

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121117\
 Data File : BF101299.D
 Acq On : 11 Dec 2017 19:36
 Operator : SJ/JU
 Sample : I6764-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 11 23:44:43 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

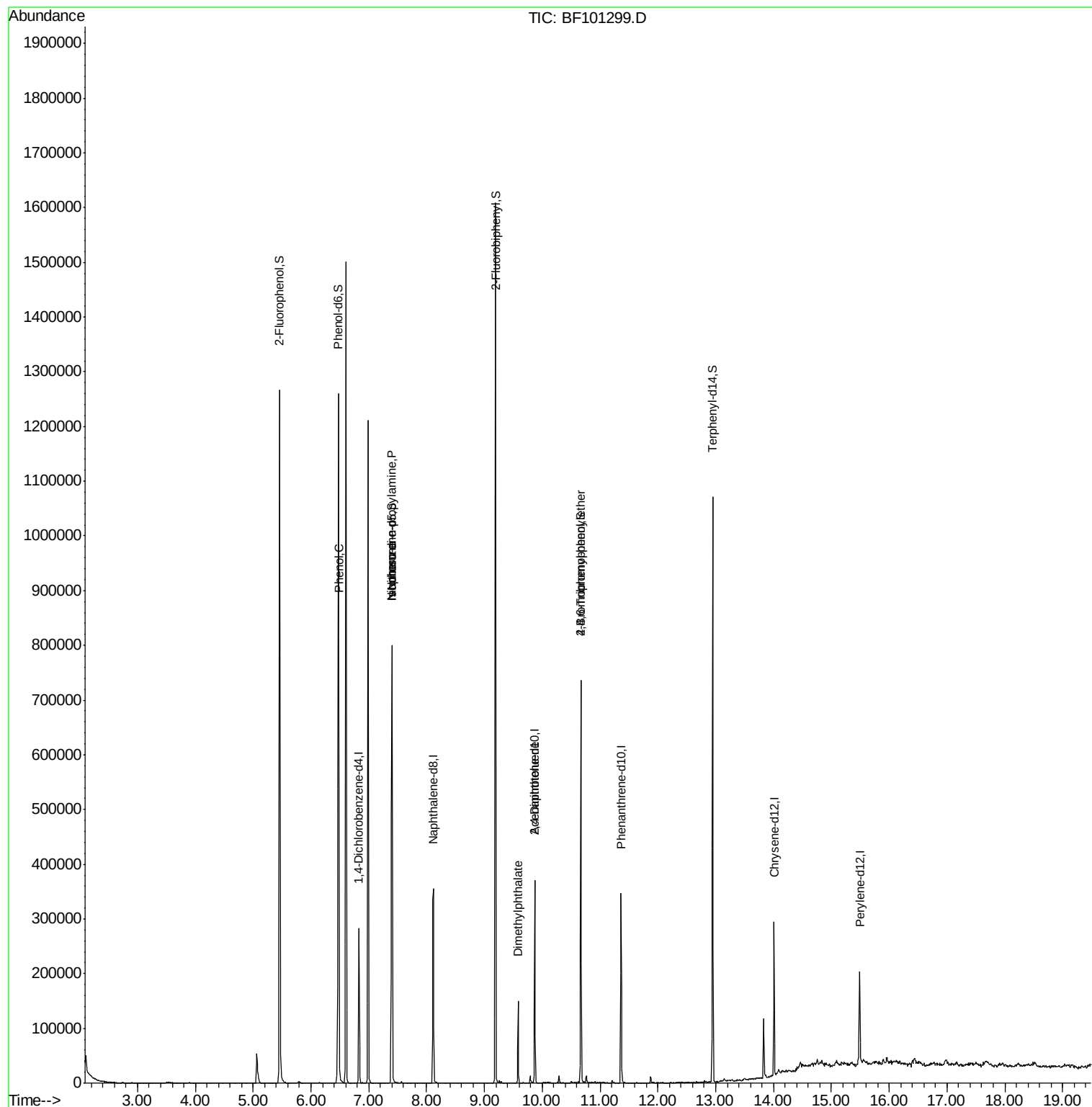
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	45473	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	174312	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	74889	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	118608	20.00	ng	0.00
75) Chrysene-d12	14.01	240	95115	20.00	ng	0.00
86) Perylene-d12	15.49	264	81656	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	389424	141.51	ng	0.02
7) Phenol-d6	6.47	99	474750	142.10	ng	0.01
23) Nitrobenzene-d5	7.40	82	280499	95.99	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	96647	107.43	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	527973	96.46	ng	0.00
78) Terphenyl-d14	12.95	244	376324	86.54	ng	0.01
Target Compounds						
10) Phenol	6.49	94	17300	4.657	ng	90
19) n-Nitroso-di-n-propylamine	7.40	70	36671	16.298	ng	# 82
25) Isophorone	7.40	82	280496	56.197	ng	# 64
49) Dimethylphthalate	9.58	163	58227	9.641	ng	99
56) 2,4-Dinitrotoluene	9.87	165	9254	5.428	ng	# 21
66) 4-Bromophenyl-phenylether	10.67	248	6197	4.668	ng	# 1

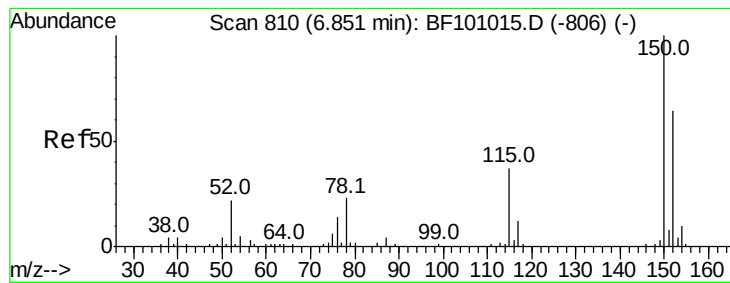
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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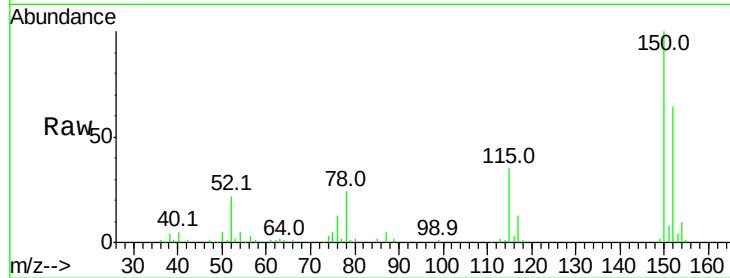


