

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121917\
 Data File : BF101548.D
 Acq On : 20 Dec 2017 4:03
 Operator : SJ/JU
 Sample : I6974-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DOCK-3

Quant Time: Dec 20 07:05:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 18 15:38:59 2017
 Response via : Initial Calibration

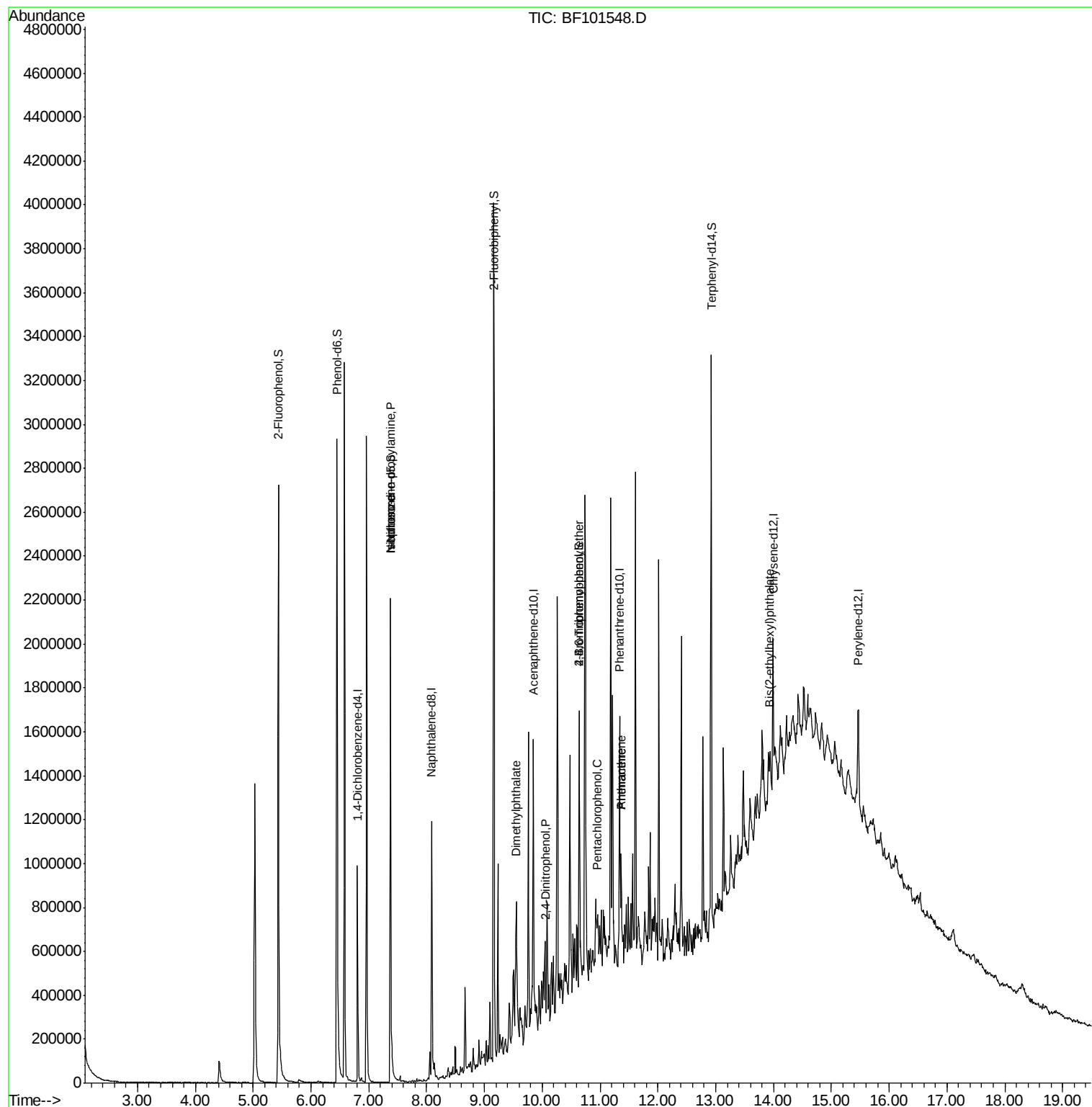
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	154806	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	621396	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	260936	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	403591	20.00	ng	0.00
75) Chrysene-d12	13.99	240	283490	20.00	ng	0.00
86) Perylene-d12	15.47	264	300414	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	910662	87.63	ng	0.01
7) Phenol-d6	6.45	99	1238905	95.79	ng	0.00
23) Nitrobenzene-d5	7.37	82	881267	78.95	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	168209	66.90	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1364217	81.10	ng	0.00
78) Terphenyl-d14	12.92	244	954846	81.20	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	119196	14.033	ng	# 81
25) Isophorone	7.37	82	881267	39.353	ng	# 64
49) Dimethylphthalate	9.56	163	47366	2.257	ng	99
53) 2,4-Dinitrophenol	10.06	184	151	10.409	ng	# 1
66) 4-Bromophenyl-phenylether	10.64	248	10511	2.318	ng	# 1
69) Pentachlorophenol	10.95	266	287	6.698	ng	# 19
70) Phenanthrene	11.36	178	128364	5.719	ng	99
71) Anthracene	11.36	178	128226	5.593	ng	99
83) Bis(2-ethylhexyl)phthalate	13.94	149	40006	3.281	ng	100

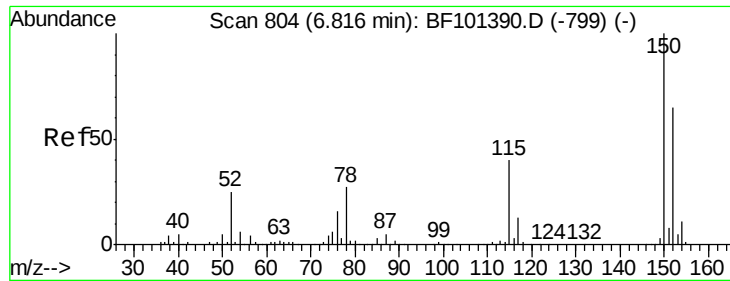
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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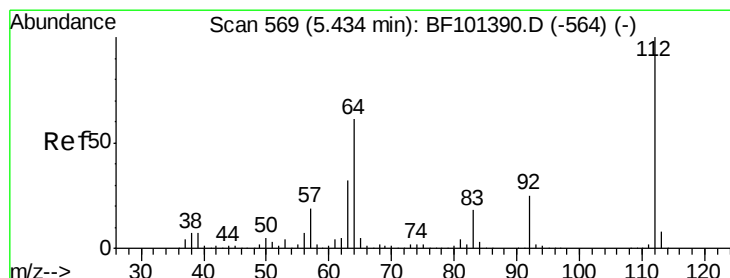
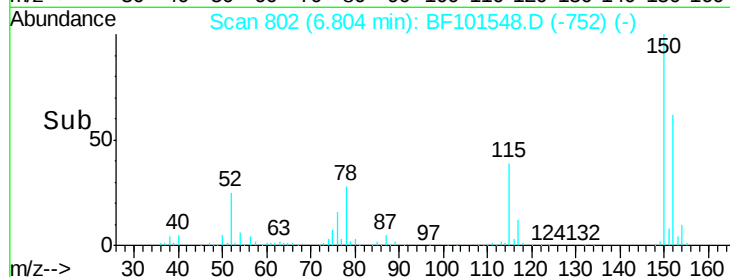
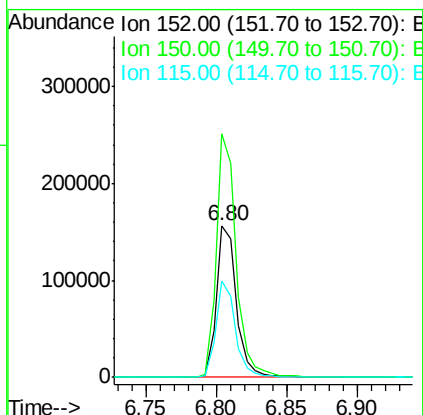
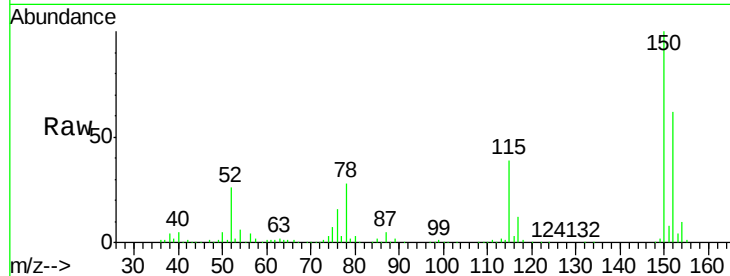


