1:59

Instrument :

BNA_F

ClientSampleId :

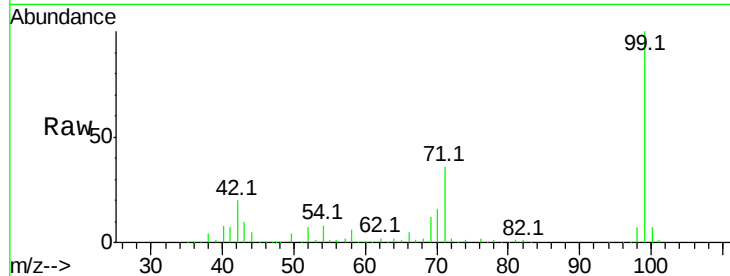
Tot Ion: 99 Resp: 415323

Ion Ratio Lower Upper

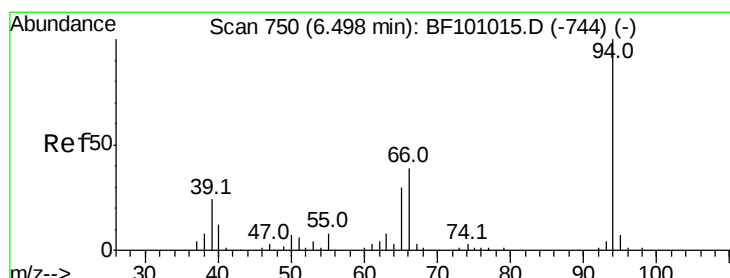
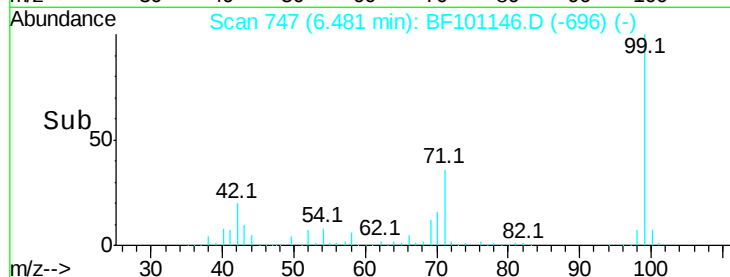
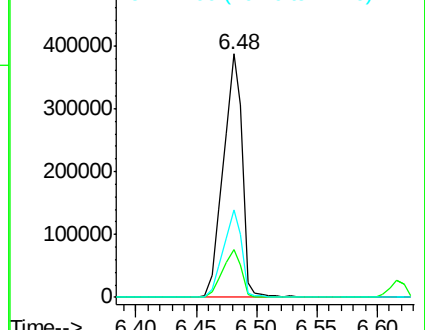
99 100

42 19.8 14.5 21.7

71 35.9 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: 2.954 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF101146.D

Acq: 6 Dec 2017 1:59

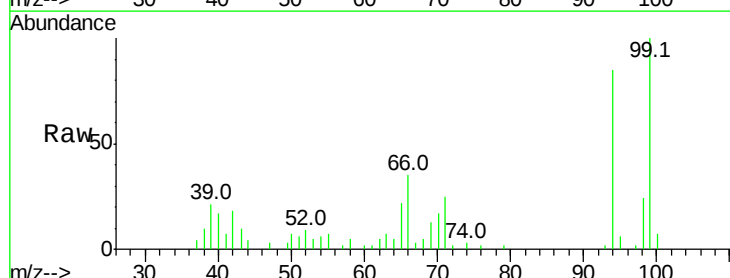
Tgt Ion: 94 Resp: 12875

Ion Ratio Lower Upper

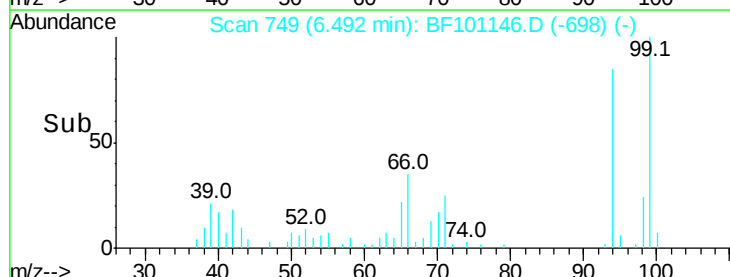
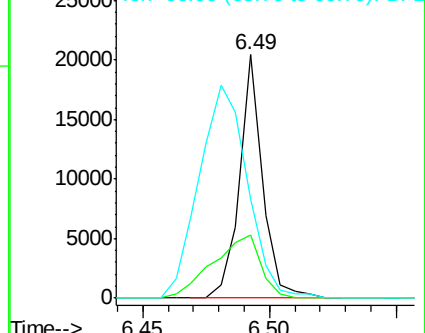
94 100

65 26.0 7.9 47.9

66 40.9 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: 12.722 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.15 min

