

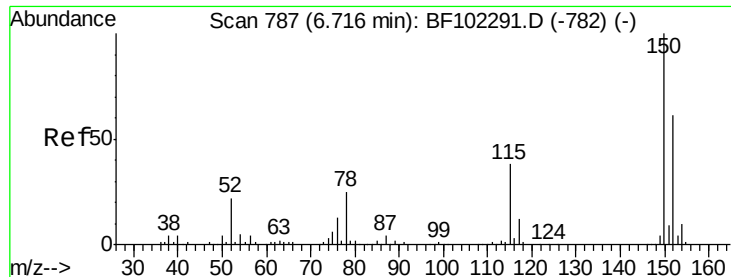
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF013118\
 Data File : BF102660.D
 Acq On : 31 Jan 2018 17:48
 Operator : SJ/JU
 Sample : J1407-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-01

Quant Time: Jan 31 18:43:57 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 18:38:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	141509	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	591602	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	267836	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	482546	20.00	ng	0.00
75) Chrysene-d12	13.86	240	426371	20.00	ng	0.00
86) Perylene-d12	15.28	264	335494	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	590246	63.24	ng	0.00
7) Phenol-d6	6.35	99	450090	40.00	ng	0.00
23) Nitrobenzene-d5	7.27	82	891564	86.60	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	305340	115.05	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1536220	84.33	ng	0.00
78) Terphenyl-d14	12.81	244	1545323	81.71	ng	0.00
Target Compounds						
9) Benzaldehyde	6.47	77	20542	2.640	ng	85
19) n-Nitroso-di-n-propylamine	7.27	70	117144	17.013	ng	# 80
25) Isophorone	7.27	82	888457	48.410	ng	# 64
50) 2,6-Dinitrotoluene	9.73	165	35328	7.402	ng	# 26
56) 2,4-Dinitrotoluene	9.73	165	35328	6.019	ng	# 23
66) 4-Bromophenyl-phenylether	10.53	248	19881	3.827	ng	# 1

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

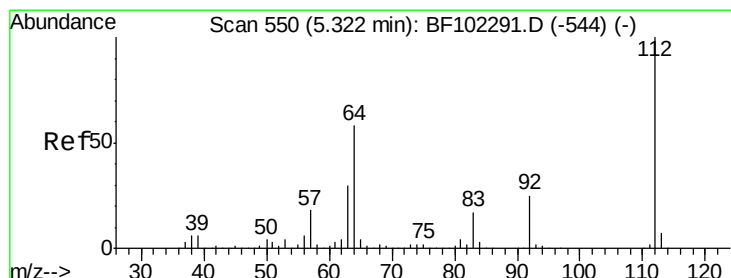
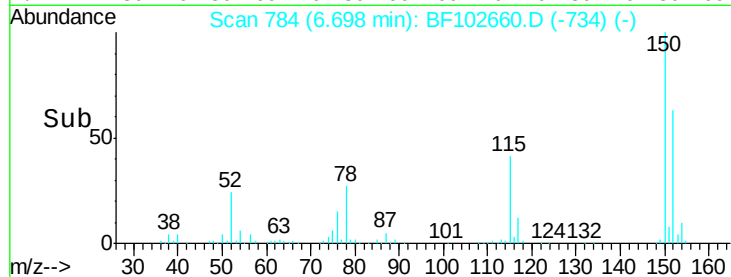
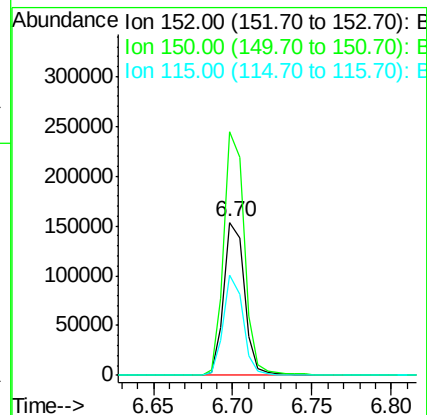
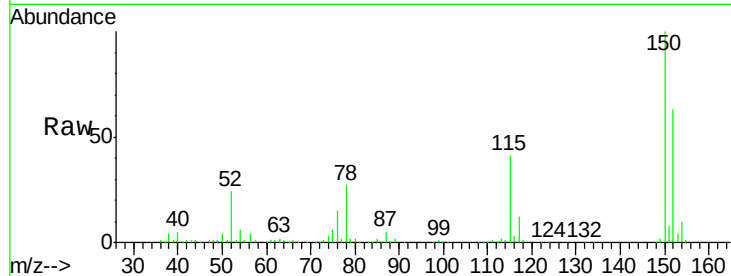


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF102660.D
Acq: 31 Jan 2018 17:48

Instrument :
BNA_F
ClientSampleId :
TW-01

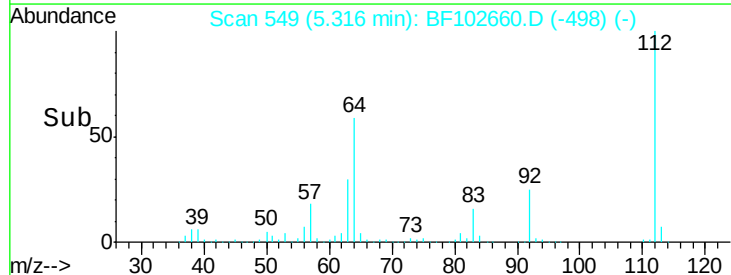
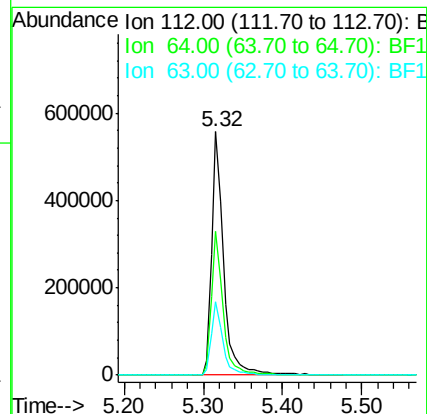
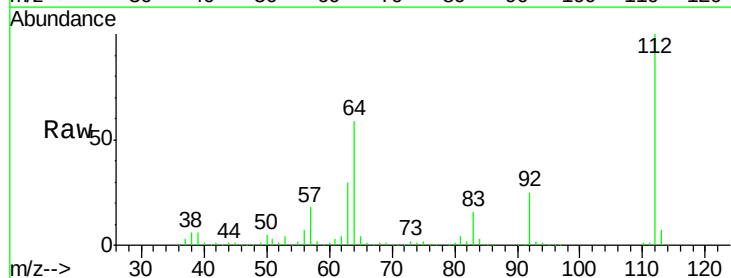
Tgt Ion:152 Resp: 141509
Ion Ratio Lower Upper
152 100
150 158.9 124.6 186.8
115 65.6 50.1 75.1

