

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122017\
 Data File : BF101574.D
 Acq On : 20 Dec 2017 18:12
 Operator : SJ/JU
 Sample : I6975-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-12000

Quant Time: Dec 21 04:04:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

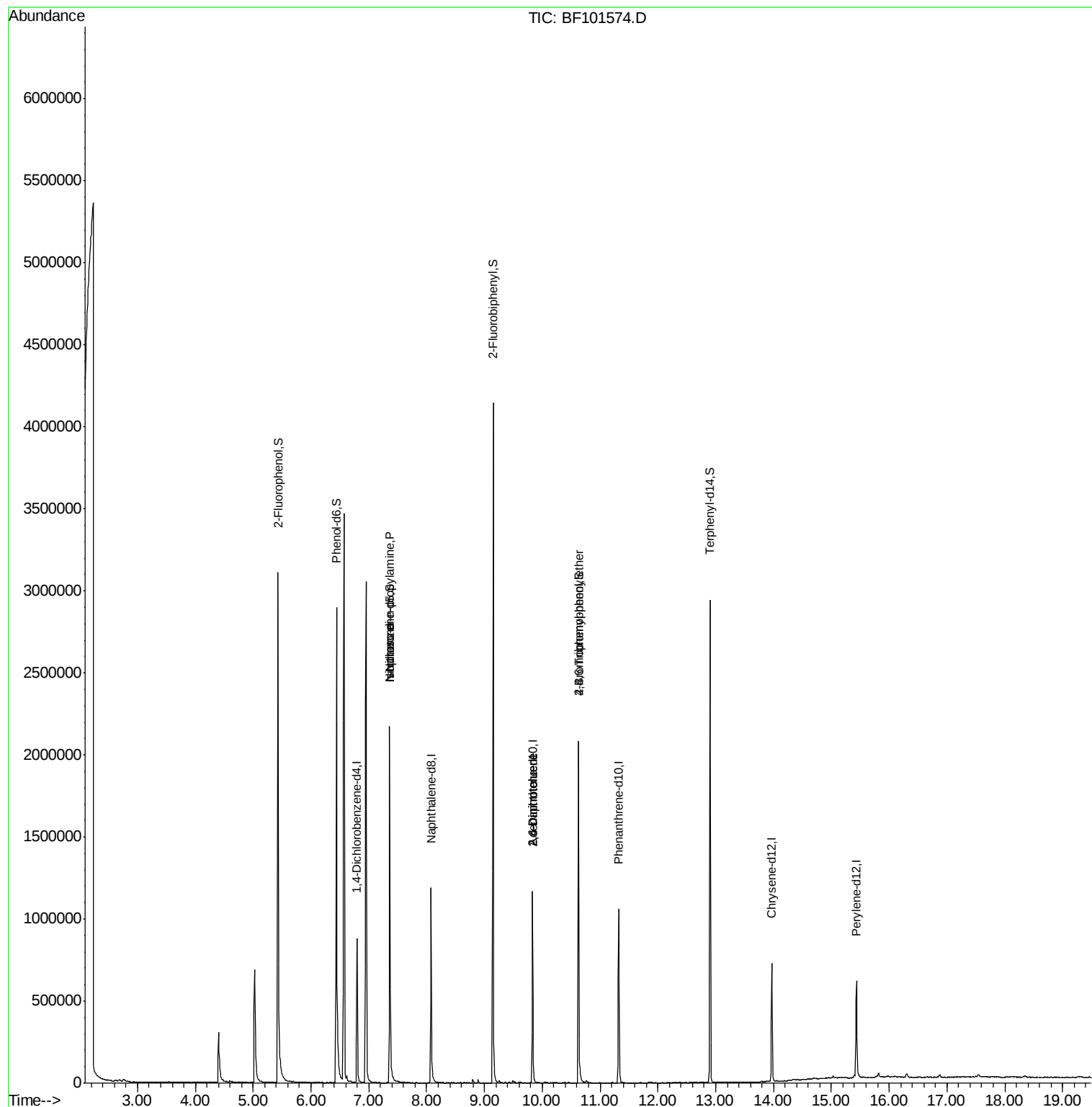
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	146340	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	564108	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	240216	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	387702	20.00	ng	0.00
75) Chrysene-d12	13.97	240	262069	20.00	ng	0.00
86) Perylene-d12	15.43	264	310116	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1062761	108.18	ng	0.02
7) Phenol-d6	6.44	99	1180621	96.56	ng	0.00
23) Nitrobenzene-d5	7.36	82	876084	86.45	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	271997	117.51	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1401150	90.48	ng	0.00
78) Terphenyl-d14	12.90	244	1035337	95.24	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	117666	14.654	ng	# 81
25) Isophorone	7.36	82	876084	43.095	ng	# 64
50) 2,6-Dinitrotoluene	9.83	165	30181	7.685	ng	# 26
56) 2,4-Dinitrotoluene	9.83	165	30181	6.821	ng	# 23
66) 4-Bromophenyl-phenylether	10.63	248	16390	3.762	ng	# 1

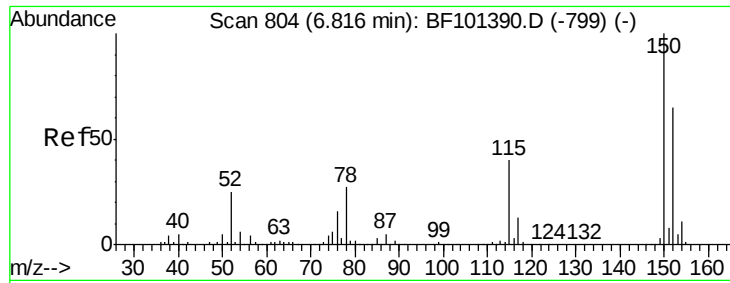
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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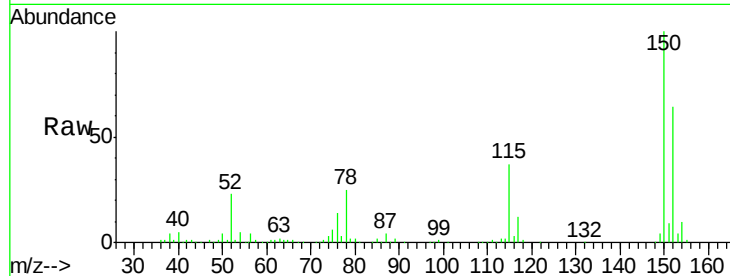


