

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021918\
 Data File : BF103080.D
 Acq On : 19 Feb 2018 14:19
 Operator : SJ/JU
 Sample : J1604-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 19 16:15:39 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	168093	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	685446	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	284135	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	418161	20.00	ng	0.00
75) Chrysene-d12	14.04	240	300094	20.00	ng	-0.01
86) Perylene-d12	15.54	264	332044	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	1230632	111.18	ng	0.01
7) Phenol-d6	6.52	99	1447047	108.58	ng	0.00
23) Nitrobenzene-d5	7.45	82	938109	94.94	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	257266	112.49	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1336608	78.06	ng	0.00
78) Terphenyl-d14	12.99	244	844754	66.65	ng	0.00

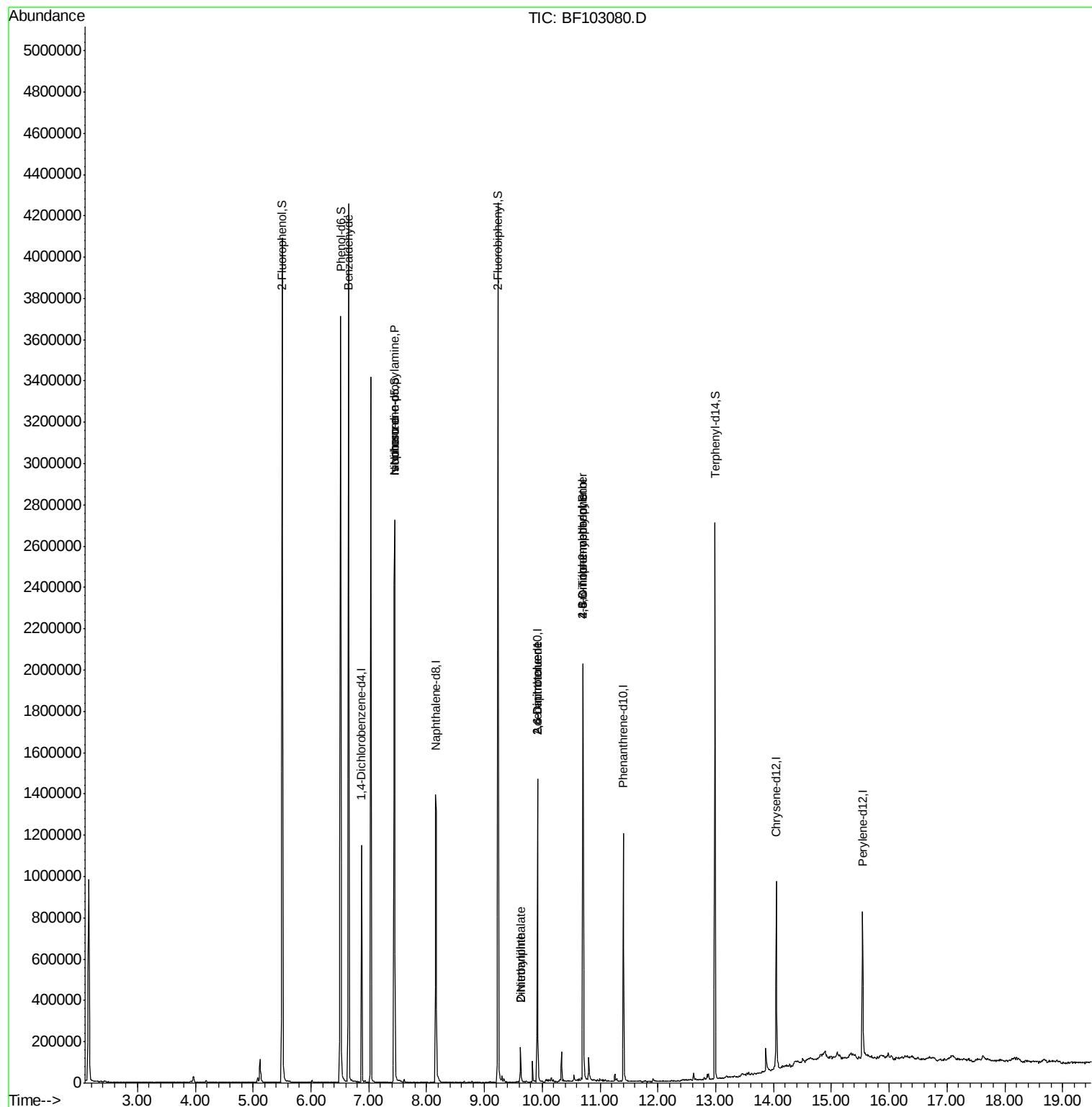
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.65	77	24258	2.451	ng	85
19) n-Nitroso-di-n-propylamine	7.45	70	123588	14.065	ng	# 78
25) Isophorone	7.45	82	938104	41.231	ng	# 64
47) 2-Nitroaniline	9.62	65	479	3.549	ng	# 1
49) Dimethylphthalate	9.62	163	70171	3.167	ng	100
50) 2,6-Dinitrotoluene	9.92	165	36737	8.716	ng	# 25
56) 2,4-Dinitrotoluene	9.92	165	36737	9.158	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.71	198	449	9.031	ng	# 1
66) 4-Bromophenyl-phenylether	10.71	248	16233	3.670	ng	# 1

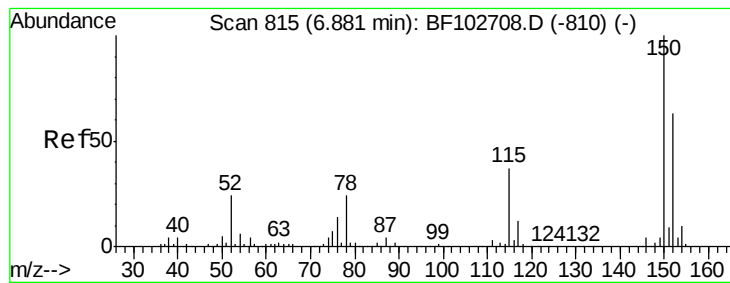
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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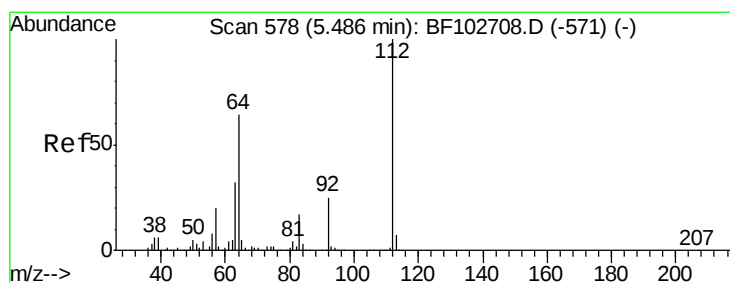
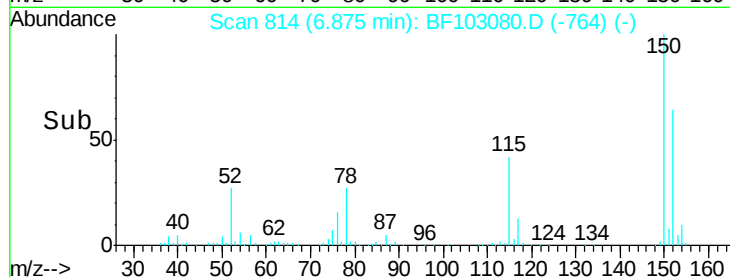
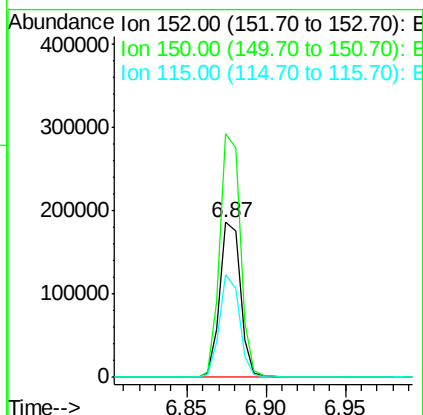
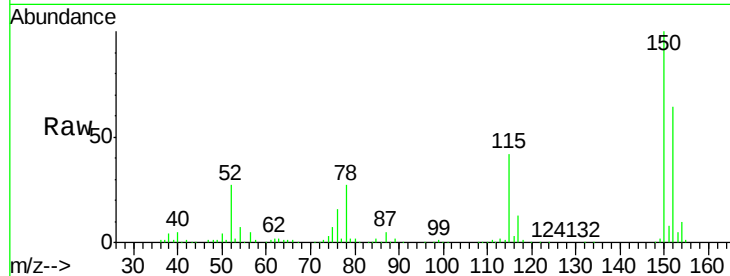


