

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061721\
 Data File : BF124358.D
 Acq On : 17 Jun 2021 12:10
 Operator : JU/CG
 Sample : M2678-13
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPLP-AMND-COMP-G(CL-07)

Quant Time: Jun 17 12:43:33 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 15 20:09:26 2021
 Response via : Initial Calibration

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

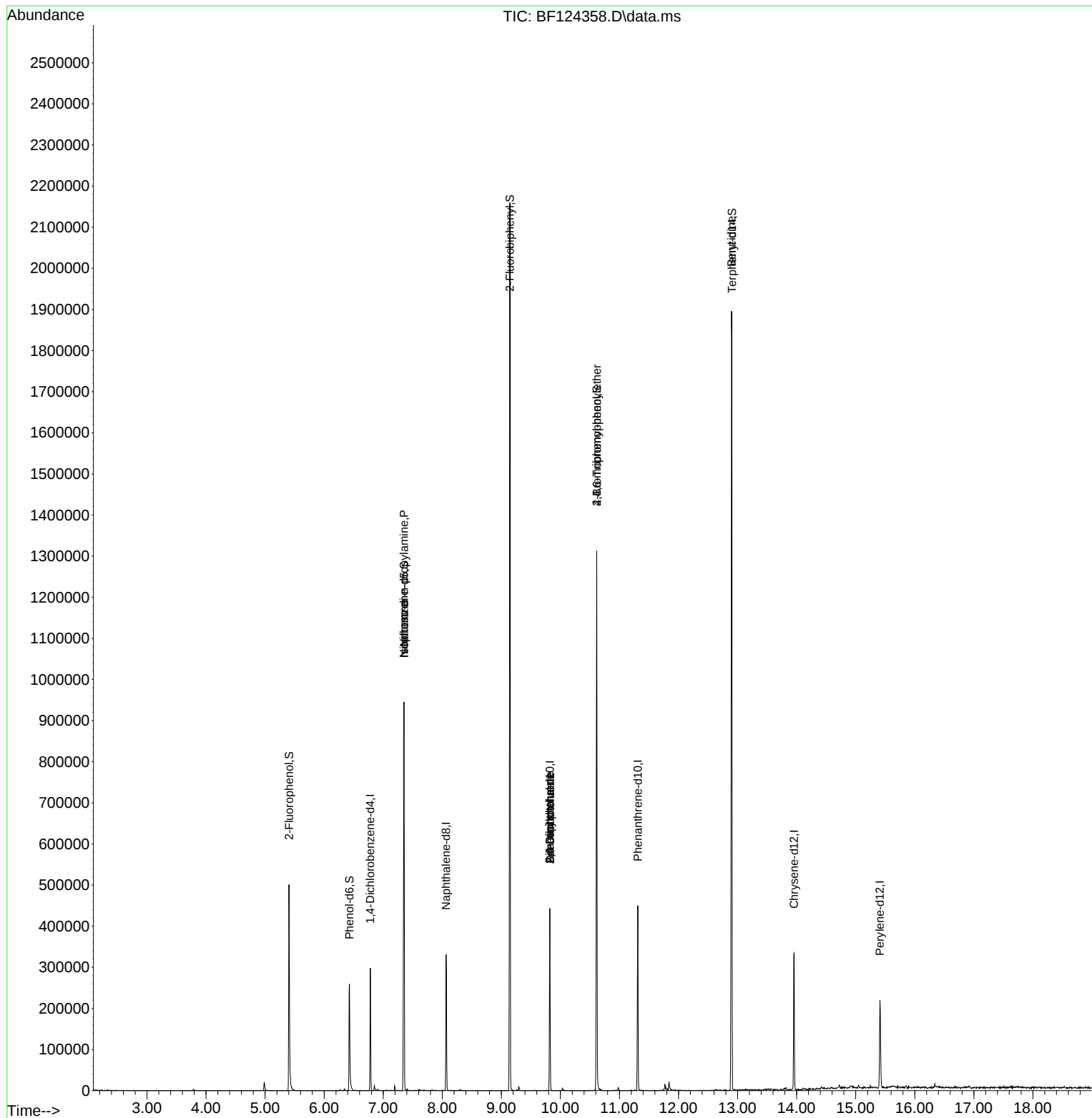
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	33637	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	127933	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	74909	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	139798	20.000	ng	# 0.00
76) Chrysene-d12	13.957	240	111639	20.000	ng	0.00
86) Perylene-d12	15.410	264	86820	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	112712	50.442	ng	-0.01
7) Phenol-d6	6.428	99	82634	27.512	ng	-0.02
23) Nitrobenzene-d5	7.351	82	291251	90.293	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	136969	129.060	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	545573	91.649	ng	0.00
79) Terphenyl-d14	12.904	244	643697	79.163	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	40974	19.325	ng	# 67
25) Isophorone	7.351	82	291251	50.106	ng	# 69
50) Dimethylphthalate	9.822	163	14879	2.401	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	9745	6.858	ng	# 10
57) 2,4-Dinitrotoluene	9.822	165	9745	5.200	ng	# 15
67) 4-Bromophenyl-phenylether	10.616	248	8371	4.363	ng	# 1
77) Benzidine	12.898	184	10975	7.922	ng	# 96

