

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020321\
 Data File : BF123102.D
 Acq On : 3 Feb 2021 14:07
 Operator : JU/CG
 Sample : M1292-17
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2021-01-28-FD04

Quant Time: Feb 03 15:24:35 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:29:00 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

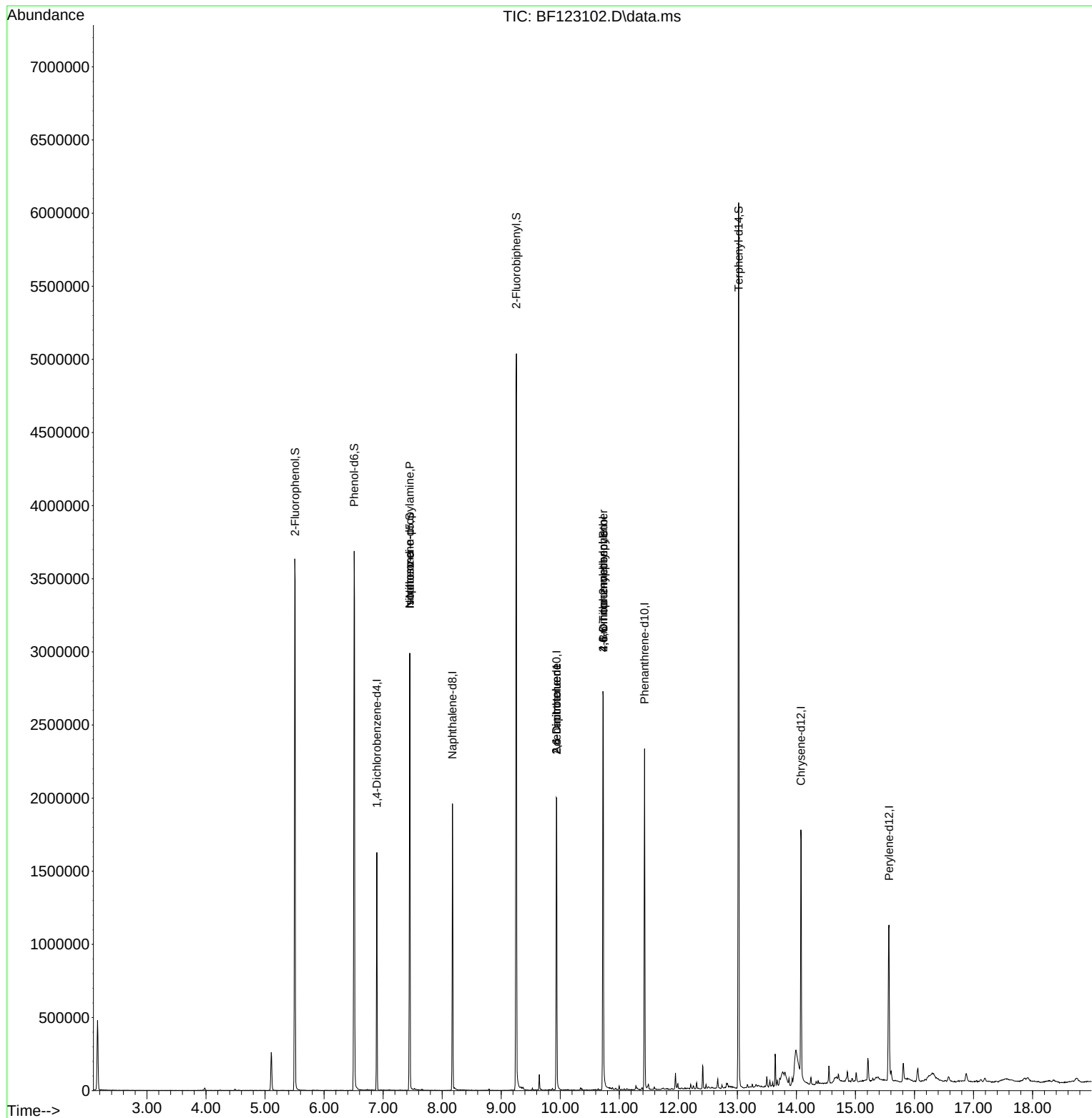
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	212111	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	823900	20.00	ng	# 0.00
39) Acenaphthene-d10	9.939	164	448827	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	798368	20.00	ng	0.00
76) Chrysene-d12	14.074	240	608971	20.00	ng	-0.01
86) Perylene-d12	15.568	264	514002	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1077127	78.33	ng	0.00
7) Phenol-d6	6.510	99	1400993	75.17	ng	0.00
23) Nitrobenzene-d5	7.451	82	888147	54.25	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	368542	75.64	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1663703	55.10	ng	0.00
79) Terphenyl-d14	13.021	244	1894490	61.12	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	118369	10.56	ng	# 79
25) Isophorone	7.451	82	888128	29.62	ng	# 65
51) 2,6-Dinitrotoluene	9.939	165	57239	7.63	ng	# 31
57) 2,4-Dinitrotoluene	9.939	165	57240	5.87	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.727	198	732	5.12	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	24083	2.37	ng	# 1

