

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080321\
 Data File : BF124923.D
 Acq On : 3 Aug 2021 19:23
 Operator : JU/CG
 Sample : PB138173TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB138173TB

Quant Time: Aug 04 05:07:26 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 02 11:15:51 2021
 Response via : Initial Calibration

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

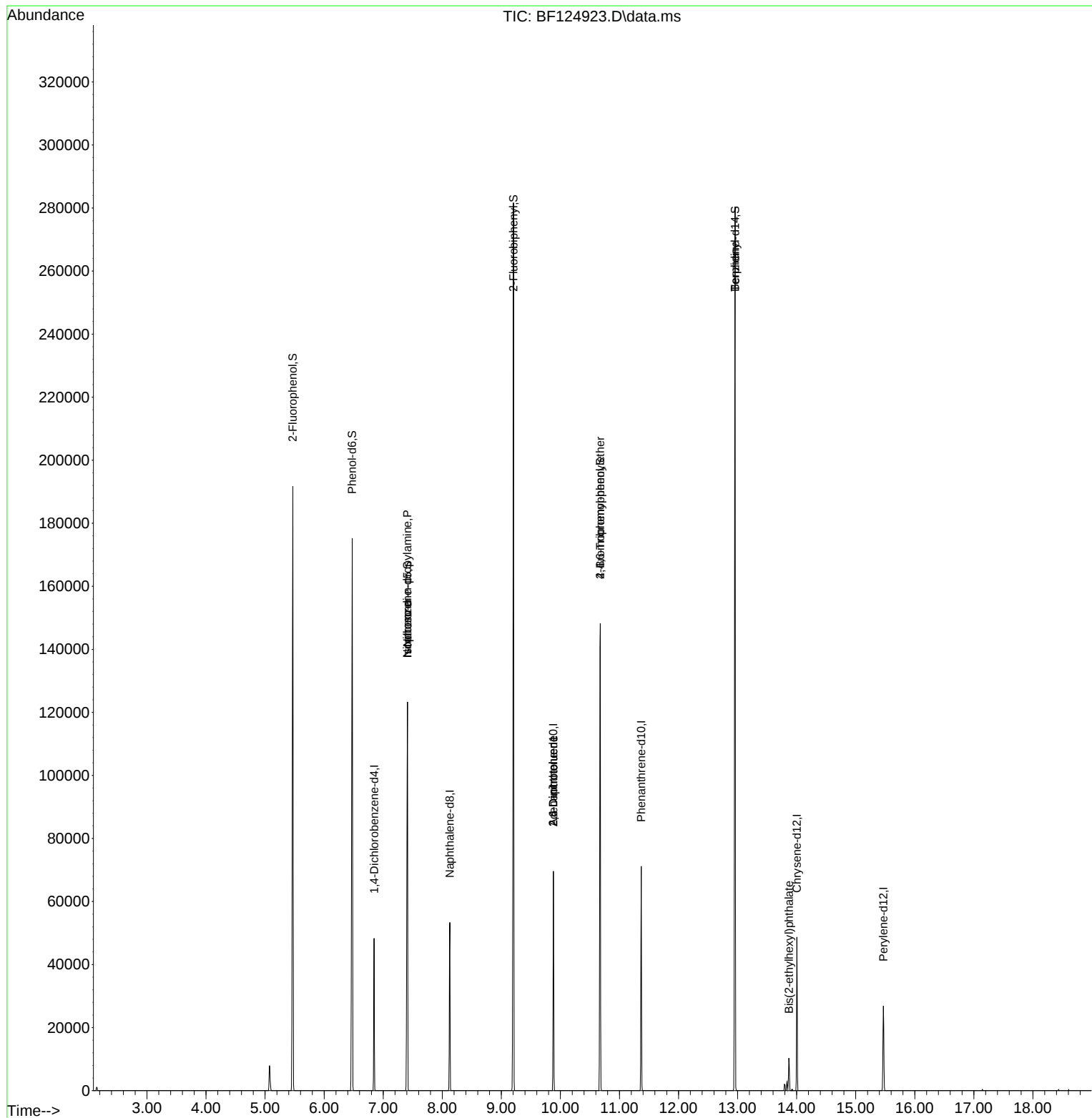
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	6193	20.000	ng	-0.01
21) Naphthalene-d8	8.128	136	23733	20.000	ng	-0.01
39) Acenaphthene-d10	9.881	164	13659	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	24735	20.000	ng	-0.01
76) Chrysene-d12	14.004	240	17702	20.000	ng	-0.02
86) Perylene-d12	15.468	264	13252	20.000	ng	#-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	50702	138.619	ng	0.00
7) Phenol-d6	6.475	99	59478	129.711	ng	-0.01
23) Nitrobenzene-d5	7.410	82	39589	99.281	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	15819	134.887	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	80635	86.707	ng	-0.01
79) Terphenyl-d14	12.957	244	93190	90.239	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.410	70	5134	20.967	ng	# 65
25) Isophorone	7.410	82	39588	56.146	ng	# 59
51) 2,6-Dinitrotoluene	9.881	165	1554	7.479	ng	# 26
57) 2,4-Dinitrotoluene	9.881	165	1554	5.511	ng	# 18
67) 4-Bromophenyl-phenylether	10.675	248	1265	4.822	ng	# 1
77) Benzidine	12.957	184	1494	2.993	ng	# 80
84) Bis(2-ethylhexyl)phtha...	13.869	149	3510	3.550	ng	# 53

