

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011718\
 Data File : BF102160.D
 Acq On : 17 Jan 2018 19:53
 Operator : SJ/JU
 Sample : J1167-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 18 01:09:25 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 17 15:28:18 2018
 Response via : Initial Calibration

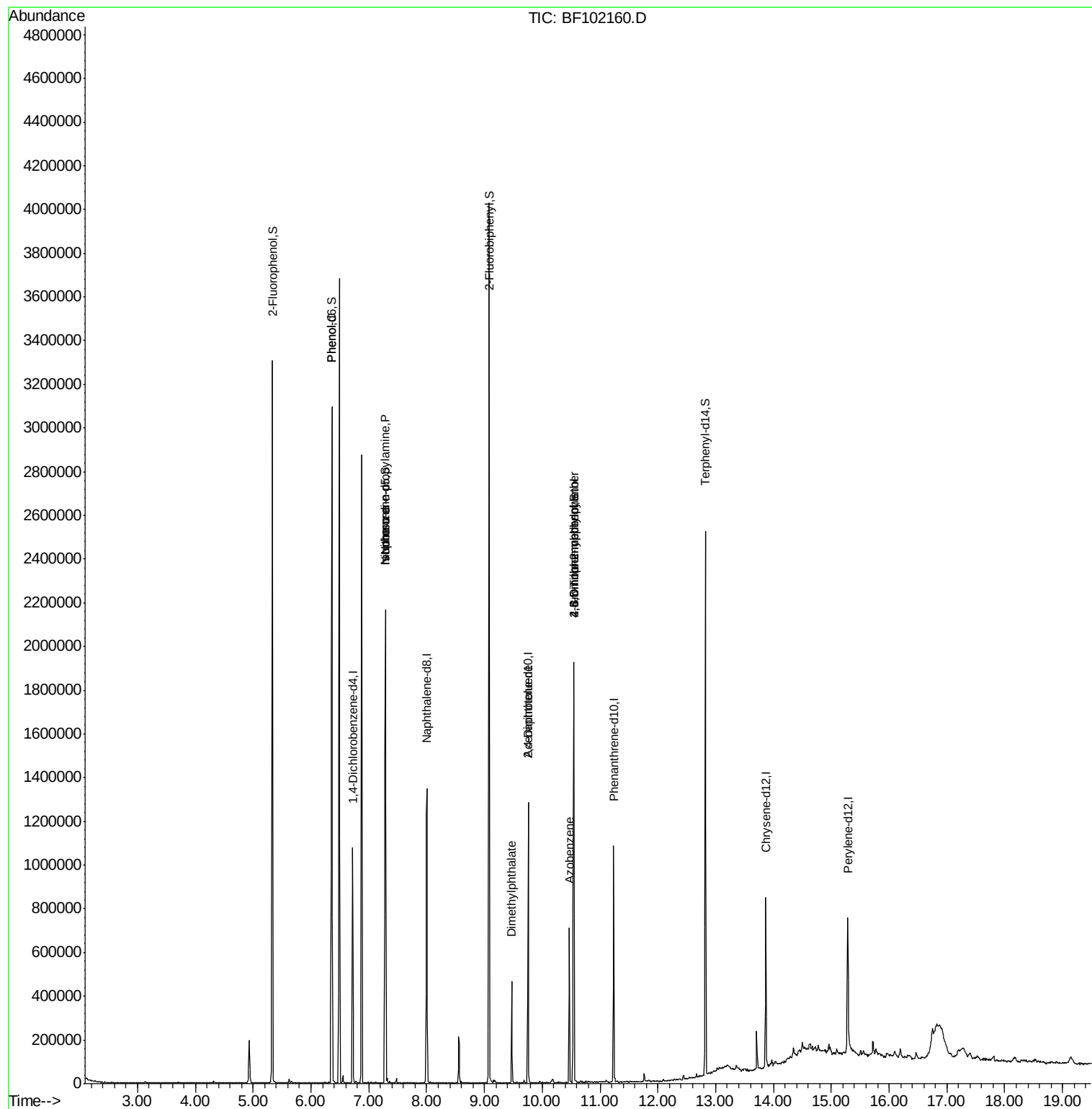
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	156128	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	613035	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	254414	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	371639	20.00	ng	0.00
75) Chrysene-d12	13.87	240	262502	20.00	ng	0.00
86) Perylene-d12	15.29	264	273741	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	991832	89.71	ng	0.01
7) Phenol-d6	6.36	99	1154877	87.55	ng	0.00
23) Nitrobenzene-d5	7.29	82	719368	68.96	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	218941	98.61	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1245561	76.49	ng	0.00
78) Terphenyl-d14	12.82	244	791400	62.60	ng	0.00
Target Compounds						
10) Phenol	6.37	94	53471	3.587	ng	88
19) n-Nitroso-di-n-propylamine	7.29	70	97279	11.253	ng	# 81
25) Isophorone	7.29	82	711548	34.519	ng	# 64
49) Dimethylphthalate	9.47	163	175336	8.591	ng	99
56) 2,4-Dinitrotoluene	9.75	165	31316	6.129	ng	# 23
62) Azobenzene	10.47	77	113519	5.620	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.55	198	426	5.848	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	14290	3.641	ng	# 1

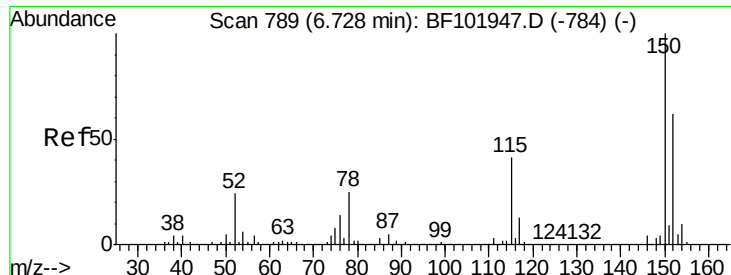
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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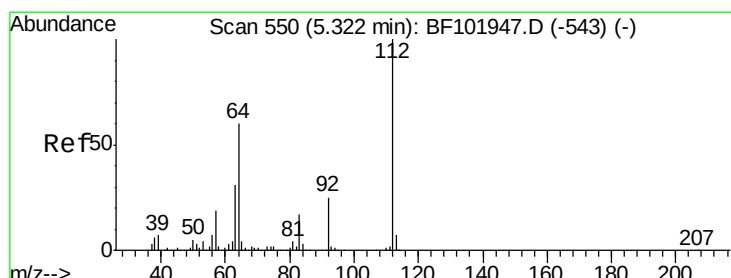
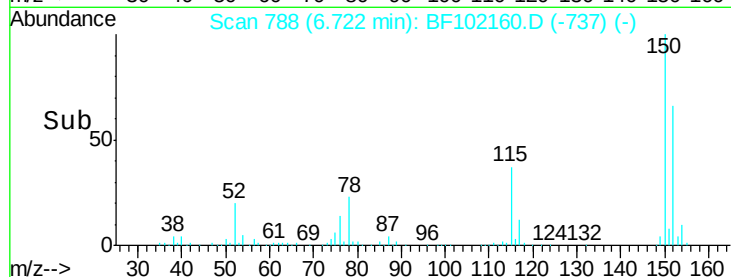
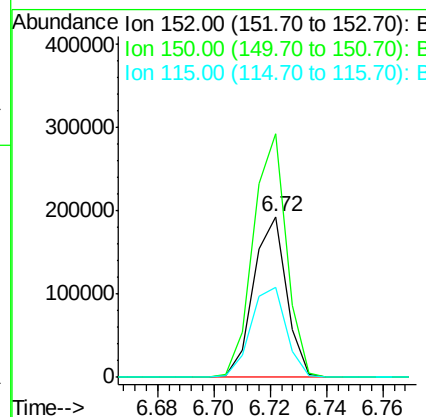
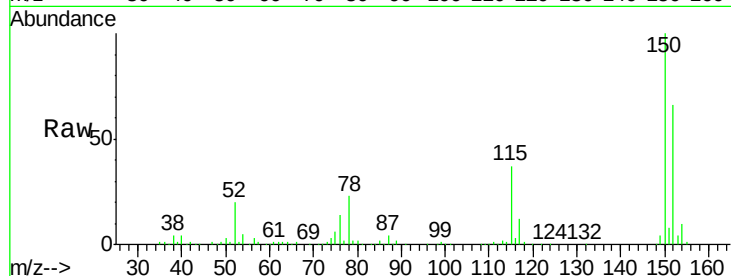