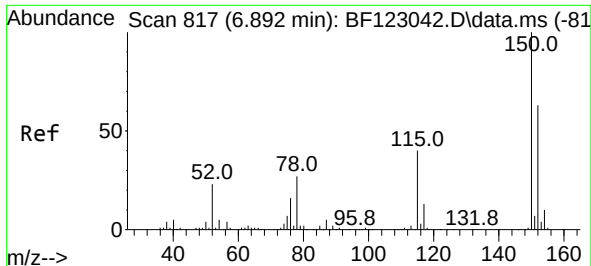
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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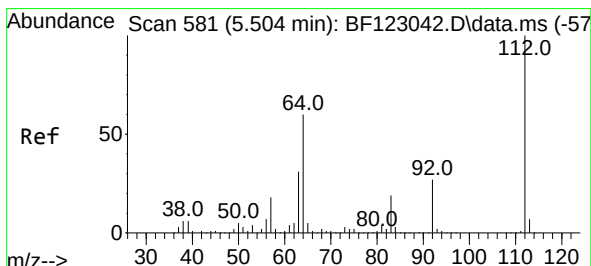
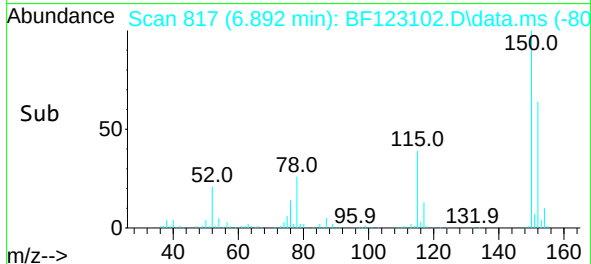
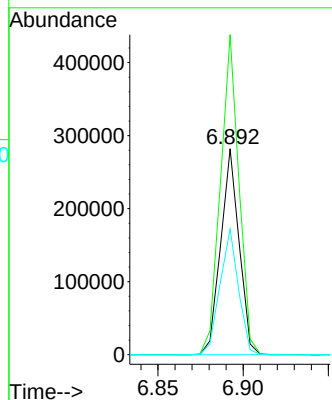
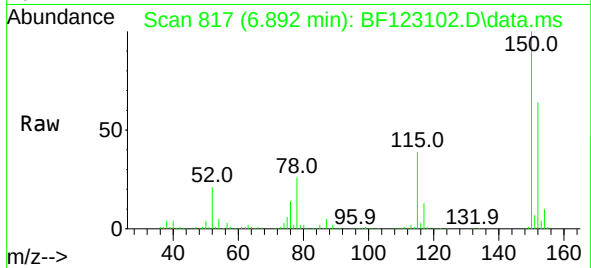




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF123102.D
Acq: 3 Feb 2021 14:07

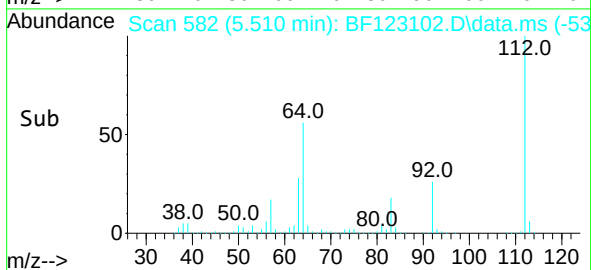
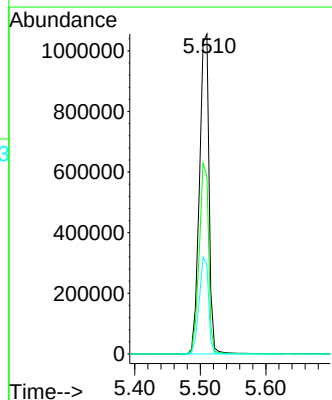
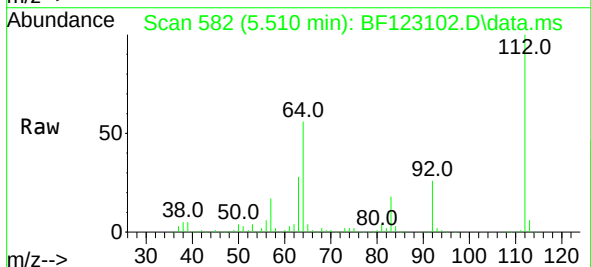
Instrument :
BNA_F
ClientSampleId :
2021-01-28-FD04

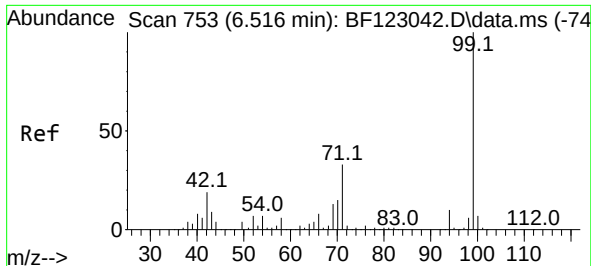
Tgt Ion:152 Resp: 212111
Ion Ratio Lower Upper
152 100
150 155.4 125.8 188.6
115 61.1 49.3 73.9



#5
2-Fluorophenol
Concen: 78.33 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF123102.D
Acq: 3 Feb 2021 14:07

Tgt Ion:112 Resp: 1077127
Ion Ratio Lower Upper
112 100
64 55.6 46.9 70.3
63 28.0 24.5 36.7

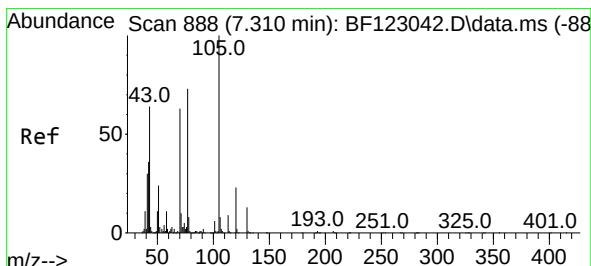
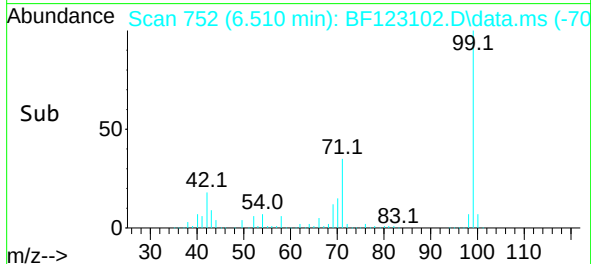
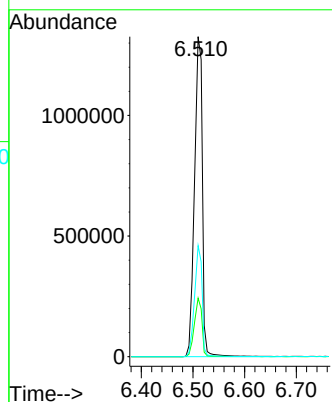
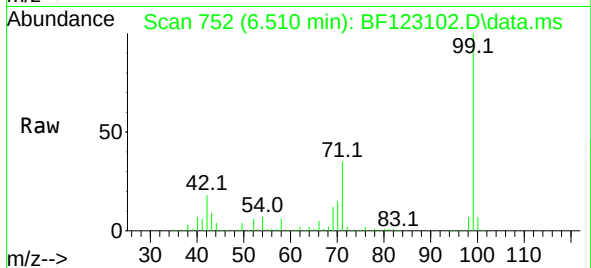