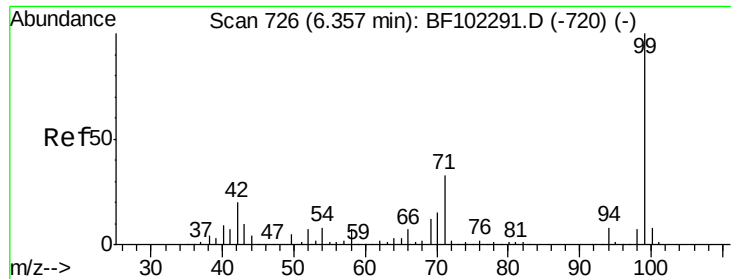


#5

2-Fluorophenol
Concen: 63.244 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF102660.D
Acq: 31 Jan 2018 17:48

Tgt Ion:112 Resp: 590246
Ion Ratio Lower Upper
112 100
64 59.1 47.9 71.9
63 29.9 23.7 35.5





#7

Phenol-d6

Concen: 40.003 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF102660.D

Acq: 31 Jan 2018 17:48

Instrument :

BNA_F

ClientSampleId :

TW-01

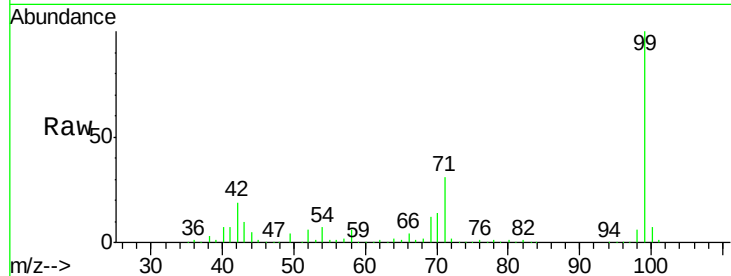
Tgt Ion: 99 Resp: 450090

Ion Ratio Lower Upper

99 100

42 18.6 14.5 21.7

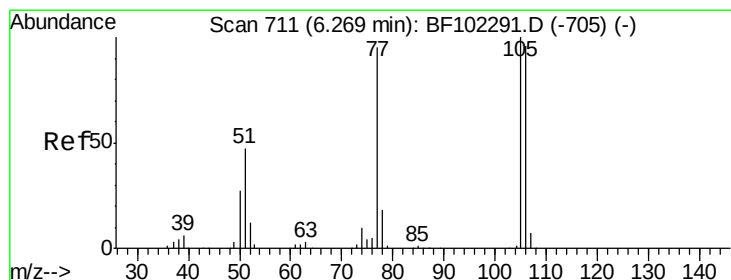
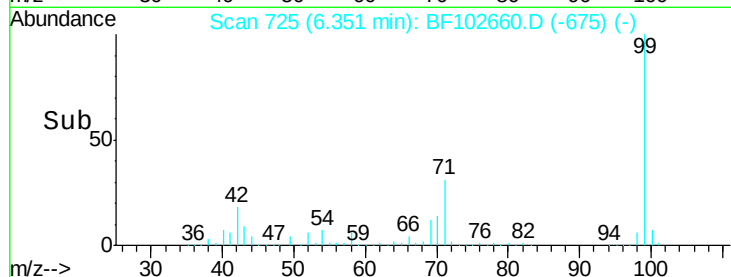
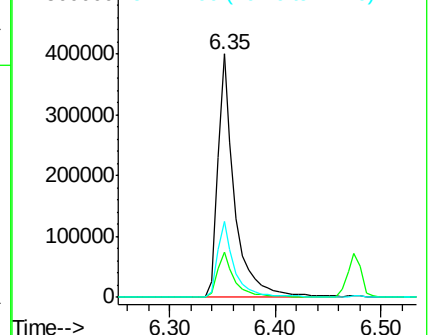
71 31.1 25.4 38.0



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: 2.640 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.22 min

Lab File: BF102660.D

Acq: 31 Jan 2018 17:48

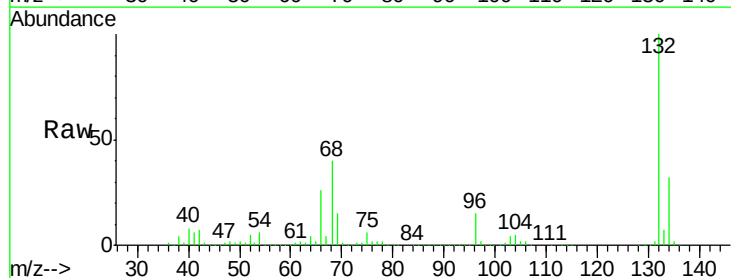
Tgt Ion: 77 Resp: 20542

Ion Ratio Lower Upper

77 100

105 84.9 81.1 121.1

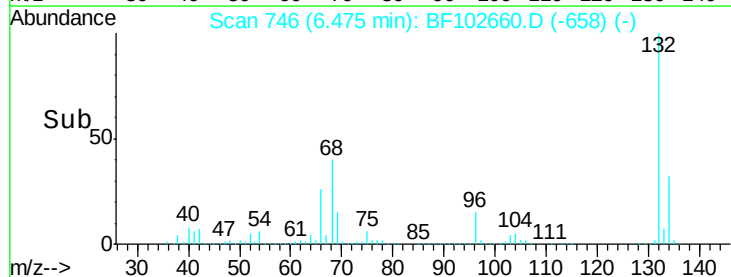
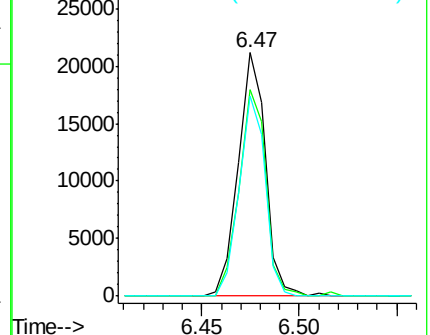
106 81.9 74.5 114.5

