

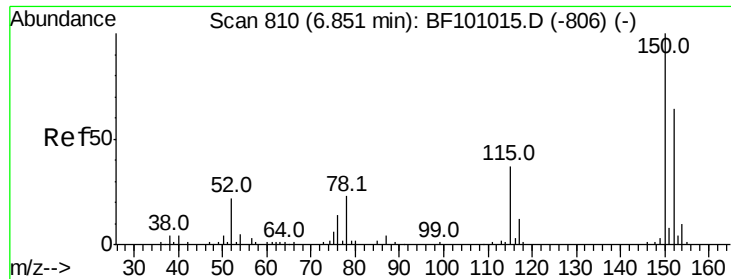
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121217\
 Data File : BF101330.D
 Acq On : 12 Dec 2017 15:27
 Operator : SJ/JU
 Sample : I6686-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 13 01:09:13 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	6.82	152	47803	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	191191	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	93831	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	188134	20.00	ng	0.00
75) Chrysene-d12	14.00	240	141302	20.00	ng	0.00
86) Perylene-d12	15.47	264	116383	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	328569	113.58	ng	0.00
7) Phenol-d6	6.46	99	397073	113.05	ng	0.00
23) Nitrobenzene-d5	7.39	82	248768	77.62	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	121763	108.02	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	490165	71.47	ng	0.00
78) Terphenyl-d14	12.94	244	503551	77.95	ng	0.00
Target Compounds						
9) Benzaldehyde	6.59	77	7022	3.267	ng	89
10) Phenol	6.47	94	12795	3.276	ng	# 62
19) n-Nitroso-di-n-propylamine	7.39	70	33014	13.957	ng	# 78
25) Isophorone	7.39	82	248765	45.440	ng	# 64
49) Dimethylphthalate	9.57	163	63221	8.355	ng	100
56) 2,4-Dinitrotoluene	9.86	165	11854	5.550	ng	# 21
66) 4-Bromophenyl-phenylether	10.66	248	7683	3.648	ng	# 1

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

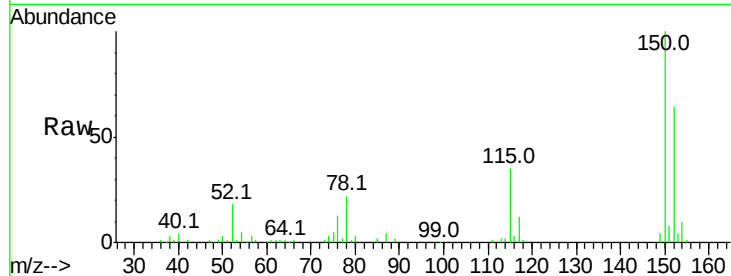


#1

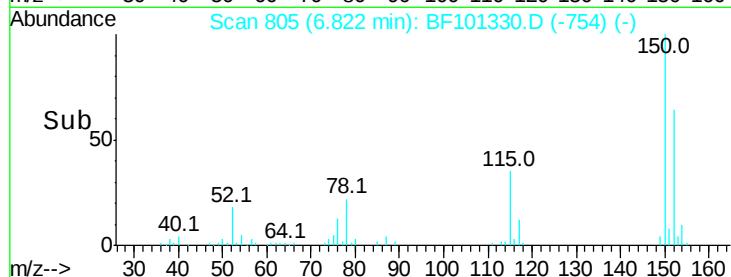
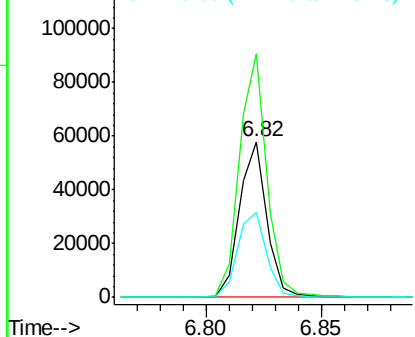
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF101330.D
Acq: 12 Dec 2017 15:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 47803
Ion Ratio Lower Upper
152 100
150 156.4 124.6 186.8
115 54.6 50.1 75.1



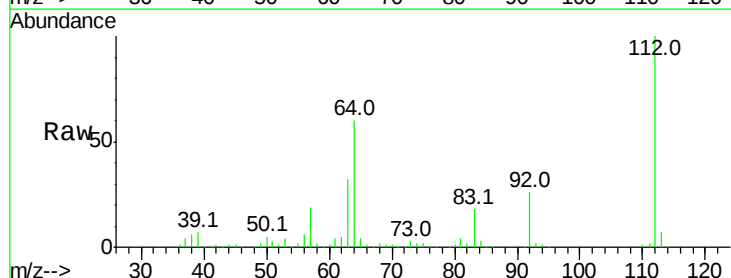
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



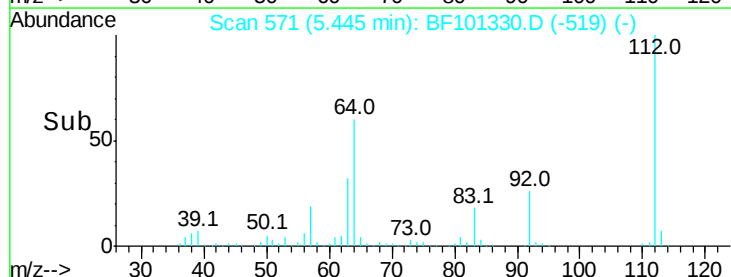
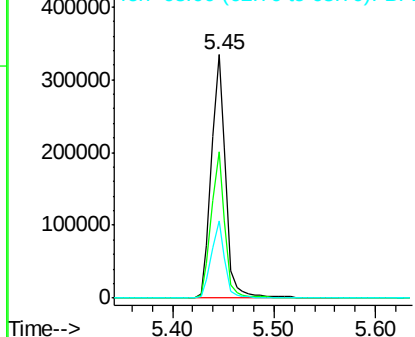
#5

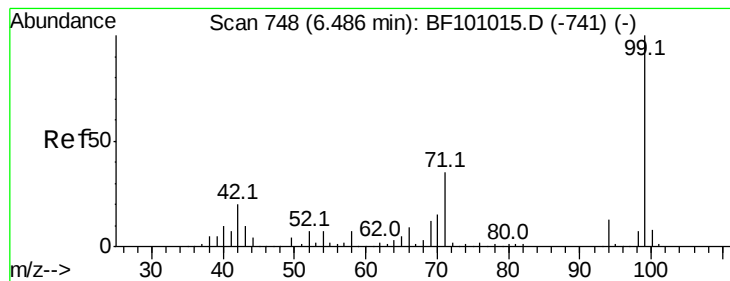
2-Fluorophenol
Concen: 113.579 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF101330.D
Acq: 12 Dec 2017 15:27

