

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080721\
 Data File : BF124976.D
 Acq On : 7 Aug 2021 16:01
 Operator : JU/CG
 Sample : PB138238BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB138238BL

Quant Time: Aug 07 18:05:39 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 06 11:27:24 2021
 Response via : Initial Calibration

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

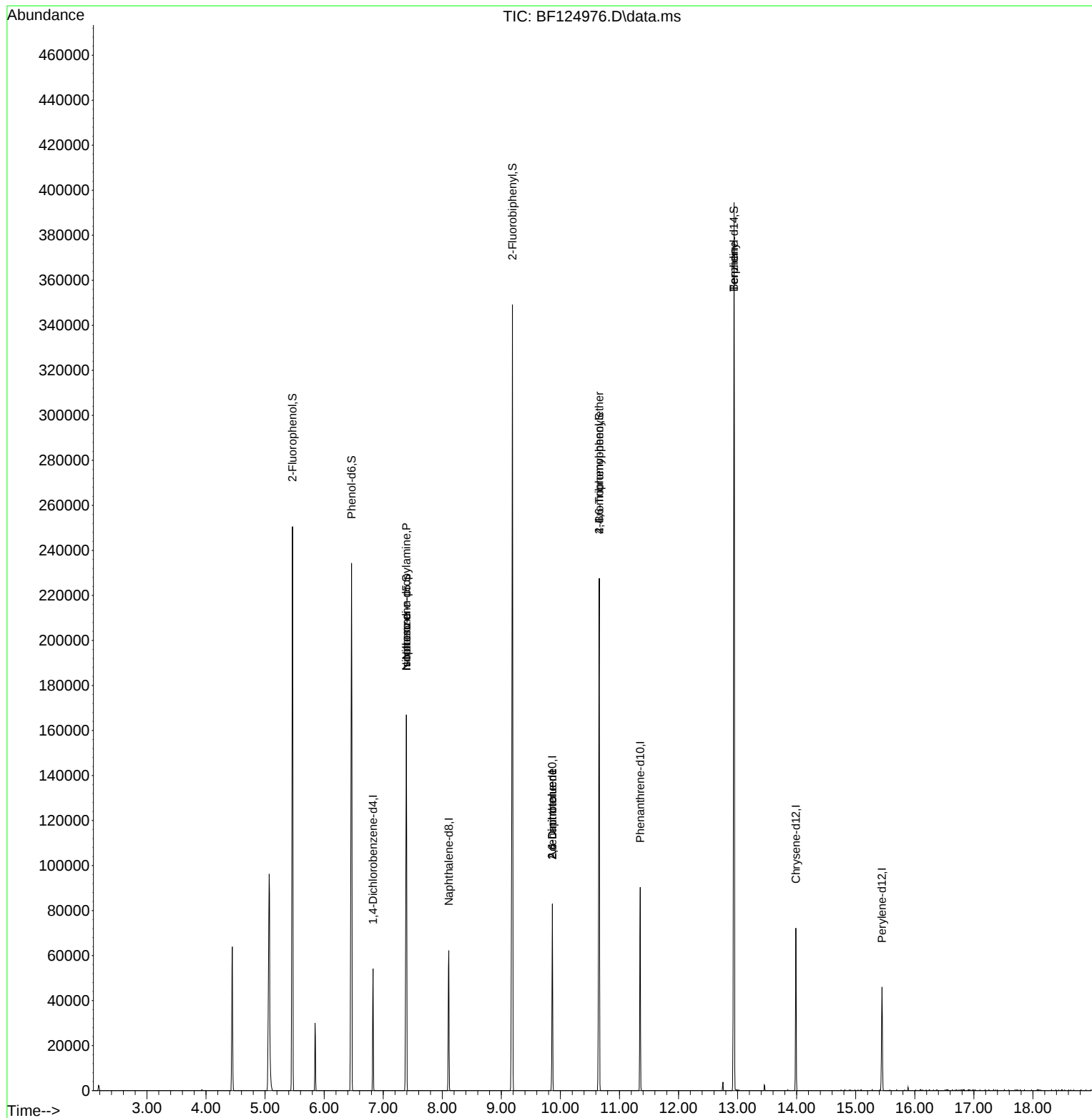
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	7650	20.000	ng	# 0.00
21) Naphthalene-d8	8.110	136	30888	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	17452	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	32110	20.000	ng	0.00
76) Chrysene-d12	13.986	240	24367	20.000	ng	0.00
86) Perylene-d12	15.445	264	21805	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	76429	163.659	ng	0.02
7) Phenol-d6	6.463	99	89989	152.820	ng	0.00
23) Nitrobenzene-d5	7.393	82	58581	99.214	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	24176	155.058	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	121813	102.132	ng	0.00
79) Terphenyl-d14	12.939	244	149947	103.802	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.393	70	7955	22.768	ng	# 65
25) Isophorone	7.393	82	58579	58.128	ng	# 59
51) 2,6-Dinitrotoluene	9.863	165	2253	8.555	ng	# 26
57) 2,4-Dinitrotoluene	9.863	165	2253	6.301	ng	# 18
67) 4-Bromophenyl-phenylether	10.657	248	1795	5.104	ng	# 1
77) Benzidine	12.939	184	2183	3.348	ng	# 69