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF101548.D
Acq: 20 Dec 2017 4:03

Instrument :
BNA_F
ClientSampleId :
DOCK-3

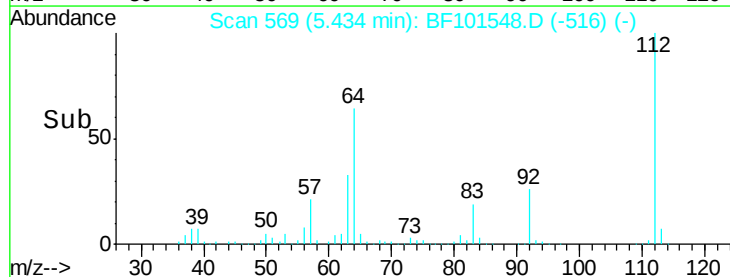
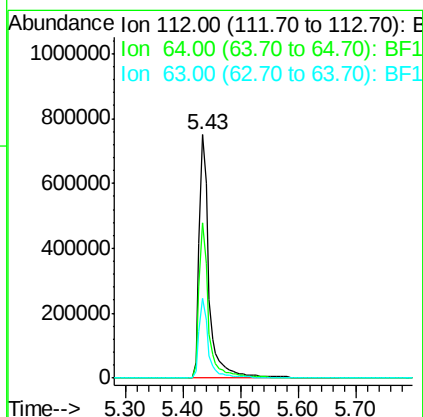
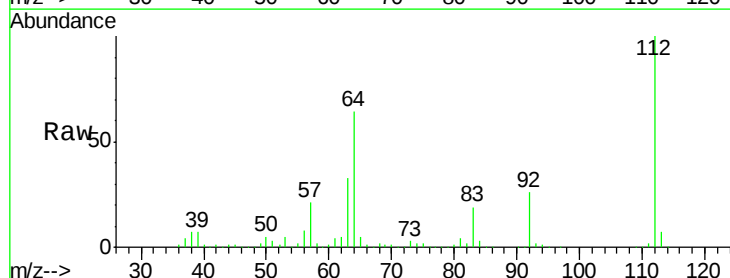
Tot Ion:152 Resp: 154806
Ion Ratio Lower Upper
152 100
150 160.3 124.6 186.8
115 63.1 50.1 75.1



#5

2-Fluorophenol
Concen: 87.626 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF101548.D
Acq: 20 Dec 2017 4:03

Tgt Ion:112 Resp: 910662
Ion Ratio Lower Upper
112 100
64 63.8 47.9 71.9
63 32.8 23.7 35.5





#7

Phenol-d6

Concen: 95.787 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF101548.D

Acq: 20 Dec 2017 4:03

Instrument :

BNA_F

ClientSampleId :

DOCK-3

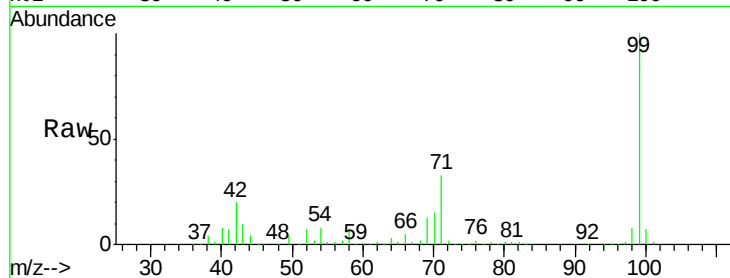
Tot Ion: 99 Resp: 1238905

Ion Ratio Lower Upper

99 100

42 20.4 14.5 21.7

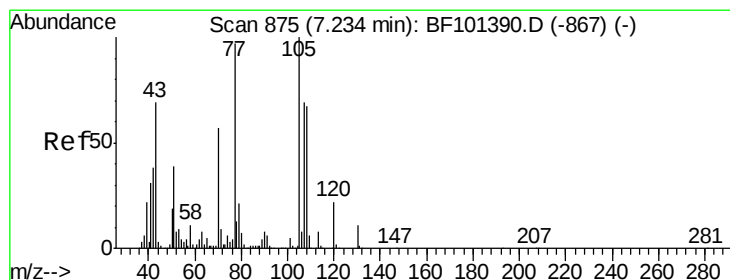
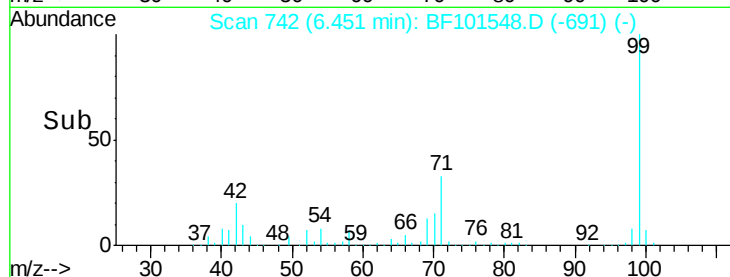
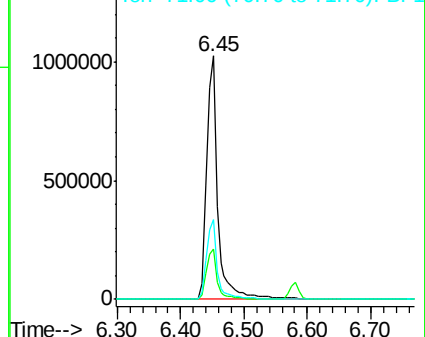
71 32.8 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.033 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.15 min

Lab File: BF101548.D

Acq: 20 Dec 2017 4:03

Tgt Ion: 70 Resp: 119196

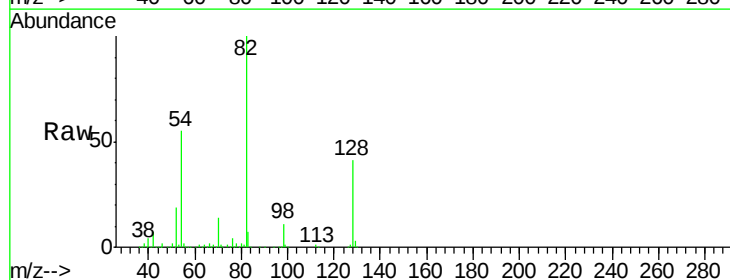
Ion Ratio Lower Upper

70 100

42 51.6 47.5 71.3

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#

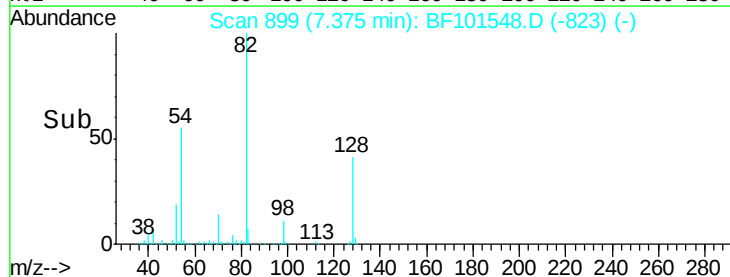
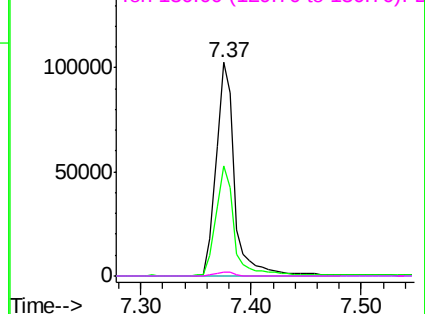