Lab File: BF101146.D

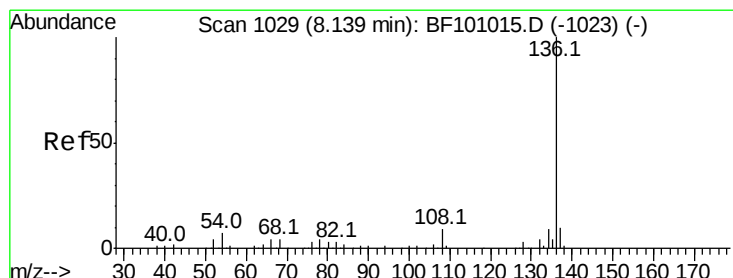
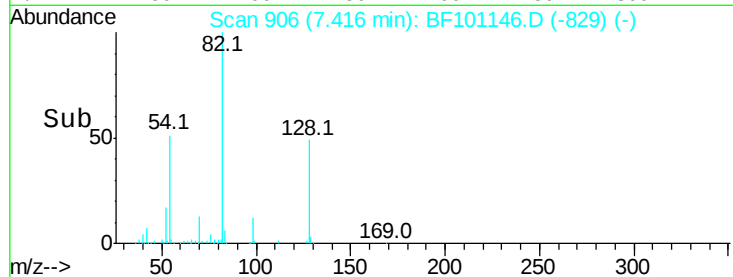
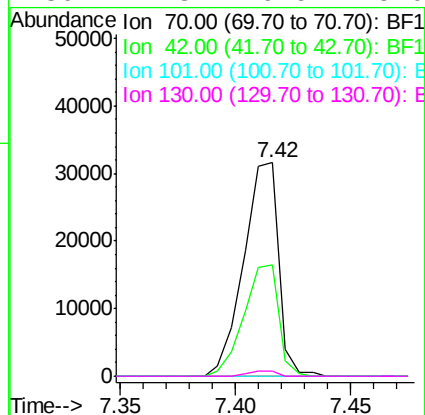
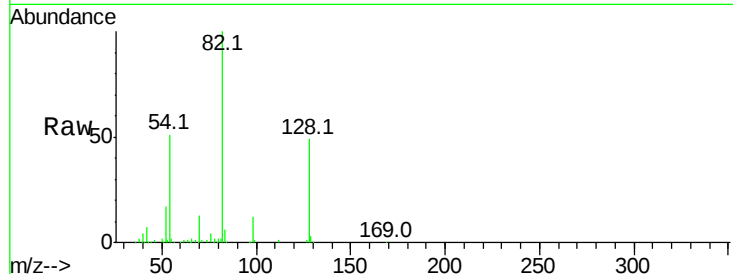
Acq: 6 Dec 2017 1:59

Instrument :

BNA_F

ClientSampled :

Tot Ion:	70	Resp:	33584
Ion	Ratio	Lower	Upper
70	100		
42	52.2	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

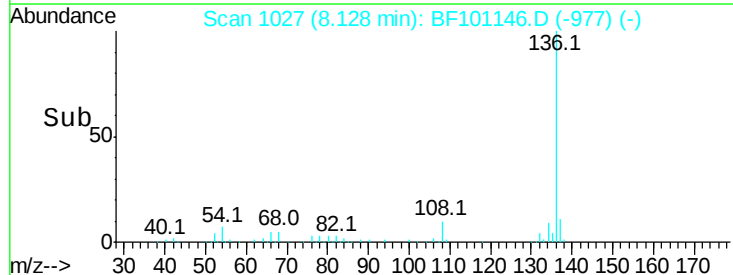
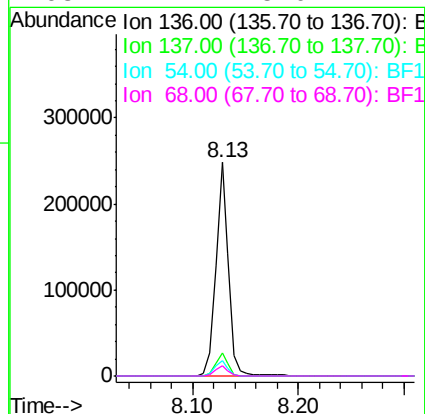
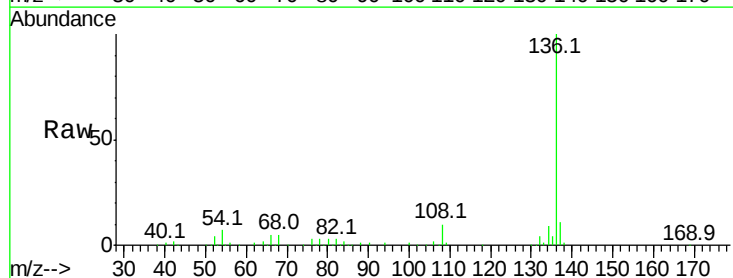
RT: 8.13 min Scan# 1027