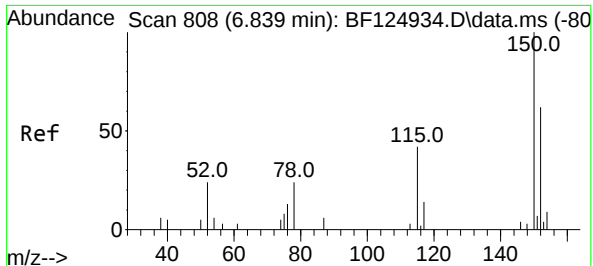
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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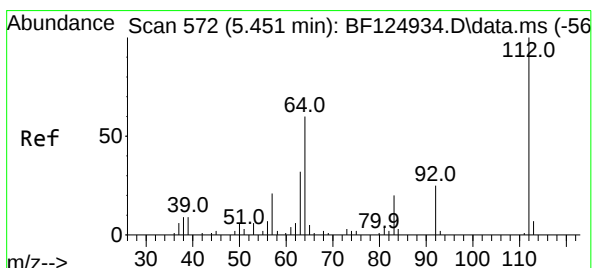
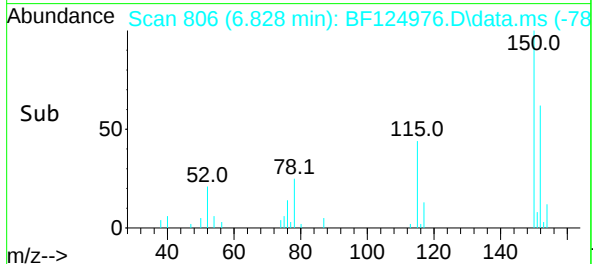
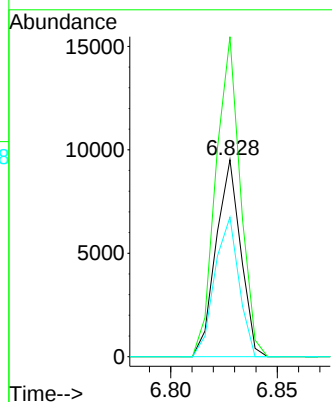
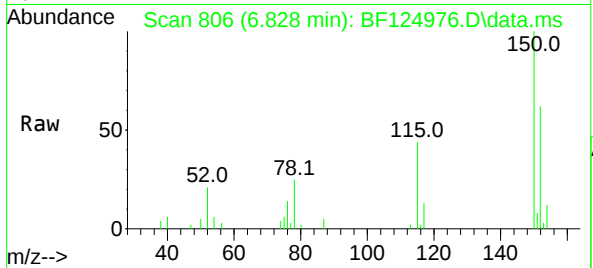




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF124976.D
Acq: 7 Aug 2021 16:01