#1

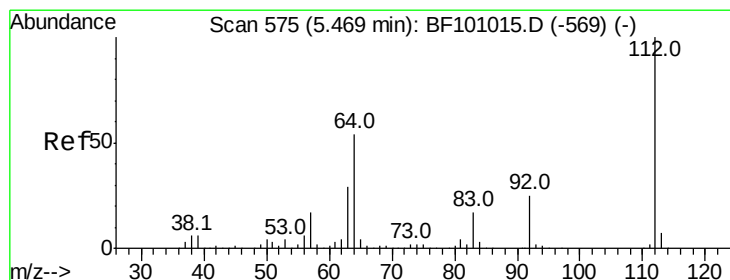
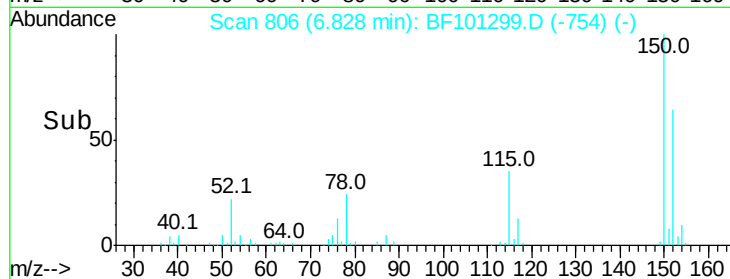
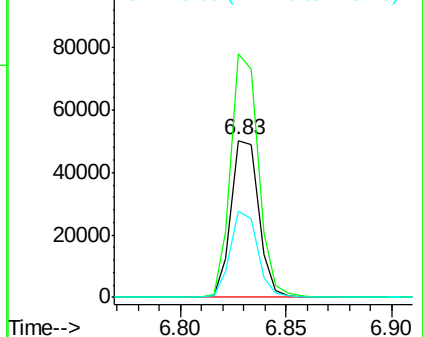
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF101299.D
Acq: 11 Dec 2017 19:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 45473
Ion Ratio Lower Upper
152 100
150 155.3 124.6 186.8
115 54.9 50.1 75.1



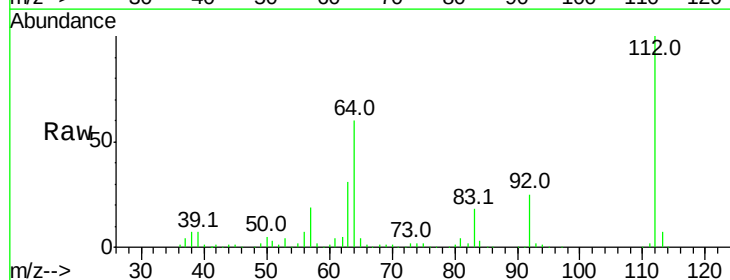
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



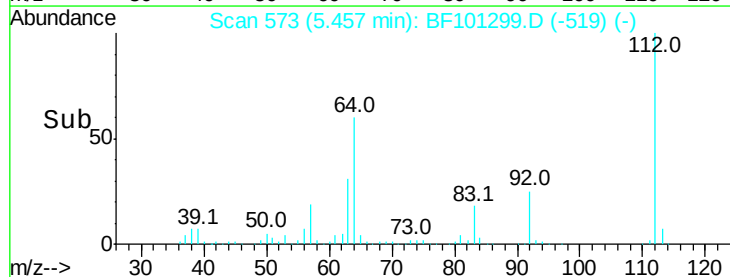
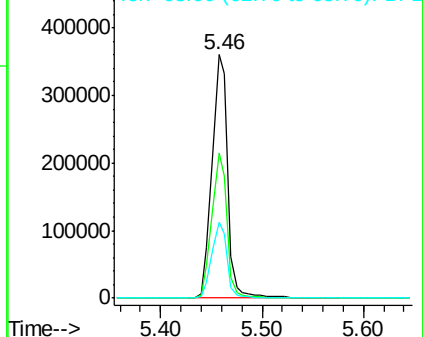
#5

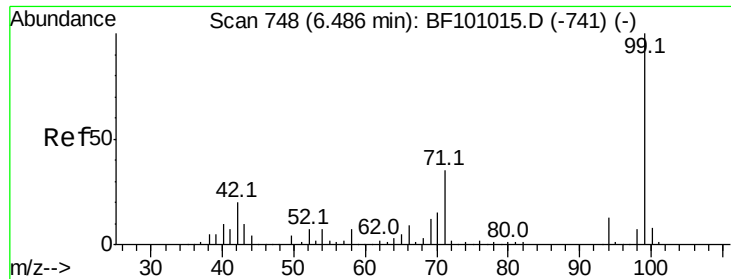
2-Fluorophenol
Concen: 141.513 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.02 min
Lab File: BF101299.D
Acq: 11 Dec 2017 19:36

Tgt Ion:112 Resp: 389424
Ion Ratio Lower Upper
112 100
64 59.6 47.9 71.9
63 31.3 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: 142.097 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF101299.D

Acq: 11 Dec 2017 19:36

Instrument :

BNA_F

ClientSampled :

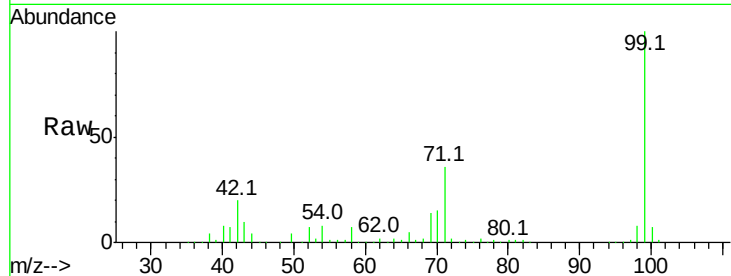
Tot Ion: 99 Resp: 474750

Ion Ratio Lower Upper

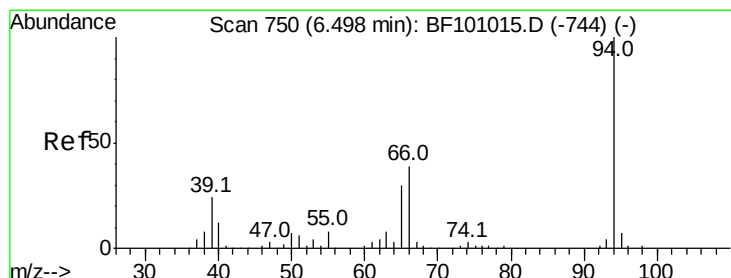
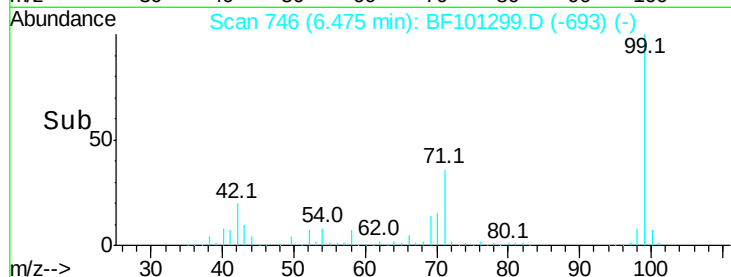
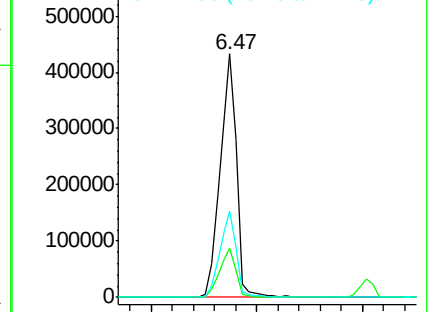
99 100