#7
Phenol-d6
Concen: 75.17 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF123102.D
Acq: 3 Feb 2021 14:07

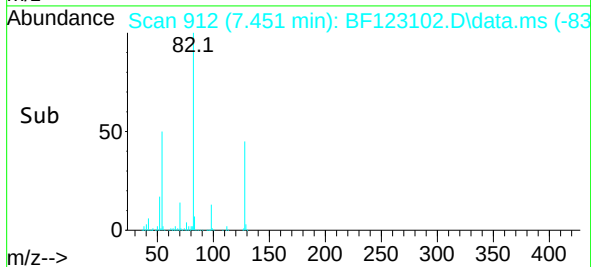
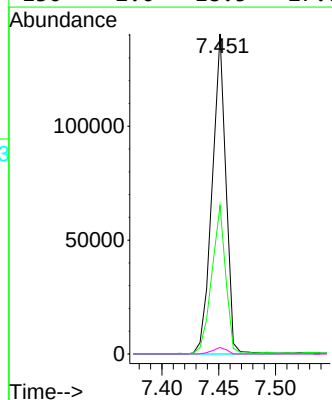
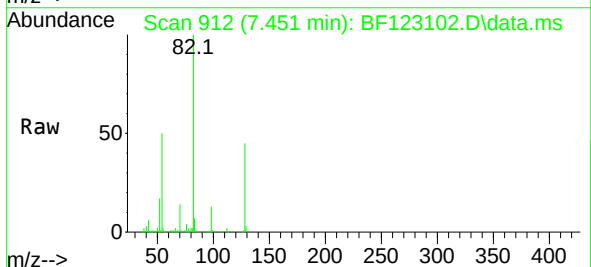
Instrument :
BNA_F
ClientSampleId :
2021-01-28-FD04

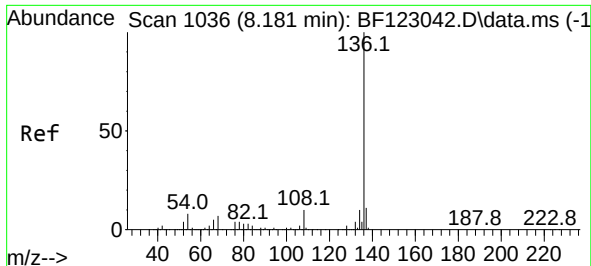
Tgt Ion: 99 Resp: 1400993
Ion Ratio Lower Upper
99 100
42 18.3 13.8 20.6
71 34.7 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 10.56 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF123102.D
Acq: 3 Feb 2021 14:07

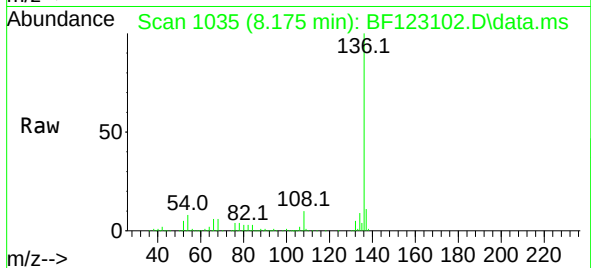
Tgt Ion: 70 Resp: 118369
Ion Ratio Lower Upper
70 100
42 46.4 43.0 64.4
101 0.0 7.9 11.9#
130 2.0 18.5 27.7#



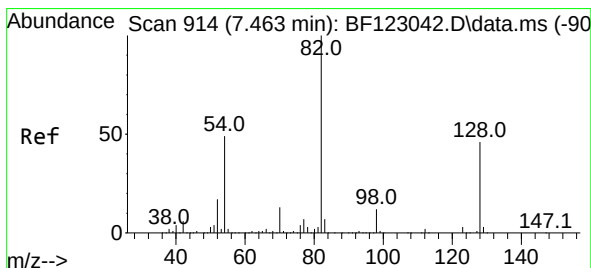
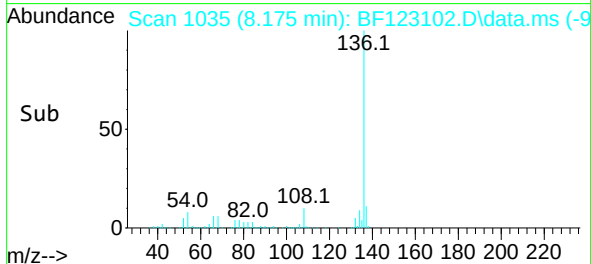
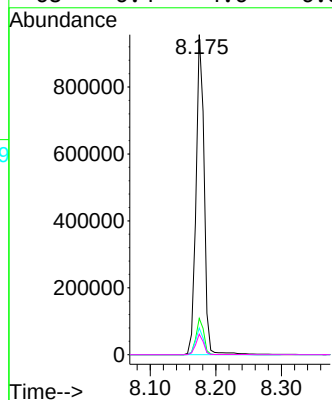


