

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122017\
 Data File : BF101565.D
 Acq On : 20 Dec 2017 14:08
 Operator : SJ/JU
 Sample : I6958-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-4

Quant Time: Dec 20 15:00:15 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

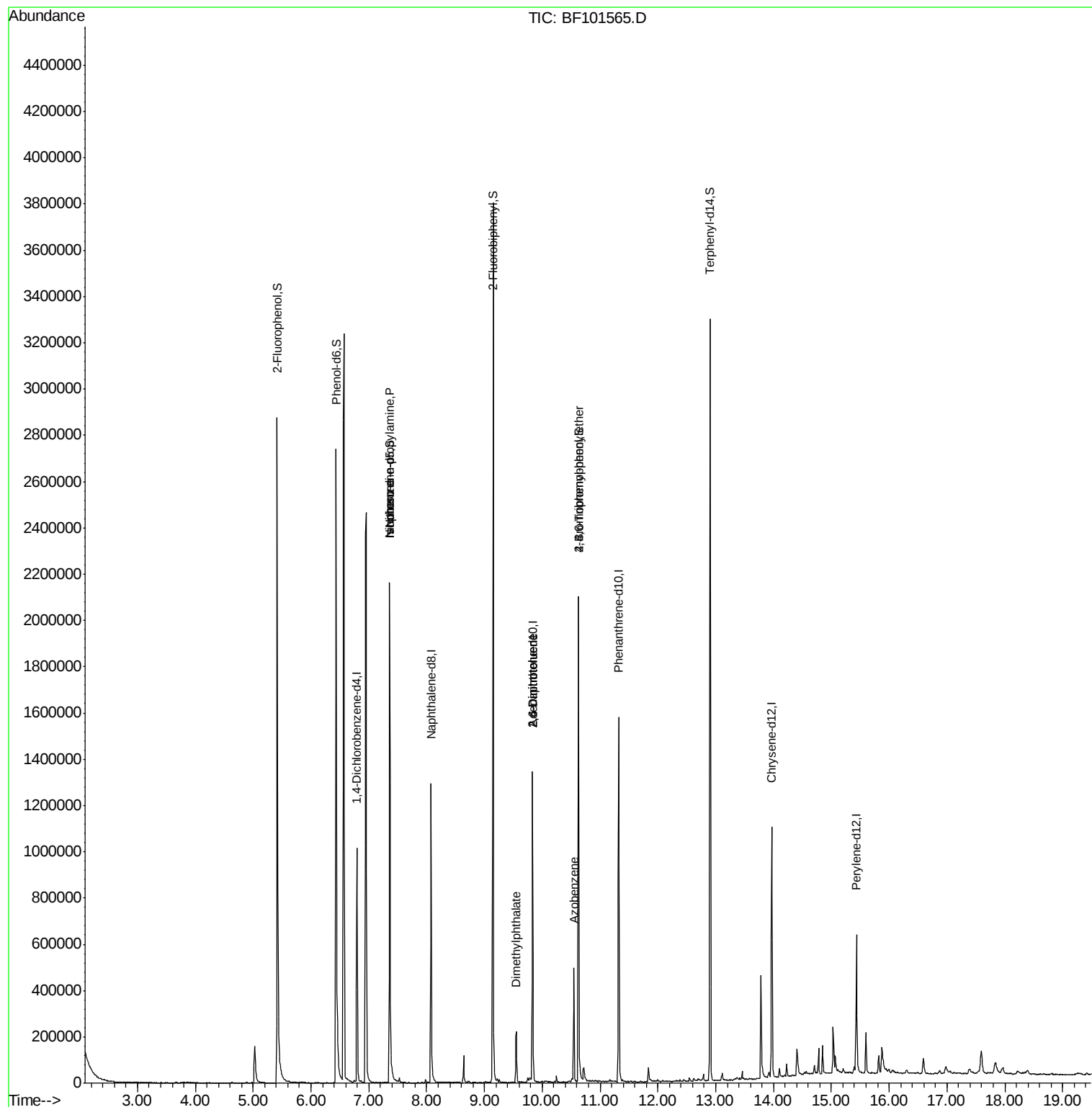
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	153300	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	619262	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	278854	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	530701	20.00	ng	0.00
75) Chrysene-d12	13.97	240	377997	20.00	ng	0.00
86) Perylene-d12	15.43	264	297022	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	968945	94.15	ng	0.00
7) Phenol-d6	6.43	99	1174695	91.71	ng	0.00
23) Nitrobenzene-d5	7.36	82	765817	68.84	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	260829	97.07	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1262938	70.26	ng	0.00
78) Terphenyl-d14	12.90	244	1236503	78.86	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	102410	12.175	ng	Qvalue # 81
25) Isophorone	7.36	82	765817	34.316	ng	# 64
49) Dimethylphthalate	9.55	163	99980	4.457	ng	98
50) 2,6-Dinitrotoluene	9.83	165	35029	7.684	ng	# 26
56) 2,4-Dinitrotoluene	9.83	165	35029	6.820	ng	# 24
62) Azobenzene	10.55	77	85424	3.713	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	16272	2.729	ng	# 1

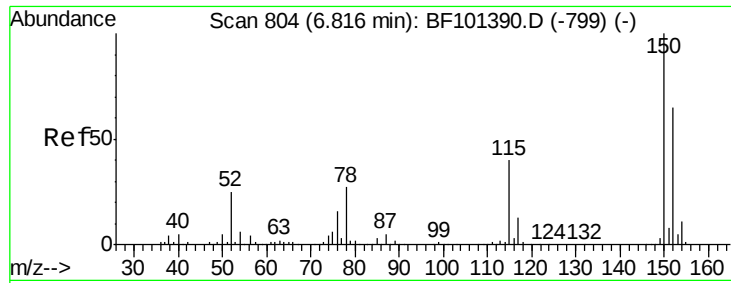
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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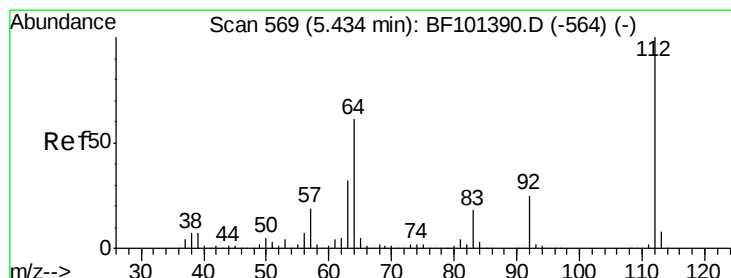
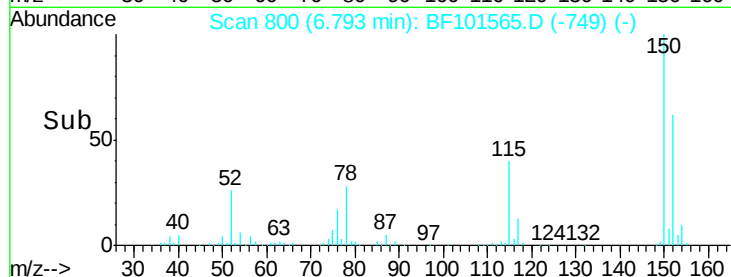
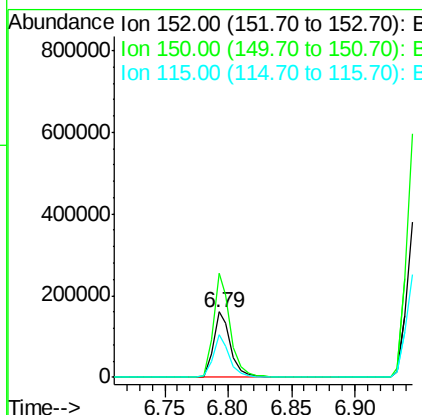
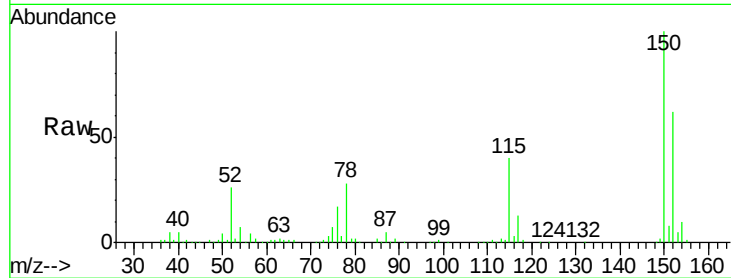




