

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121117\
 Data File : BF101298.D
 Acq On : 11 Dec 2017 19:09
 Operator : SJ/JU
 Sample : I6792-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 11 23:44:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

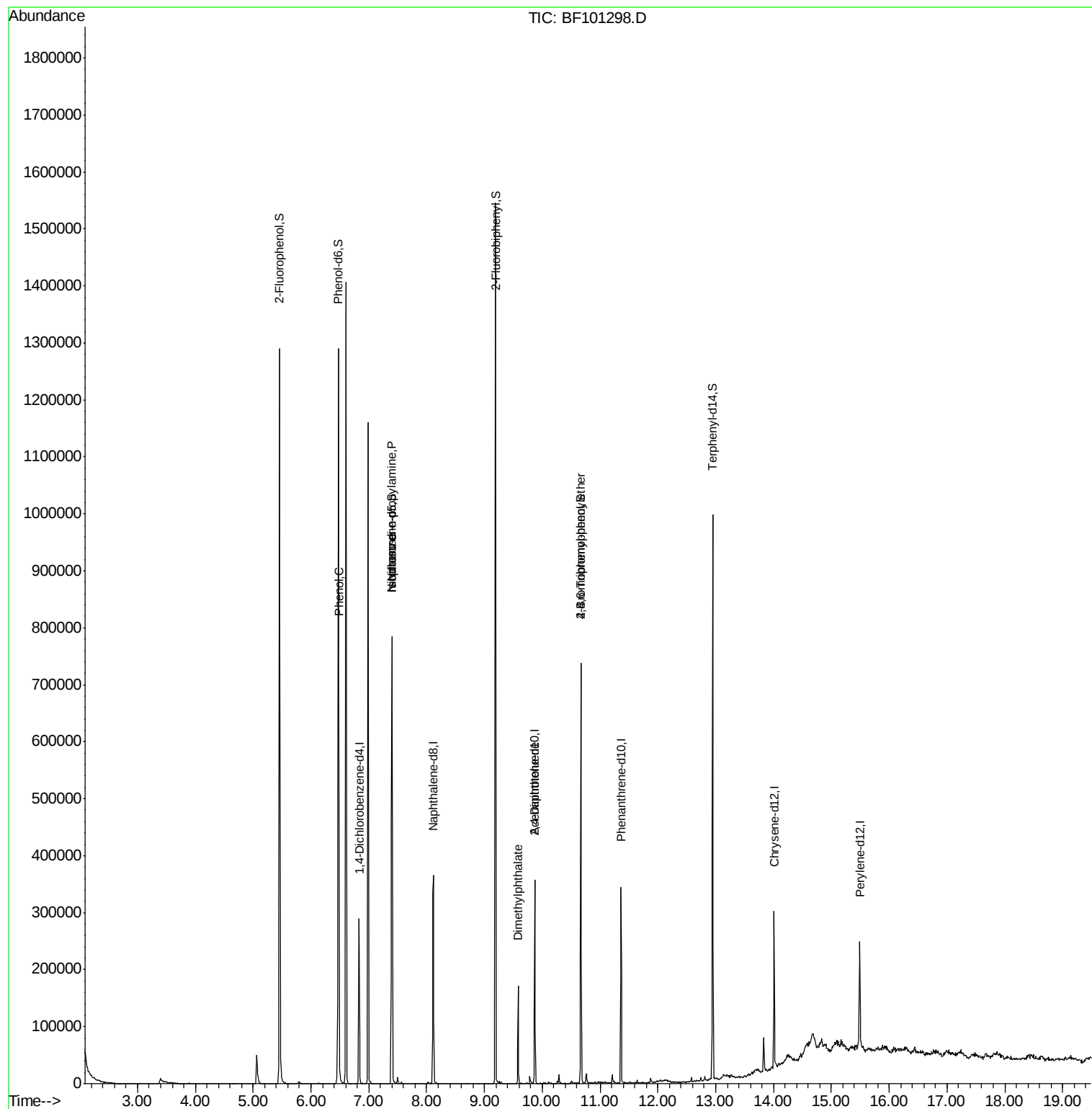
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	46745	20.00	ng	0.01
21) Naphthalene-d8	8.12	136	178876	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	74174	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	118268	20.00	ng	0.00
75) Chrysene-d12	14.01	240	97775	20.00	ng	0.00
86) Perylene-d12	15.49	264	82399	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	370751	131.06	ng	0.02
7) Phenol-d6	6.47	99	456245	132.84	ng	0.01
23) Nitrobenzene-d5	7.40	82	268306	89.48	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	92088	103.35	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	507695	93.65	ng	0.00
78) Terphenyl-d14	12.95	244	356539	79.76	ng	0.01
Target Compounds						
10) Phenol	6.49	94	15340	4.017	ng	96
19) n-Nitroso-di-n-propylamine	7.40	70	35536	15.364	ng	# 78
25) Isophorone	7.40	82	268304	52.383	ng	# 64
49) Dimethylphthalate	9.58	163	65230	10.904	ng	99
56) 2,4-Dinitrotoluene	9.87	165	9841	5.828	ng	# 21
66) 4-Bromophenyl-phenylether	10.67	248	5818	4.395	ng	# 1

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

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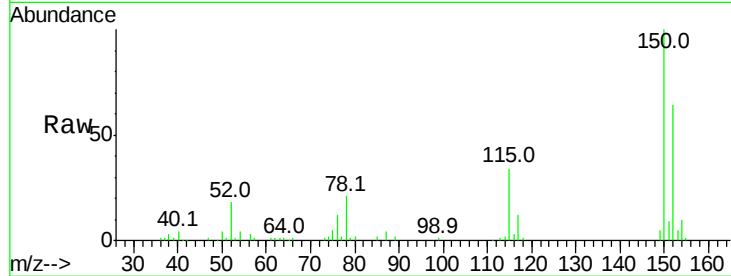


