

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
 Data File : BF107324.D
 Acq On : 12 Jul 2018 2:40
 Operator : JU/SJ
 Sample : J3931-05
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 12 07:16:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 11 16:39:37 2018
 Response via : Initial Calibration

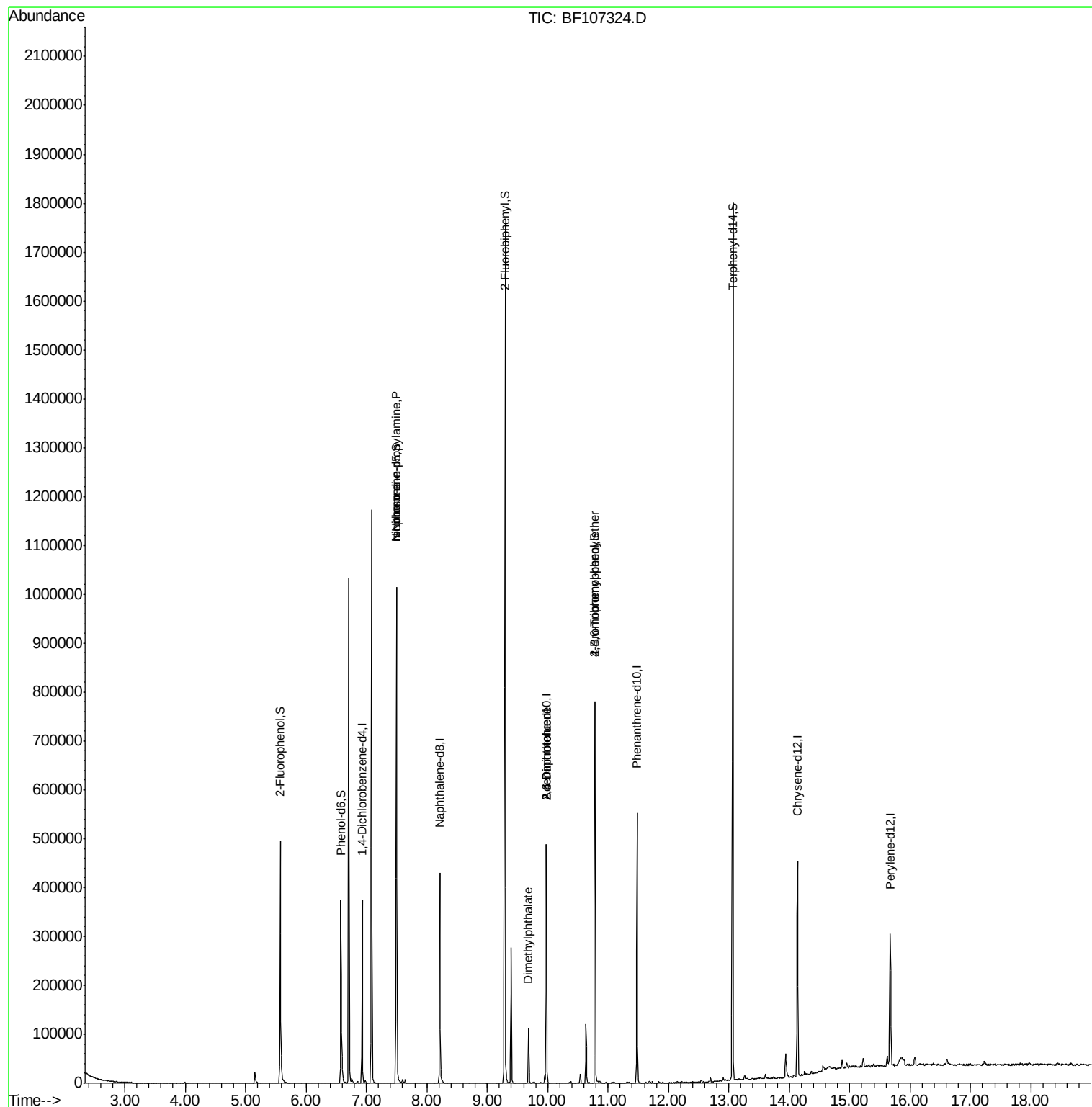
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	55715	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	213665	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	105891	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	204738	20.00	ng	0.00
75) Chrysene-d12	14.14	240	150945	20.00	ng	0.00
86) Perylene-d12	15.67	264	136740	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	155530	47.27	ng	0.00
7) Phenol-d6	6.58	99	134123	32.64	ng	0.00
23) Nitrobenzene-d5	7.50	82	363431	94.53	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	123715	100.80	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	626806	103.38	ng	0.00
78) Terphenyl-d14	13.07	244	692382	111.11	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.50	70	46624	17.214	ng	# 74
25) Isophorone	7.50	82	363431	53.643	ng	# 64
49) Dimethylphthalate	9.68	163	47827	6.022	ng	# 99
50) 2,6-Dinitrotoluene	9.98	165	13374	7.952	ng	# 24
56) 2,4-Dinitrotoluene	9.98	165	13374	6.093	ng	# 21
66) 4-Bromophenyl-phenylether	10.78	248	7412	3.033	ng	# 1

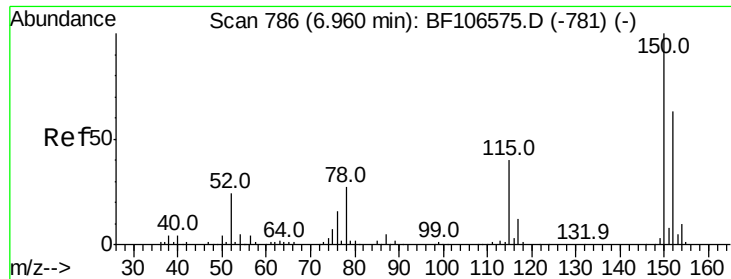
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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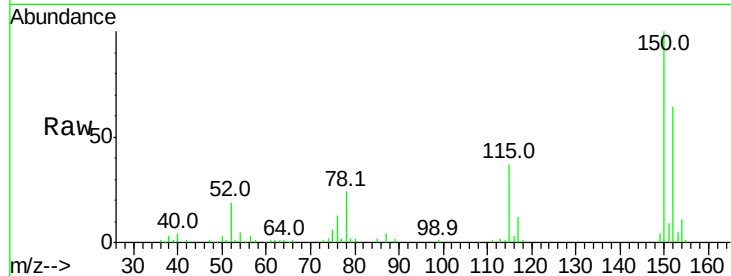