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF101565.D
 Acq: 20 Dec 2017 14:08

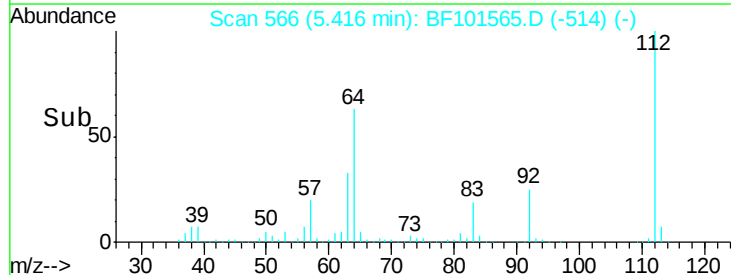
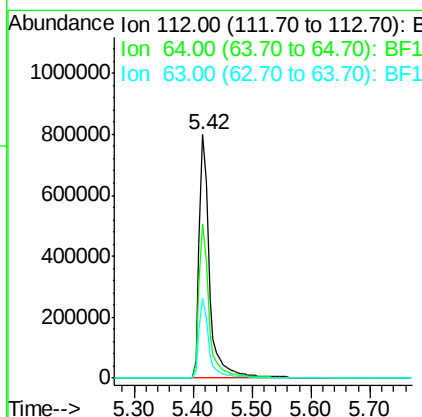
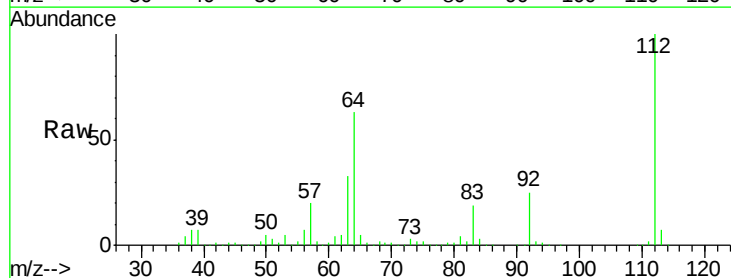
Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-4

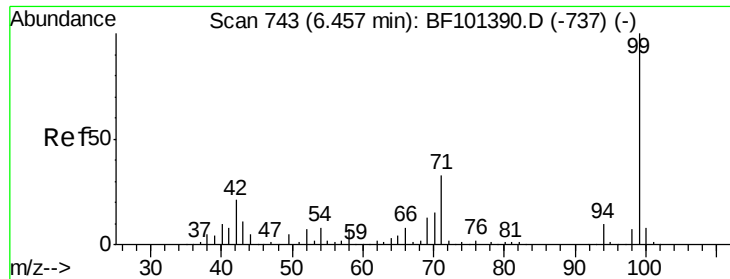
Tgt Ion:152 Resp: 153300
 Ion Ratio Lower Upper
 152 100
 150 160.0 124.6 186.8
 115 64.8 50.1 75.1



#5
 2-Fluorophenol
 Concen: 94.150 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: BF101565.D
 Acq: 20 Dec 2017 14:08

Tgt Ion:112 Resp: 968945
 Ion Ratio Lower Upper
 112 100
 64 63.1 47.9 71.9
 63 32.6 23.7 35.5





#7

Phenol-d6

Concen: 91.715 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF101565.D

Acq: 20 Dec 2017 14:08

Instrument :

BNA_F

ClientSampleId :

DRUM-1-4

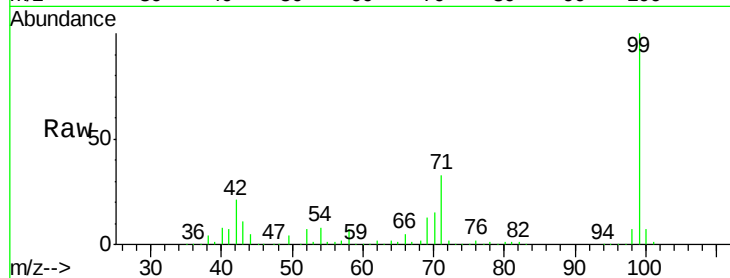
Tgt Ion: 99 Resp: 1174695

Ion Ratio Lower Upper

99 100

42 21.1 14.5 21.7

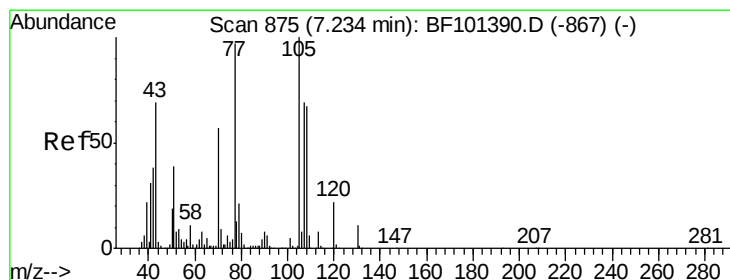
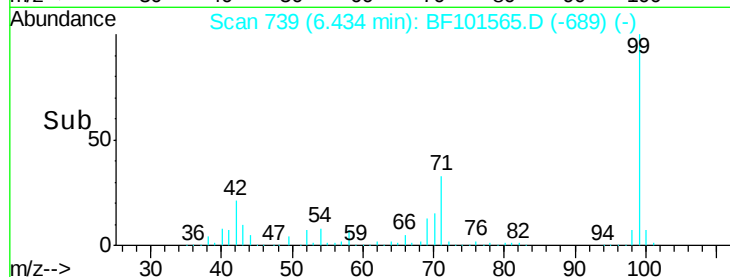
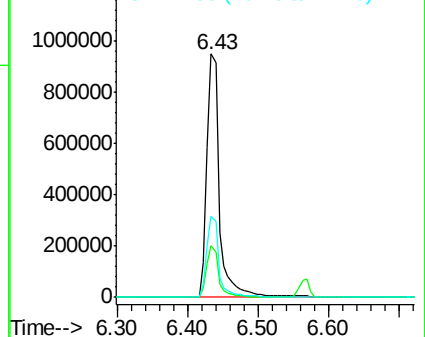
71 33.3 25.4 38.0



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: 12.175 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.15 min