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103080.D
Acq: 19 Feb 2018 14:19

Instrument :
BNA_F
ClientSampleId :

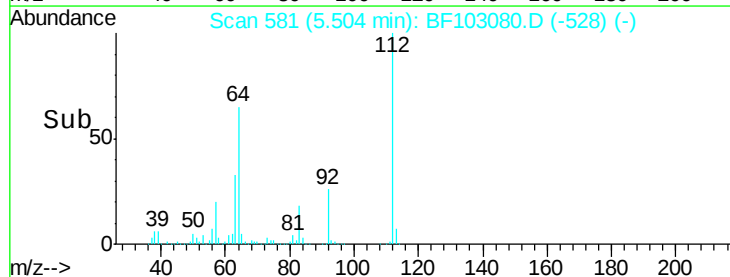
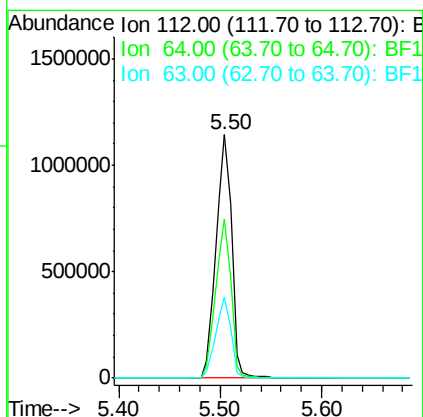
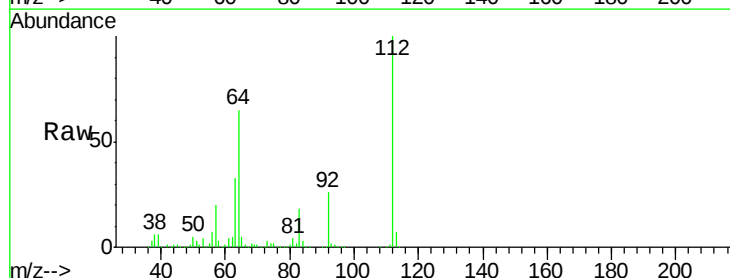
Tot Ion:152 Resp: 168093
Ion Ratio Lower Upper
152 100
150 156.8 124.6 186.8
115 66.5 50.1 75.1



#5

2-Fluorophenol
Concen: 111.184 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103080.D
Acq: 19 Feb 2018 14:19

Tgt Ion:112 Resp: 1230632
Ion Ratio Lower Upper
112 100
64 65.4 47.9 71.9
63 33.3 23.7 35.5





#7

Phenol-d6

Concen: 108.579 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103080.D

Acq: 19 Feb 2018 14:19

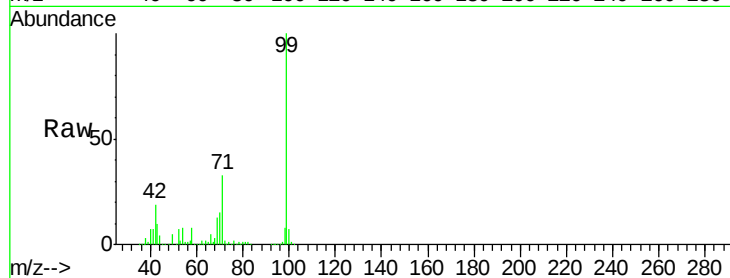
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1447047

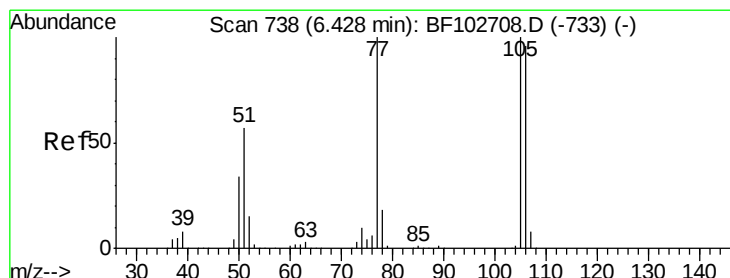
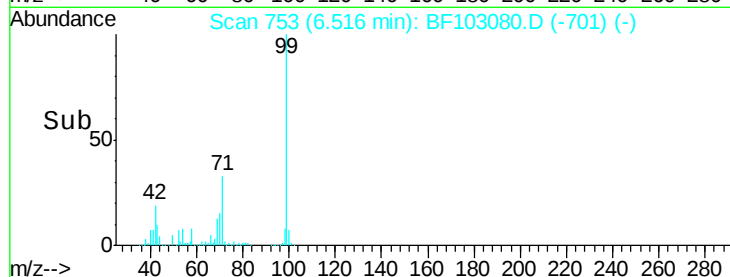
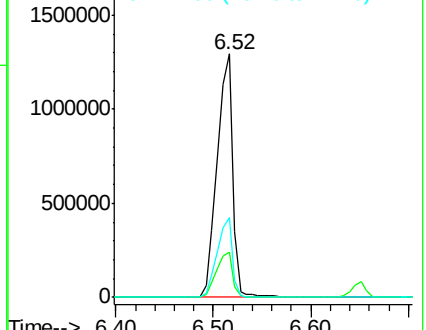
Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.5	21.7
71	33.0	25.4	38.0



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: 2.451 ng

RT: 6.65 min Scan# 776

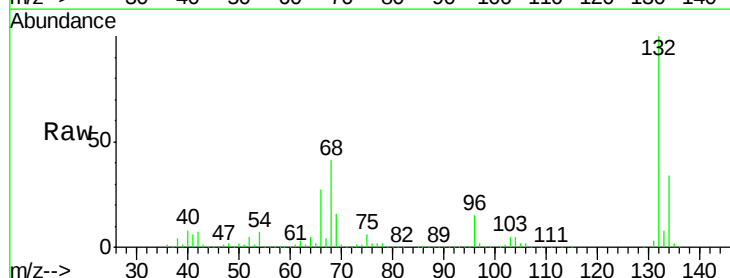
Delta R.T. 0.22 min

Lab File: BF103080.D

Acq: 19 Feb 2018 14:19

Tgt Ion: 77 Resp: 24258

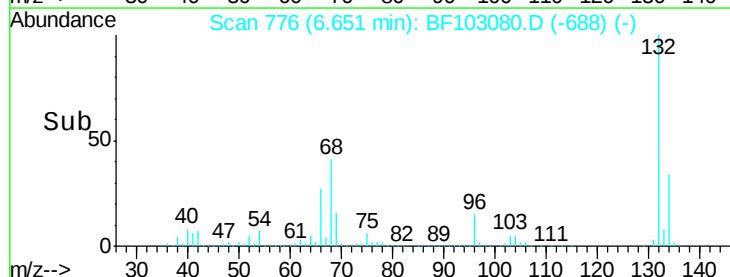
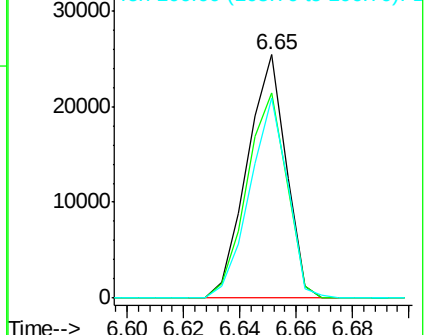
Ion	Ratio	Lower	Upper
77	100		
105	84.2	81.1	121.1
106	82.4	74.5	114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