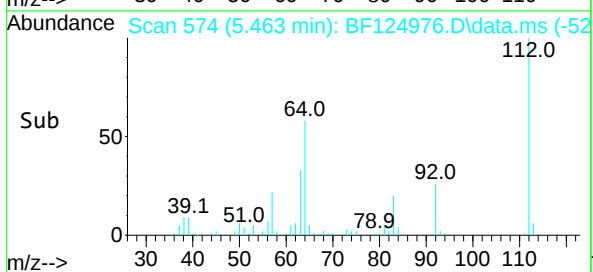
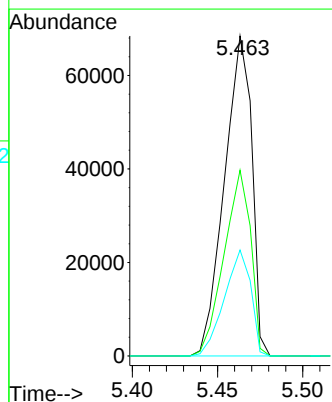
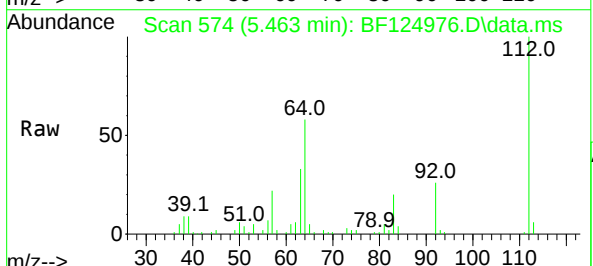
Instrument :
BNA_F
ClientSampleId :
PB138238BL

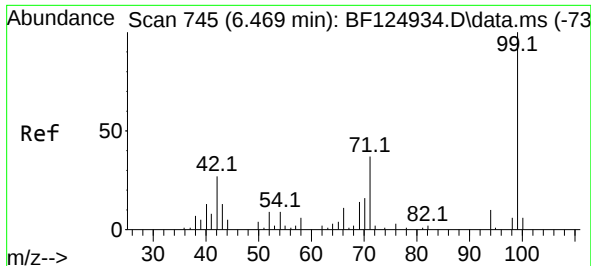
Tgt Ion:152 Resp: 7650
Ion Ratio Lower Upper
152 100
150 162.5 117.6 176.4
115 70.9 47.1 70.7#



#5
2-Fluorophenol
Concen: 163.659 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.018 min
Lab File: BF124976.D
Acq: 7 Aug 2021 16:01

Tgt Ion:112 Resp: 76429
Ion Ratio Lower Upper
112 100
64 58.0 44.2 66.2
63 33.1 26.2 39.2

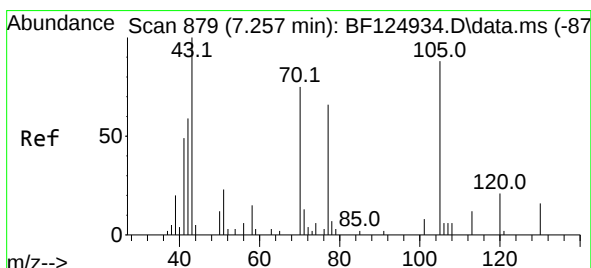
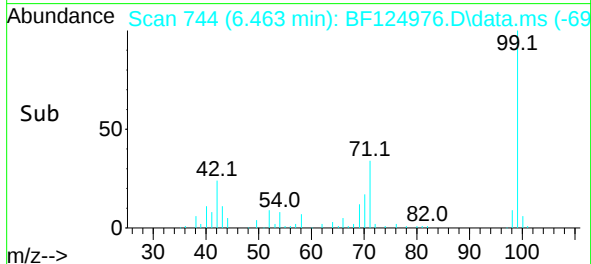
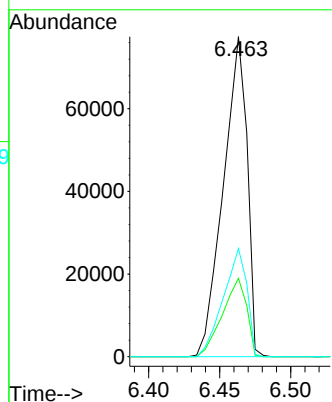
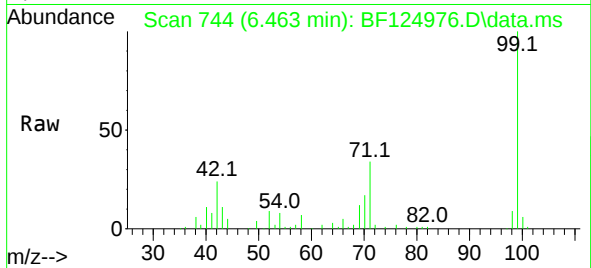




#7
Phenol-d6
Concen: 152.820 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF124976.D
Acq: 7 Aug 2021 16:01

