

Data Path : U:\HPCHEM1\BNA F\DATA\BF011118\
 Data File : BF102025.D
 Acq On : 11 Jan 2018 18:19
 Operator : SJ/JU
 Sample : J1013-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-010918

Quant Time: Jan 11 23:42:09 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	180816	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	697081	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	264581	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	368134	20.00	ng	0.00
75) Chrysene-d12	13.87	240	320171	20.00	ng	0.00
86) Perylene-d12	15.29	264	355089	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.34	112	1356488	105.93	ng	0.01
7) Phenol-d6	6.36	99	1569874	102.76	ng	0.00
23) Nitrobenzene-d5	7.29	82	988357	83.32	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	235701	102.08	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1474125	87.04	ng	0.00
78) Terphenyl-d14	12.83	244	952321	61.76	ng	0.00

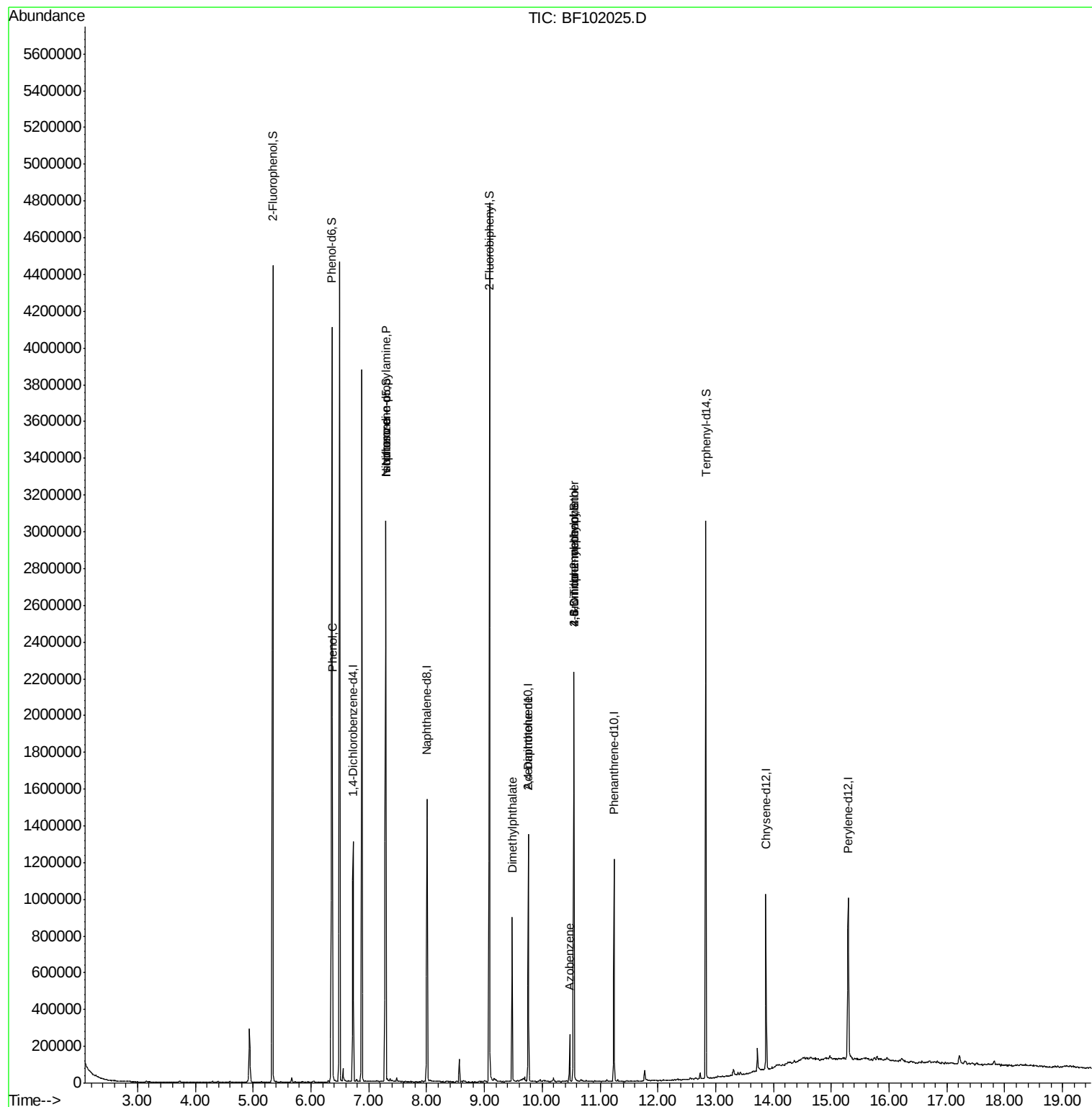
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.37	94	87465	5.066	ng	94
19) n-Nitroso-di-n-propylamine	7.29	70	130756	13.060	ng	# 82
25) Isophorone	7.29	82	988336	42.166	ng	# 64
49) Dimethylphthalate	9.48	163	305422	14.390	ng	99
56) 2,4-Dinitrotoluene	9.76	165	33372	6.280	ng	# 24
62) Azobenzene	10.47	77	43774	2.084	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.55	198	388	5.833	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	15232	3.918	ng	# 1

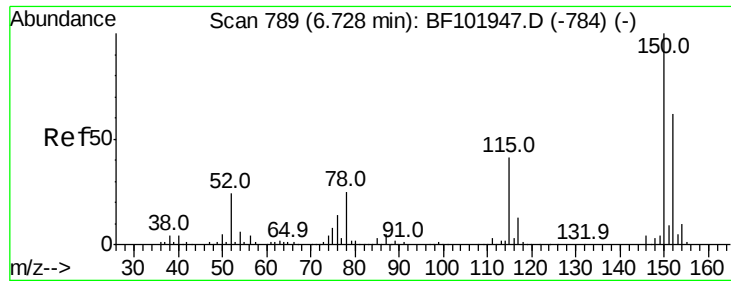
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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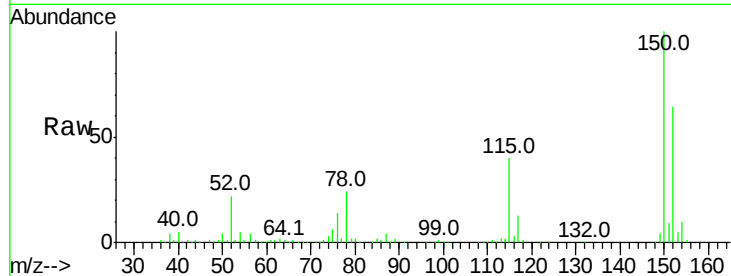