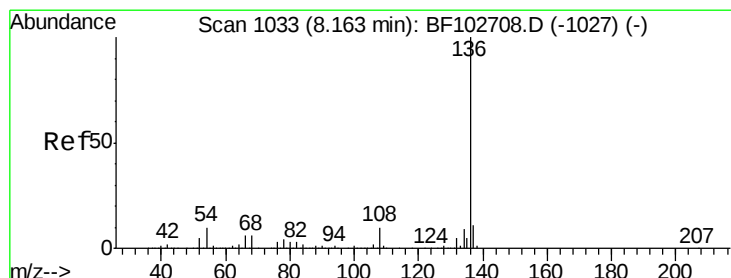
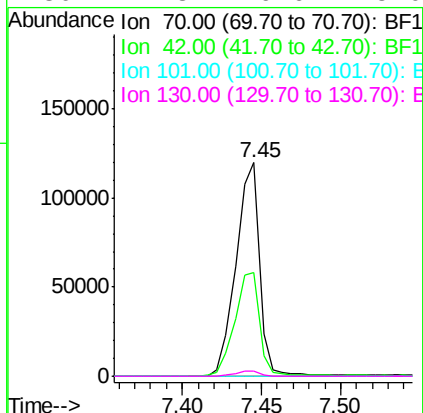
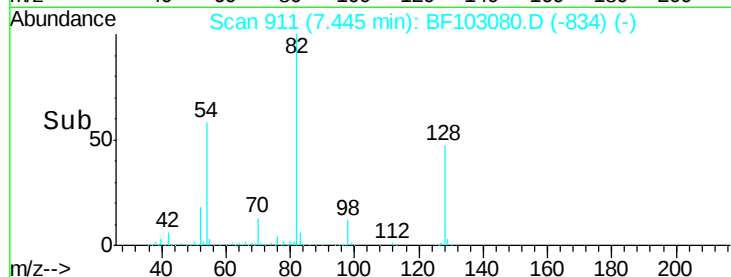
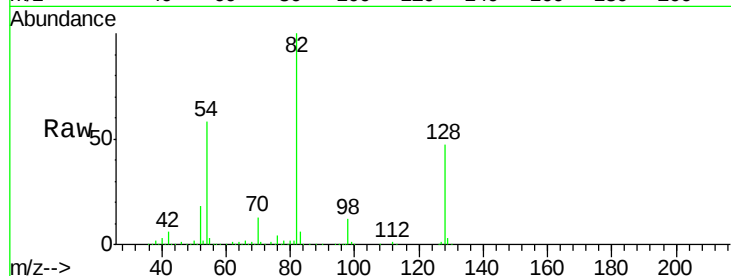




#19
n-Nitroso-di-n-propylamine
Concen: 14.065 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF103080.D
Acq: 19 Feb 2018 14:19

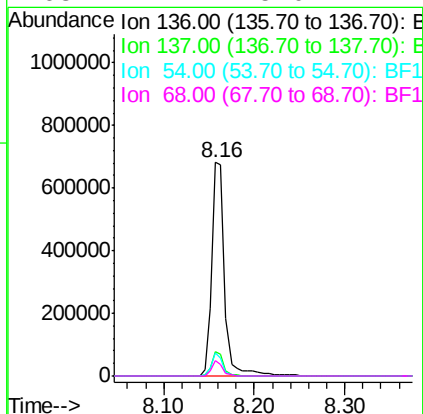
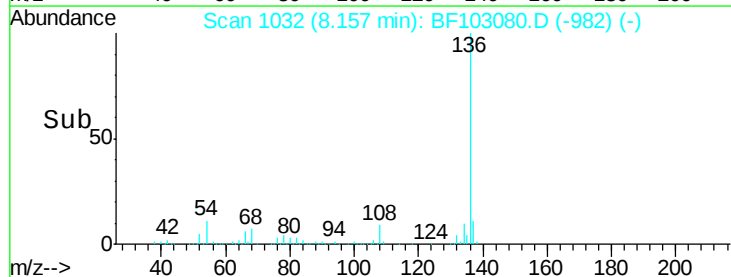
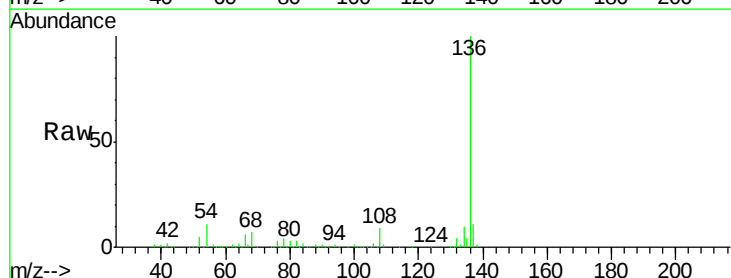
Instrument :
BNA_F
ClientSampleId :

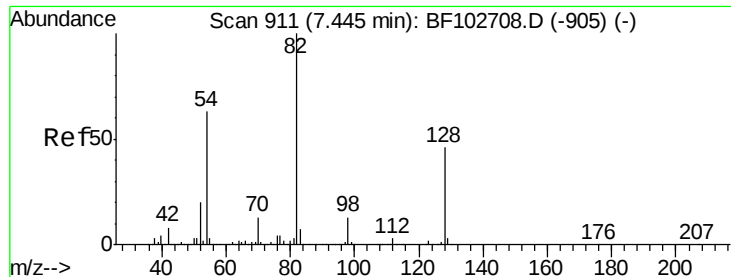
Tot Ion: 70 Resp: 123588
Ion Ratio Lower Upper
70 100
42 48.3 47.5 71.3
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF103080.D
Acq: 19 Feb 2018 14:19

Tgt Ion:136 Resp: 685446
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 10.7 6.6 9.8#
68 7.1 5.0 7.4