#1

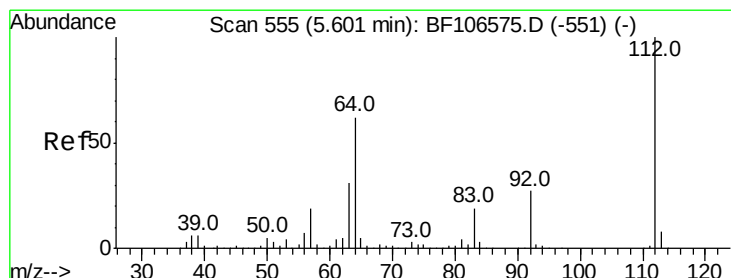
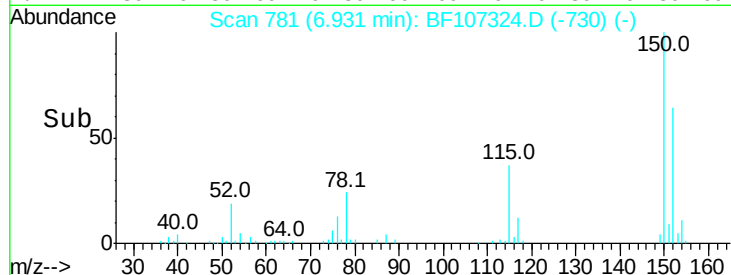
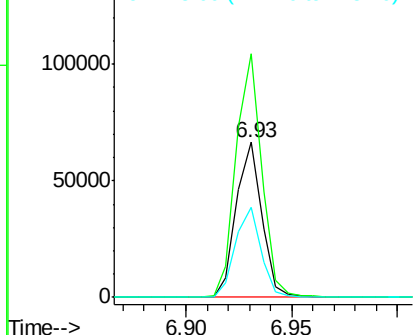
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF107324.D
Acq: 12 Jul 2018 2:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 55715
Ion Ratio Lower Upper
152 100
150 157.0 124.6 186.8
115 57.8 50.1 75.1



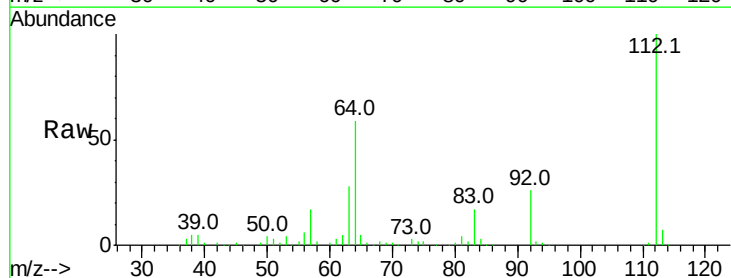
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



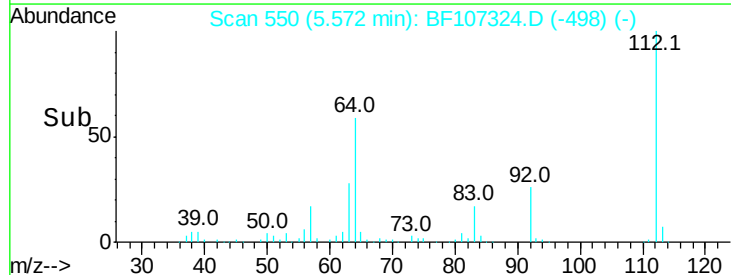
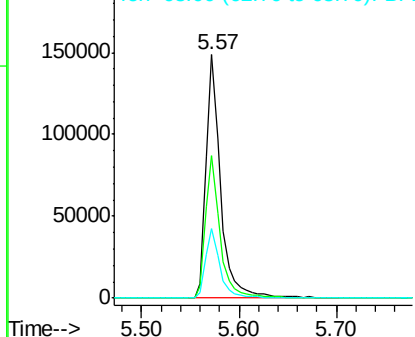
#5

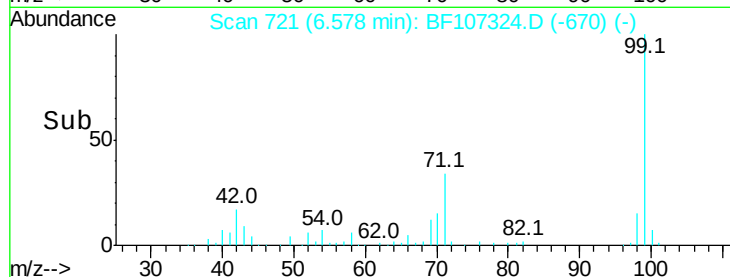
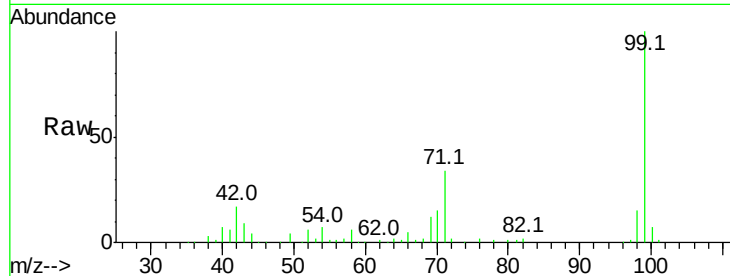
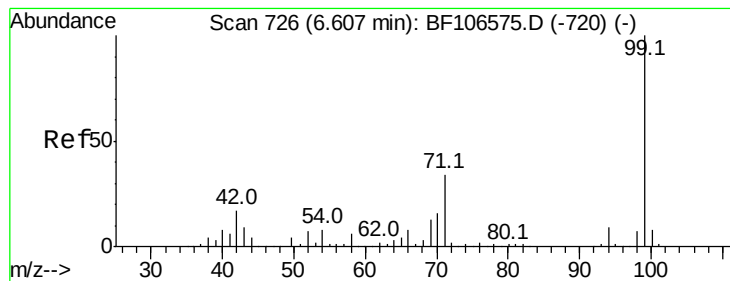
2-Fluorophenol
Concen: 47.269 ng
RT: 5.57 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF107324.D
Acq: 12 Jul 2018 2:40

Tgt Ion:112 Resp: 155530
Ion Ratio Lower Upper
112 100
64 58.7 47.9 71.9
63 28.5 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: 32.642 ng

RT: 6.58 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF107324.D

Acq: 12 Jul 2018 2:40

Instrument :

BNA_F

ClientSampleId :

