

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120117\
 Data File : BF101079.D
 Acq On : 1 Dec 2017 22:26
 Operator : SJ/JU
 Sample : I6659-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRANSFORMER-1-2

Quant Time: Dec 02 00:36:26 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

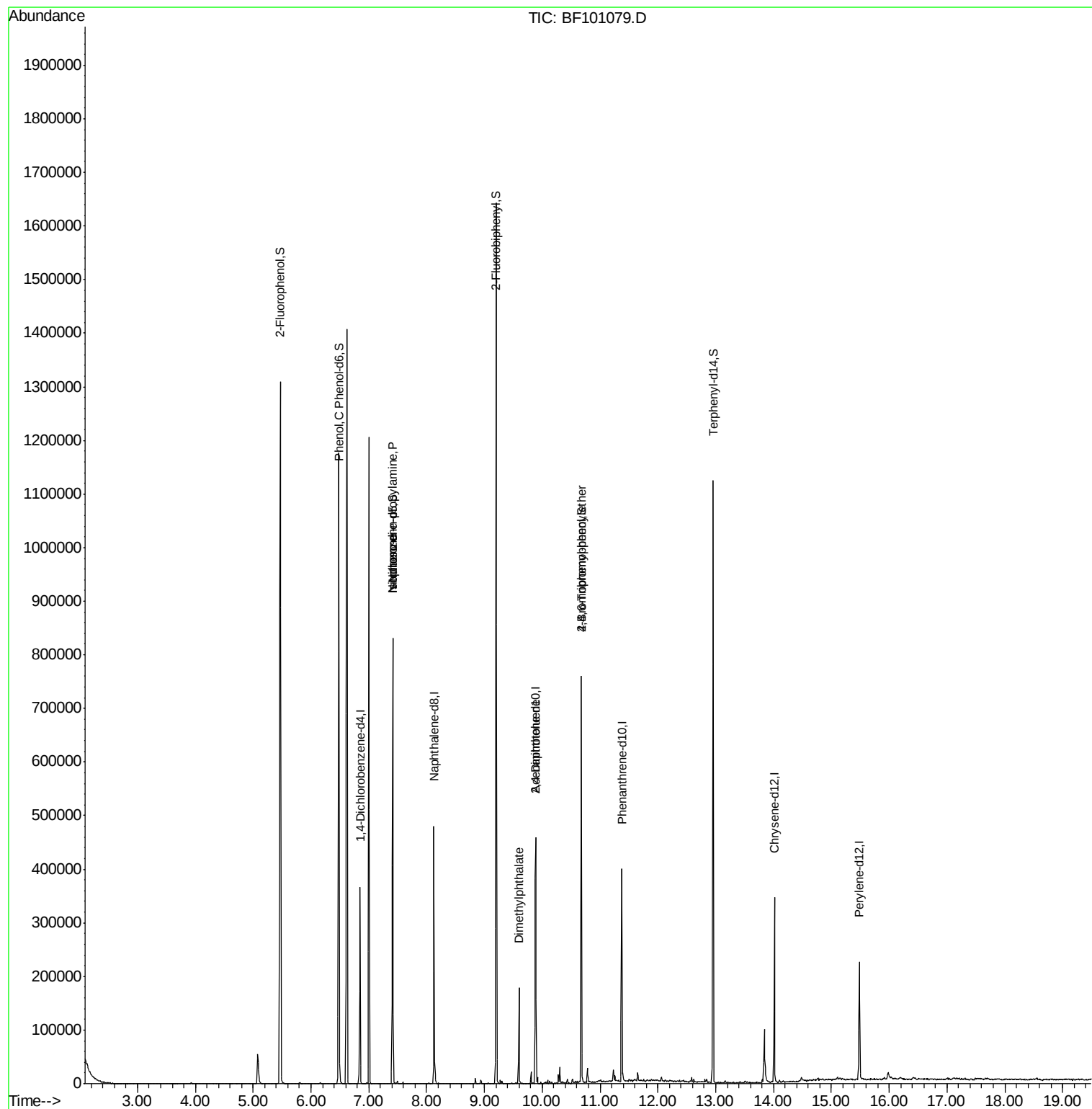
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	51355	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	197899	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	89503	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	146966	20.00	ng	0.00
75) Chrysene-d12	14.02	240	113197	20.00	ng	0.00
86) Perylene-d12	15.49	264	104490	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	378313	121.73	ng	0.00
7) Phenol-d6	6.48	99	460795	122.12	ng	0.00
23) Nitrobenzene-d5	7.42	82	276566	83.37	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	91983	85.55	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	494878	75.65	ng	0.00
78) Terphenyl-d14	12.96	244	361952	69.94	ng	0.00
Target Compounds						
10) Phenol	6.49	94	13630	3.249	ng	92
19) n-Nitroso-di-n-propylamine	7.42	70	36607	14.406	ng	# 77
25) Isophorone	7.42	82	276563	48.805	ng	# 64
49) Dimethylphthalate	9.60	163	75550	10.467	ng	98
56) 2,4-Dinitrotoluene	9.89	165	11107	5.451	ng	# 21
66) 4-Bromophenyl-phenylether	10.67	248	5904	3.589	ng	# 1

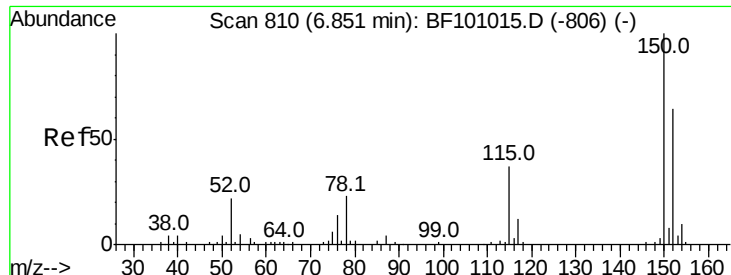
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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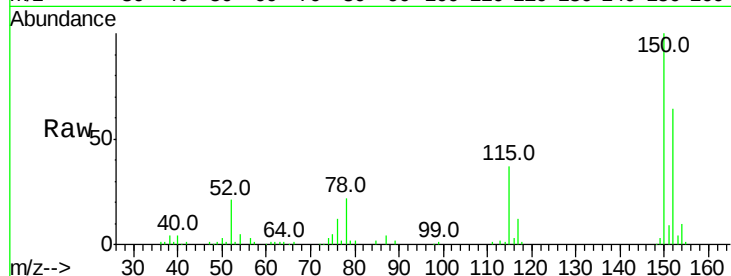