#1

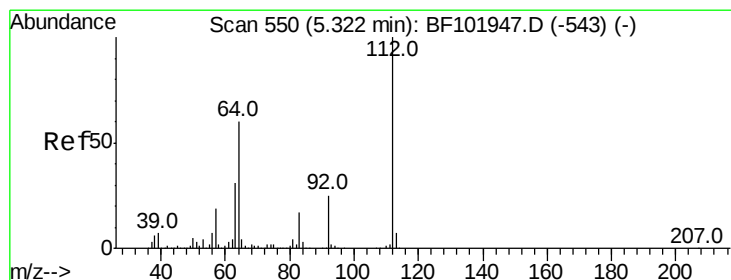
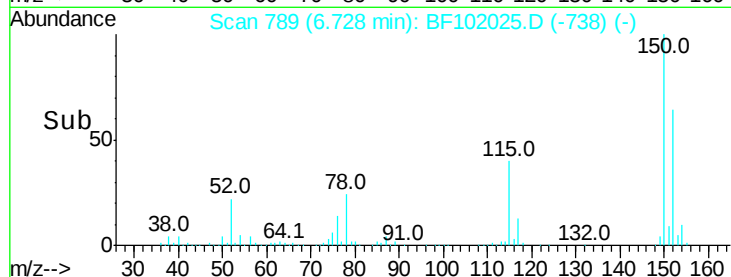
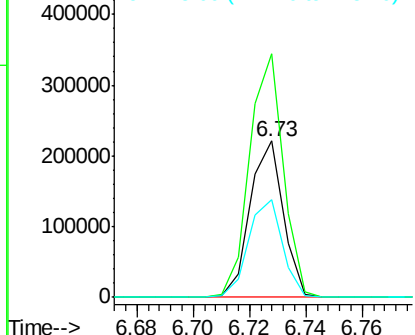
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF102025.D
Acq: 11 Jan 2018 18:19

Instrument :
BNA_F
ClientSampleId :
NB-08-010918

Tot Ion:152 Resp: 180816
Ion Ratio Lower Upper
152 100
150 155.8 124.6 186.8
115 62.2 50.1 75.1



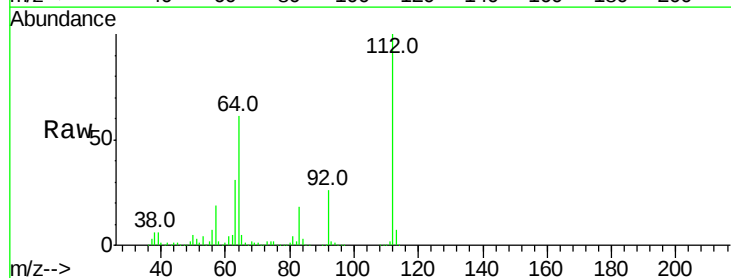
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



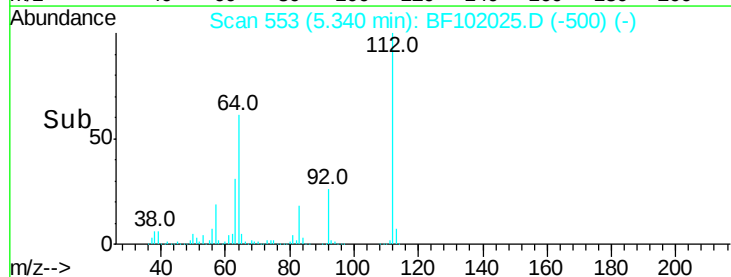
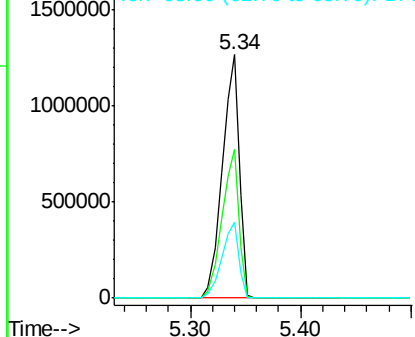
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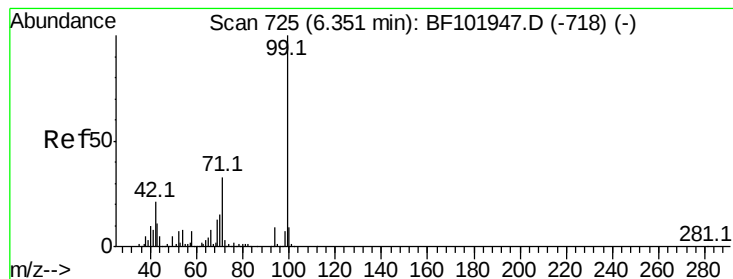
2-Fluorophenol
Concen: 105.935 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF102025.D
Acq: 11 Jan 2018 18:19

Tgt Ion:112 Resp: 1356488
Ion Ratio Lower Upper
112 100
64 60.9 47.9 71.9
63 31.2 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: 102.757 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF102025.D

Acq: 11 Jan 2018 18:19

Instrument :

BNA_F

ClientSampleId :

NB-08-010918

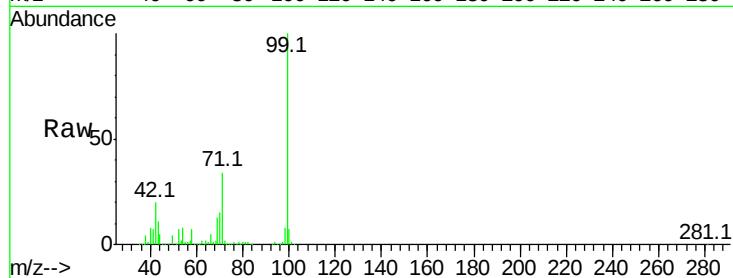
Tot Ion: 99 Resp: 1569874

Ion Ratio Lower Upper

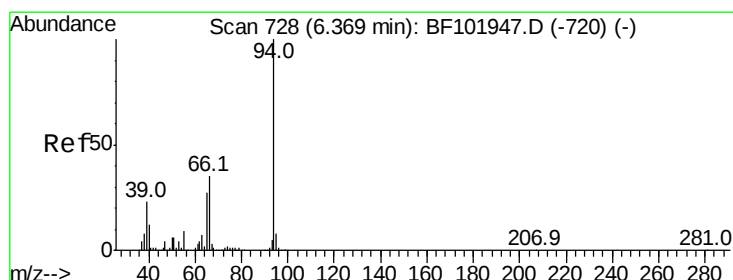
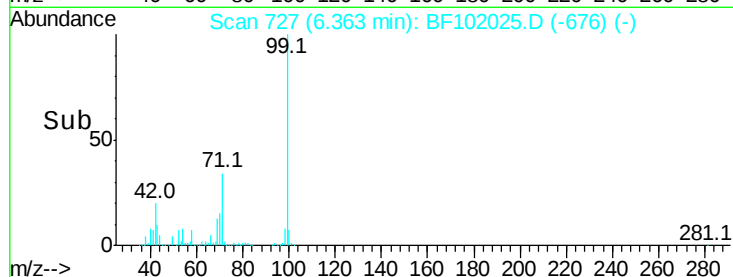
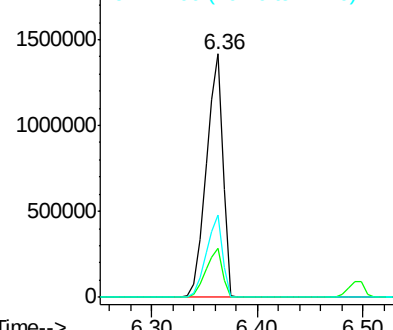
99 100

42 20.4 14.5 21.7

71 33.7 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: 5.066 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF102025.D