#1

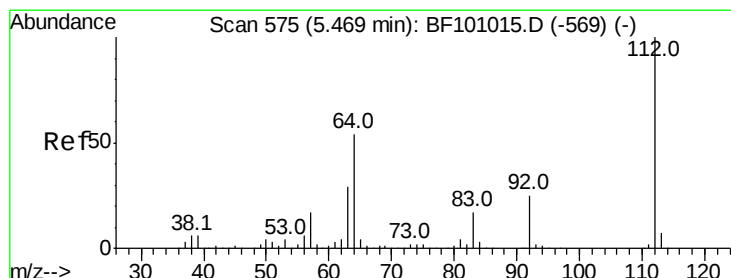
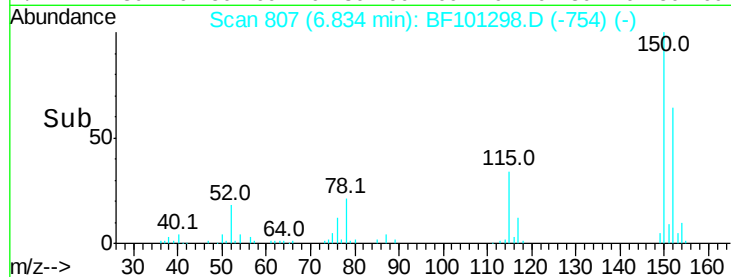
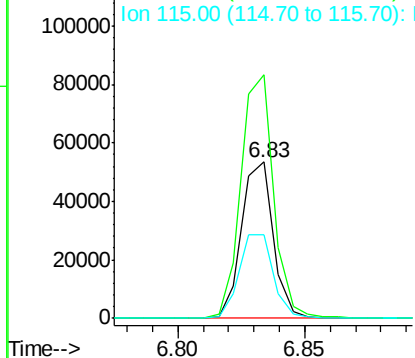
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.01 min
Lab File: BF101298.D
Acq: 11 Dec 2017 19:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 46745
Ion Ratio Lower Upper
152 100
150 155.6 124.6 186.8
115 53.3 50.1 75.1



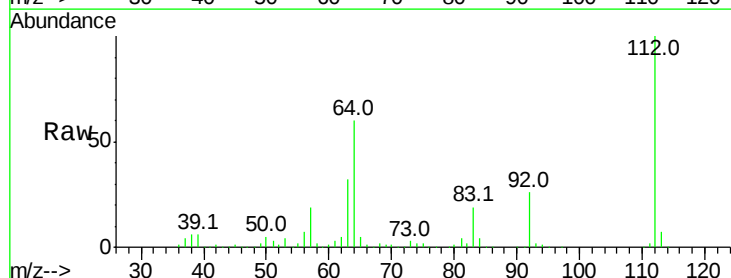
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



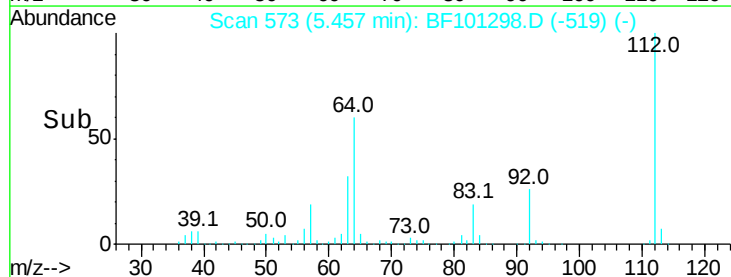
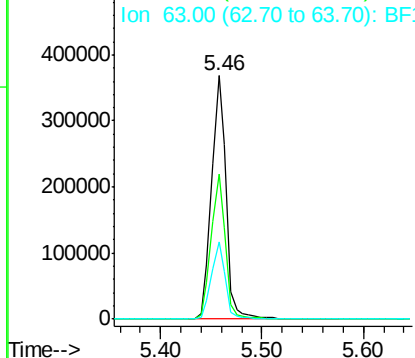
#5

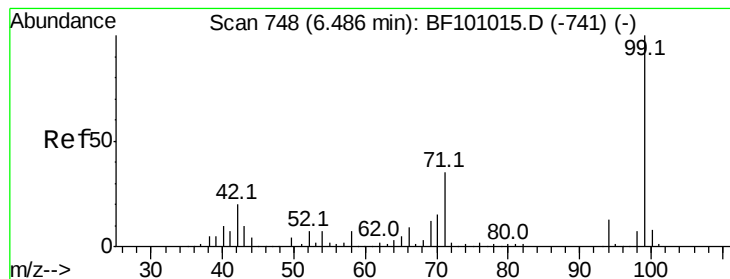
2-Fluorophenol
Concen: 131.061 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.02 min
Lab File: BF101298.D
Acq: 11 Dec 2017 19:09

Tgt Ion:112 Resp: 370751
Ion Ratio Lower Upper
112 100
64 59.6 47.9 71.9
63 31.7 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: 132.842 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF101298.D

Acq: 11 Dec 2017 19:09

Instrument :

BNA_F

ClientSampled :

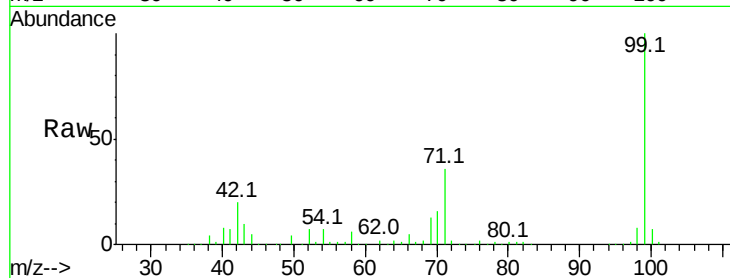
Tot Ion: 99 Resp: 456245

Ion Ratio Lower Upper

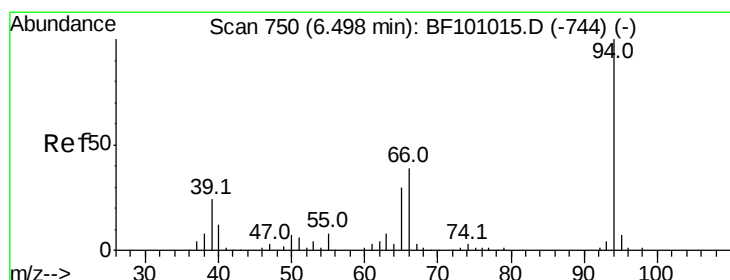
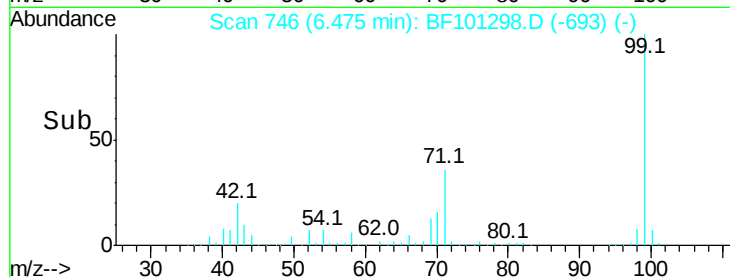
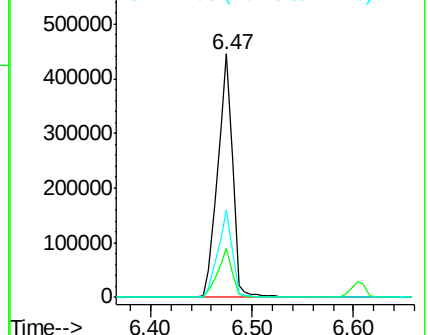
99 100