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123102.D
Acq: 3 Feb 2021 14:07

Instrument :
BNA_F
ClientSampleId :
2021-01-28-FD04

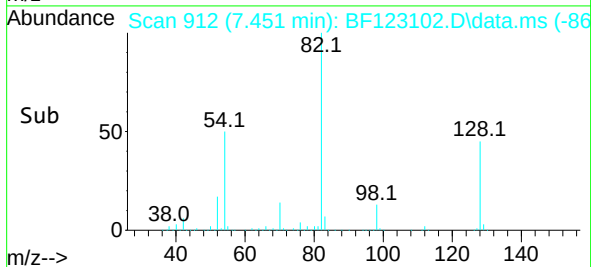
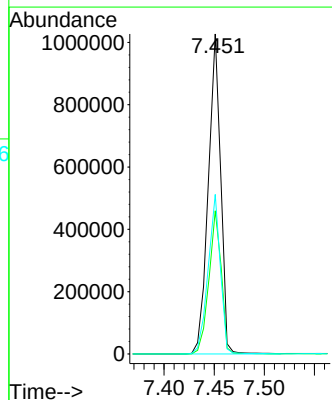
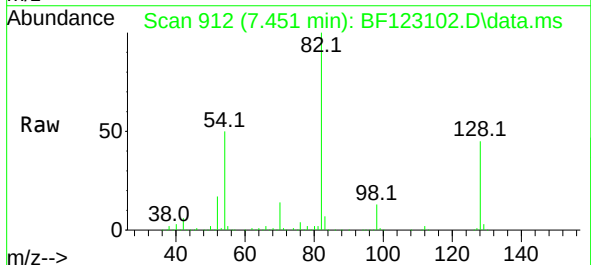


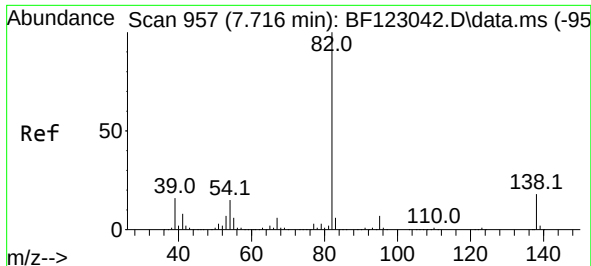
Tgt Ion:136 Resp: 823900
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 8.3 5.5 8.3#
68 6.4 4.6 6.8



#23
Nitrobenzene-d5
Concen: 54.25 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF123102.D
Acq: 3 Feb 2021 14:07

Tgt Ion: 82 Resp: 888147
Ion Ratio Lower Upper
82 100
128 44.8 37.0 55.4
54 49.9 38.4 57.6

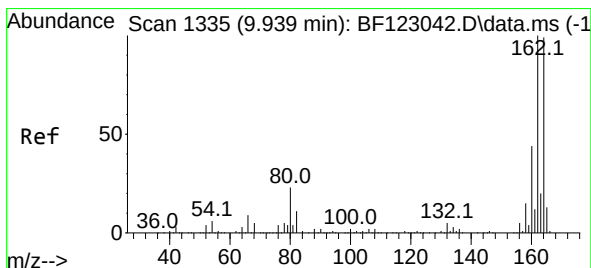
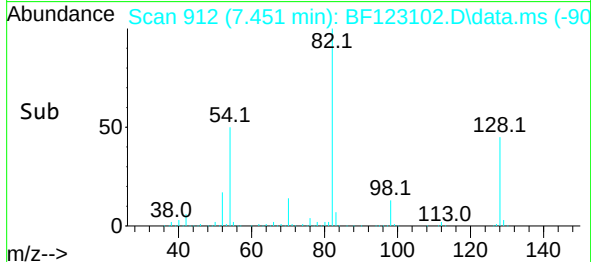
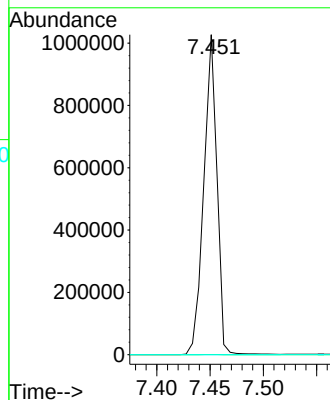
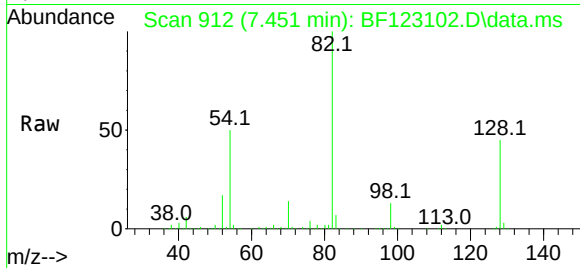




#25
Isophorone
Concen: 29.62 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.265 min
Lab File: BF123102.D
Acq: 3 Feb 2021 14:07