Tgt Ion:112 Resp: 328569
Ion Ratio Lower Upper
112 100
64 59.9 47.9 71.9
63 31.5 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: 113.055 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF101330.D

Acq: 12 Dec 2017 15:27

Instrument :

BNA_F

ClientSampleId :

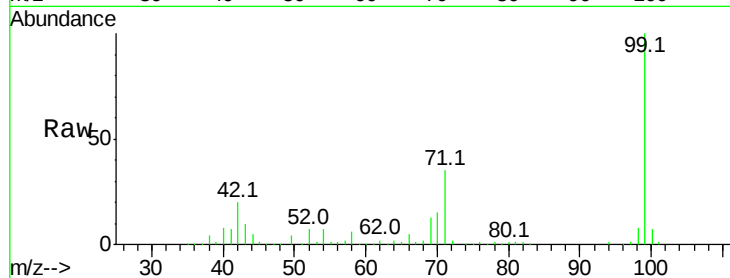
Tot Ion: 99 Resp: 397073

Ion Ratio Lower Upper

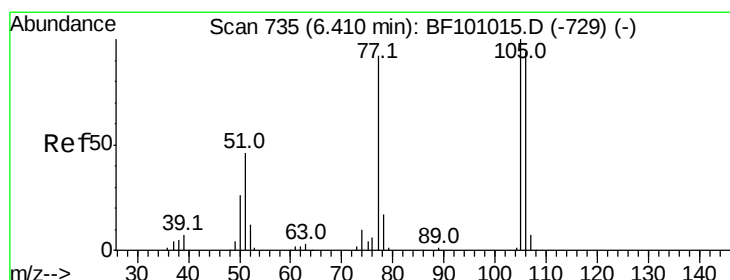
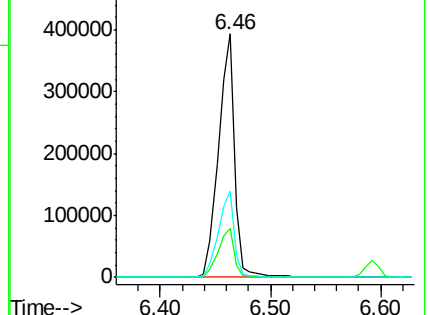
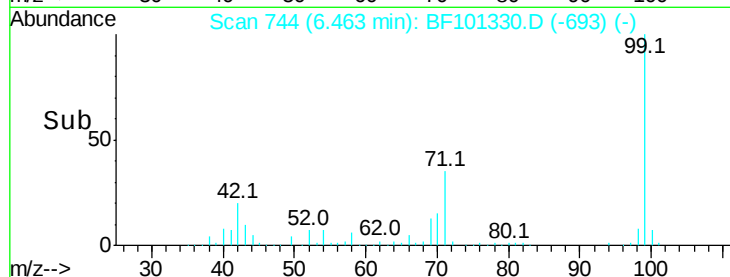
99 100

42 20.2 14.5 21.7

71 35.2 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



#9

Benzaldehyde

Concen: 3.267 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.21 min

Lab File: BF101330.D

Acq: 12 Dec 2017 15:27

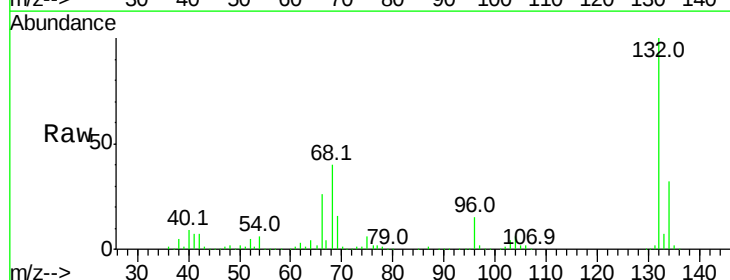
Tgt Ion: 77 Resp: 7022

Ion Ratio Lower Upper

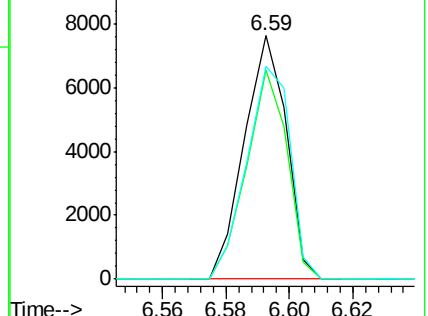
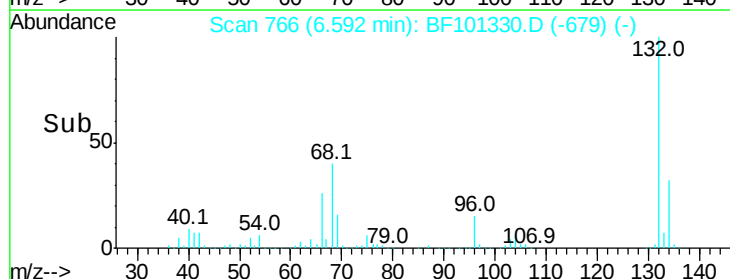
77 100

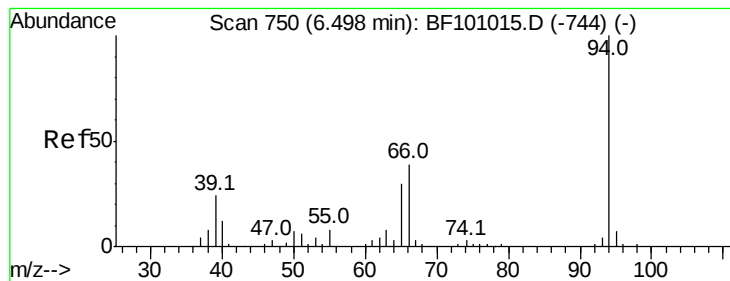
105 85.9 81.1 121.1

106 87.2 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 3.276 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF101330.D

Acq: 12 Dec 2017 15:27

Instrument :

BNA_F

ClientSampled :