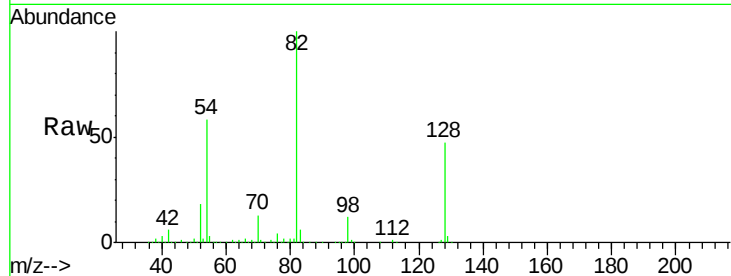




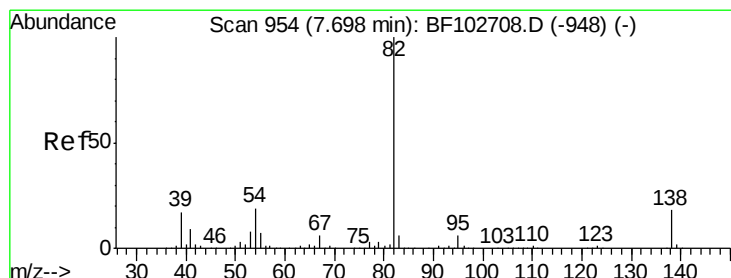
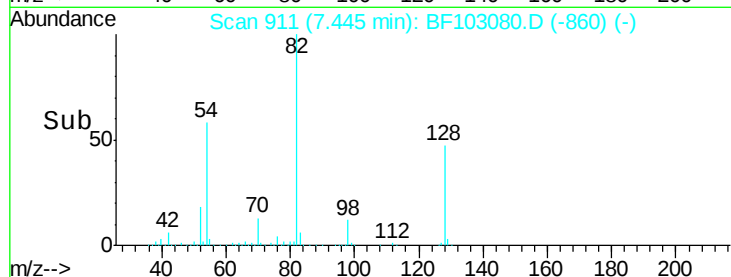
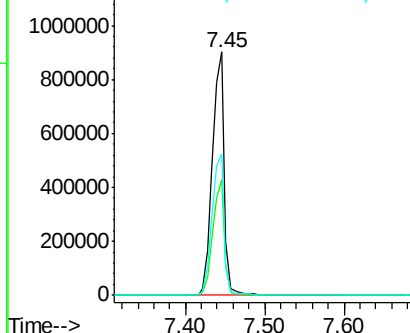
#23
Nitrobenzene-d5
Concen: 94.941 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF103080.D
Acq: 19 Feb 2018 14:19

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.5	36.1	54.1
54	57.9	41.4	62.2

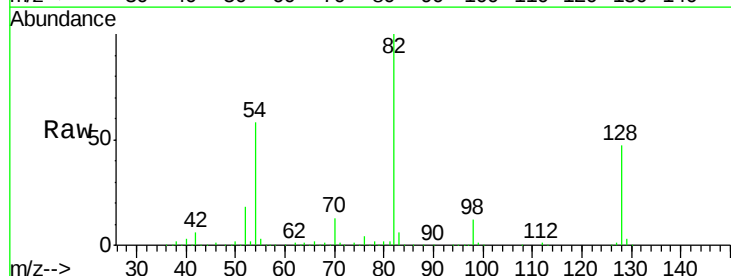


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

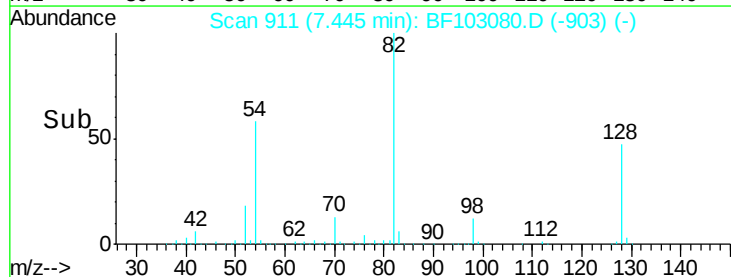
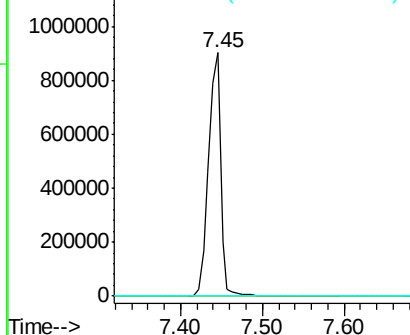


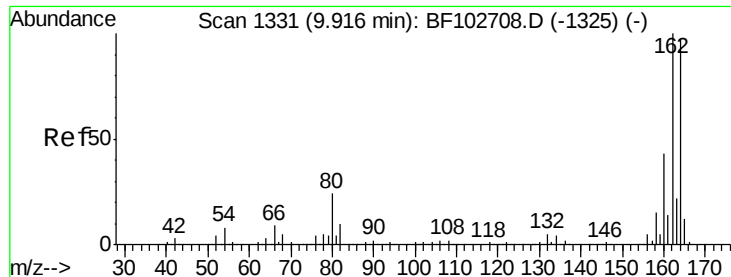
#25
Isophorone
Concen: 41.231 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.25 min
Lab File: BF103080.D
Acq: 19 Feb 2018 14:19

Tgt 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

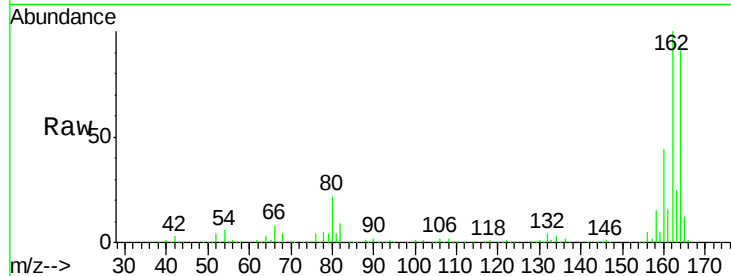




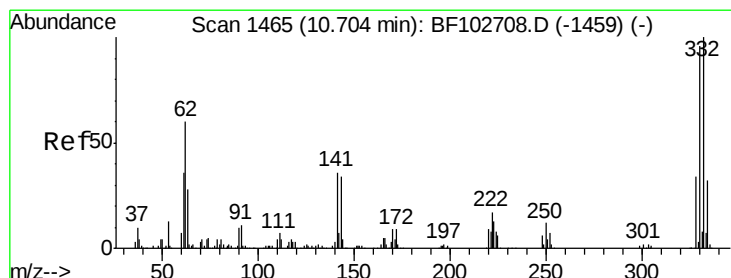
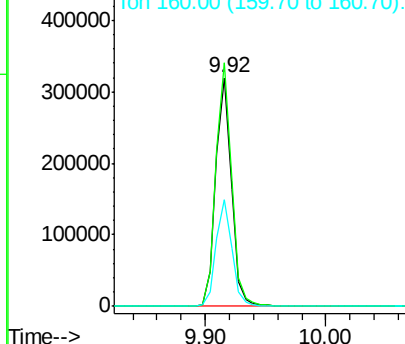
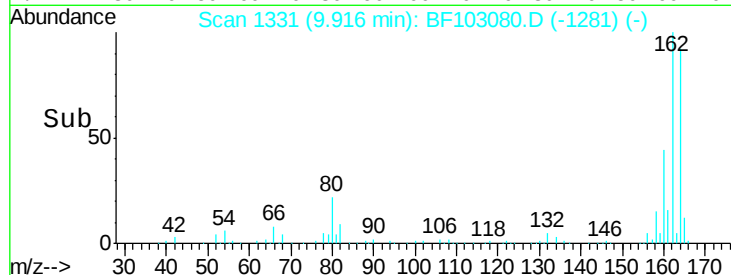
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF103080.D
 Acq: 19 Feb 2018 14:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 284135
 Ion Ratio Lower Upper
 164 100
 162 106.5 86.1 129.1
 160 46.7 38.3 57.5