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF102160.D
 Acq: 17 Jan 2018 19:53

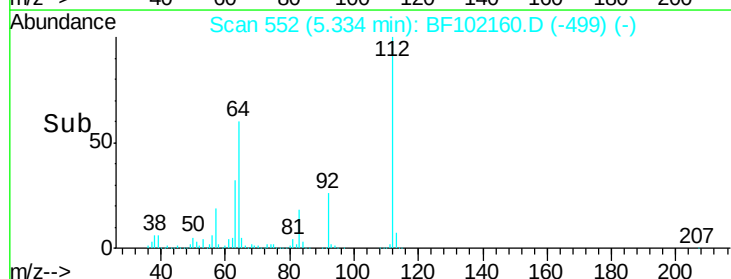
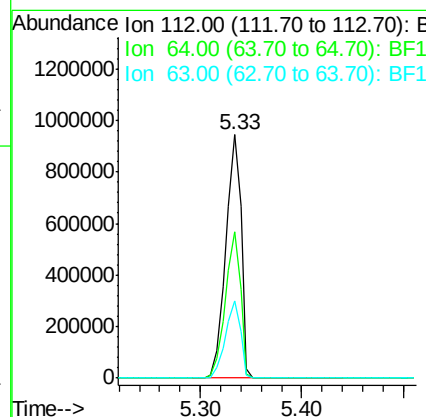
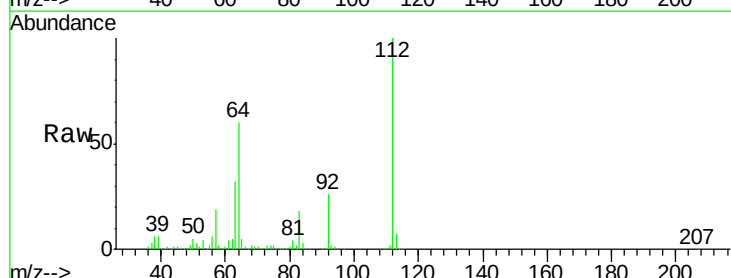
Instrument :
 BNA_F
 ClientSampleId :

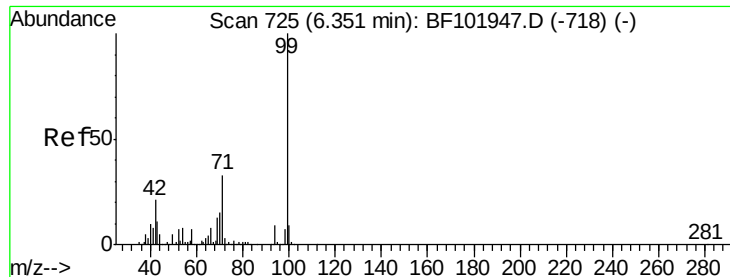
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.5	124.6	186.8
115	56.0	50.1	75.1



#5
 2-Fluorophenol
 Concen: 89.705 ng
 RT: 5.33 min Scan# 552
 Delta R.T. 0.01 min
 Lab File: BF102160.D
 Acq: 17 Jan 2018 19:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.1	47.9	71.9
63	31.6	23.7	35.5





#7

Phenol-d6

Concen: 87.546 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF102160.D

Acq: 17 Jan 2018 19:53

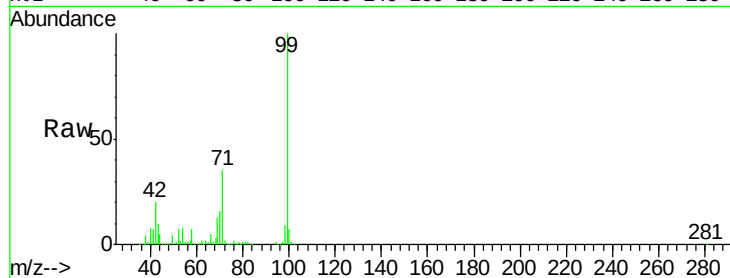
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1154877

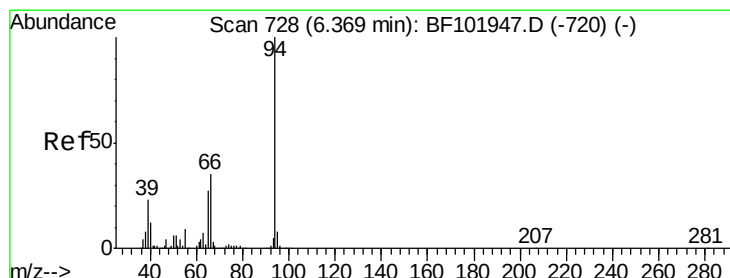
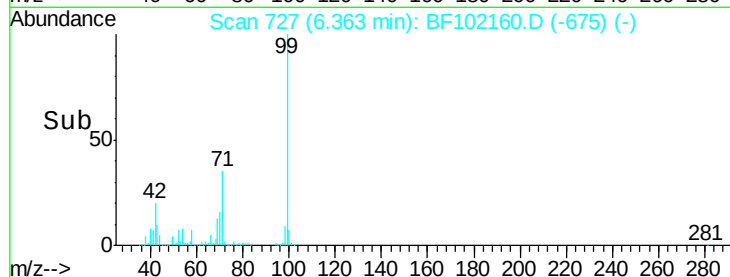
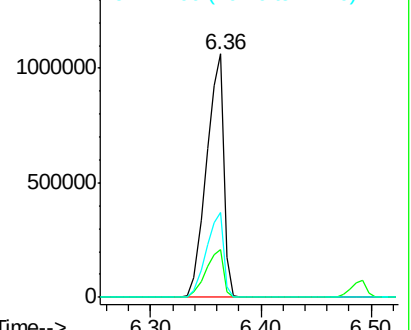
Ion	Ratio	Lower	Upper
99	100		
42	19.6	14.5	21.7
71	35.0	25.4	38.0