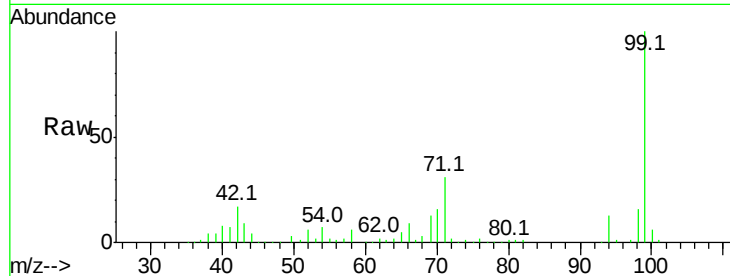
Tot Ion: 94 Resp: 12795

Ion Ratio Lower Upper

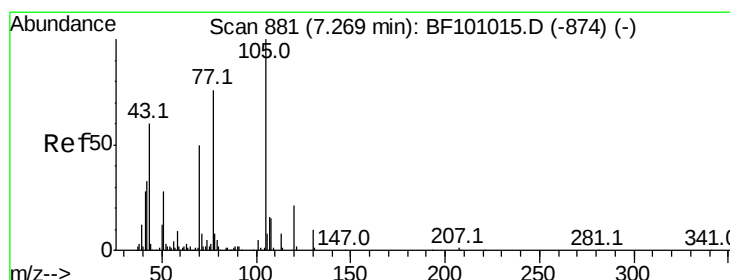
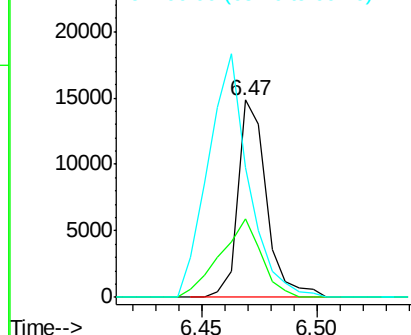
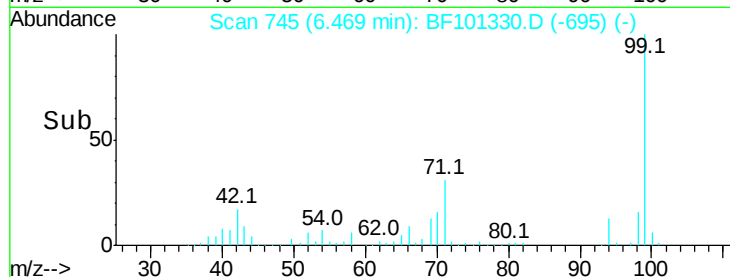
94 100

65 39.7 7.9 47.9

66 65.9 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: 13.957 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.15 min

Lab File: BF101330.D

Acq: 12 Dec 2017 15:27

Tgt Ion: 70 Resp: 33014

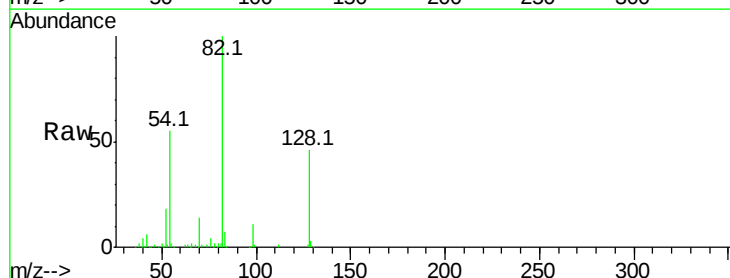
Ion Ratio Lower Upper

70 100

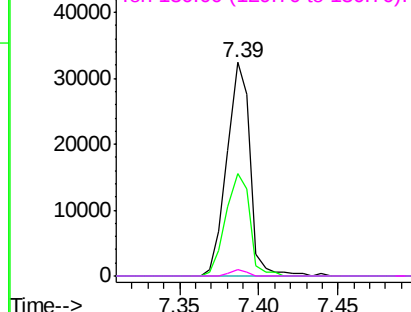
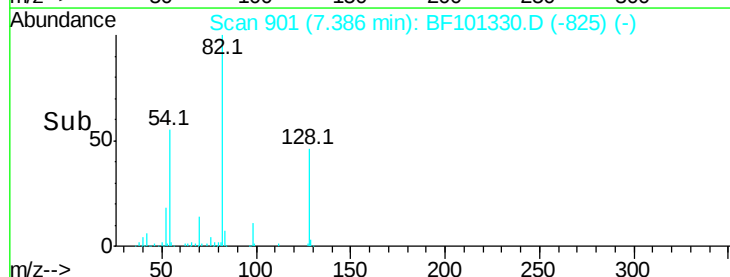
42 47.7 47.5 71.3

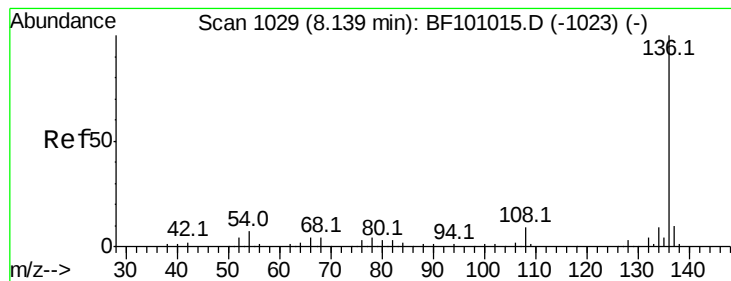
101 0.0 7.4 11.2#

130 2.8 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF101330.D

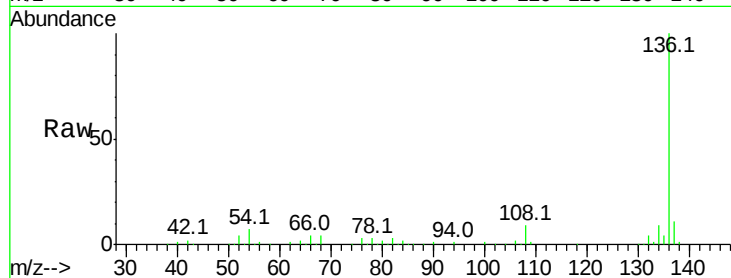
Acq: 12 Dec 2017 15:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	136	Resp:	191191
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.3	6.6	9.8
68	4.5	5.0	7.4#