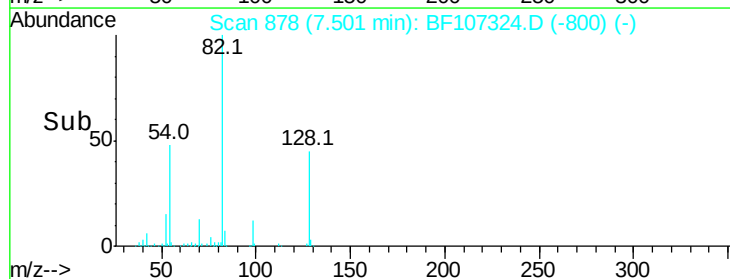
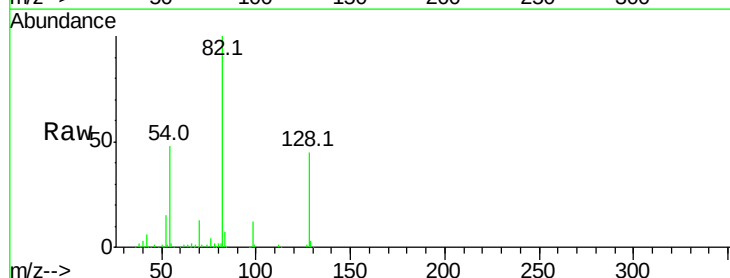
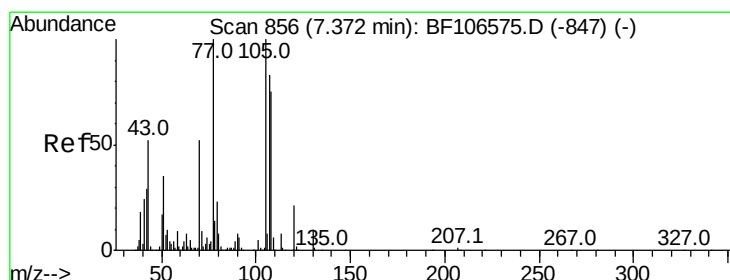
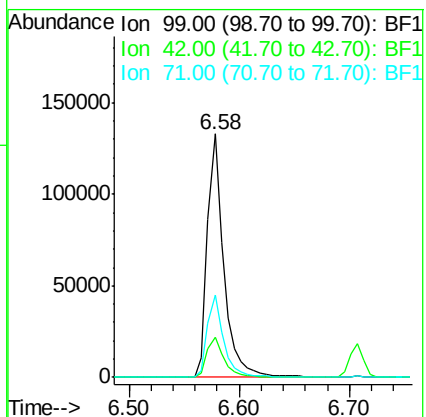
Tot Ion: 99 Resp: 134123

Ion Ratio Lower Upper

99 100

42 16.6 14.5 21.7

71 33.7 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 17.214 ng

RT: 7.50 min Scan# 878

Delta R.T. 0.16 min

Lab File: BF107324.D

Acq: 12 Jul 2018 2:40

Tgt Ion: 70 Resp: 46624

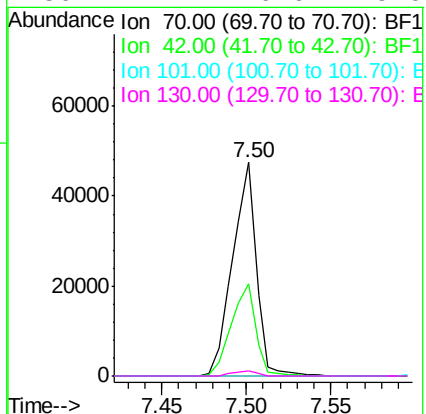
Ion Ratio Lower Upper

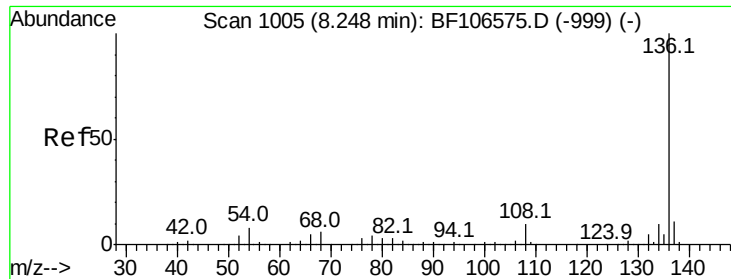
70 100

42 43.0 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

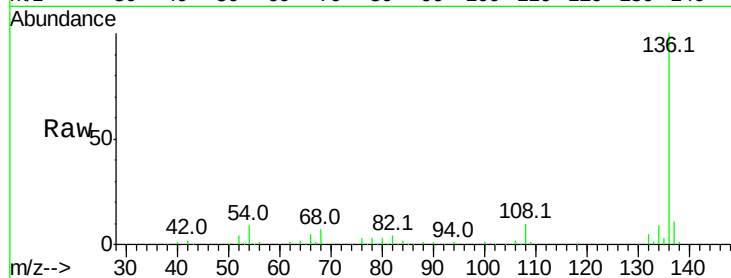




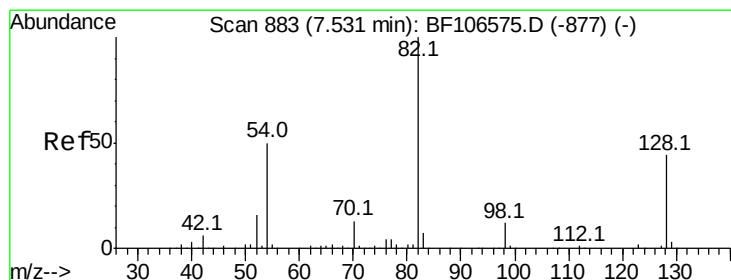
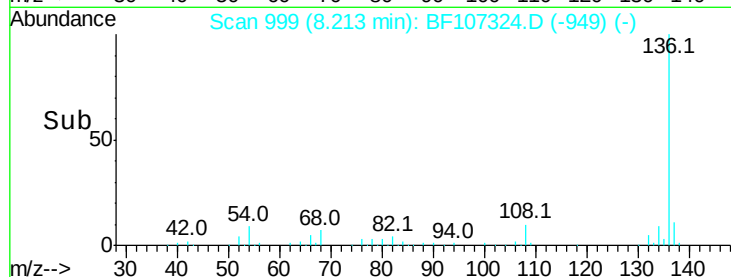
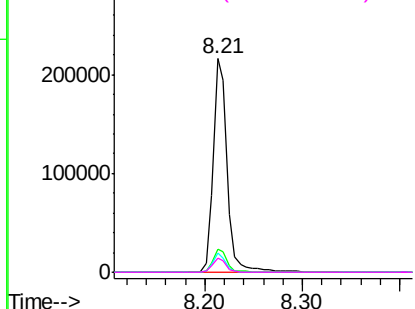
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF107324.D
Acq: 12 Jul 2018 2:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	213665
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.0	6.6	9.8
68	6.8	5.0	7.4