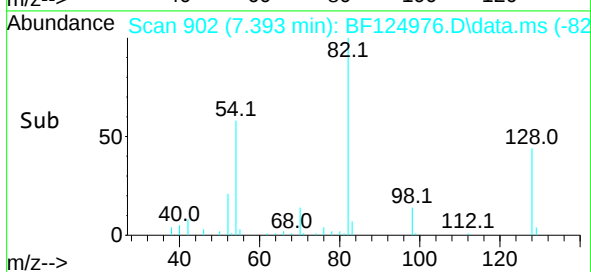
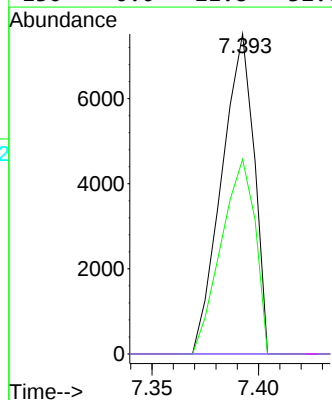
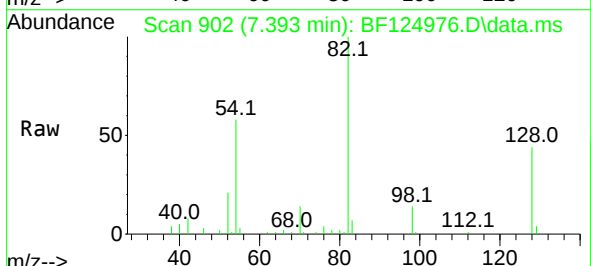
Instrument :
BNA_F
ClientSampled :
PB138238BL

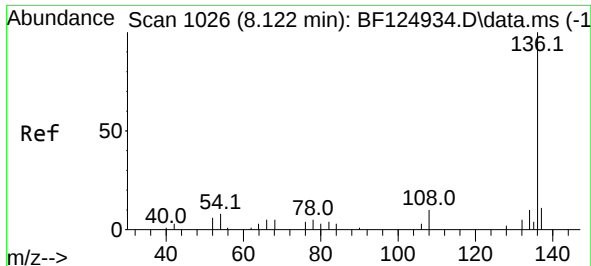
Tgt Ion: 99 Resp: 89989
Ion Ratio Lower Upper
99 100
42 24.5 23.5 35.3
71 33.8 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 22.768 ng
RT: 7.393 min Scan# 902
Delta R.T. 0.147 min
Lab File: BF124976.D
Acq: 7 Aug 2021 16:01

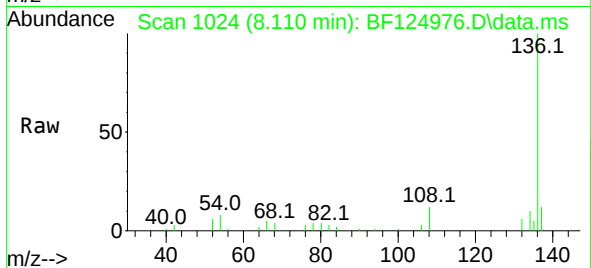
Tgt Ion: 70 Resp: 7955
Ion Ratio Lower Upper
70 100
42 60.8 72.2 108.2#
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#





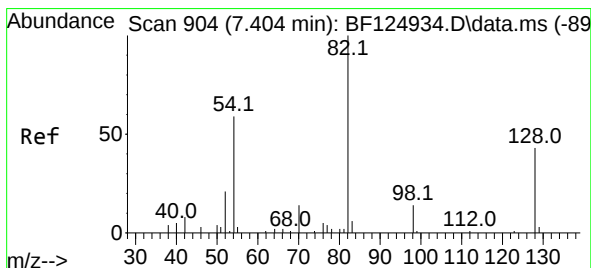
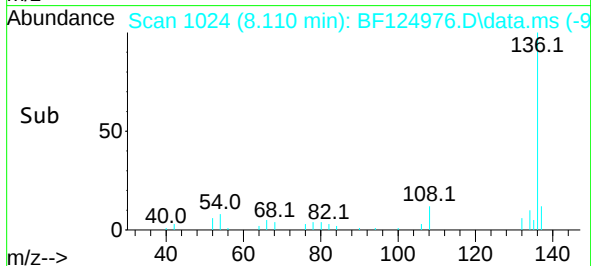
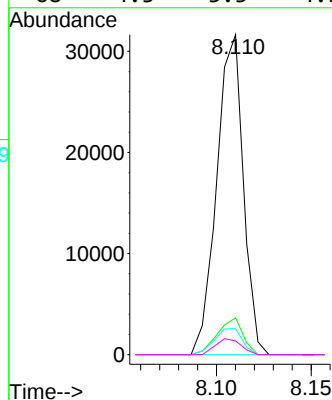
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF124976.D
Acq: 7 Aug 2021 16:01