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



#10

Phenol

Concen: 3.587 ng

RT: 6.37 min Scan# 728

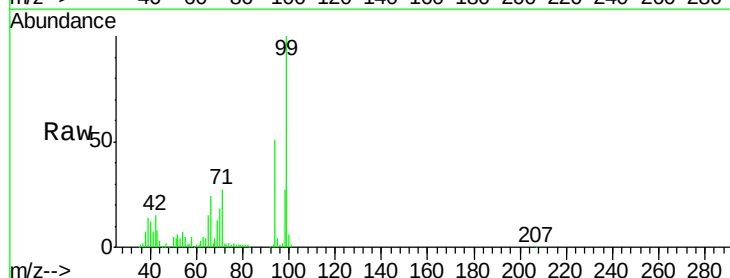
Delta R.T. -0.01 min

Lab File: BF102160.D

Acq: 17 Jan 2018 19:53

Tgt Ion: 94 Resp: 53471

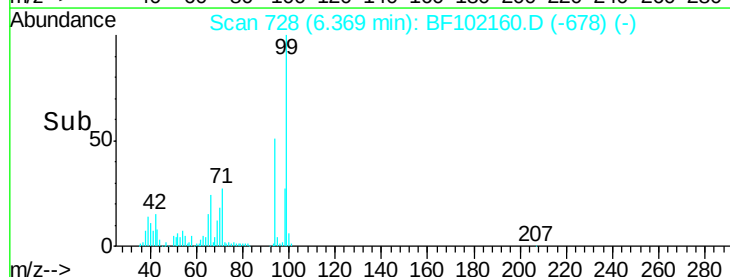
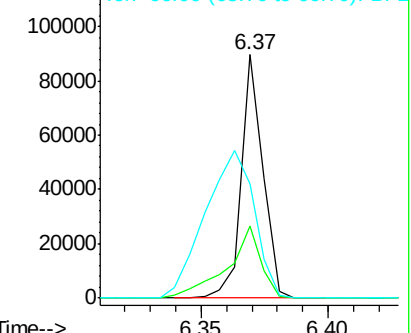
Ion	Ratio	Lower	Upper
94	100		
65	29.7	7.9	47.9
66	46.8	16.2	56.2

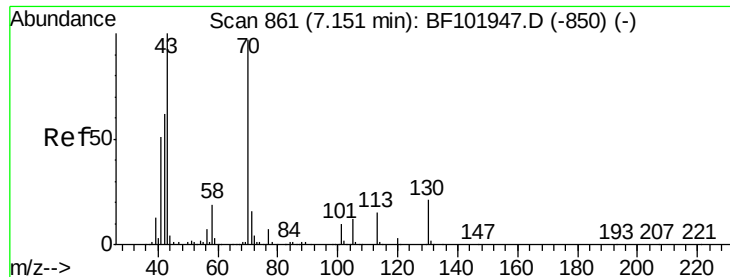


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

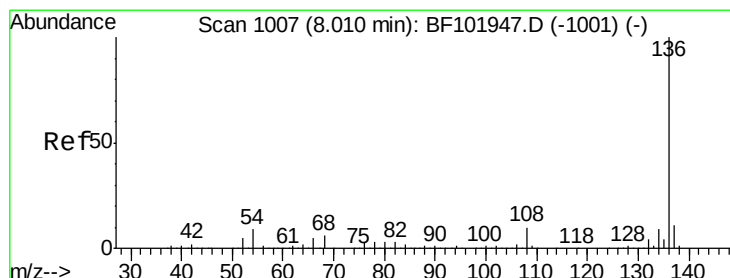
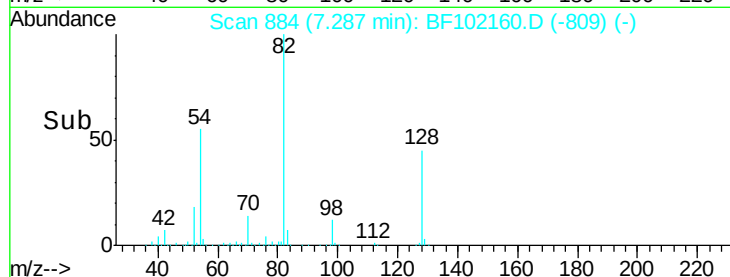
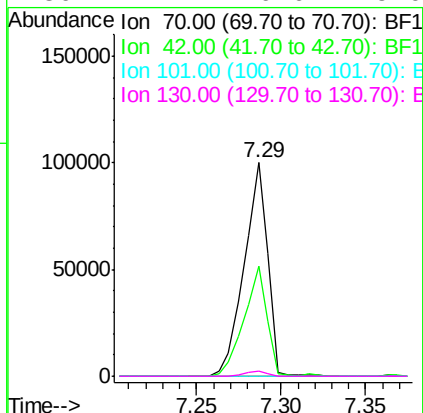
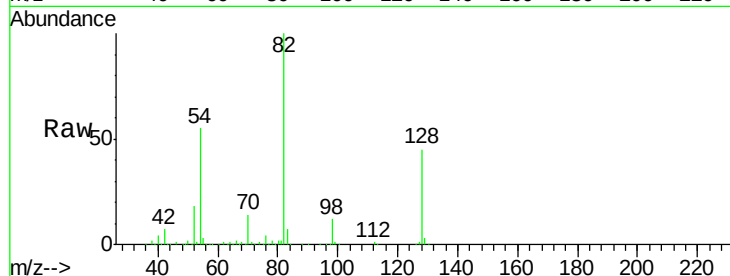




#19
n-Nitroso-di-n-propylamine
Concen: 11.253 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.14 min
Lab File: BF102160.D
Acq: 17 Jan 2018 19:53

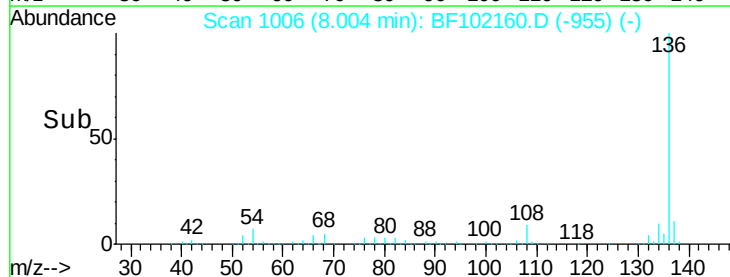
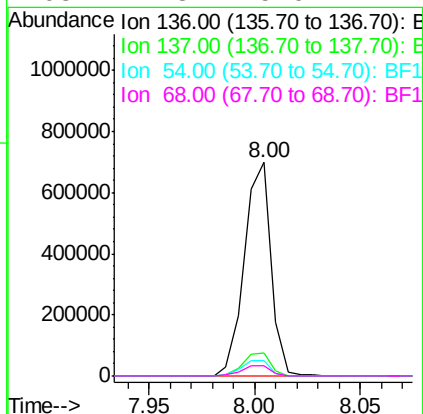
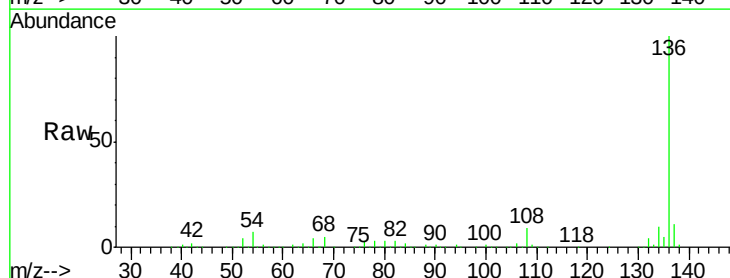
Instrument :
BNA_F
ClientSampleId :