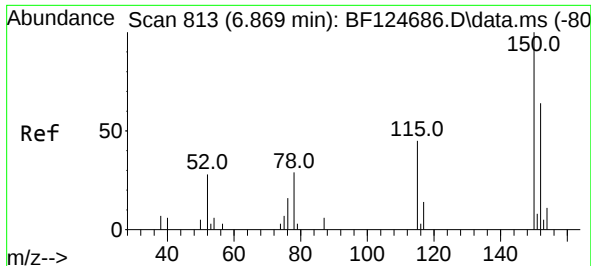
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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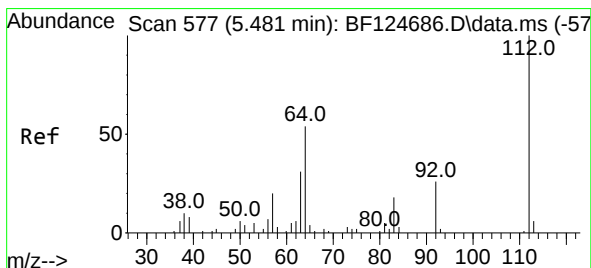
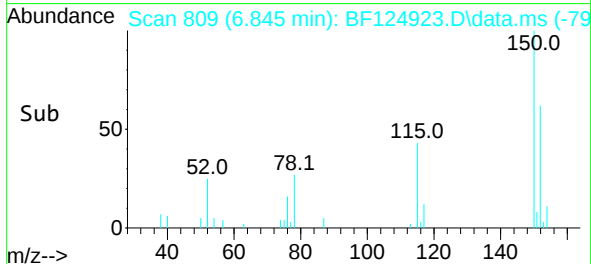
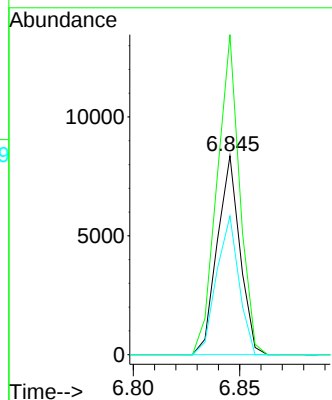
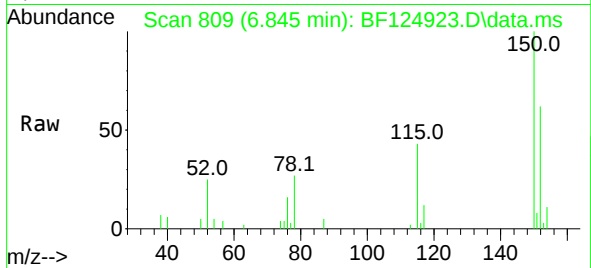




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.012 min
Lab File: BF124923.D
Acq: 3 Aug 2021 19:23

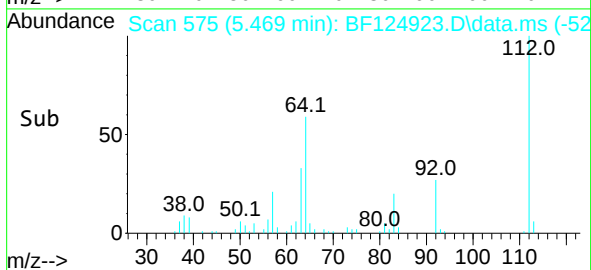
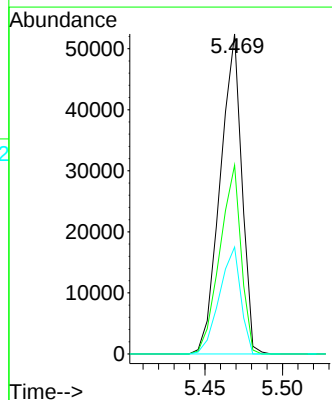
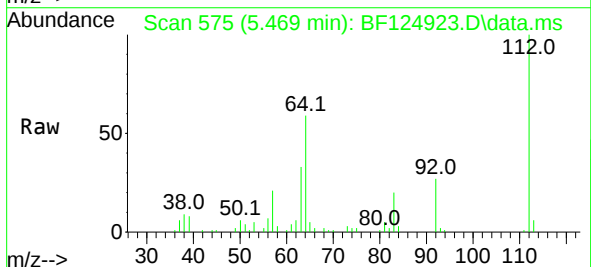
Instrument :
BNA_F
ClientSampleId :
PB138173TB

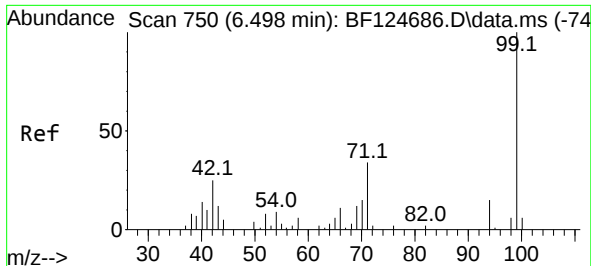
Tgt Ion:152 Resp: 6193
Ion Ratio Lower Upper
152 100
150 160.9 117.6 176.4
115 69.7 47.1 70.7



#5
2-Fluorophenol
Concen: 138.619 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.006 min
Lab File: BF124923.D
Acq: 3 Aug 2021 19:23

Tgt Ion:112 Resp: 50702
Ion Ratio Lower Upper
112 100
64 59.0 44.2 66.2
63 33.4 26.2 39.2

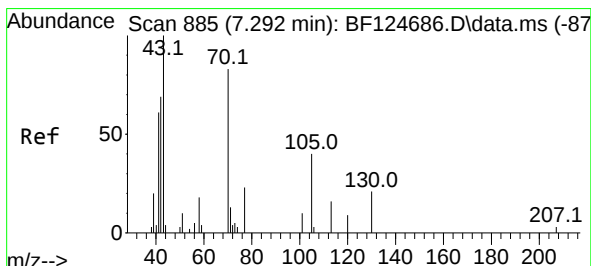
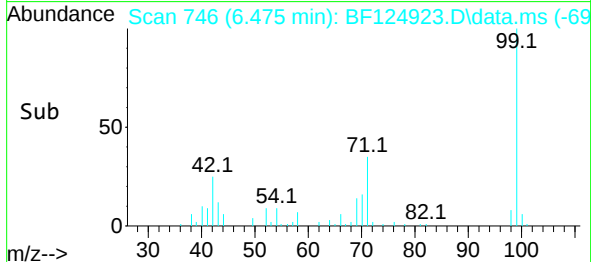
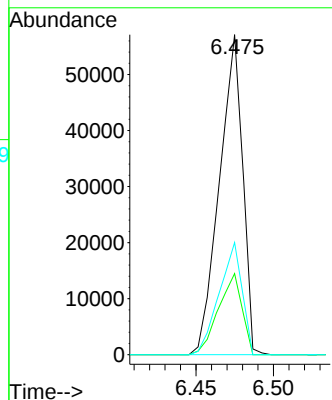
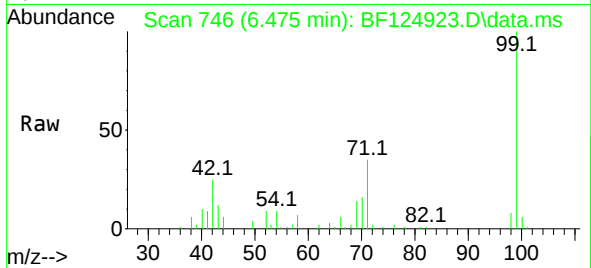