Acq: 11 Jan 2018 18:19

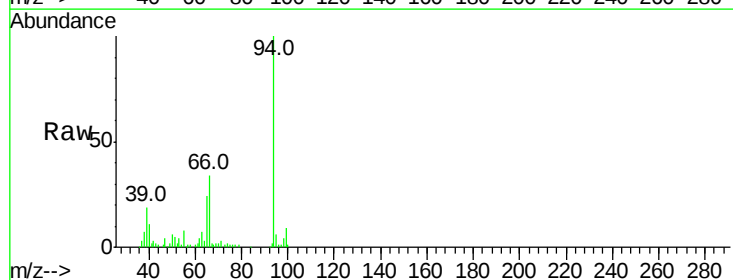
Tgt Ion: 94 Resp: 87465

Ion Ratio Lower Upper

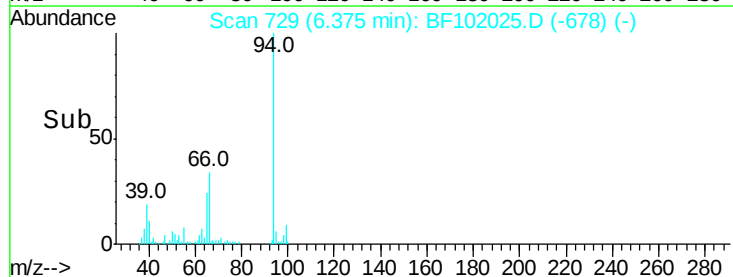
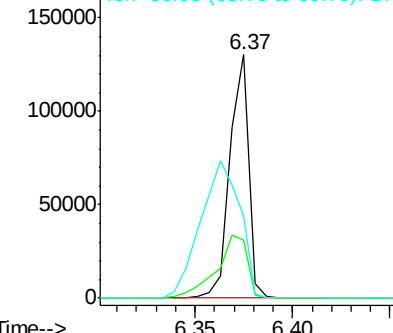
94 100

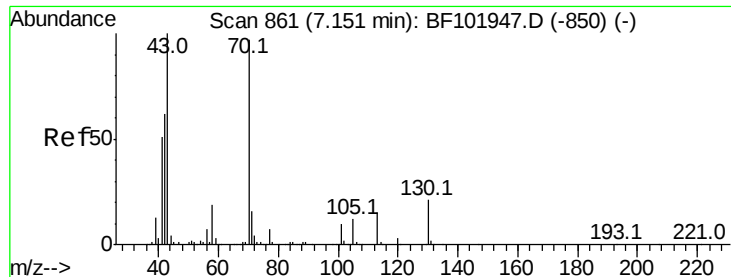
65 23.9 7.9 47.9

66 33.7 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

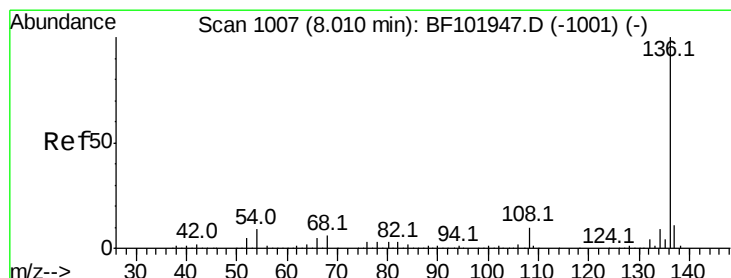
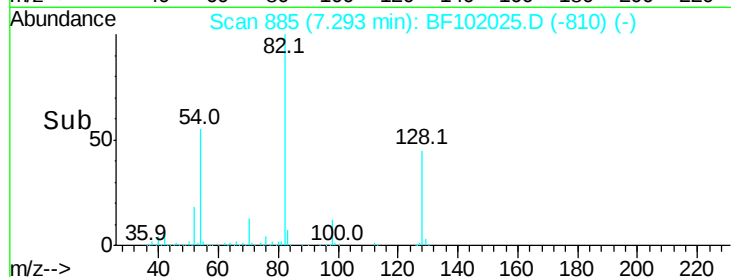
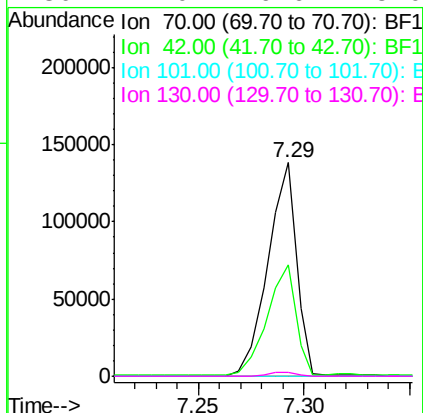
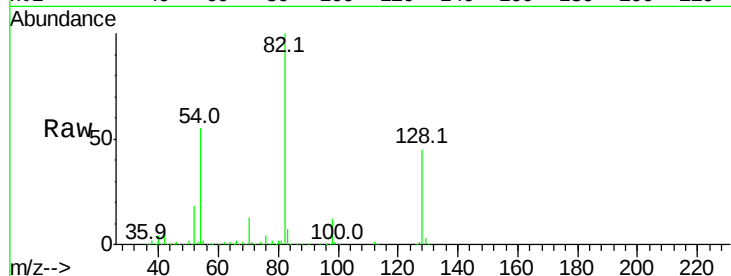




#19
n-Nitroso-di-n-propylamine
Concen: 13.060 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.14 min
Lab File: BF102025.D
Acq: 11 Jan 2018 18:19

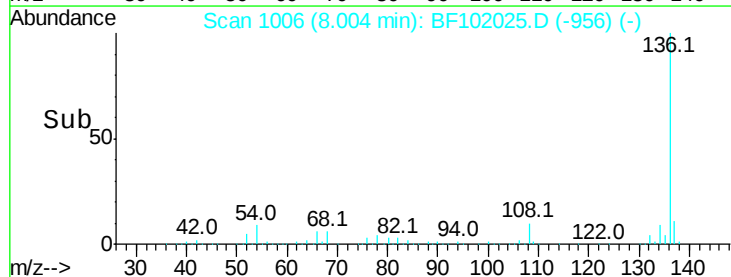
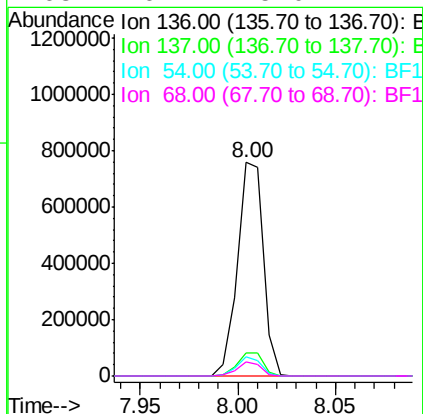
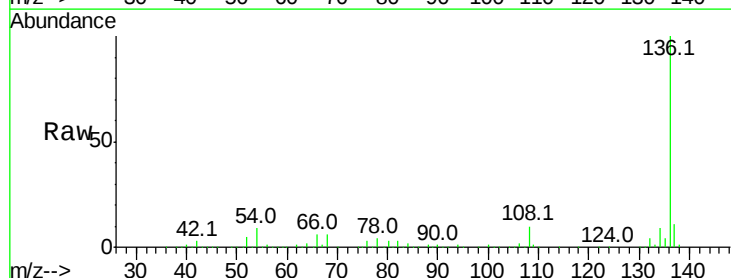
Instrument :
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ClientSampleId :
NB-08-010918

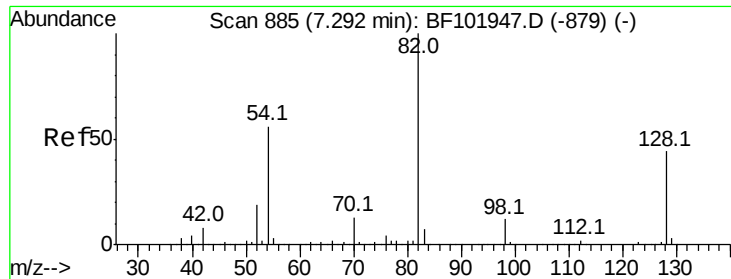
Tot Ion: 70 Resp: 130756
Ion Ratio Lower Upper
70 100
42 52.3 47.5 71.3
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102025.D
Acq: 11 Jan 2018 18:19