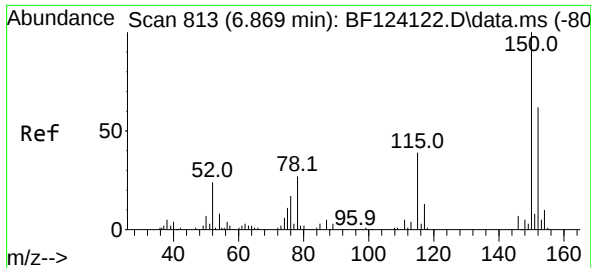
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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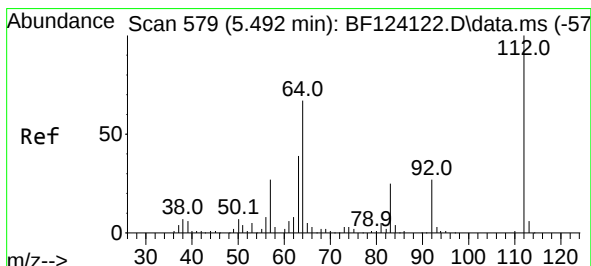
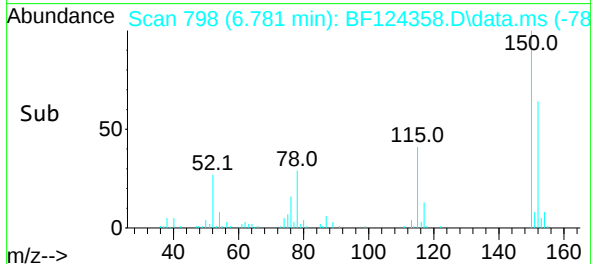
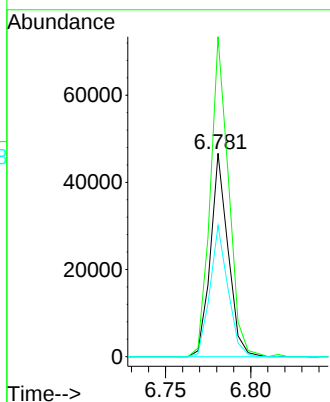
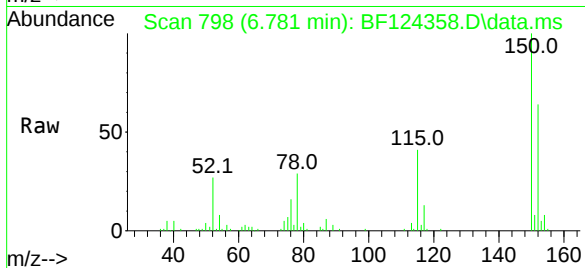




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF124358.D
Acq: 17 Jun 2021 12:10

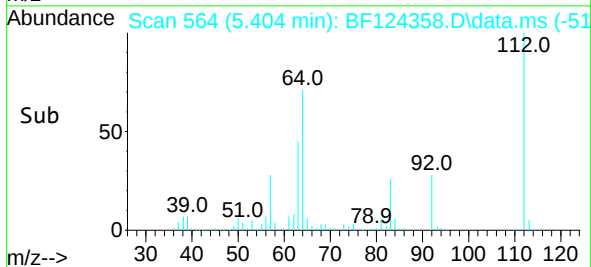
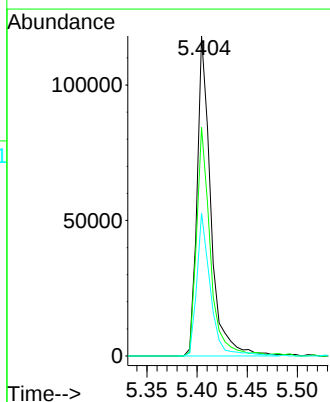
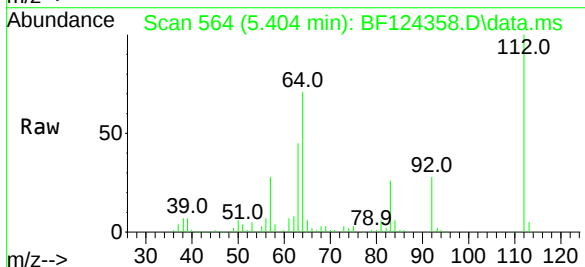
Instrument :
BNA_F
ClientSampleId :
SPLP-AMND-COMP-G(CL-07)

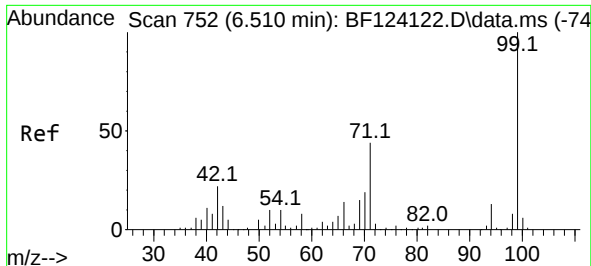
Tgt Ion:152 Resp: 33637
Ion Ratio Lower Upper
152 100
150 157.4 127.0 190.6
115 64.6 54.3 81.5



#5
2-Fluorophenol
Concen: 50.442 ng
RT: 5.404 min Scan# 564
Delta R.T. -0.012 min
Lab File: BF124358.D
Acq: 17 Jun 2021 12:10

Tgt Ion:112 Resp: 112712
Ion Ratio Lower Upper
112 100
64 71.4 61.4 92.0
63 44.7 33.0 49.4

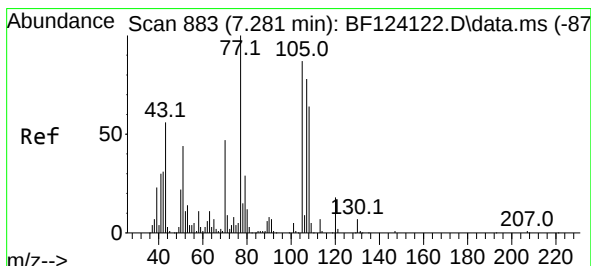
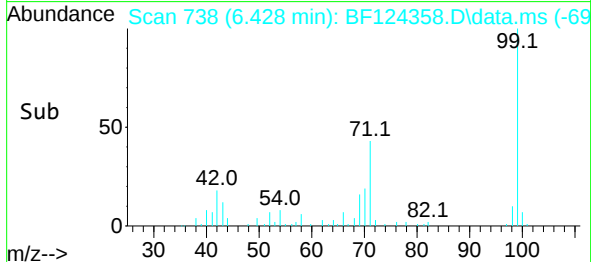
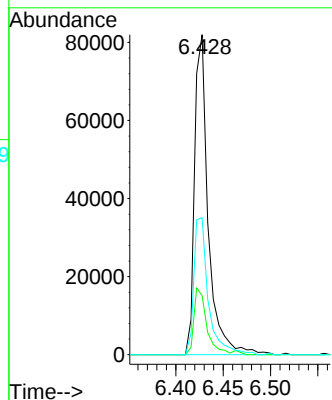
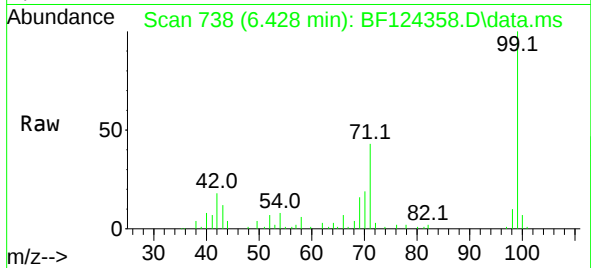