#7
Phenol-d6
Concen: 129.711 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.012 min
Lab File: BF124923.D
Acq: 3 Aug 2021 19:23

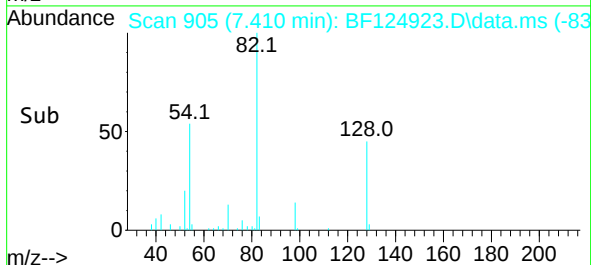
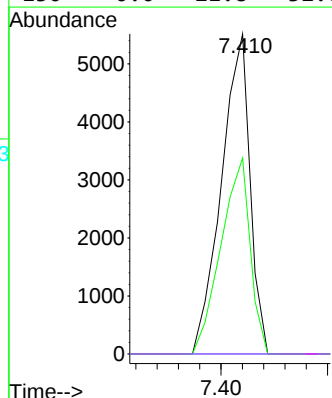
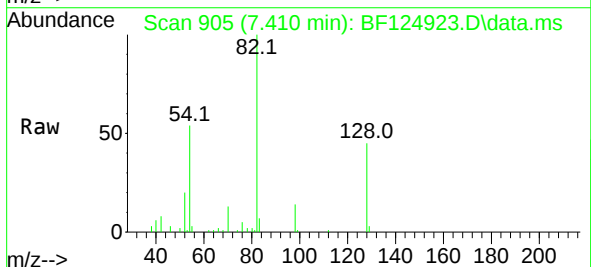
Instrument :
BNA_F
ClientSampleId :
PB138173TB

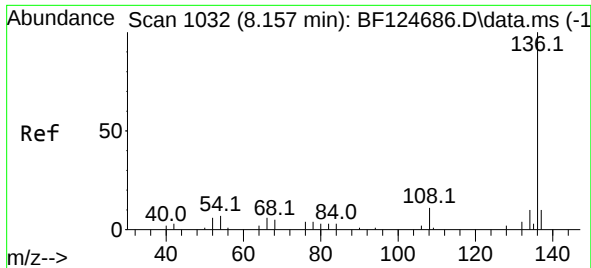
Tgt Ion: 99 Resp: 59478
Ion Ratio Lower Upper
99 100
42 25.4 23.5 35.3
71 35.0 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 20.967 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.135 min
Lab File: BF124923.D
Acq: 3 Aug 2021 19:23

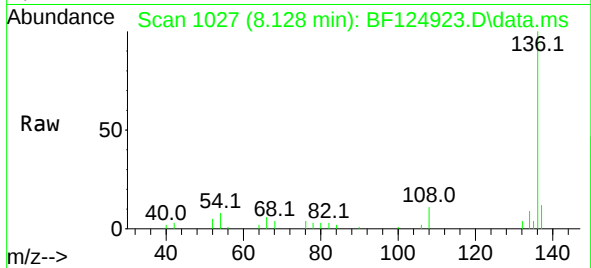
Tgt Ion: 70 Resp: 5134
Ion Ratio Lower Upper
70 100
42 61.3 72.2 108.2#
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#



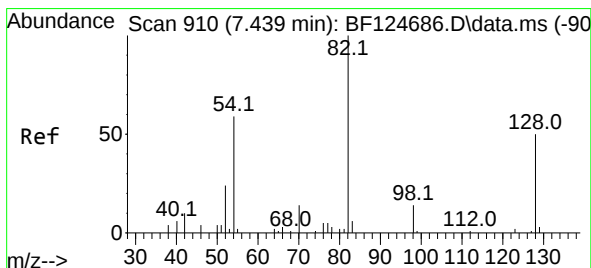
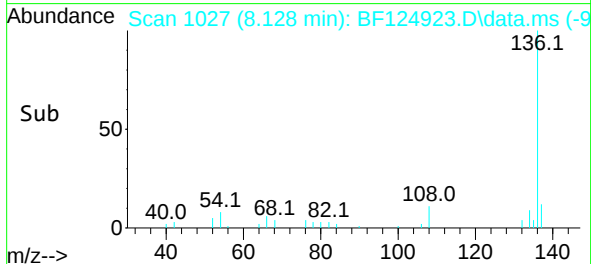
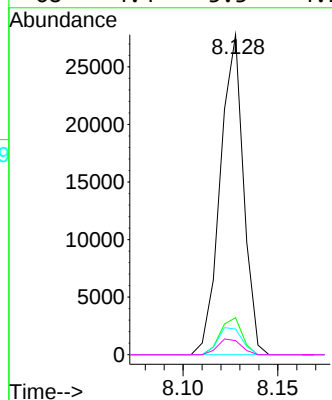


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.012 min
Lab File: BF124923.D
Acq: 3 Aug 2021 19:23