Instrument :
BNA_F
ClientSampleId :
PB138238BL



Tgt Ion:136 Resp: 30888

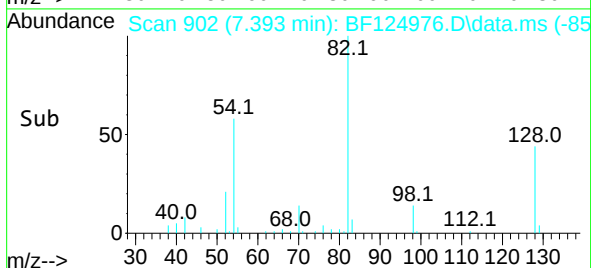
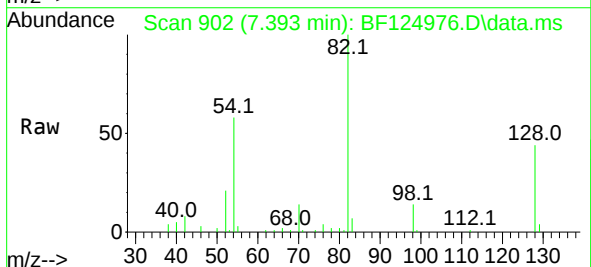
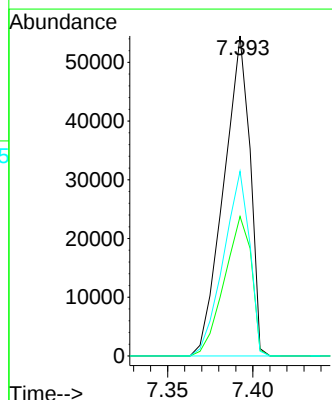
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.8	14.6
54	8.1	6.4	9.6
68	4.3	3.3	4.9

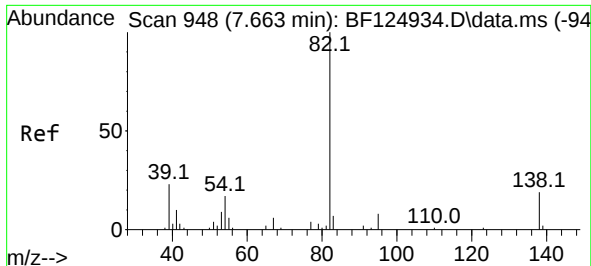


#23
Nitrobenzene-d5
Concen: 99.214 ng
RT: 7.393 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF124976.D
Acq: 7 Aug 2021 16:01

Tgt Ion: 82 Resp: 58581

Ion	Ratio	Lower	Upper
82	100		
128	43.6	40.6	60.8
54	57.7	49.6	74.4

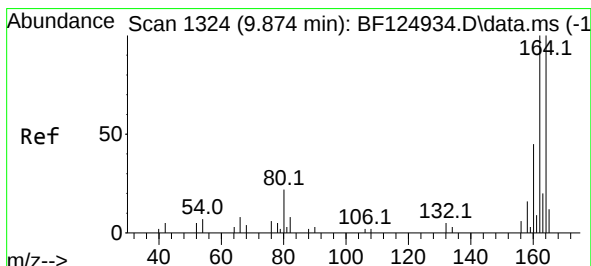
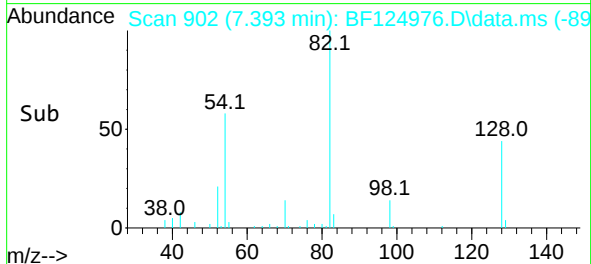
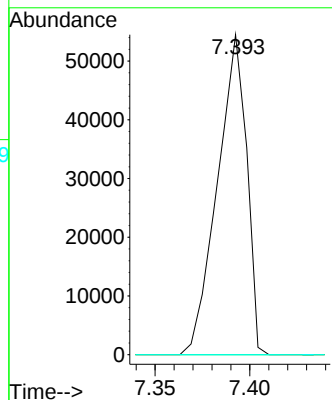
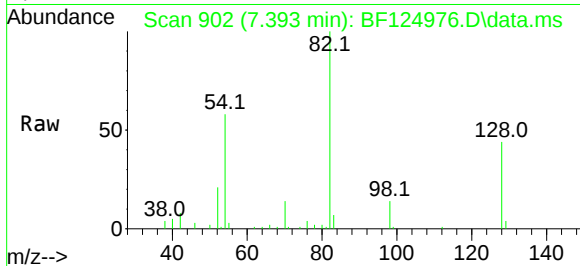