#1

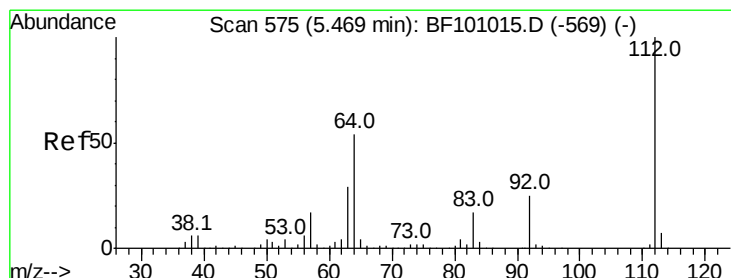
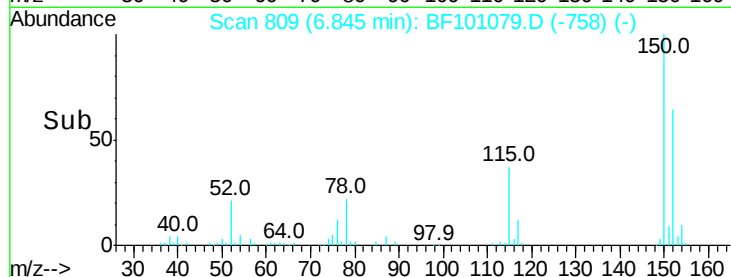
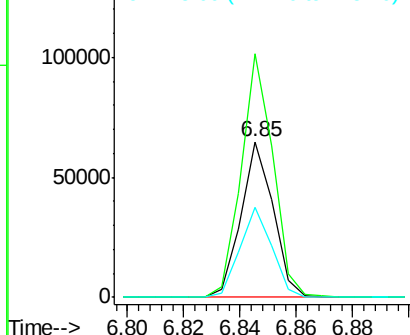
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101079.D
Acq: 1 Dec 2017 22:26

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-1-2

Tot Ion:152 Resp: 51355
Ion Ratio Lower Upper
152 100
150 156.3 124.6 186.8
115 58.2 50.1 75.1



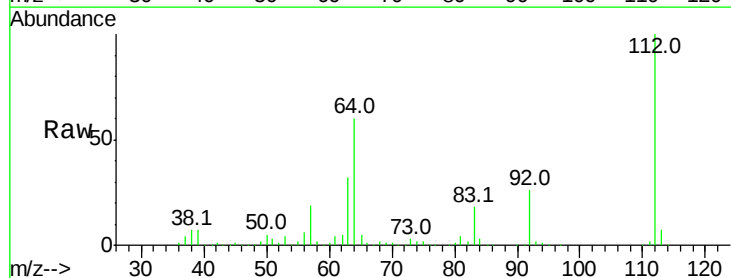
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



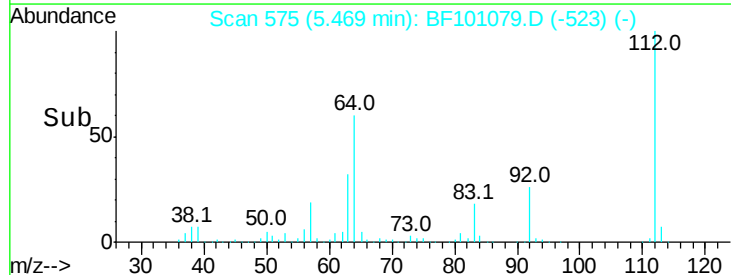
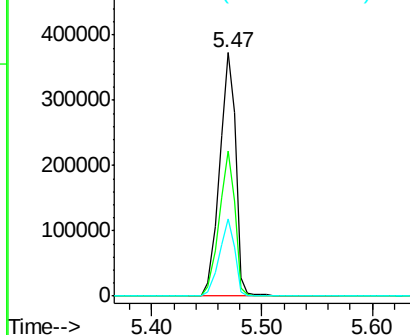
#5

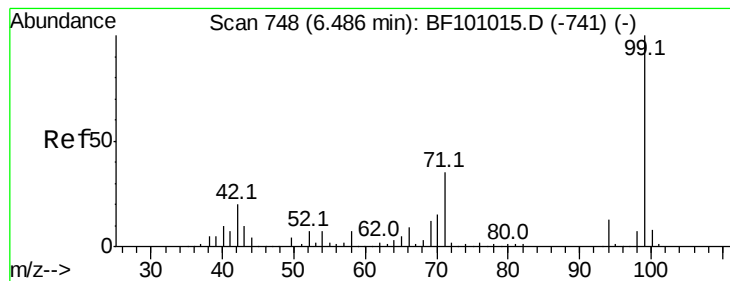
2-Fluorophenol
Concen: 121.729 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF101079.D
Acq: 1 Dec 2017 22:26

Tgt Ion:112 Resp: 378313
Ion Ratio Lower Upper
112 100
64 59.7 47.9 71.9
63 31.8 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: 122.123 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF101079.D

Acq: 1 Dec 2017 22:26

Instrument :

BNA_F

ClientSampleId :

TRANSFORMER-1-2

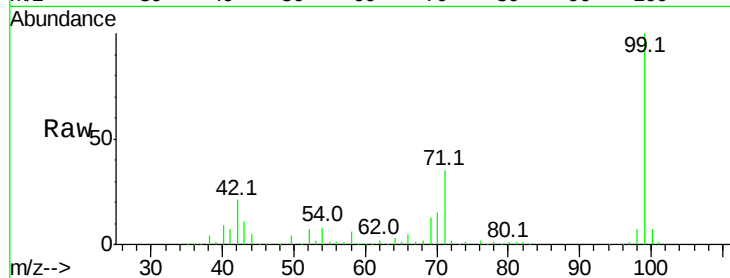
Tot Ion: 99 Resp: 460795

Ion Ratio Lower Upper

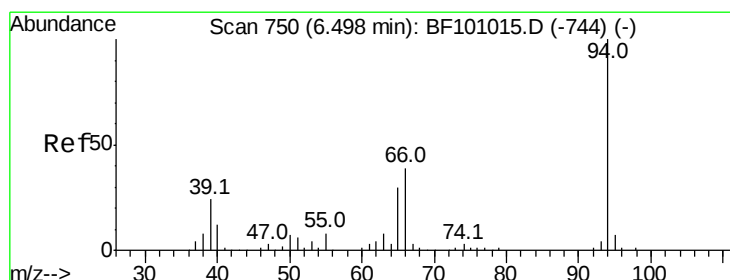
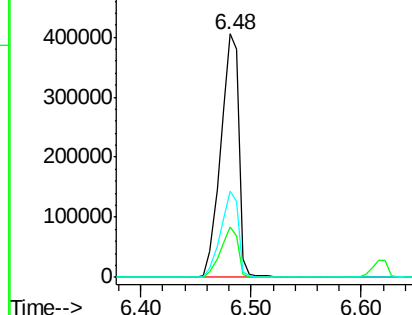
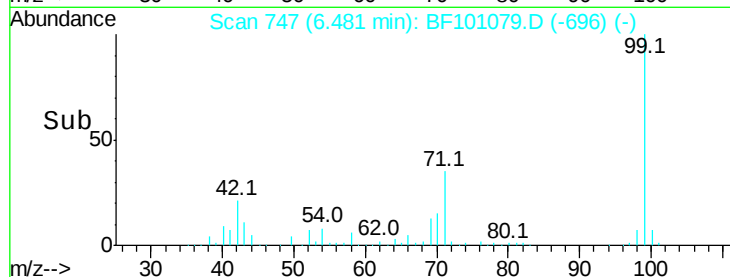
99 100