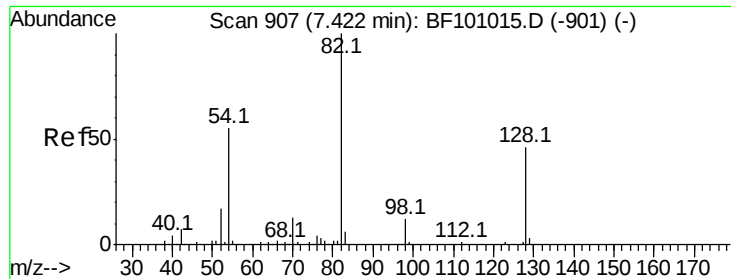
Delta R.T. -0.01 min

Lab File: BF101146.D

Acq: 6 Dec 2017 1:59

Tgt Ion:	136	Resp:	209014
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.4	6.6	9.8
68	4.7	5.0	7.4#

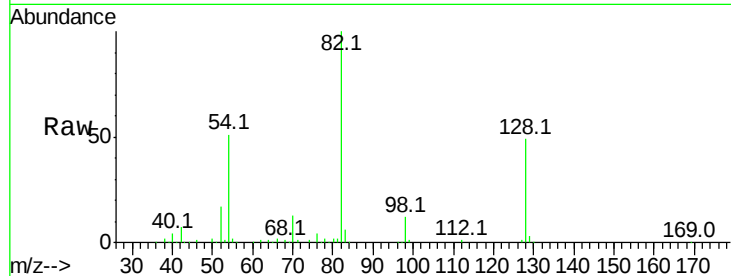




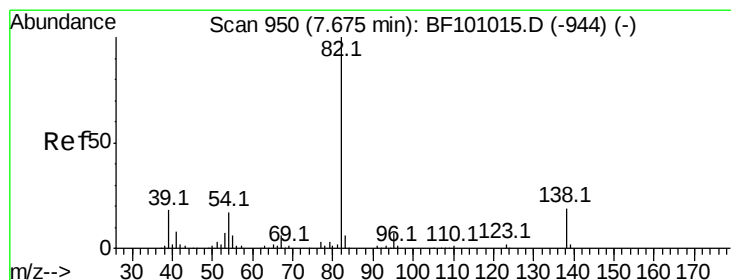
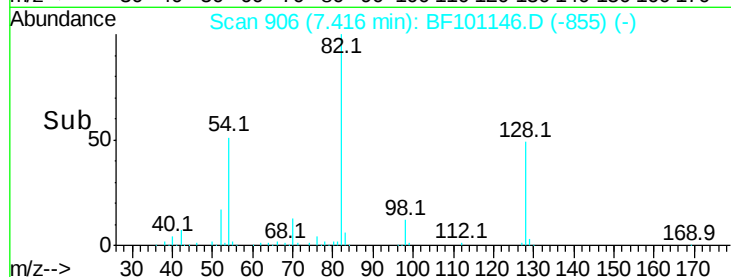
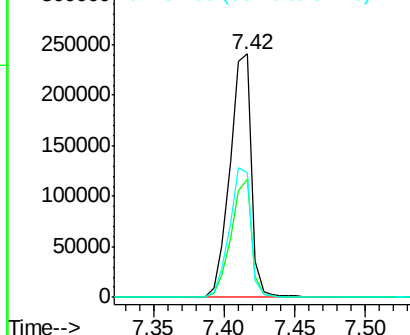
#23
Nitrobenzene-d5
Concen: 72.580 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF101146.D
Acq: 6 Dec 2017 1:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 254307
Ion Ratio Lower Upper
82 100
128 48.7 36.1 54.1
54 51.2 41.4 62.2

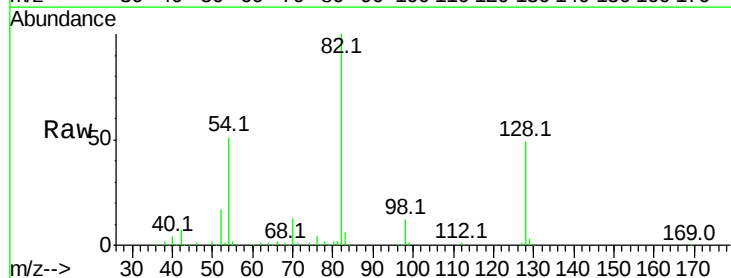


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

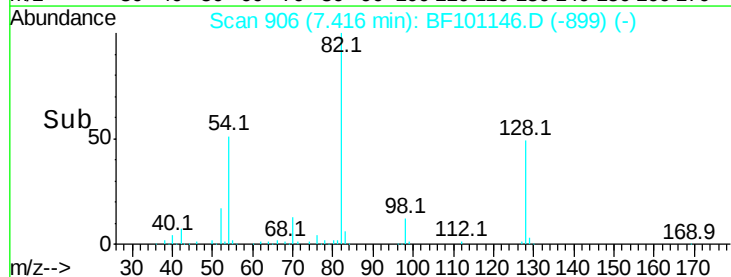
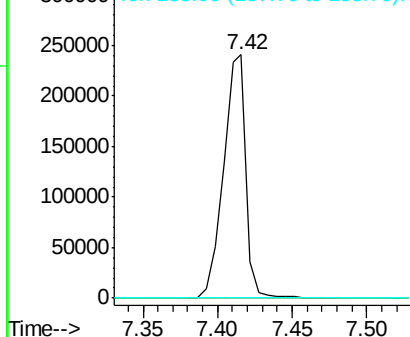