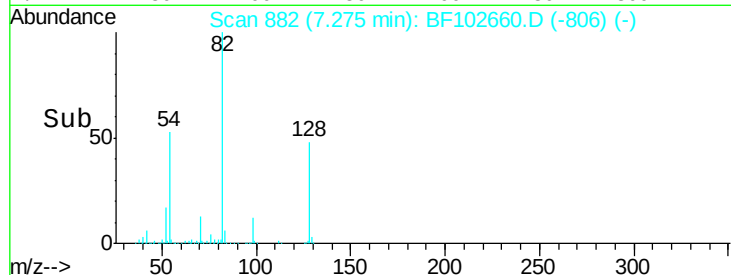
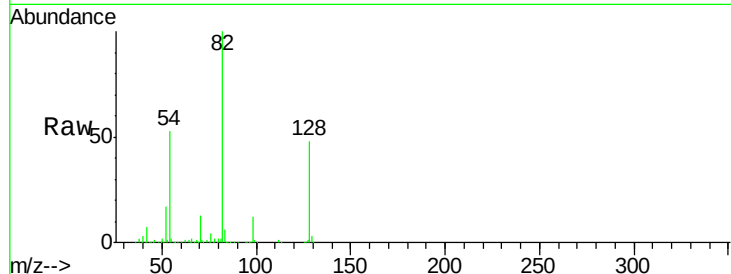
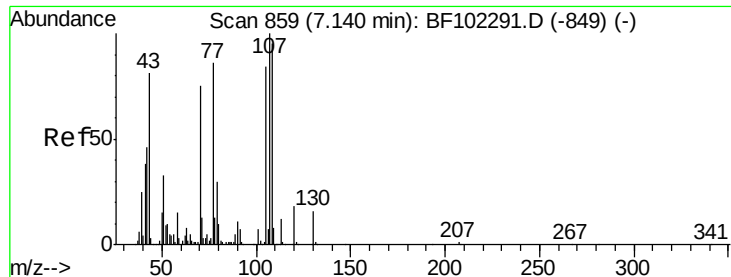


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

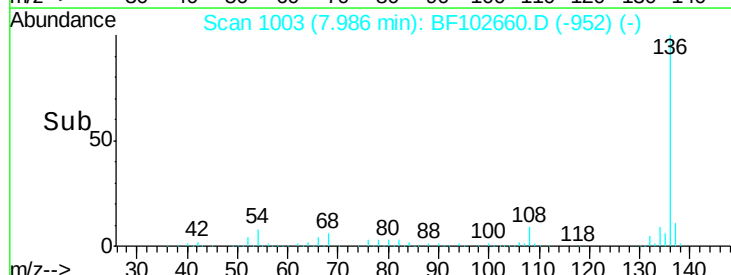
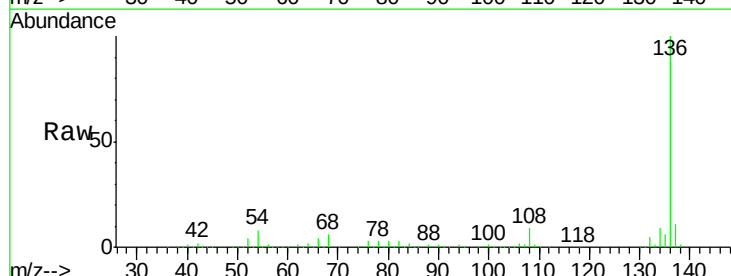
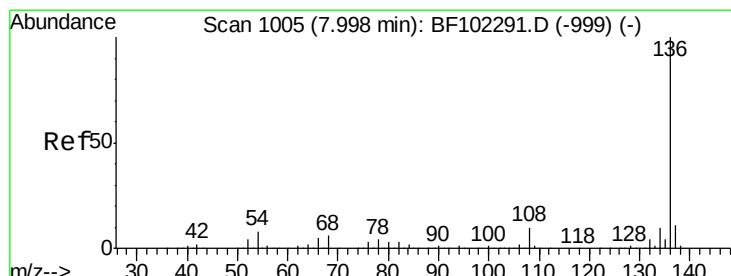
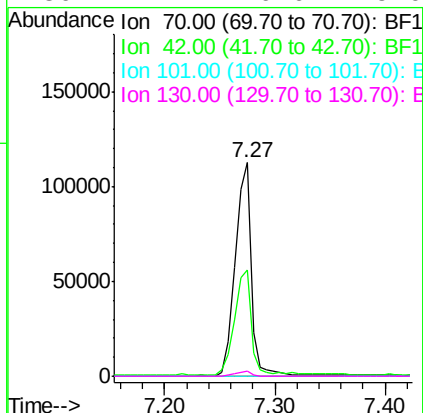




#19
n-Nitroso-di-n-propylamine
Concen: 17.013 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF102660.D
Acq: 31 Jan 2018 17:48

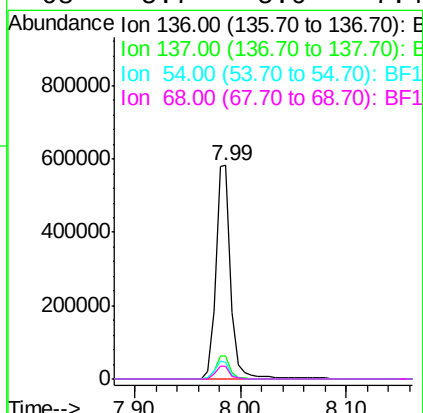
Instrument :
BNA_F
ClientSampleId :
TW-01

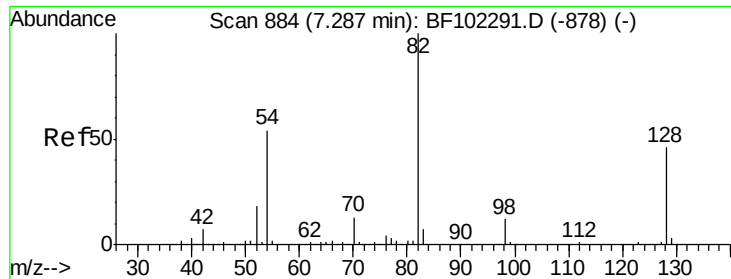
Tgt Ion:	70	Resp:	117144
Ion	Ratio	Lower	Upper
70	100		
42	49.6	47.5	71.3
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF102660.D
Acq: 31 Jan 2018 17:48

Tgt Ion:	136	Resp:	591602
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.6	6.6	9.8
68	5.7	5.0	7.4