42 20.6 14.5 21.7

71 35.1 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: 3.249 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF101079.D

Acq: 1 Dec 2017 22:26

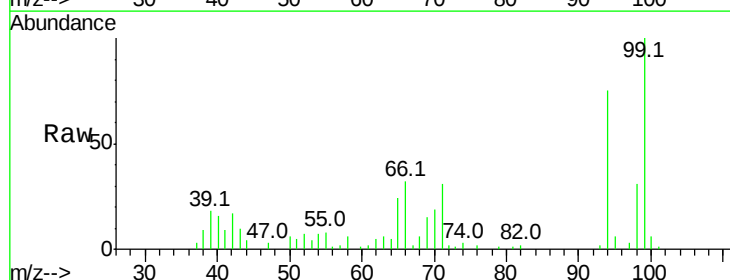
Tgt Ion: 94 Resp: 13630

Ion Ratio Lower Upper

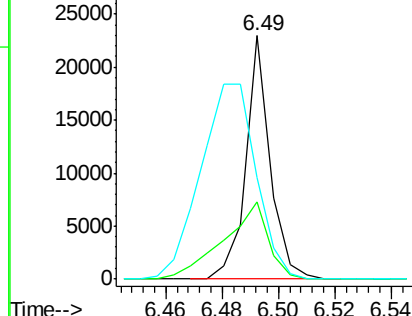
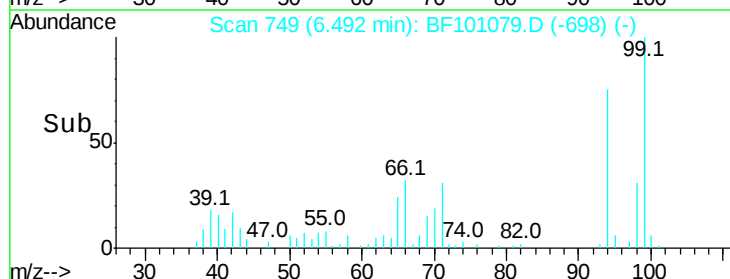
94 100

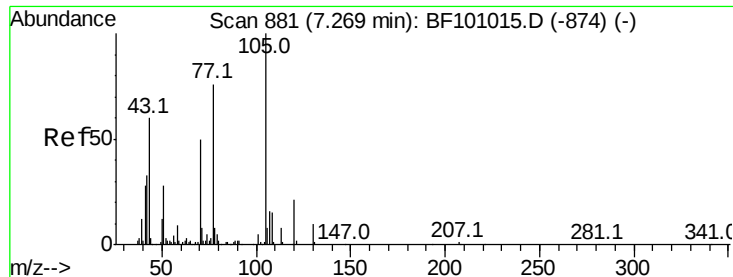
65 31.5 7.9 47.9

66 41.8 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: 14.406 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.15 min

Lab File: BF101079.D

Acq: 1 Dec 2017 22:26

Instrument :

BNA_F

ClientSampleId :

TRANSFORMER-1-2

Tot Ion: 70 Resp: 36607

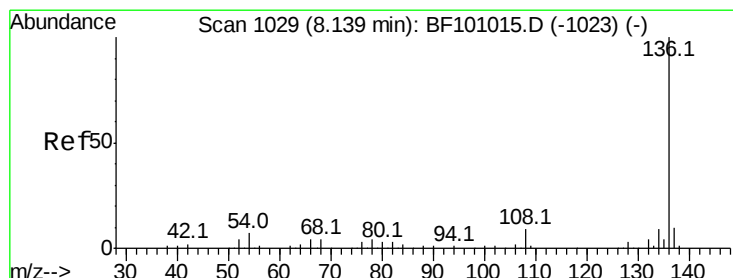
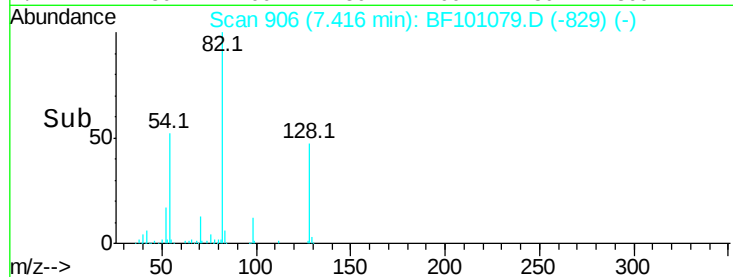
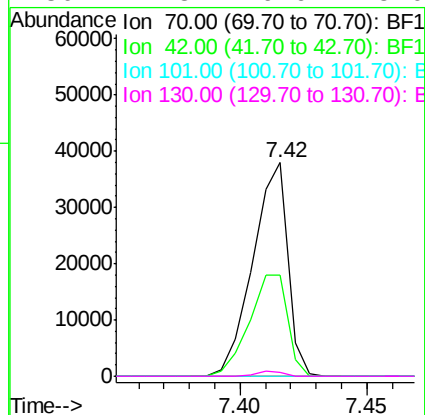
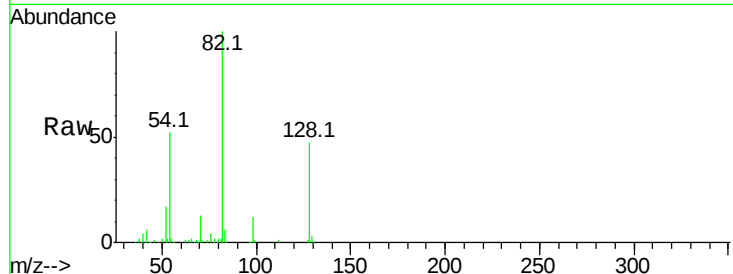
Ion Ratio Lower Upper