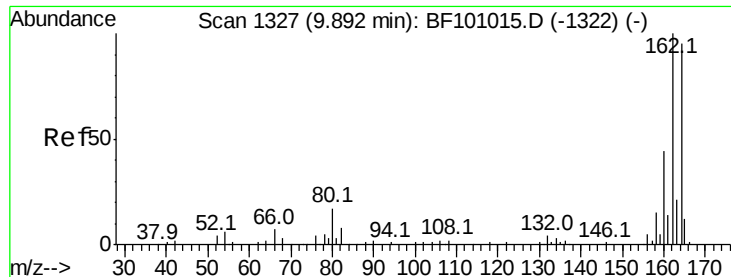
#25
Isophorone
Concen: 42.490 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF101146.D
Acq: 6 Dec 2017 1:59

Tgt Ion: 82 Resp: 254302
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

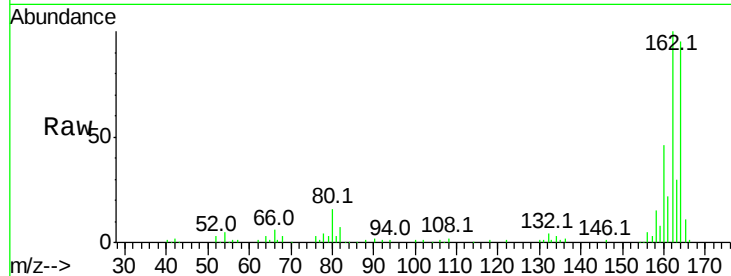




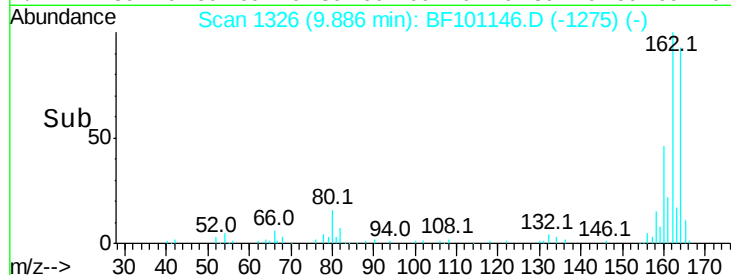
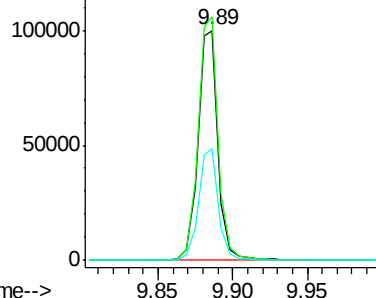
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF101146.D
 Acq: 6 Dec 2017 1:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 95002
 Ion Ratio Lower Upper
 164 100
 162 105.8 86.1 129.1
 160 48.7 38.3 57.5

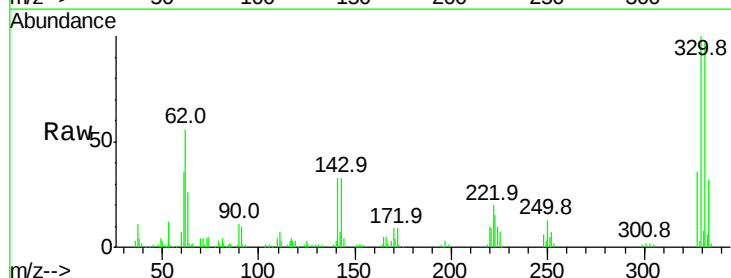


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

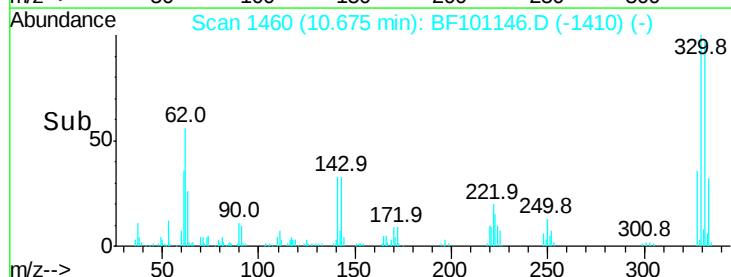
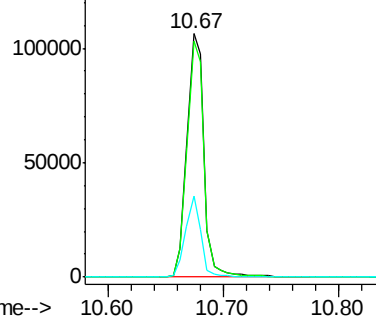


#41
 2,4,6-Tribromophenol
 Concen: 95.590 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF101146.D
 Acq: 6 Dec 2017 1:59

Tgt Ion:330 Resp: 109092
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 29.8 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