Tgt Ion: 136 Resp: 697081
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 9.0 6.6 9.8
68 6.4 5.0 7.4

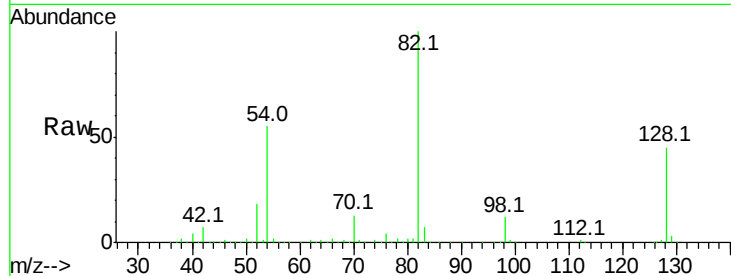




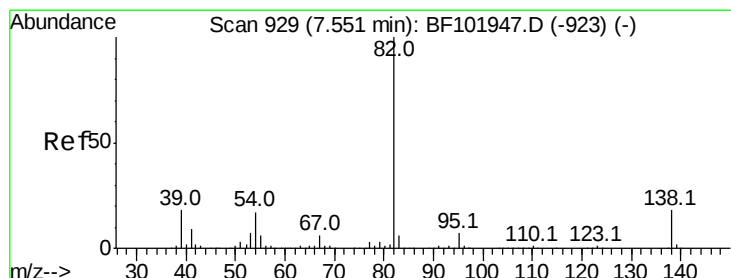
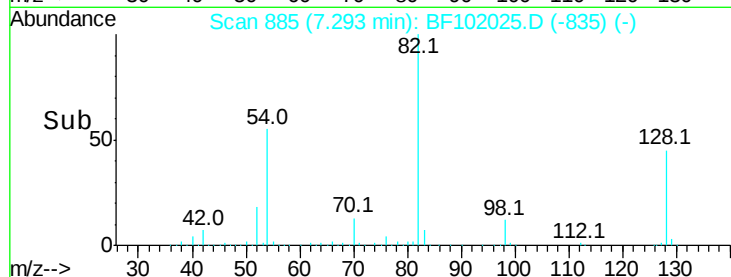
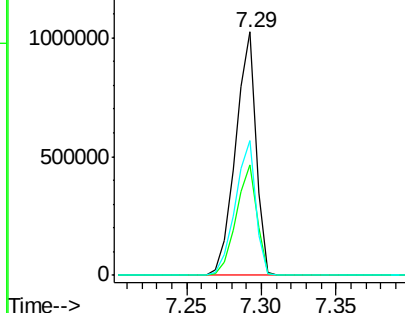
#23
Nitrobenzene-d5
Concen: 83.319 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF102025.D
Acq: 11 Jan 2018 18:19

Instrument :
BNA_F
ClientSampleId :
NB-08-010918

Tot Ion	82	Resp	988357
Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.1	54.1
54	55.2	41.4	62.2

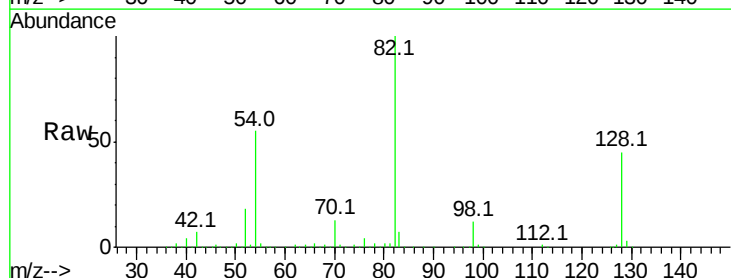


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

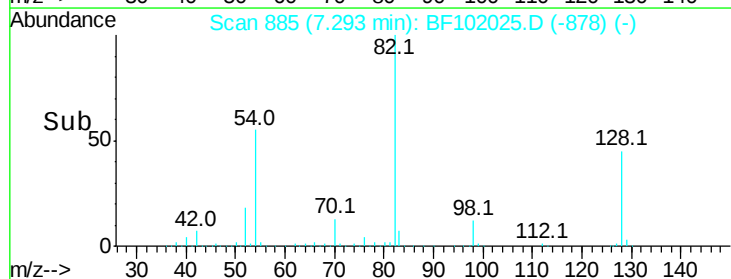
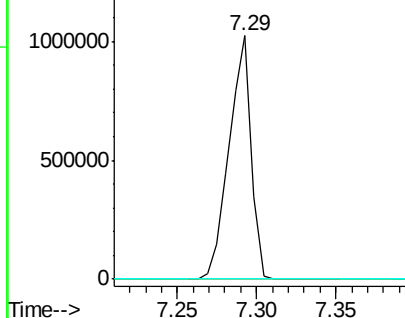


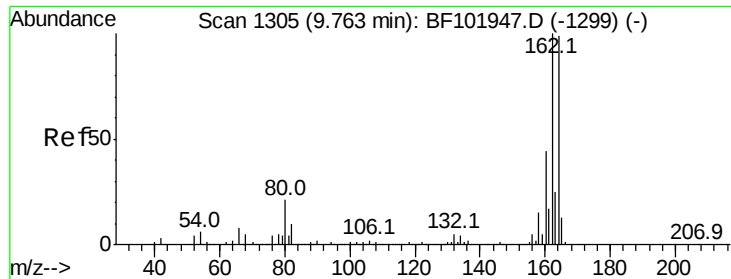
#25
Isophorone
Concen: 42.166 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.26 min
Lab File: BF102025.D
Acq: 11 Jan 2018 18:19

Tgt Ion	82	Resp	988336
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

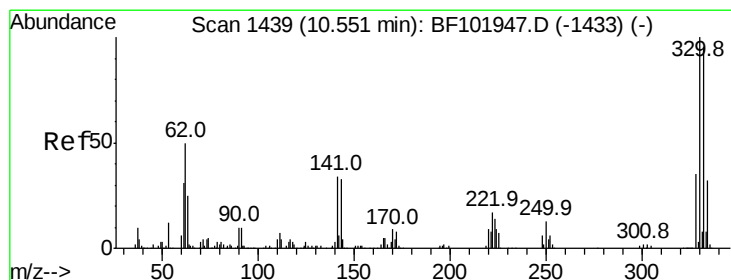
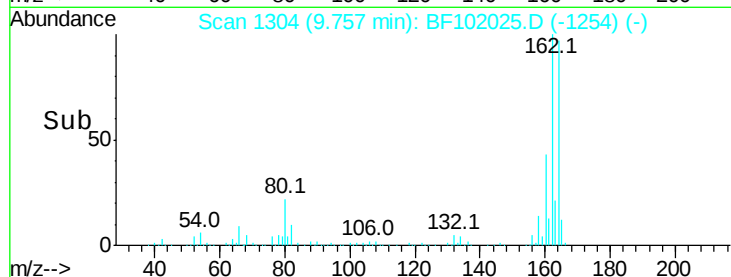
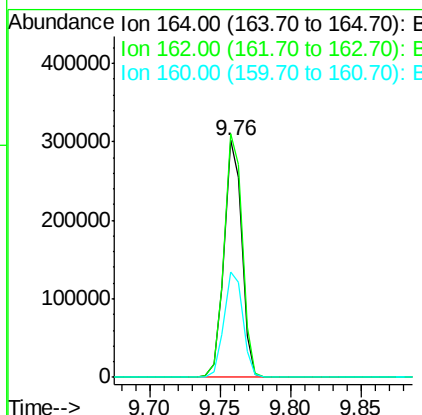
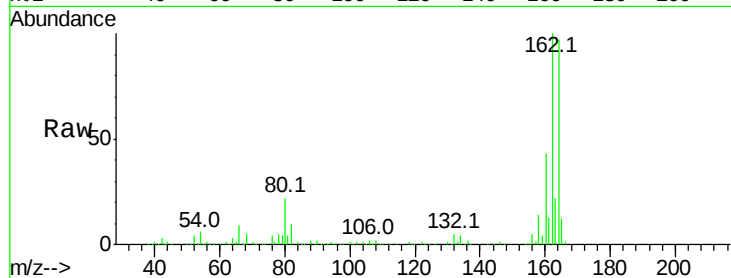