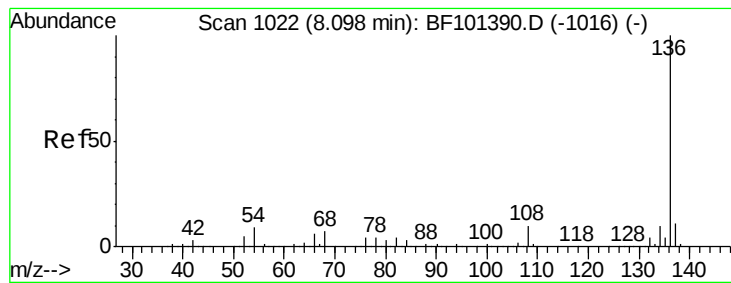
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF101548.D

Acq: 20 Dec 2017 4:03

Instrument :

BNA_F

ClientSampleId :

DOCK-3

Tot Ion:136 Resp: 621396

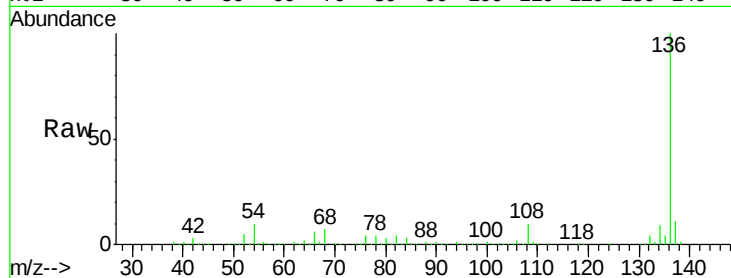
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 9.5 6.6 9.8

68 7.1 5.0 7.4

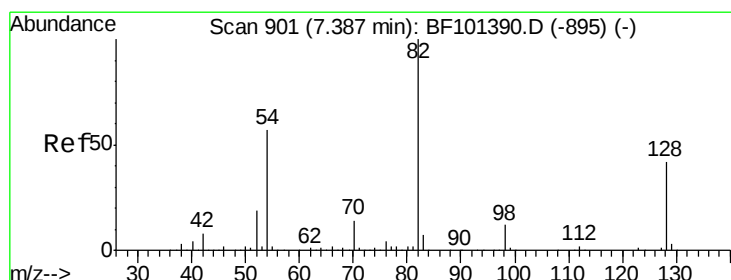
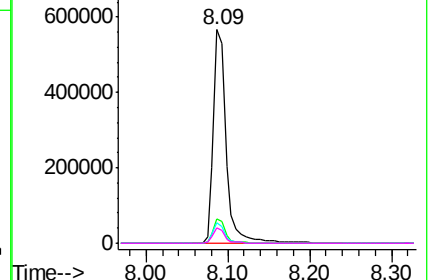
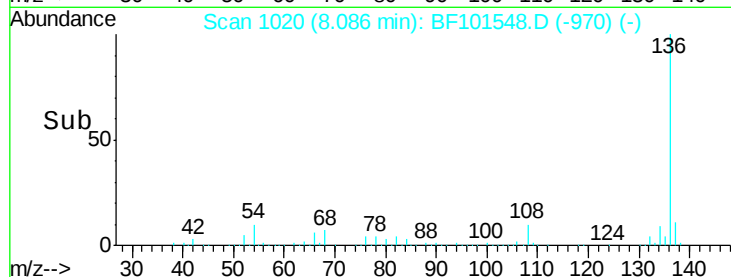


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.946 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF101548.D

Acq: 20 Dec 2017 4:03

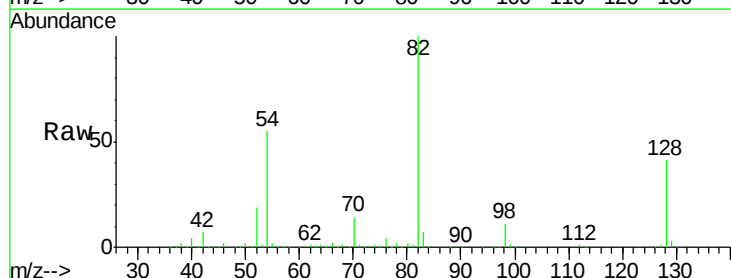
Tgt Ion: 82 Resp: 881267

Ion Ratio Lower Upper

82 100

128 41.5 36.1 54.1

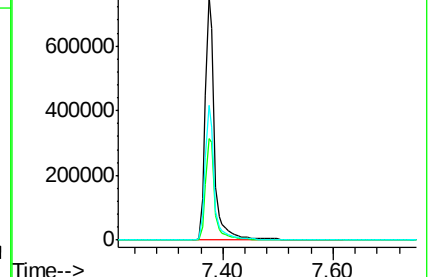
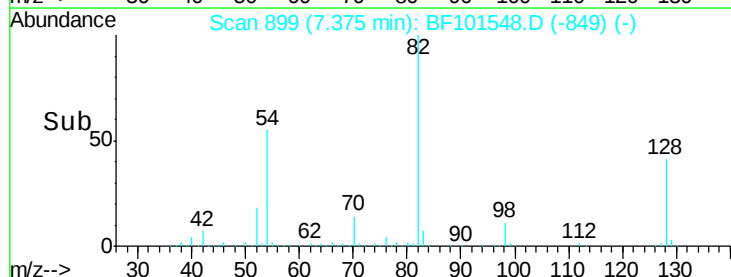
54 55.3 41.4 62.2

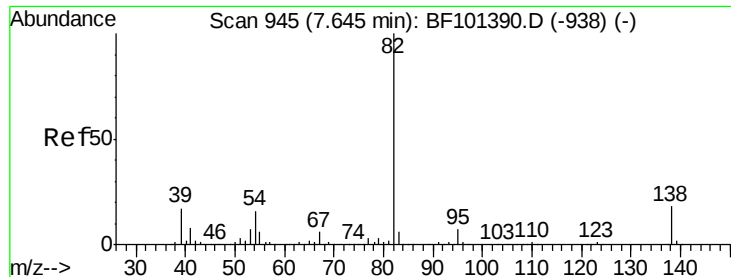


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 39.353 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF101548.D

Acq: 20 Dec 2017 4:03

Instrument :

BNA_F

ClientSampleId :

DOCK-3

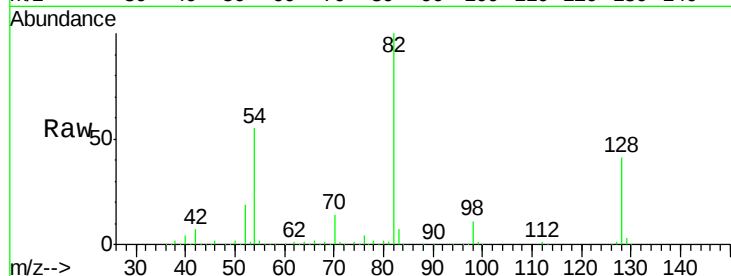
Tot Ion: 82 Resp: 881267

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

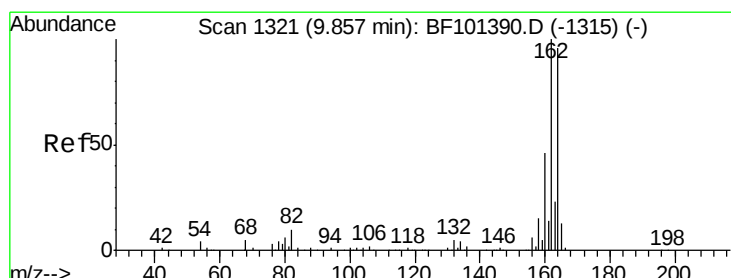
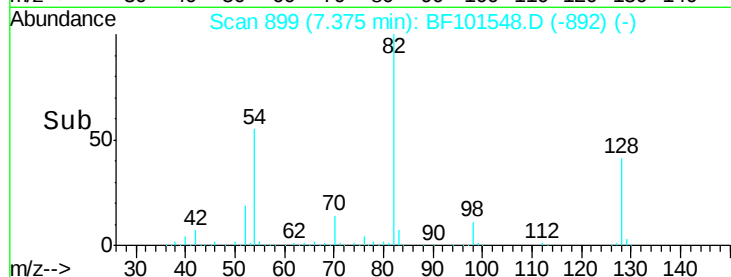
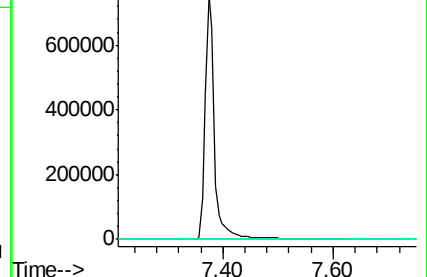
138 0.0 14.9 22.3#