42 20.3 14.5 21.7

71 36.1 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: 4.017 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF101298.D

Acq: 11 Dec 2017 19:09

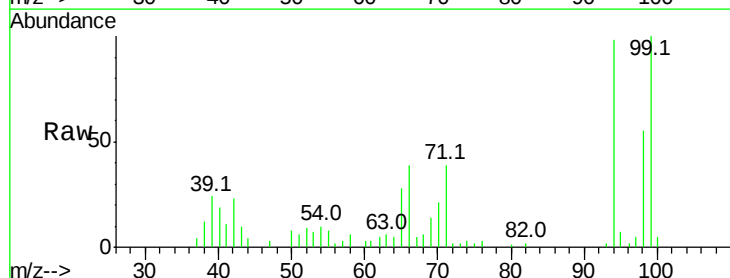
Tgt Ion: 94 Resp: 15340

Ion Ratio Lower Upper

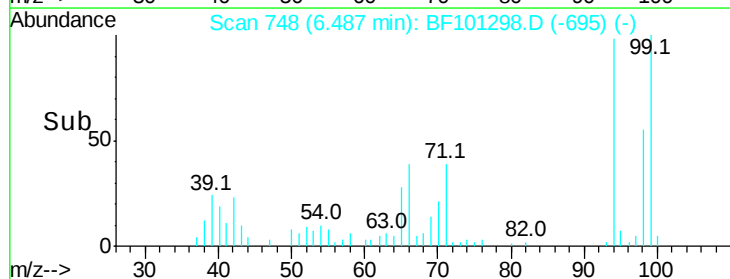
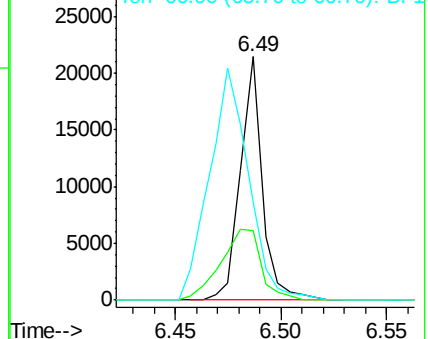
94 100

65 28.6 7.9 47.9

66 40.0 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: 15.364 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.16 min

Lab File: BF101298.D

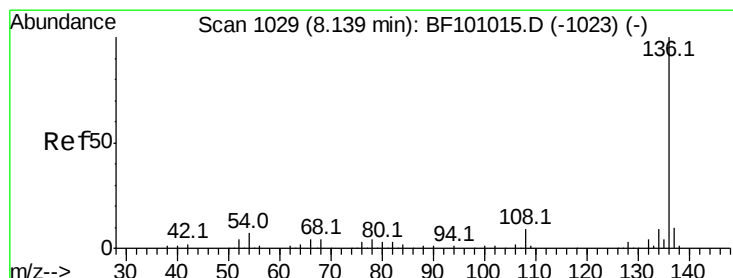
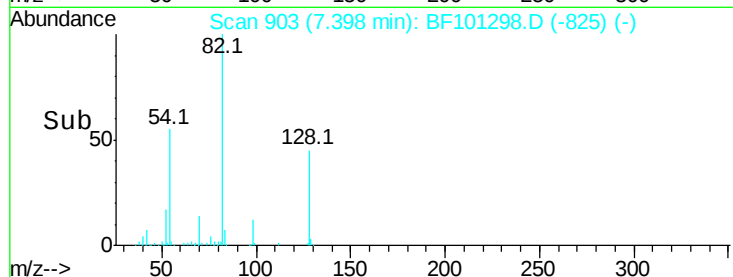
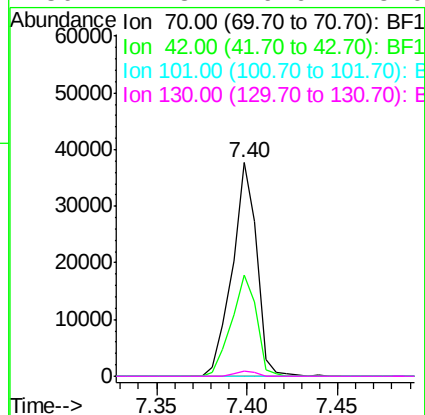
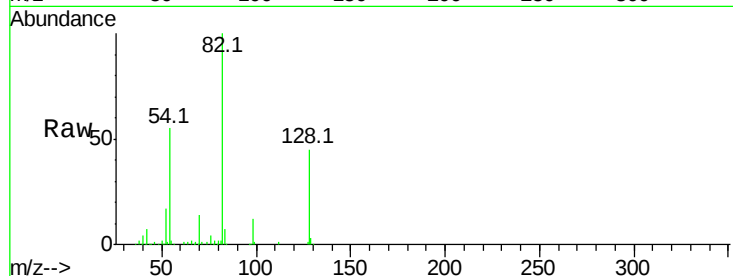
Acq: 11 Dec 2017 19:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	70	Resp:	35536
Ion	Ratio	Lower	Upper
70	100		
42	47.4	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