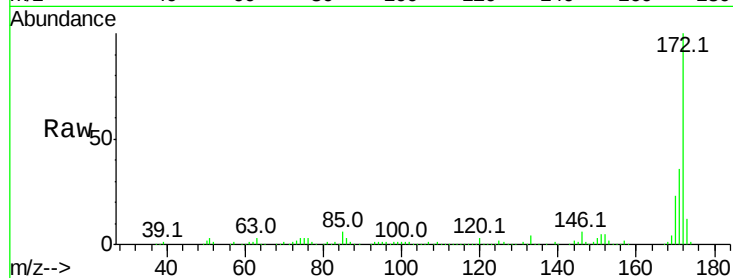




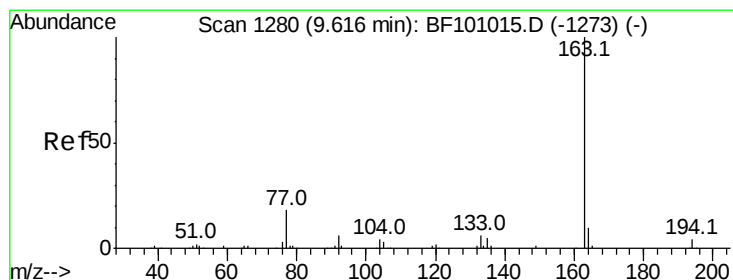
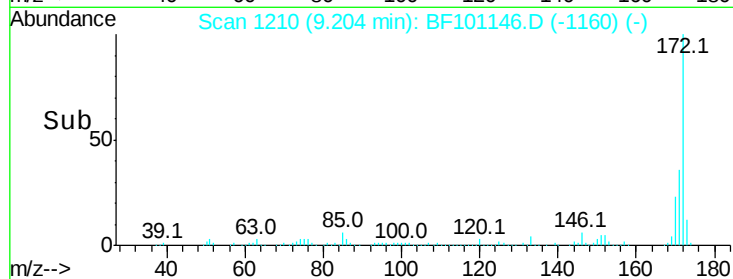
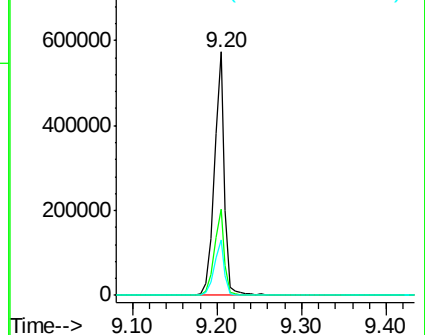
#44
2-Fluorobiphenyl
Concen: 70.341 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101146.D
Acq: 6 Dec 2017 1:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 488416
Ion Ratio Lower Upper
172 100
171 35.6 29.7 44.5
170 23.0 19.6 29.4

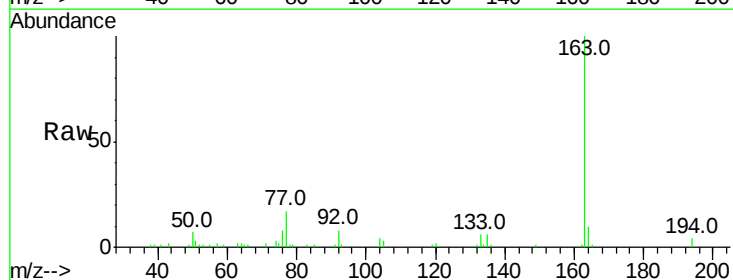


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

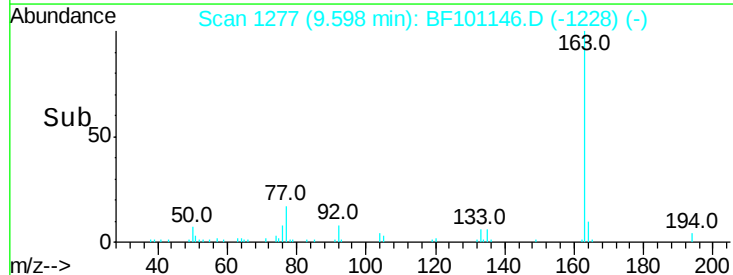
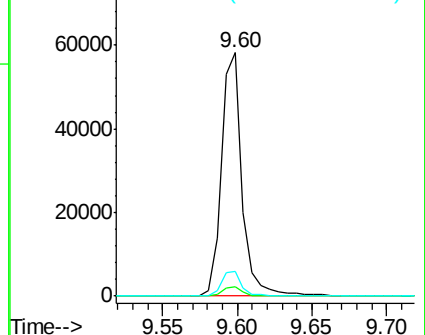


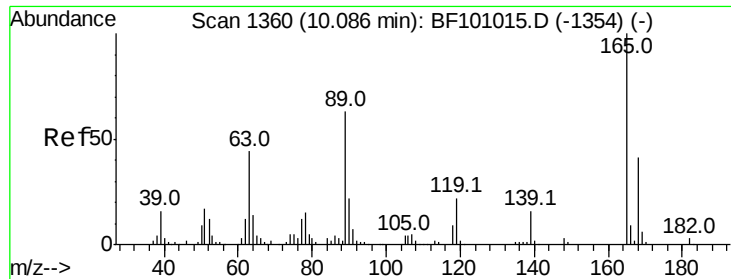
#49
Dimethylphthalate
Concen: 7.382 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF101146.D
Acq: 6 Dec 2017 1:59