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: 9.85 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BF101548.D

Acq: 20 Dec 2017 4:03

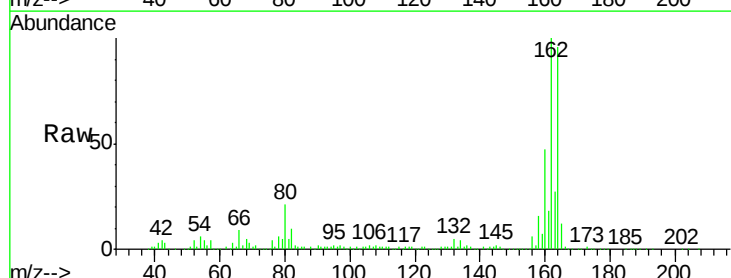
Tgt Ion: 164 Resp: 260936

Ion Ratio Lower Upper

164 100

162 104.2 86.1 129.1

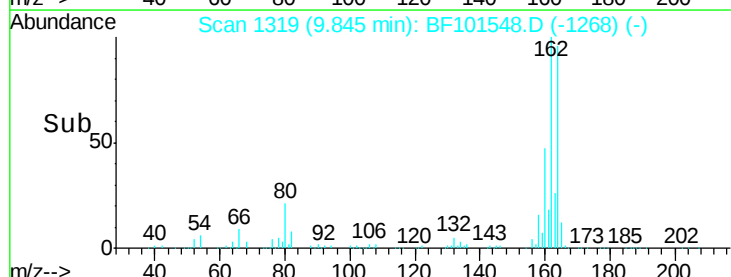
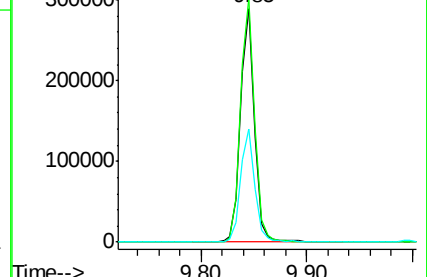
160 48.6 38.3 57.5

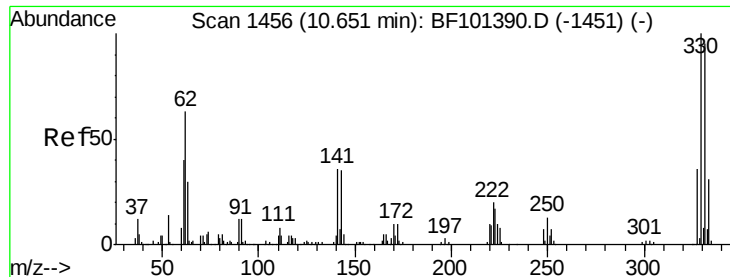


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

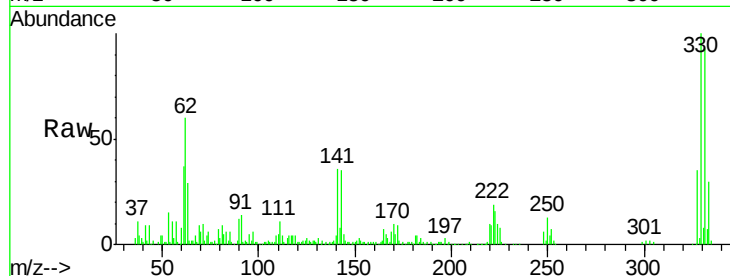




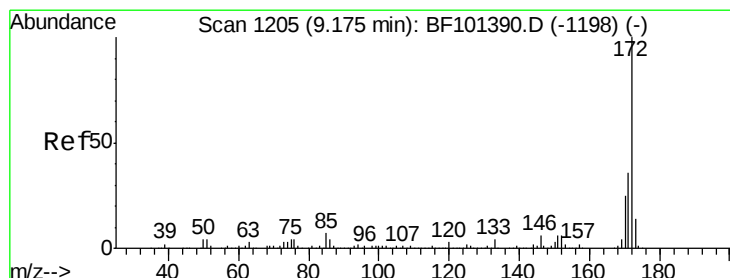
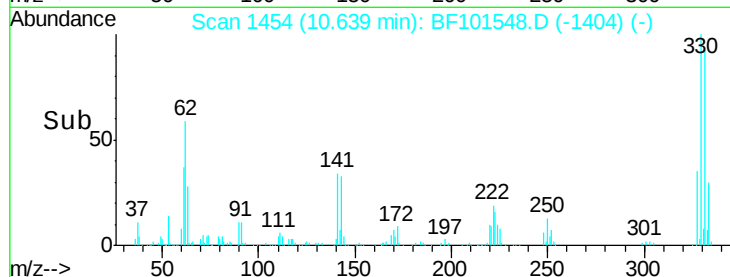
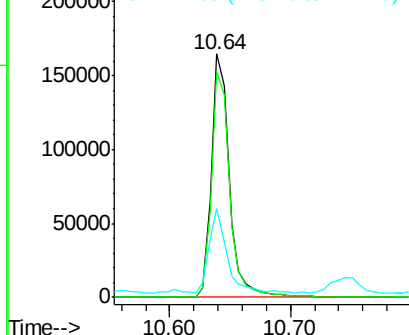
#41
 2,4,6-Tribromophenol
 Concen: 66.900 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF101548.D
 Acq: 20 Dec 2017 4:03

Instrument :
 BNA_F
 ClientSampleId :
 DOCK-3

Tot Ion:330 Resp: 168209
 Ion Ratio Lower Upper
 330 100
 332 94.4 77.0 115.6
 141 32.8 29.9 44.9

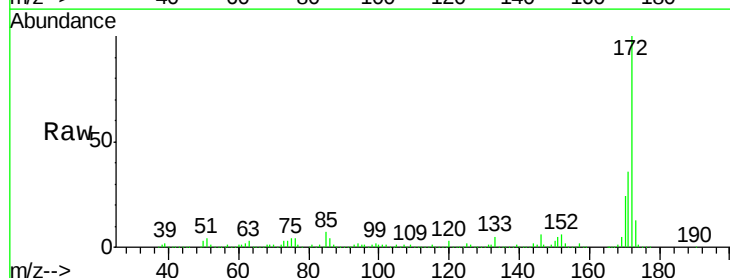


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

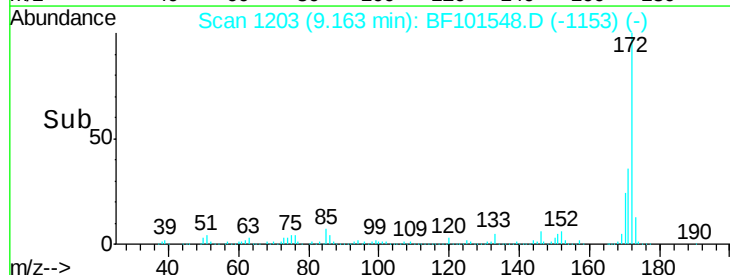
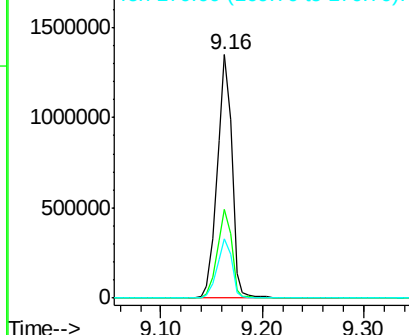