#7
Phenol-d6
Concen: 27.512 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.017 min
Lab File: BF124358.D
Acq: 17 Jun 2021 12:10

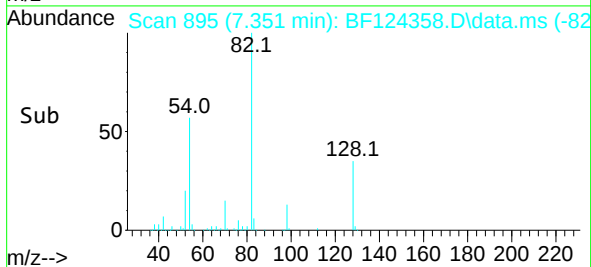
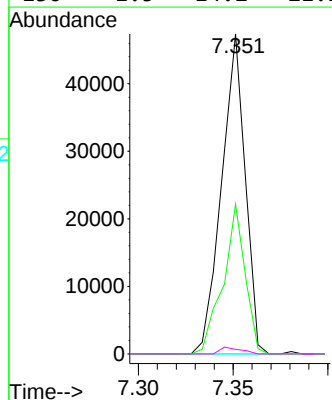
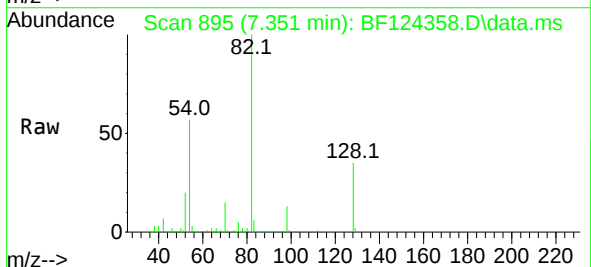
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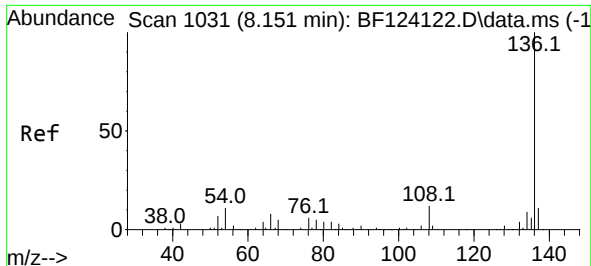
Tgt Ion: 99 Resp: 82634
Ion Ratio Lower Upper
99 100
42 18.4 19.8 29.8#
71 42.8 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 19.325 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF124358.D
Acq: 17 Jun 2021 12:10

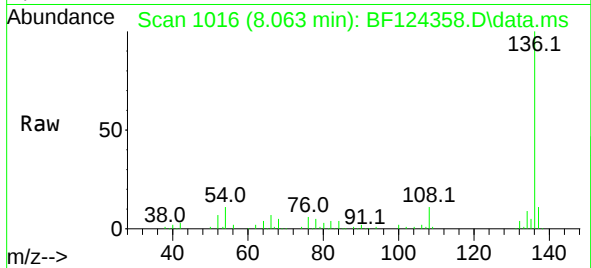
Tgt Ion: 70 Resp: 40974
Ion Ratio Lower Upper
70 100
42 46.8 60.1 90.1#
101 0.0 7.4 11.2#
130 1.5 14.2 21.2#



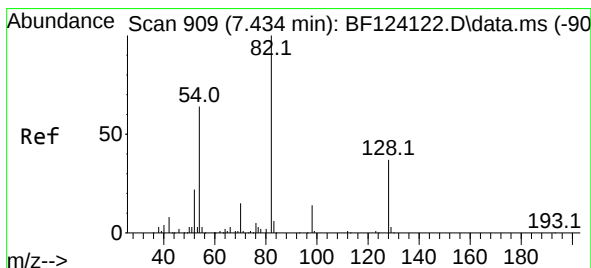
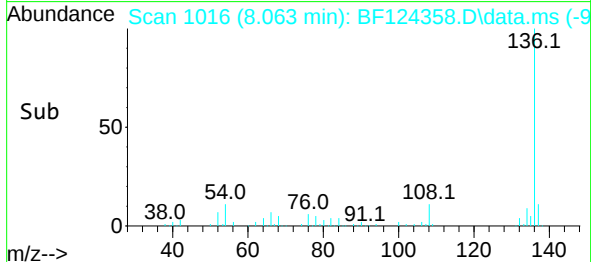
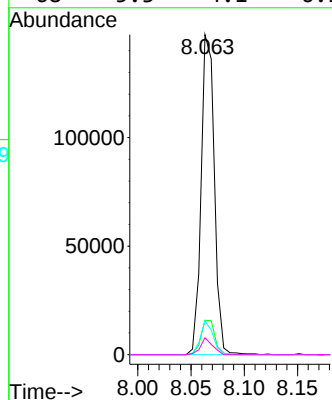


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF124358.D
Acq: 17 Jun 2021 12:10

Instrument :
BNA_F
ClientSampleId :
SPLP-AMND-COMP-G(CL-07)