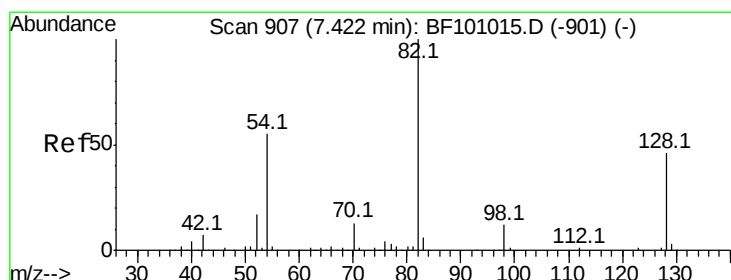
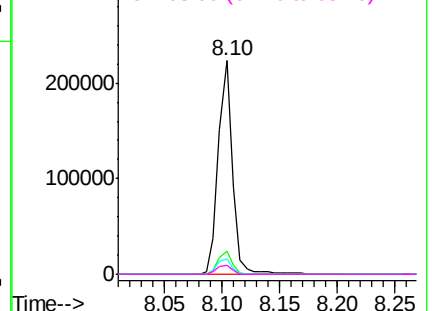
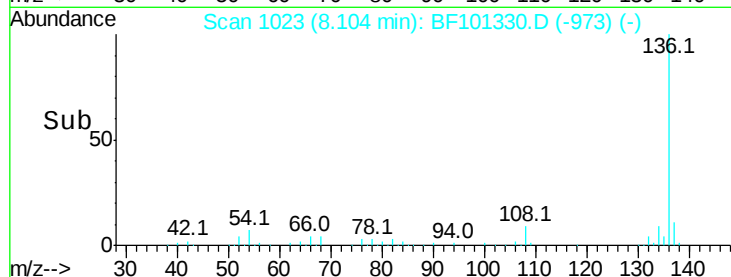


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 77.618 ng

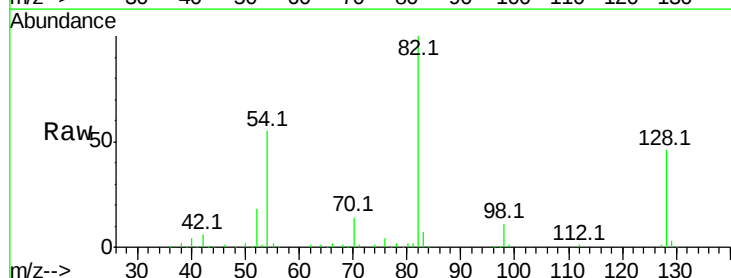
RT: 7.39 min Scan# 901

Delta R.T. -0.01 min

Lab File: BF101330.D

Acq: 12 Dec 2017 15:27

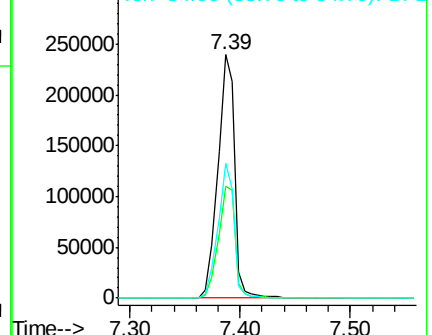
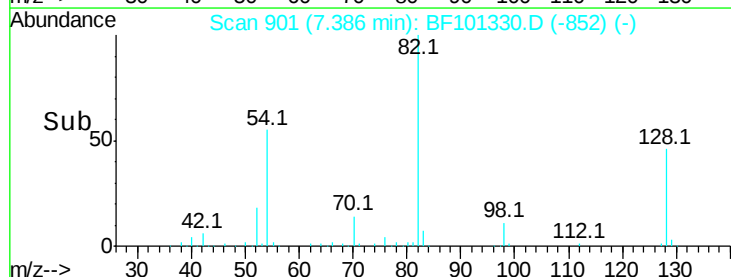
Tgt Ion:	82	Resp:	248768
Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.1	54.1
54	55.2	41.4	62.2

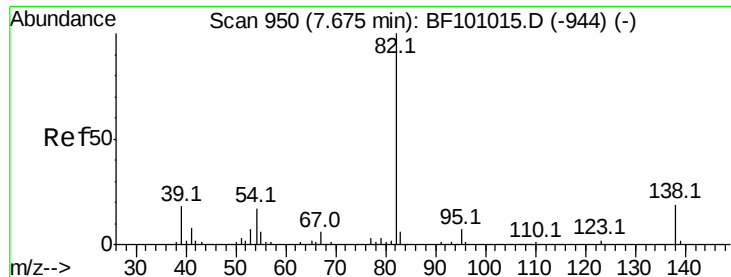


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 45.440 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.26 min

Lab File: BF101330.D

Acq: 12 Dec 2017 15:27

Instrument :

BNA_F

ClientSampleId :

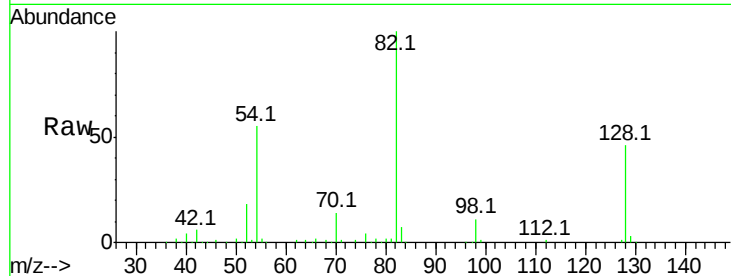
Tot Ion: 82 Resp: 248765

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

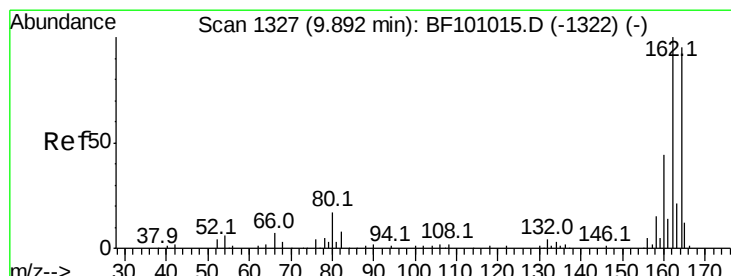
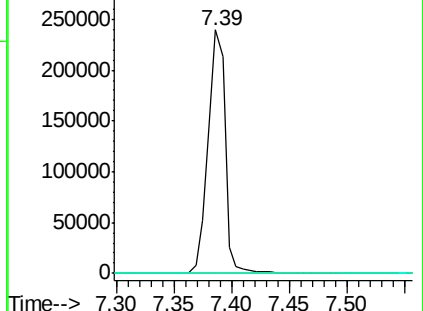
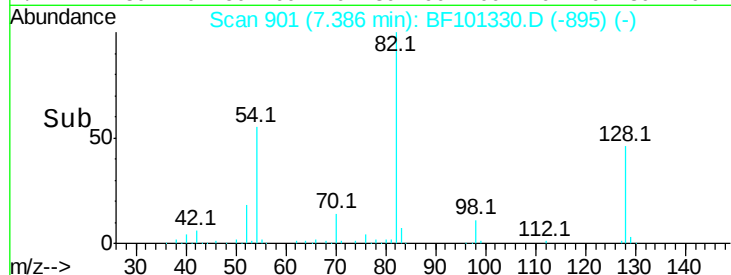
138 0.0 14.9 22.3#