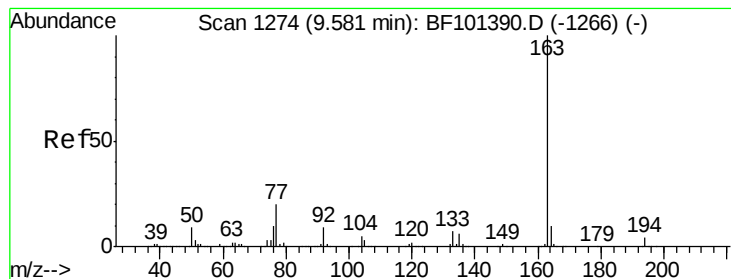
#44
 2-Fluorobiphenyl
 Concen: 81.101 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF101548.D
 Acq: 20 Dec 2017 4:03

Tgt Ion:172 Resp: 1364217
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.3 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: 2.257 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF101548.D

Acq: 20 Dec 2017 4:03

Instrument :

BNA_F

ClientSampleId :

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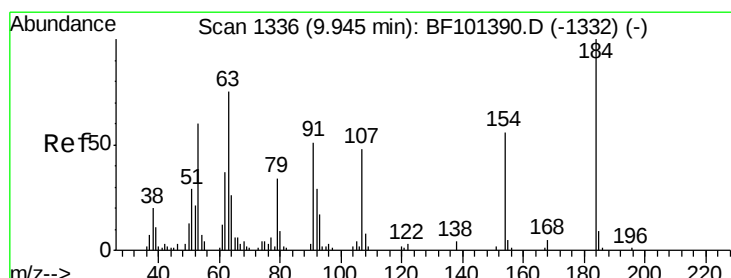
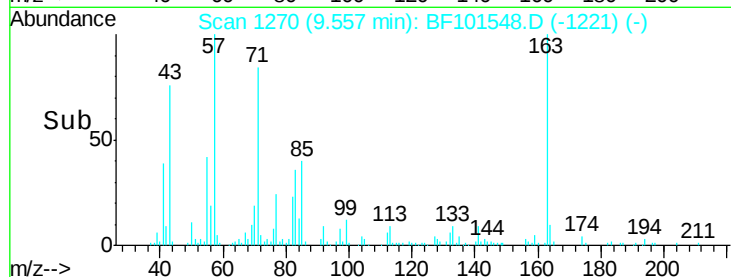
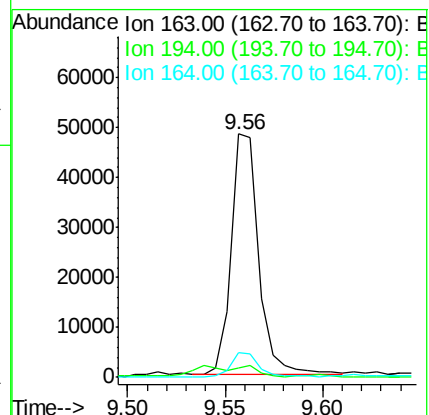
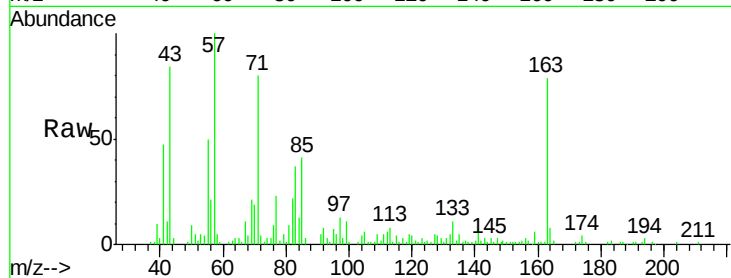
Tot Ion:163 Resp: 47366

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

164 10.3 8.2 12.2



#53

2,4-Dinitrophenol

Concen: 10.409 ng

RT: 10.06 min Scan# 1355

Delta R.T. 0.12 min

Lab File: BF101548.D

Acq: 20 Dec 2017 4:03

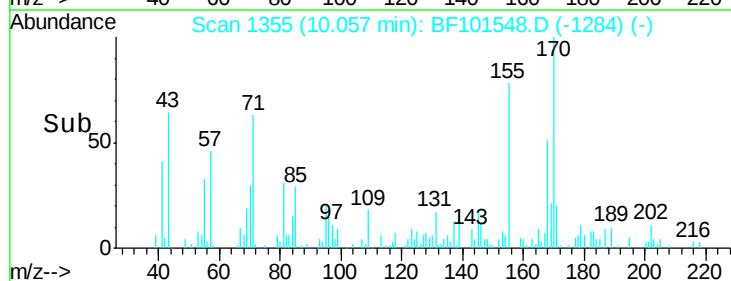
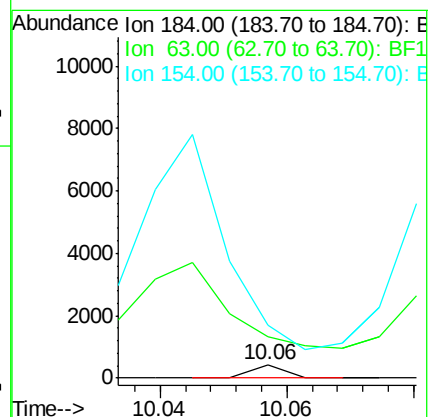
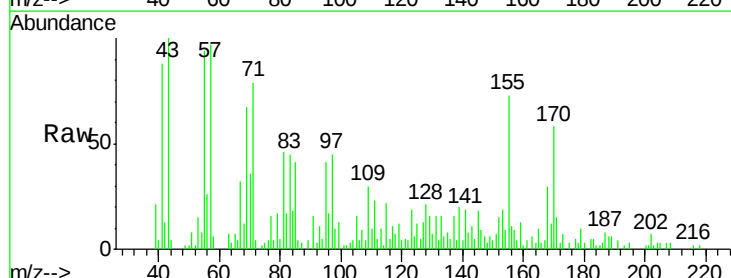
Tgt Ion:184 Resp: 151