#1

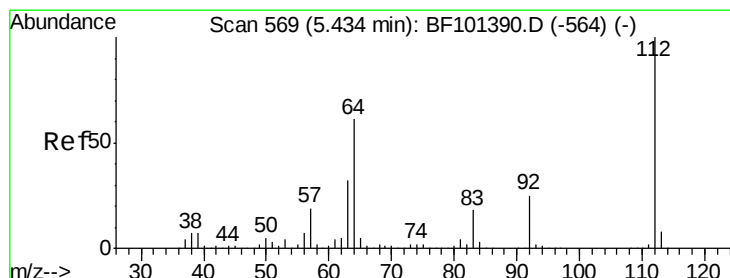
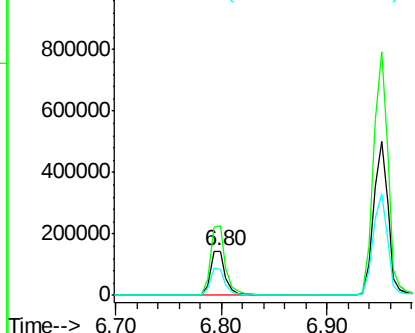
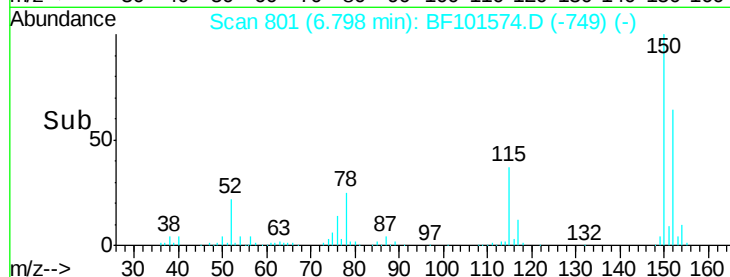
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF101574.D
Acq: 20 Dec 2017 18:12

Instrument :
BNA_F
ClientSampleId :
72-12000

Tot Ion:152 Resp: 146340
Ion Ratio Lower Upper
152 100
150 157.3 124.6 186.8
115 58.7 50.1 75.1



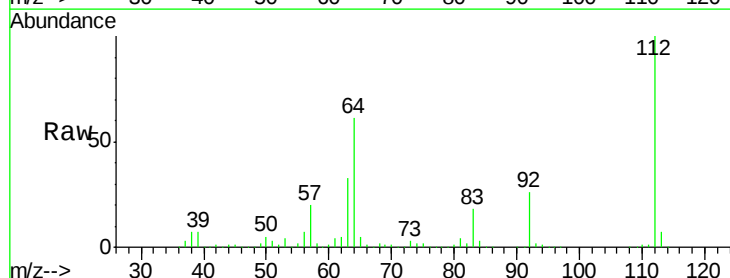
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



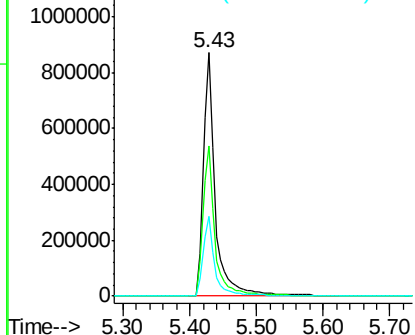
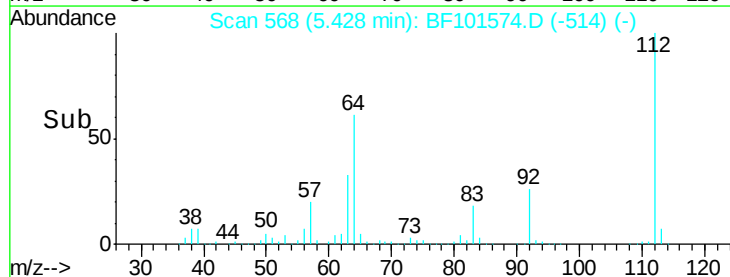
#5

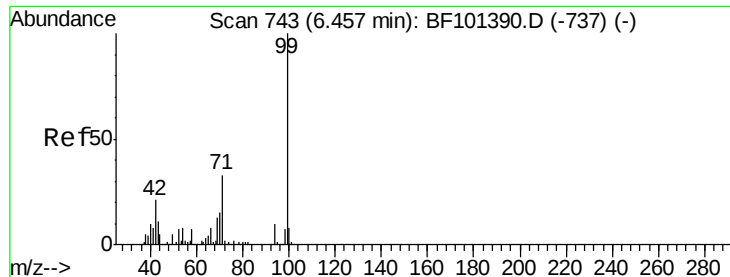
2-Fluorophenol
Concen: 108.177 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF101574.D
Acq: 20 Dec 2017 18:12

Tgt Ion:112 Resp: 1062761
Ion Ratio Lower Upper
112 100
64 61.5 47.9 71.9
63 32.8 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: 96.561 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF101574.D

Acq: 20 Dec 2017 18:12

Instrument :

BNA_F

ClientSampleId :