Lab File: BF101565.D

Acq: 20 Dec 2017 14:08

Tgt Ion: 70 Resp: 102410

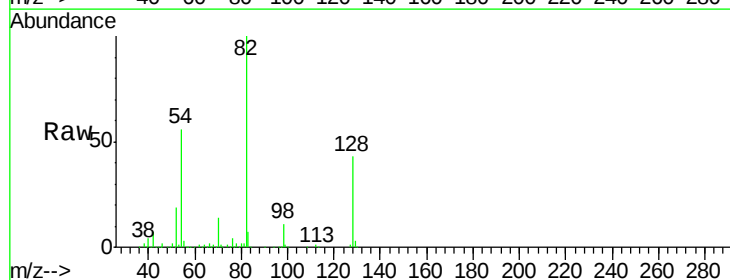
Ion Ratio Lower Upper

70 100

42 52.0 47.5 71.3

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#

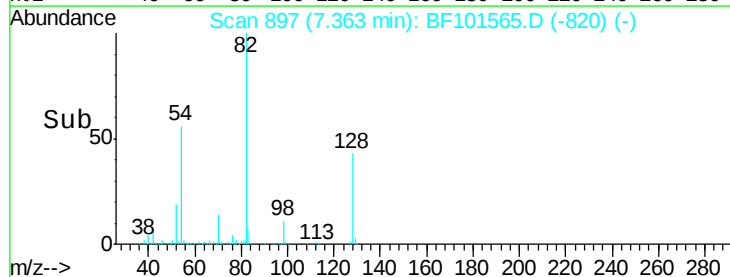
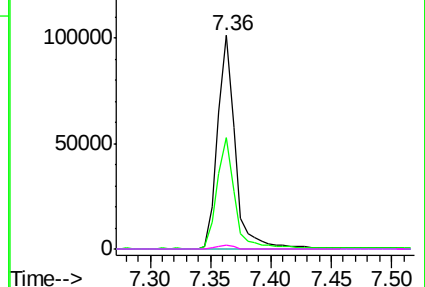


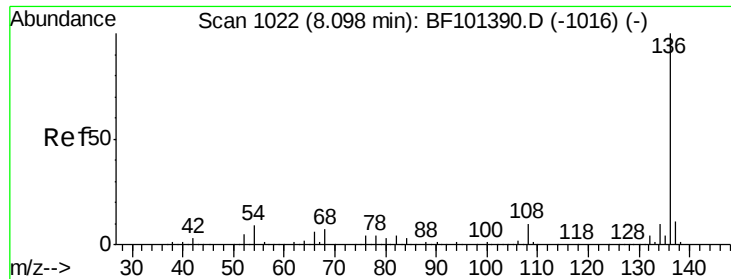
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

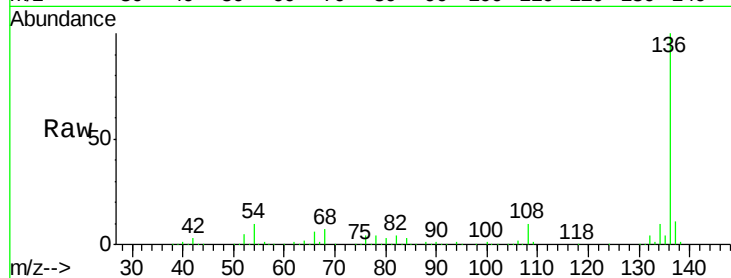




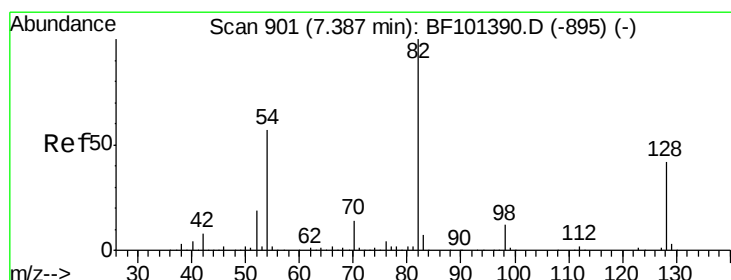
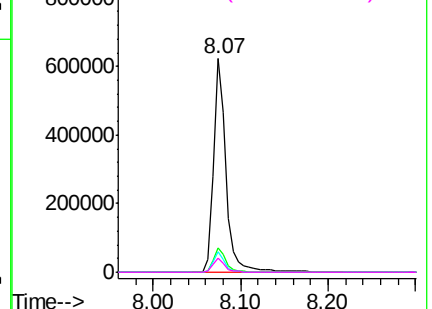
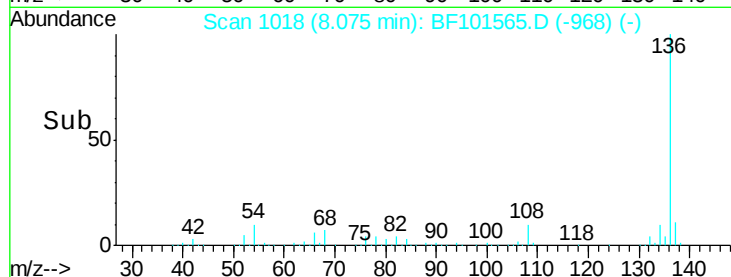
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF101565.D
Acq: 20 Dec 2017 14:08

Instrument :
BNA_F
ClientSampleId :
DRUM-1-4

Tgt Ion:	136	Resp:	619262
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.6	6.6	9.8
68	6.8	5.0	7.4

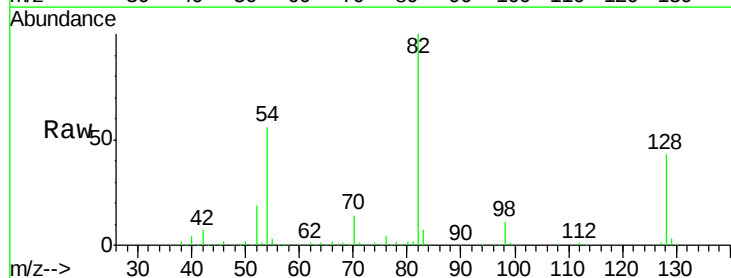


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

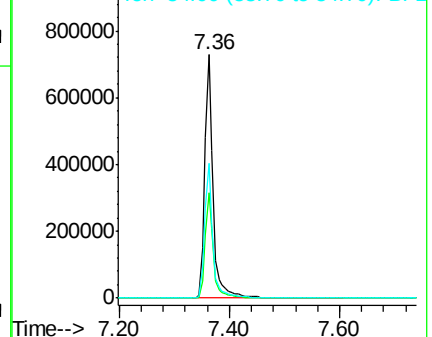
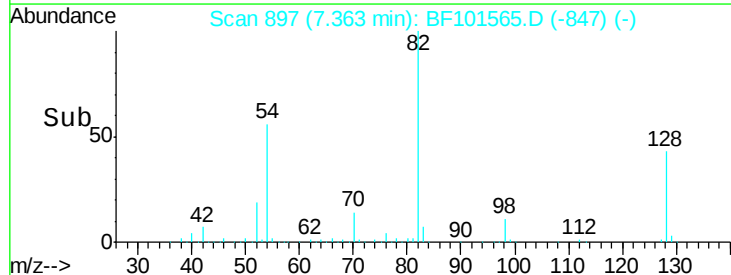