42 20.4 14.5 21.7

71 35.6 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: 4.657 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF101299.D

Acq: 11 Dec 2017 19:36

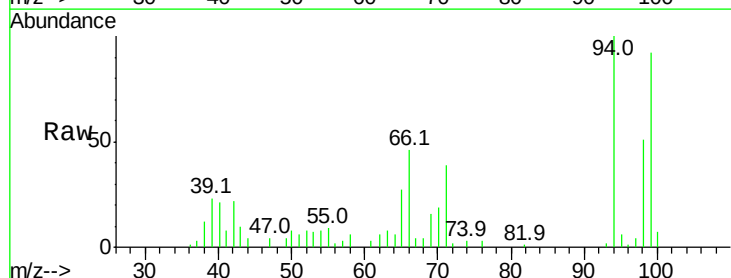
Tgt Ion: 94 Resp: 17300

Ion Ratio Lower Upper

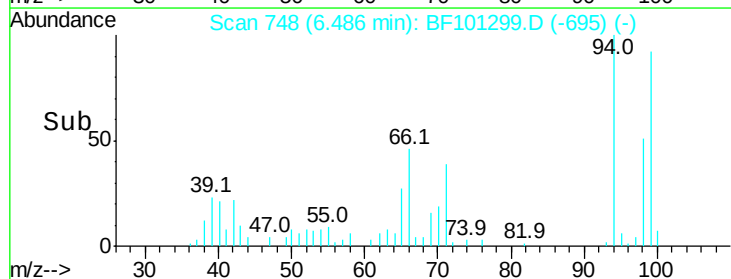
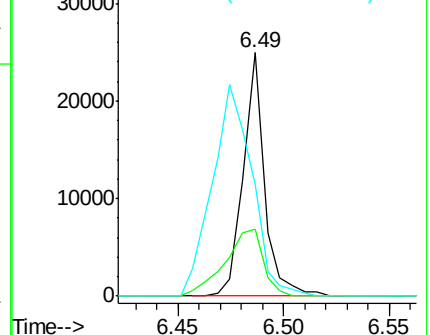
94 100

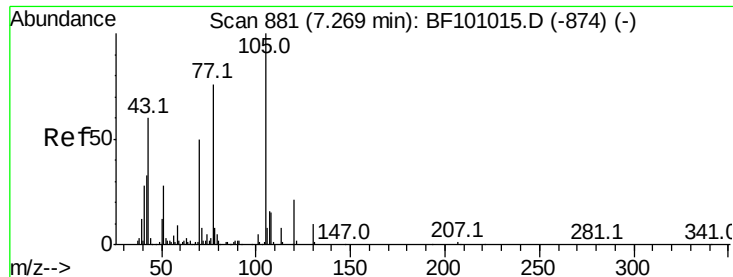
65 27.3 7.9 47.9

66 46.1 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: 16.298 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.16 min

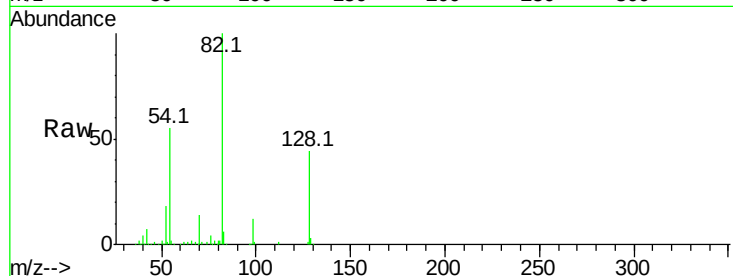
Lab File: BF101299.D

Acq: 11 Dec 2017 19:36

Instrument :

BNA_F

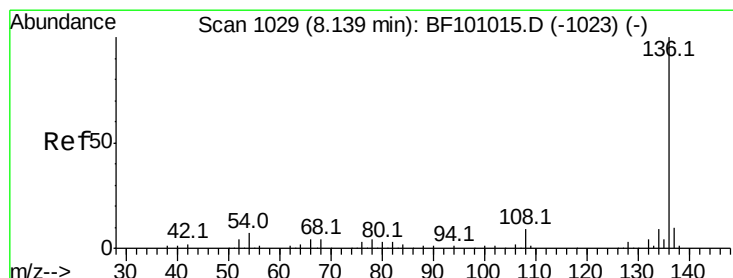
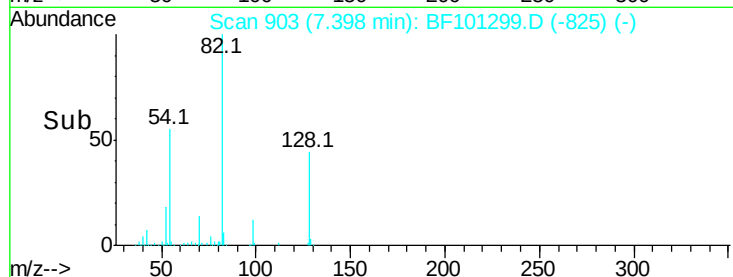
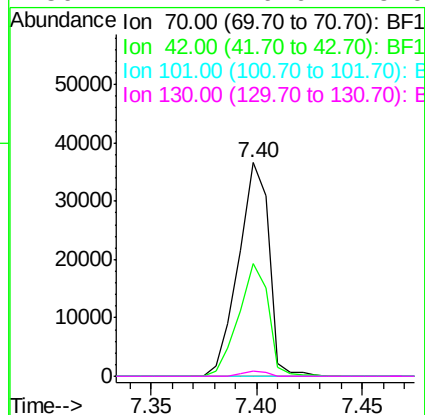
ClientSampled :