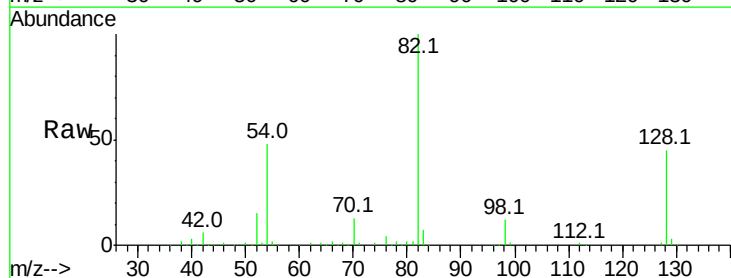


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

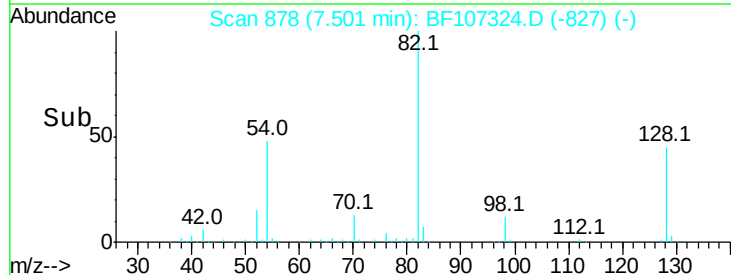
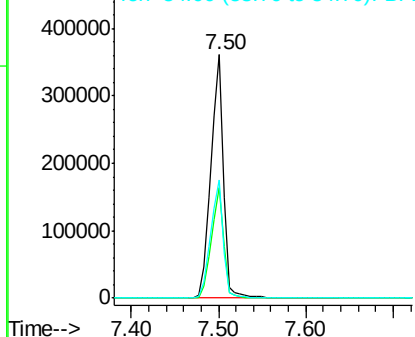


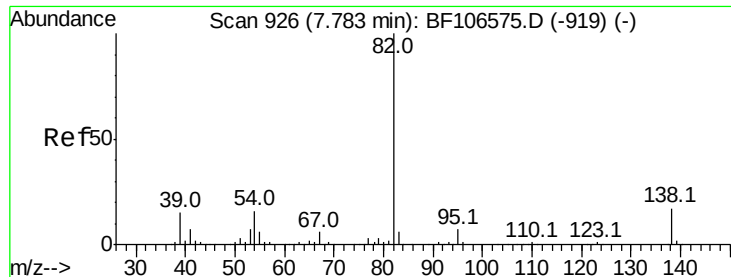
#23
Nitrobenzene-d5
Concen: 94.527 ng
RT: 7.50 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF107324.D
Acq: 12 Jul 2018 2:40

Tgt Ion:	82	Resp:	363431
Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.1	54.1
54	48.3	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: 53.643 ng

RT: 7.50 min Scan# 878

Delta R.T. -0.25 min

Lab File: BF107324.D

Acq: 12 Jul 2018 2:40

Instrument :

BNA_F

ClientSampled :

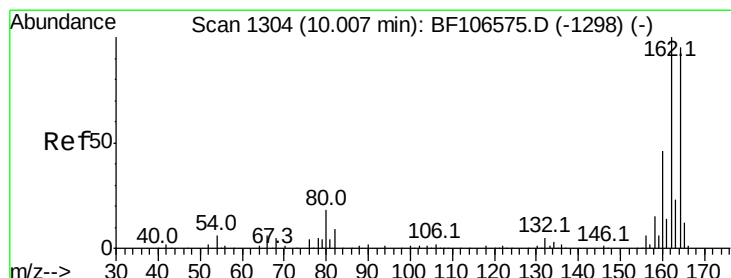
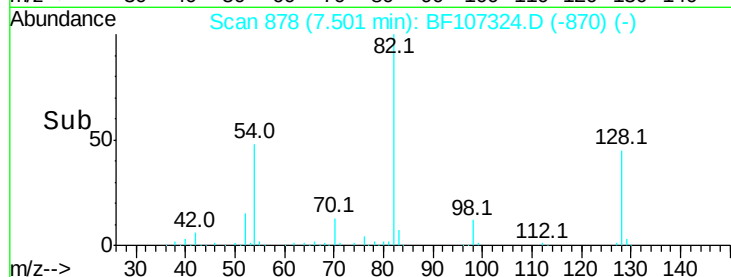
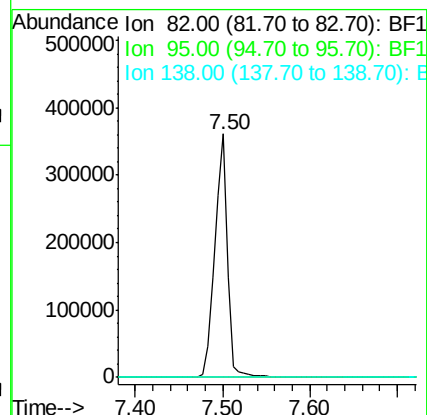
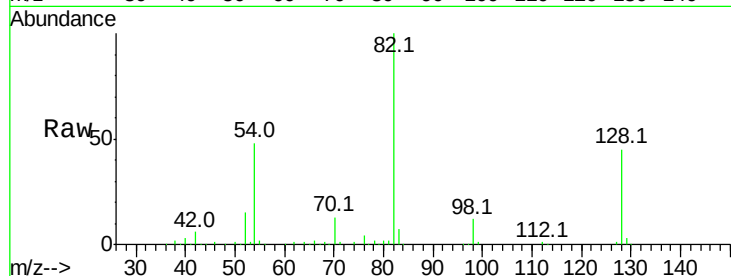
Tot Ion: 82 Resp: 363431

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: 9.98 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF107324.D

Acq: 12 Jul 2018 2:40

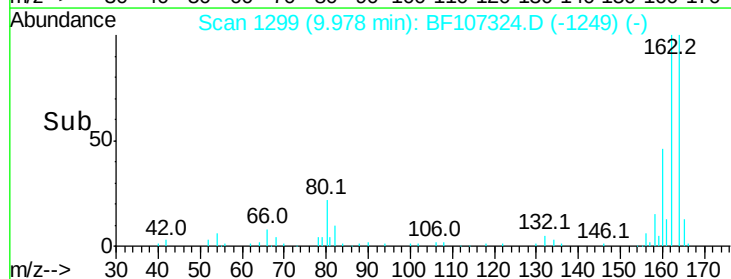
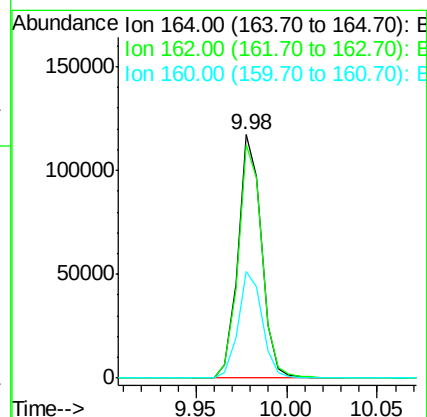
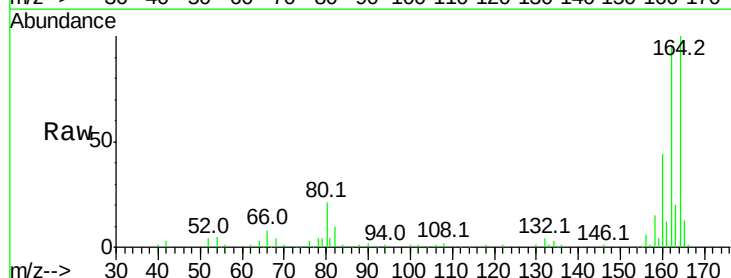
Tgt Ion:164 Resp: 105891