72-12000

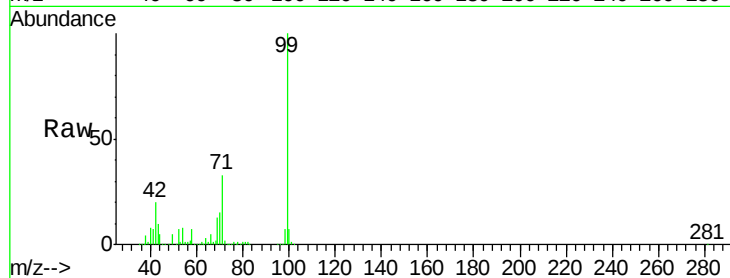
Tot Ion: 99 Resp: 1180621

Ion Ratio Lower Upper

99 100

42 20.5 14.5 21.7

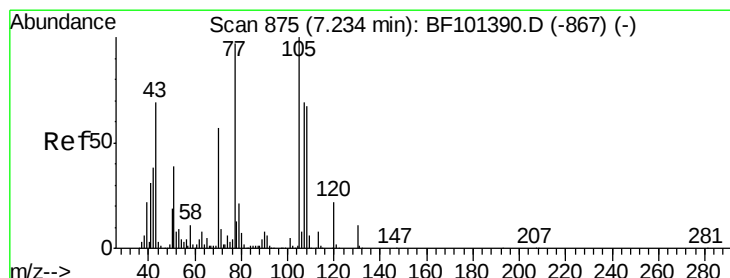
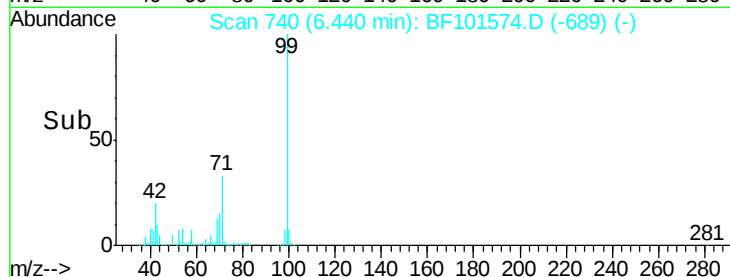
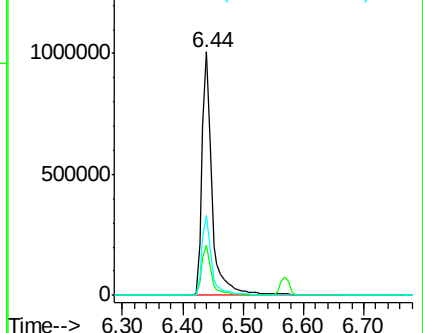
71 32.9 25.4 38.0



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: 14.654 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.15 min

Lab File: BF101574.D

Acq: 20 Dec 2017 18:12

Tgt Ion: 70 Resp: 117666

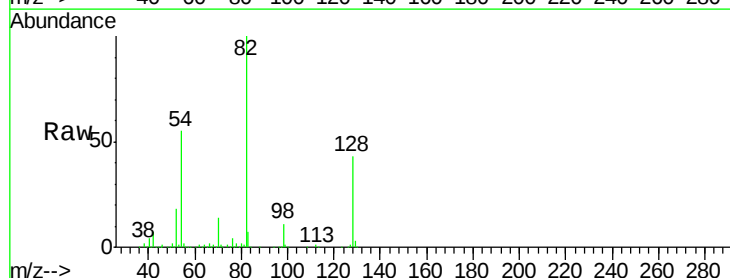
Ion Ratio Lower Upper

70 100

42 51.5 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

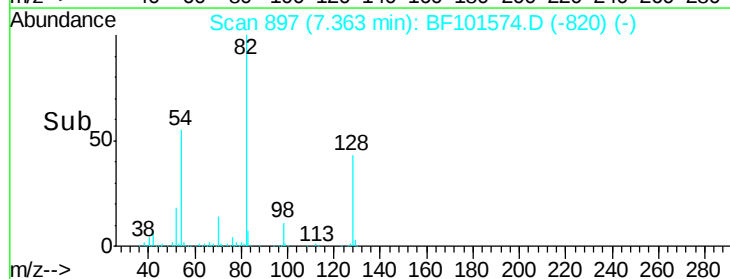
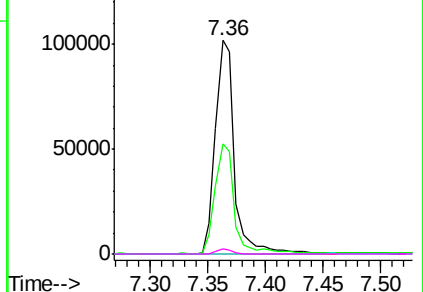


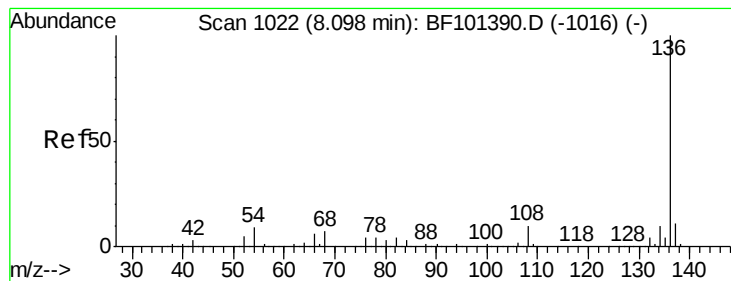
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF101574.D

Acq: 20 Dec 2017 18:12

Instrument :

BNA_F

ClientSampleId :

72-12000

Tot Ion:136 Resp: 564108

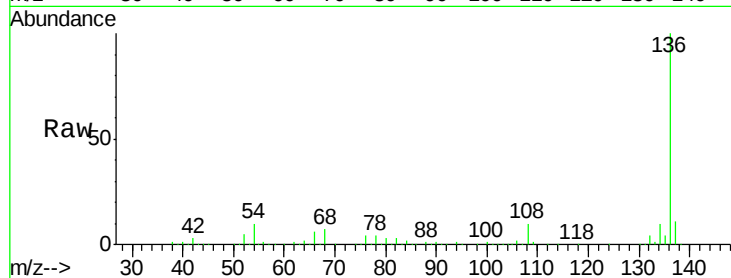
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 10.0 6.6 9.8#

68 7.2 5.0 7.4

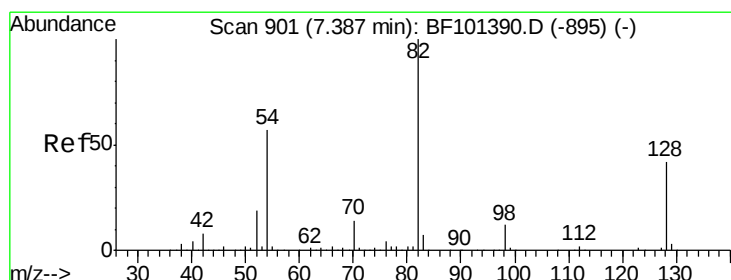
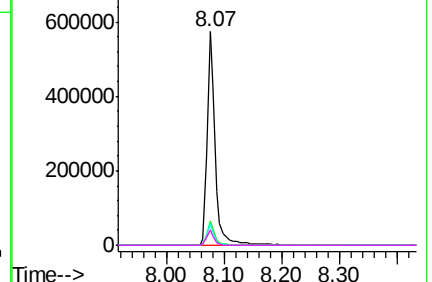
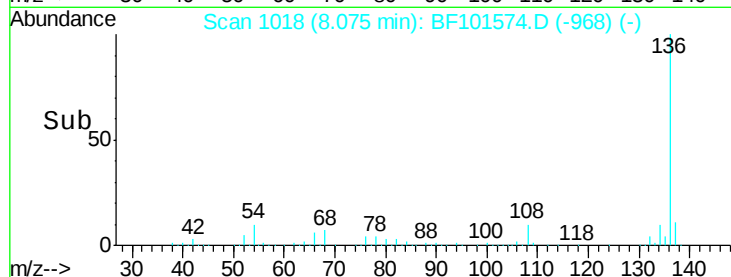