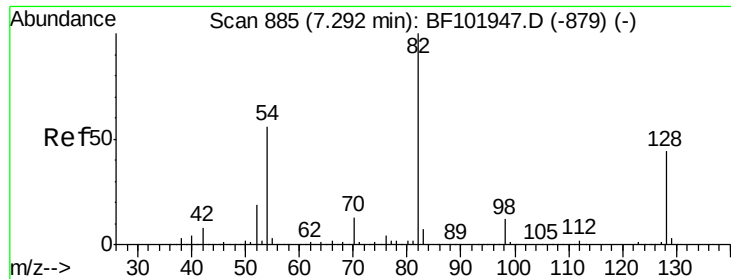
Tot Ion: 70 Resp: 97279
Ion Ratio Lower Upper
70 100
42 51.8 47.5 71.3
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF102160.D
Acq: 17 Jan 2018 19:53

Tgt Ion:136 Resp: 613035
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.1 6.6 9.8
68 4.8 5.0 7.4#

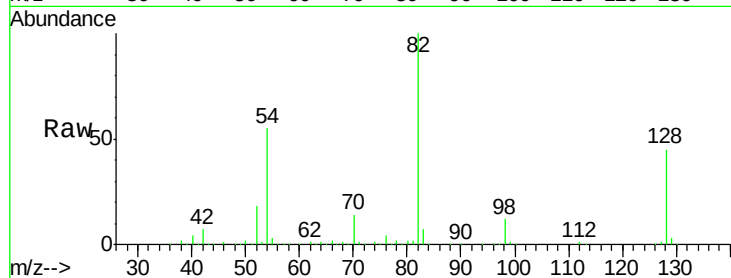




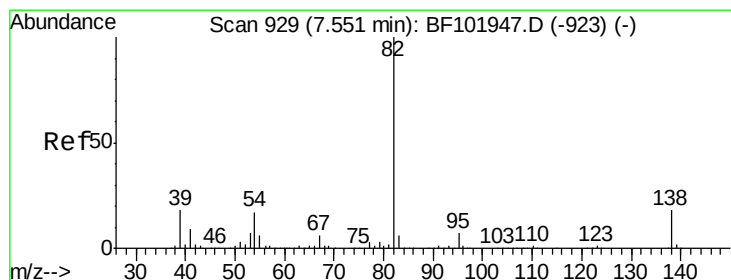
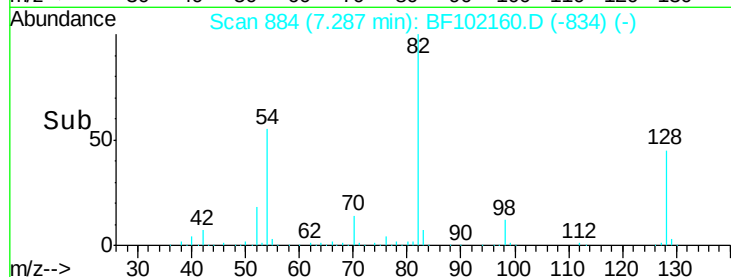
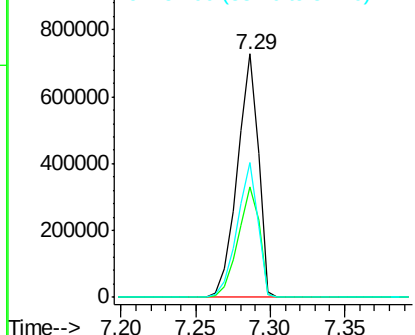
#23
Nitrobenzene-d5
Concen: 68.957 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102160.D
Acq: 17 Jan 2018 19:53

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 719368
Ion Ratio Lower Upper
82 100
128 45.3 36.1 54.1
54 55.4 41.4 62.2

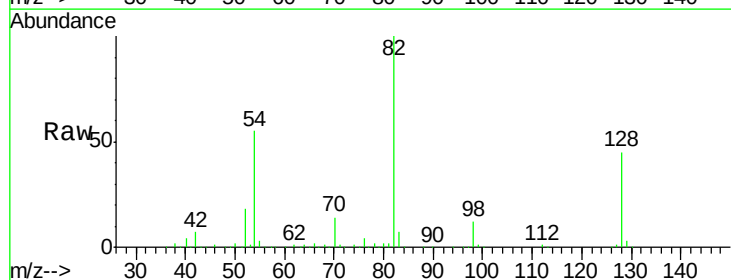


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

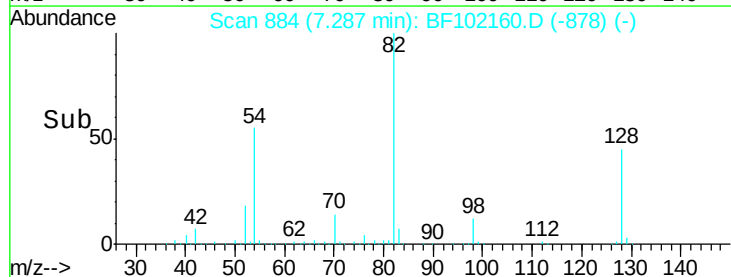
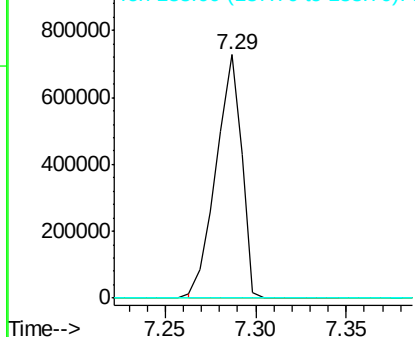


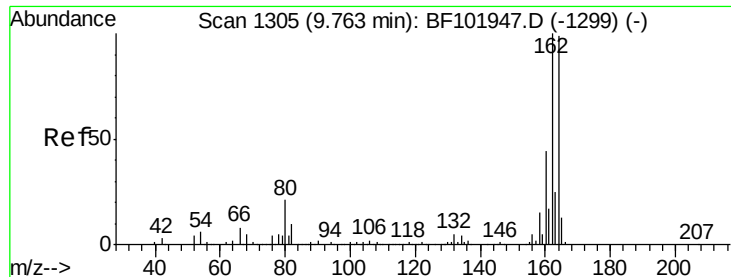
#25
Isophorone
Concen: 34.519 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF102160.D
Acq: 17 Jan 2018 19:53