70 100

42 47.4 47.5 71.3#

101 0.0 7.4 11.2#

130 1.8 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: BF101079.D

Acq: 1 Dec 2017 22:26

Tgt Ion:136 Resp: 197899

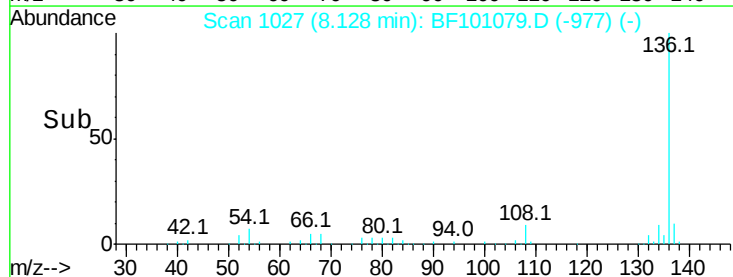
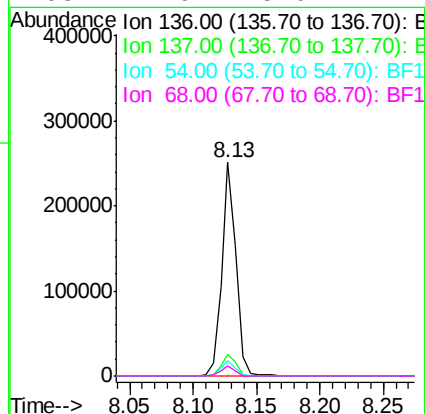
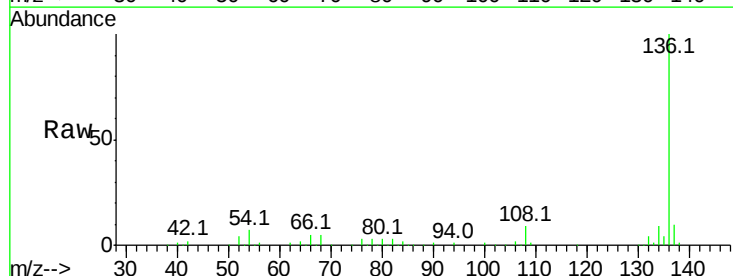
Ion Ratio Lower Upper

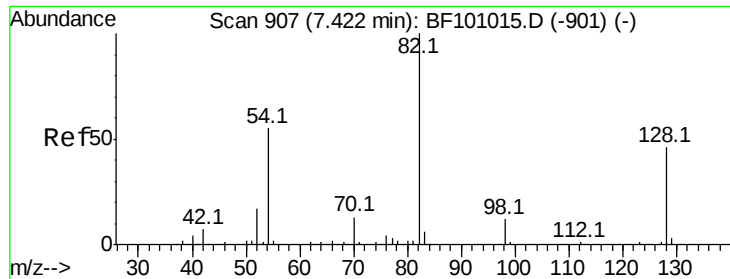
136 100

137 10.5 8.9 13.3

54 7.4 6.6 9.8

68 4.6 5.0 7.4#

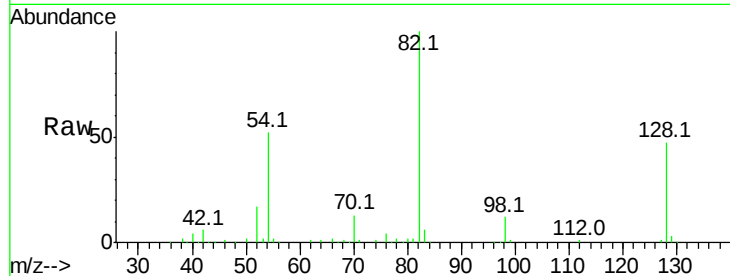




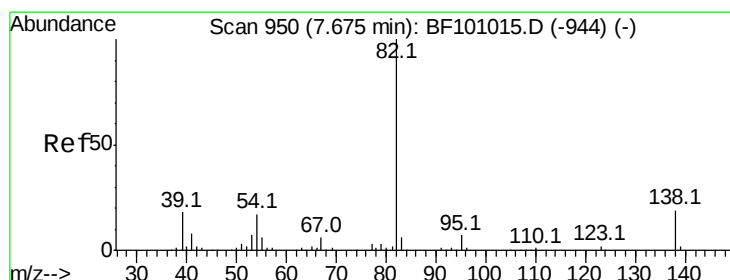
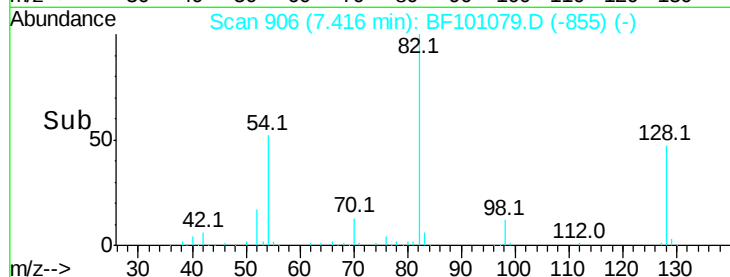
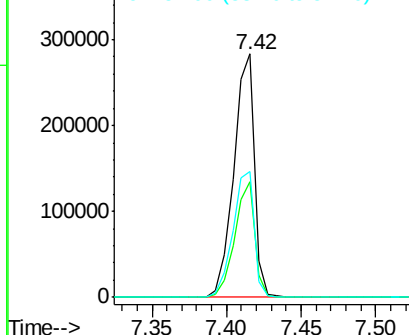
#23
Nitrobenzene-d5
Concen: 83.366 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF101079.D
Acq: 1 Dec 2017 22:26

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-1-2

Tot Ion	82	Resp	276566
Ion Ratio	Lower	Upper	
82	100		
128	47.3	36.1	54.1
54	51.5	41.4	62.2

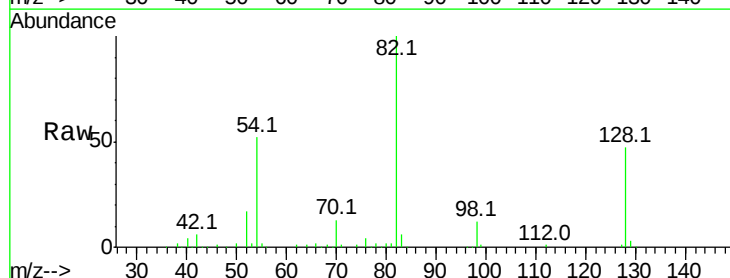


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

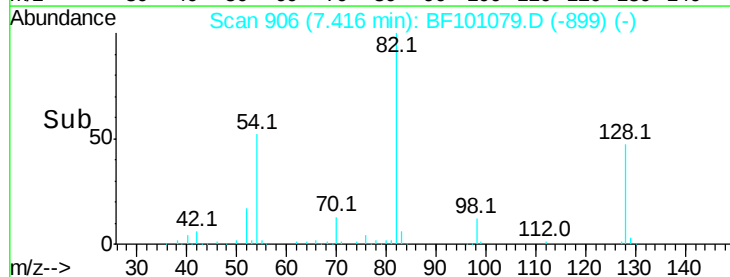
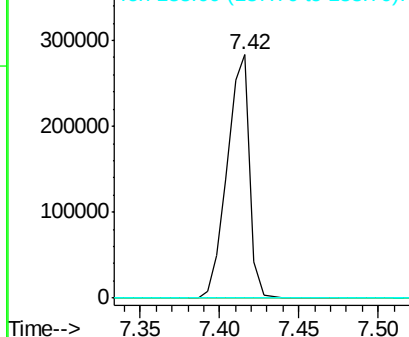