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: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF101330.D

Acq: 12 Dec 2017 15:27

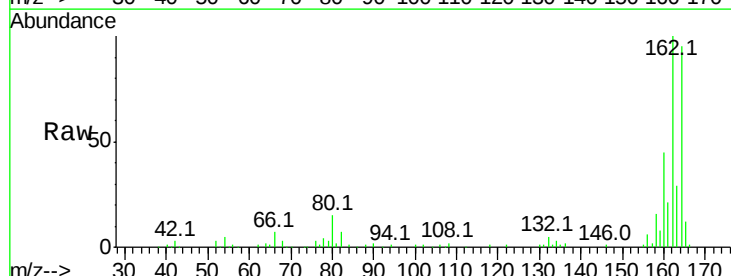
Tgt Ion:164 Resp: 93831

Ion Ratio Lower Upper

164 100

162 104.8 86.1 129.1

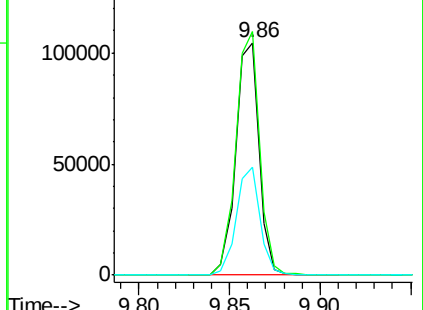
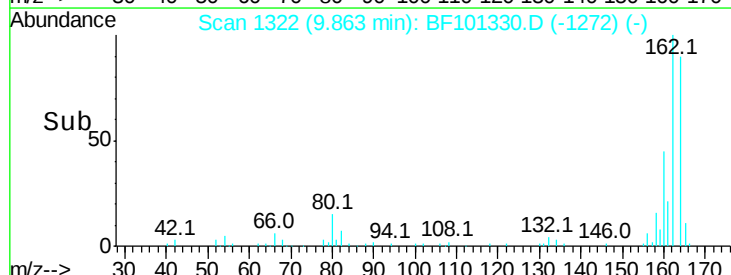
160 46.7 38.3 57.5

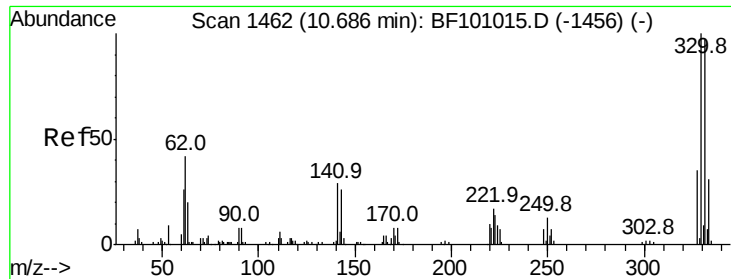


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

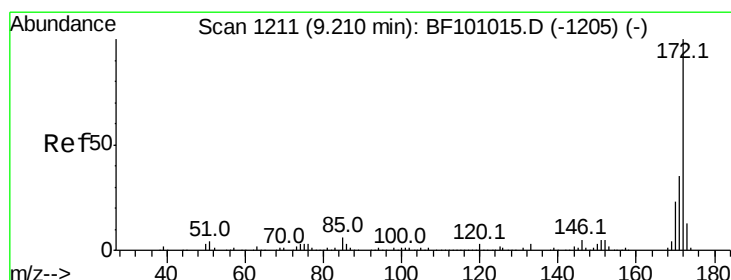
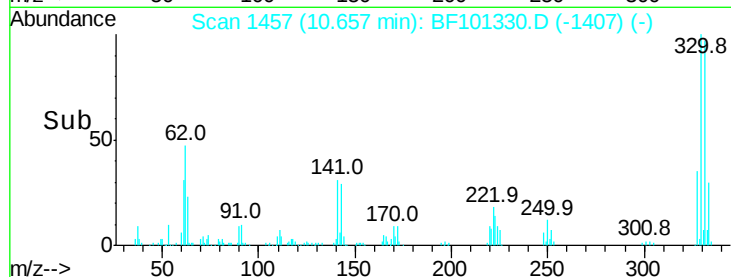
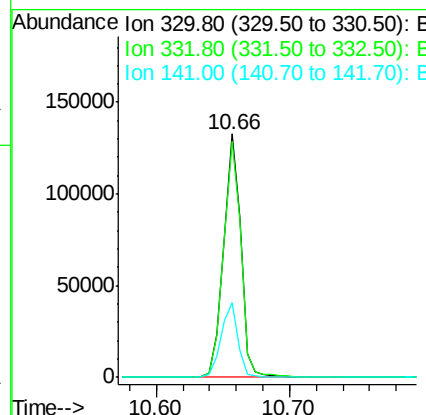
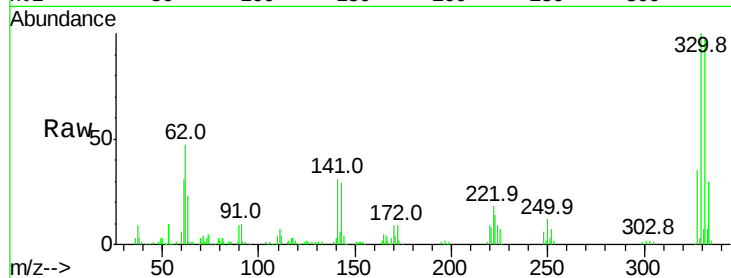




#41
 2,4,6-Tribromophenol
 Concen: 108.025 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: BF101330.D
 Acq: 12 Dec 2017 15:27