Tgt Ion: 82 Resp: 711548
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

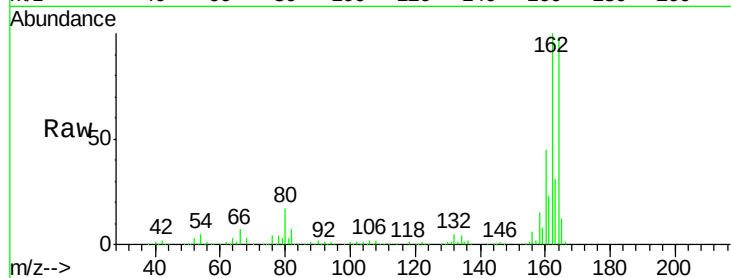




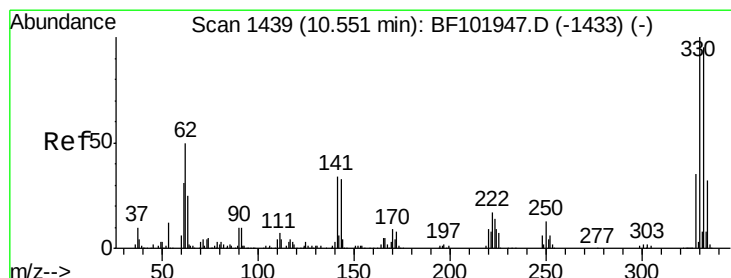
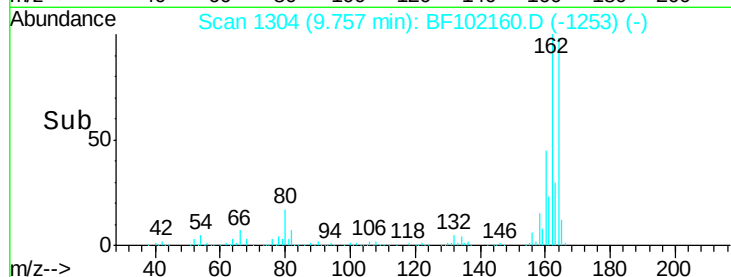
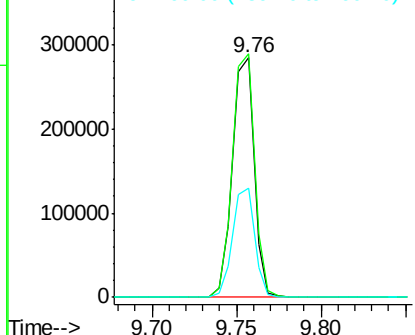
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BF102160.D
 Acq: 17 Jan 2018 19:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 254414
 Ion Ratio Lower Upper
 164 100
 162 101.8 86.1 129.1
 160 45.6 38.3 57.5

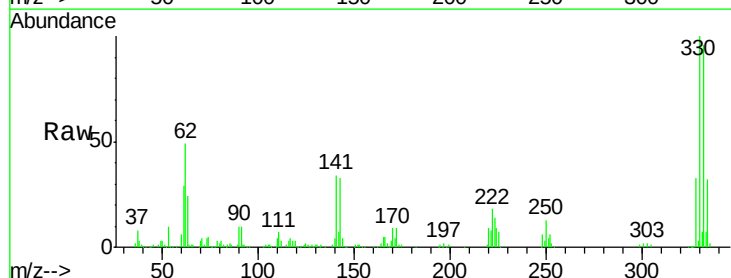


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

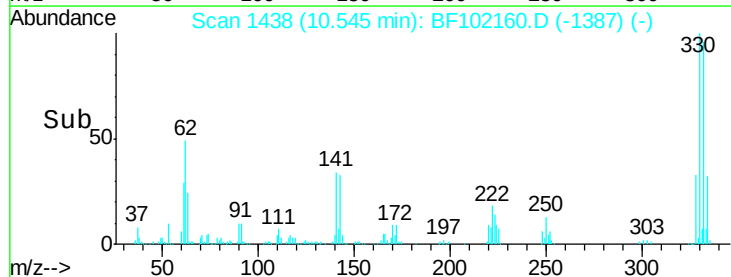
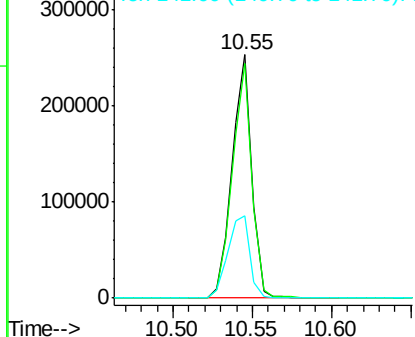


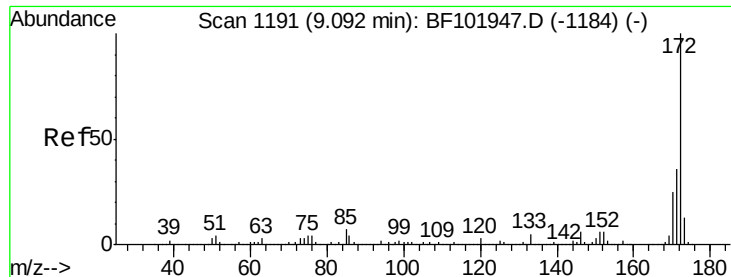
#41
 2,4,6-Tribromophenol
 Concen: 98.611 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF102160.D
 Acq: 17 Jan 2018 19:53

Tgt Ion:330 Resp: 218941
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 38.1 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

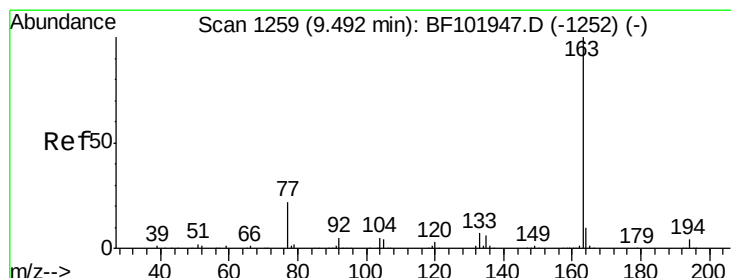
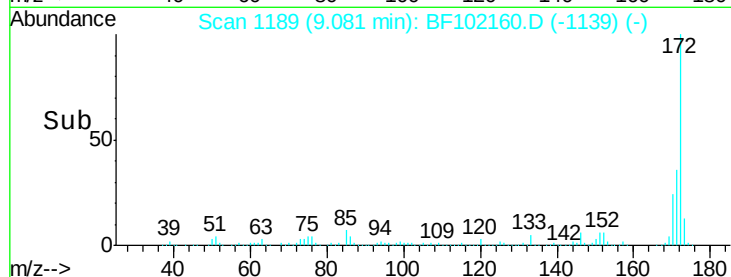
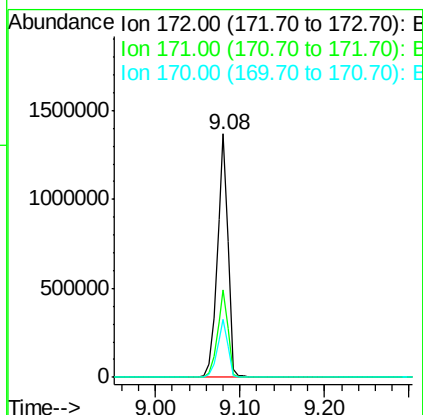
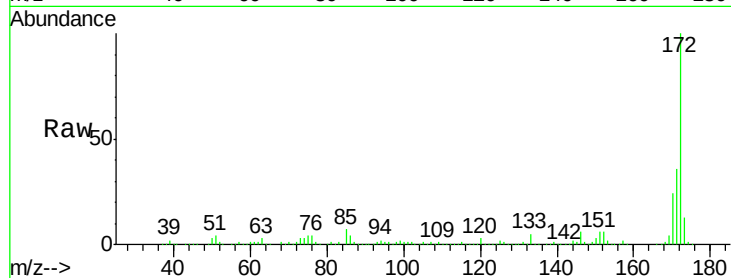




#44
 2-Fluorobiphenyl
 Concen: 76.486 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102160.D
 Acq: 17 Jan 2018 19:53