Instrument :
BNA_F
ClientSampleId :
PB138173TB

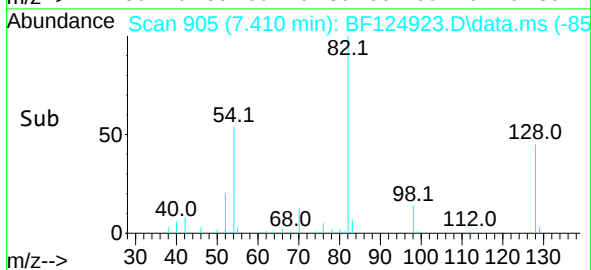
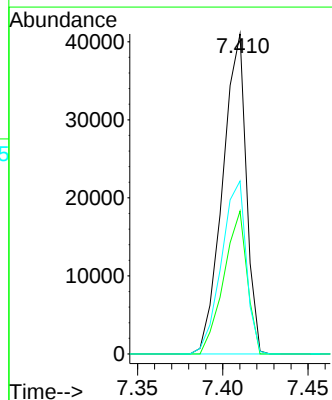
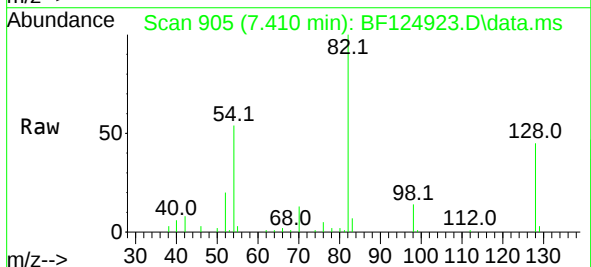


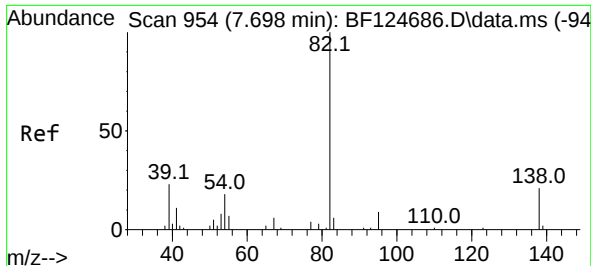
Tgt Ion:136 Resp: 23733
Ion Ratio Lower Upper
136 100
137 11.5 9.8 14.6
54 8.0 6.4 9.6
68 4.4 3.3 4.9



#23
Nitrobenzene-d5
Concen: 99.281 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.017 min
Lab File: BF124923.D
Acq: 3 Aug 2021 19:23

Tgt Ion: 82 Resp: 39589
Ion Ratio Lower Upper
82 100
128 44.7 40.6 60.8
54 54.0 49.6 74.4

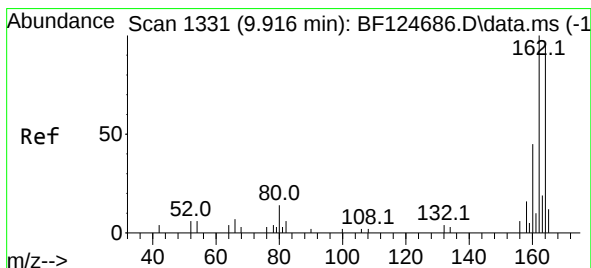
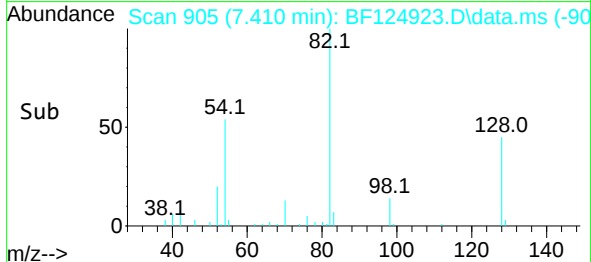
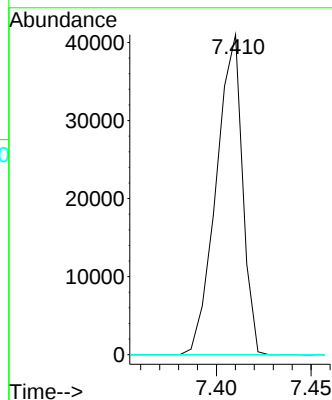
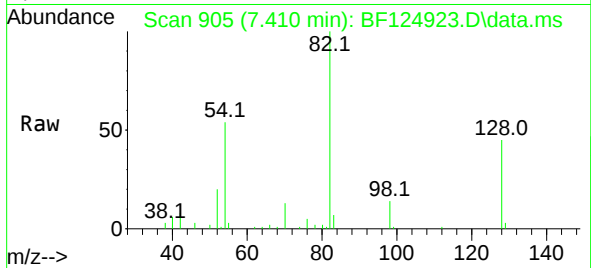




#25
Isophorone
Concen: 56.146 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.270 min
Lab File: BF124923.D
Acq: 3 Aug 2021 19:23

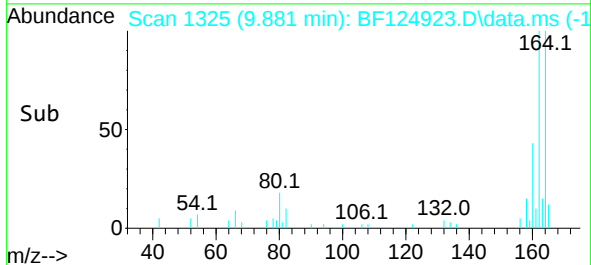
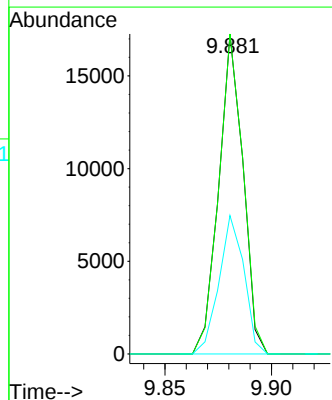
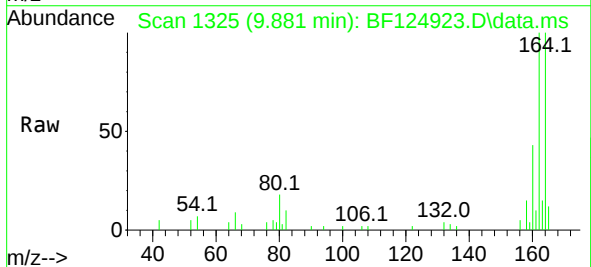
Instrument :
BNA_F
ClientSampleId :
PB138173TB

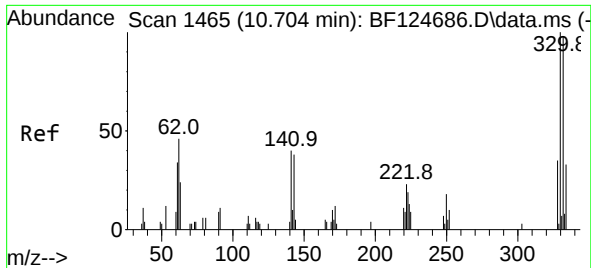
Tgt Ion: 82 Resp: 39588
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF124923.D
Acq: 3 Aug 2021 19:23