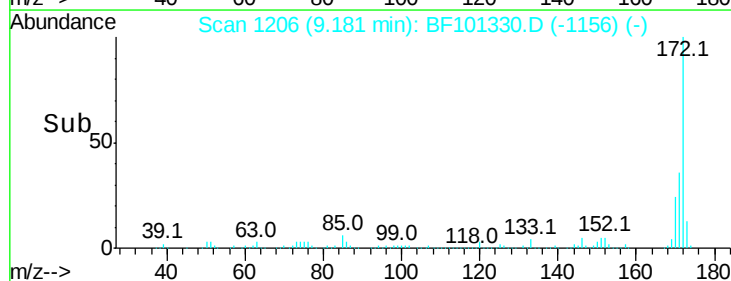
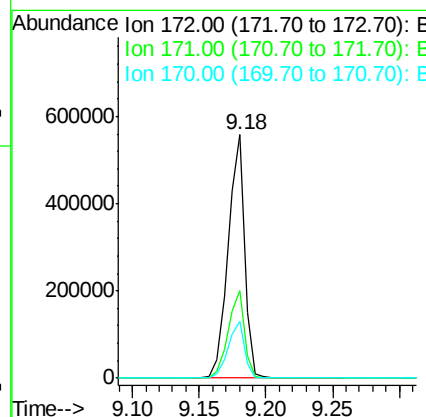
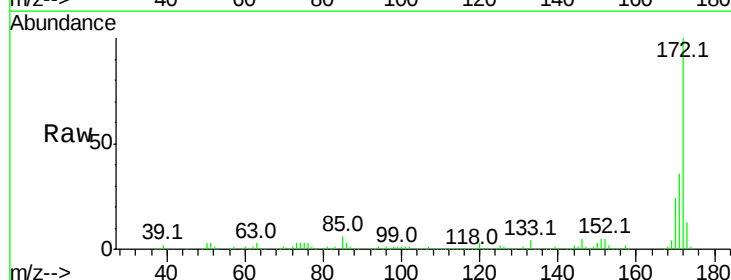
Instrument :
 BNA_F
 ClientSampleId :

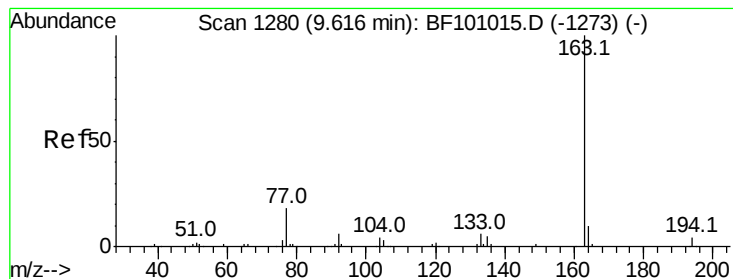
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	30.0	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 71.474 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF101330.D
 Acq: 12 Dec 2017 15:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.5	19.6	29.4





#49

Dimethylphthalate

Concen: 8.355 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF101330.D

Acq: 12 Dec 2017 15:27

Instrument :

BNA_F

ClientSampleId :

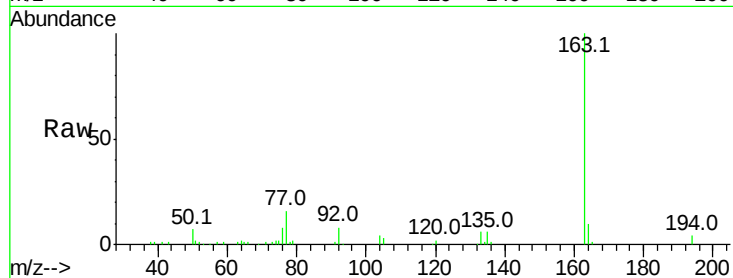
Tot Ion:163 Resp: 63221

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

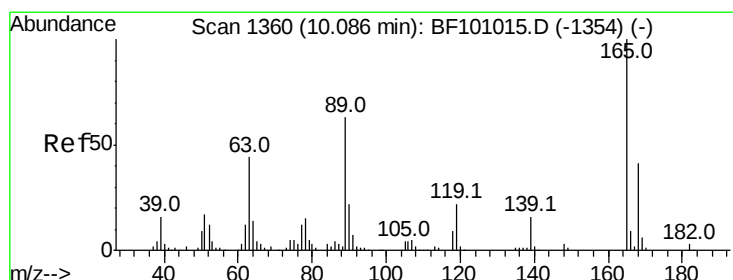
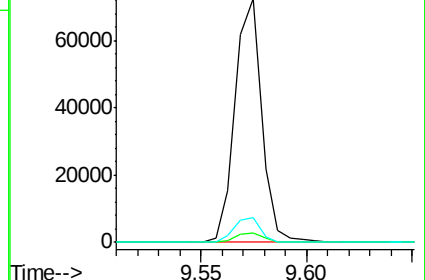
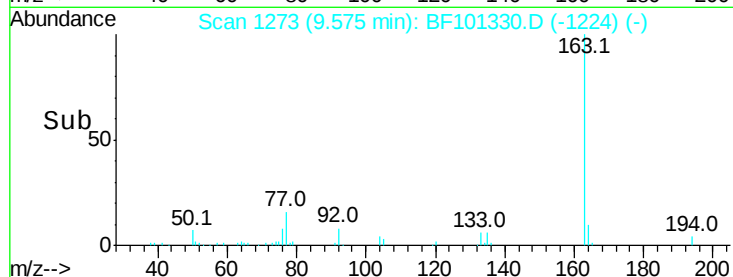
164 10.1 8.2 12.2



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: 5.550 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.20 min

Lab File: BF101330.D

Acq: 12 Dec 2017 15:27

Tgt Ion:165 Resp: 11854

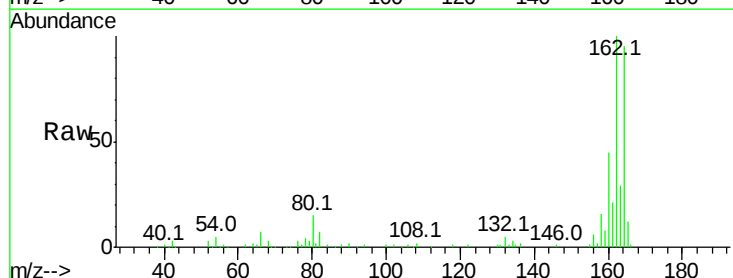
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

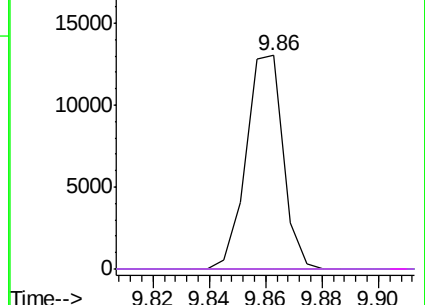
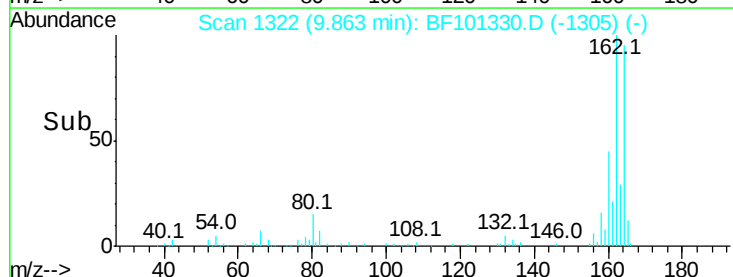