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.451 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF101574.D

Acq: 20 Dec 2017 18:12

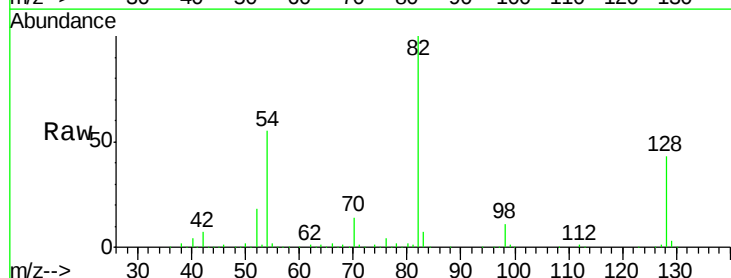
Tgt Ion: 82 Resp: 876084

Ion Ratio Lower Upper

82 100

128 42.7 36.1 54.1

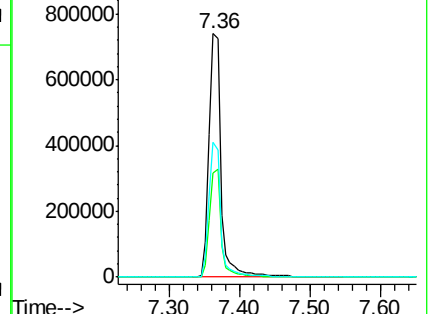
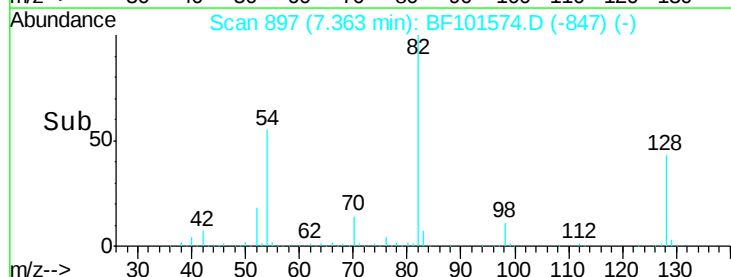
54 55.3 41.4 62.2

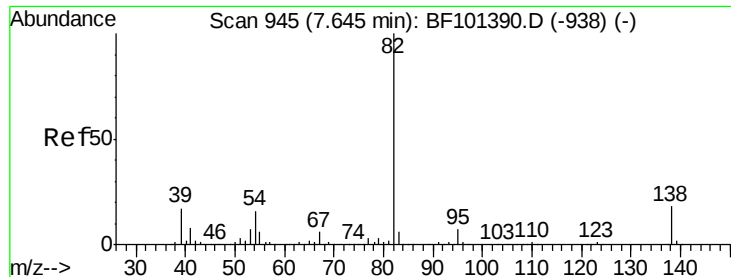


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

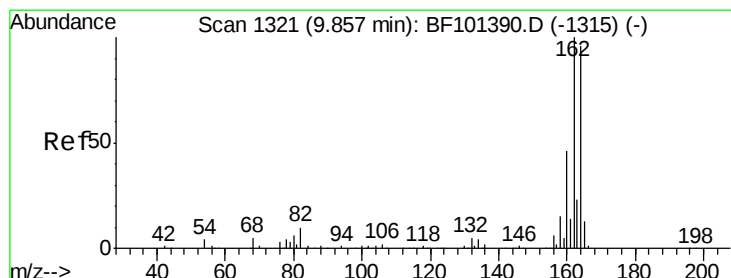
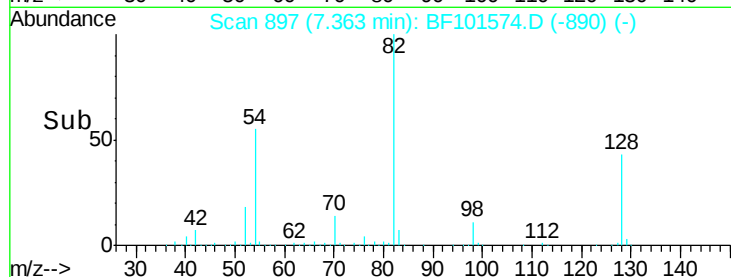
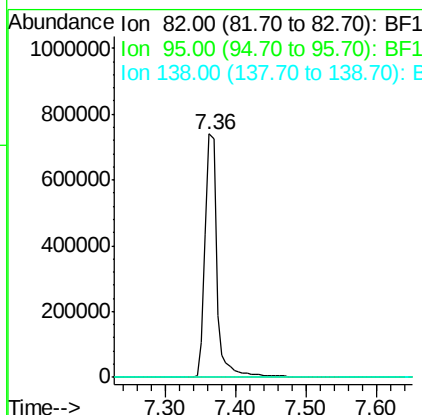
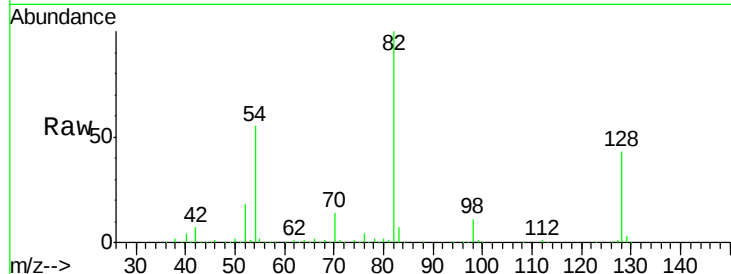




#25
Isophorone
Concen: 43.095 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.26 min
Lab File: BF101574.D
Acq: 20 Dec 2017 18:12