Tgt Ion:163 Resp: 56557
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.0 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

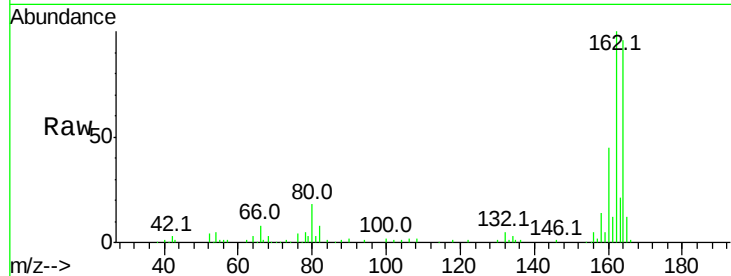




#56
 2,4-Dinitrotoluene
 Concen: 5.475 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.20 min
 Lab File: BF101146.D
 Acq: 6 Dec 2017 1:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	11840
Ion Ratio	Lower	Upper
165	100	
63	0.0	36.4 54.6#
89	0.0	57.8 86.6#
182	0.0	1.6 2.4#

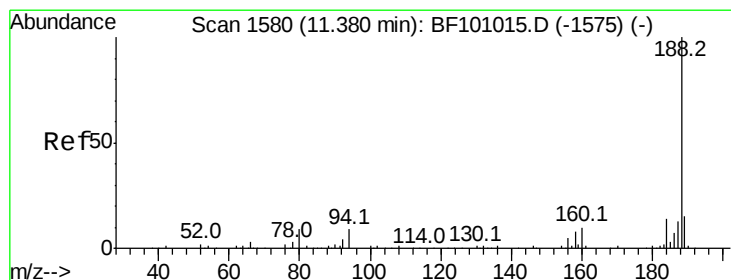
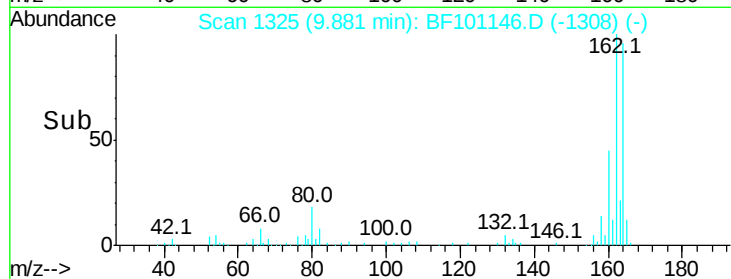
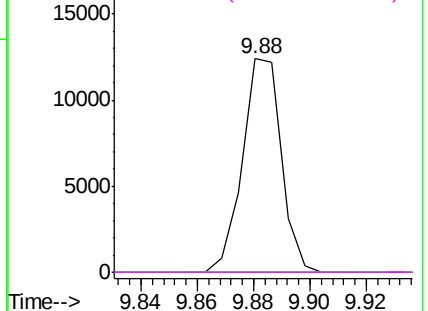


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

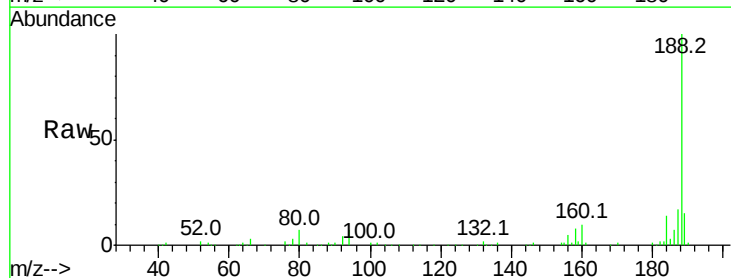
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF101146.D
 Acq: 6 Dec 2017 1:59

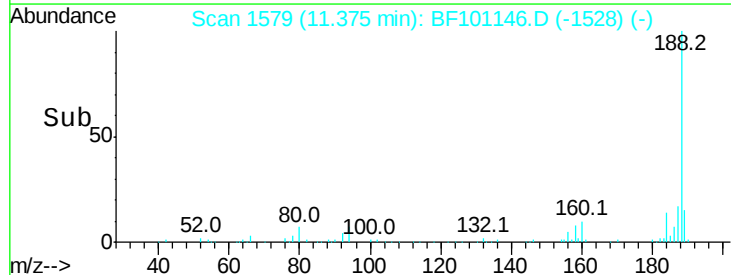
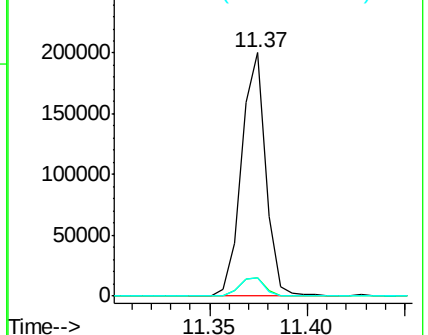
Tgt Ion:188	Resp:	172608
Ion Ratio	Lower	Upper
188	100	
94	7.3	8.5 12.7#
80	7.3	9.2 13.8#