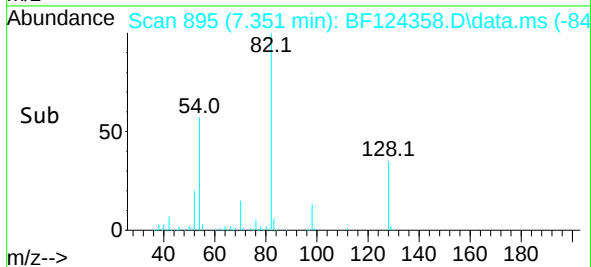
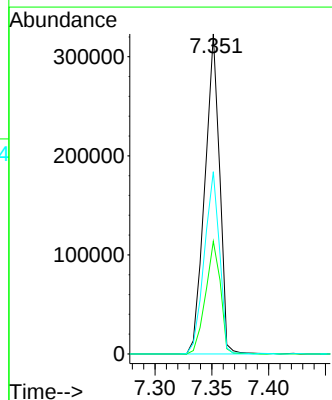
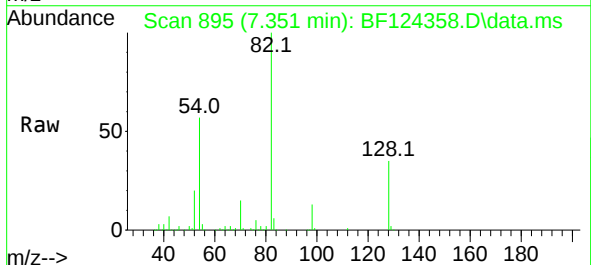


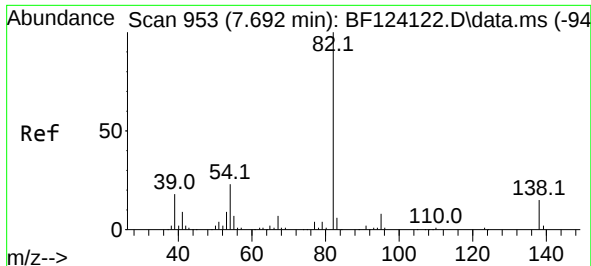
Tgt Ion:136 Resp: 127933
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 10.6 9.8 14.6
68 5.3 4.1 6.1



#23
Nitrobenzene-d5
Concen: 90.293 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF124358.D
Acq: 17 Jun 2021 12:10

Tgt Ion: 82 Resp: 291251
Ion Ratio Lower Upper
82 100
128 35.2 29.4 44.2
54 56.9 54.1 81.1

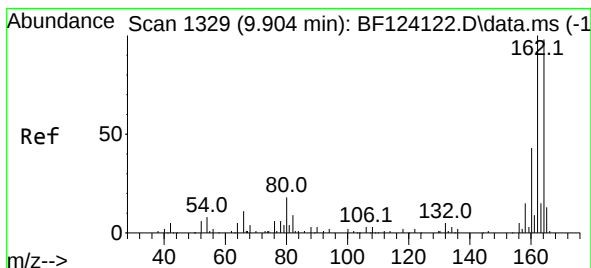
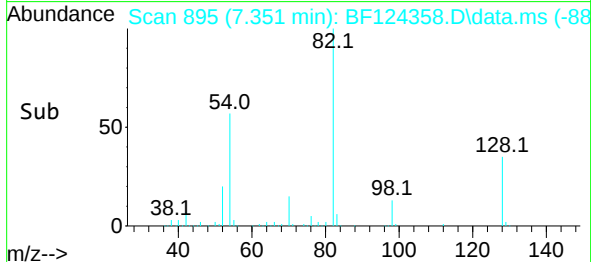
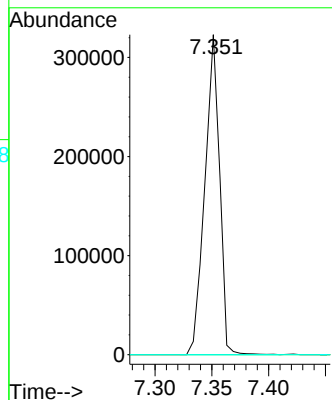
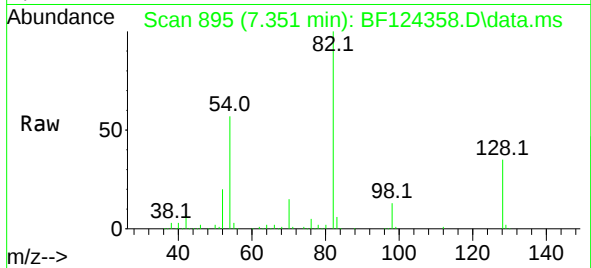




#25
Isophorone
Concen: 50.106 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.264 min
Lab File: BF124358.D
Acq: 17 Jun 2021 12:10

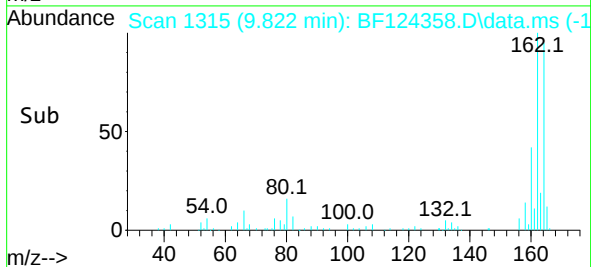
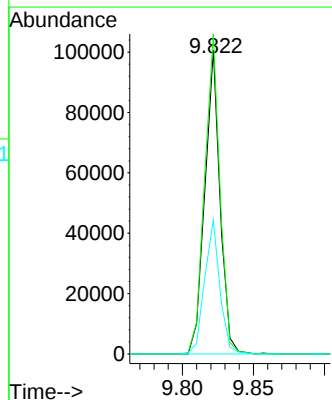
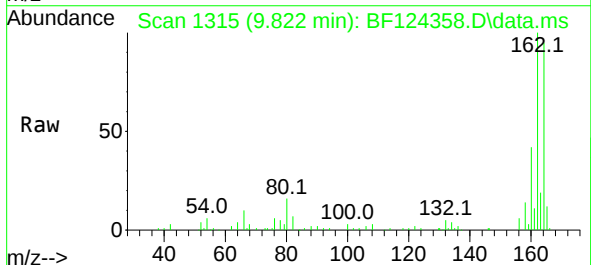
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ClientSampleId :
SPLP-AMND-COMP-G(CL-07)

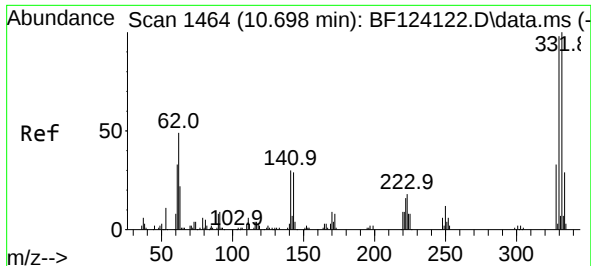
Tgt Ion: 82 Resp: 291251
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124358.D
Acq: 17 Jun 2021 12:10