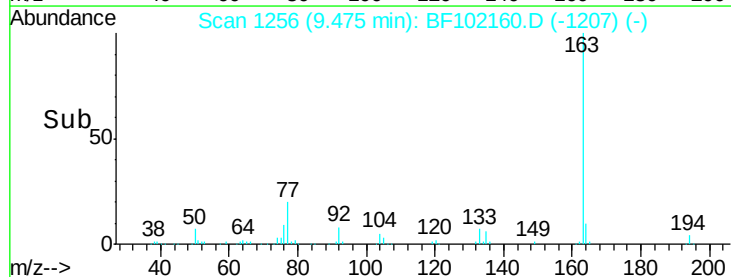
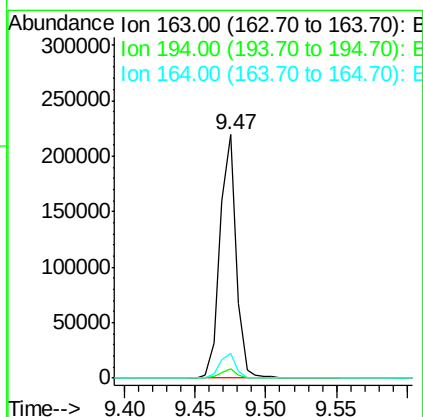
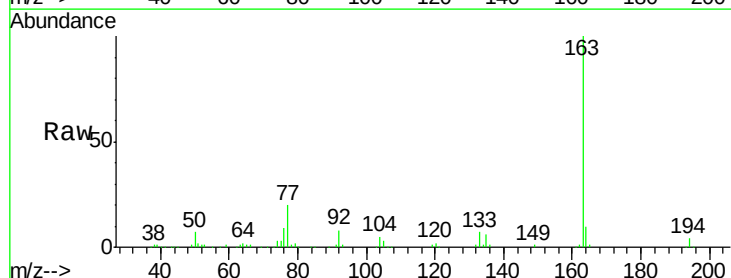
Instrument :
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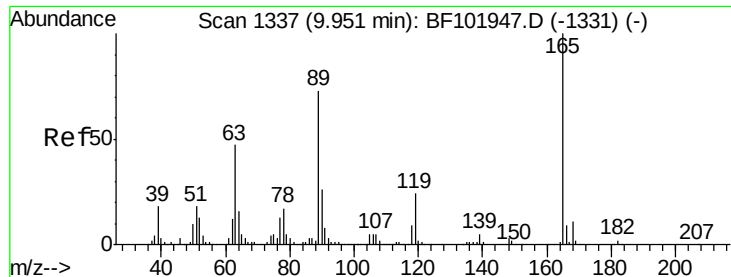
Tot Ion:172 Resp: 1245561
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 23.8 19.6 29.4



#49
 Dimethylphthalate
 Concen: 8.591 ng
 RT: 9.47 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: BF102160.D
 Acq: 17 Jan 2018 19:53

Tgt Ion:163 Resp: 175336
 Ion Ratio Lower Upper
 163 100
 194 4.0 2.7 4.1
 164 10.3 8.2 12.2

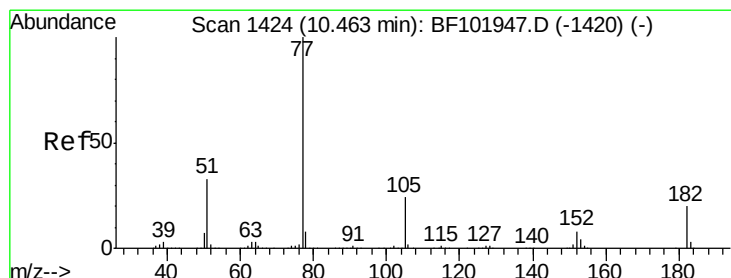
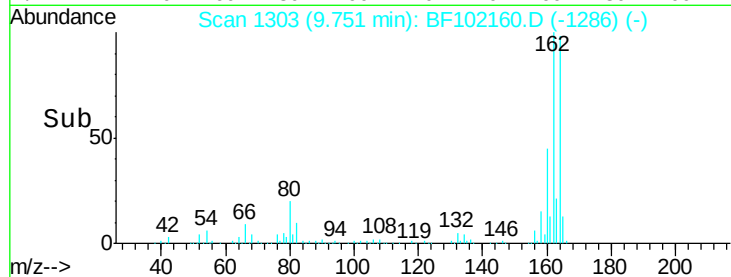
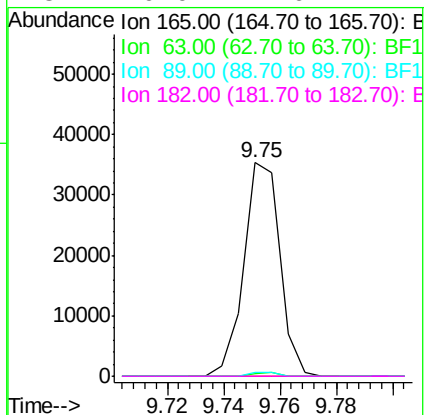
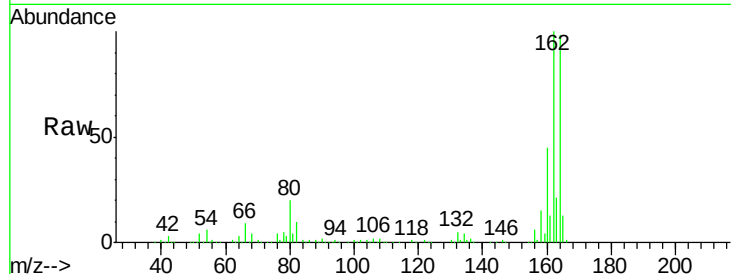




#56
 2,4-Dinitrotoluene
 Concen: 6.129 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.20 min
 Lab File: BF102160.D
 Acq: 17 Jan 2018 19:53

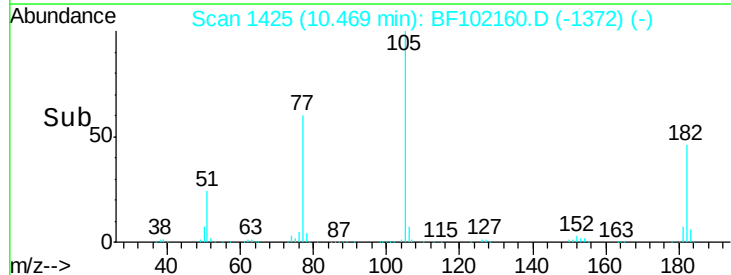
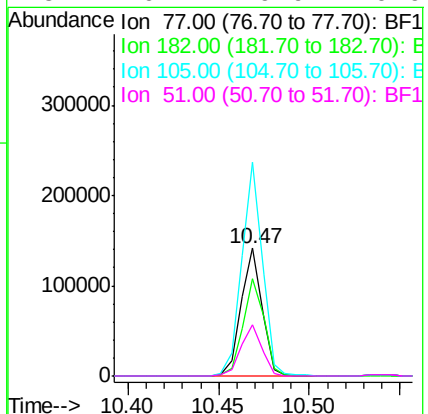
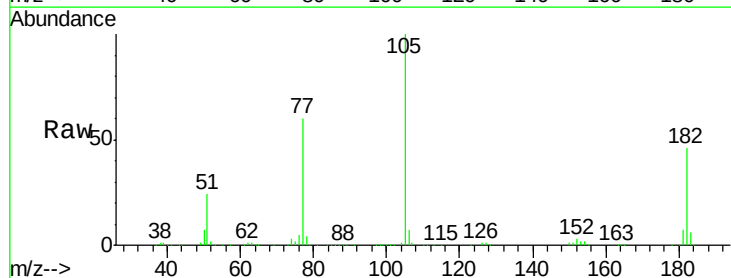
Instrument :
 BNA_F
 ClientSampleId :