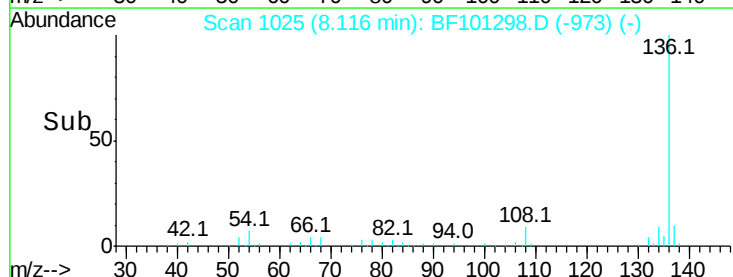
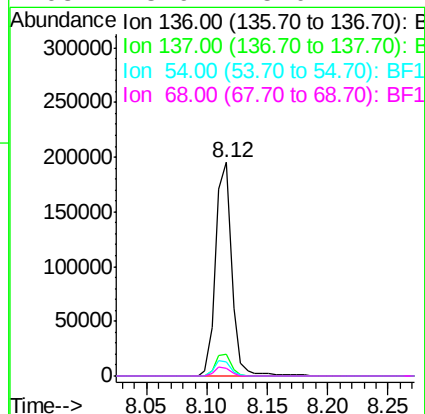
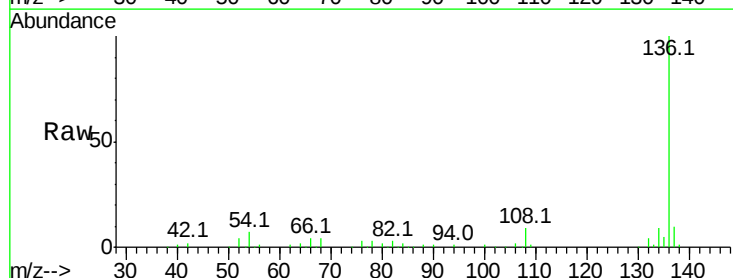
RT: 8.12 min Scan# 1025

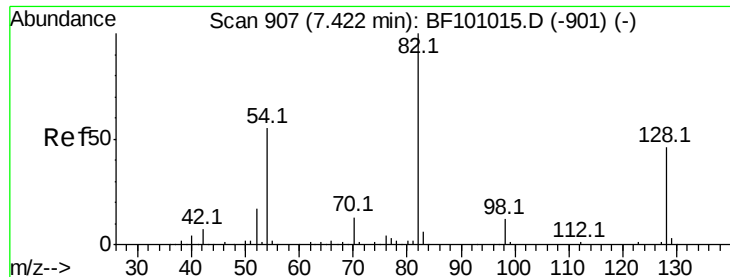
Delta R.T. 0.01 min

Lab File: BF101298.D

Acq: 11 Dec 2017 19:09

Tgt Ion:	136	Resp:	178876
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.9	13.3
54	6.6	6.6	9.8
68	3.9	5.0	7.4#

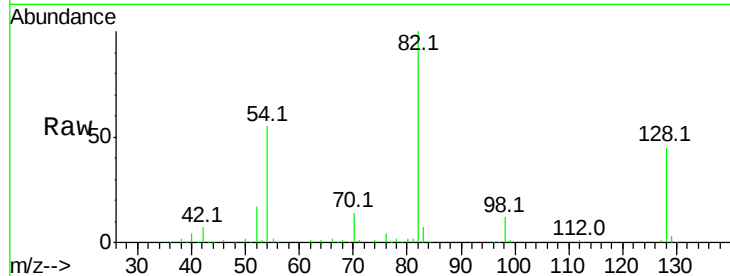




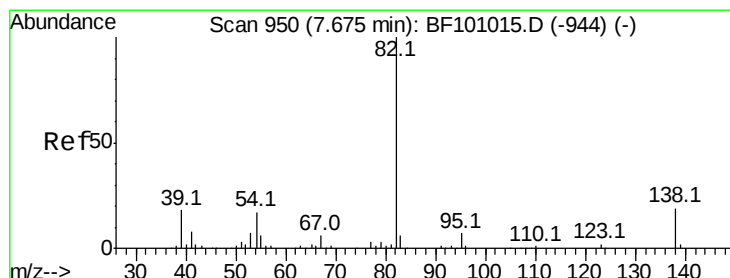
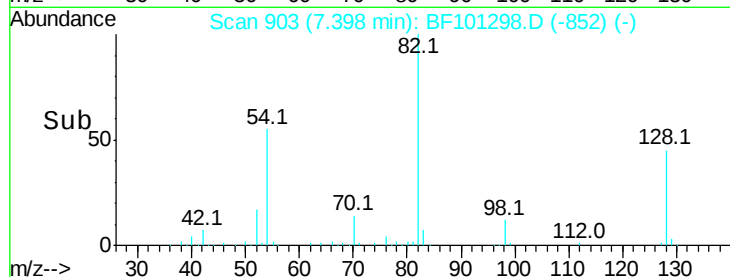
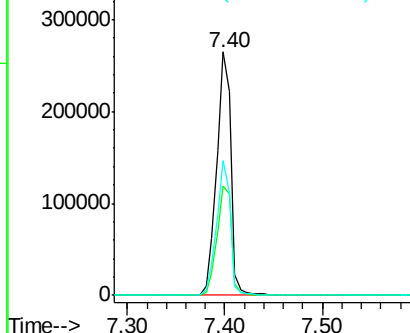
#23
 Nitrobenzene-d5
 Concen: 89.477 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF101298.D
 Acq: 11 Dec 2017 19:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	268306
Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.1	54.1
54	55.5	41.4	62.2

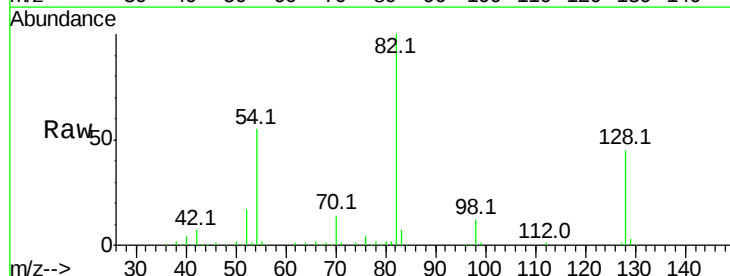


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

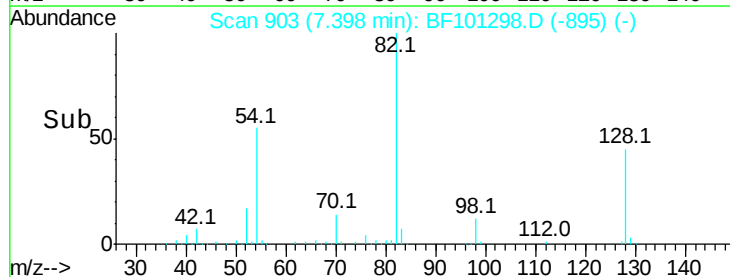
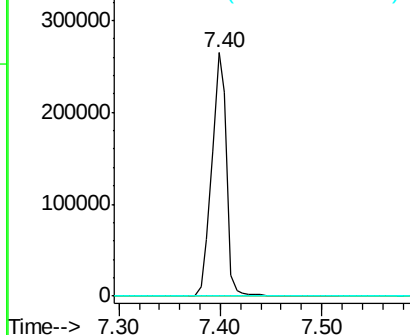