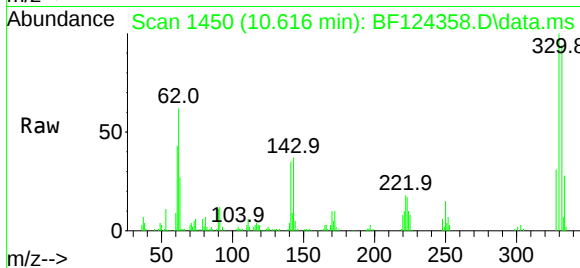
Tgt Ion:164 Resp: 74909
Ion Ratio Lower Upper
164 100
162 105.3 80.7 121.1
160 44.0 37.3 55.9



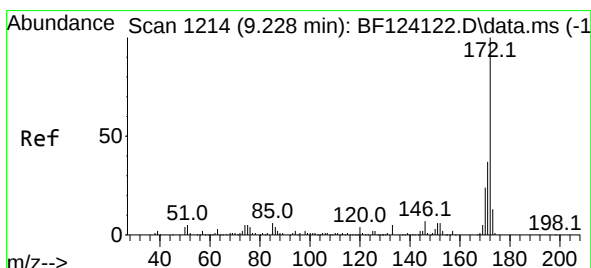
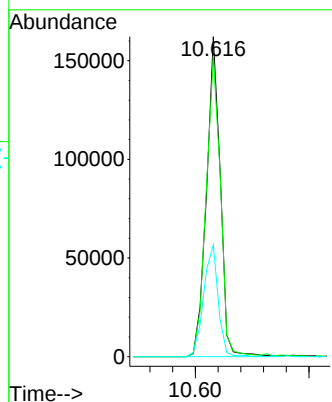
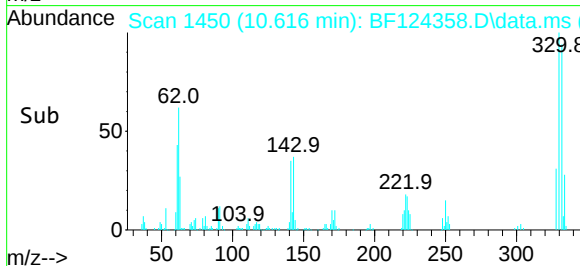


#42
2,4,6-Tribromophenol
Concen: 129.060 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124358.D
Acq: 17 Jun 2021 12:10

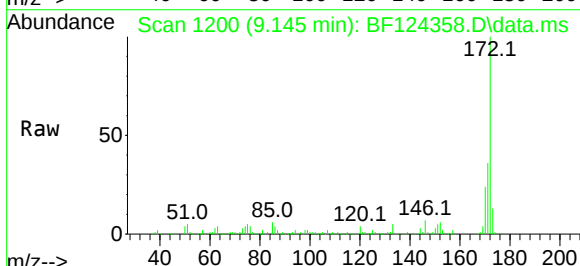
Instrument :
BNA_F
ClientSampleId :
SPLP-AMND-COMP-G(CL-07)



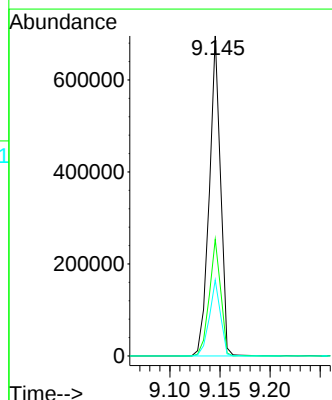
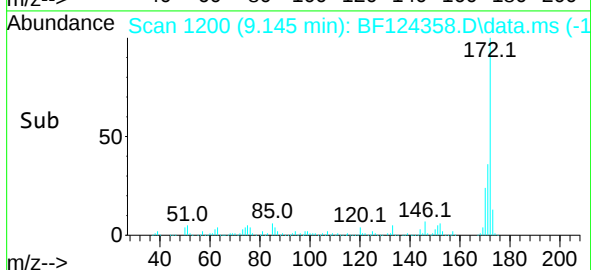
Tgt Ion:330 Resp: 136969
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 36.8 27.9 41.9

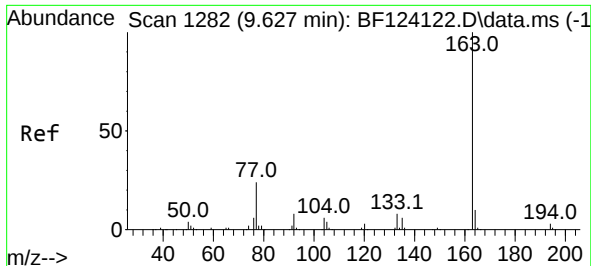


#45
2-Fluorobiphenyl
Concen: 91.649 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124358.D
Acq: 17 Jun 2021 12:10



Tgt Ion:172 Resp: 545573
Ion Ratio Lower Upper
172 100
171 36.4 28.1 42.1
170 23.8 19.2 28.8