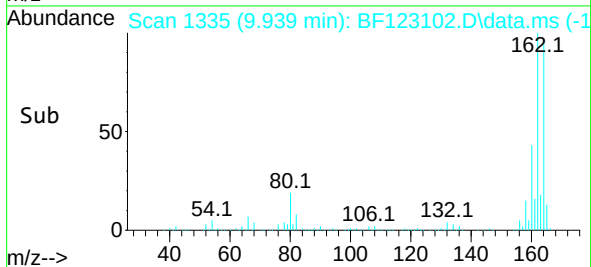
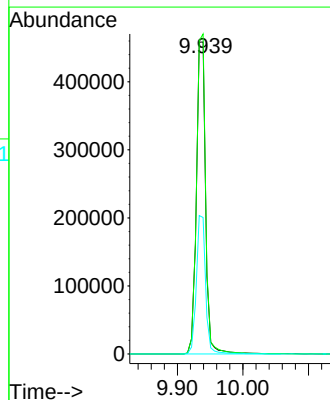
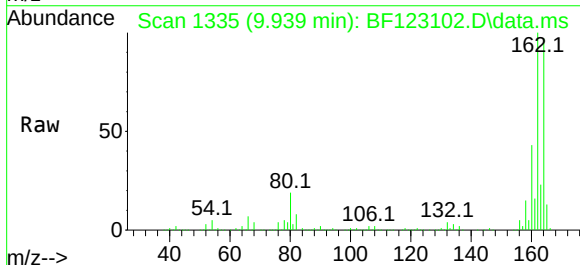
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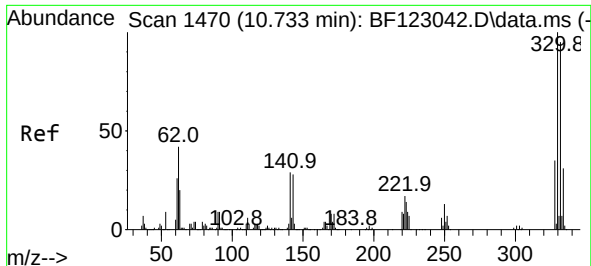
Tgt Ion: 82 Resp: 888128
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF123102.D
Acq: 3 Feb 2021 14:07

Tgt Ion:164 Resp: 448827
Ion Ratio Lower Upper
164 100
162 102.6 80.8 121.2
160 43.8 35.4 53.0

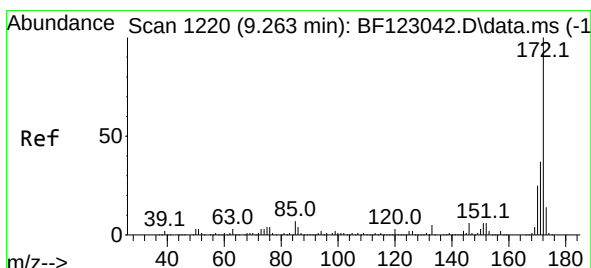
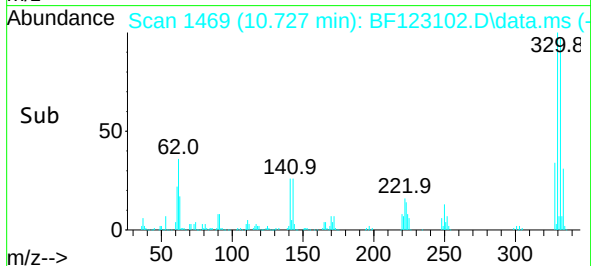
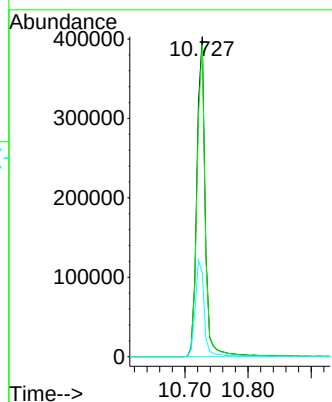
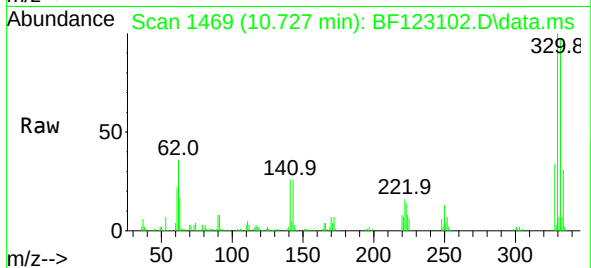




#42
2,4,6-Tribromophenol
Concen: 75.64 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF123102.D
Acq: 3 Feb 2021 14:07

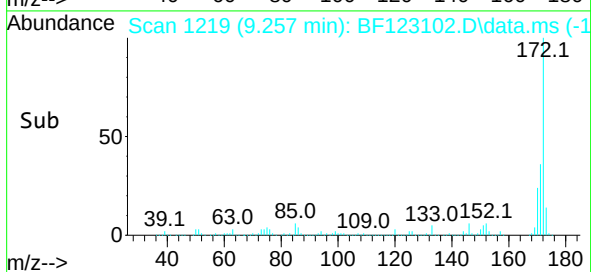
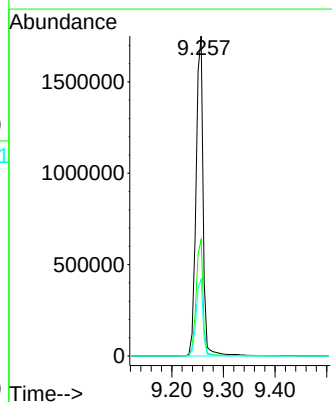
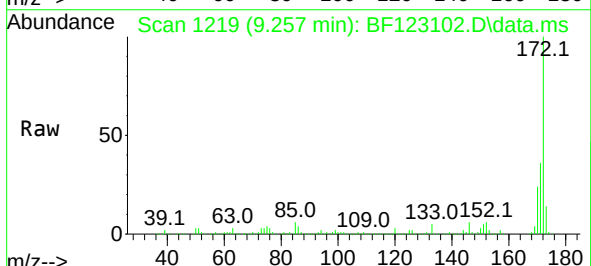
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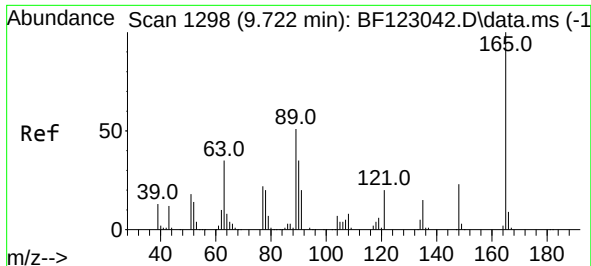
Tgt Ion:330 Resp: 368542
Ion Ratio Lower Upper
330 100
332 96.8 77.5 116.3
141 32.9 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 55.10 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123102.D
Acq: 3 Feb 2021 14:07