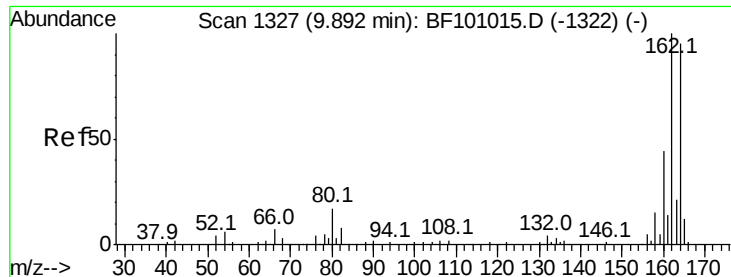
#25
Isophorone
Concen: 48.805 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF101079.D
Acq: 1 Dec 2017 22:26

Tgt Ion	82	Resp	276563
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

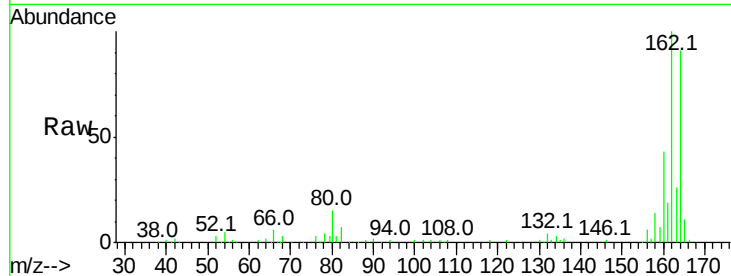




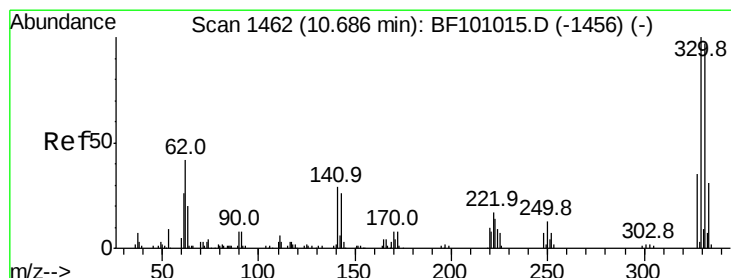
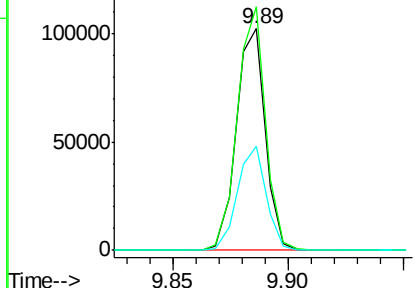
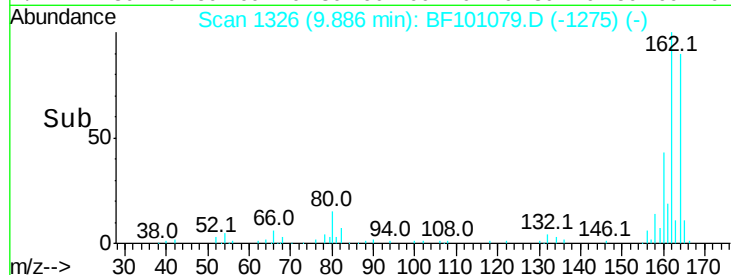
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF101079.D
 Acq: 1 Dec 2017 22:26

Instrument :
 BNA_F
 ClientSampleId :
 TRANSFORMER-1-2

Tot Ion:164 Resp: 89503
 Ion Ratio Lower Upper
 164 100
 162 109.8 86.1 129.1
 160 46.7 38.3 57.5

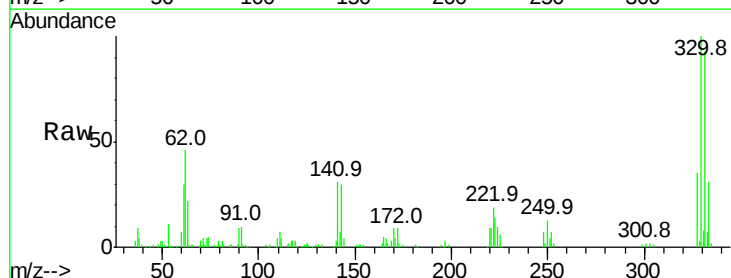


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

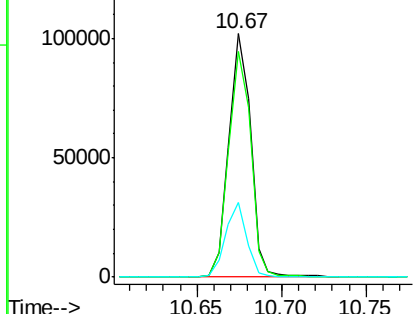
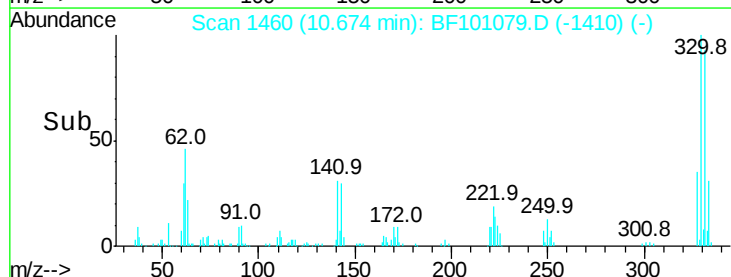


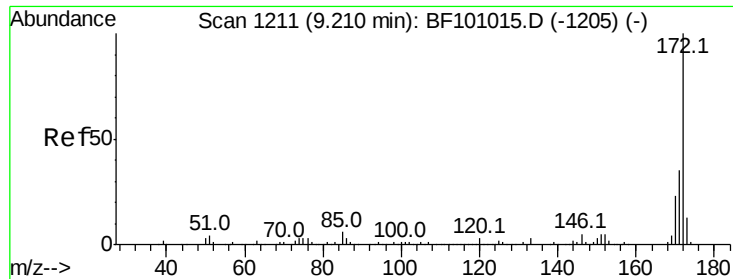
#41
 2,4,6-Tribromophenol
 Concen: 85.551 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF101079.D
 Acq: 1 Dec 2017 22:26

Tgt Ion:330 Resp: 91983
 Ion Ratio Lower Upper
 330 100
 332 94.1 77.0 115.6
 141 29.4 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