Tot Ion: 70 Resp: 36671

Ion Ratio Lower Upper

70	100		
42	52.5	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. 0.01 min

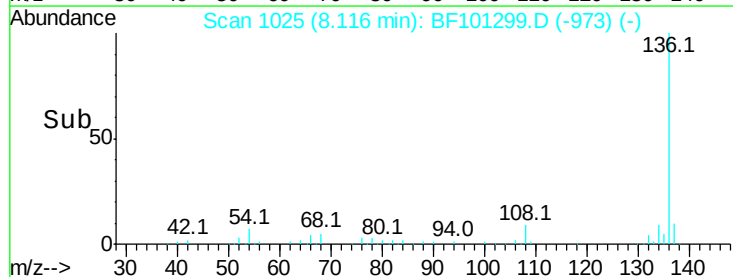
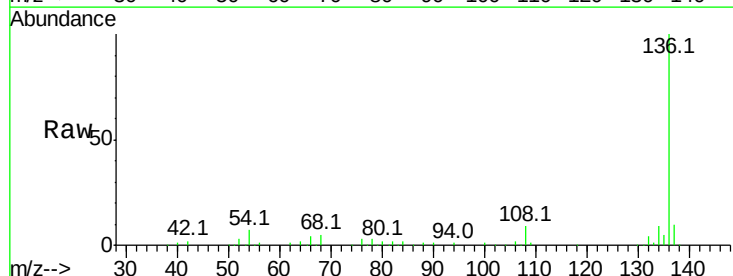
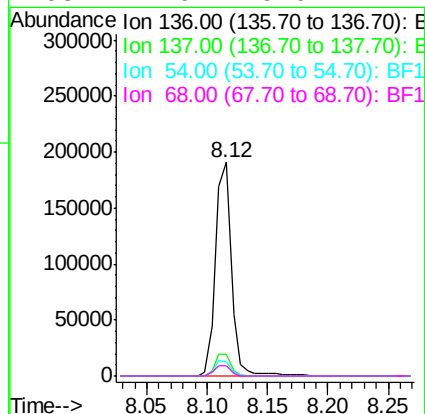
Lab File: BF101299.D

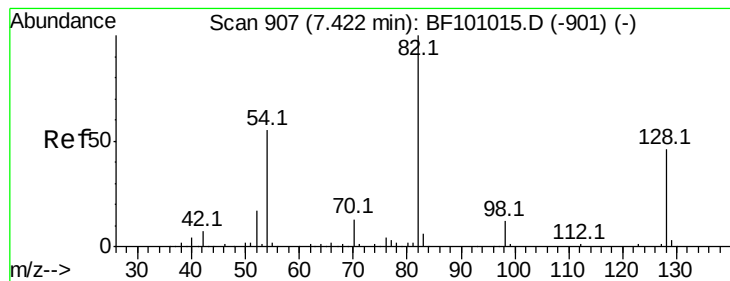
Acq: 11 Dec 2017 19:36

Tgt Ion: 136 Resp: 174312

Ion Ratio Lower Upper

136	100		
137	10.0	8.9	13.3
54	6.6	6.6	9.8
68	4.6	5.0	7.4#





#23

Nitrobenzene-d5

Concen: 95.992 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.00 min

Lab File: BF101299.D

Acq: 11 Dec 2017 19:36

Instrument :

BNA_F

ClientSampled :

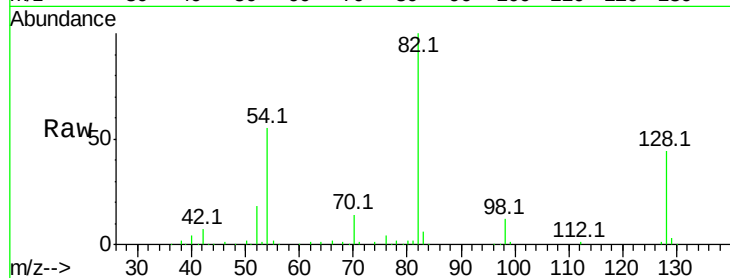
Tot Ion: 82 Resp: 280499

Ion Ratio Lower Upper

82 100

128 44.5 36.1 54.1

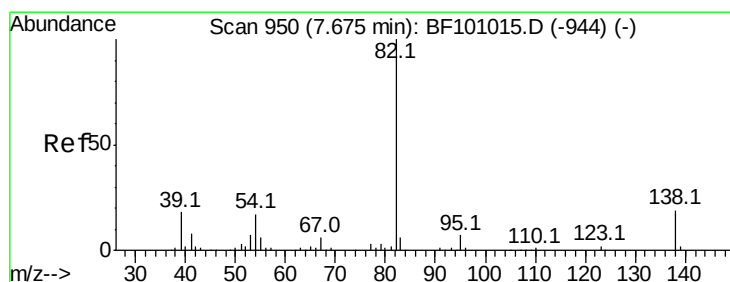
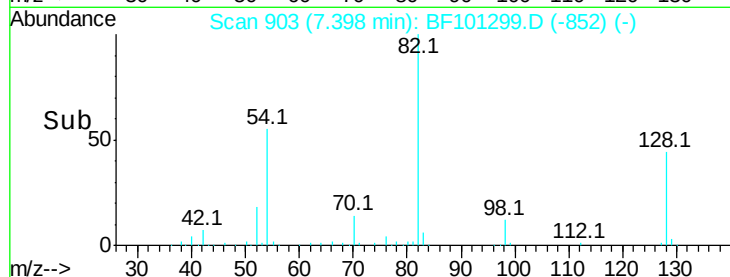
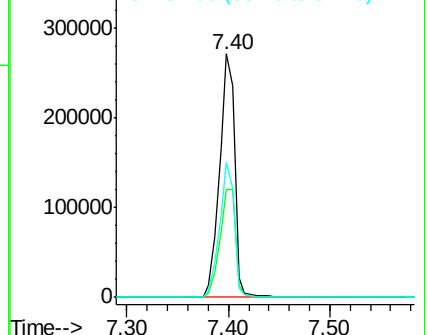
54 55.3 41.4 62.2



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: 56.197 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.25 min

Lab File: BF101299.D

Acq: 11 Dec 2017 19:36

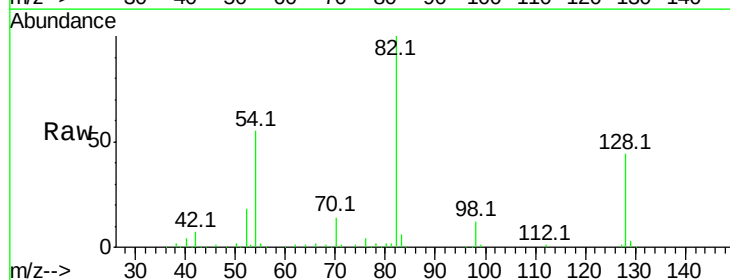
Tgt Ion: 82 Resp: 280496

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

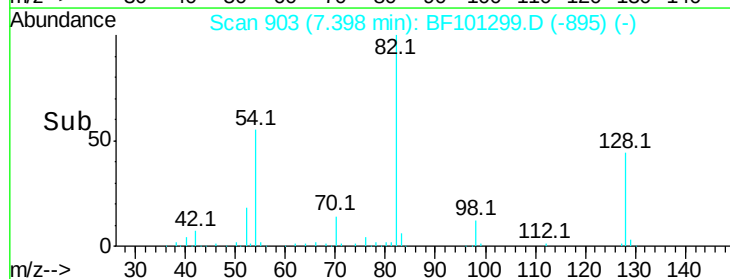
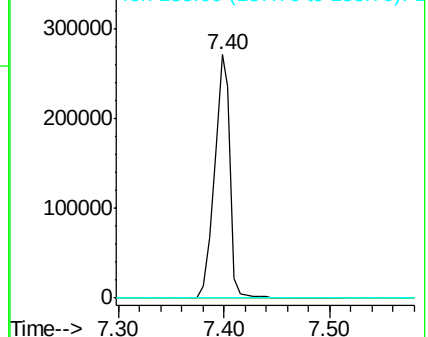
138 0.0 14.9 22.3#