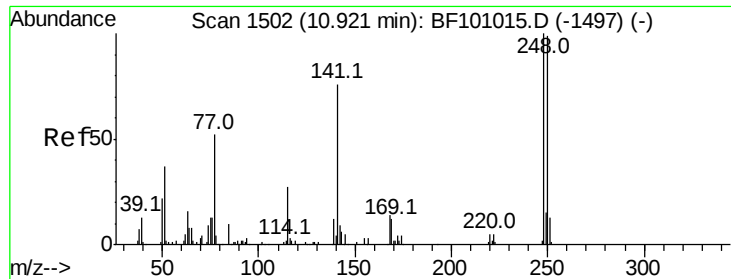


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

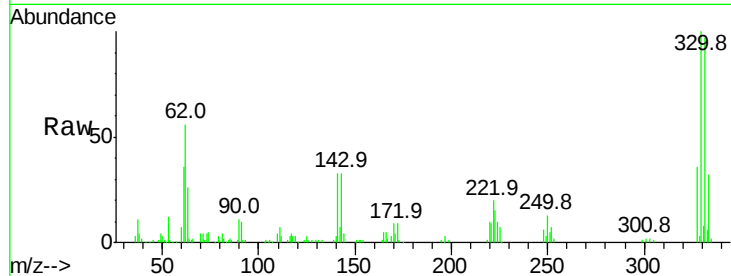




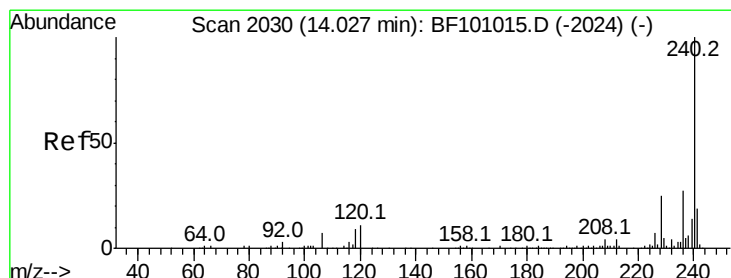
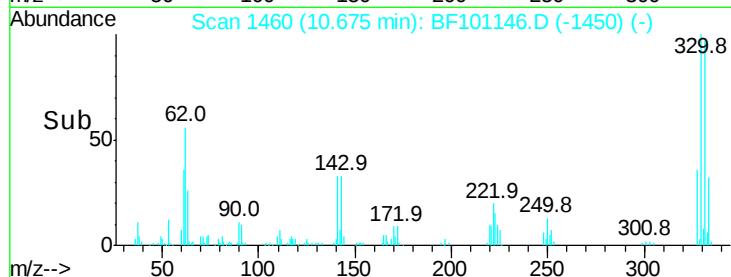
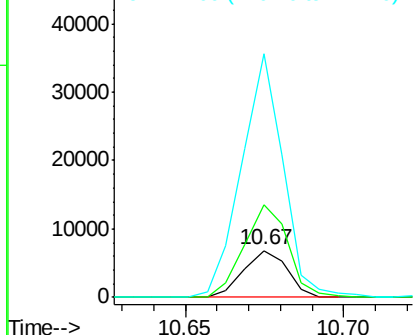
#66
4-Bromophenyl-phenylether
Concen: 3.359 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF101146.D
Acq: 6 Dec 2017 1:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 6490
Ion Ratio Lower Upper
248 100
250 199.6 76.9 115.3#
141 521.5 74.4 111.6#

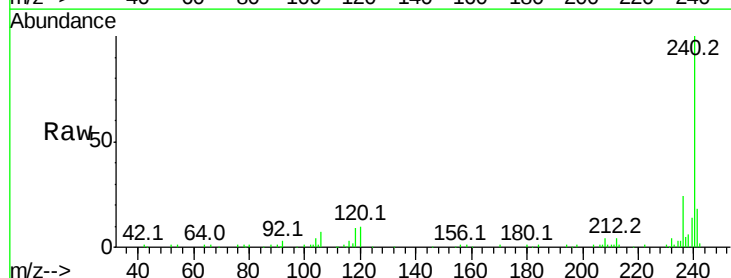


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

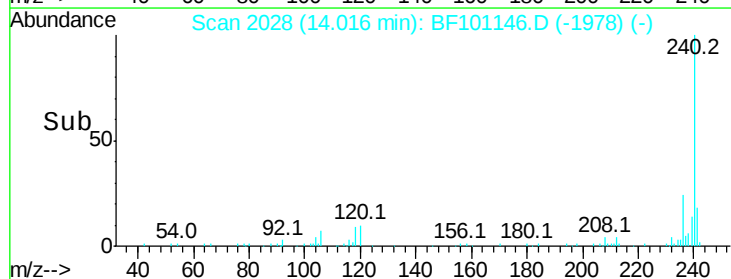
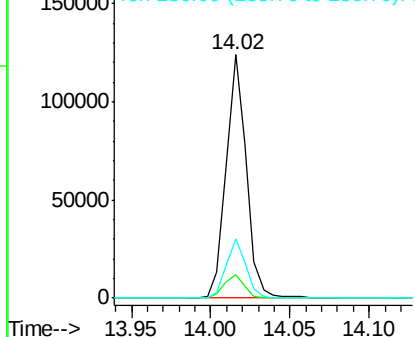