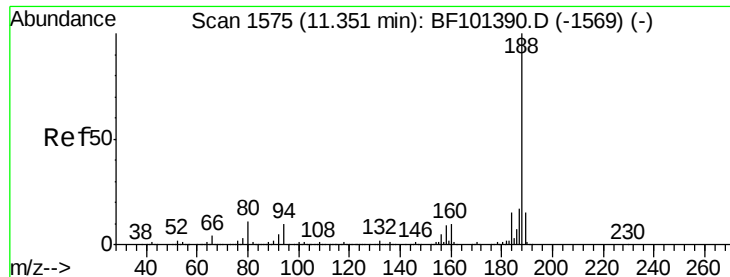
Ion Ratio Lower Upper

184 100

63 307.5 54.2 81.2#

154 392.5 184.0 276.0#

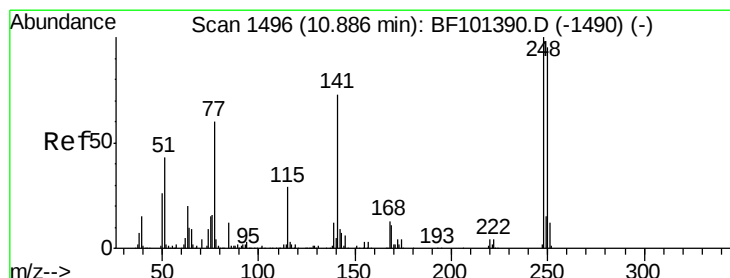
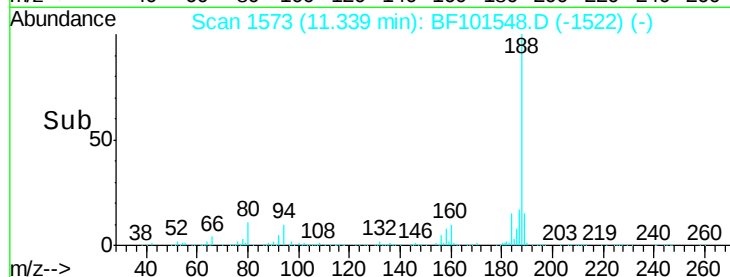
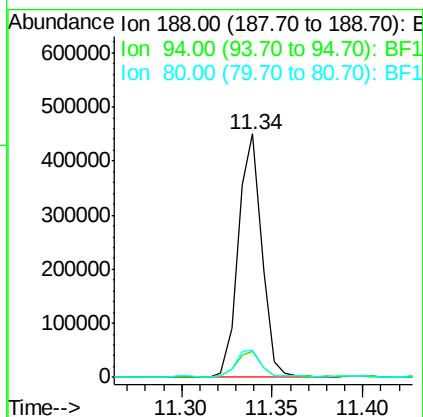
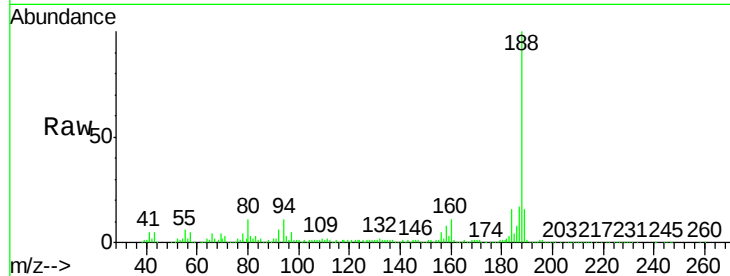




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF101548.D
Acq: 20 Dec 2017 4:03

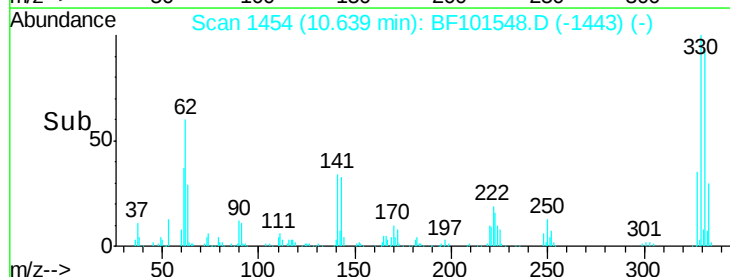
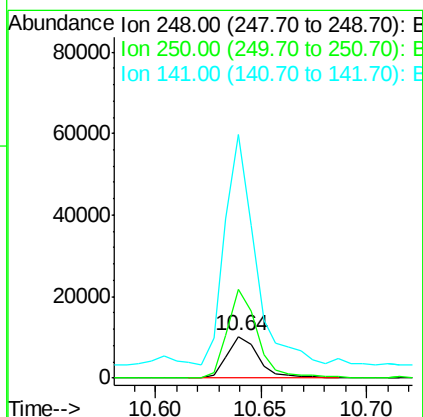
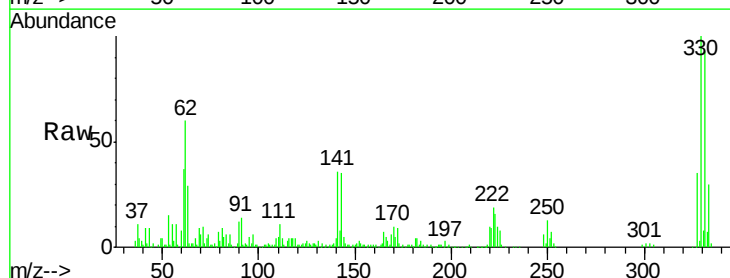
Instrument :
BNA_F
ClientSampleId :
DOCK-3

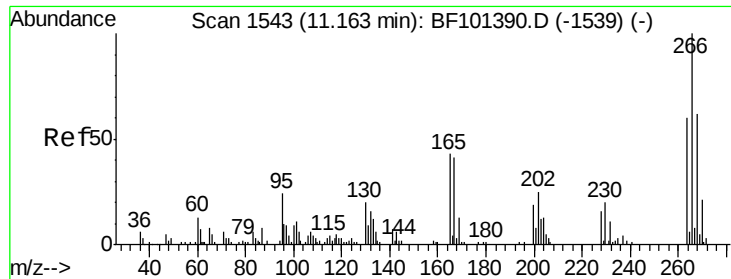
Tot Ion:188 Resp: 403591
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 11.2 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.318 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF101548.D
Acq: 20 Dec 2017 4:03

Tgt Ion:248 Resp: 10511
Ion Ratio Lower Upper
248 100
250 210.6 76.9 115.3#
141 581.2 74.4 111.6#

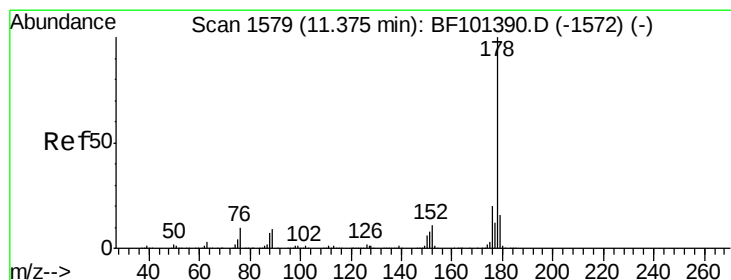
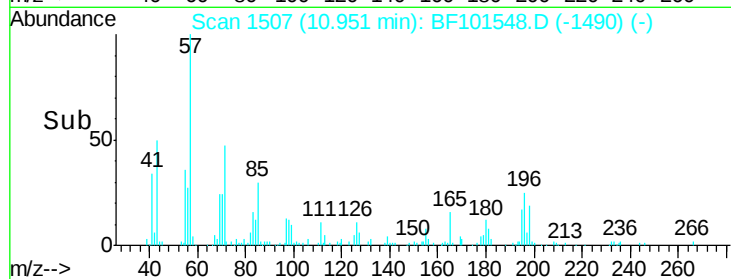
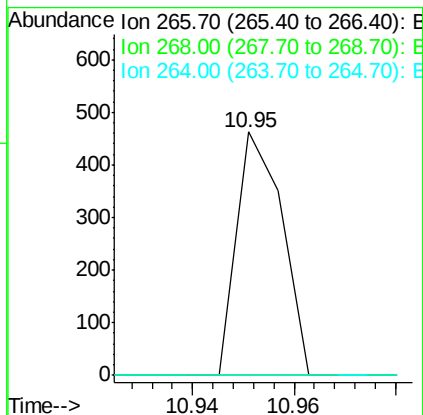
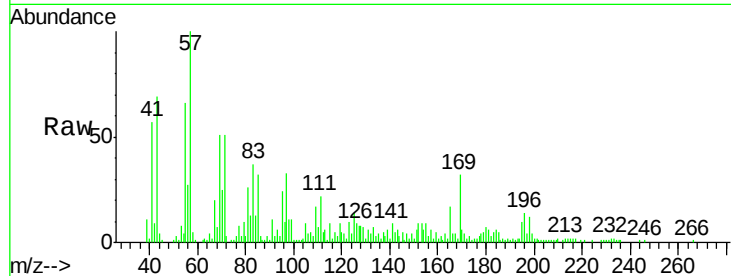




#69
 Pentachlorophenol
 Concen: 6.698 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.20 min
 Lab File: BF101548.D
 Acq: 20 Dec 2017 4:03