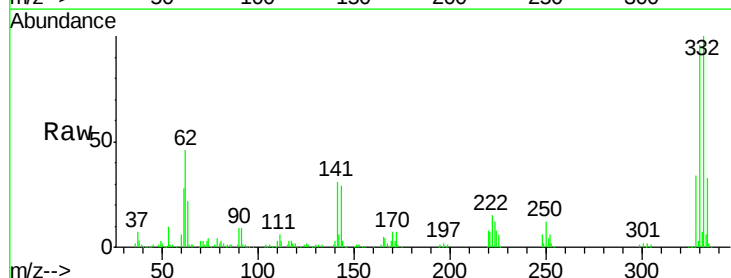


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

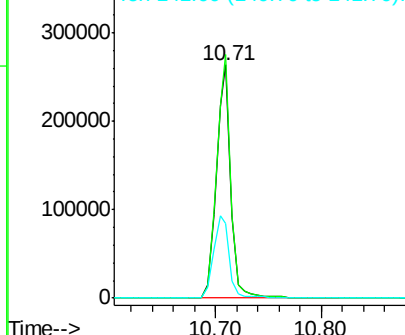
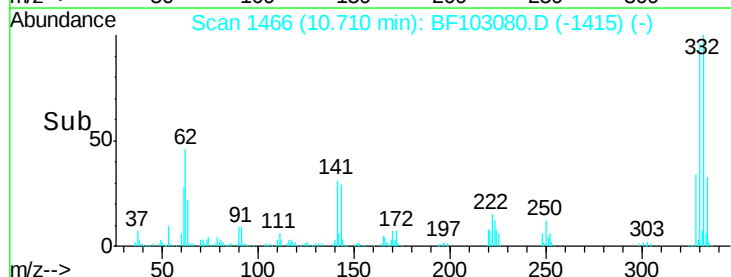


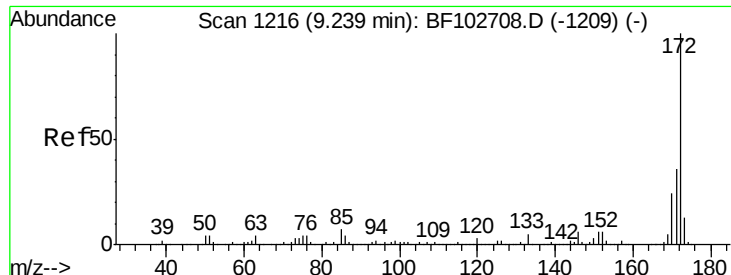
#41
 2,4,6-Tribromophenol
 Concen: 112.493 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF103080.D
 Acq: 19 Feb 2018 14:19

Tgt Ion:330 Resp: 257266
 Ion Ratio Lower Upper
 330 100
 332 101.9 77.0 115.6
 141 38.4 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

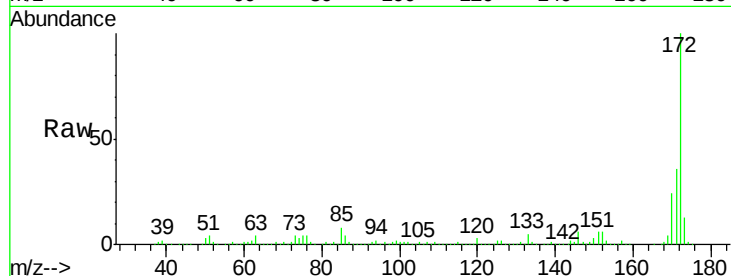




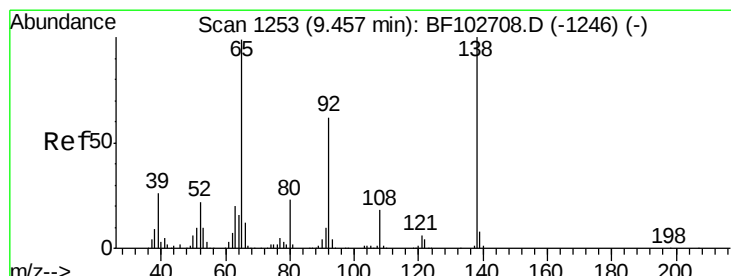
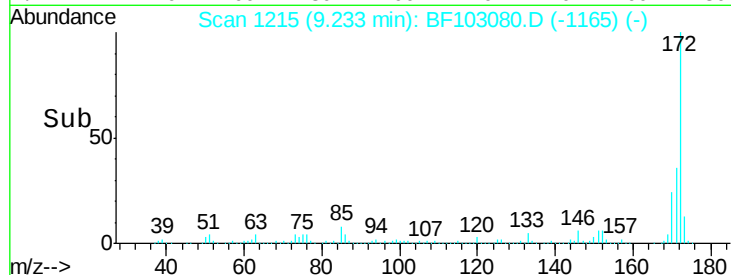
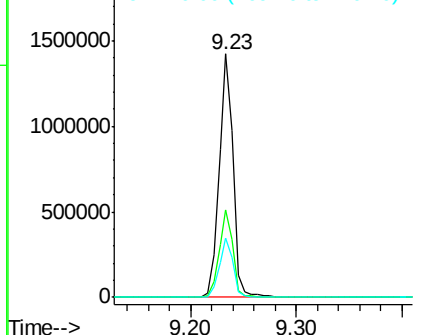
#44
2-Fluorobiphenyl
Concen: 78.058 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF103080.D
Acq: 19 Feb 2018 14:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1336608
Ion Ratio Lower Upper
172 100
171 35.7 29.7 44.5
170 24.1 19.6 29.4

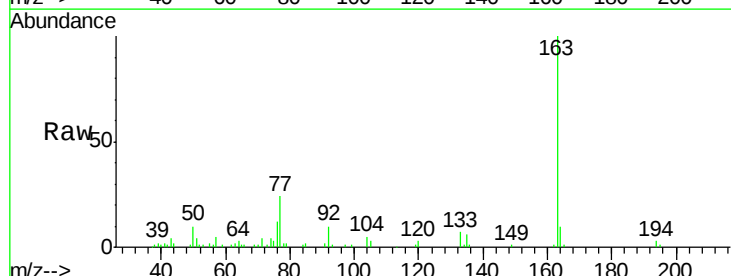


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

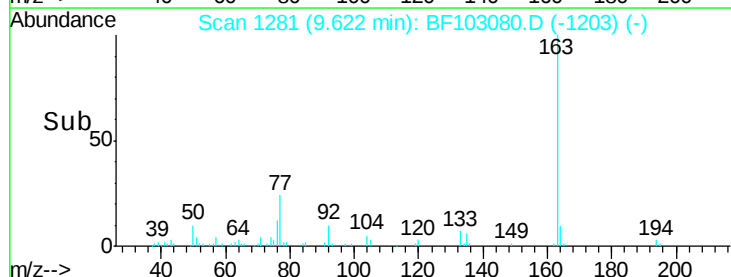
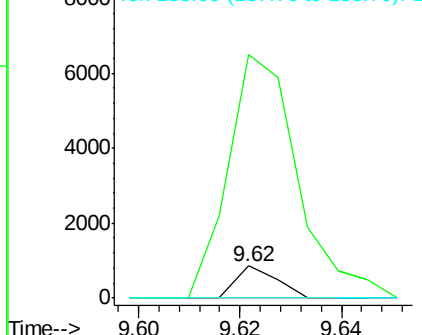


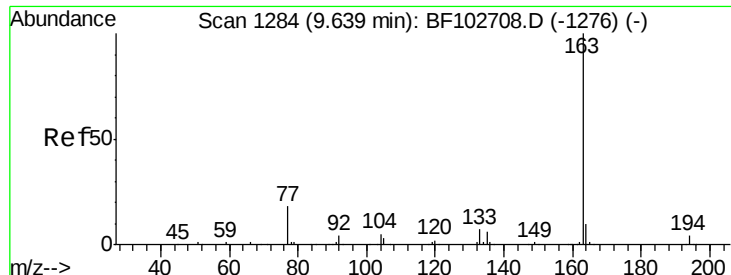
#47
2-Nitroaniline
Concen: 3.549 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.16 min
Lab File: BF103080.D
Acq: 19 Feb 2018 14:19

Tgt Ion: 65 Resp: 479
Ion Ratio Lower Upper
65 100
92 760.0 55.8 83.6#
138 0.0 91.2 136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E