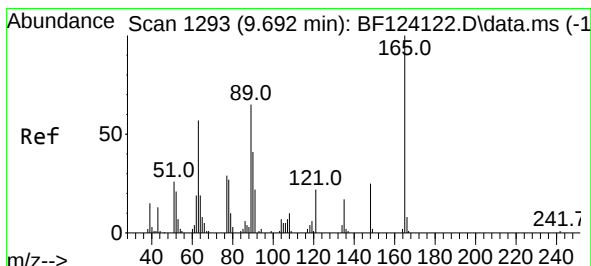
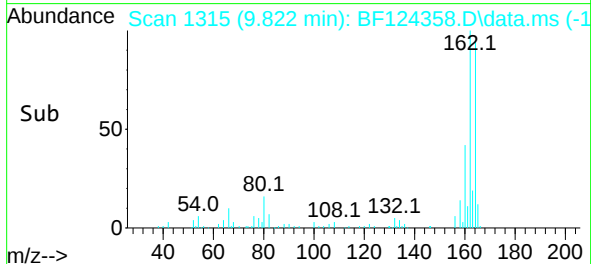
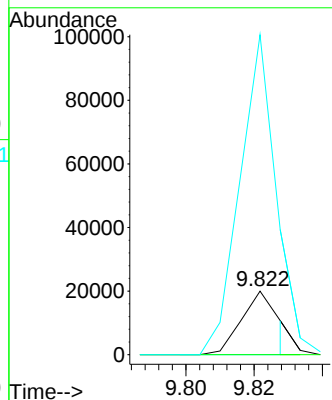
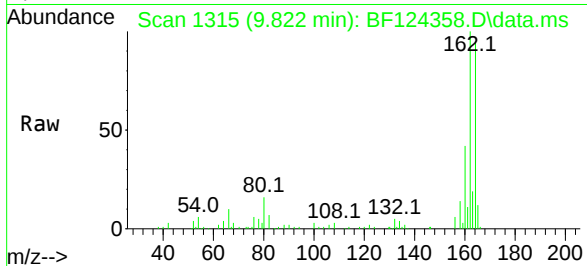




#50
Dimethylphthalate
Concen: 2.401 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF124358.D
Acq: 17 Jun 2021 12:10

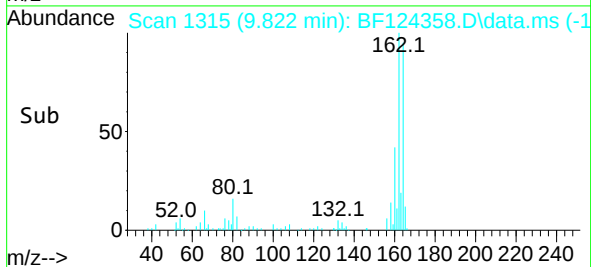
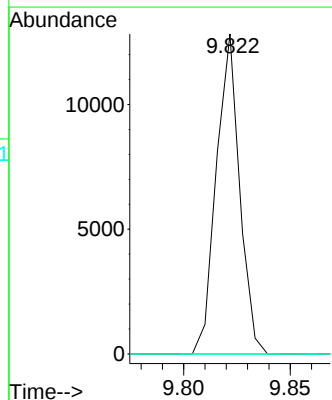
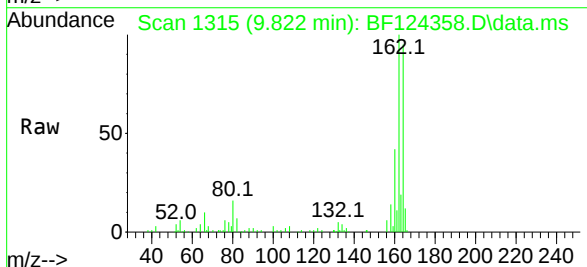
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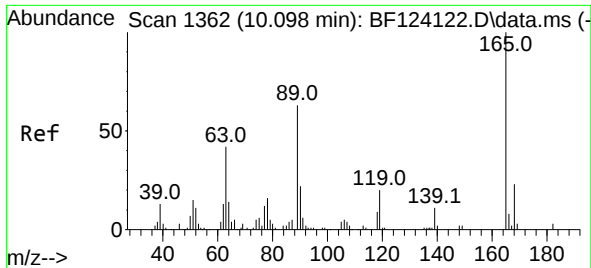
Tgt Ion:163 Resp: 14879
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 503.2 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 6.858 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF124358.D
Acq: 17 Jun 2021 12:10

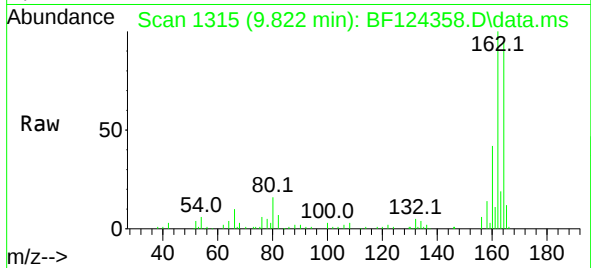
Tgt Ion:165 Resp: 9745
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 0.0 58.8 88.2#



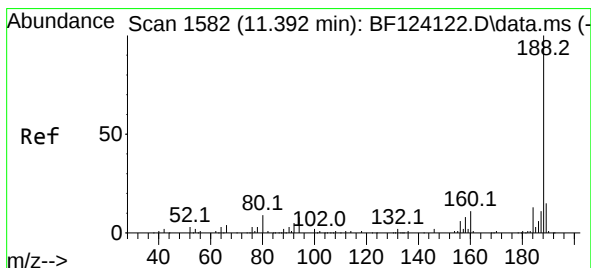
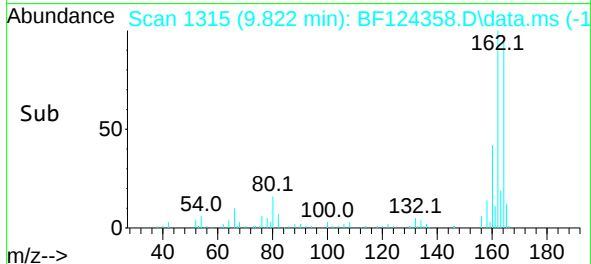
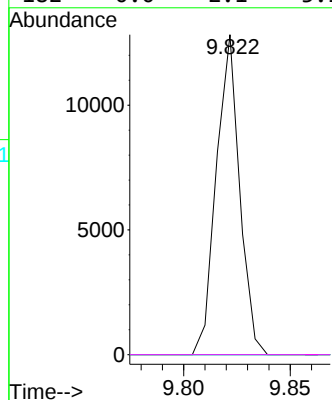


#57
2,4-Dinitrotoluene
Concen: 5.200 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF124358.D
Acq: 17 Jun 2021 12:10

Instrument :
BNA_F
ClientSampleId :
SPLP-AMND-COMP-G(CL-07)