Tgt Ion:172 Resp: 1663703
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 23.9 19.5 29.3

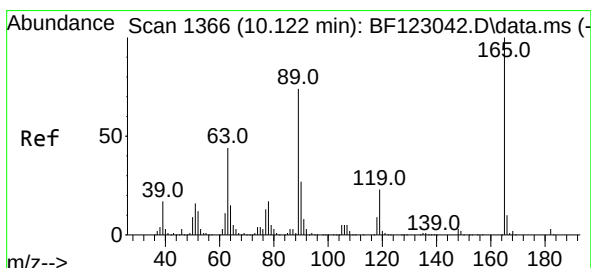
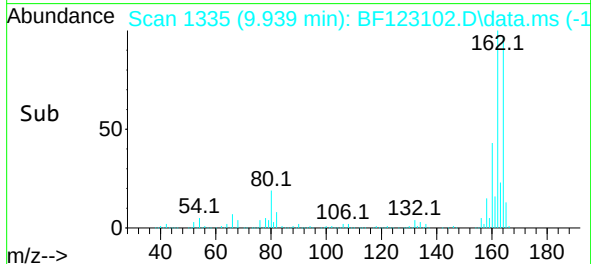
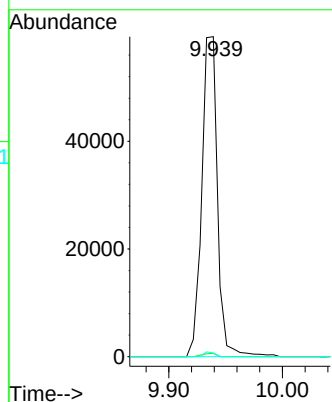
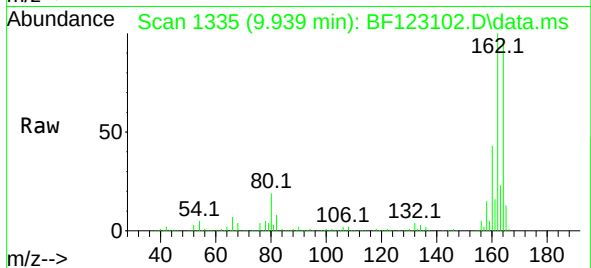




#51
2,6-Dinitrotoluene
Concen: 7.63 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.217 min
Lab File: BF123102.D
Acq: 3 Feb 2021 14:07

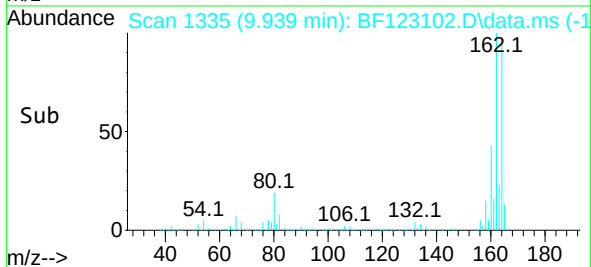
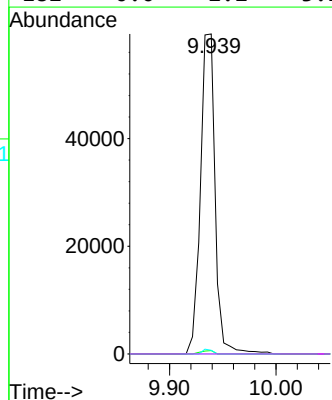
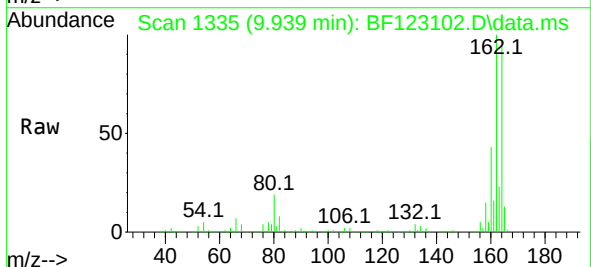
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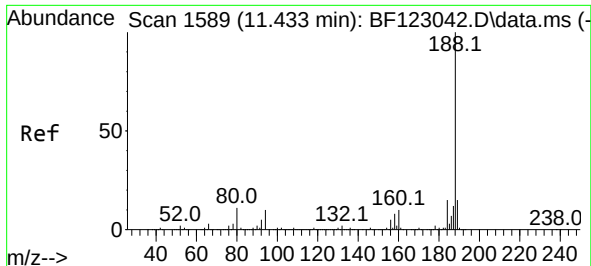
Tgt Ion:165 Resp: 57239
Ion Ratio Lower Upper
165 100
63 1.0 36.6 55.0#
89 1.2 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.87 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.183 min
Lab File: BF123102.D
Acq: 3 Feb 2021 14:07

Tgt Ion:165 Resp: 57240
Ion Ratio Lower Upper
165 100
63 1.0 34.3 51.5#
89 1.2 55.2 82.8#
182 0.0 2.2 3.2#