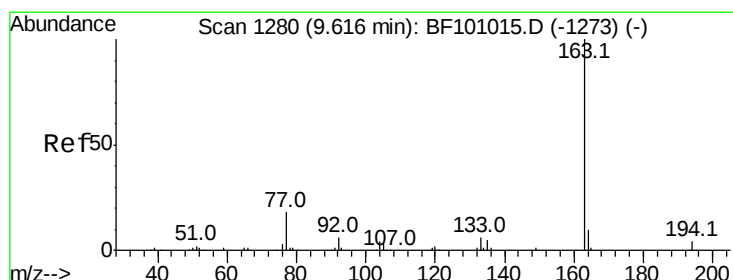
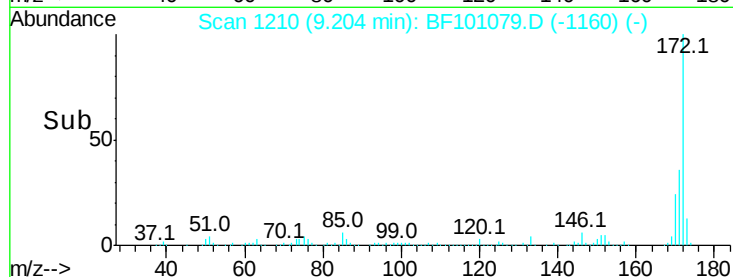
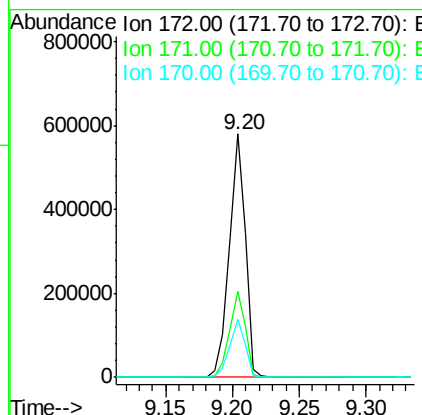
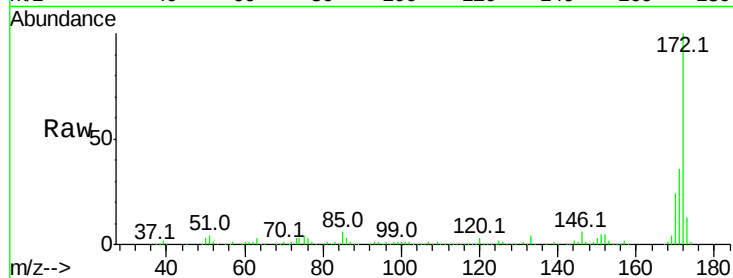




#44
 2-Fluorobiphenyl
 Concen: 75.650 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF101079.D
 Acq: 1 Dec 2017 22:26

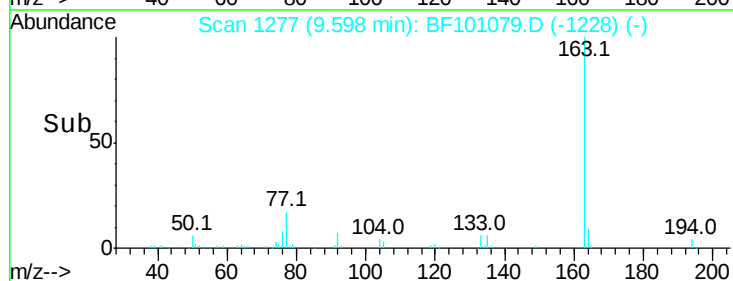
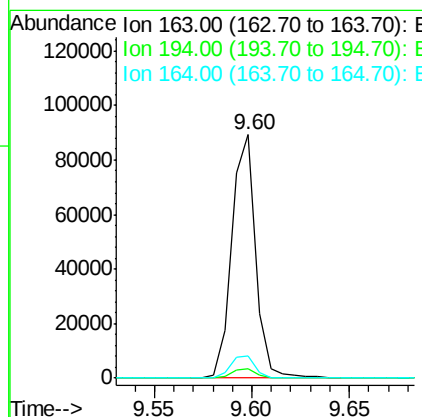
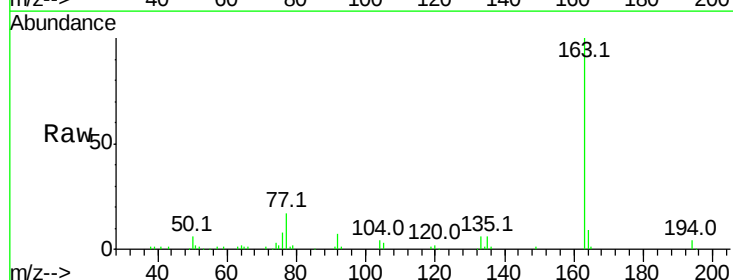
Instrument :
 BNA_F
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 TRANSFORMER-1-2

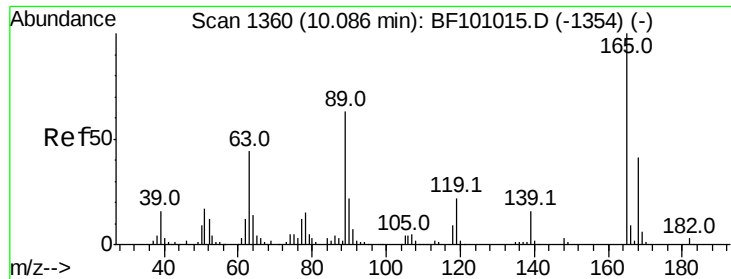
Tot Ion:	172	Resp:	494878
Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	24.0	19.6	29.4



#49
 Dimethylphthalate
 Concen: 10.467 ng
 RT: 9.60 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BF101079.D
 Acq: 1 Dec 2017 22:26

Tgt Ion:	163	Resp:	75550
Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	9.2	8.2	12.2

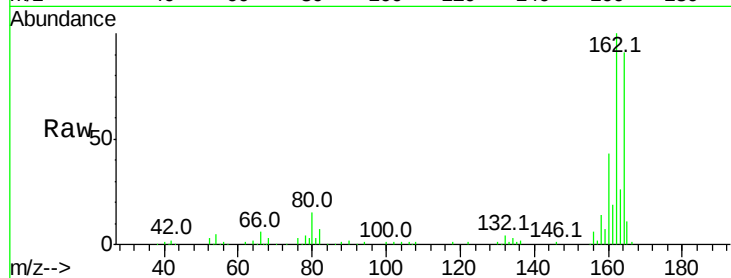




#56
 2,4-Dinitrotoluene
 Concen: 5.451 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.19 min
 Lab File: BF101079.D
 Acq: 1 Dec 2017 22:26