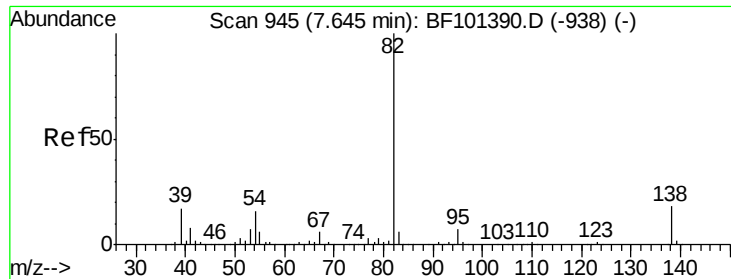
#23
Nitrobenzene-d5
Concen: 68.840 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF101565.D
Acq: 20 Dec 2017 14:08

Tgt Ion:	82	Resp:	765817
Ion	Ratio	Lower	Upper
82	100		
128	43.2	36.1	54.1
54	55.6	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: 34.316 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.26 min

Lab File: BF101565.D

Acq: 20 Dec 2017 14:08

Instrument :

BNA_F

ClientSampleID :

DRUM-1-4

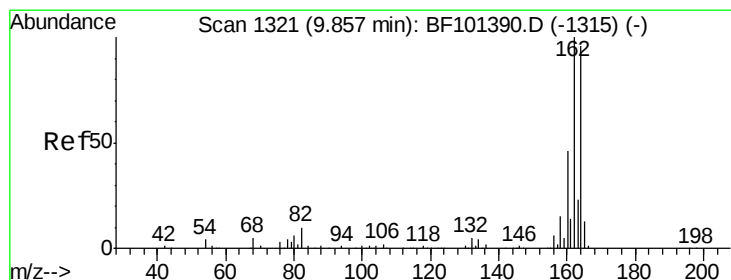
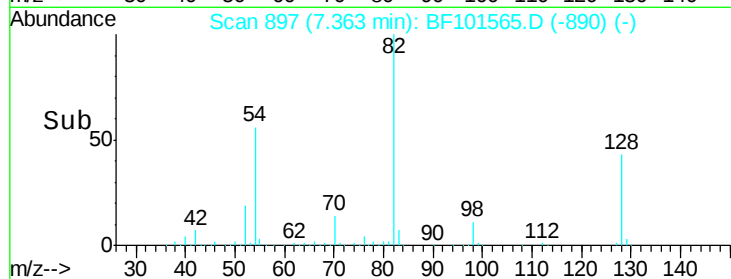
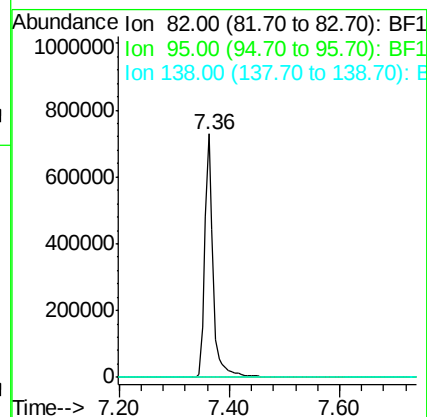
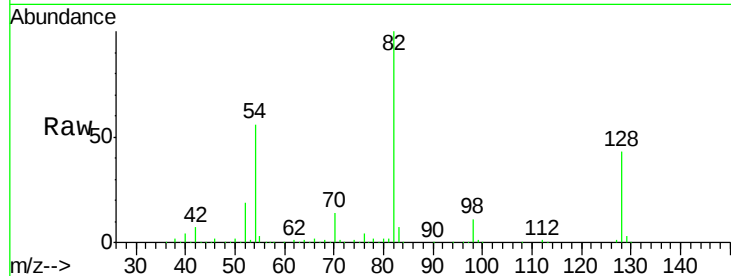
Tgt Ion: 82 Resp: 765817

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: BF101565.D

Acq: 20 Dec 2017 14:08

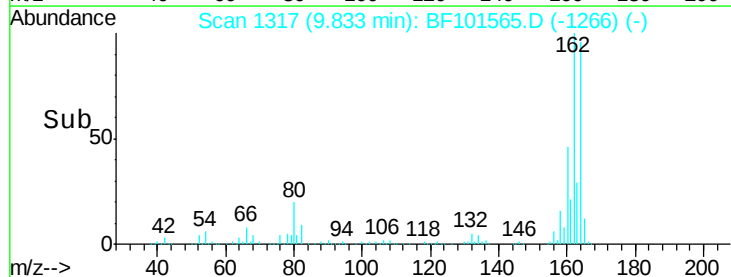
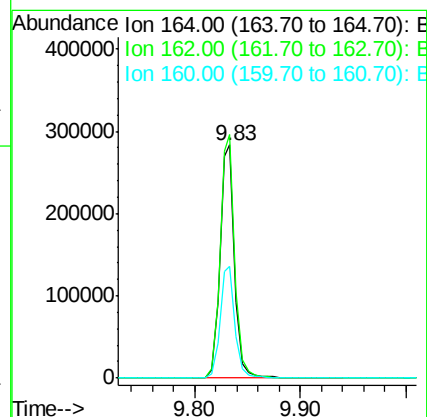
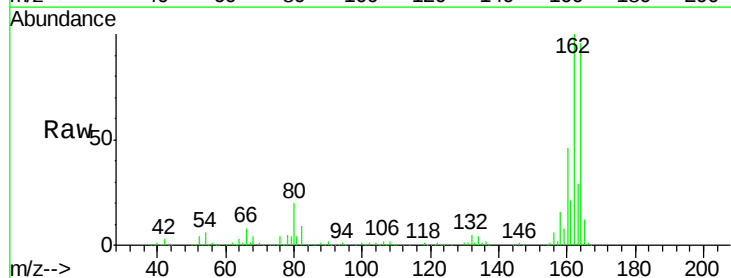
Tgt Ion: 164 Resp: 278854