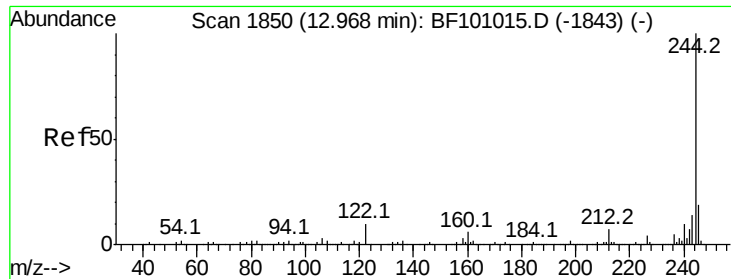
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF101146.D
Acq: 6 Dec 2017 1:59

Tgt Ion:240 Resp: 109043
Ion Ratio Lower Upper
240 100
120 9.8 9.5 14.3
236 24.3 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: 75.951 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF101146.D

Acq: 6 Dec 2017 1:59

Instrument :

BNA_F

ClientSampleId :

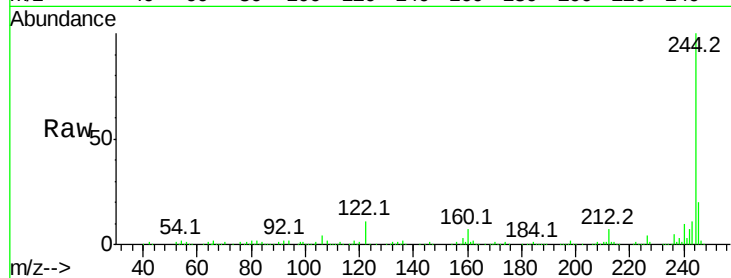
Tot Ion:244 Resp: 378644

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

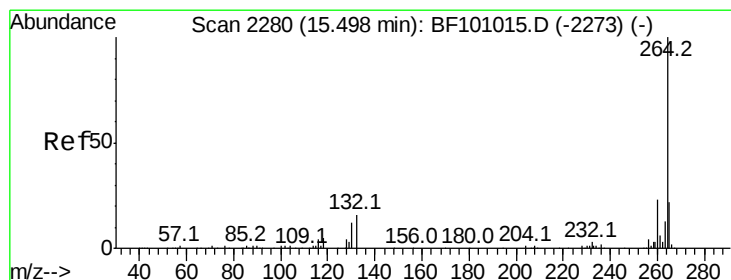
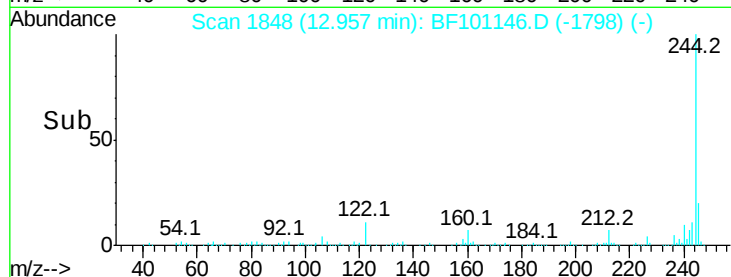
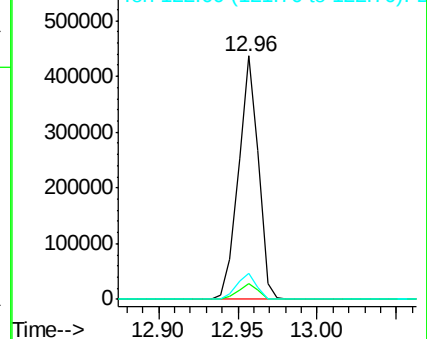
122 10.7 11.0 16.4#



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: 15.49 min Scan# 2279

Delta R.T. 0.00 min

Lab File: BF101146.D

Acq: 6 Dec 2017 1:59

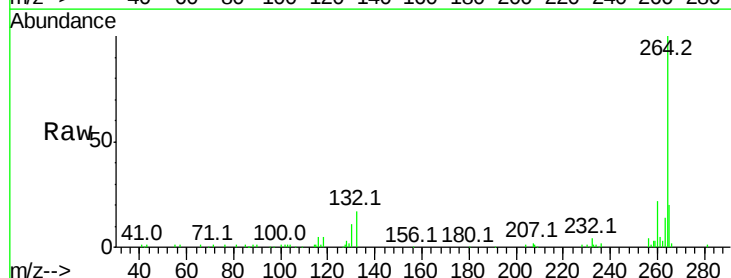
Tgt Ion:264 Resp: 113371

Ion Ratio Lower Upper

264 100

260 22.4 19.2 28.8

265 20.0 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