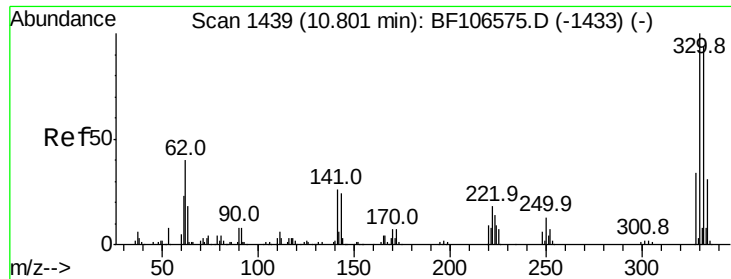
Ion Ratio Lower Upper

164 100

162 95.9 86.1 129.1

160 43.7 38.3 57.5

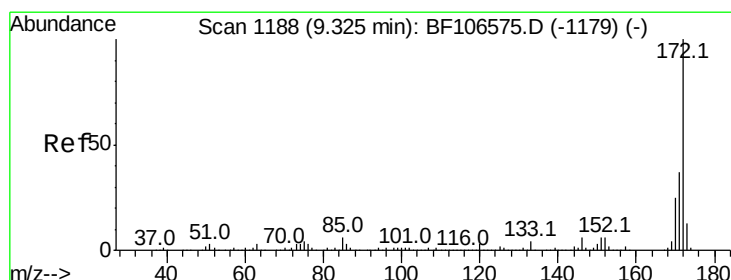
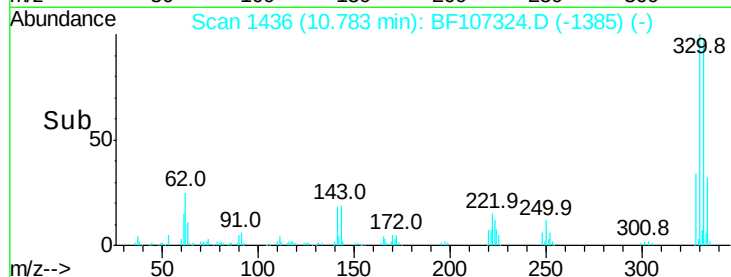
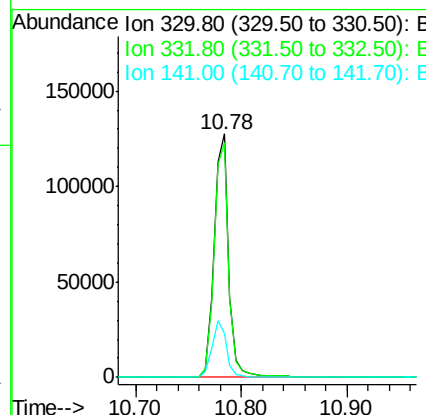
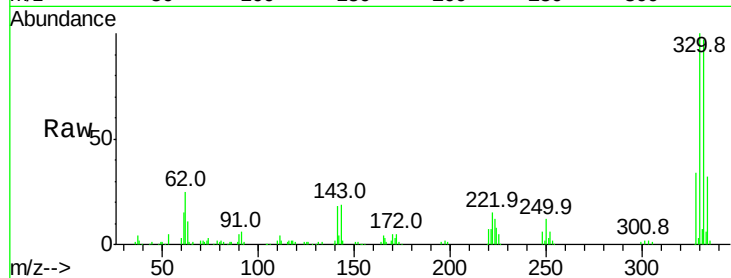




#41
 2,4,6-Tribromophenol
 Concen: 100.802 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. 0.00 min
 Lab File: BF107324.D
 Acq: 12 Jul 2018 2:40

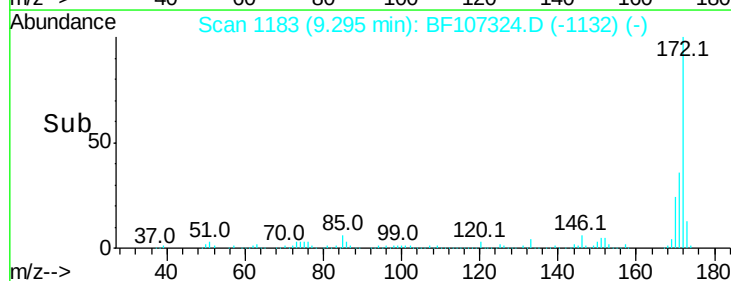
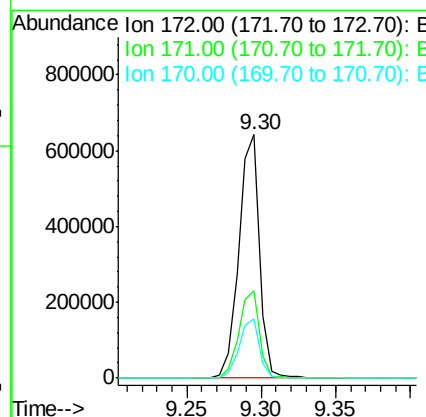
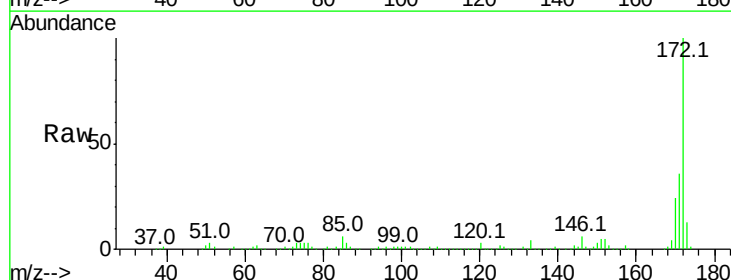
Instrument :
 BNA_F
 ClientSampleId :

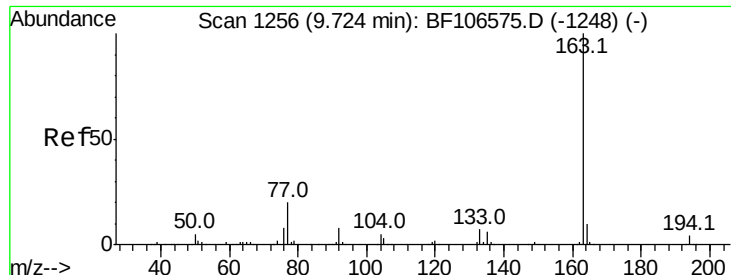
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	22.9	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 103.383 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF107324.D
 Acq: 12 Jul 2018 2:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.1	19.6	29.4