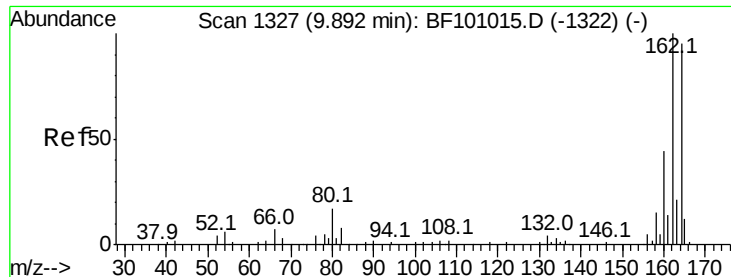
#25
 Isophorone
 Concen: 52.383 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.25 min
 Lab File: BF101298.D
 Acq: 11 Dec 2017 19:09

Tgt Ion	82	Resp	268304
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

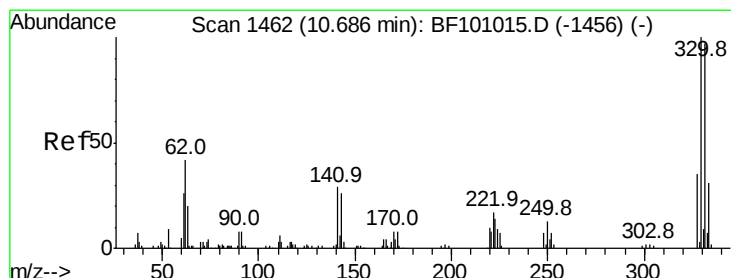
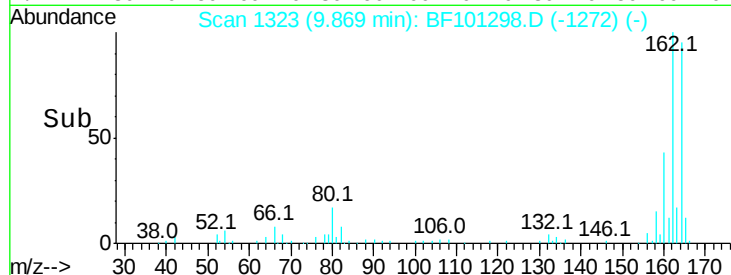
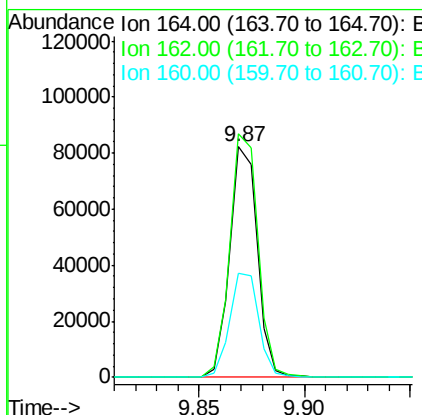
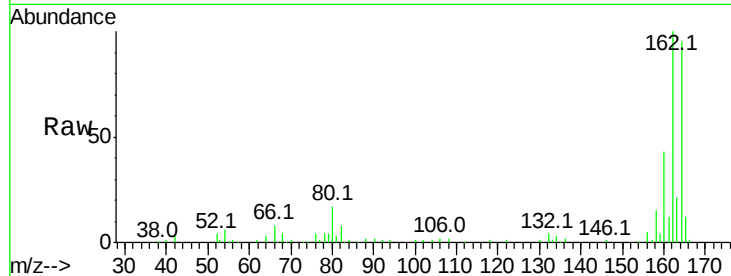




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF101298.D
Acq: 11 Dec 2017 19:09

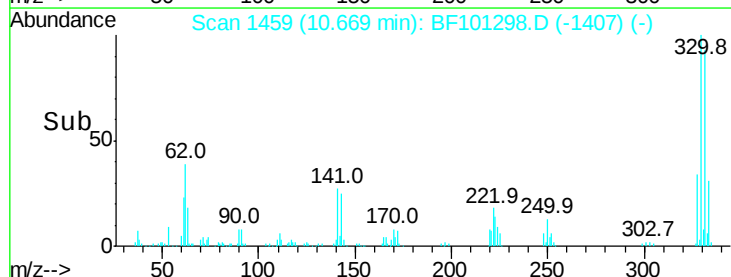
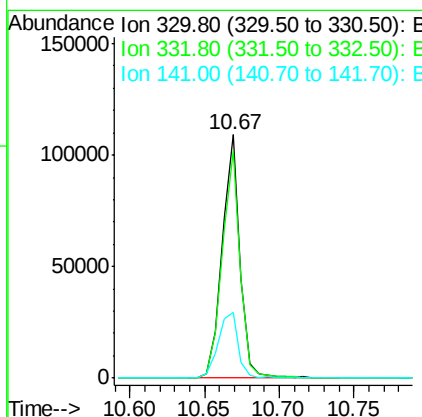
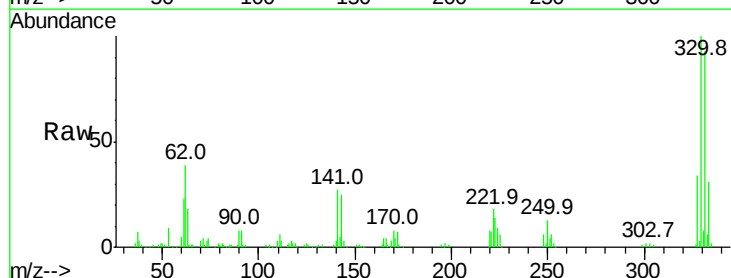
Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 74174
Ion Ratio Lower Upper
164 100
162 105.7 86.1 129.1
160 45.1 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 103.349 ng
RT: 10.67 min Scan# 1459
Delta R.T. 0.01 min
Lab File: BF101298.D
Acq: 11 Dec 2017 19:09

Tgt Ion:330 Resp: 92088
Ion Ratio Lower Upper
330 100
332 94.8 77.0 115.6
141 29.9 29.9 44.9#