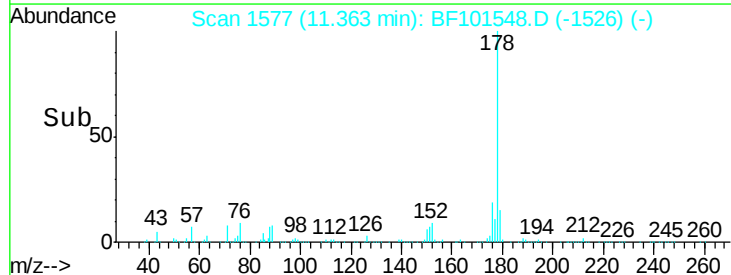
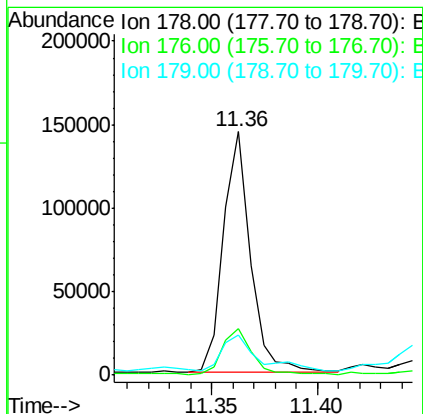
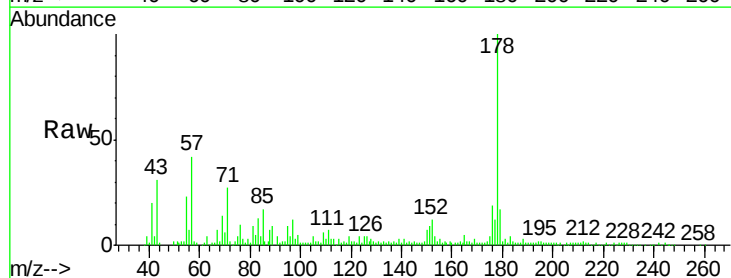
Instrument :
 BNA_F
 ClientSampleId :
 DOCK-3

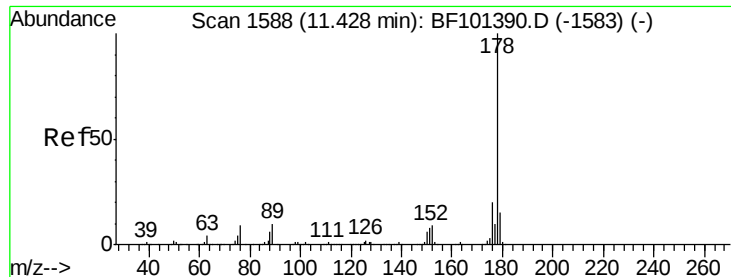
Tot Ion	Ratio	Lower	Upper
266	100		
268	0.0	51.1	76.7#
264	0.0	49.5	74.3#



#70
 Phenanthrene
 Concen: 5.719 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. 0.00 min
 Lab File: BF101548.D
 Acq: 20 Dec 2017 4:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	16.6	13.0	19.6

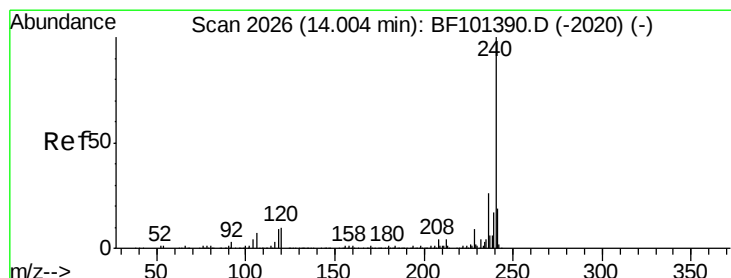
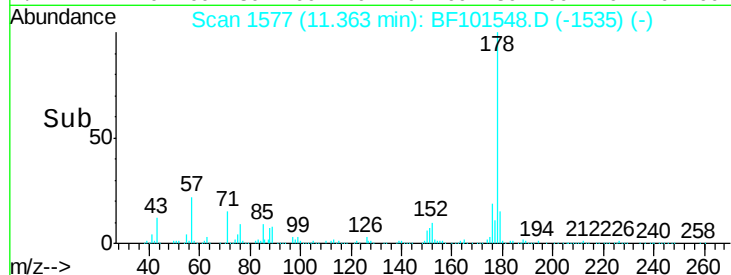
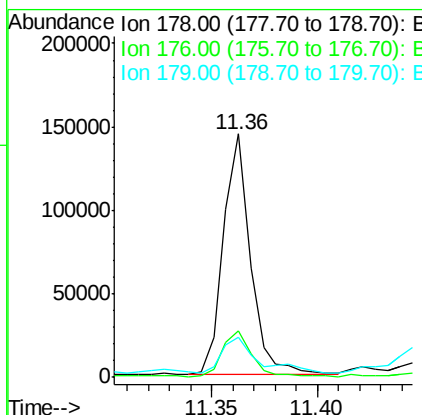
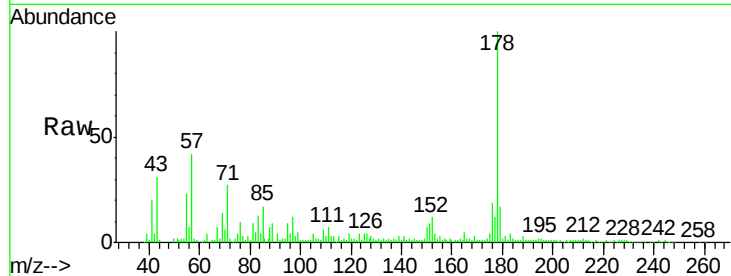




#71
 Anthracene
 Concen: 5.593 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.05 min
 Lab File: BF101548.D
 Acq: 20 Dec 2017 4:03

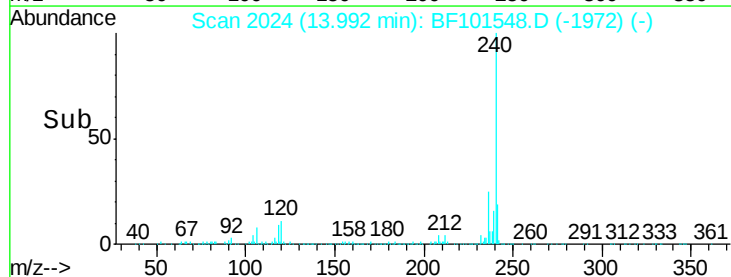
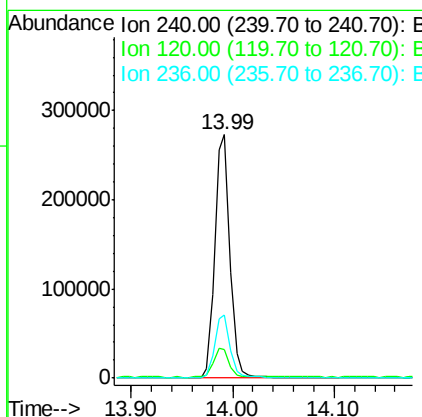
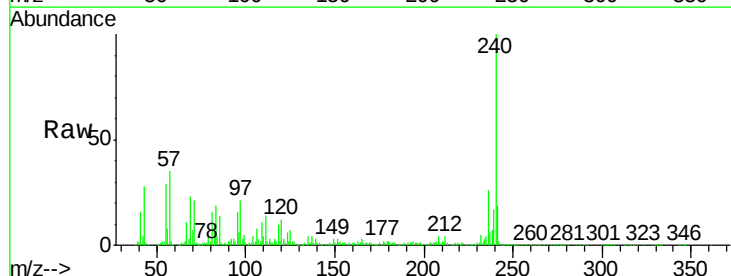
Instrument :
 BNA_F
 ClientSampleId :
 DOCK-3

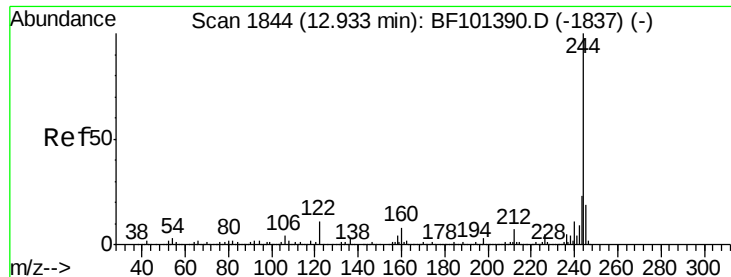
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	16.6	12.6	19.0