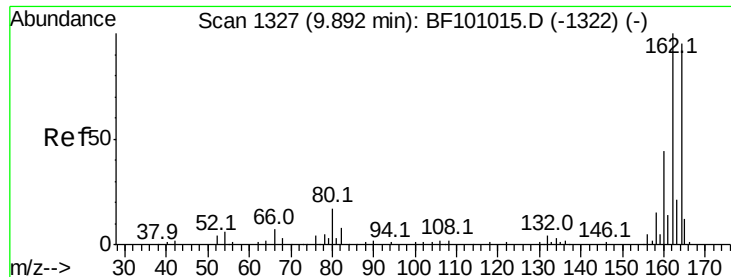


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

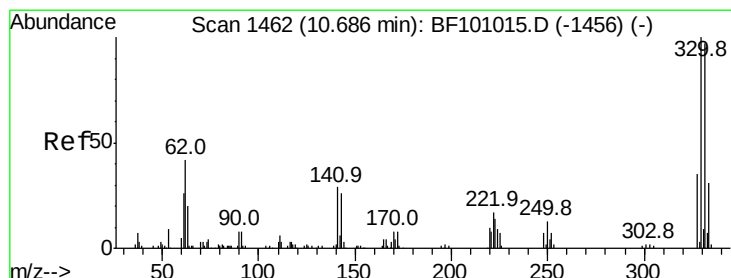
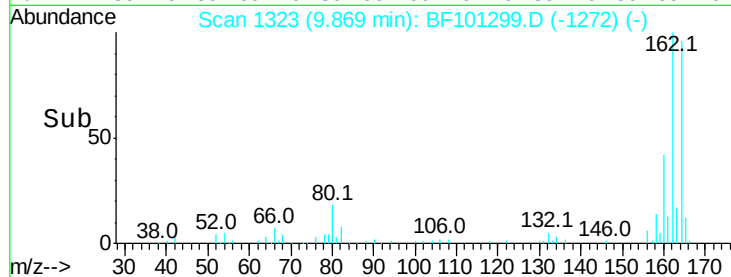
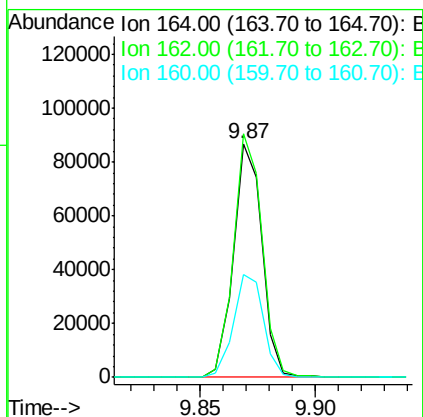
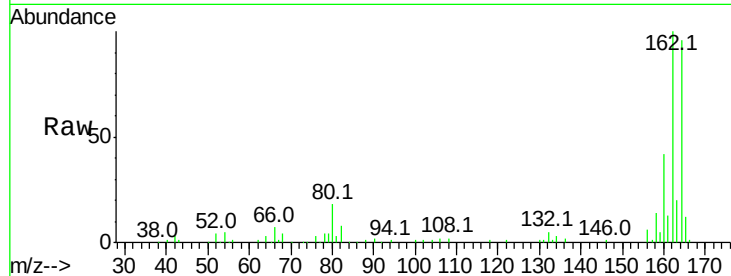




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: BF101299.D
 Acq: 11 Dec 2017 19:36

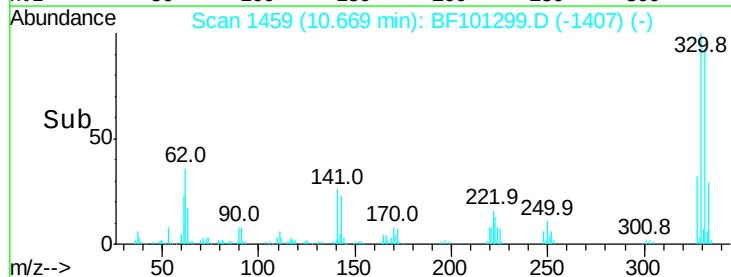
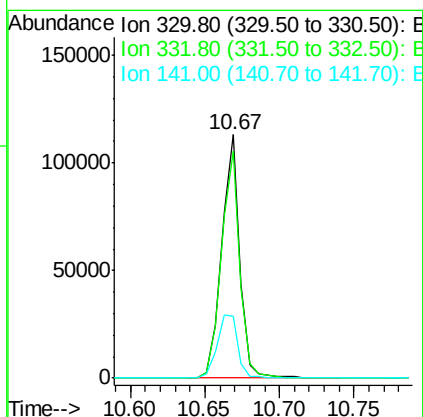
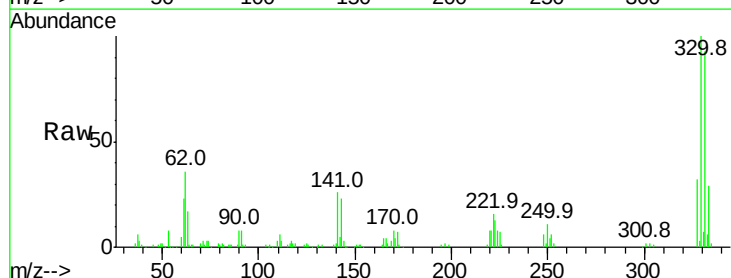
Instrument :
 BNA_F
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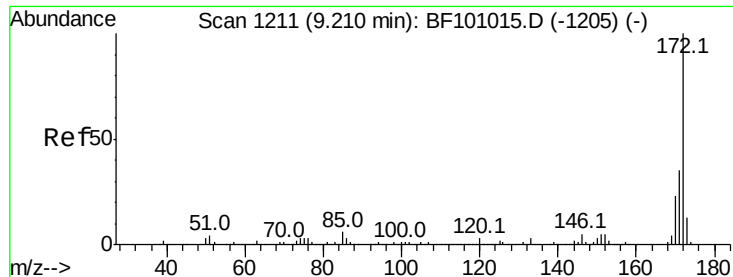
Tot Ion:164 Resp: 74889
 Ion Ratio Lower Upper
 164 100
 162 104.3 86.1 129.1
 160 44.1 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 107.430 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. 0.01 min
 Lab File: BF101299.D
 Acq: 11 Dec 2017 19:36