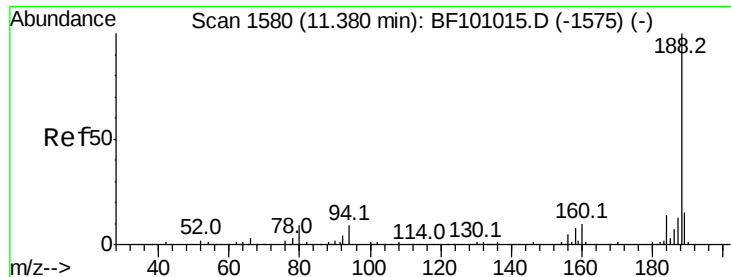
Abundance Ion 165.00 (164.70 to 165.70): E

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

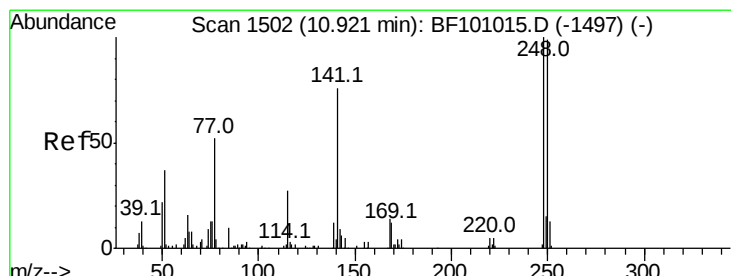
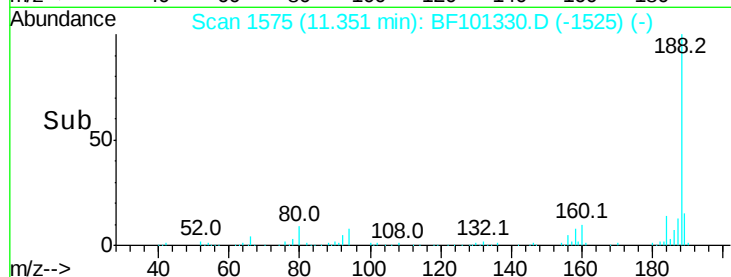
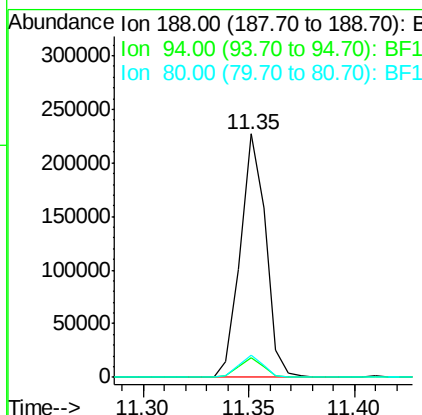
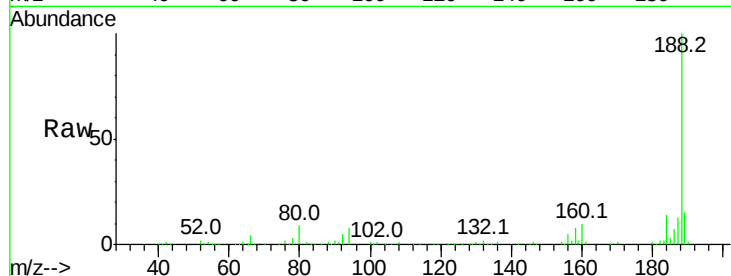




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. -0.01 min
 Lab File: BF101330.D
 Acq: 12 Dec 2017 15:27

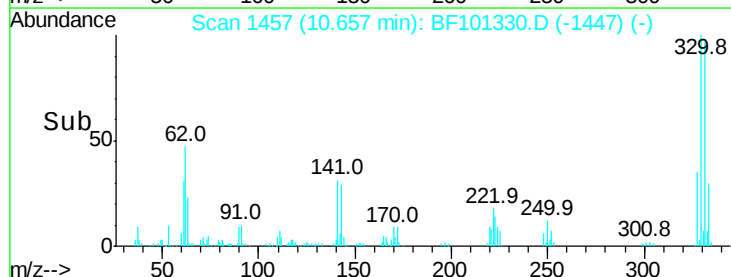
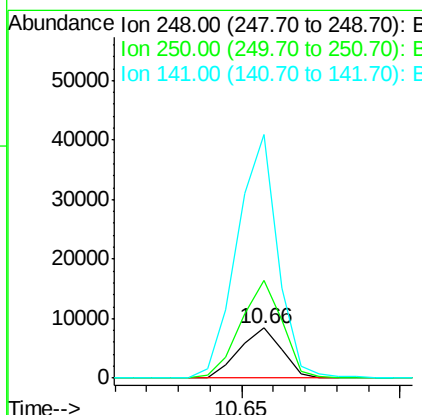
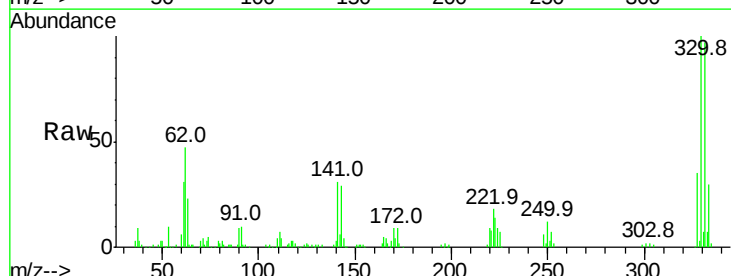
Instrument :
 BNA_F
 ClientSampleId :

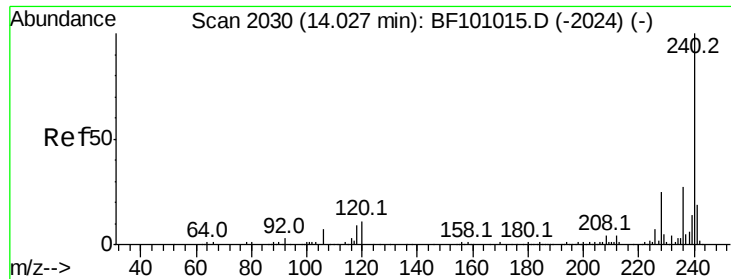
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.5	12.7#
80	9.2	9.2	13.8#



#66
 4-Bromophenyl-phenylether
 Concen: 3.648 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.24 min
 Lab File: BF101330.D
 Acq: 12 Dec 2017 15:27