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.01 min
 Lab File: BF101548.D
 Acq: 20 Dec 2017 4:03

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.5	14.3
236	25.8	20.7	31.1

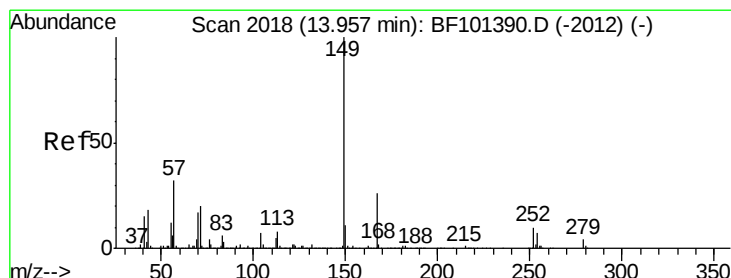
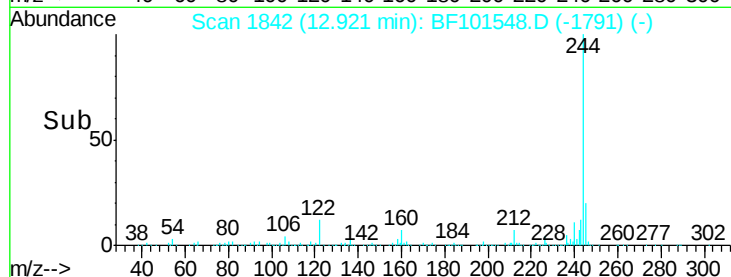
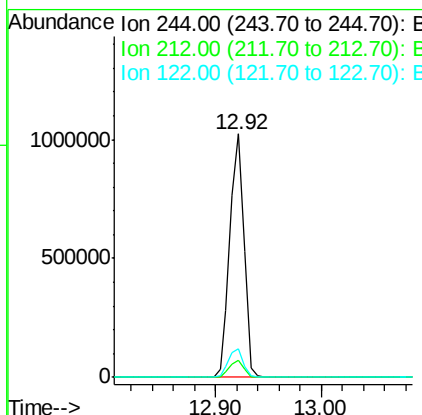
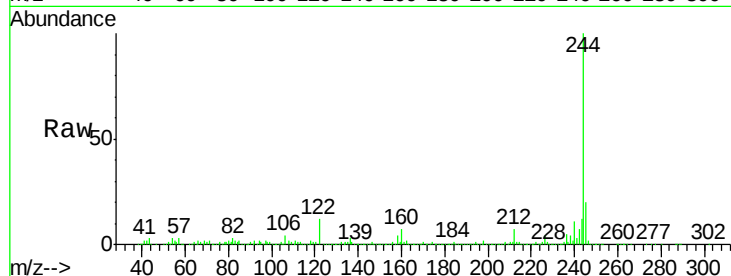




#78
 Terphenyl-d14
 Concen: 81.199 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF101548.D
 Acq: 20 Dec 2017 4:03

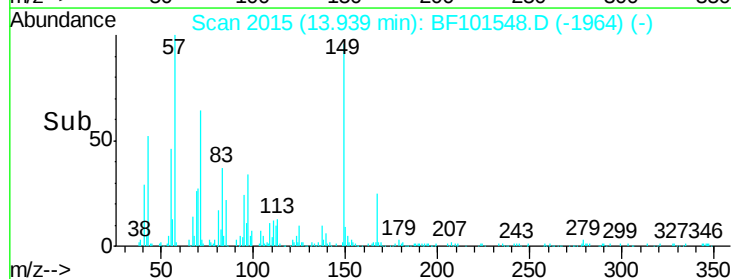
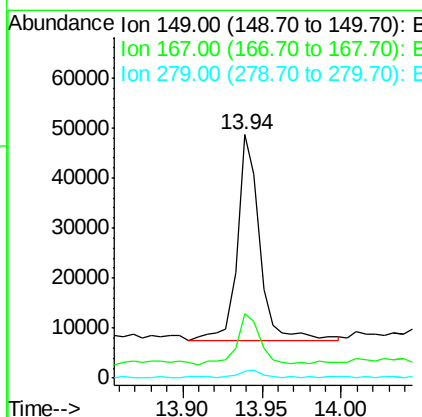
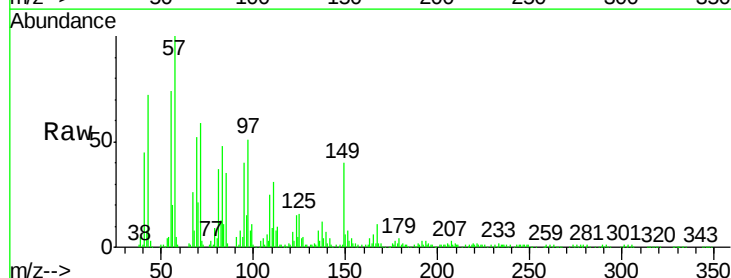
Instrument :
 BNA_F
 ClientSampleId :
 DOCK-3

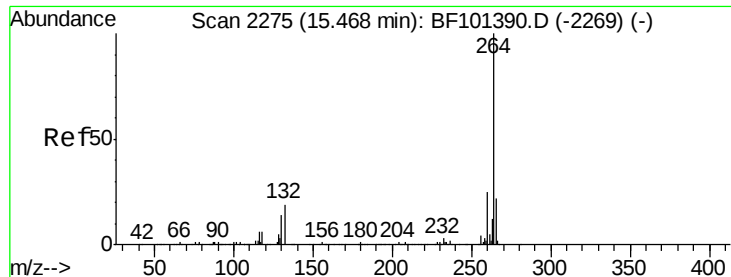
Tot Ion:244 Resp: 954846
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 11.7 11.0 16.4



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.281 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. 0.00 min
 Lab File: BF101548.D
 Acq: 20 Dec 2017 4:03

Tgt Ion:149 Resp: 40006
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.3 31.9
 279 3.0 3.0 4.4

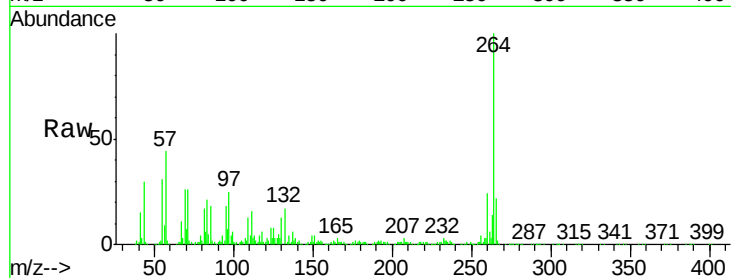




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.02 min
Lab File: BF101548.D
Acq: 20 Dec 2017 4:03

Instrument :
BNA_F
ClientSampleId :
DOCK-3

Tot Ion	Ion	Ratio	Lower	Upper
300414	264	100		
	260	23.5	19.2	28.8
	265	21.8	17.5	26.3

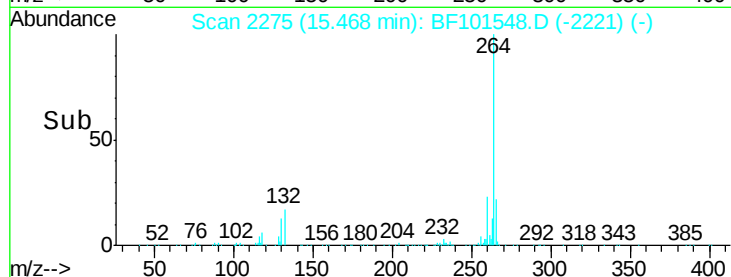
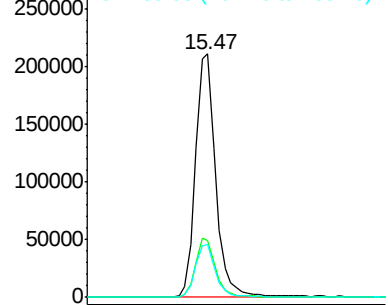


Abundance

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



Time-->