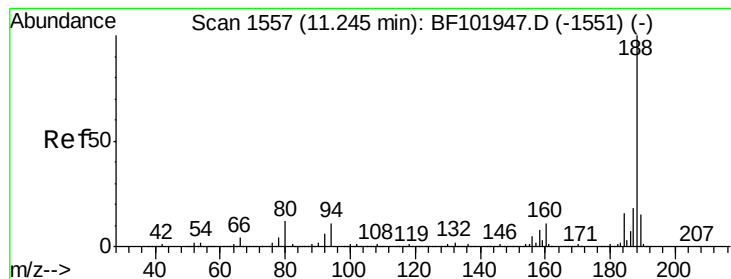
Tot Ion:	165	Resp:	31316
Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#



#62
 Azobenzene
 Concen: 5.620 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.01 min
 Lab File: BF102160.D
 Acq: 17 Jan 2018 19:53

Tgt Ion:	77	Resp:	113519
Ion	Ratio	Lower	Upper
77	100		
182	76.5	1.7	41.7#
105	167.1	3.0	43.0#
51	40.2	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF102160.D

Acq: 17 Jan 2018 19:53

Instrument :

BNA_F

ClientSampled :

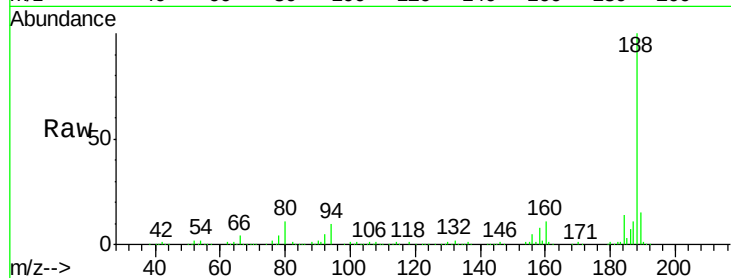
Tot Ion:188 Resp: 371639

Ion Ratio Lower Upper

188 100

94 9.9 8.5 12.7

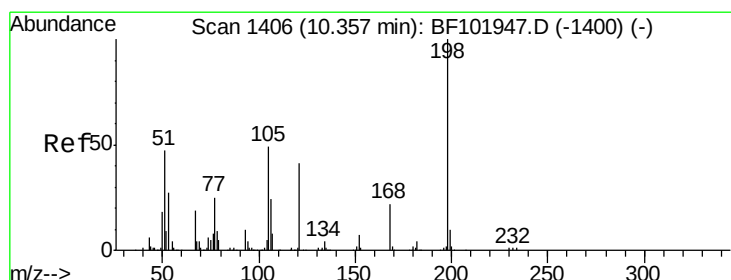
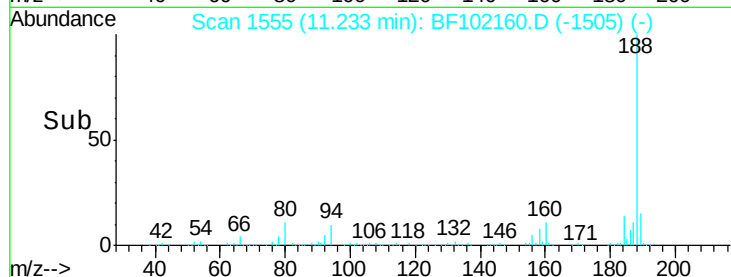
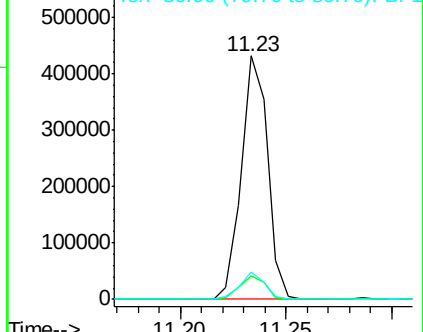
80 11.2 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 5.848 ng

RT: 10.55 min Scan# 1438

Delta R.T. 0.18 min

Lab File: BF102160.D

Acq: 17 Jan 2018 19:53

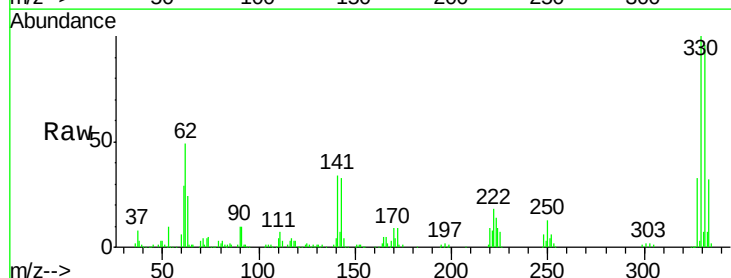
Tgt Ion:198 Resp: 426

Ion Ratio Lower Upper

198 100

51 187.2 37.7 77.7#

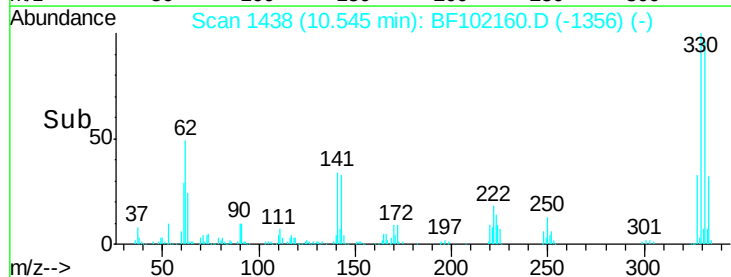
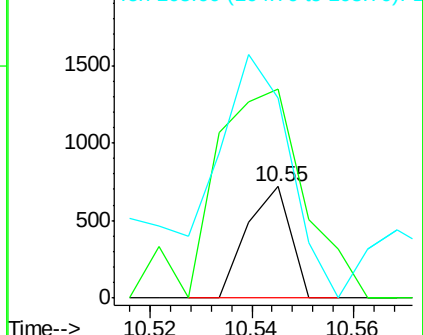
105 179.1 36.3 76.3#