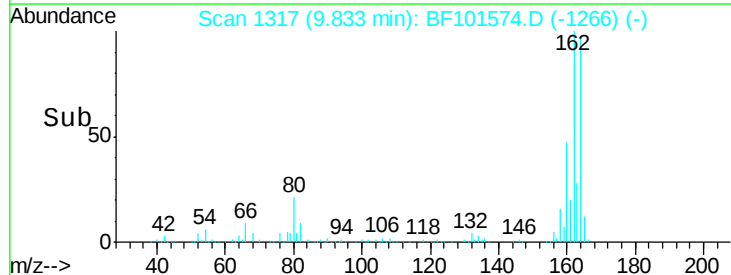
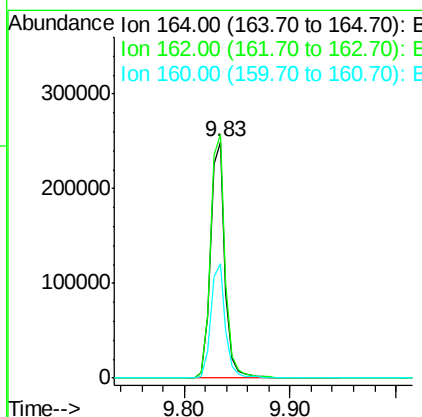
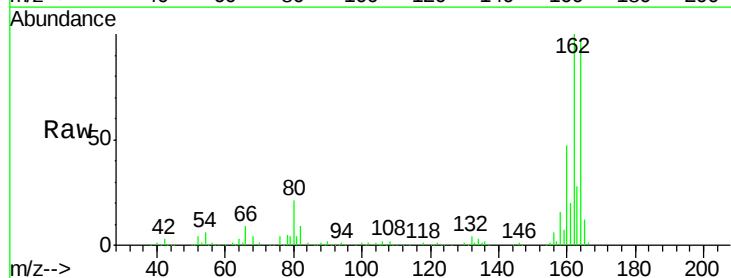
Instrument :
BNA_F
ClientSampled :
72-12000

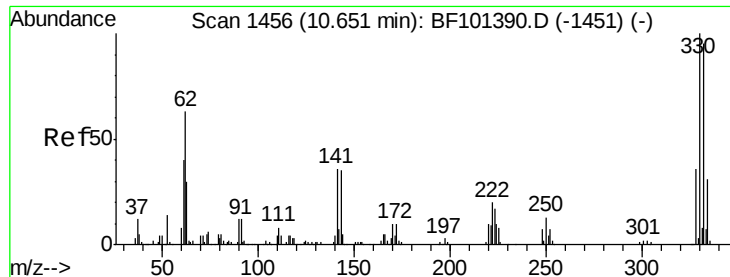
Tot Ion: 82 Resp: 876084
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF101574.D
Acq: 20 Dec 2017 18:12

Tgt Ion:164 Resp: 240216
Ion Ratio Lower Upper
164 100
162 103.1 86.1 129.1
160 48.4 38.3 57.5

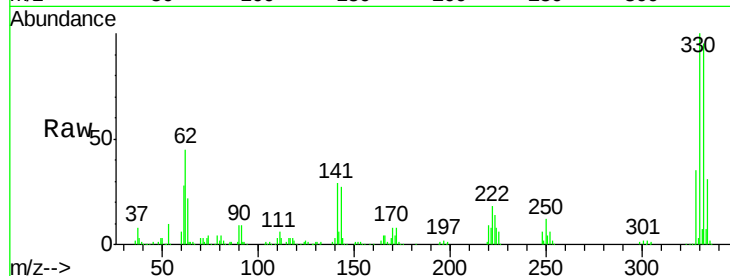




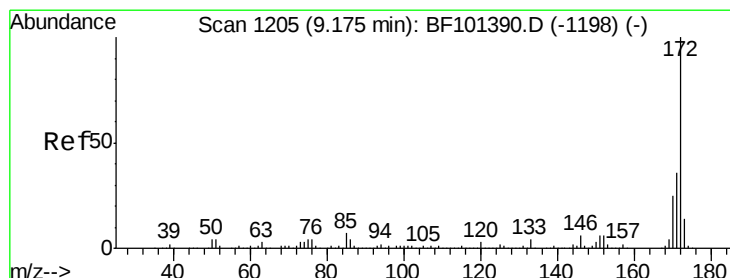
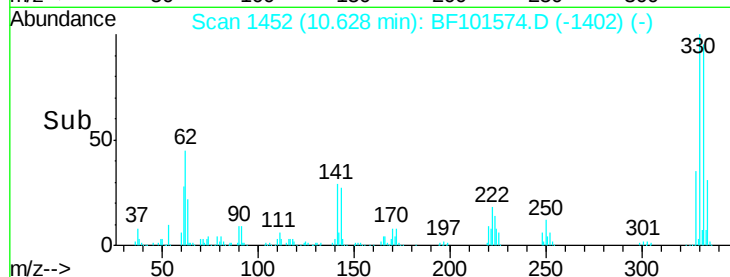
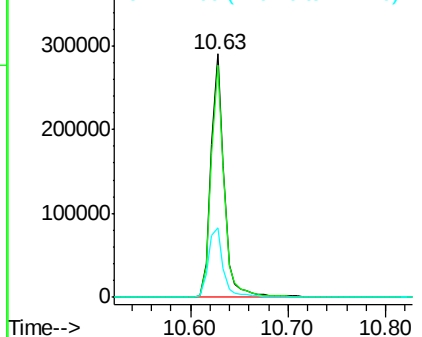
#41
 2,4,6-Tribromophenol
 Concen: 117.510 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF101574.D
 Acq: 20 Dec 2017 18:12

Instrument :
 BNA_F
 ClientSampleId :
 72-12000

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	32.9	29.9	44.9

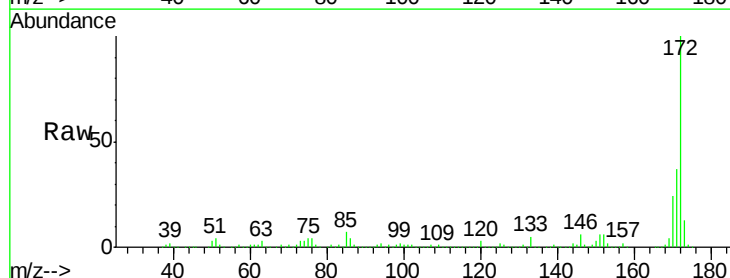


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

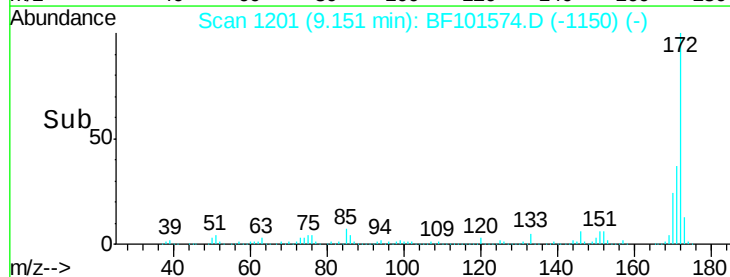
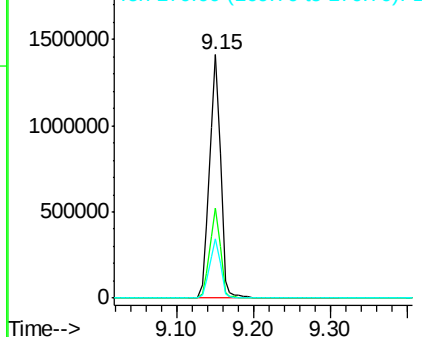