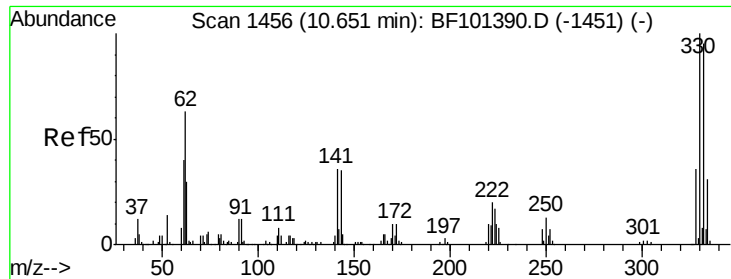
Ion Ratio Lower Upper

164 100

162 104.4 86.1 129.1

160 47.9 38.3 57.5

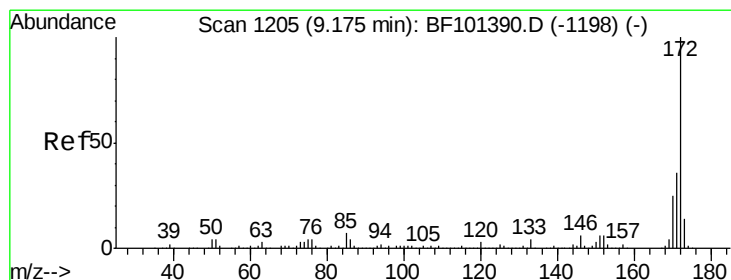
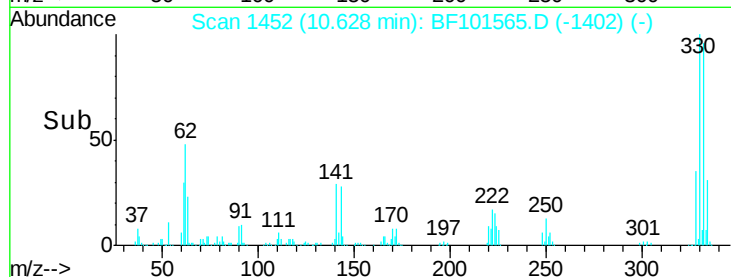
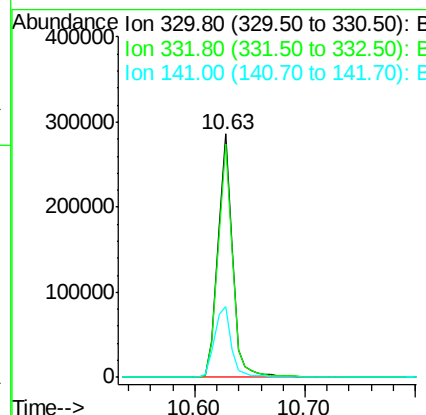
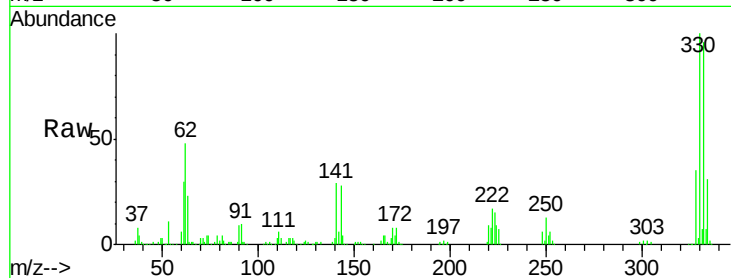




#41
 2,4,6-Tribromophenol
 Concen: 97.072 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF101565.D
 Acq: 20 Dec 2017 14:08

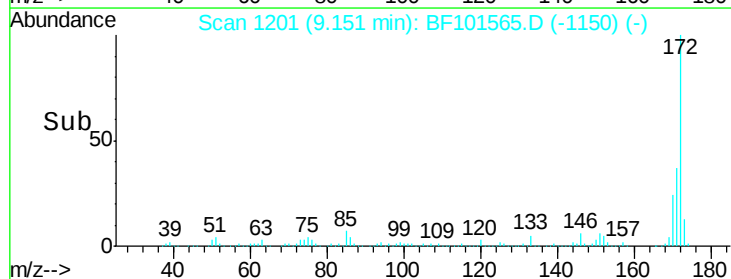
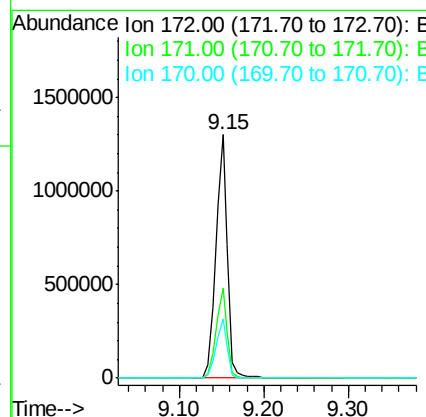
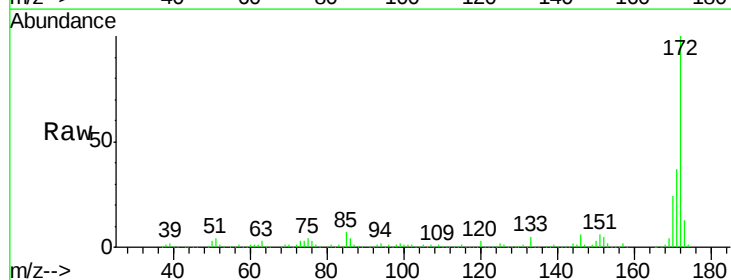
Instrument :
 BNA_F
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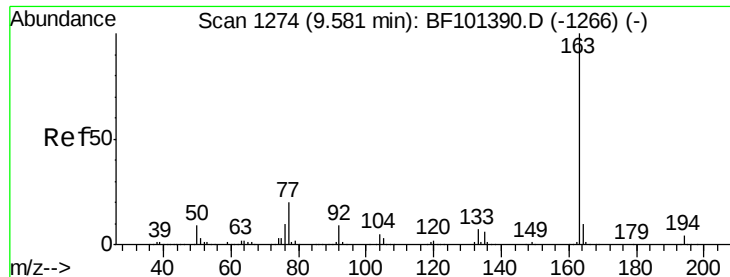
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	33.6	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 70.256 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF101565.D
 Acq: 20 Dec 2017 14:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.2	19.6	29.4

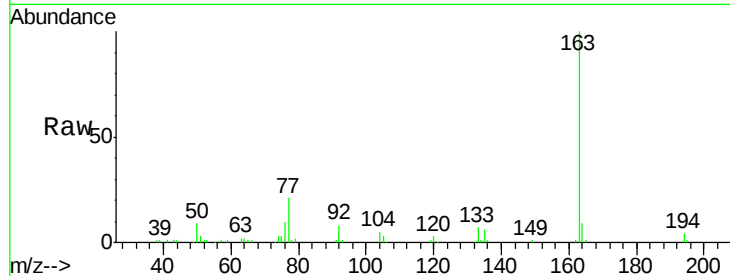




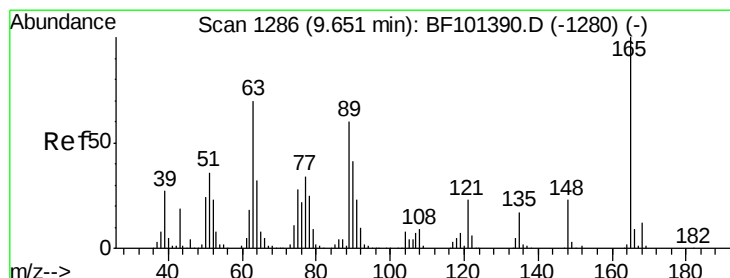
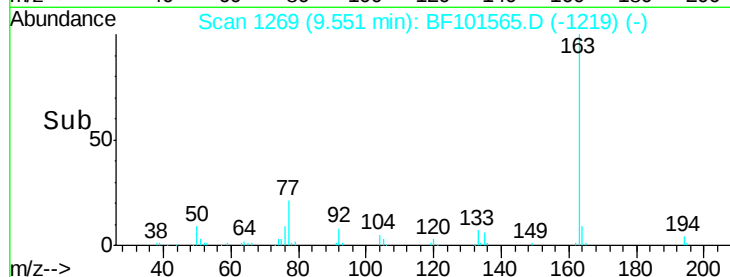
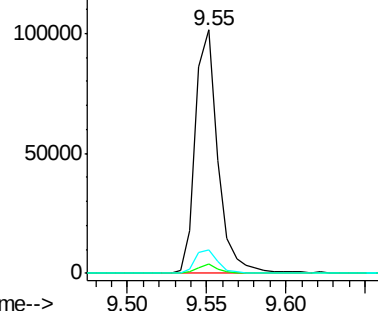
#49
Dimethylphthalate
Concen: 4.457 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF101565.D
Acq: 20 Dec 2017 14:08