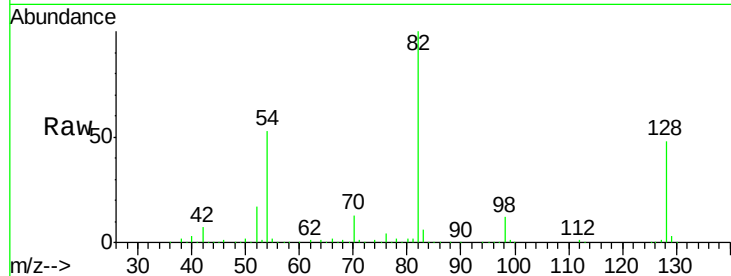




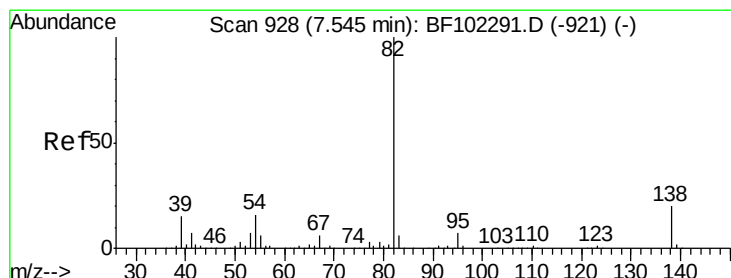
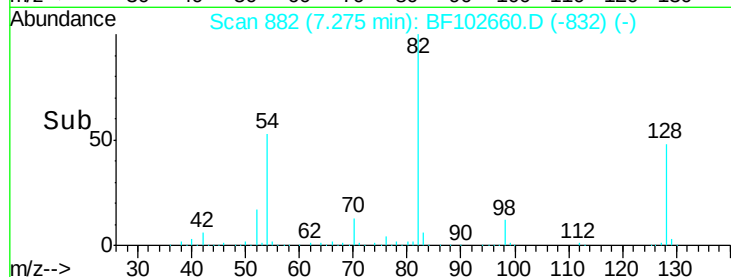
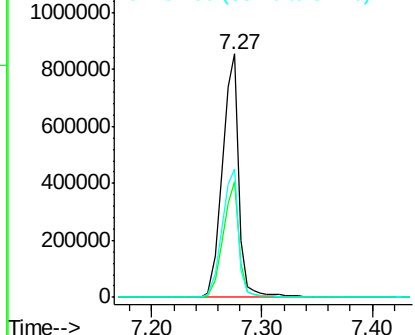
#23
Nitrobenzene-d5
Concen: 86.605 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF102660.D
Acq: 31 Jan 2018 17:48

Instrument :
BNA_F
ClientSampleID :
TW-01

Tgt Ion: 82 Resp: 891564
Ion Ratio Lower Upper
82 100
128 47.7 36.1 54.1
54 52.6 41.4 62.2

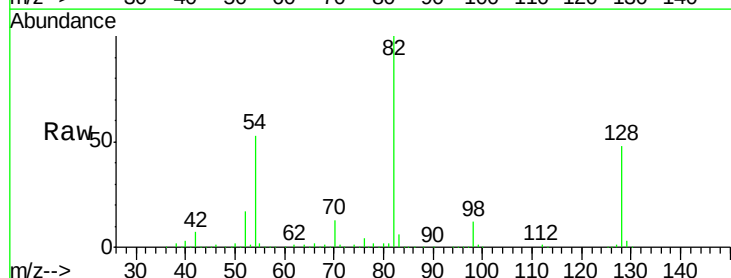


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

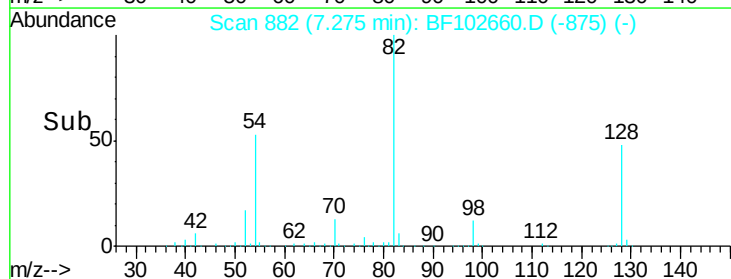
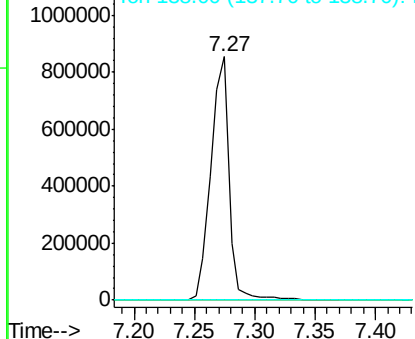


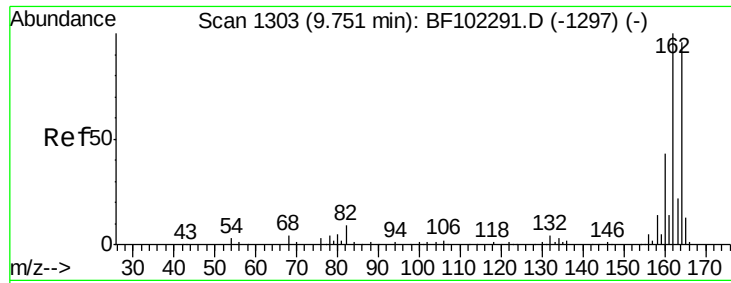
#25
Isophorone
Concen: 48.410 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF102660.D
Acq: 31 Jan 2018 17:48