#25
Isophorone
Concen: 58.128 ng
RT: 7.393 min Scan# 902
Delta R.T. -0.264 min
Lab File: BF124976.D
Acq: 7 Aug 2021 16:01

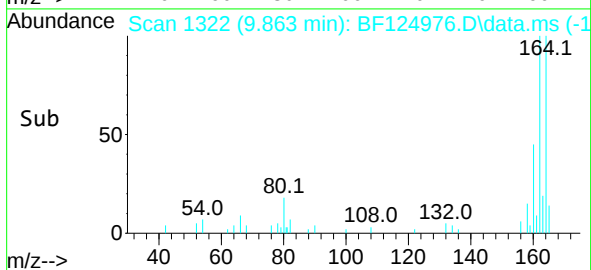
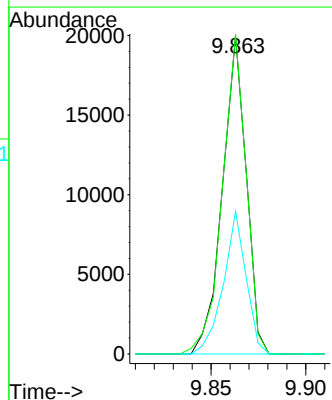
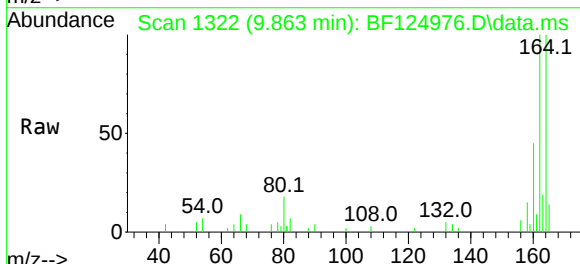
Instrument :
BNA_F
ClientSampleId :
PB138238BL

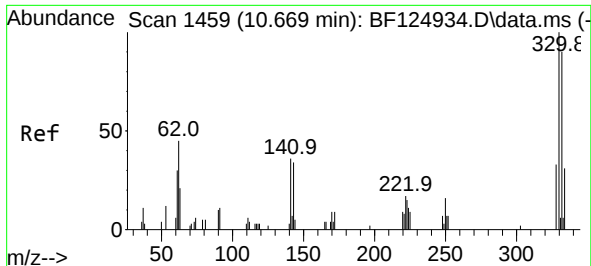
Tgt Ion: 82 Resp: 58579
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF124976.D
Acq: 7 Aug 2021 16:01

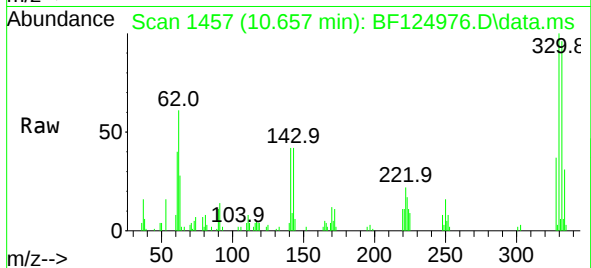
Tgt Ion:164 Resp: 17452
Ion Ratio Lower Upper
164 100
162 100.5 81.3 121.9
160 44.8 38.0 57.0