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF102025.D
 Acq: 11 Jan 2018 18:19

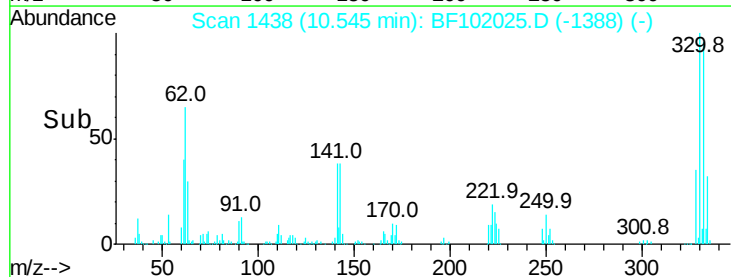
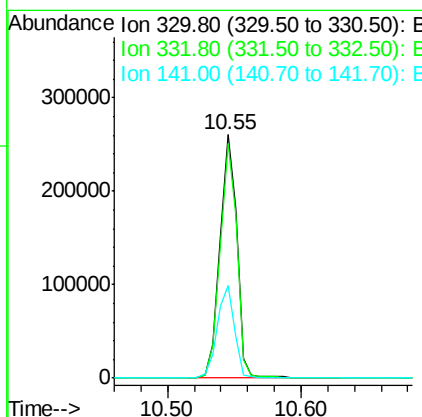
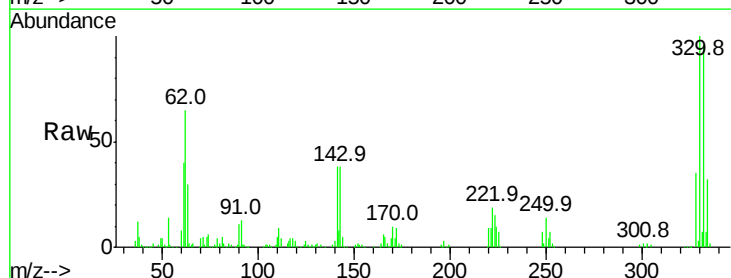
Instrument :
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 ClientSampleId :
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Tot Ion:164 Resp: 264581
 Ion Ratio Lower Upper
 164 100
 162 102.7 86.1 129.1
 160 44.4 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 102.081 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF102025.D
 Acq: 11 Jan 2018 18:19

Tgt Ion:330 Resp: 235701
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 38.6 29.9 44.9



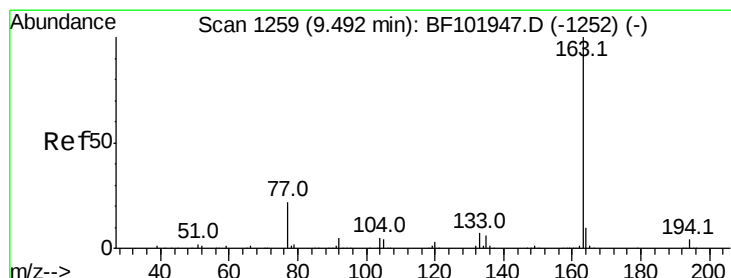
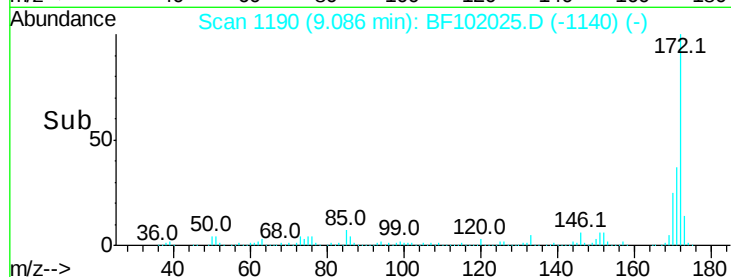
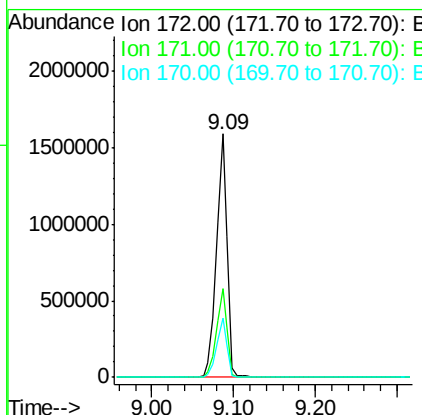
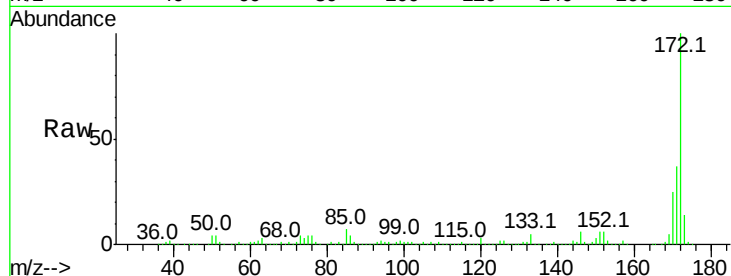


#44
 2-Fluorobiphenyl
 Concen: 87.043 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF102025.D
 Acq: 11 Jan 2018 18:19

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-010918

Tot Ion:172 Resp: 1474125

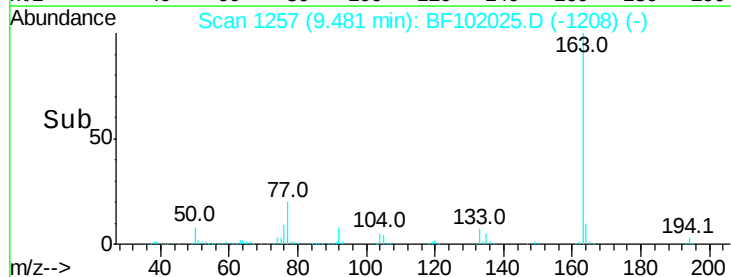
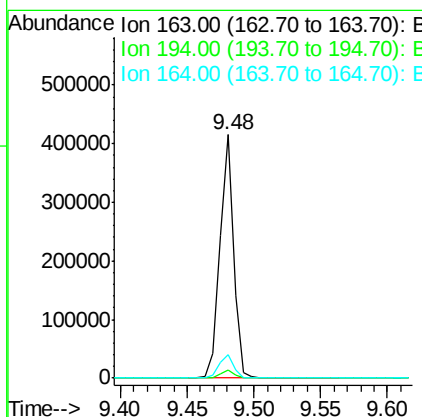
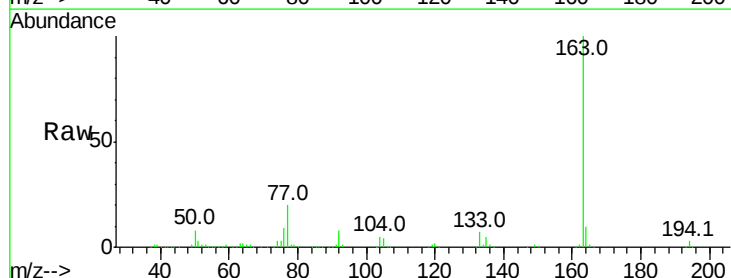
Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.5	19.6	29.4