Tgt Ion: 82 Resp: 888457
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

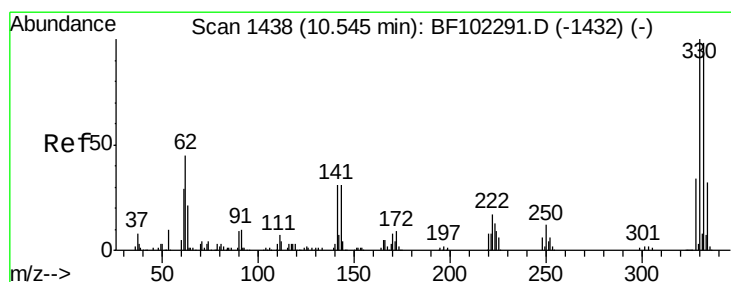
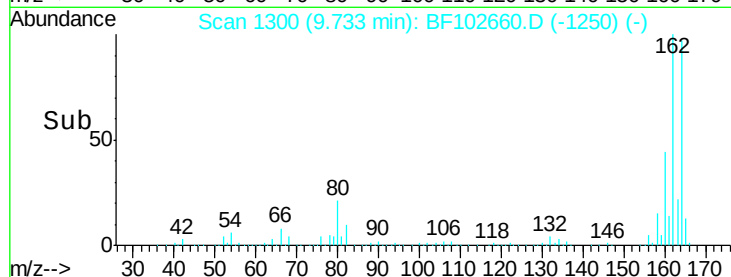
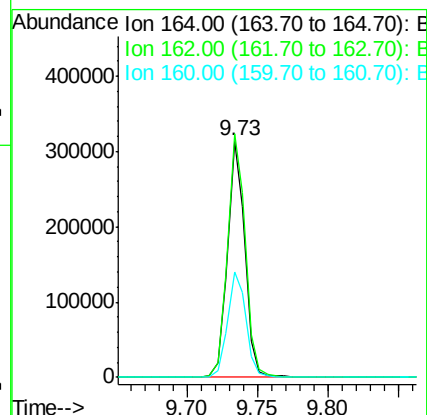
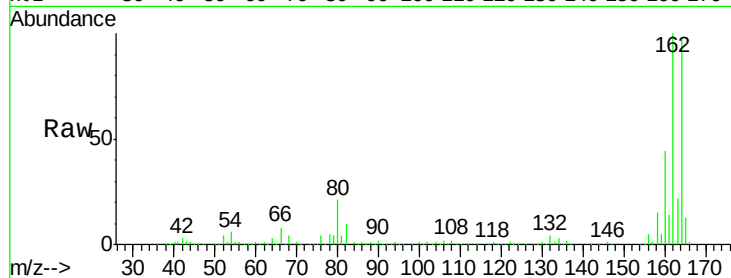




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF102660.D
 Acq: 31 Jan 2018 17:48

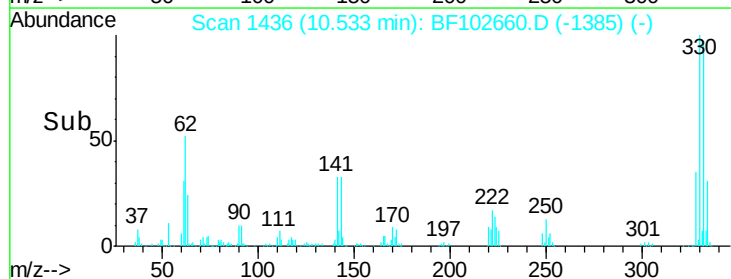
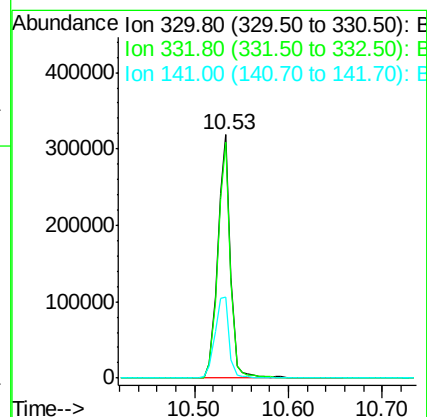
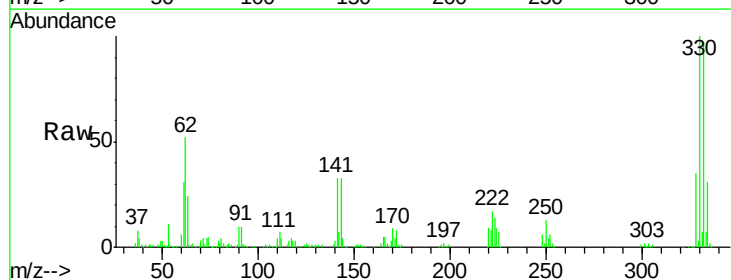
Instrument :
 BNA_F
 ClientSampleId :
 TW-01

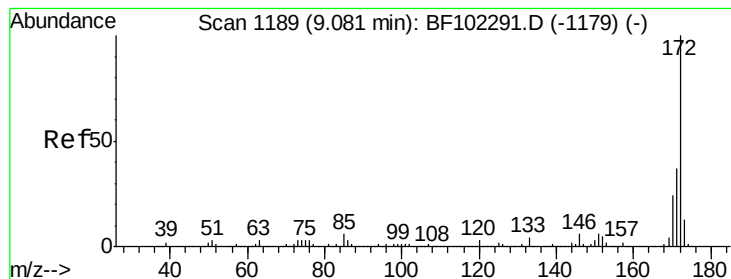
Tgt Ion:164 Resp: 267836
 Ion Ratio Lower Upper
 164 100
 162 103.1 86.1 129.1
 160 44.9 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 115.055 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. 0.00 min
 Lab File: BF102660.D
 Acq: 31 Jan 2018 17:48

Tgt Ion:330 Resp: 305340
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 38.2 29.9 44.9





#44

2-Fluorobiphenyl

Concen: 84.335 ng

RT: 9.06 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BF102660.D

Acq: 31 Jan 2018 17:48

Instrument :

BNA_F

ClientSampleId :