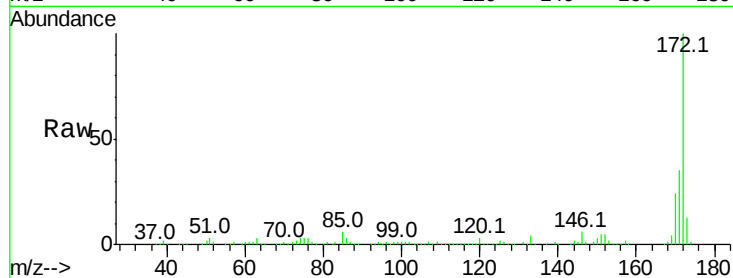




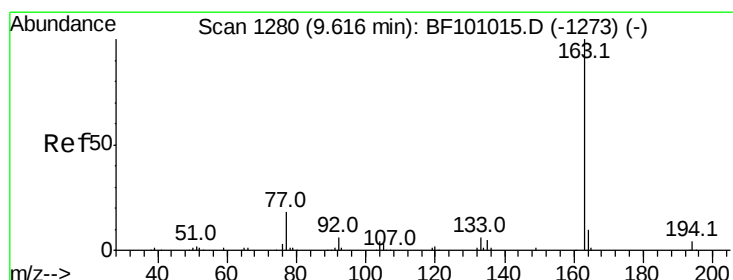
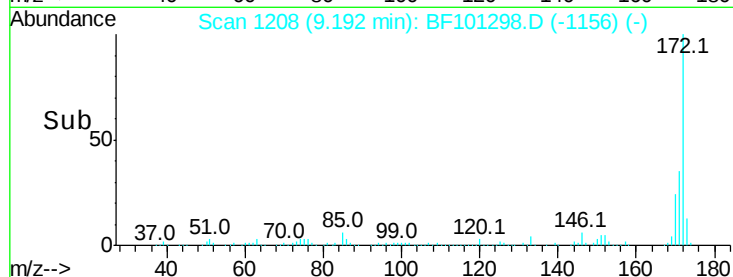
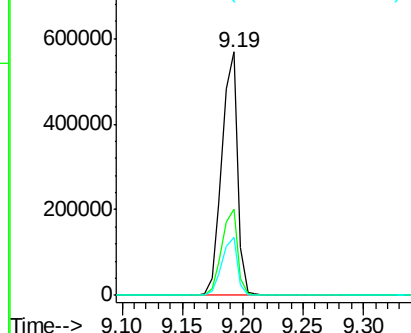
#44
 2-Fluorobiphenyl
 Concen: 93.648 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF101298.D
 Acq: 11 Dec 2017 19:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.9	19.6	29.4

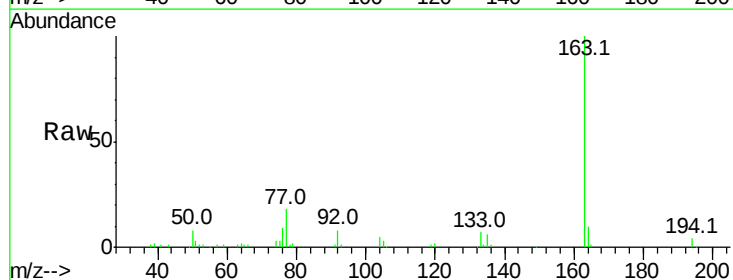


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

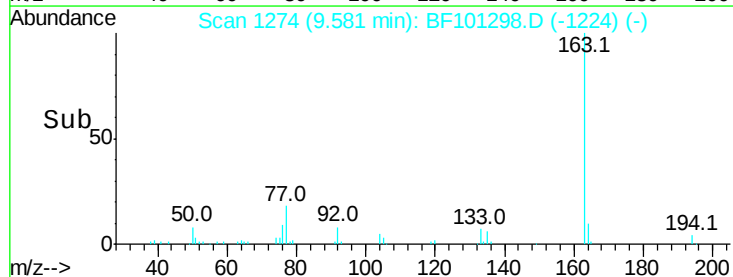
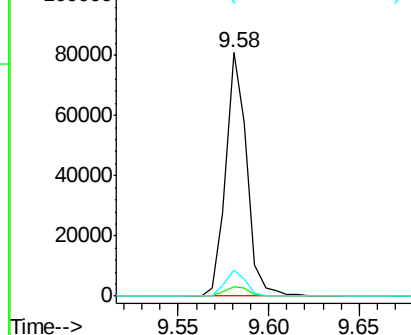


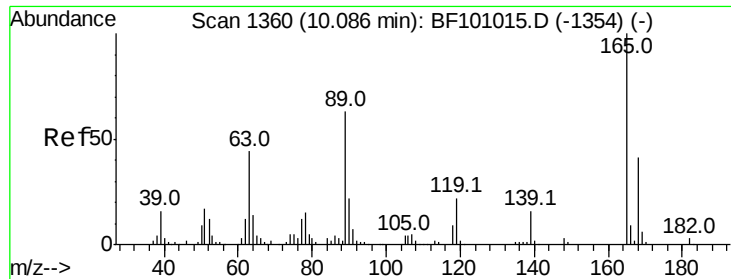
#49
 Dimethylphthalate
 Concen: 10.904 ng
 RT: 9.58 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: BF101298.D
 Acq: 11 Dec 2017 19:09

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.5	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

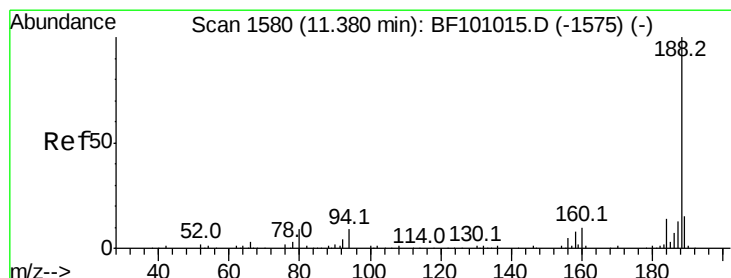
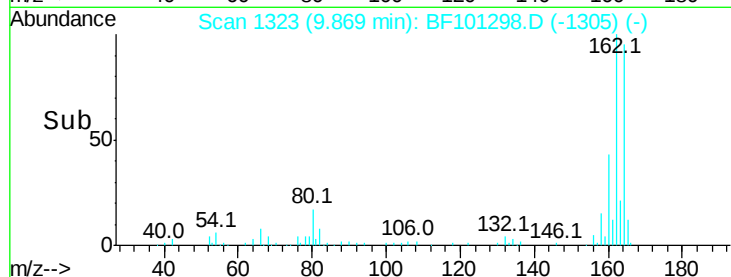
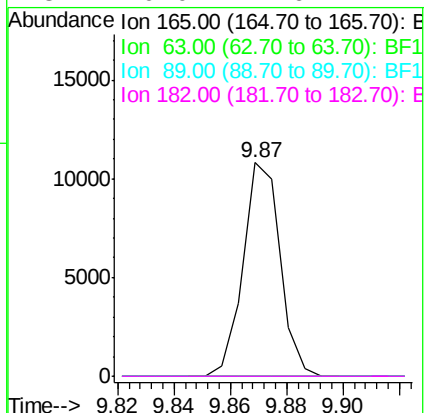
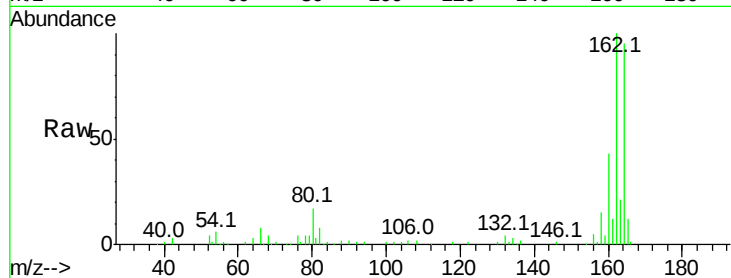