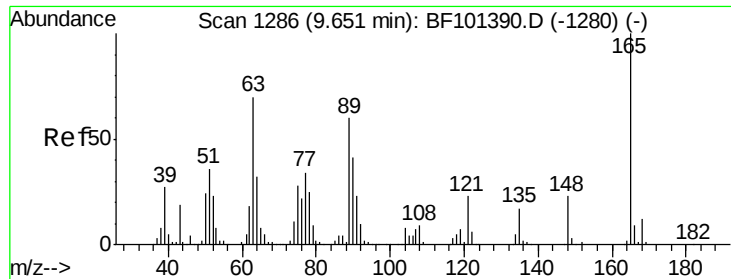
#44
 2-Fluorobiphenyl
 Concen: 90.482 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF101574.D
 Acq: 20 Dec 2017 18:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.5	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

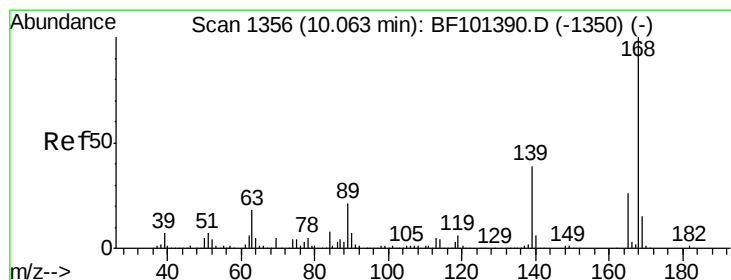
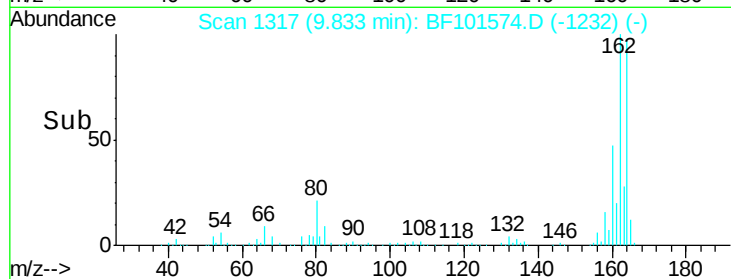
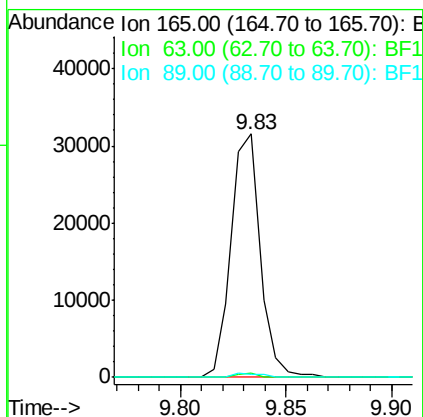
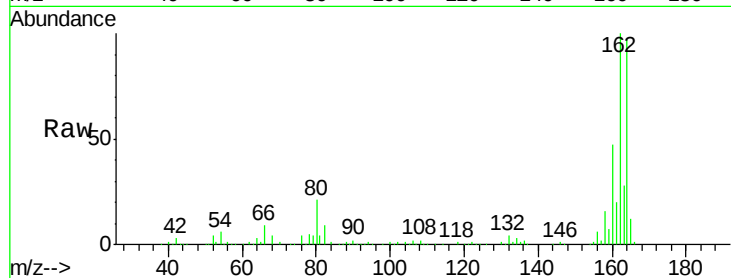




#50
 2,6-Dinitrotoluene
 Concen: 7.685 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.20 min
 Lab File: BF101574.D
 Acq: 20 Dec 2017 18:12

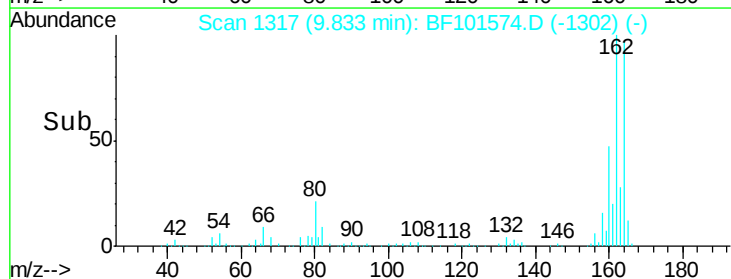
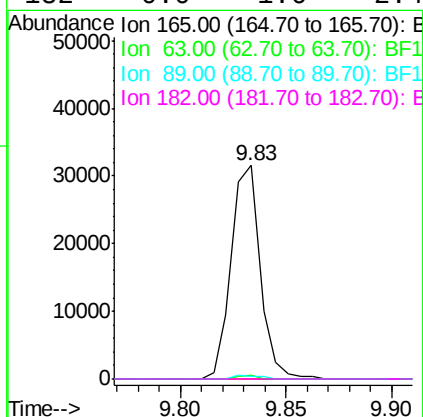
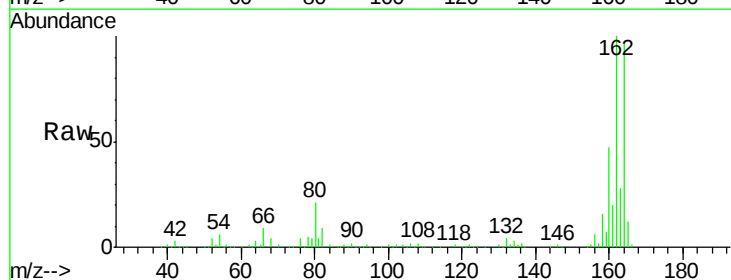
Instrument :
 BNA_F
 ClientSampleId :
 72-12000

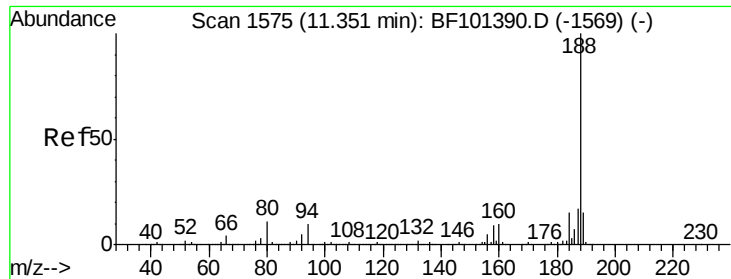
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.7	67.1#
89	1.3	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.821 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.21 min
 Lab File: BF101574.D
 Acq: 20 Dec 2017 18:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