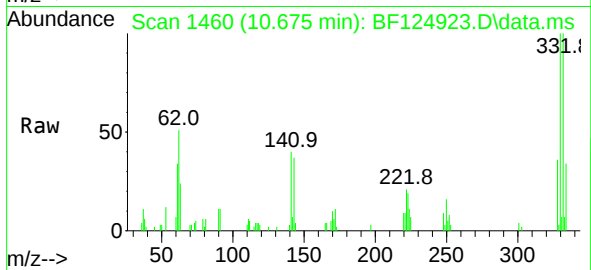
Tgt Ion:164 Resp: 13659
Ion Ratio Lower Upper
164 100
162 100.0 81.3 121.9
160 43.3 38.0 57.0



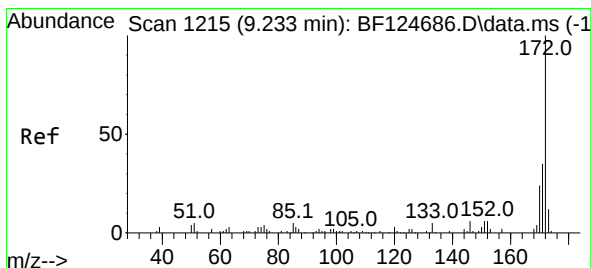
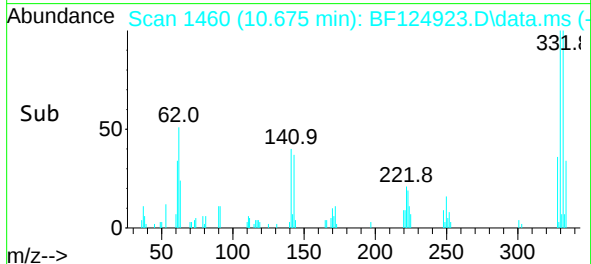
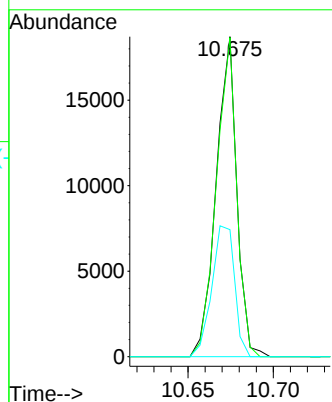


#42
2,4,6-Tribromophenol
Concen: 134.887 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF124923.D
Acq: 3 Aug 2021 19:23

Instrument :
BNA_F
ClientSampleId :
PB138173TB

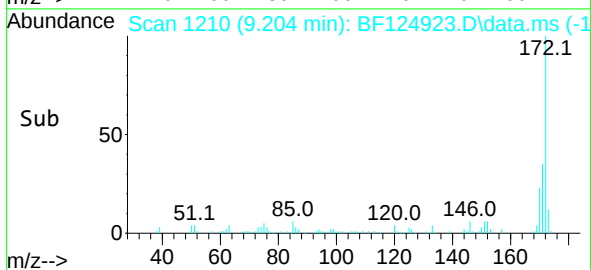
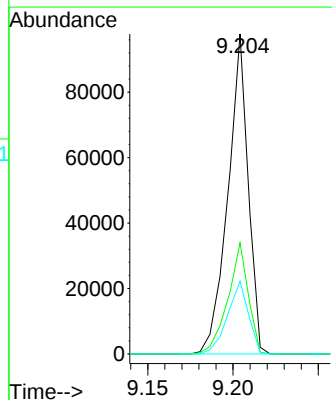
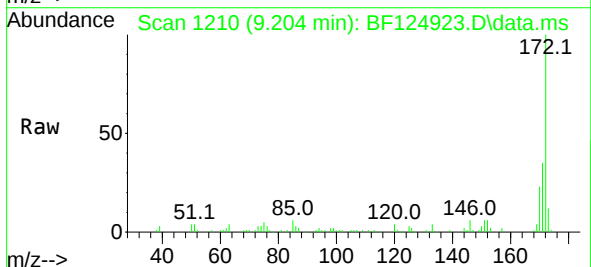


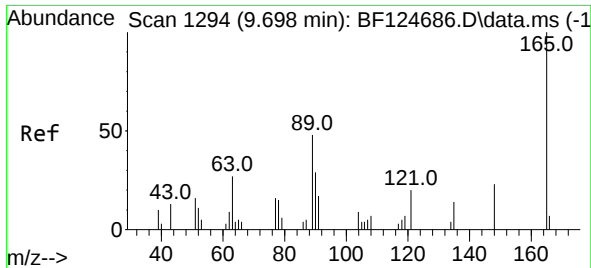
Tgt Ion:330 Resp: 15819
Ion Ratio Lower Upper
330 100
332 98.1 76.2 114.4
141 45.0 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 86.707 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.012 min
Lab File: BF124923.D
Acq: 3 Aug 2021 19:23

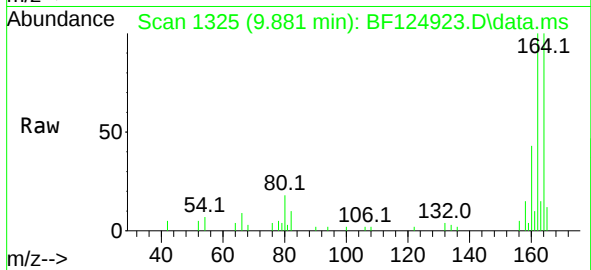
Tgt Ion:172 Resp: 80635
Ion Ratio Lower Upper
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171 34.7 26.5 39.7
170 22.7 18.8 28.2