TW-01

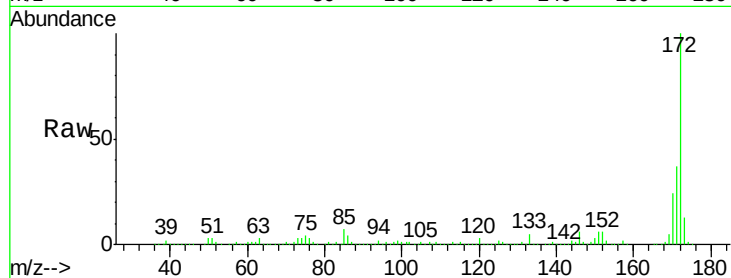
Tgt Ion:172 Resp: 1536220

Ion Ratio Lower Upper

172 100

171 36.7 29.7 44.5

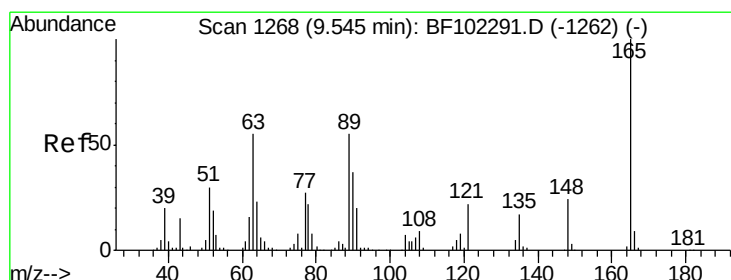
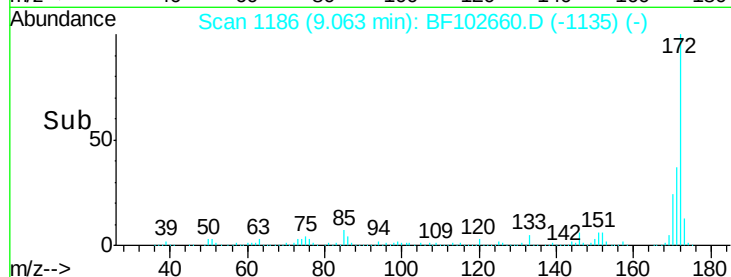
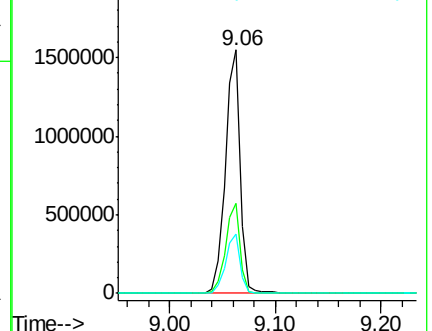
170 24.2 19.6 29.4



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: 7.402 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.19 min

Lab File: BF102660.D

Acq: 31 Jan 2018 17:48

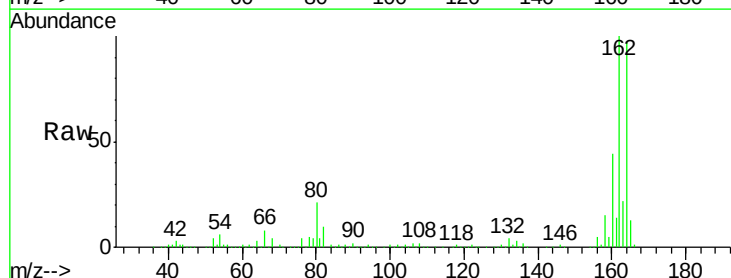
Tgt Ion:165 Resp: 35328

Ion Ratio Lower Upper

165 100

63 1.5 44.7 67.1#

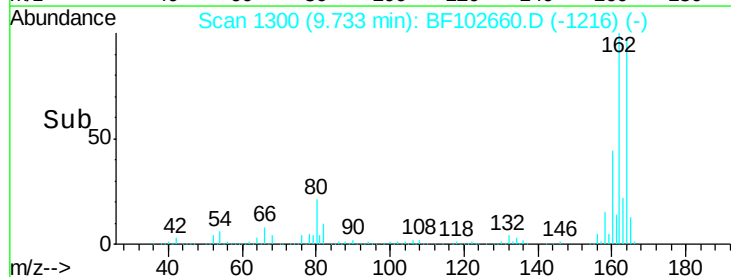
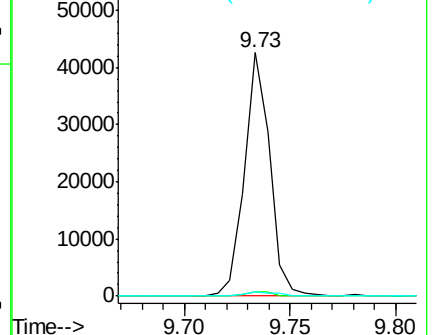
89 1.5 44.0 66.0#

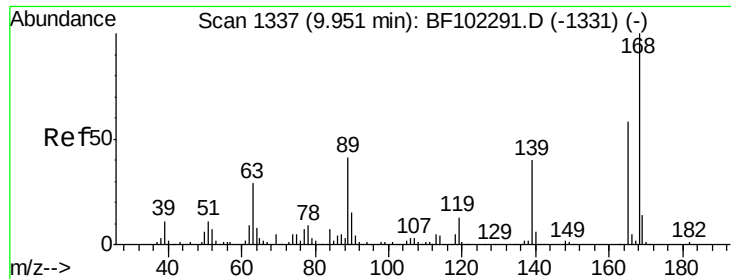


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

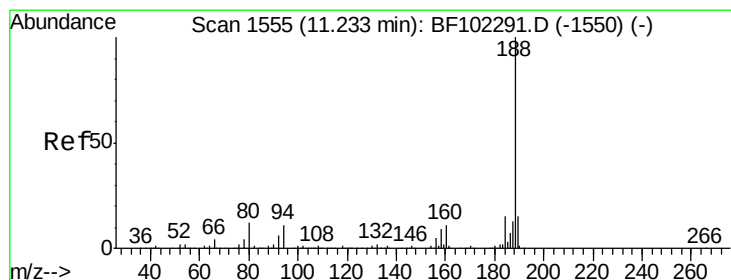
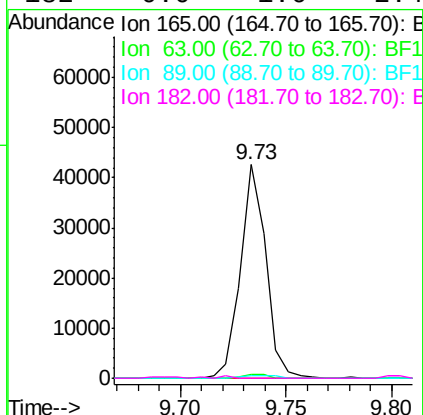
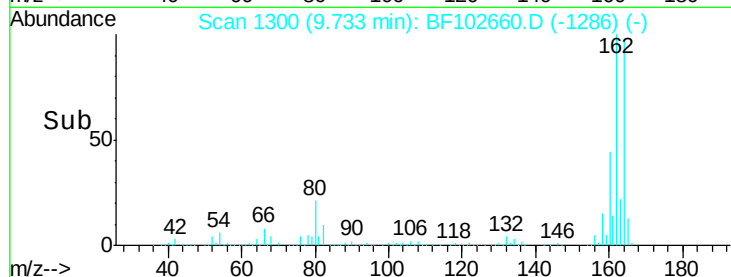
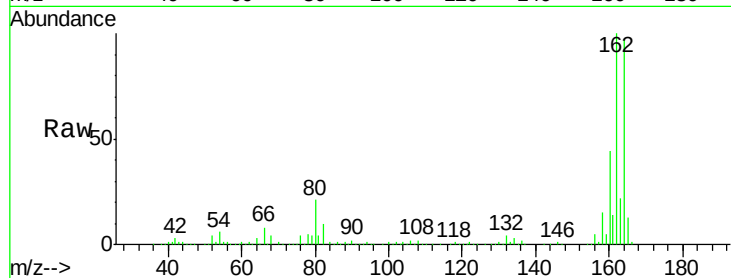