Instrument :
BNA_F
ClientSampleId :
DRUM-1-4

Tgt Ion:163 Resp: 99980
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.4 8.2 12.2

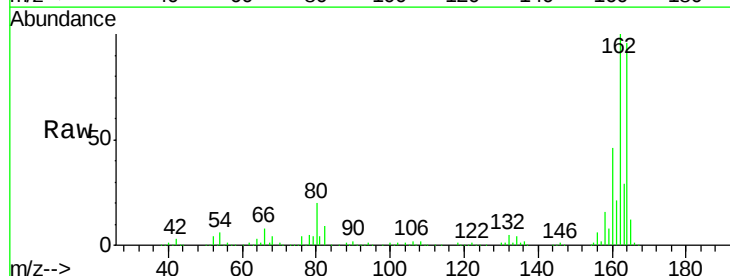


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

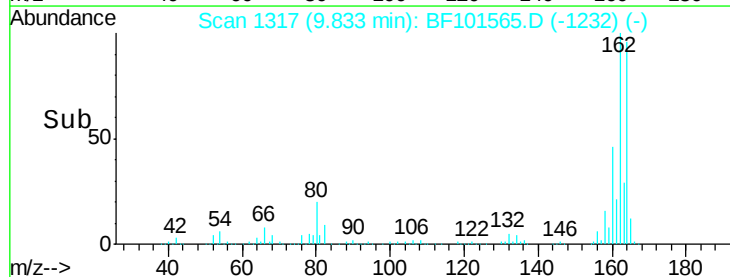
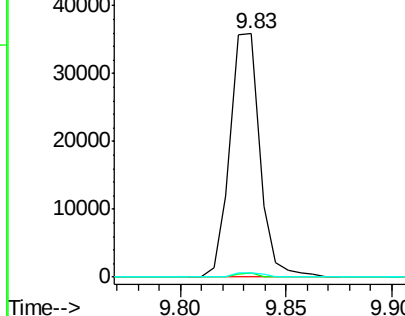


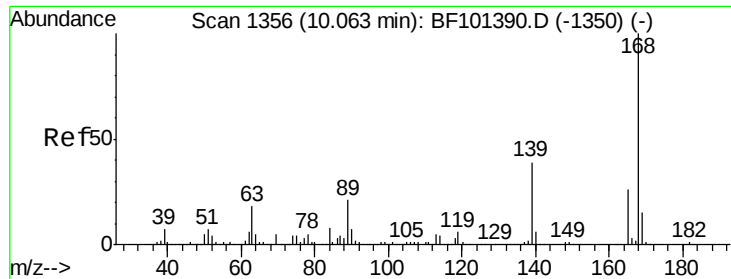
#50
2,6-Dinitrotoluene
Concen: 7.684 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.20 min
Lab File: BF101565.D
Acq: 20 Dec 2017 14:08

Tgt Ion:165 Resp: 35029
Ion Ratio Lower Upper
165 100
63 1.6 44.7 67.1#
89 1.7 44.0 66.0#



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

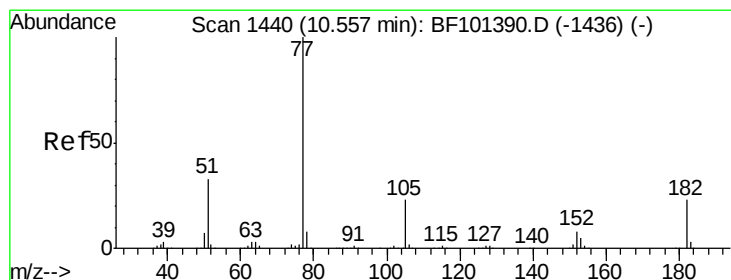
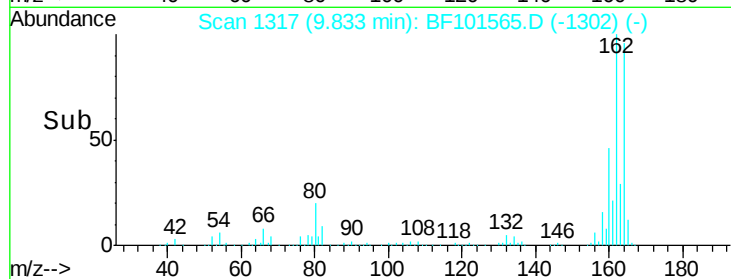
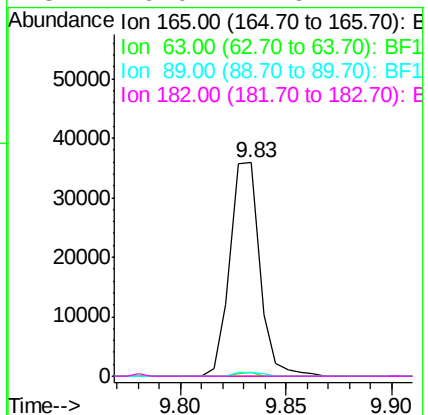
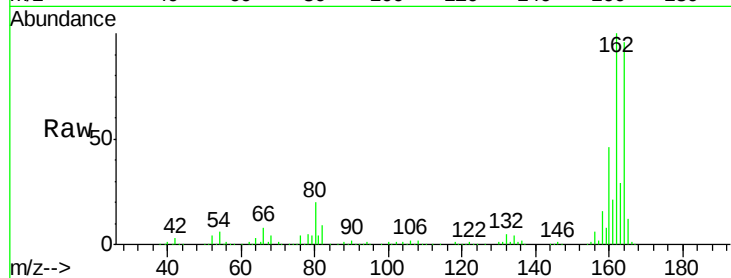




#56
2,4-Dinitrotoluene
Concen: 6.820 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.21 min
Lab File: BF101565.D
Acq: 20 Dec 2017 14:08

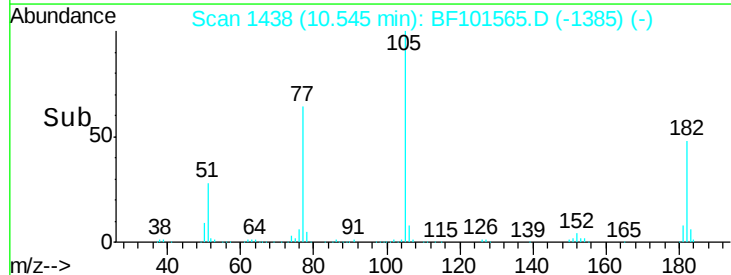
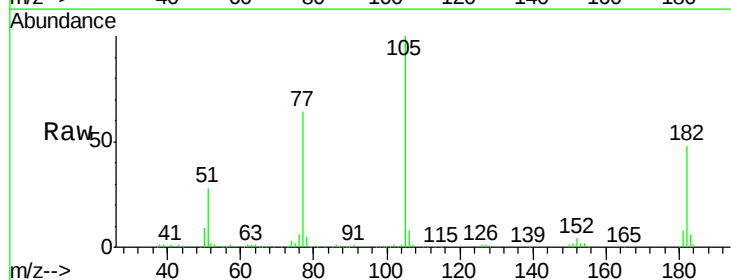
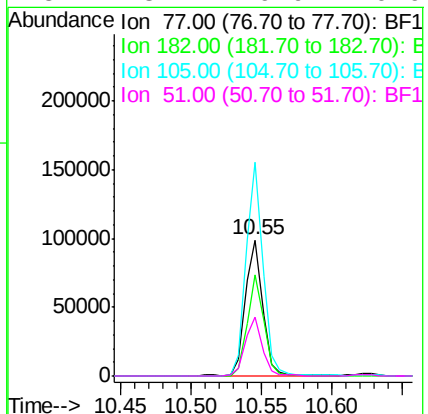
Instrument :
BNA_F
ClientSampled :
DRUM-1-4