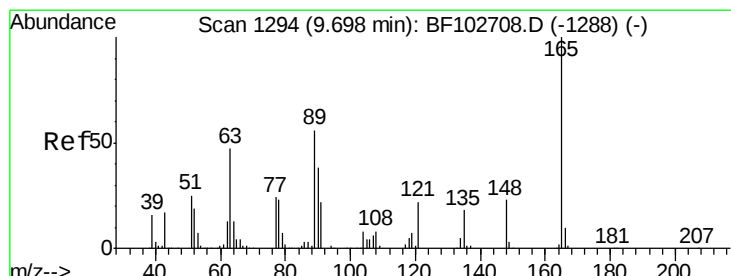
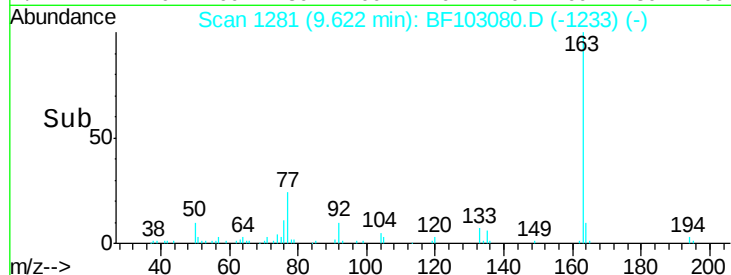
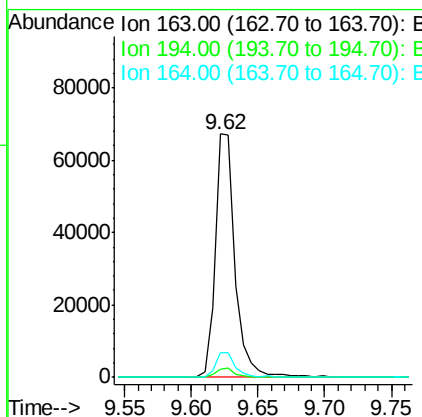
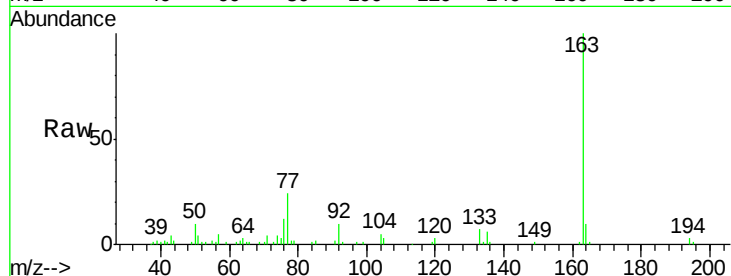




#49
Dimethylphthalate
Concen: 3.167 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF103080.D
Acq: 19 Feb 2018 14:19

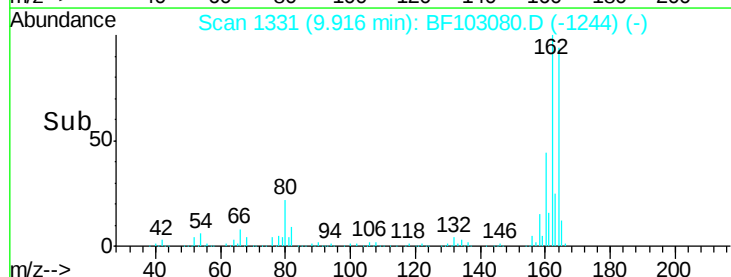
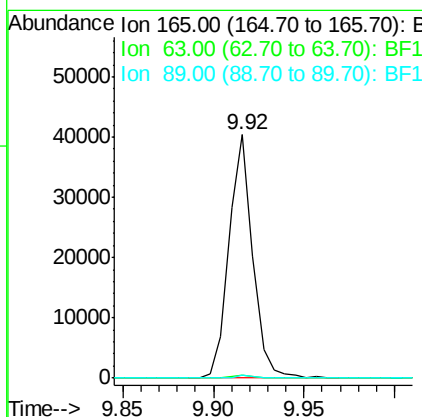
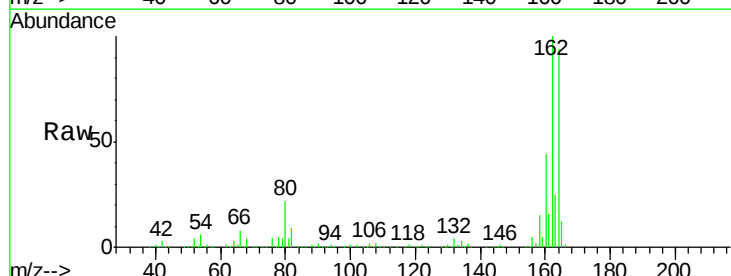
Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 70171
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.0 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 8.716 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF103080.D
Acq: 19 Feb 2018 14:19

Tgt Ion:165 Resp: 36737
Ion Ratio Lower Upper
165 100
63 1.3 44.7 67.1#
89 1.1 44.0 66.0#

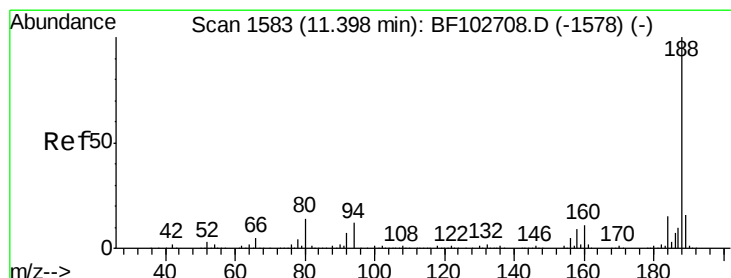
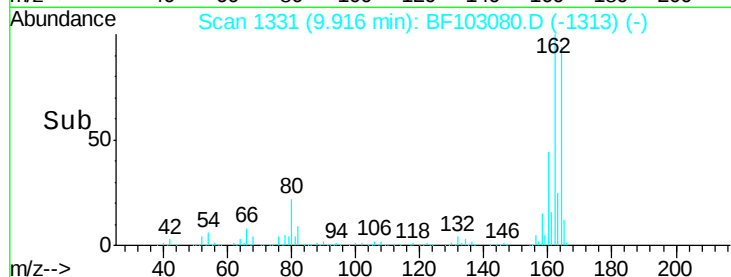
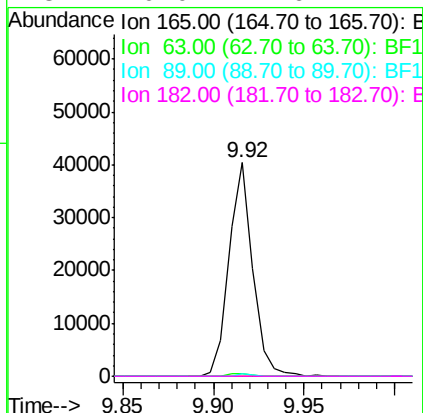
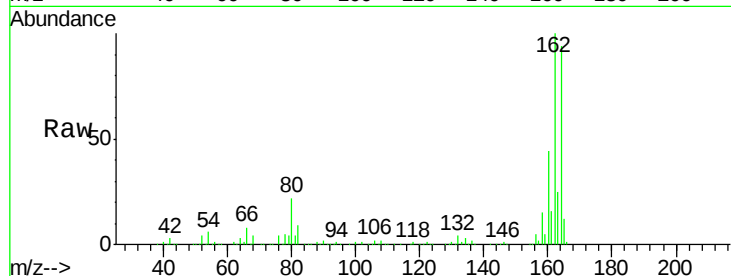




#56
 2,4-Dinitrotoluene
 Concen: 9.158 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF103080.D
 Acq: 19 Feb 2018 14:19