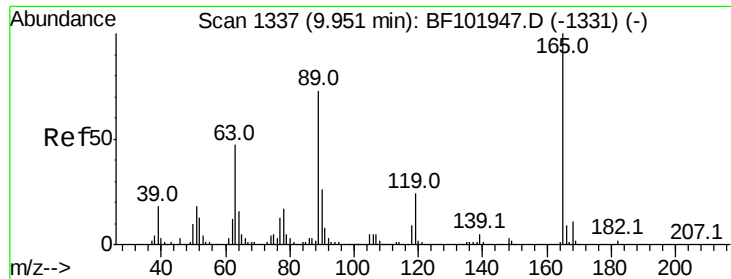


#49
 Dimethylphthalate
 Concen: 14.390 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BF102025.D
 Acq: 11 Jan 2018 18:19

Tgt Ion:163 Resp: 305422

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	9.8	8.2	12.2

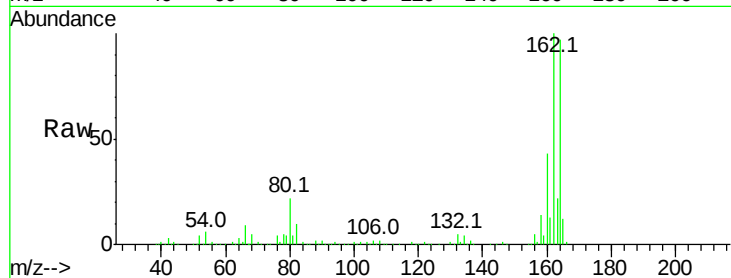




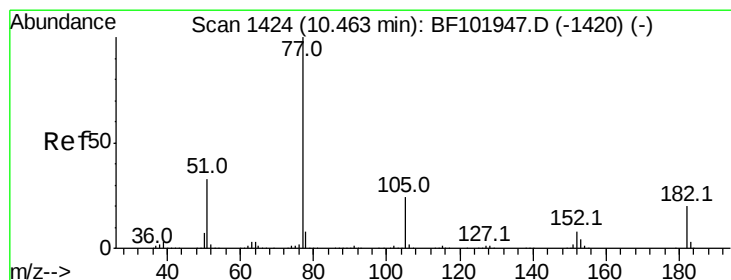
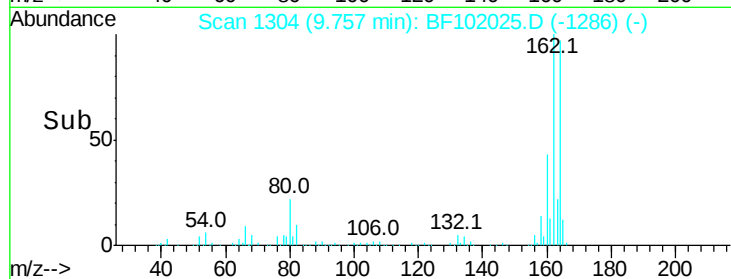
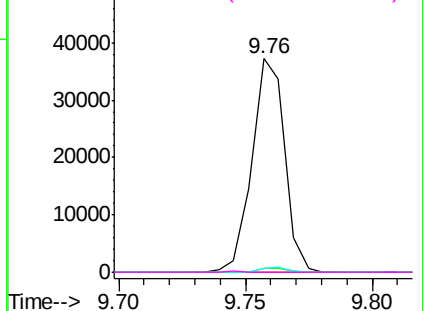
#56
 2,4-Dinitrotoluene
 Concen: 6.280 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.19 min
 Lab File: BF102025.D
 Acq: 11 Jan 2018 18:19

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-010918

Tot Ion:165 Resp: 33372
 Ion Ratio Lower Upper
 165 100
 63 1.7 36.4 54.6#
 89 1.8 57.8 86.6#
 182 0.0 1.6 2.4#

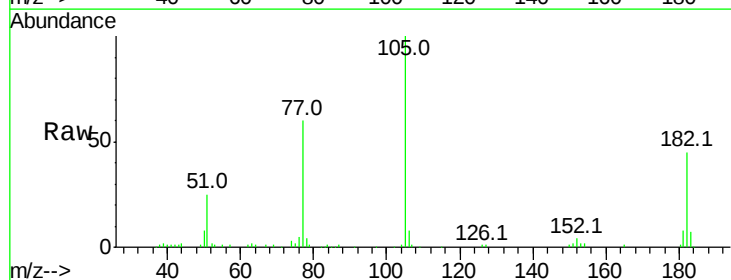


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

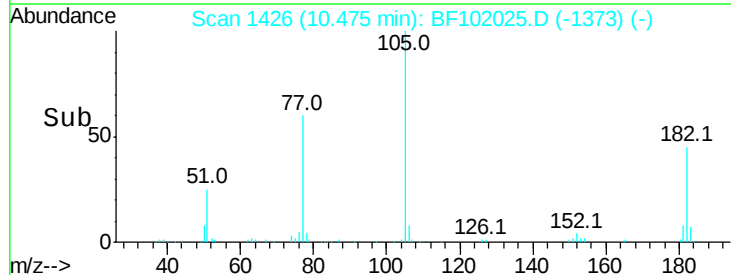
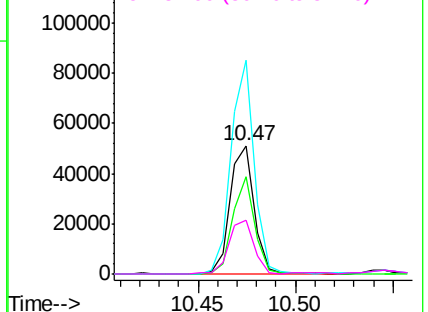


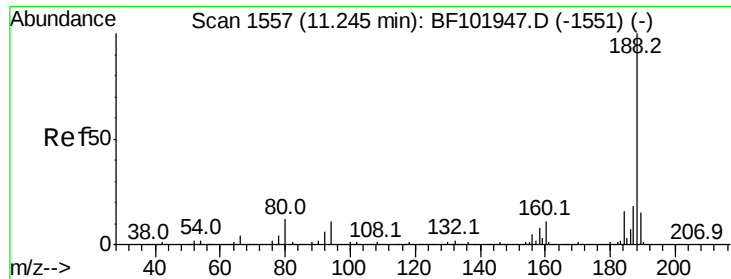
#62
 Azobenzene
 Concen: 2.084 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.01 min
 Lab File: BF102025.D
 Acq: 11 Jan 2018 18:19

Tgt Ion: 77 Resp: 43774
 Ion Ratio Lower Upper
 77 100
 182 75.6 1.7 41.7#
 105 166.5 3.0 43.0#
 51 41.9 9.9 49.9