#49

Dimethylphthalate

Concen: 6.022 ng

RT: 9.68 min Scan# 1249

Delta R.T. -0.01 min

Lab File: BF107324.D

Acq: 12 Jul 2018 2:40

Instrument :

BNA_F

ClientSampleId :

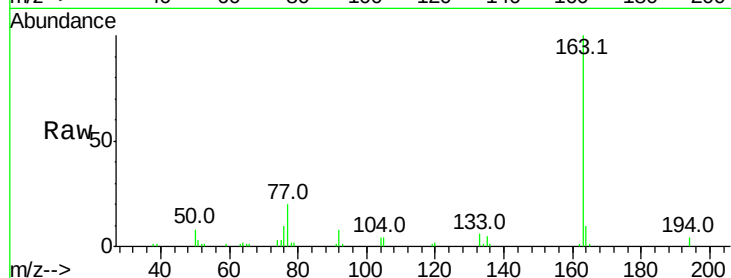
Tot Ion:163 Resp: 47827

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

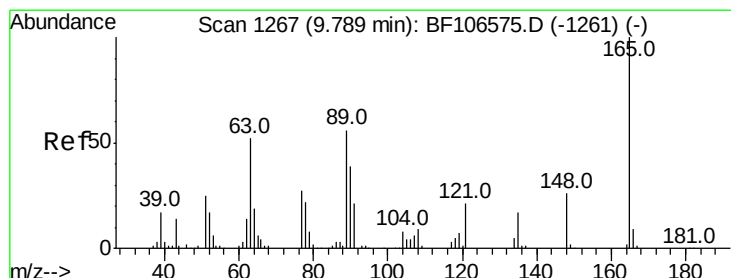
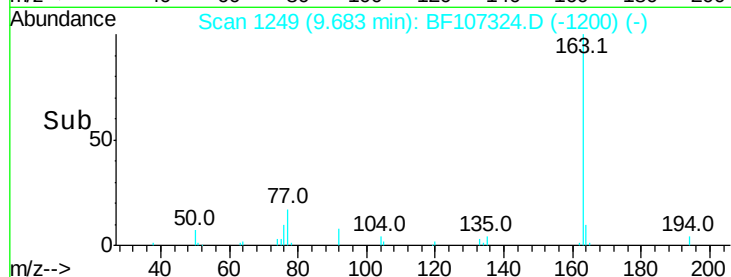
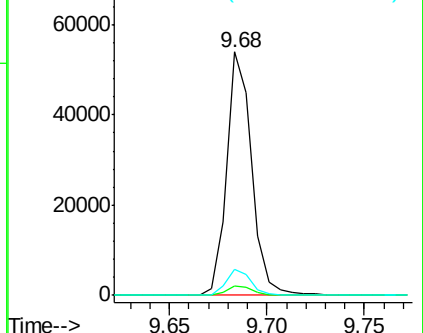
164 10.5 8.2 12.2



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: 7.952 ng

RT: 9.98 min Scan# 1299

Delta R.T. 0.21 min

Lab File: BF107324.D

Acq: 12 Jul 2018 2:40

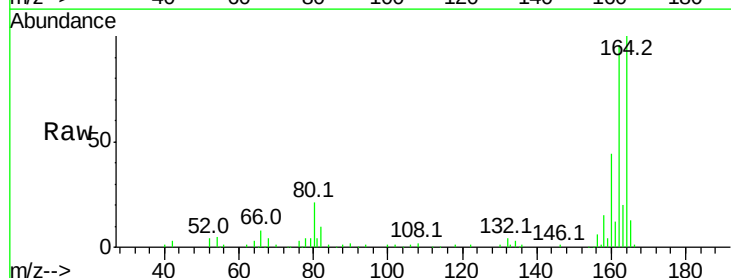
Tgt Ion:165 Resp: 13374

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

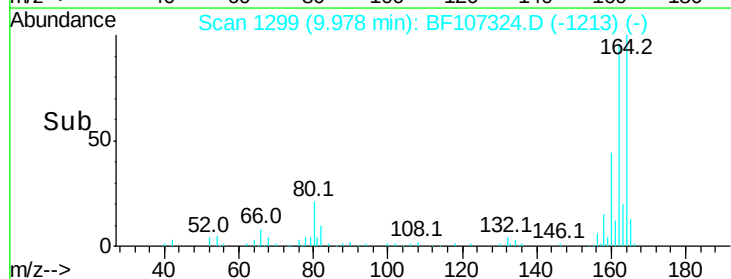
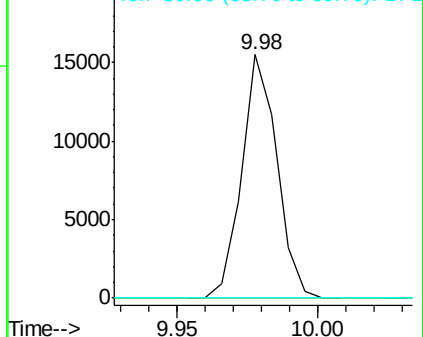
89 0.0 44.0 66.0#