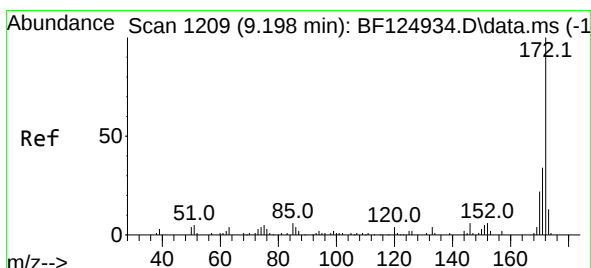
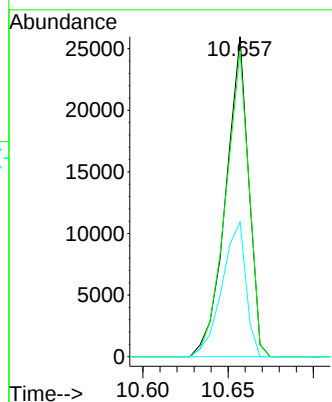
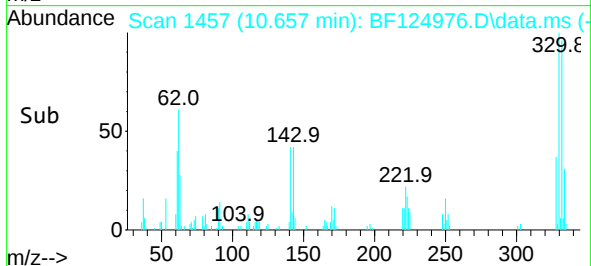


#42
2,4,6-Tribromophenol
Concen: 155.058 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.000 min
Lab File: BF124976.D
Acq: 7 Aug 2021 16:01

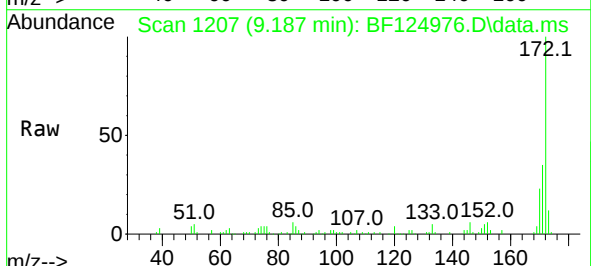
Instrument :
BNA_F
ClientSampleId :
PB138238BL



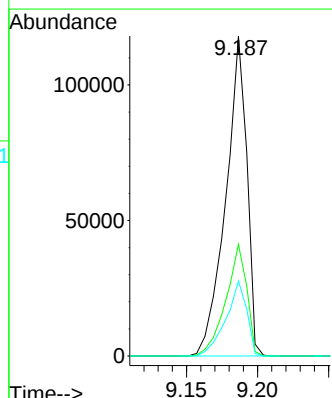
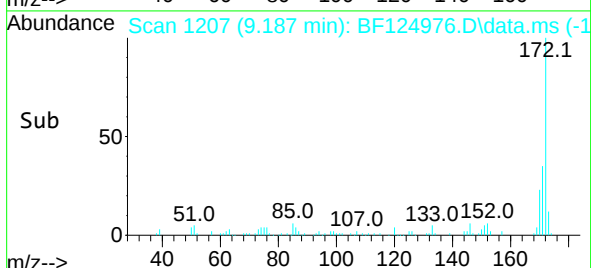
Tgt Ion:330 Resp: 24176
Ion Ratio Lower Upper
330 100
332 97.6 76.2 114.4
141 44.0 44.6 66.8#

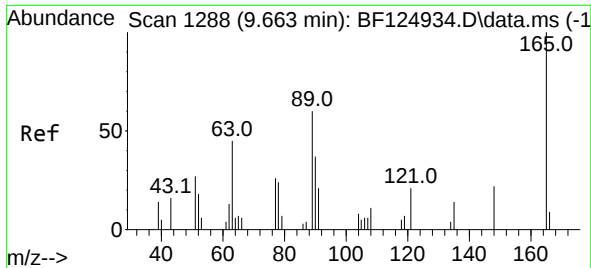


#45
2-Fluorobiphenyl
Concen: 102.132 ng
RT: 9.187 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF124976.D
Acq: 7 Aug 2021 16:01



Tgt Ion:172 Resp: 121813
Ion Ratio Lower Upper
172 100
171 34.9 26.5 39.7
170 23.4 18.8 28.2