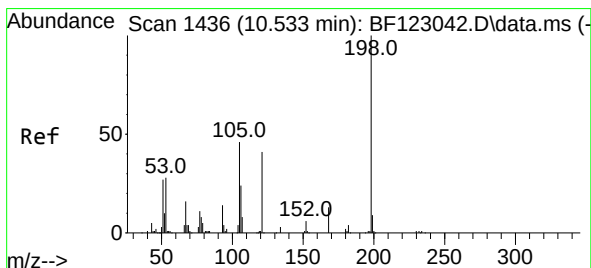
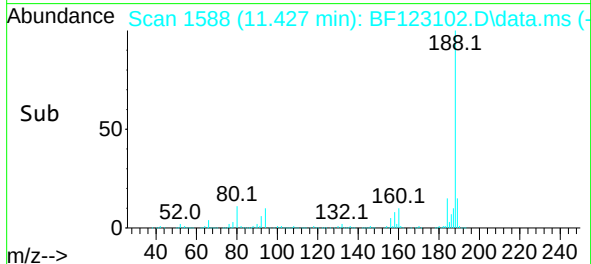
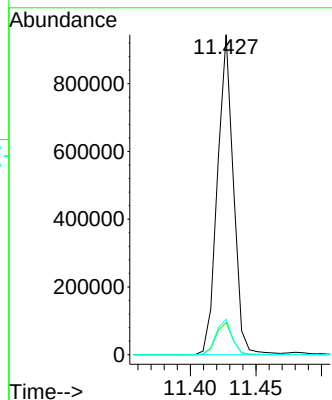
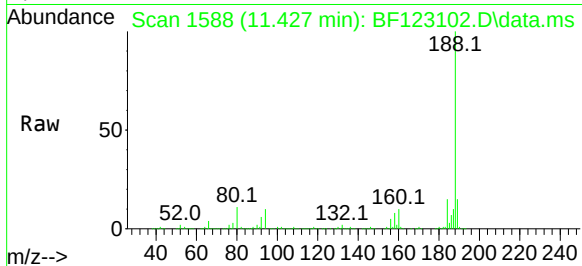




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF123102.D
Acq: 3 Feb 2021 14:07

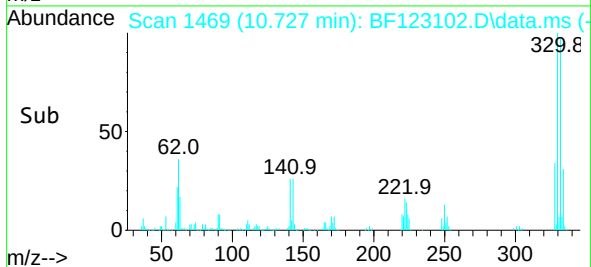
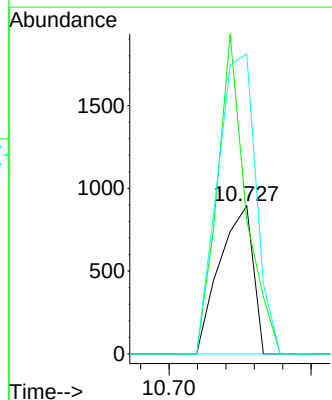
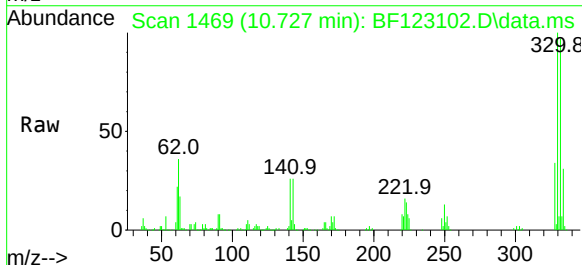
Instrument :
BNA_F
ClientSampleId :
2021-01-28-FD04

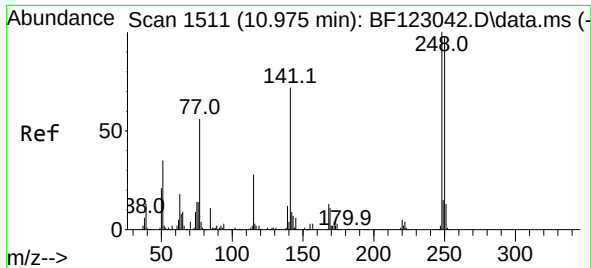
Tgt Ion:188 Resp: 798368
Ion Ratio Lower Upper
188 100
94 10.1 7.4 11.2
80 11.1 8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.12 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.194 min
Lab File: BF123102.D
Acq: 3 Feb 2021 14:07

Tgt Ion:198 Resp: 732
Ion Ratio Lower Upper
198 100
51 90.0 20.3 60.3#
105 202.6 23.0 63.0#

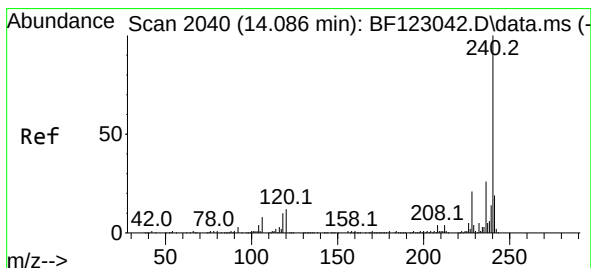
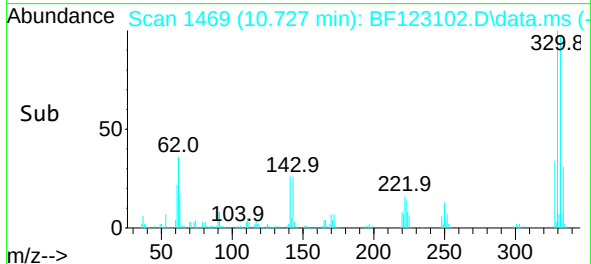
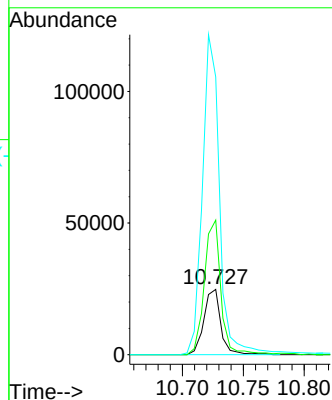
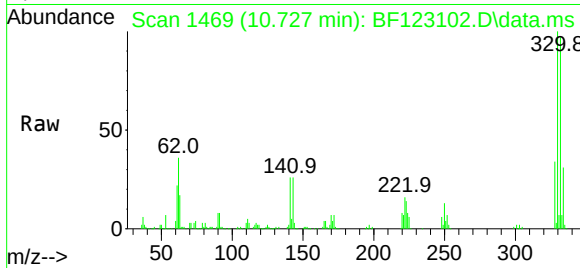