Tgt Ion	Ratio	Lower	Upper
248	100		
250	195.5	76.9	115.3#
141	485.2	74.4	111.6#

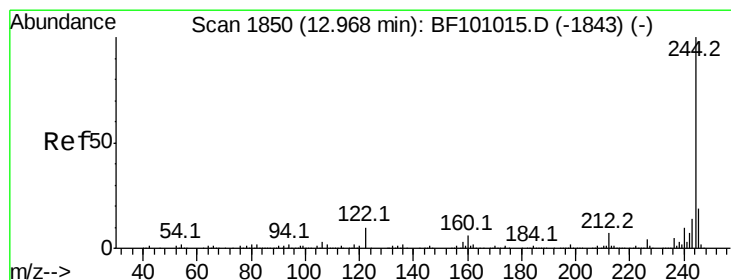
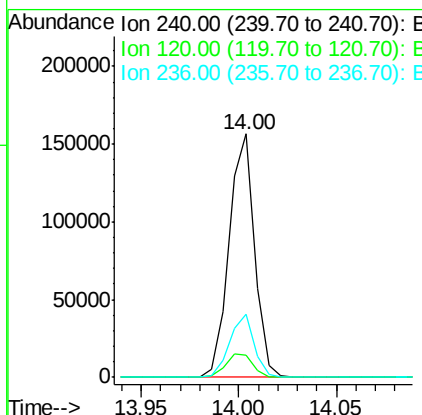
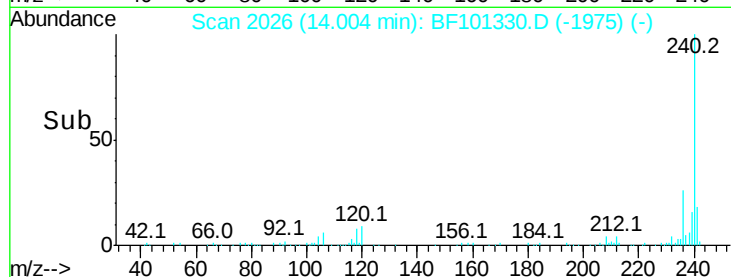
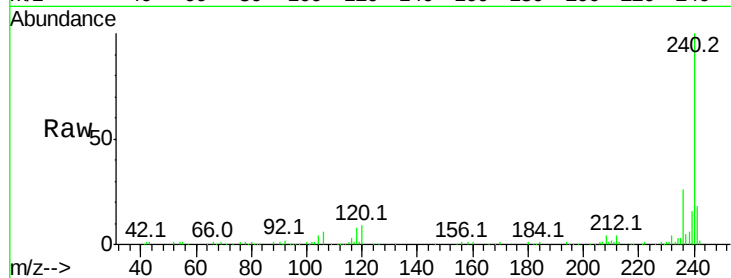




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.00 min
 Lab File: BF101330.D
 Acq: 12 Dec 2017 15:27

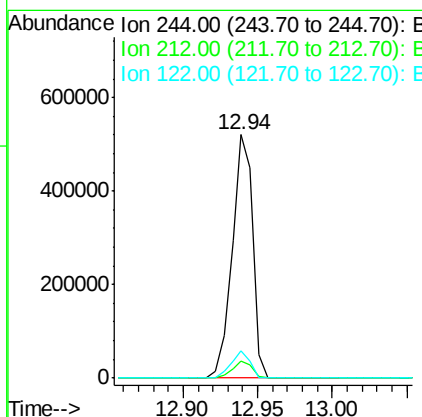
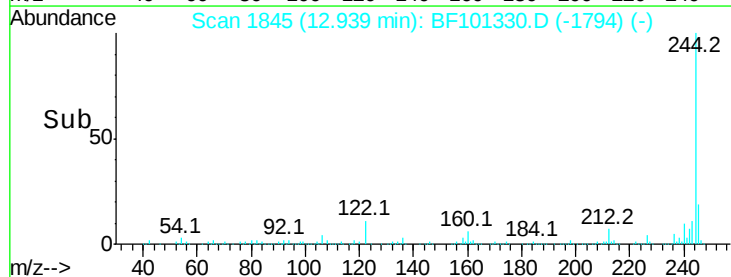
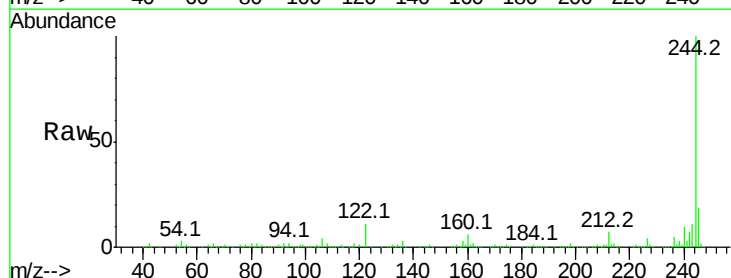
Instrument :
 BNA_F
 ClientSampleId :

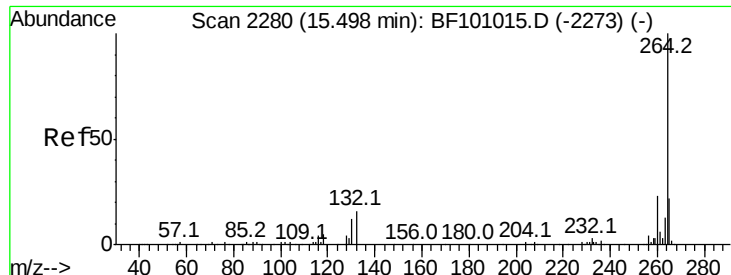
Tot Ion:240 Resp: 141302
 Ion Ratio Lower Upper
 240 100
 120 9.3 9.5 14.3#
 236 26.1 20.7 31.1



#78
 Terphenyl-d14
 Concen: 77.946 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. 0.00 min
 Lab File: BF101330.D
 Acq: 12 Dec 2017 15:27

Tgt Ion:244 Resp: 503551
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 11.2 11.0 16.4

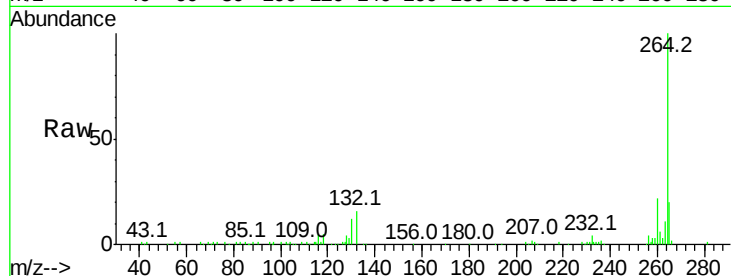




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.01 min
Lab File: BF101330.D
Acq: 12 Dec 2017 15:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.2	28.8
265	20.4	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