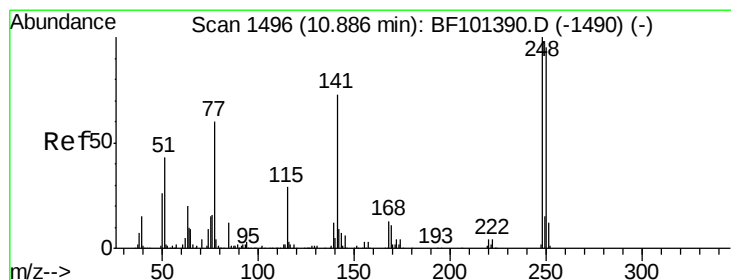
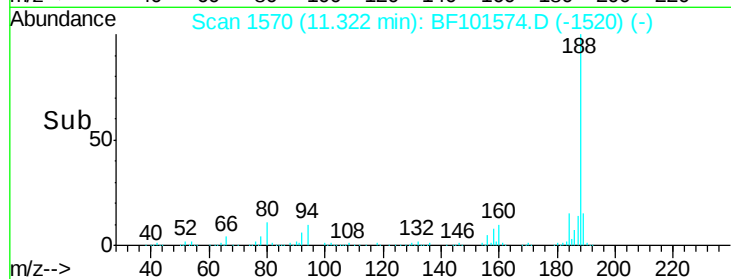
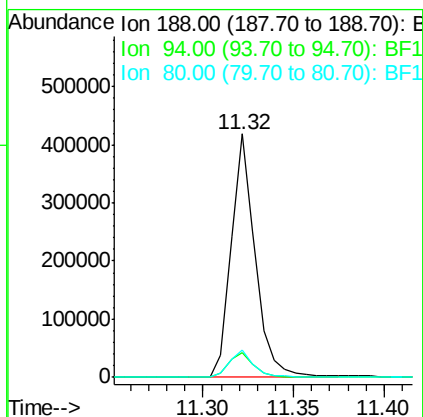
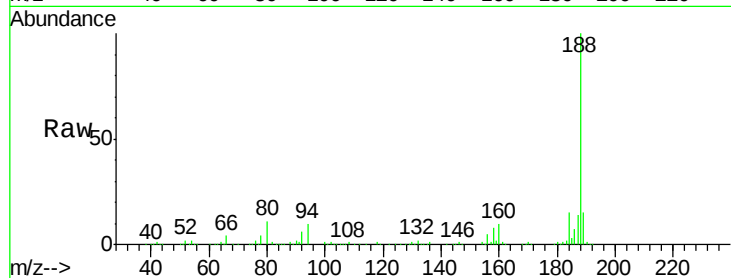




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF101574.D
Acq: 20 Dec 2017 18:12

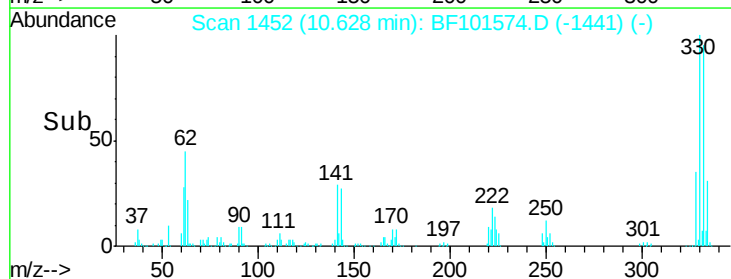
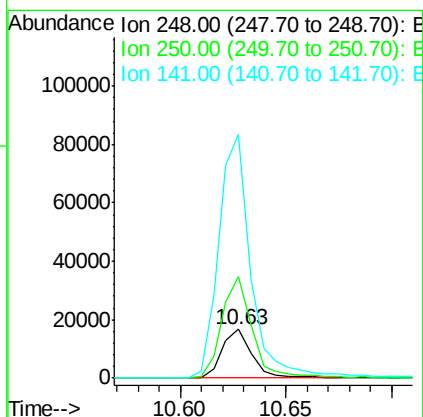
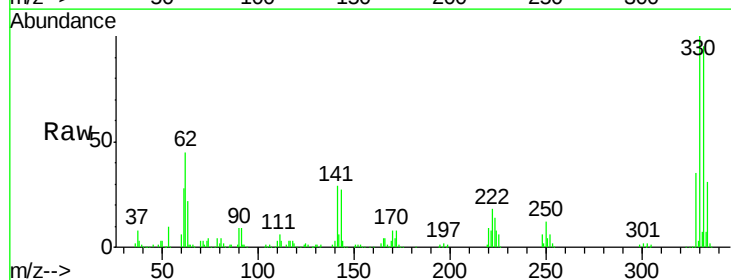
Instrument :
BNA_F
ClientSampleId :
72-12000

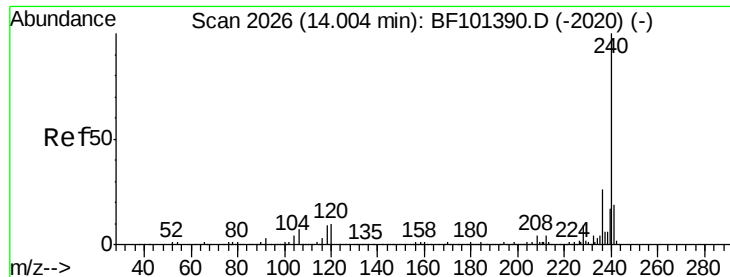
Tot Ion:188 Resp: 387702
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 11.3 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.762 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF101574.D
Acq: 20 Dec 2017 18:12

Tgt Ion:248 Resp: 16390
Ion Ratio Lower Upper
248 100
250 206.3 76.9 115.3#
141 496.7 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF101574.D

Acq: 20 Dec 2017 18:12

Instrument :

BNA_F

ClientSampleId :