Instrument :
 BNA_F
 ClientSampleId :
 TRANSFORMER-1-2

Tot Ion:165	Resp:	11107
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#

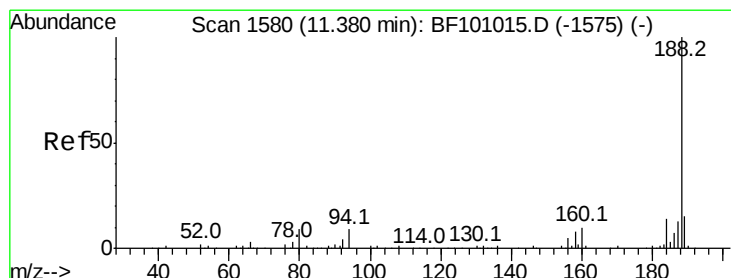
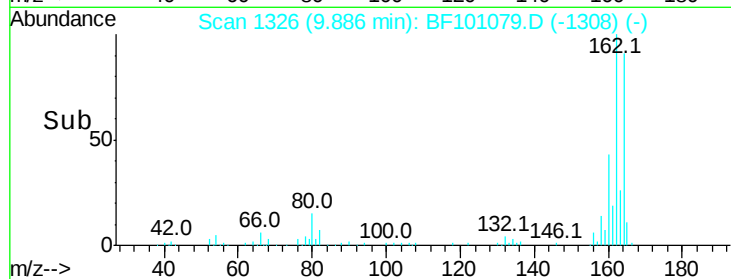
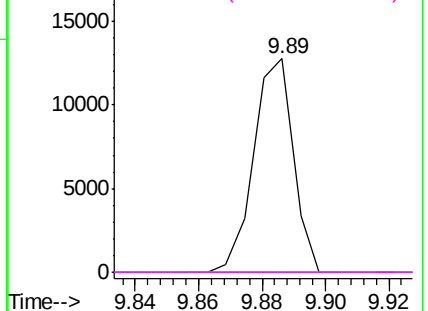


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

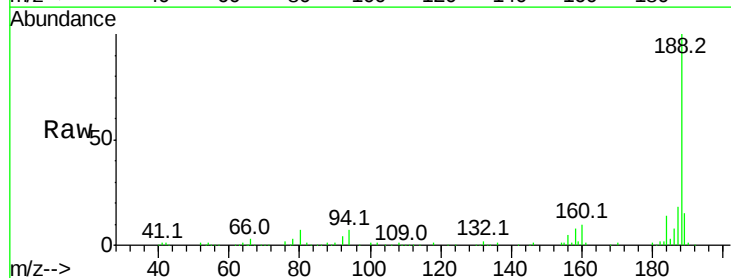
Ion 89.00 (88.70 to 89.70): BF1

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: BF101079.D
 Acq: 1 Dec 2017 22:26

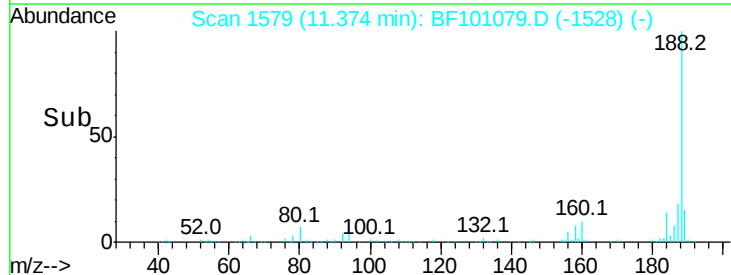
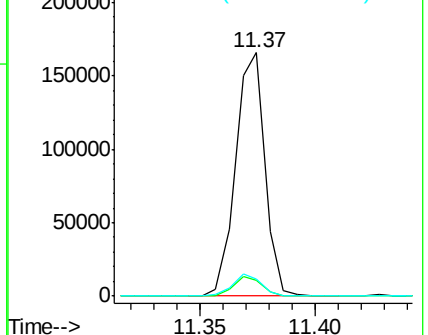
Tgt Ion:188	Resp:	146966
Ion Ratio	Lower	Upper
188	100	
94	6.5	8.5 12.7#
80	7.2	9.2 13.8#

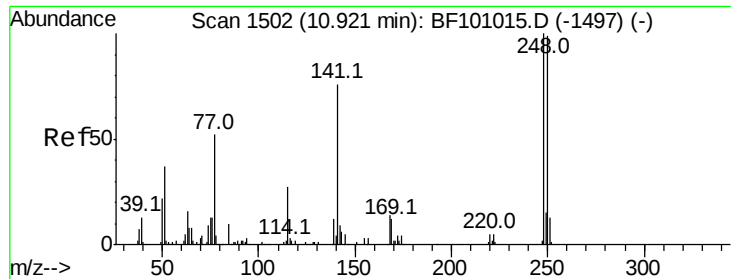


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

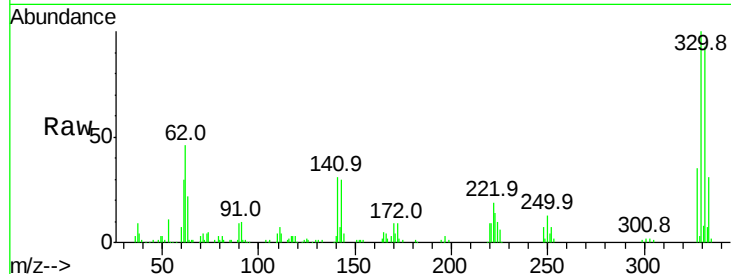




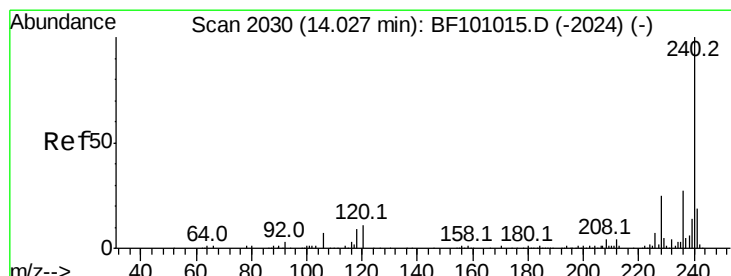
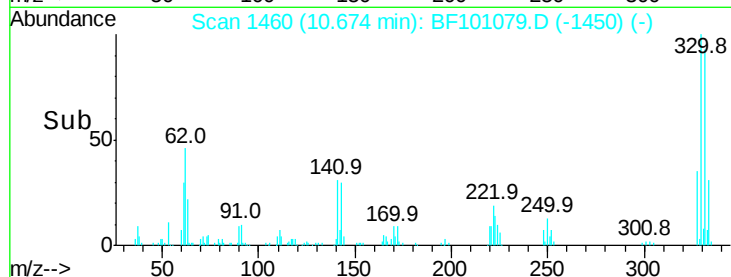
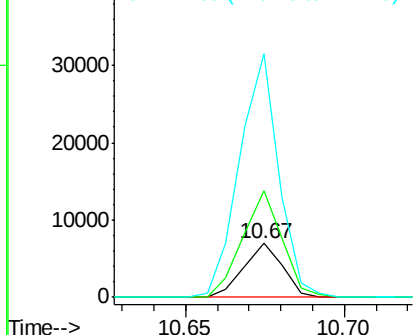
#66
 4-Bromophenyl-phenylether
 Concen: 3.589 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.24 min
 Lab File: BF101079.D
 Acq: 1 Dec 2017 22:26