#56
 2,4-Dinitrotoluene
 Concen: 5.828 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.19 min
 Lab File: BF101298.D
 Acq: 11 Dec 2017 19:09

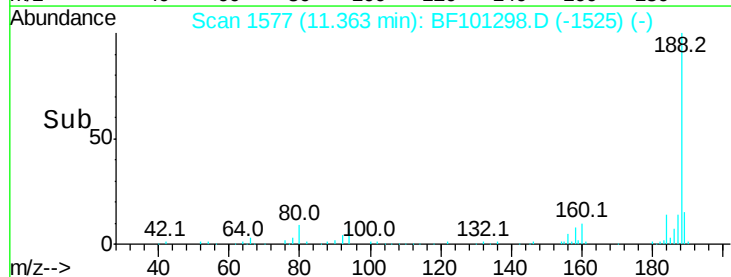
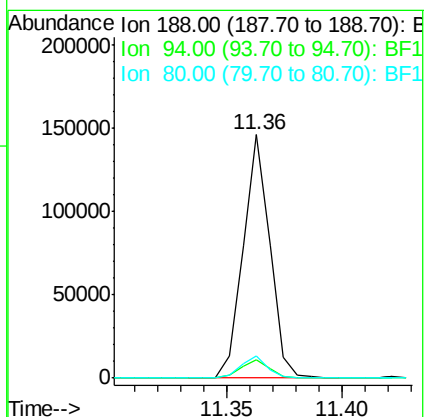
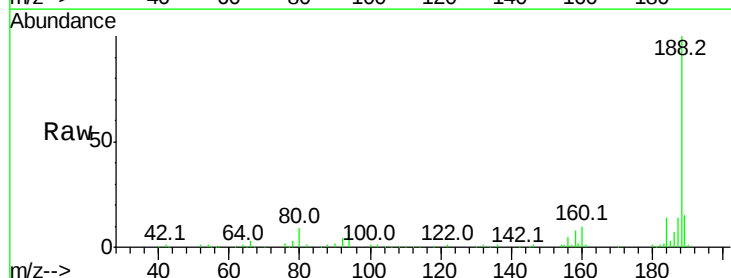
Instrument :
 BNA_F
 ClientSampleId :

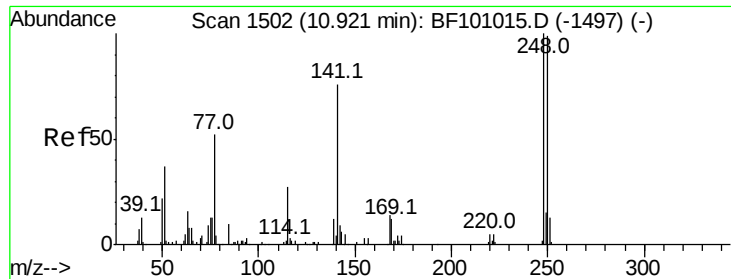
Tot Ion:165	Resp:	9841
Ion Ratio	Lower	Upper
165	100	
63	0.0	36.4 54.6#
89	0.0	57.8 86.6#
182	0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. 0.01 min
 Lab File: BF101298.D
 Acq: 11 Dec 2017 19:09

Tgt Ion:188	Resp:	118268
Ion Ratio	Lower	Upper
188	100	
94	7.3	8.5 12.7#
80	9.1	9.2 13.8#

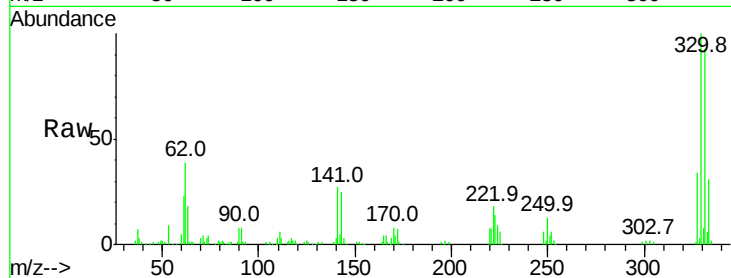




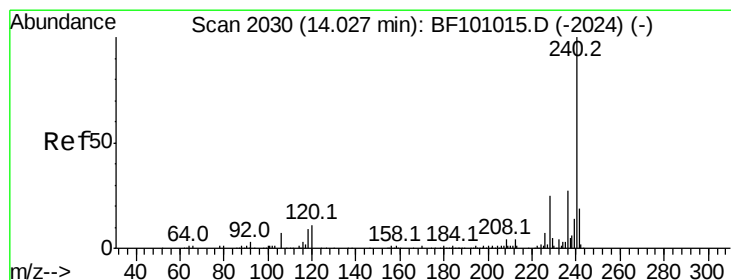
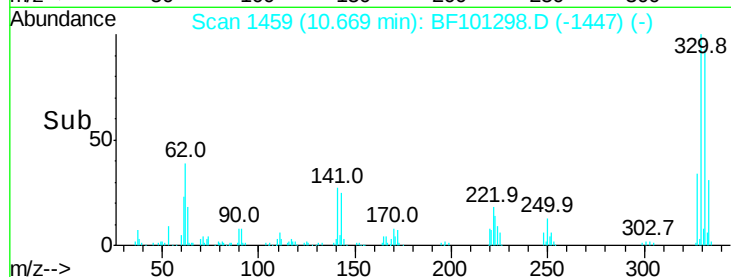
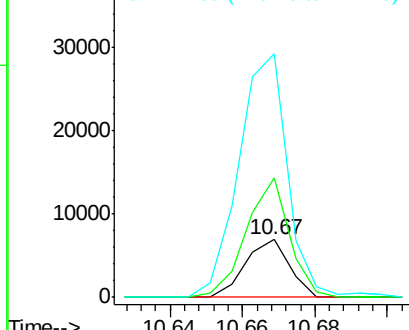
#66
4-Bromophenyl-phenylether
Concen: 4.395 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.23 min
Lab File: BF101298.D
Acq: 11 Dec 2017 19:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 5818
Ion Ratio Lower Upper
248 100
250 207.7 76.9 115.3#
141 423.9 74.4 111.6#