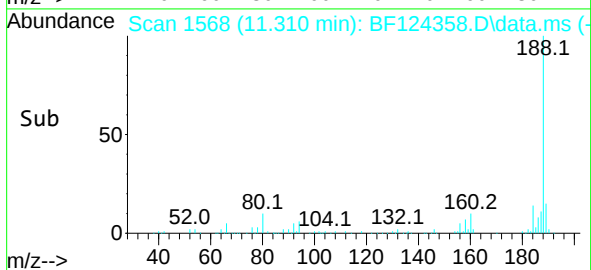
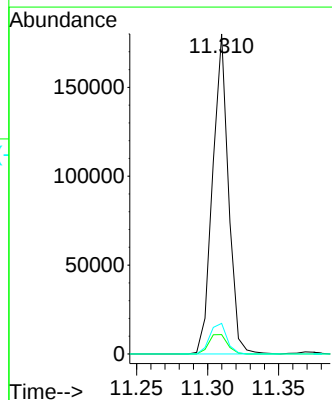
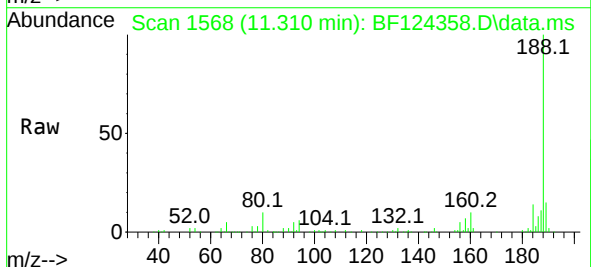


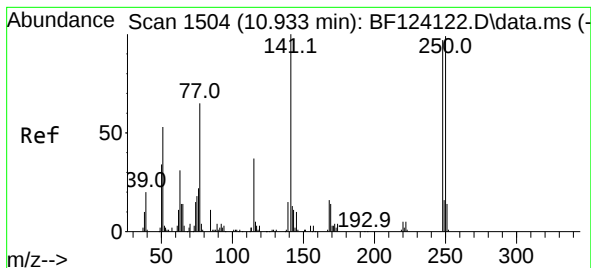
Tgt Ion:165 Resp: 9745
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124358.D
Acq: 17 Jun 2021 12:10

Tgt Ion:188 Resp: 139798
Ion Ratio Lower Upper
188 100
94 6.0 6.9 10.3#
80 9.6 8.2 12.2

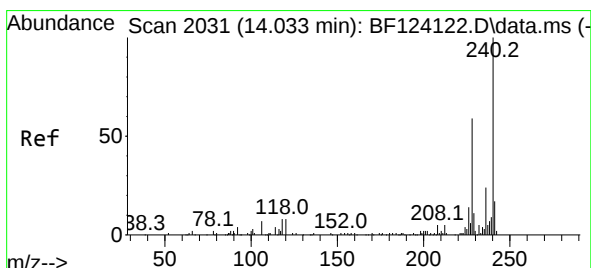
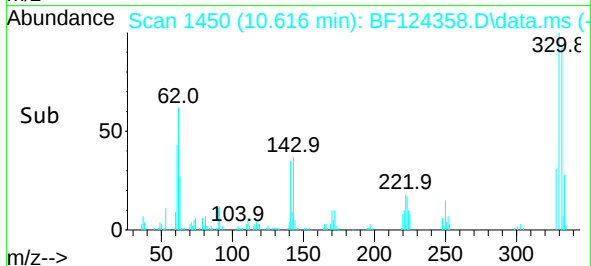
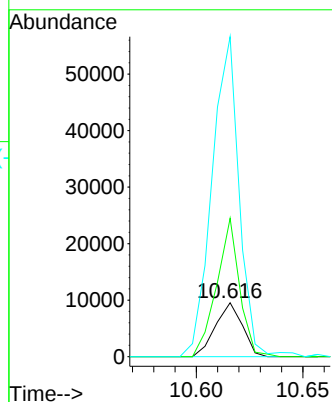
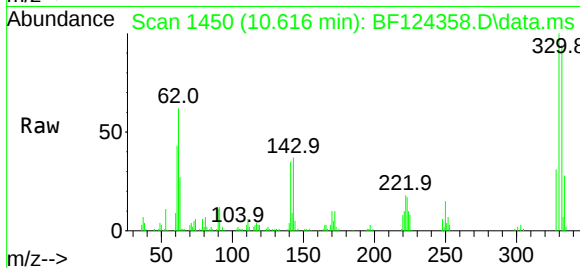




#67
4-Bromophenyl-phenylether
Concen: 4.363 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.247 min
Lab File: BF124358.D
Acq: 17 Jun 2021 12:10

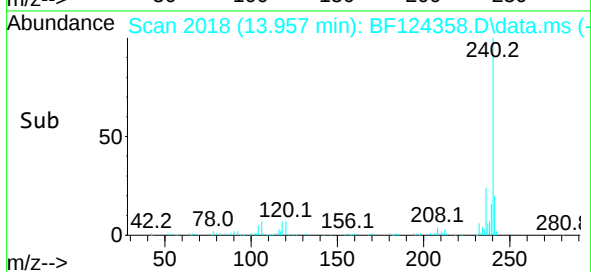
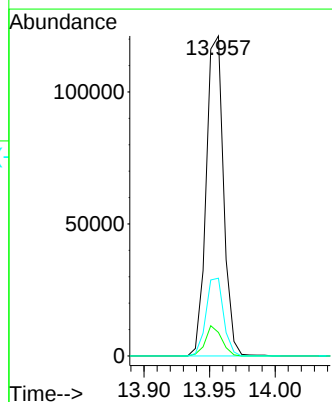
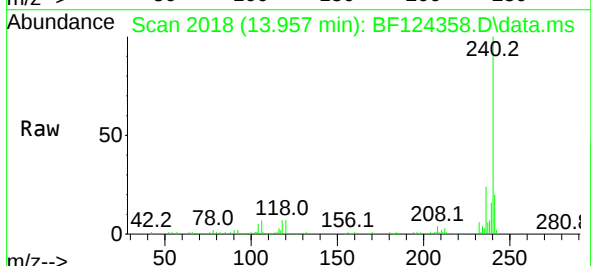
Instrument :
BNA_F
ClientSampleId :
SPLP-AMND-COMP-G(CL-07)