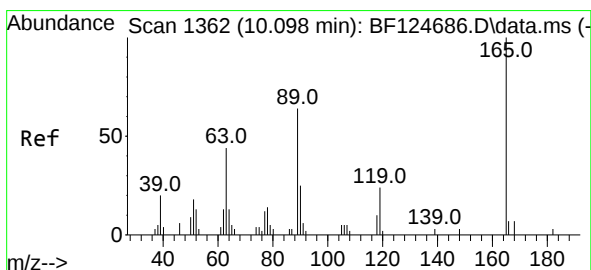
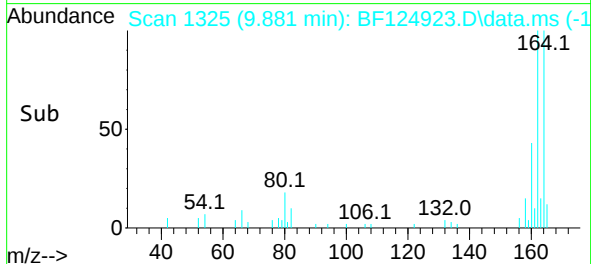
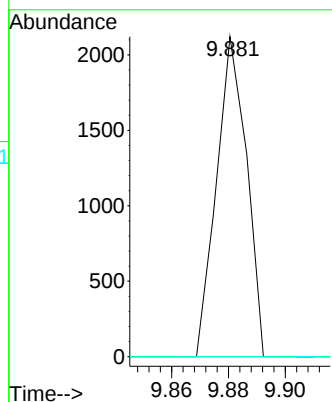


#51
2,6-Dinitrotoluene
Concen: 7.479 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.200 min
Lab File: BF124923.D
Acq: 3 Aug 2021 19:23

Instrument :
BNA_F
ClientSampleId :
PB138173TB

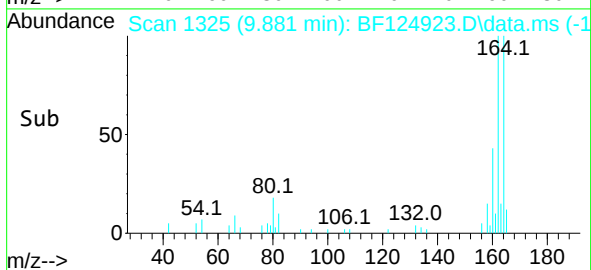
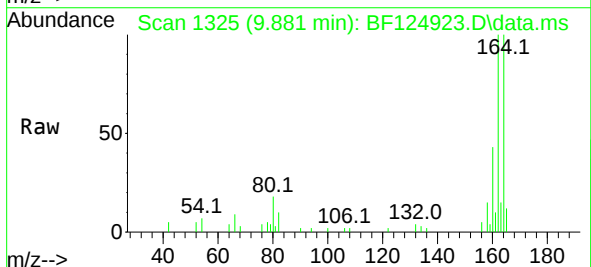
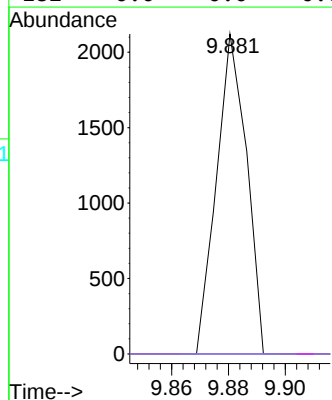


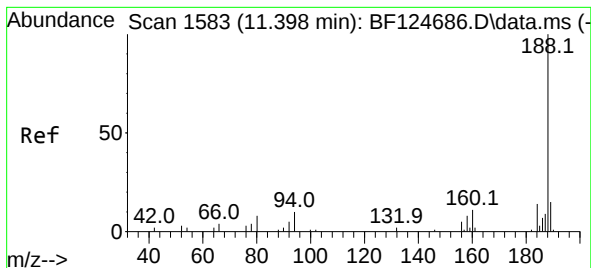
Tgt Ion:165 Resp: 1554
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.511 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.200 min
Lab File: BF124923.D
Acq: 3 Aug 2021 19:23

Tgt Ion:165 Resp: 1554
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0

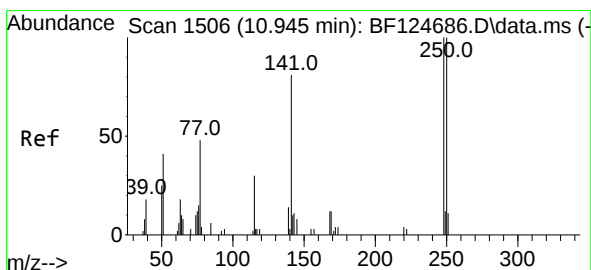
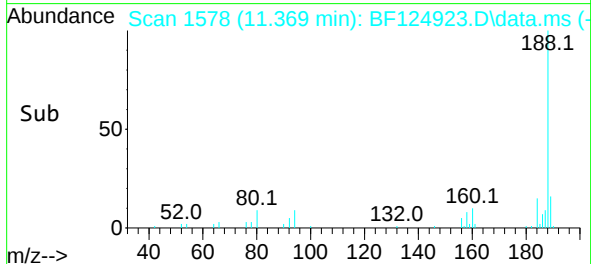
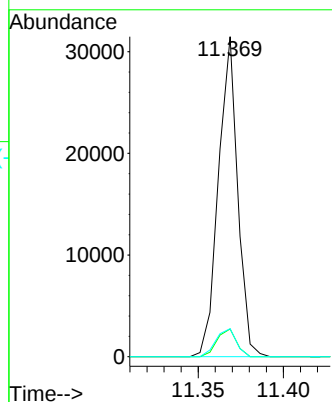
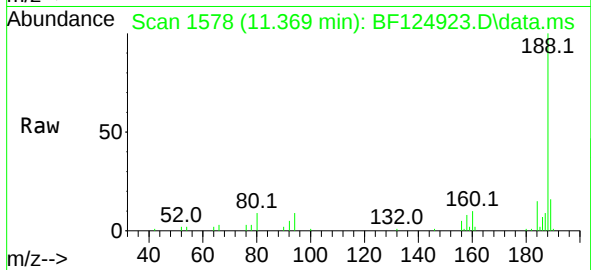




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.012 min
Lab File: BF124923.D
Acq: 3 Aug 2021 19:23