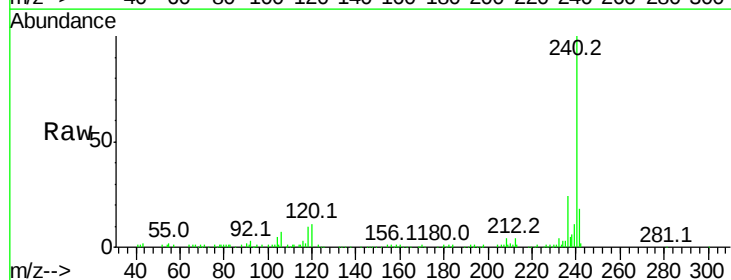


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

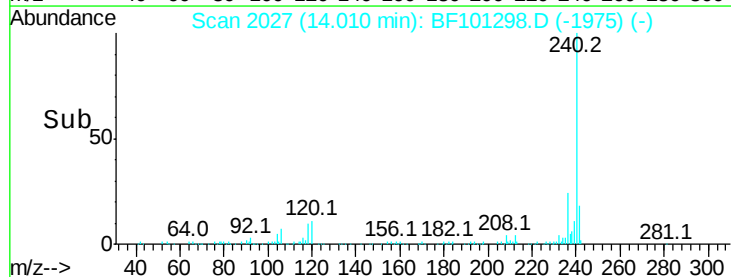
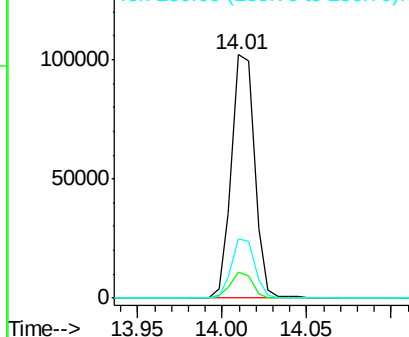


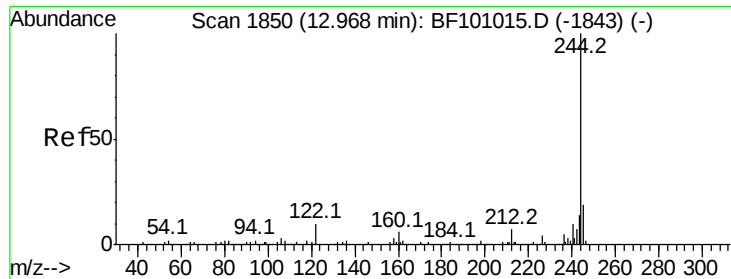
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF101298.D
Acq: 11 Dec 2017 19:09

Tgt Ion:240 Resp: 97775
Ion Ratio Lower Upper
240 100
120 10.7 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

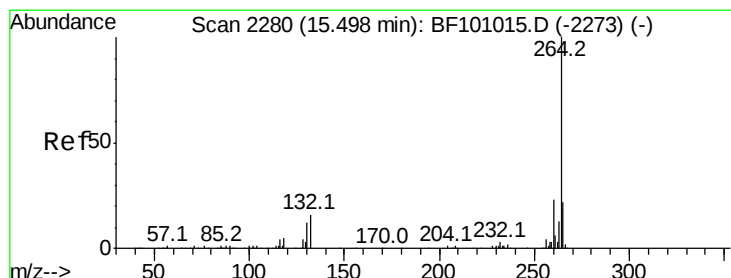
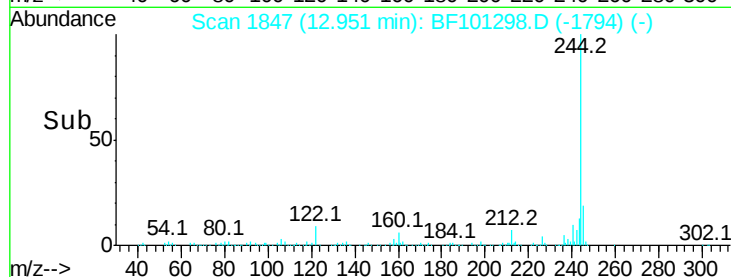
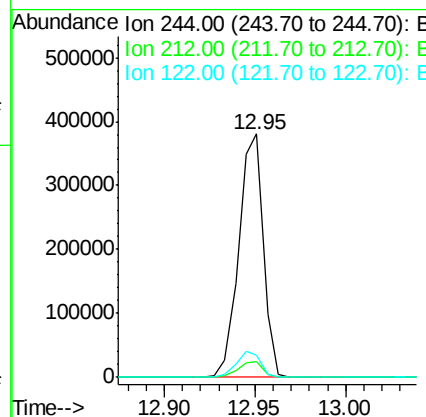
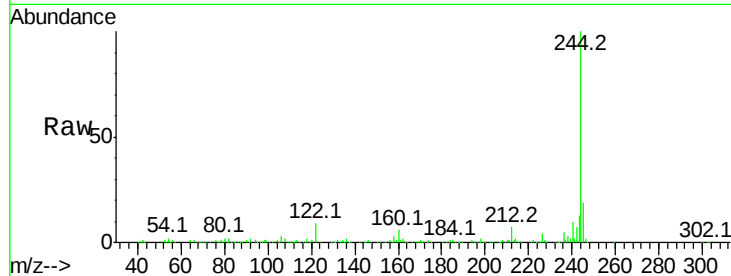




#78
 Terphenyl-d14
 Concen: 79.759 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. 0.01 min
 Lab File: BF101298.D
 Acq: 11 Dec 2017 19:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 356539
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 9.4 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.02 min
 Lab File: BF101298.D
 Acq: 11 Dec 2017 19:09

Tgt Ion:264 Resp: 82399
 Ion Ratio Lower Upper
 264 100
 260 22.1 19.2 28.8
 265 20.0 17.5 26.3