#67
4-Bromophenyl-phenylether
Concen: 2.37 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF123102.D
Acq: 3 Feb 2021 14:07

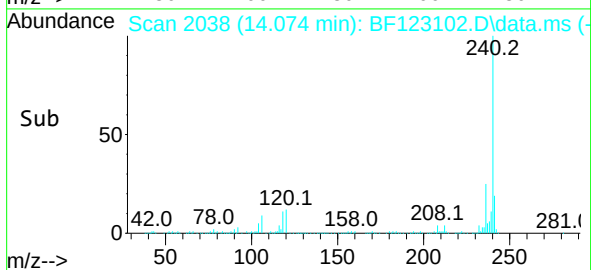
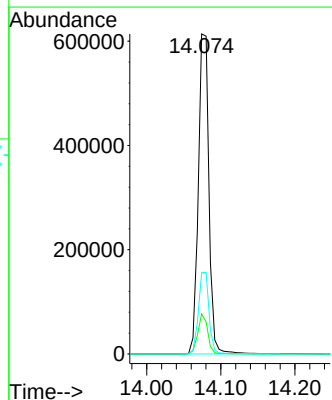
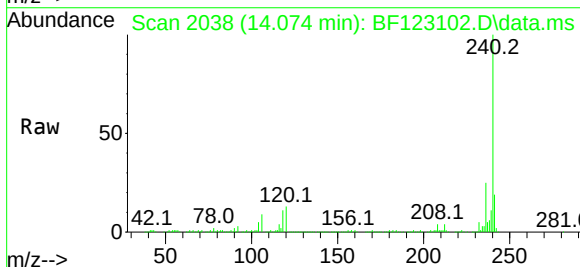
Instrument :
BNA_F
ClientSampleId :
2021-01-28-FD04

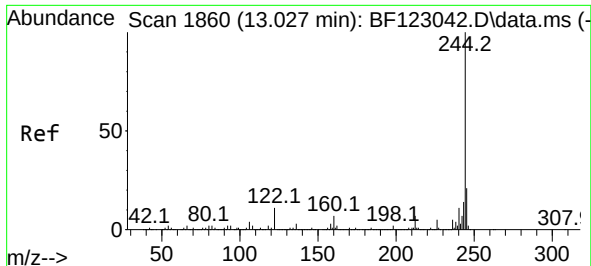
Tgt Ion:248 Resp: 24083
Ion Ratio Lower Upper
248 100
250 206.0 76.8 115.2#
141 425.4 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.012 min
Lab File: BF123102.D
Acq: 3 Feb 2021 14:07

Tgt Ion:240 Resp: 608971
Ion Ratio Lower Upper
240 100
120 12.6 8.6 12.8
236 25.4 20.3 30.5

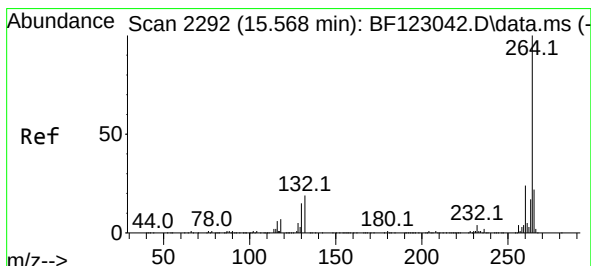
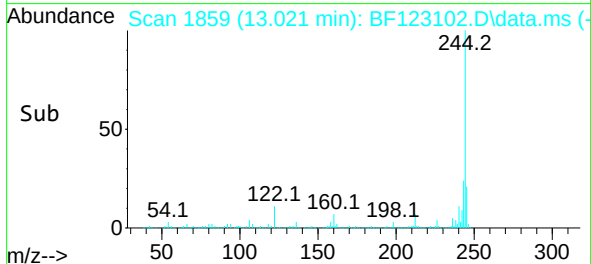
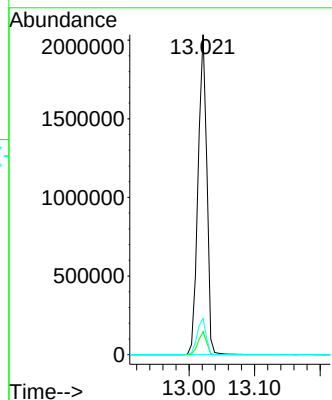
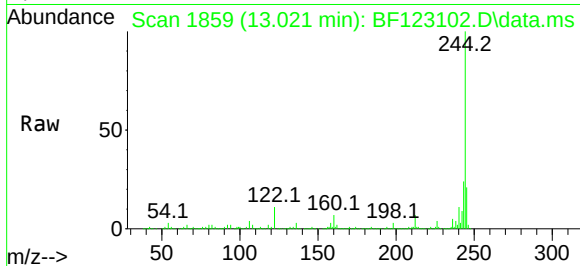




#79
Terphenyl-d14
Concen: 61.12 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BF123102.D
Acq: 3 Feb 2021 14:07

Instrument :
BNA_F
ClientSampleId :
2021-01-28-FD04

Tgt Ion:244 Resp: 1894490
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 11.3 8.3 12.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.568 min Scan# 2292
Delta R.T. -0.000 min
Lab File: BF123102.D
Acq: 3 Feb 2021 14:07

Tgt Ion:264 Resp: 514002
Ion Ratio Lower Upper
264 100
260 23.3 18.6 28.0
265 21.2 17.0 25.6