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 182.00 (181.70 to 182.70): E
 Ion 105.00 (104.70 to 105.70): E
 Ion 51.00 (50.70 to 51.70): BF1

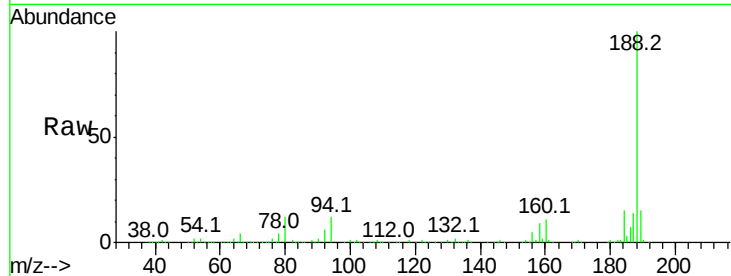




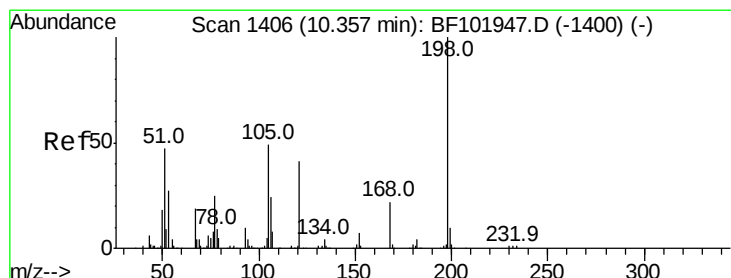
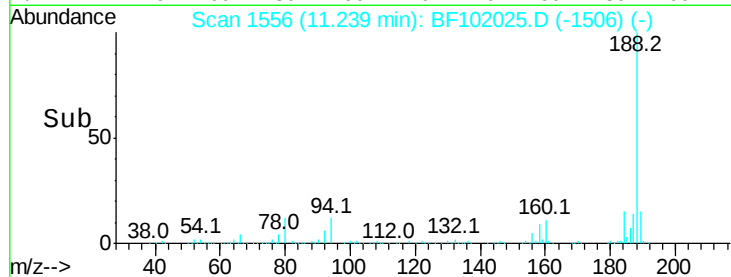
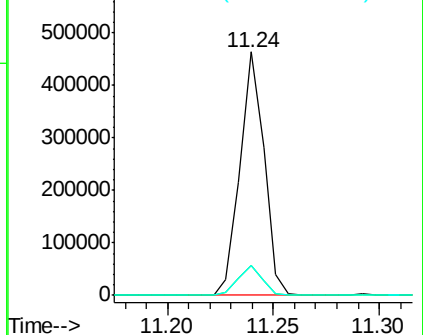
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF102025.D
Acq: 11 Jan 2018 18:19

Instrument :
BNA_F
ClientSampleId :
NB-08-010918

Tot Ion:188 Resp: 368134
Ion Ratio Lower Upper
188 100
94 12.0 8.5 12.7
80 12.0 9.2 13.8

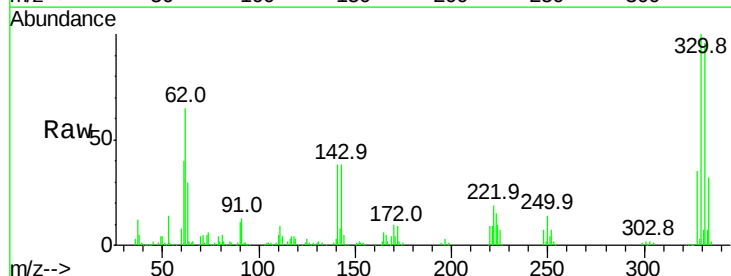


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

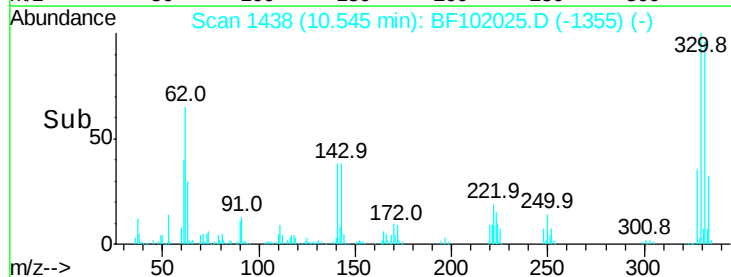
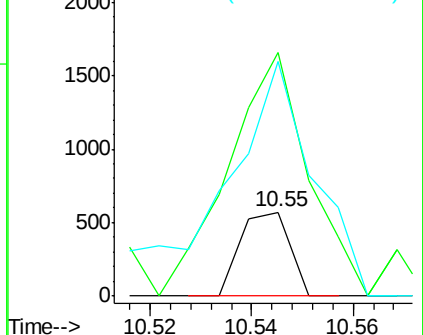


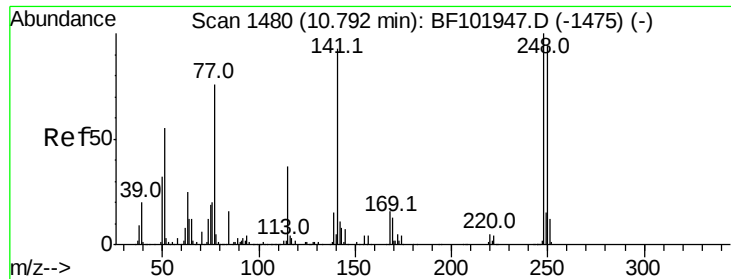
#64
4,6-Dinitro-2-methylphenol
Concen: 5.833 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.19 min
Lab File: BF102025.D
Acq: 11 Jan 2018 18:19

Tgt Ion:198 Resp: 388
Ion Ratio Lower Upper
198 100
51 290.7 37.7 77.7#
105 280.2 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

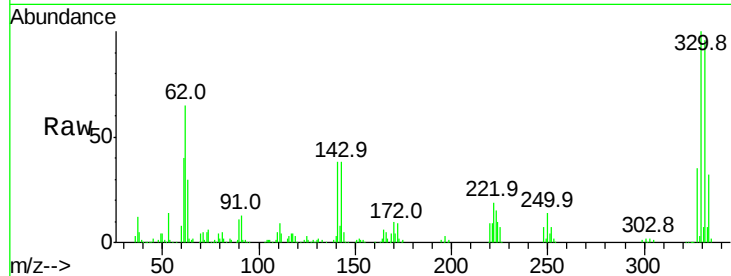




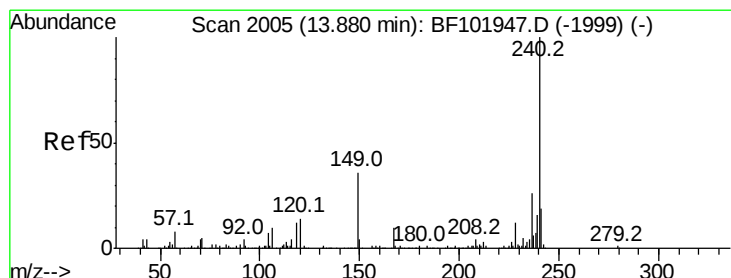
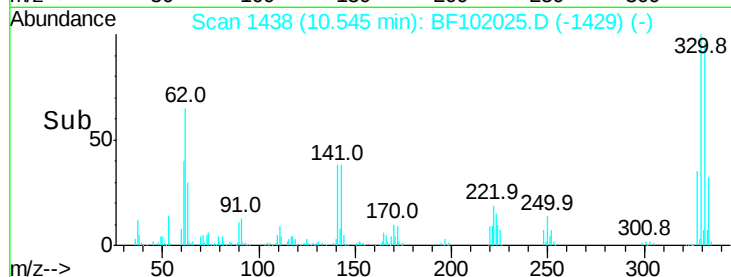
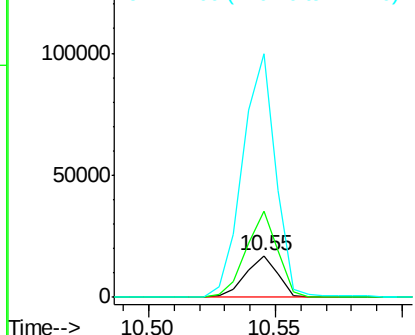
#66
4-Bromophenyl-phenylether
Concen: 3.918 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF102025.D
Acq: 11 Jan 2018 18:19