72-12000

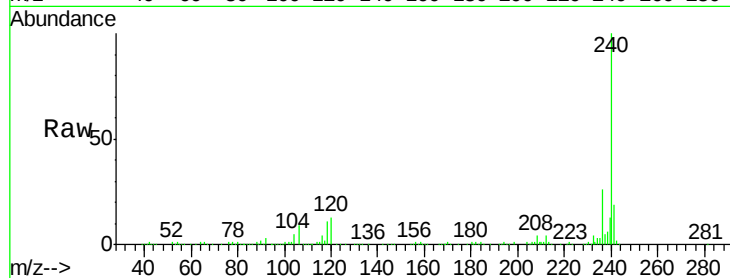
Tot Ion:240 Resp: 262069

Ion Ratio Lower Upper

240 100

120 13.0 9.5 14.3

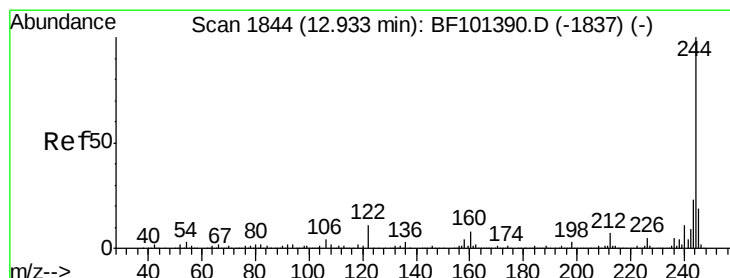
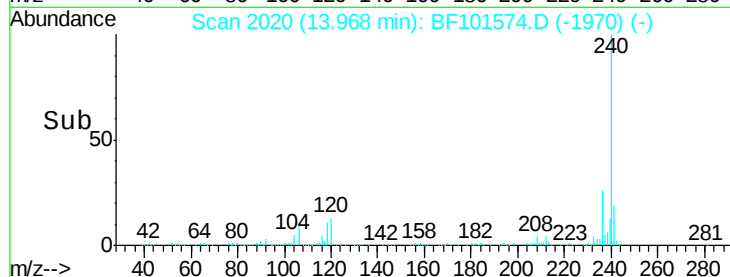
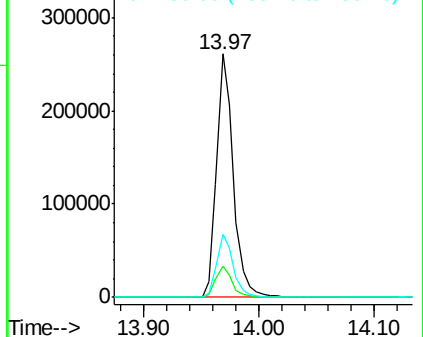
236 25.9 20.7 31.1



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: 95.241 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF101574.D

Acq: 20 Dec 2017 18:12

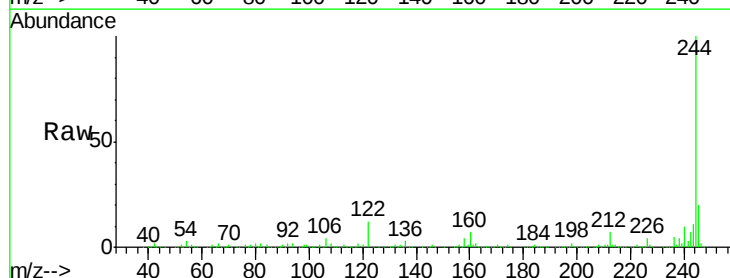
Tgt Ion:244 Resp: 1035337

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

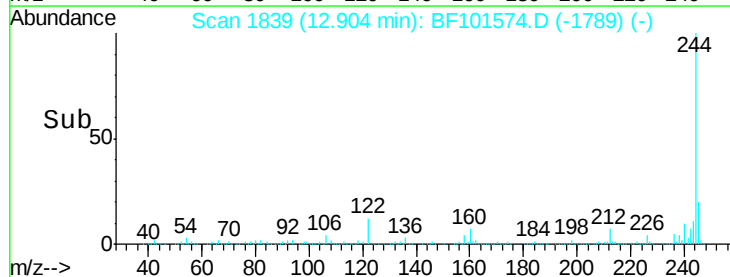
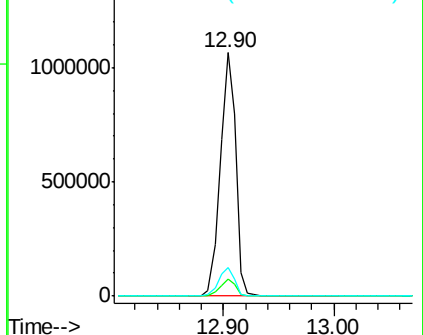
122 11.7 11.0 16.4

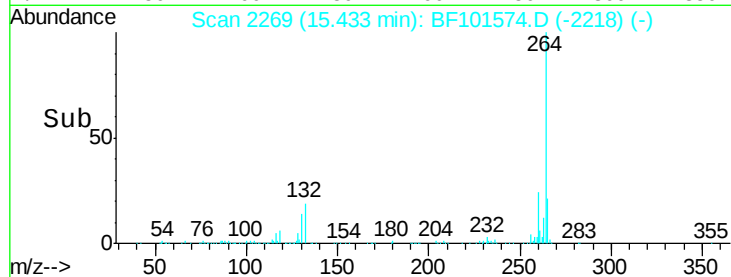
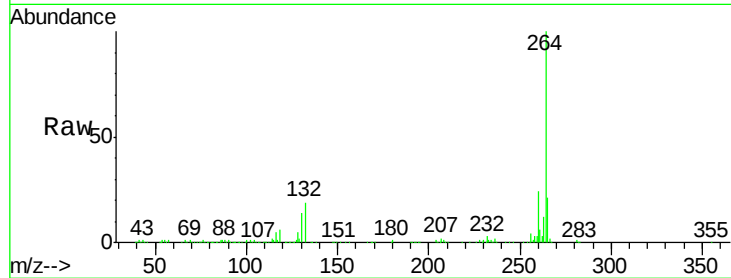
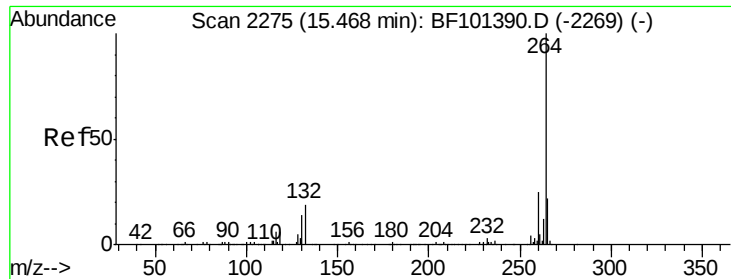


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2269

Delta R.T. 0.00 min

Lab File: BF101574.D

Acq: 20 Dec 2017 18:12

Instrument :

BNA_F

ClientSampleId :

72-12000

Tot Ion:264 Resp: 310116

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.4 17.5 26.3