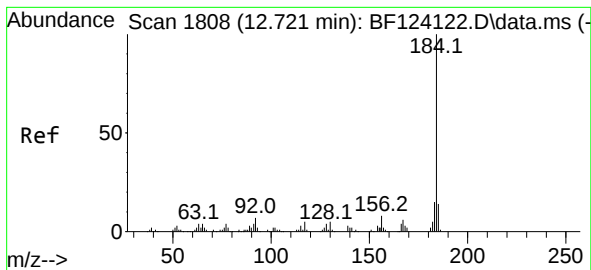
Tgt Ion:248 Resp: 8371
Ion Ratio Lower Upper
248 100
250 256.5 77.4 116.2#
141 593.1 63.7 95.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF124358.D
Acq: 17 Jun 2021 12:10

Tgt Ion:240 Resp: 111639
Ion Ratio Lower Upper
240 100
120 7.4 7.2 10.8
236 24.3 19.0 28.4





#77

Benzidine

Concen: 7.922 ng

RT: 12.898 min Scan# 1838

Delta R.T. 0.200 min

Lab File: BF124358.D

Acq: 17 Jun 2021 12:10

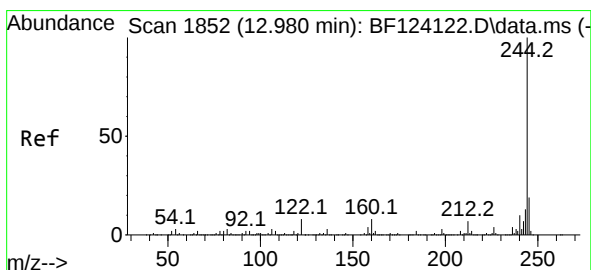
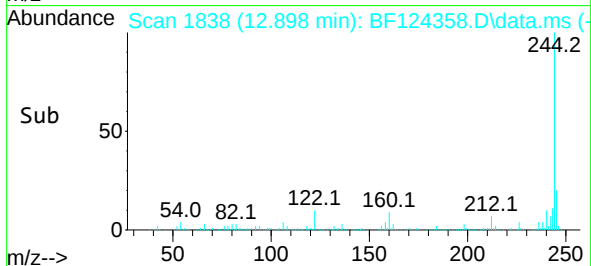
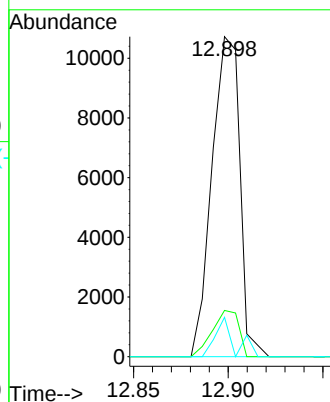
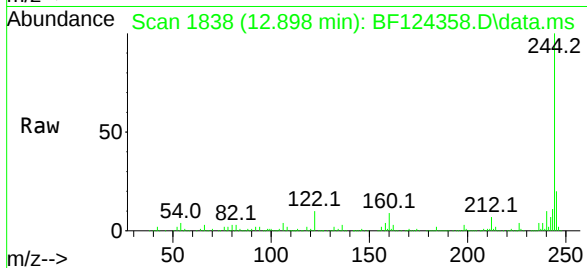
Tgt Ion:184 Resp: 10975

Ion Ratio Lower Upper

184 100

185 14.4 12.1 18.1

183 12.3 7.8 11.8#



#79

Terphenyl-d14

Concen: 79.163 ng

RT: 12.904 min Scan# 1839

Delta R.T. 0.000 min

Lab File: BF124358.D

Acq: 17 Jun 2021 12:10

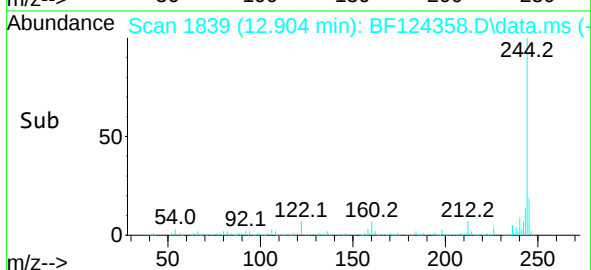
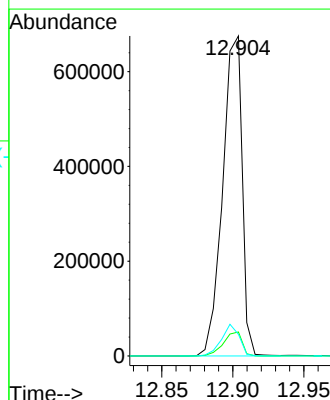
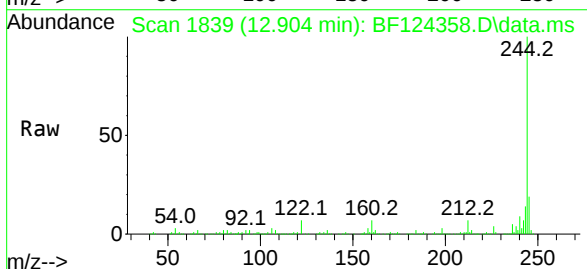
Tgt Ion:244 Resp: 643697

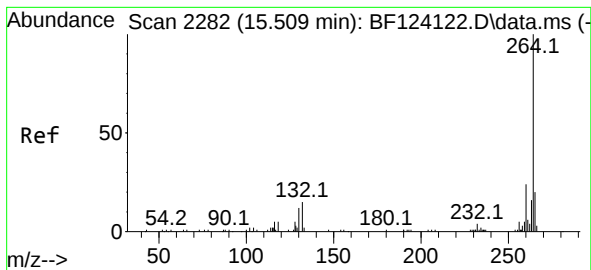
Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

122 6.7 9.7 14.5#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2265
 Delta R.T. -0.006 min
 Lab File: BF124358.D
 Acq: 17 Jun 2021 12:10

Instrument :
 BNA_F
ClientSampleId :
 SPLP-AMND-COMP-G(CL-07)

Tgt Ion:264 Resp: 86820
 Ion Ratio Lower Upper
 264 100
 260 27.0 18.7 28.1
 265 21.0 17.8 26.8