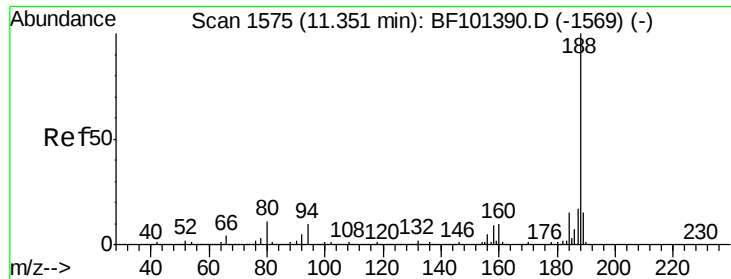
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#



#62
Azobenzene
Concen: 3.713 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BF101565.D
Acq: 20 Dec 2017 14:08

Tgt Ion	Ratio	Lower	Upper
77	100		
182	74.8	1.7	41.7#
105	157.0	3.0	43.0#
51	43.2	9.9	49.9

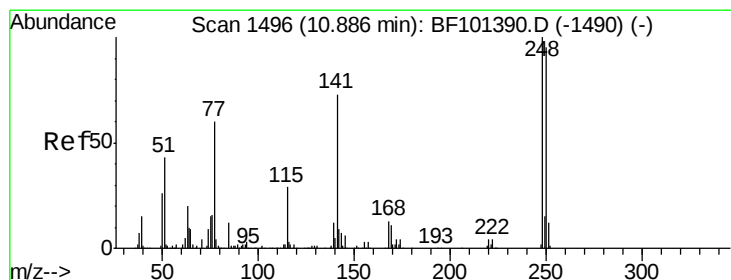
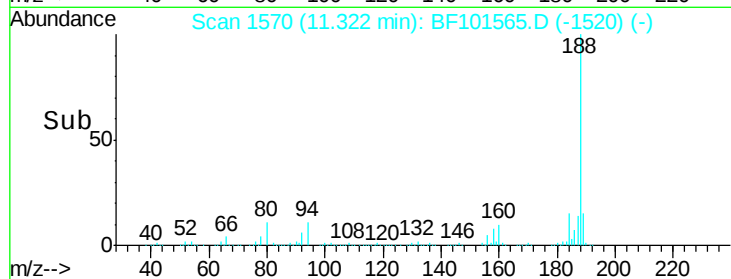
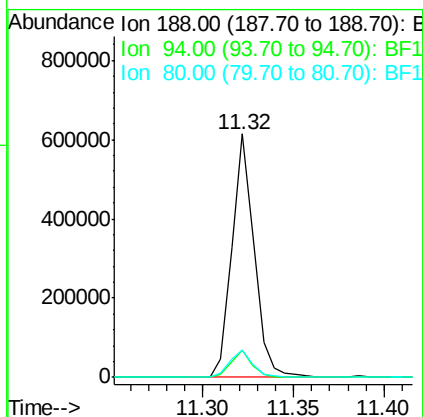
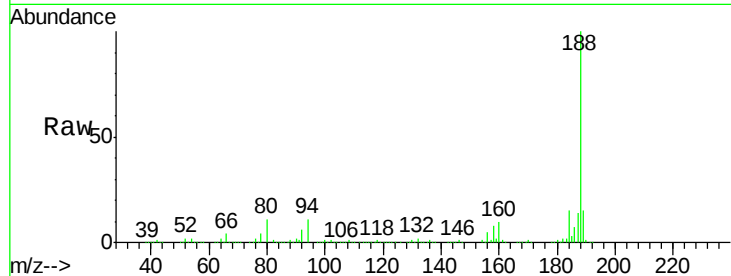




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF101565.D
Acq: 20 Dec 2017 14:08

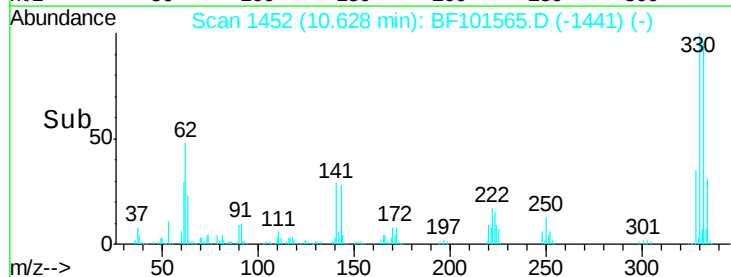
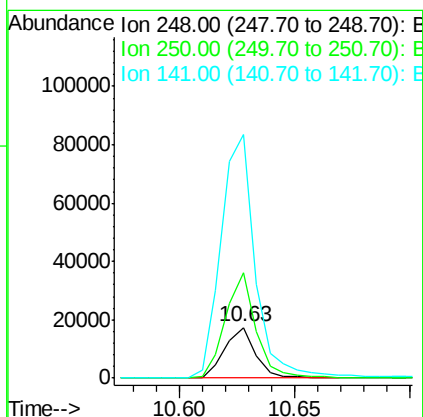
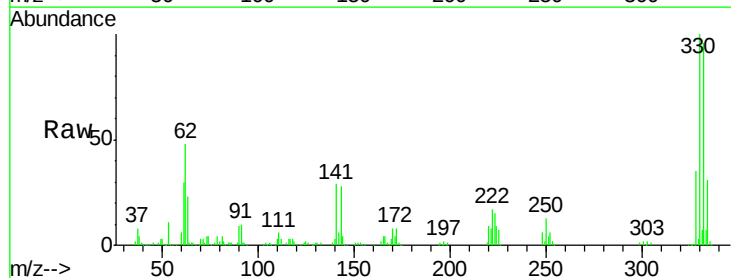
Instrument :
BNA_F
ClientSampleId :
DRUM-1-4

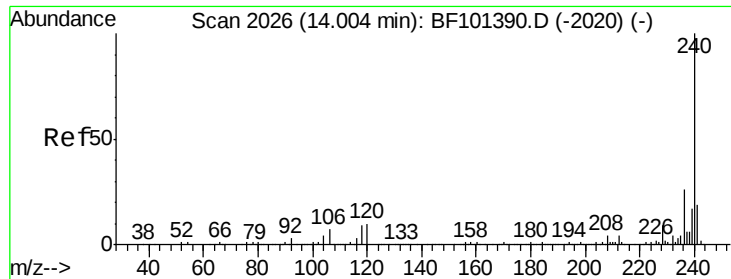
Tgt Ion:188 Resp: 530701
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 11.3 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.729 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF101565.D
Acq: 20 Dec 2017 14:08

Tgt Ion:248 Resp: 16272
Ion Ratio Lower Upper
248 100
250 208.2 76.9 115.3#
141 478.7 74.4 111.6#