Instrument :
 BNA_F
 ClientSampleId :
 TRANSFORMER-1-2

Tot Ion:248 Resp: 5904
 Ion Ratio Lower Upper
 248 100
 250 197.6 76.9 115.3#
 141 453.8 74.4 111.6#

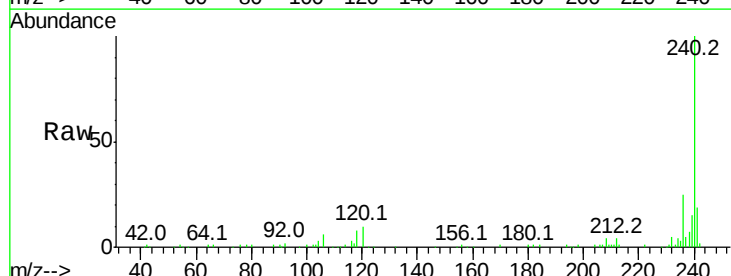


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

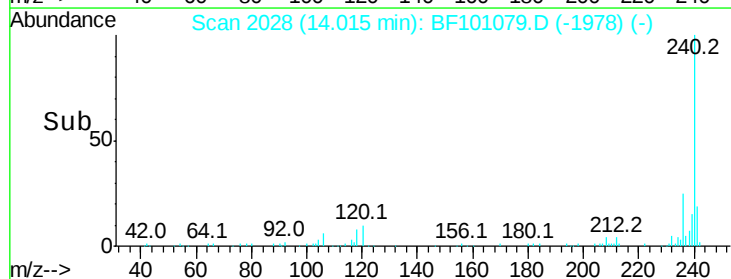
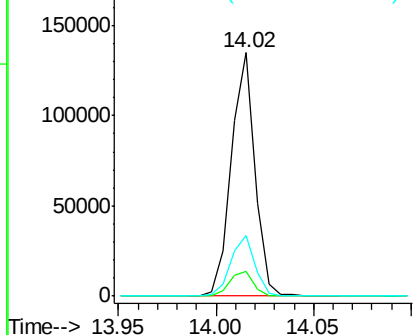


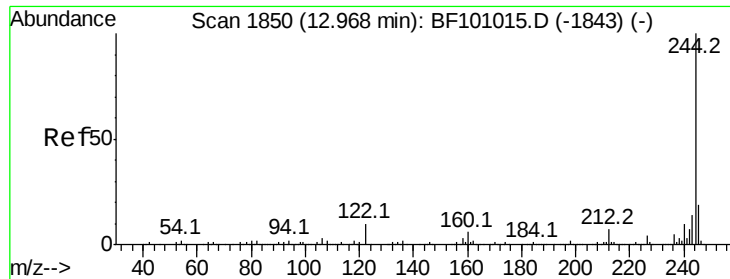
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF101079.D
 Acq: 1 Dec 2017 22:26

Tgt Ion:240 Resp: 113197
 Ion Ratio Lower Upper
 240 100
 120 10.0 9.5 14.3
 236 25.1 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: 69.939 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF101079.D

Acq: 1 Dec 2017 22:26

Instrument :

BNA_F

ClientSampleId :

TRANSFORMER-1-2

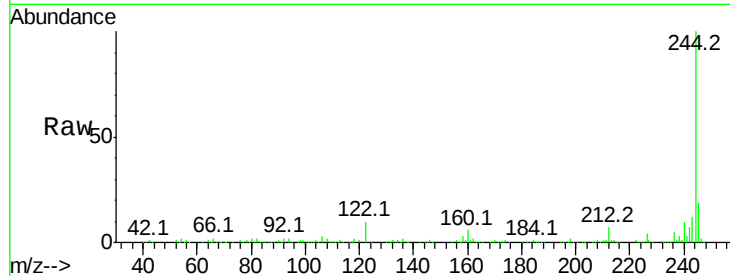
Tot Ion:244 Resp: 361952

Ion Ratio Lower Upper

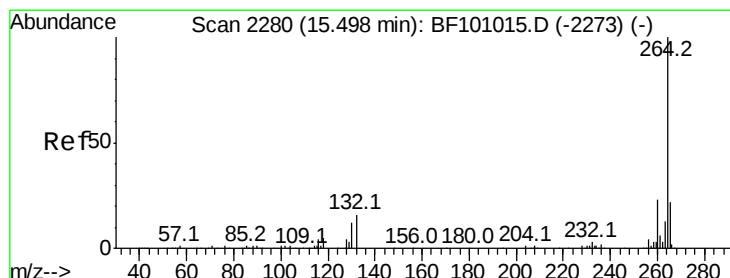
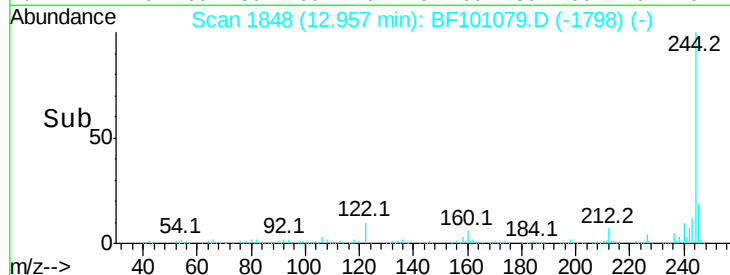
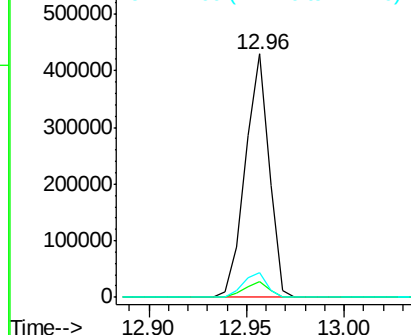
244 100

212 6.6 5.4 8.0

122 10.3 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# 2278

Delta R.T. -0.01 min

Lab File: BF101079.D

Acq: 1 Dec 2017 22:26

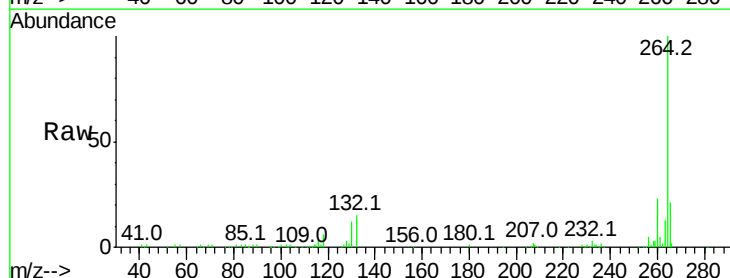
Tgt Ion:264 Resp: 104490

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 20.9 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