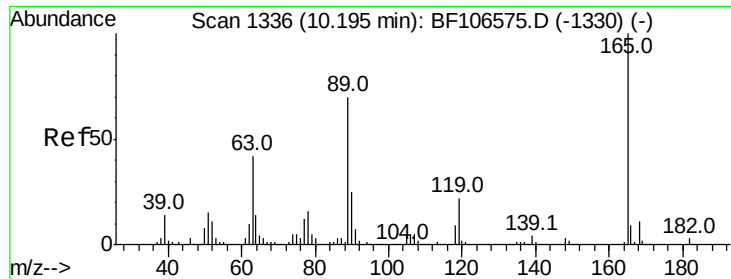


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

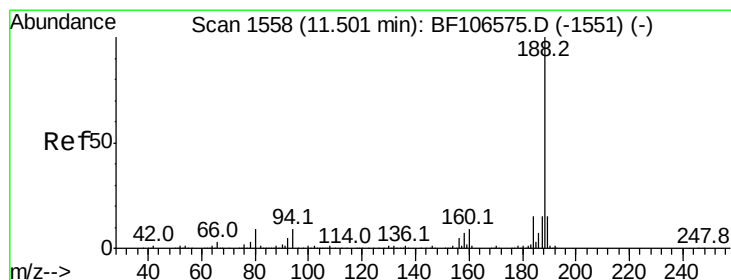
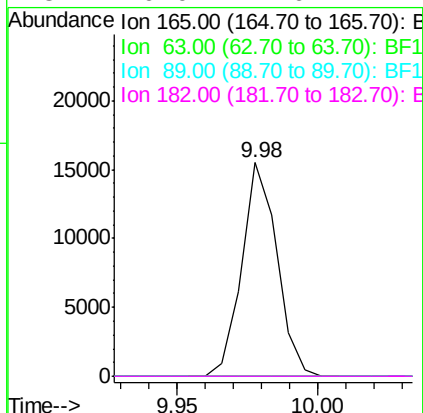
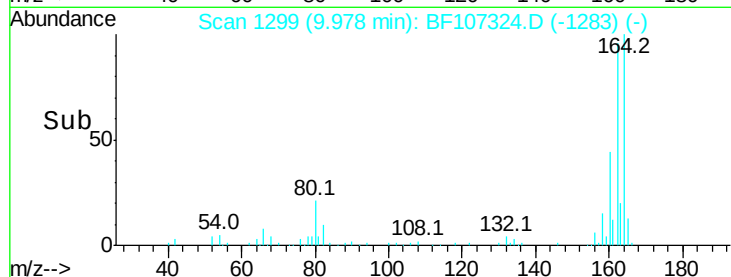
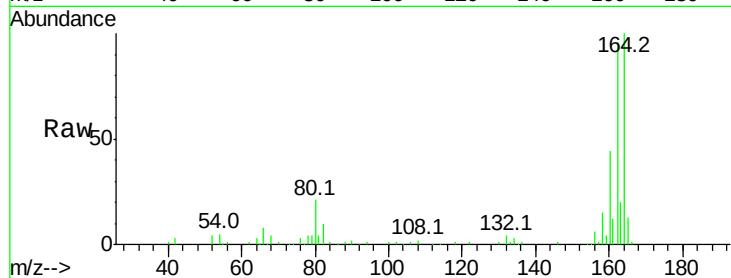




#56
 2,4-Dinitrotoluene
 Concen: 6.093 ng
 RT: 9.98 min Scan# 1299
 Delta R.T. -0.21 min
 Lab File: BF107324.D
 Acq: 12 Jul 2018 2:40

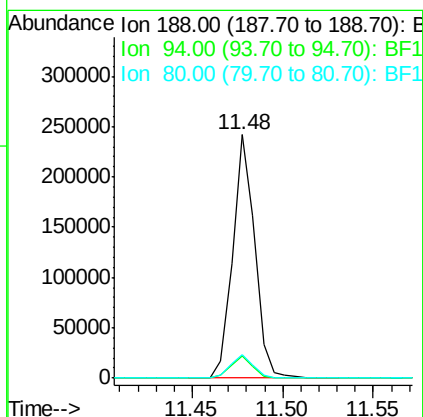
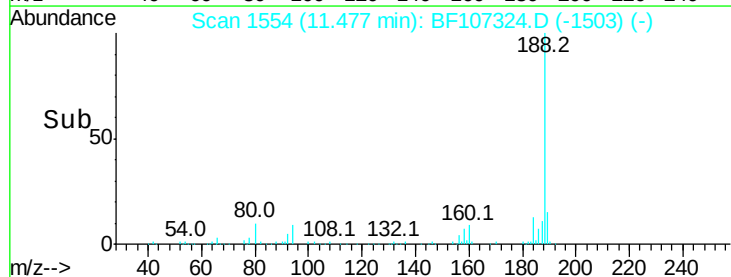
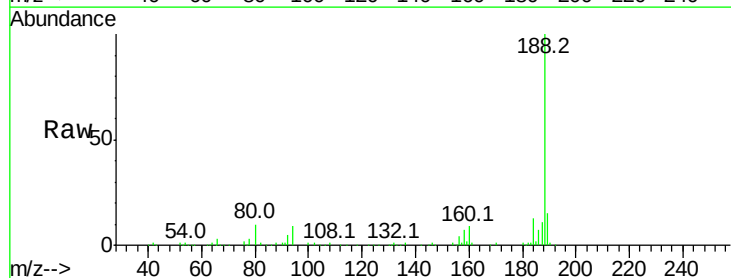
Instrument :
 BNA_F
 ClientSampleId :

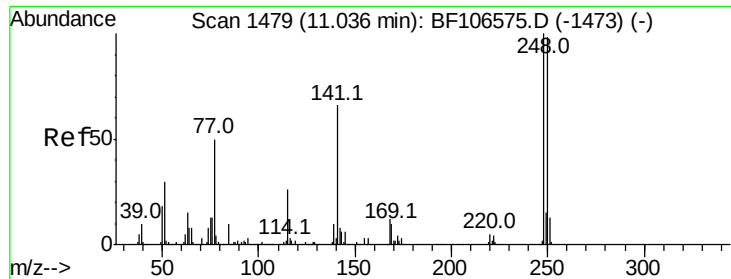
Tot Ion:165 Resp: 13374
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.4 54.6#
 89 0.0 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1554
 Delta R.T. 0.00 min
 Lab File: BF107324.D
 Acq: 12 Jul 2018 2:40

Tgt Ion:188 Resp: 204738
 Ion Ratio Lower Upper
 188 100
 94 8.9 8.5 12.7
 80 9.5 9.2 13.8

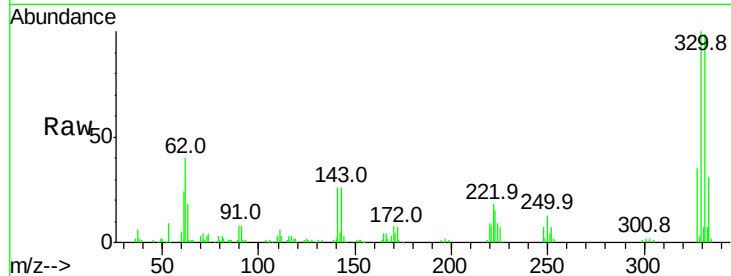




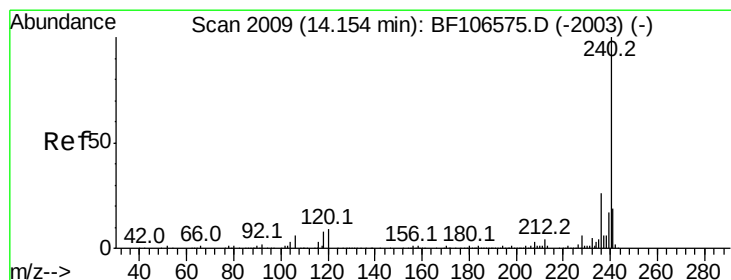
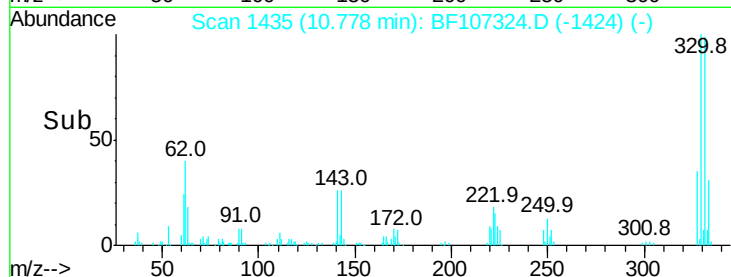
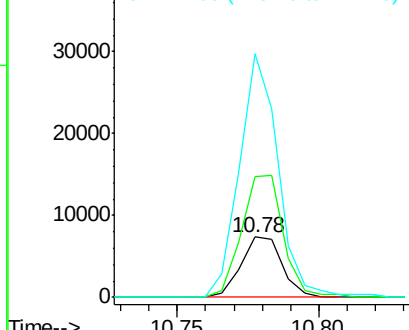
#66
4-Bromophenyl-phenylether
Concen: 3.033 ng
RT: 10.78 min Scan# 1435
Delta R.T. -0.24 min
Lab File: BF107324.D
Acq: 12 Jul 2018 2:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 7412
Ion Ratio Lower Upper
248 100
250 199.4 76.9 115.3#
141 402.4 74.4 111.6#