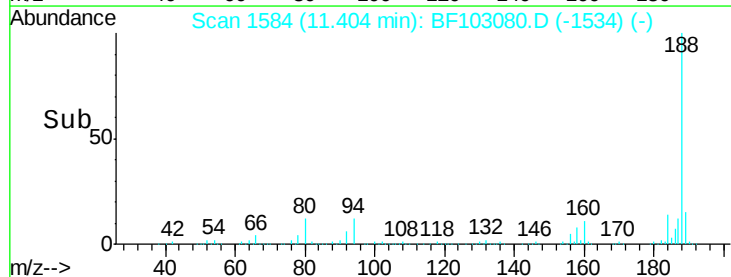
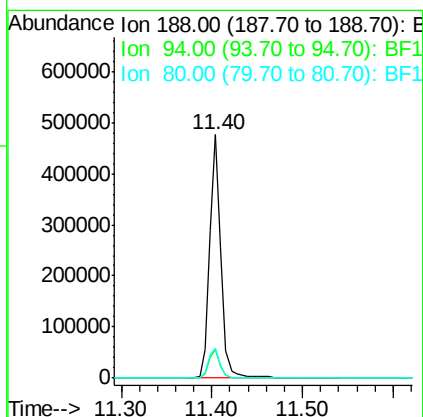
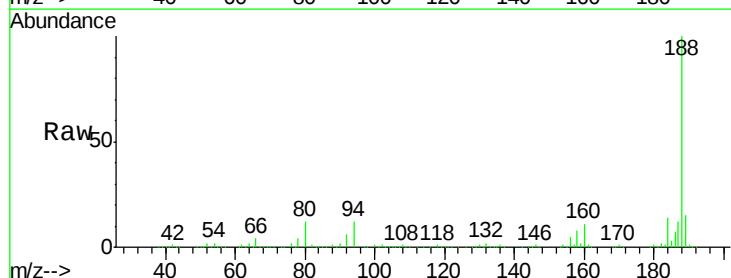
Instrument :
 BNA_F
 ClientSampleId :

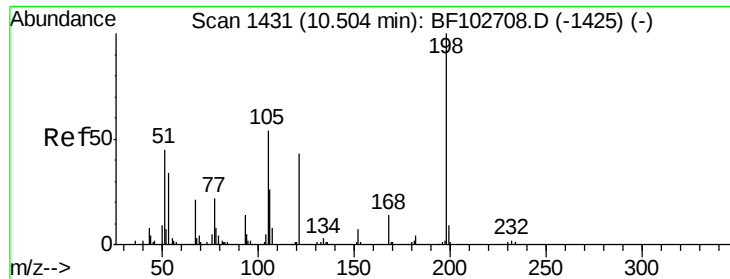
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF103080.D
 Acq: 19 Feb 2018 14:19

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.6	8.5	12.7
80	12.4	9.2	13.8

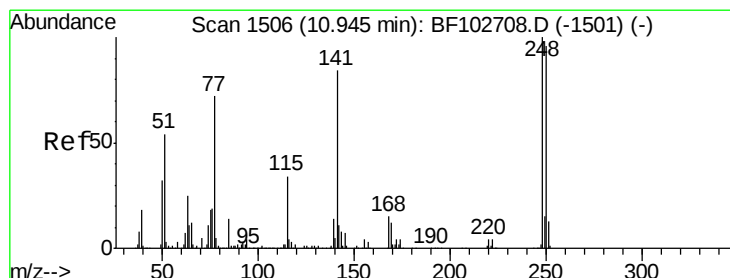
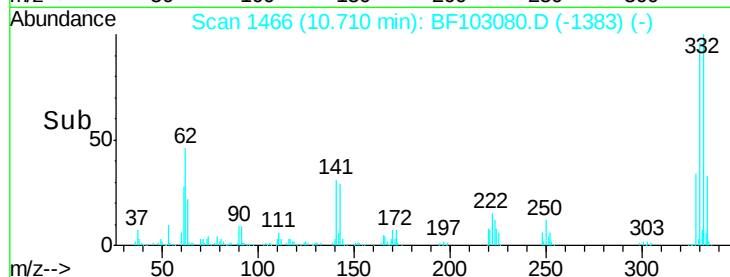
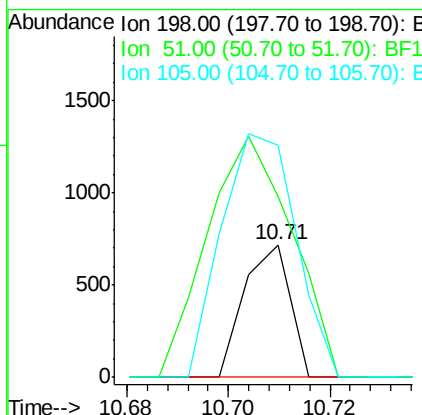
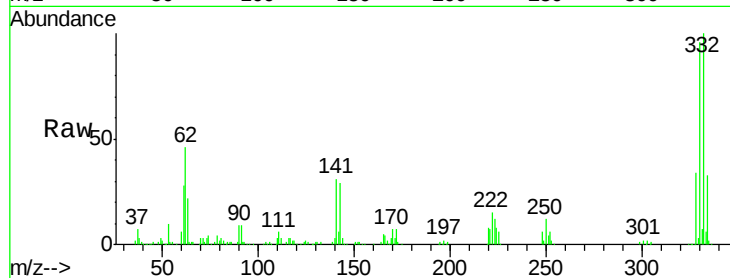




#64
 4,6-Dinitro-2-methylphenol
 Concen: 9.031 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.19 min
 Lab File: BF103080.D
 Acq: 19 Feb 2018 14:19

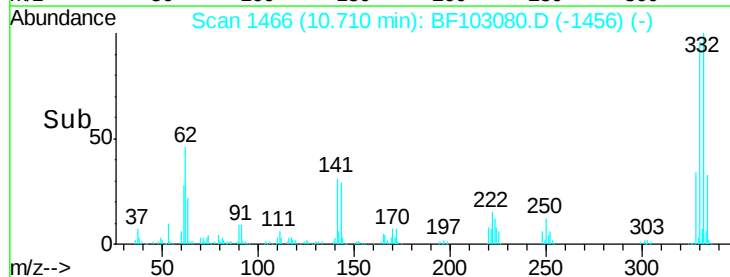
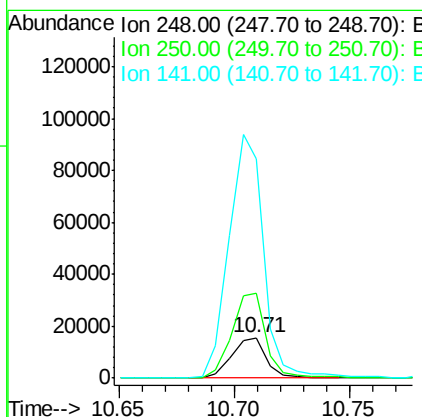
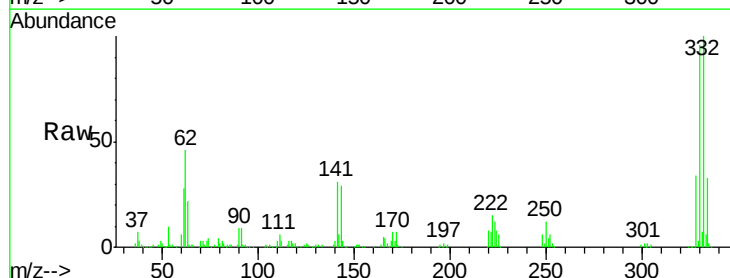
Instrument :
 BNA_F
 ClientSampleId :