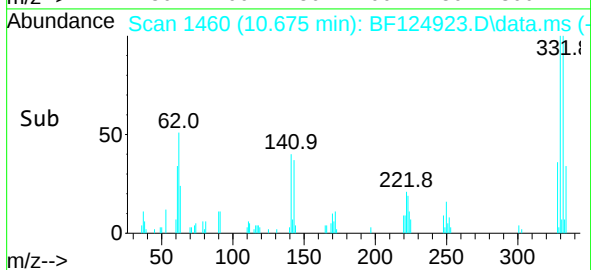
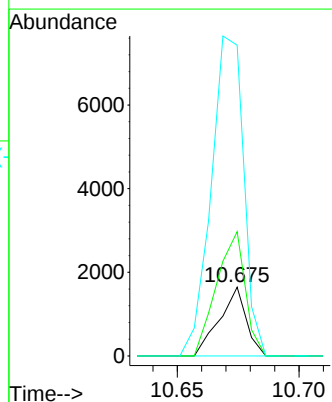
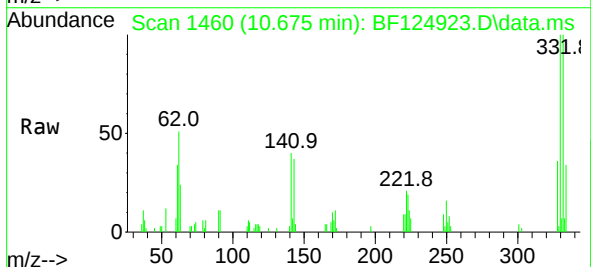
Instrument :
BNA_F
ClientSampleId :
PB138173TB

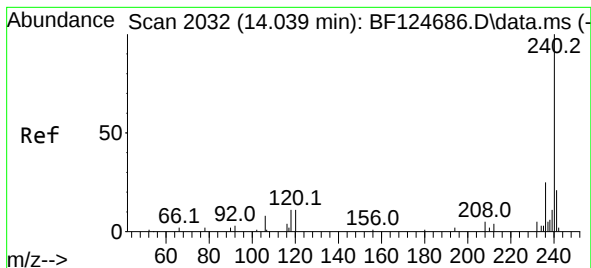
Tgt Ion:188 Resp: 24735
Ion Ratio Lower Upper
188 100
94 8.7 6.7 10.1
80 8.8 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.822 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.247 min
Lab File: BF124923.D
Acq: 3 Aug 2021 19:23

Tgt Ion:248 Resp: 1265
Ion Ratio Lower Upper
248 100
250 180.8 74.2 111.4#
141 451.9 60.4 90.6#

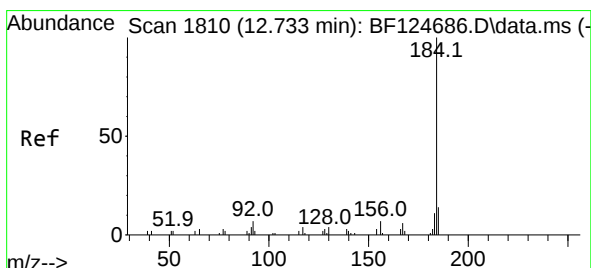
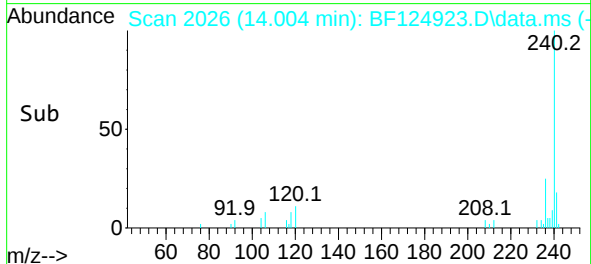
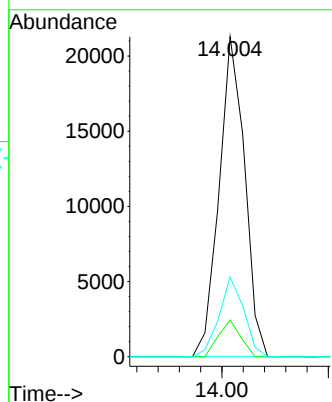
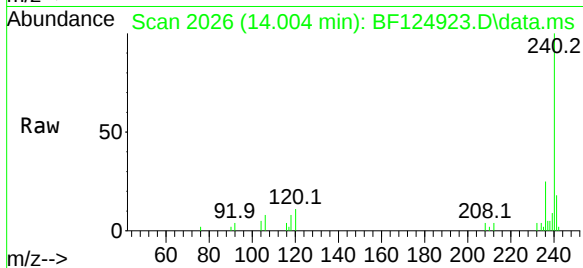




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.017 min
Lab File: BF124923.D
Acq: 3 Aug 2021 19:23

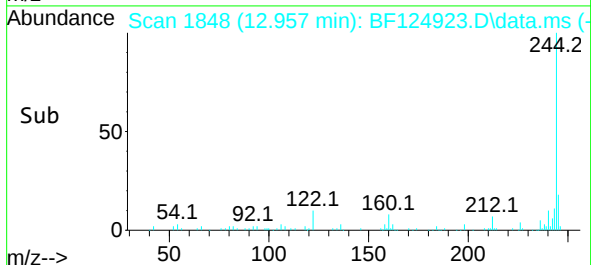
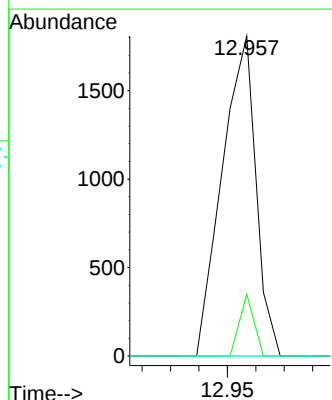
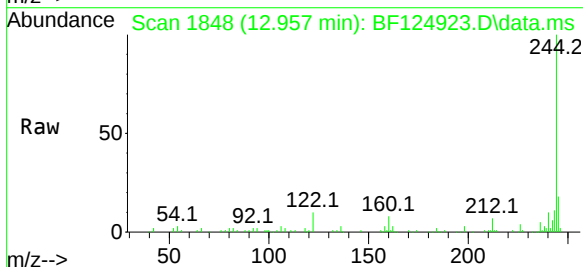
Instrument :
BNA_F
ClientSampleId :
PB138173TB