Instrument :
BNA_F
ClientSampleId :
NB-08-010918

Tot Ion:248 Resp: 15232
Ion Ratio Lower Upper
248 100
250 207.4 76.9 115.3#
141 582.4 74.4 111.6#

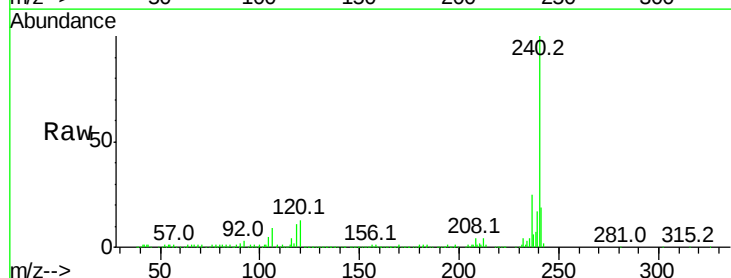


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

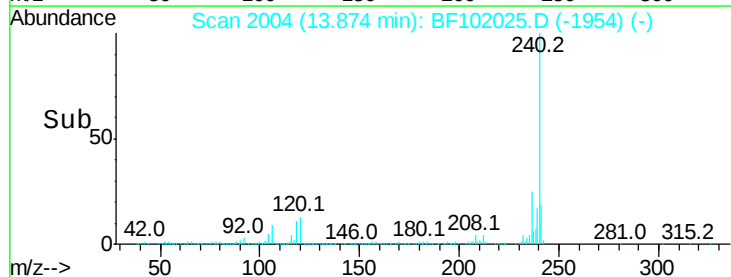
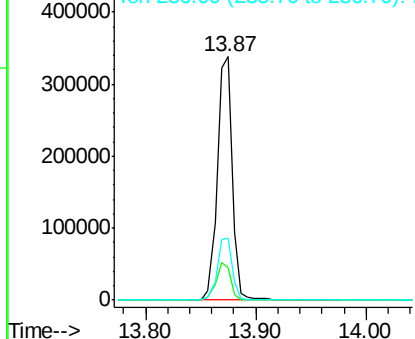


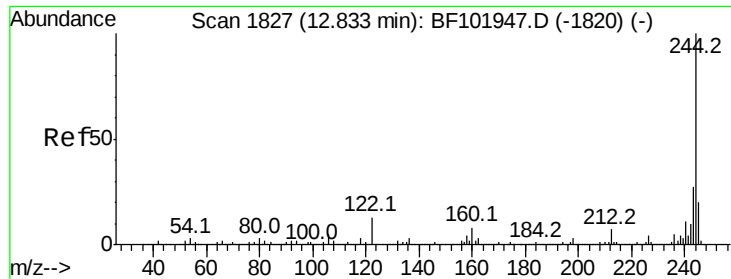
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF102025.D
Acq: 11 Jan 2018 18:19

Tgt Ion:240 Resp: 320171
Ion Ratio Lower Upper
240 100
120 13.4 9.5 14.3
236 25.4 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

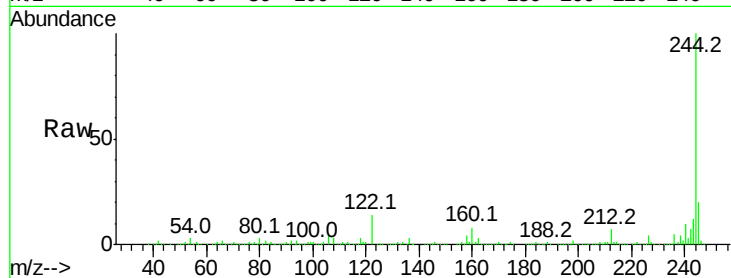




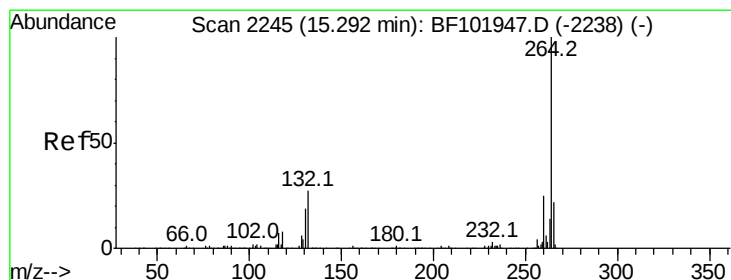
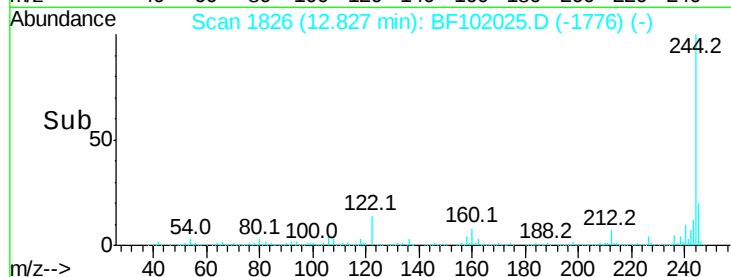
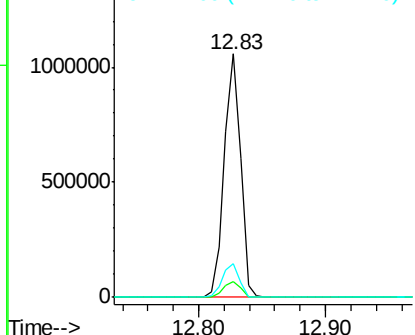
#78
 Terphenyl-d14
 Concen: 61.757 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF102025.D
 Acq: 11 Jan 2018 18:19

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-010918

Tot Ion:244 Resp: 952321
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 14.0 11.0 16.4

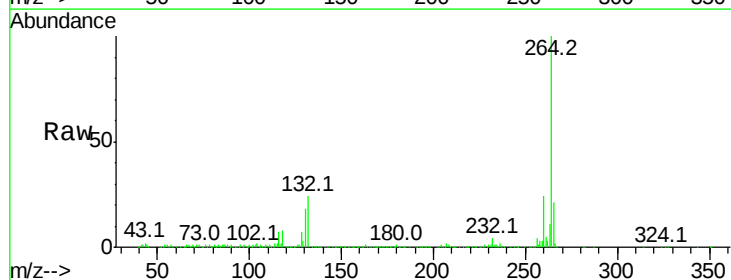


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2245
 Delta R.T. 0.00 min
 Lab File: BF102025.D
 Acq: 11 Jan 2018 18:19

Tgt Ion:264 Resp: 355089
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 20.6 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