Tgt Ion:330 Resp: 96647
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 29.8 29.9 44.9#

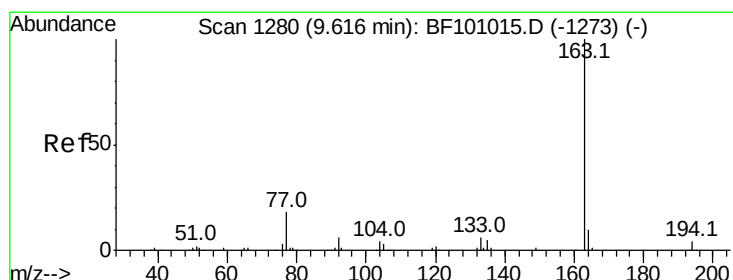
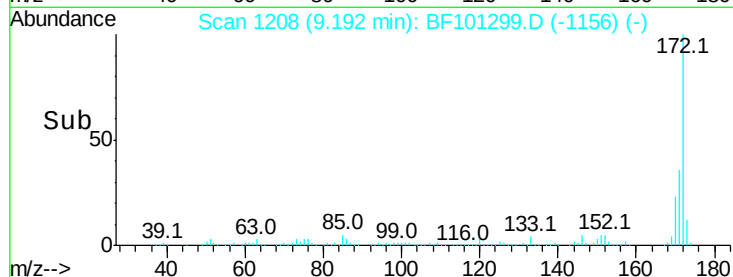
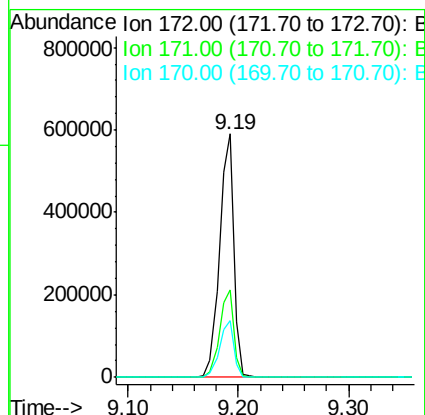
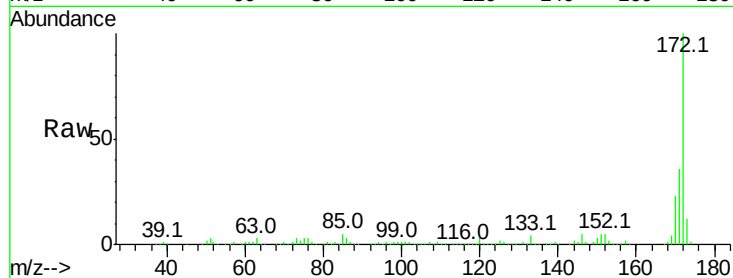




#44
2-Fluorobiphenyl
Concen: 96.459 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.01 min
Lab File: BF101299.D
Acq: 11 Dec 2017 19:36

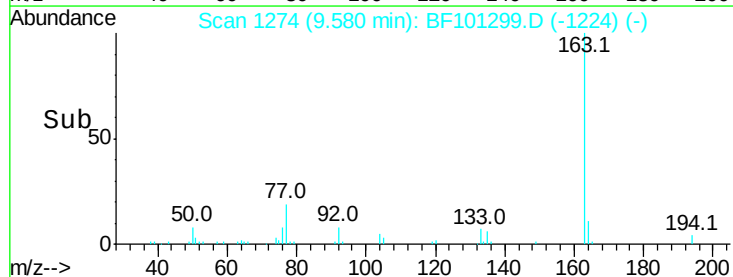
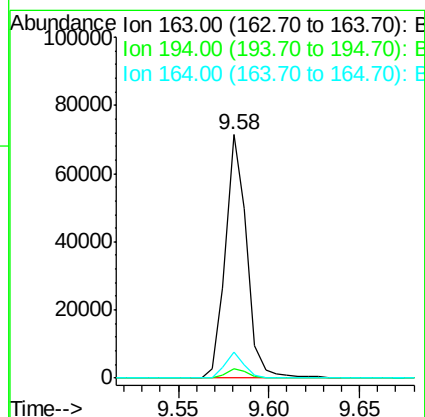
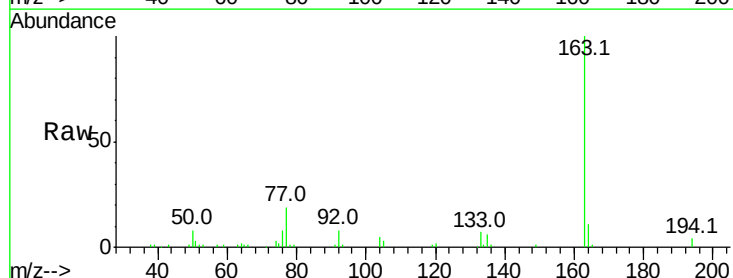
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BNA_F
ClientSampleId :

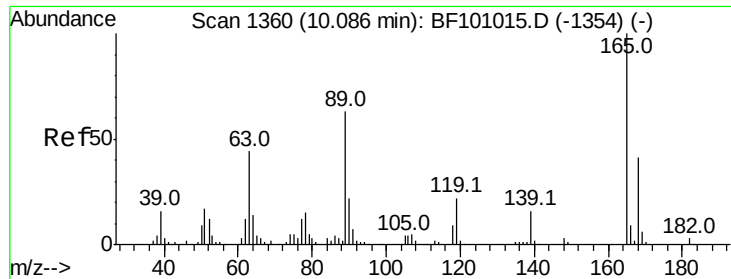
Tot Ion:172 Resp: 527973
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 23.4 19.6 29.4



#49
Dimethylphthalate
Concen: 9.641 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF101299.D
Acq: 11 Dec 2017 19:36

Tgt Ion:163 Resp: 58227
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.6 8.2 12.2