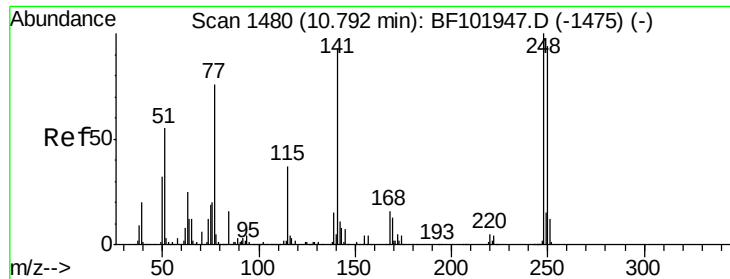


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

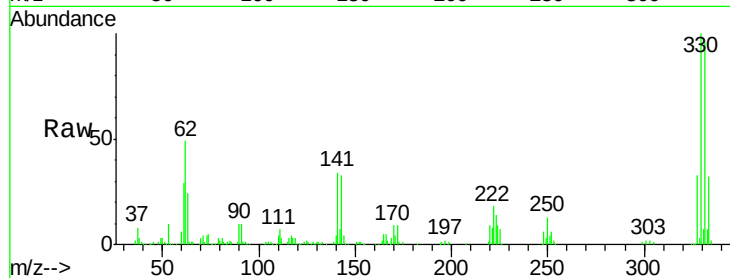




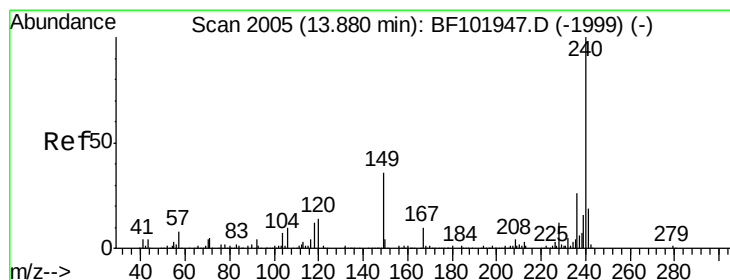
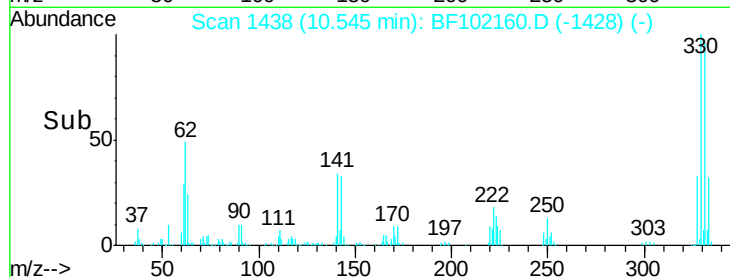
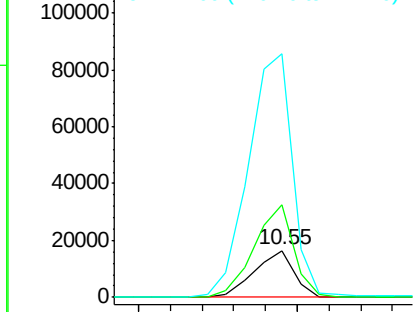
#66
4-Bromophenyl-phenylether
Concen: 3.641 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF102160.D
Acq: 17 Jan 2018 19:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 14290
Ion Ratio Lower Upper
248 100
250 197.2 76.9 115.3#
141 520.9 74.4 111.6#

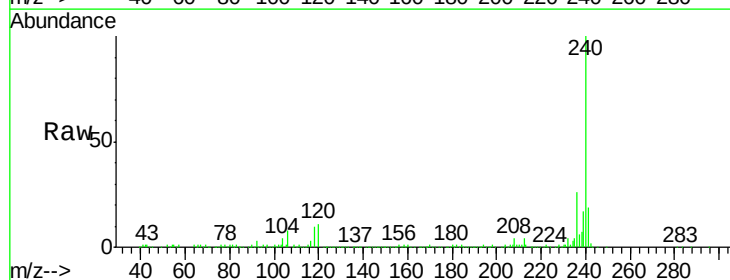


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

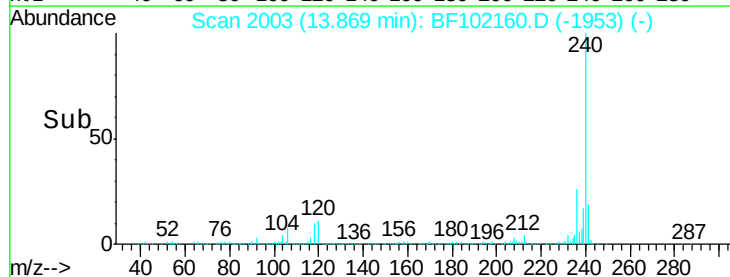
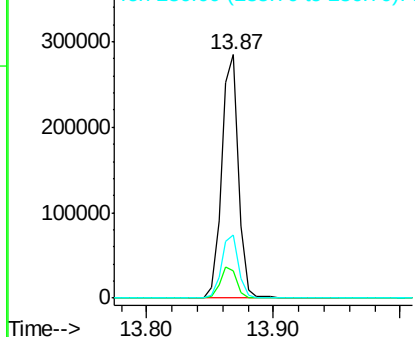


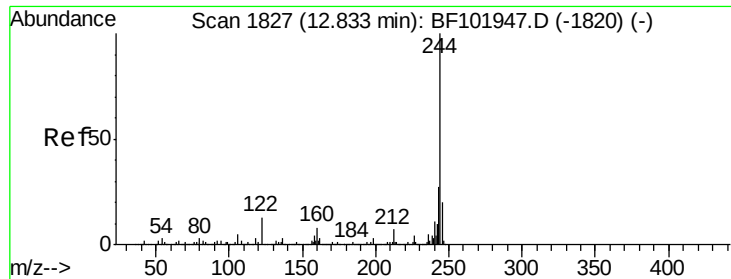
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF102160.D
Acq: 17 Jan 2018 19:53

Tgt Ion:240 Resp: 262502
Ion Ratio Lower Upper
240 100
120 11.0 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

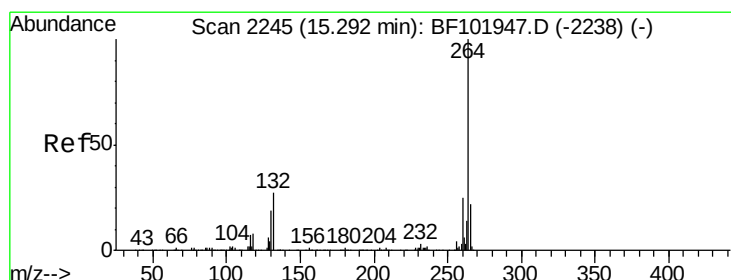
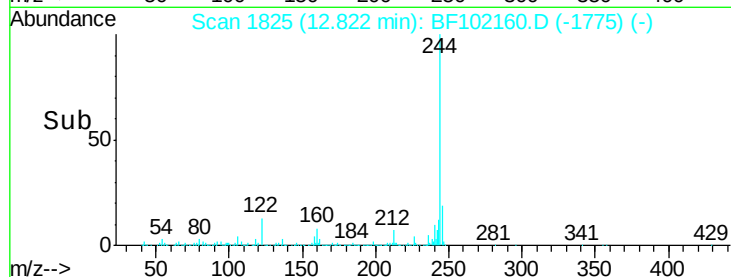
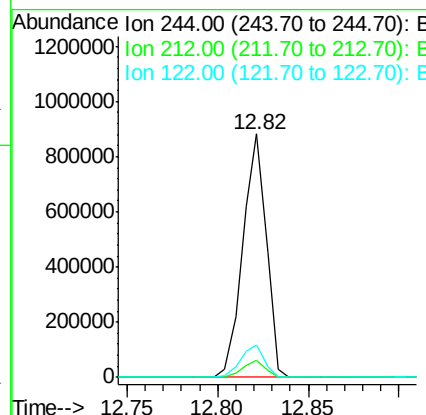
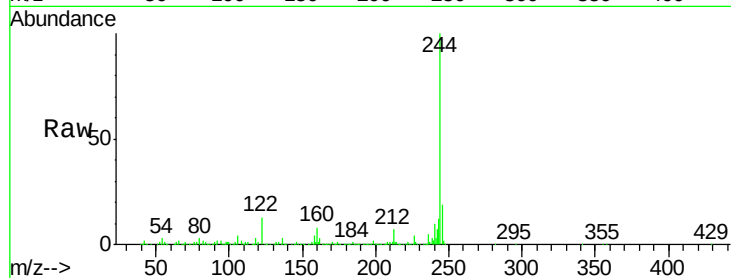




#78
 Terphenyl-d14
 Concen: 62.596 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF102160.D
 Acq: 17 Jan 2018 19:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 791400
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 13.1 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2244
 Delta R.T. 0.00 min
 Lab File: BF102160.D
 Acq: 17 Jan 2018 19:53

Tgt Ion:264 Resp: 273741
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.8 17.5 26.3