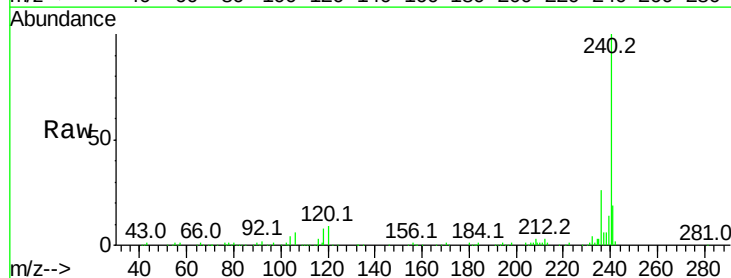


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

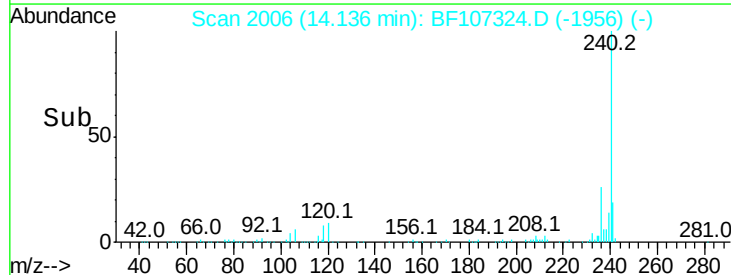
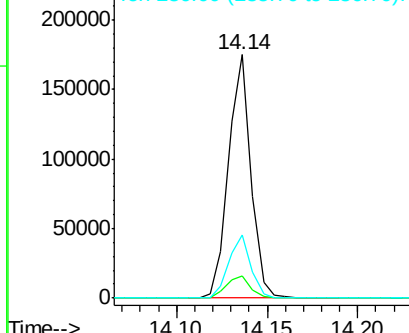


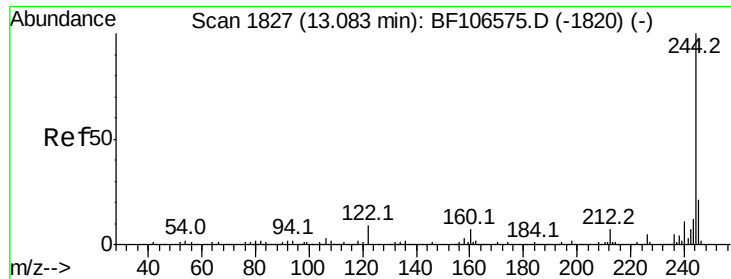
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF107324.D
Acq: 12 Jul 2018 2:40

Tgt Ion:240 Resp: 150945
Ion Ratio Lower Upper
240 100
120 9.1 9.5 14.3#
236 26.0 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

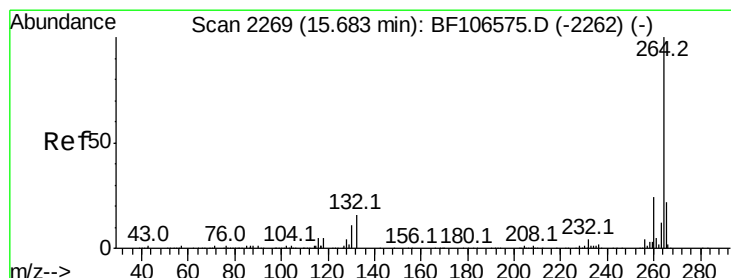
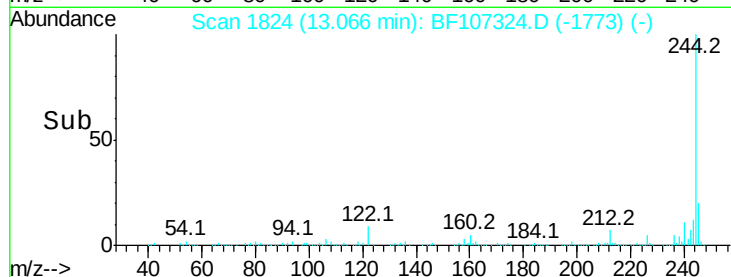
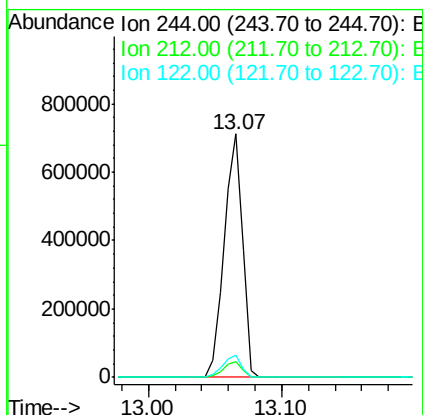
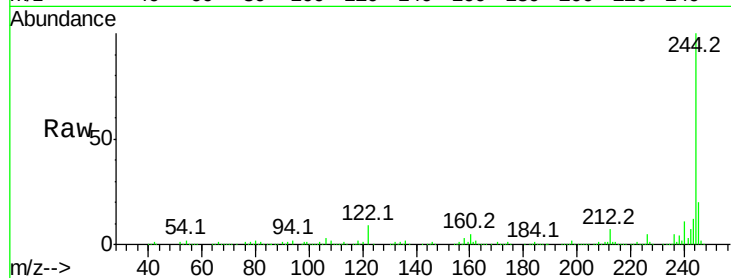




#78
 Terphenyl-d14
 Concen: 111.110 ng
 RT: 13.07 min Scan# 1824
 Delta R.T. 0.00 min
 Lab File: BF107324.D
 Acq: 12 Jul 2018 2:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 692382
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 8.9 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2267
 Delta R.T. -0.01 min
 Lab File: BF107324.D
 Acq: 12 Jul 2018 2:40

Tgt Ion:264 Resp: 136740
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.2 17.5 26.3