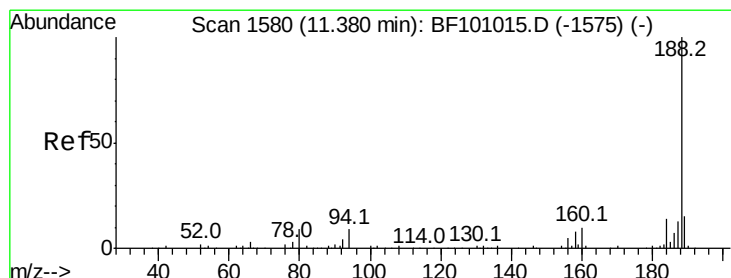
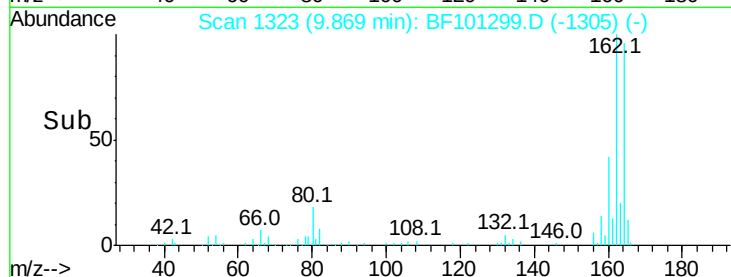
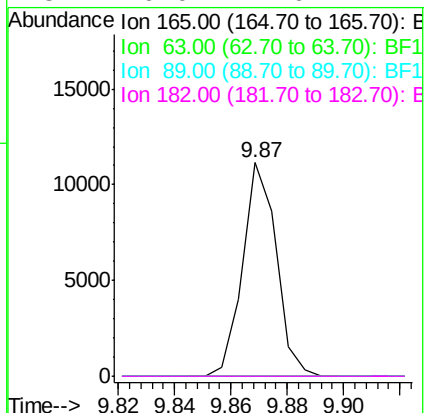
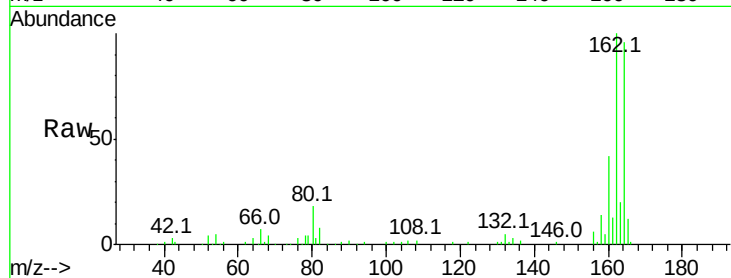




#56
 2,4-Dinitrotoluene
 Concen: 5.428 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.19 min
 Lab File: BF101299.D
 Acq: 11 Dec 2017 19:36

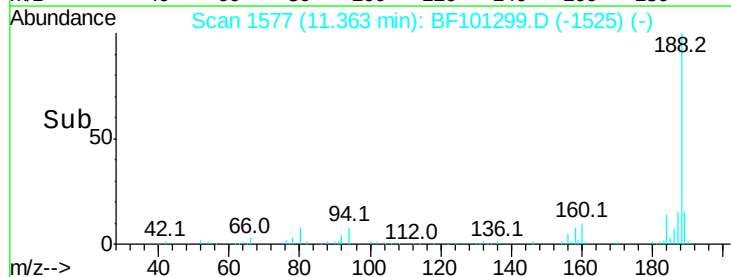
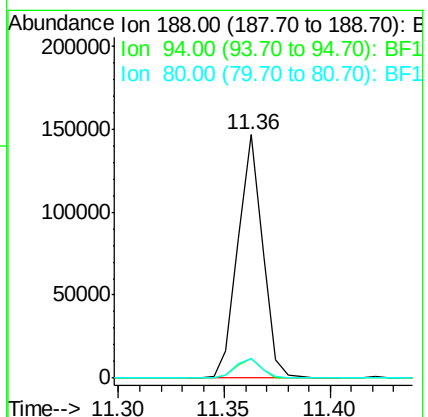
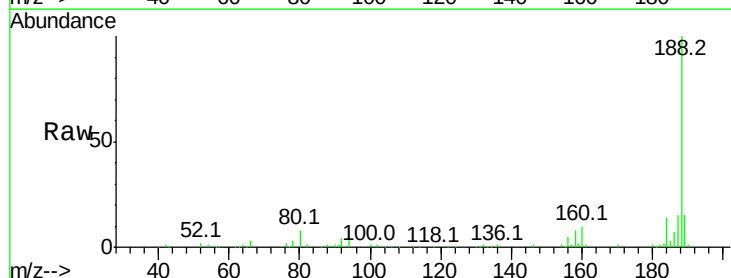
Instrument :
 BNA_F
 ClientSampleId :

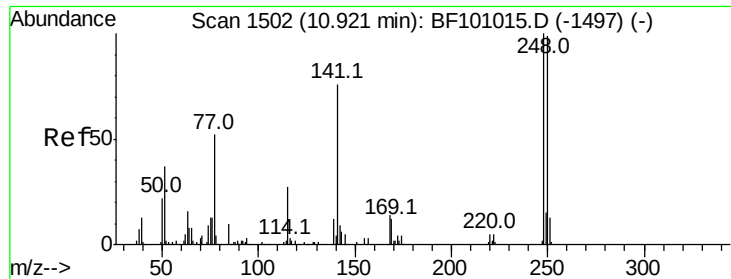
Tot Ion:165 Resp: 9254
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.4 54.6#
 89 0.0 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. 0.01 min
 Lab File: BF101299.D
 Acq: 11 Dec 2017 19:36

Tgt Ion:188 Resp: 118608
 Ion Ratio Lower Upper
 188 100
 94 8.0 8.5 12.7#
 80 8.3 9.2 13.8#

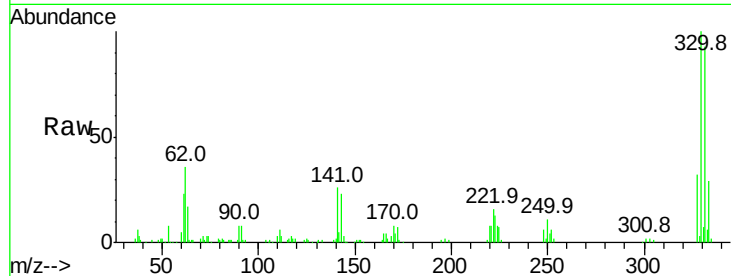




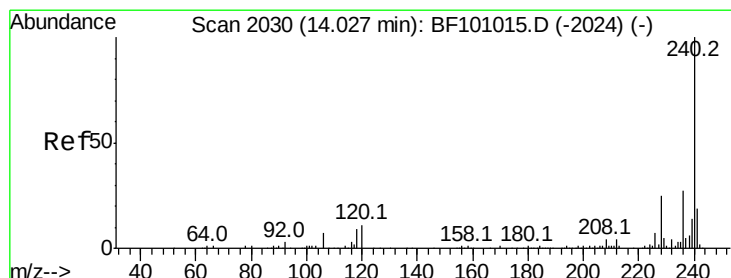
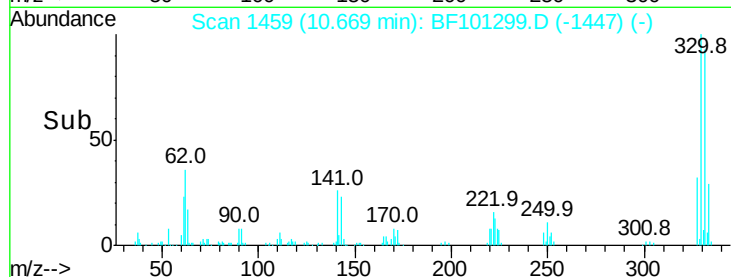
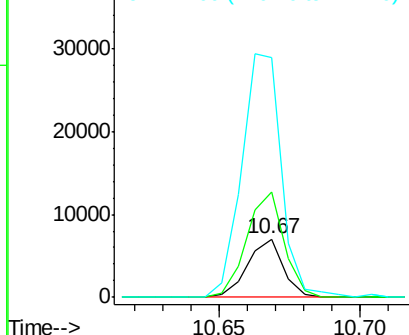
#66
 4-Bromophenyl-phenylether
 Concen: 4.668 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.23 min
 Lab File: BF101299.D
 Acq: 11 Dec 2017 19:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 6197
 Ion Ratio Lower Upper
 248 100
 250 180.1 76.9 115.3#
 141 410.6 74.4 111.6#