#56
 2,4-Dinitrotoluene
 Concen: 6.019 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.22 min
 Lab File: BF102660.D
 Acq: 31 Jan 2018 17:48

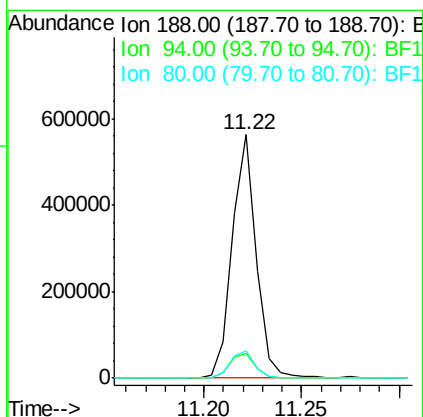
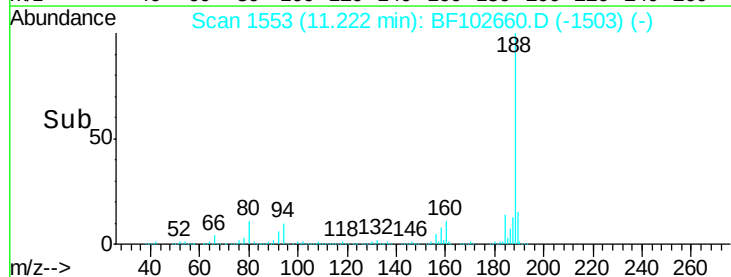
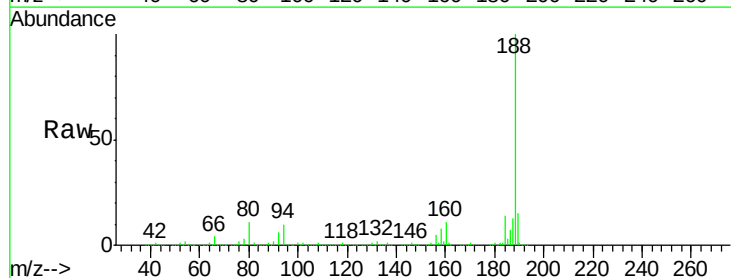
Instrument :
 BNA_F
 ClientSampleId :
 TW-01

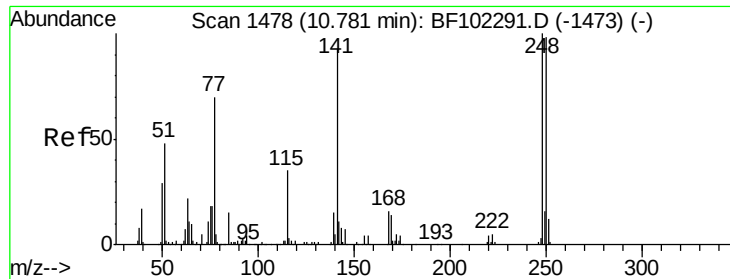
Tgt Ion:165 Resp: 35328
 Ion Ratio Lower Upper
 165 100
 63 1.5 36.4 54.6#
 89 1.5 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. -0.01 min
 Lab File: BF102660.D
 Acq: 31 Jan 2018 17:48

Tgt Ion:188 Resp: 482546
 Ion Ratio Lower Upper
 188 100
 94 10.2 8.5 12.7
 80 11.4 9.2 13.8

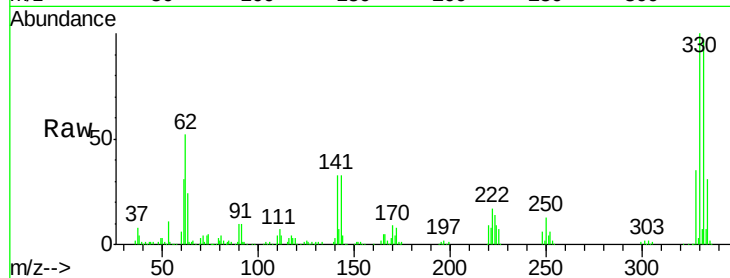




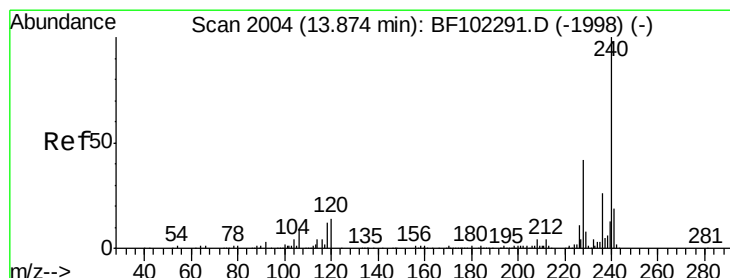
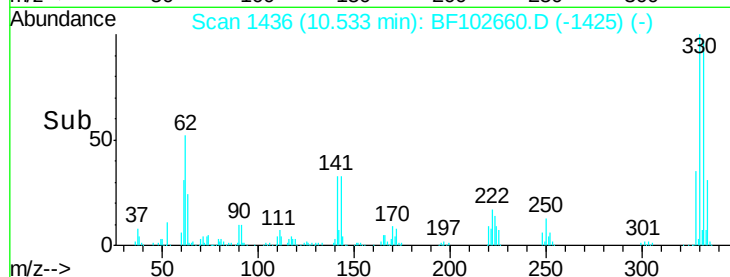
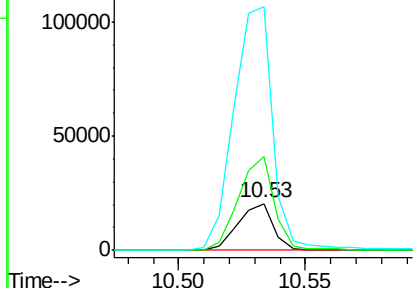
#66
 4-Bromophenyl-phenylether
 Concen: 3.827 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.24 min
 Lab File: BF102660.D
 Acq: 31 Jan 2018 17:48

Instrument :
 BNA_F
 ClientSampled :
 TW-01

Tgt Ion:248 Resp: 19881
 Ion Ratio Lower Upper
 248 100
 250 198.6 76.9 115.3#
 141 517.6 74.4 111.6#