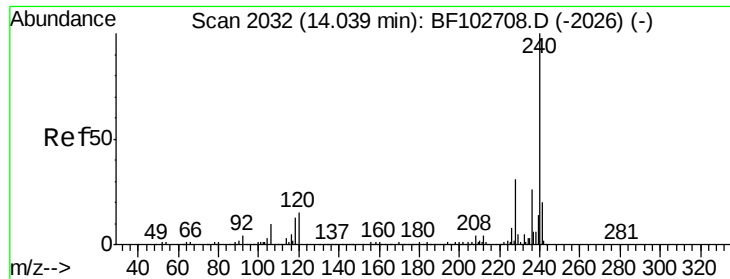
Tot Ion:198 Resp: 449
 Ion Ratio Lower Upper
 198 100
 51 136.6 37.7 77.7#
 105 175.4 36.3 76.3#



#66
 4-Bromophenyl-phenylether
 Concen: 3.670 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.24 min
 Lab File: BF103080.D
 Acq: 19 Feb 2018 14:19

Tgt Ion:248 Resp: 16233
 Ion Ratio Lower Upper
 248 100
 250 210.4 76.9 115.3#
 141 540.5 74.4 111.6#

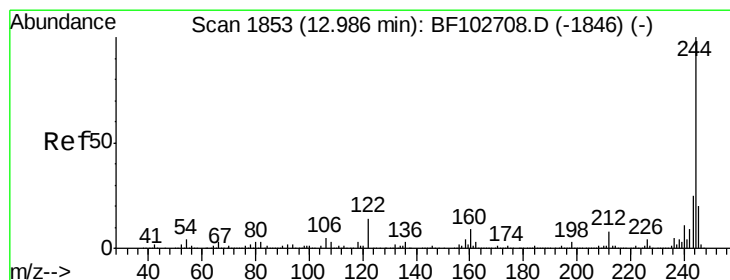
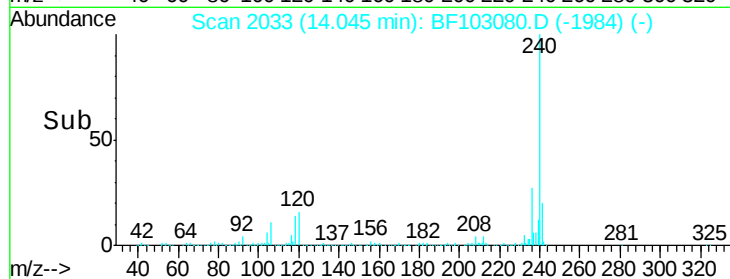
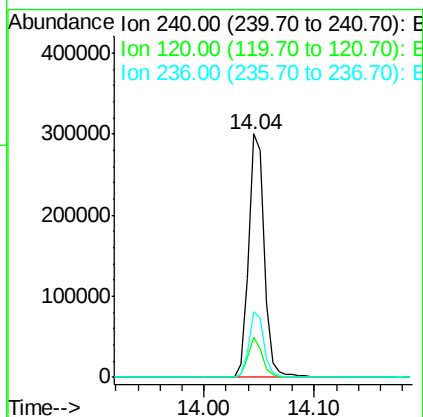
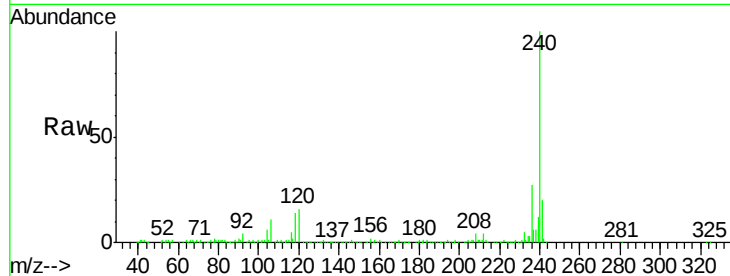




#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF103080.D
 Acq: 19 Feb 2018 14:19

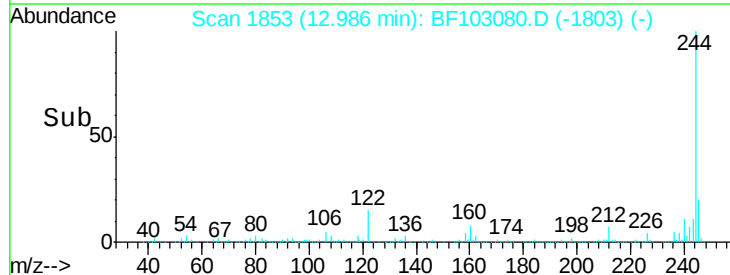
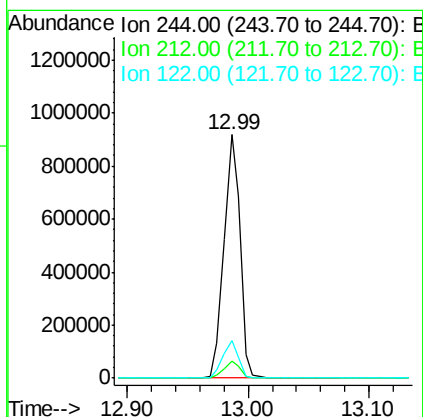
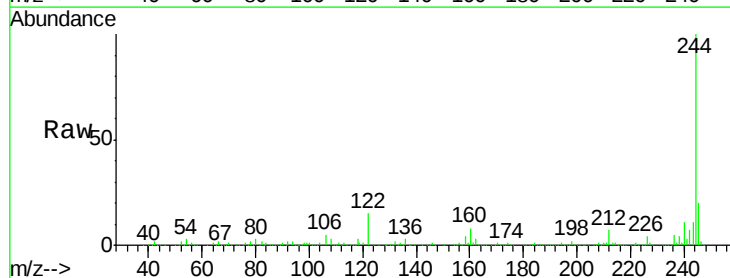
Instrument :
 BNA_F
 ClientSampleId :

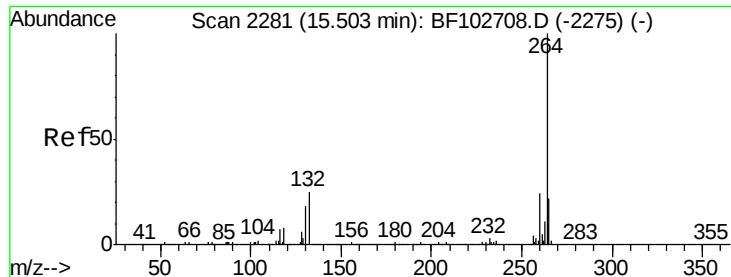
Tot Ion:240 Resp: 300094
 Ion Ratio Lower Upper
 240 100
 120 16.4 9.5 14.3#
 236 27.0 20.7 31.1



#78
 Terphenyl-d14
 Concen: 66.652 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF103080.D
 Acq: 19 Feb 2018 14:19

Tgt Ion:244 Resp: 844754
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 15.3 11.0 16.4

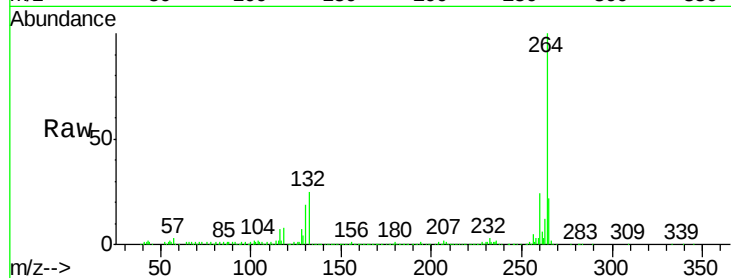




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BF103080.D
Acq: 19 Feb 2018 14:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.3	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