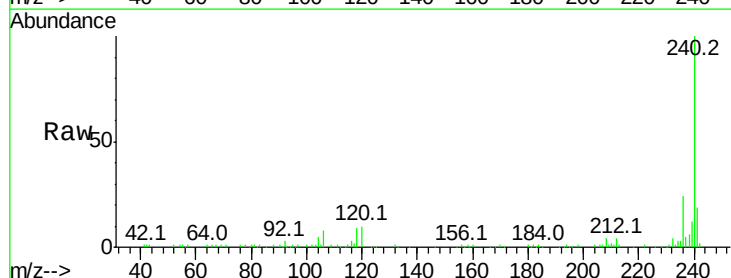


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

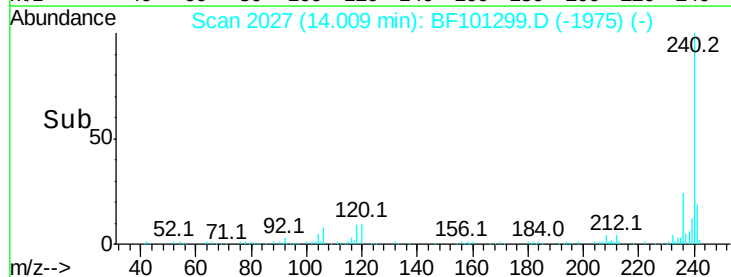
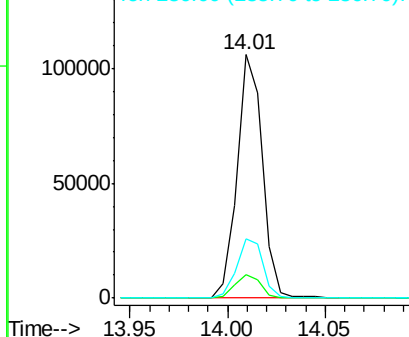


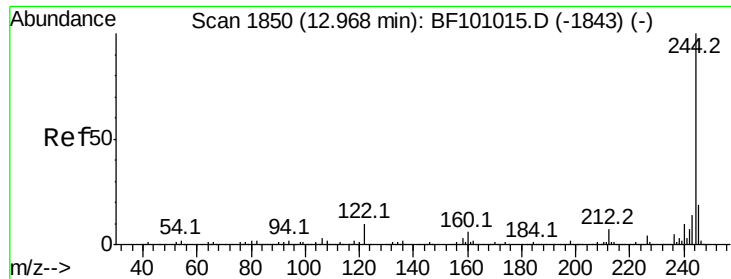
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.01 min
 Lab File: BF101299.D
 Acq: 11 Dec 2017 19:36

Tgt Ion:240 Resp: 95115
 Ion Ratio Lower Upper
 240 100
 120 9.9 9.5 14.3
 236 24.5 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

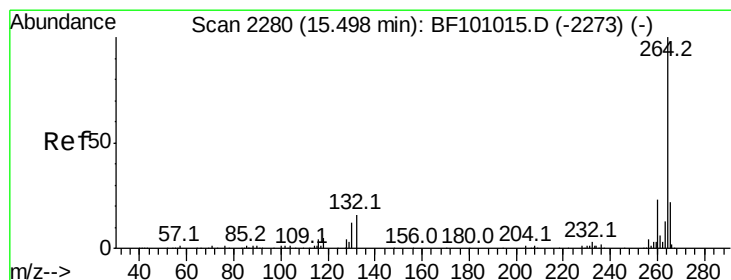
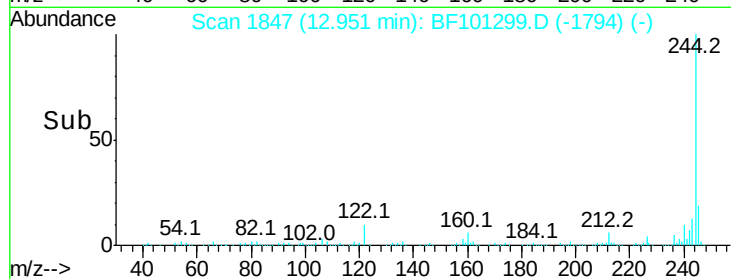
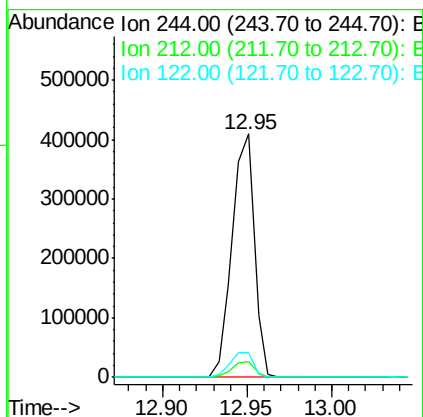
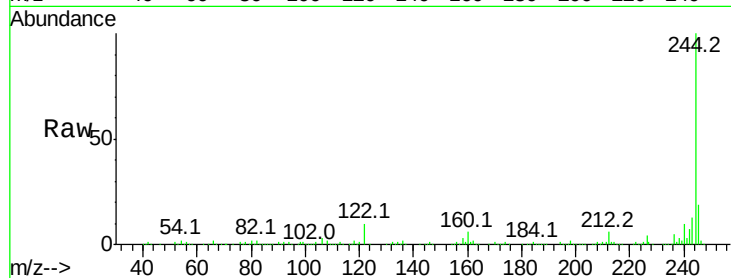




#78
 Terphenyl-d14
 Concen: 86.539 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. 0.01 min
 Lab File: BF101299.D
 Acq: 11 Dec 2017 19:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 376324
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 9.9 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: BF101299.D
 Acq: 11 Dec 2017 19:36

Tgt Ion:264 Resp: 81656
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 22.5 17.5 26.3