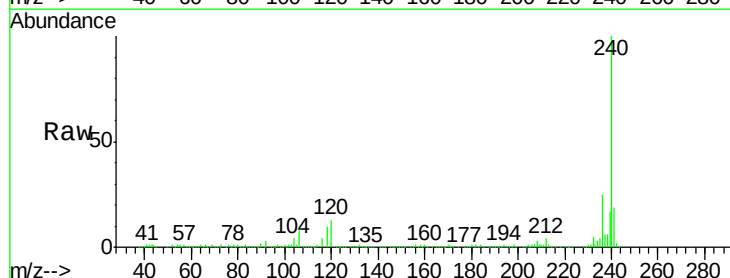


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

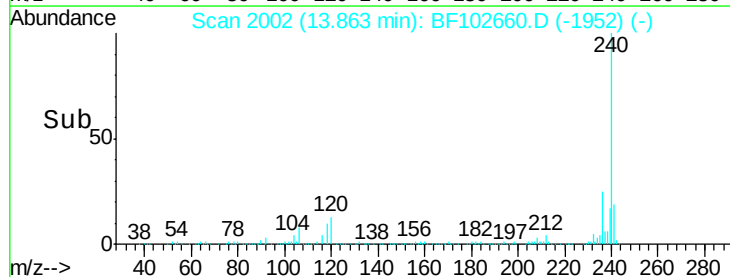
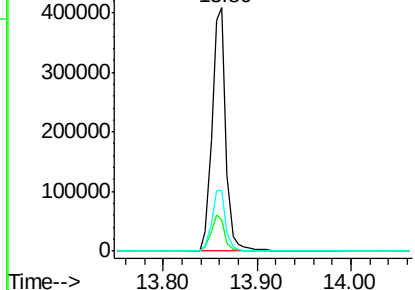


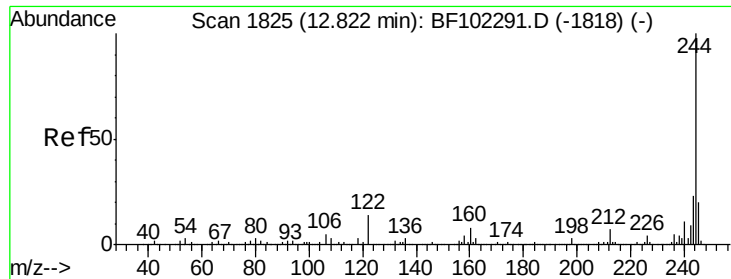
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF102660.D
 Acq: 31 Jan 2018 17:48

Tgt Ion:240 Resp: 426371
 Ion Ratio Lower Upper
 240 100
 120 12.7 9.5 14.3
 236 24.9 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

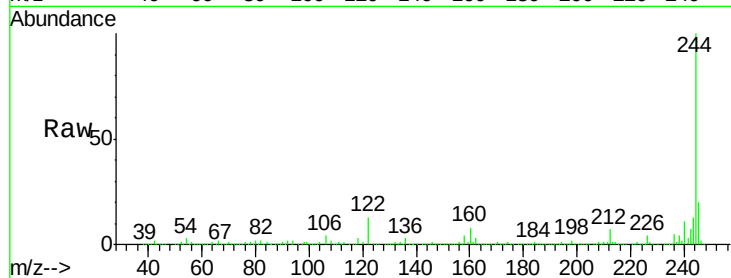




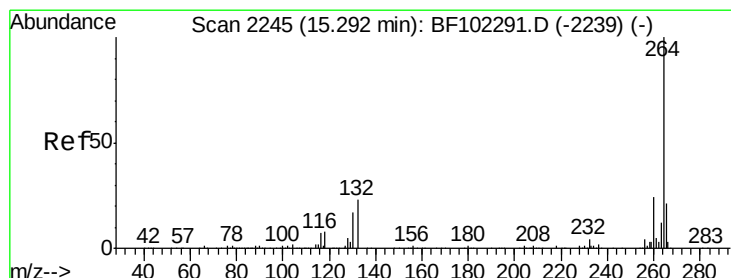
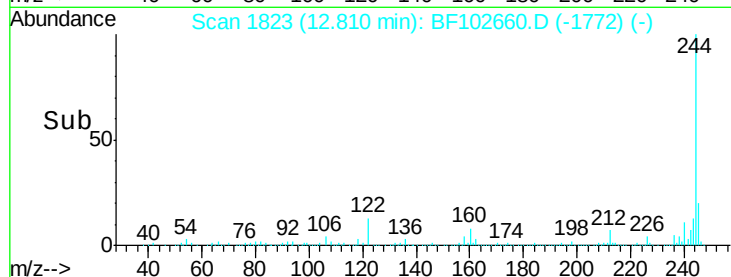
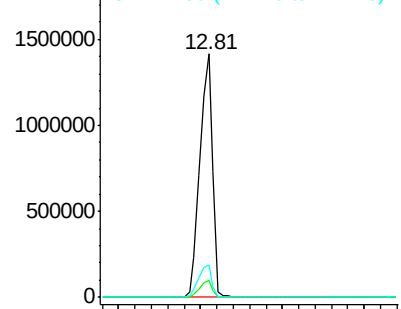
#78
 Terphenyl-d14
 Concen: 81.706 ng
 RT: 12.81 min Scan# 1823
 Delta R.T. 0.00 min
 Lab File: BF102660.D
 Acq: 31 Jan 2018 17:48

Instrument :
 BNA_F
 ClientSampleId :
 TW-01

Tgt Ion:244 Resp: 1545323
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 13.4 11.0 16.4

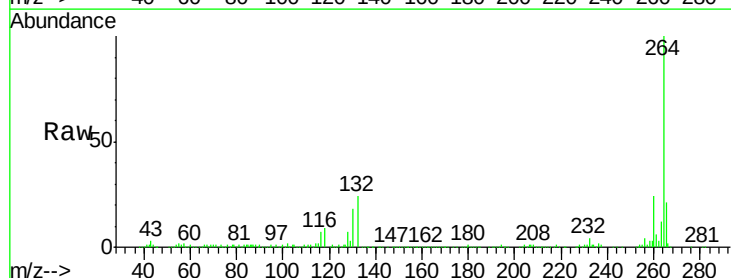


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BF102660.D
 Acq: 31 Jan 2018 17:48

Tgt Ion:264 Resp: 335494
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.1 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