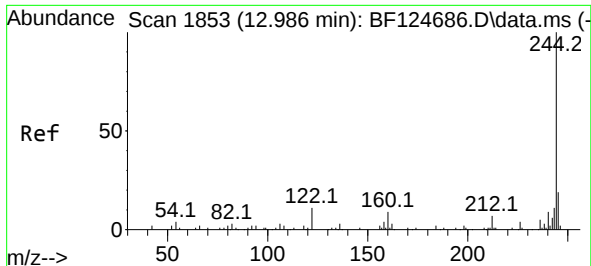
Tgt Ion:240 Resp: 17702
Ion Ratio Lower Upper
240 100
120 11.5 10.8 16.2
236 24.9 21.6 32.4



#77
Benzidine
Concen: 2.993 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.247 min
Lab File: BF124923.D
Acq: 3 Aug 2021 19:23

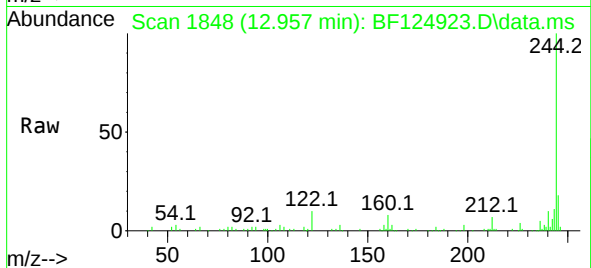
Tgt Ion:184 Resp: 1494
Ion Ratio Lower Upper
184 100
185 19.3 10.8 16.2#
183 0.0 8.1 12.1#



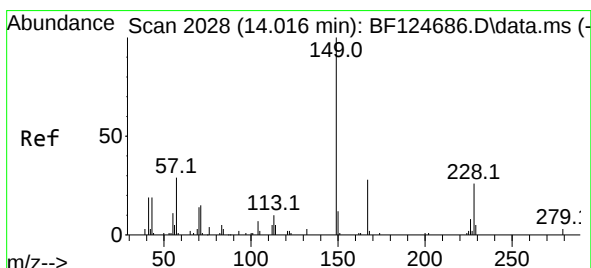
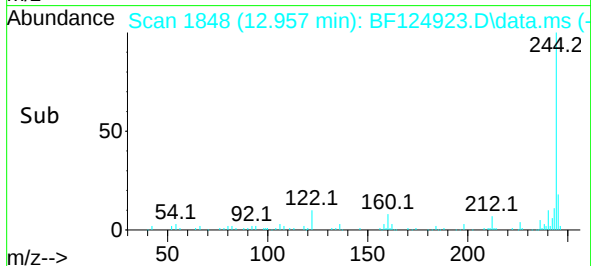
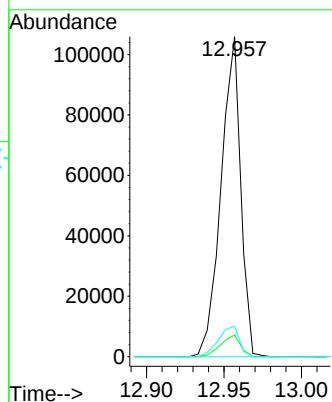


#79
 Terphenyl-d14
 Concen: 90.239 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.006 min
 Lab File: BF124923.D
 Acq: 3 Aug 2021 19:23

Instrument :
 BNA_F
 ClientSampleId :
 PB138173TB

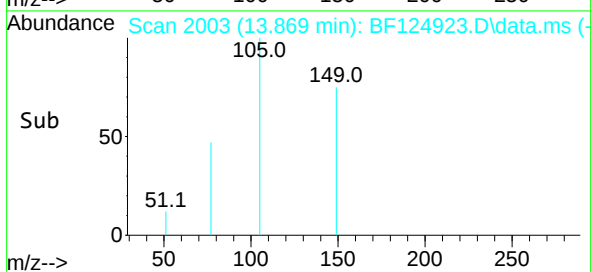
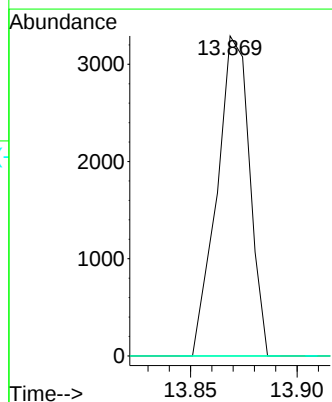
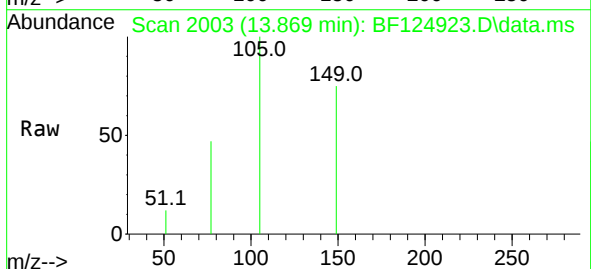


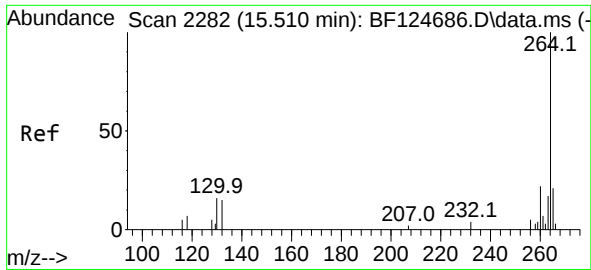
Tgt Ion:244 Resp: 93190
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 9.5 9.0 13.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.550 ng
 RT: 13.869 min Scan# 2003
 Delta R.T. -0.123 min
 Lab File: BF124923.D
 Acq: 3 Aug 2021 19:23

Tgt Ion:149 Resp: 3510
 Ion Ratio Lower Upper
 149 100
 167 0.0 21.4 32.0#
 279 0.0 2.6 4.0#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2275
Delta R.T. -0.012 min
Lab File: BF124923.D
Acq: 3 Aug 2021 19:23

Instrument :
BNA_F
ClientSampleId :
PB138173TB

Tgt Ion:264 Resp: 13252
Ion Ratio Lower Upper
264 100
260 19.5 19.6 29.4#
265 21.1 17.2 25.8