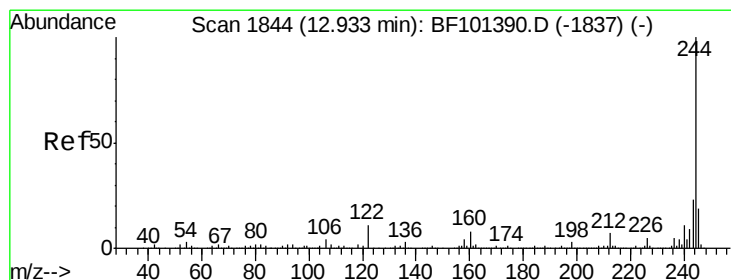
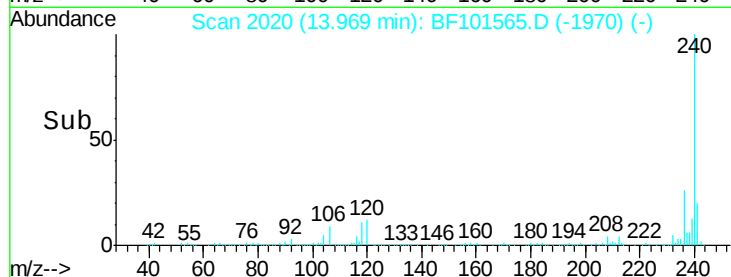
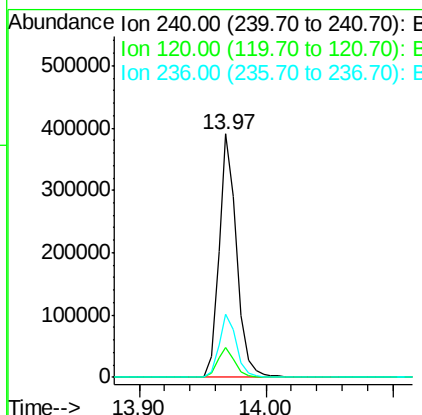
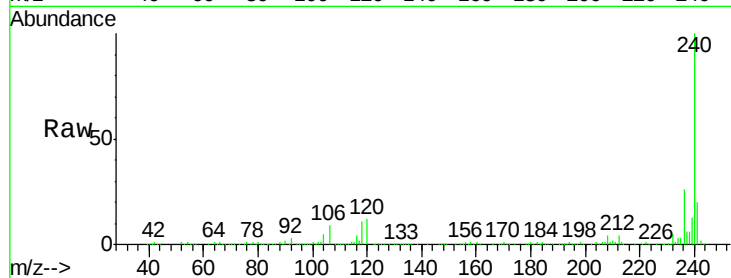




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF101565.D
 Acq: 20 Dec 2017 14:08

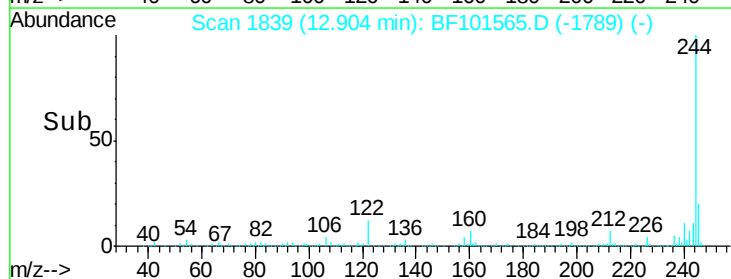
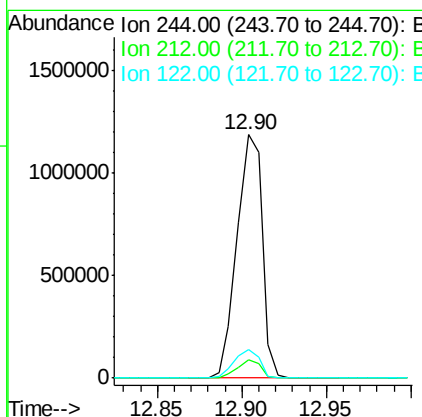
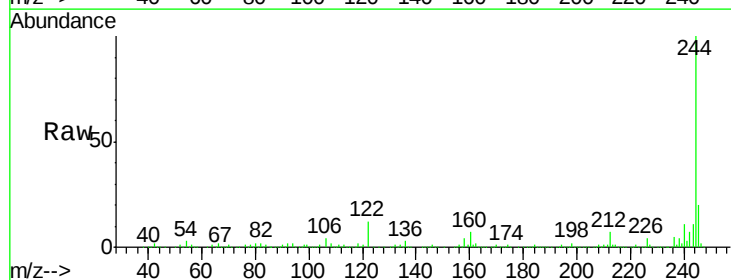
Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-4

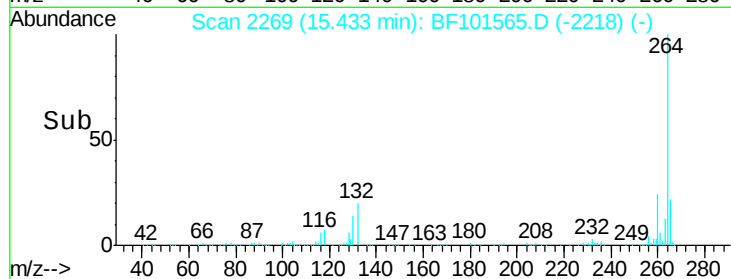
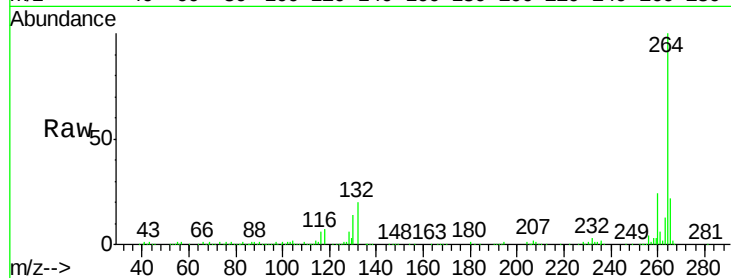
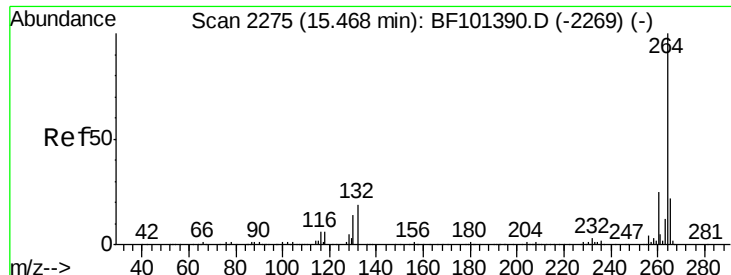
Tgt Ion:240 Resp: 377997
 Ion Ratio Lower Upper
 240 100
 120 12.4 9.5 14.3
 236 26.0 20.7 31.1



#78
 Terphenyl-d14
 Concen: 78.861 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF101565.D
 Acq: 20 Dec 2017 14:08

Tgt Ion:244 Resp: 1236503
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 11.8 11.0 16.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2269

Delta R.T. 0.00 min

Lab File: BF101565.D

Acq: 20 Dec 2017 14:08

Instrument :

BNA_F

ClientSampleId :

DRUM-1-4

Tgt Ion: 264 Resp: 297022

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 21.7 17.5 26.3