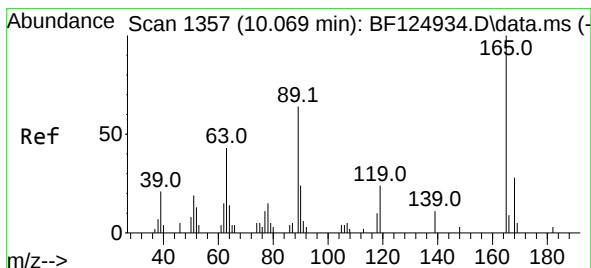
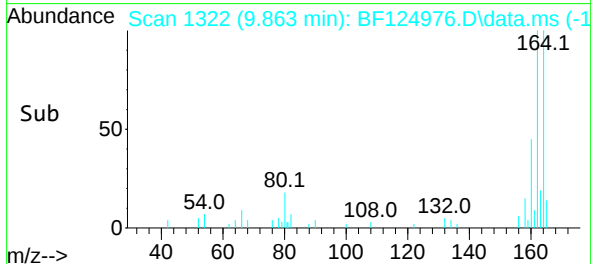
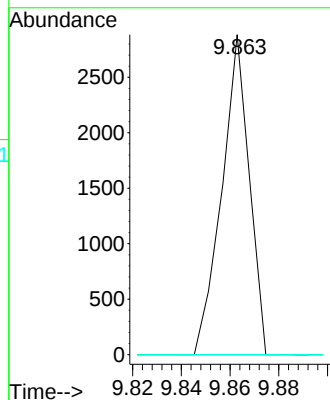
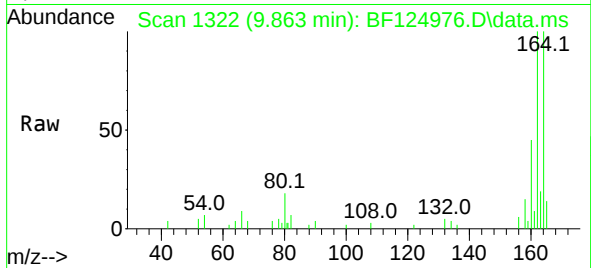




#51
2,6-Dinitrotoluene
Concen: 8.555 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.206 min
Lab File: BF124976.D
Acq: 7 Aug 2021 16:01

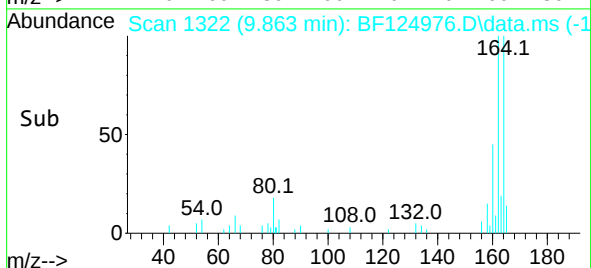
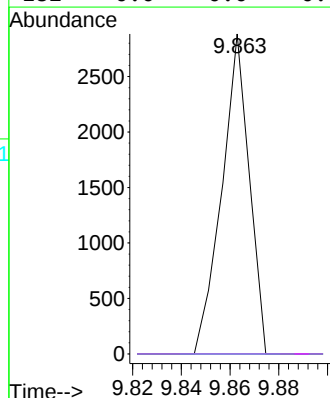
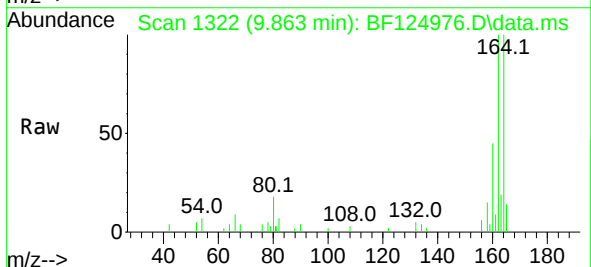
Instrument :
BNA_F
ClientSampled :
PB138238BL

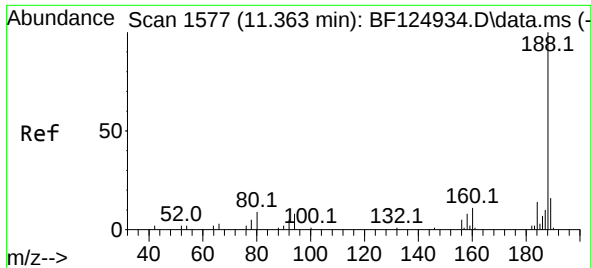
Tgt Ion:165 Resp: 2253
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.301 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.194 min
Lab File: BF124976.D
Acq: 7 Aug 2021 16:01

Tgt Ion:165 Resp: 2253
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

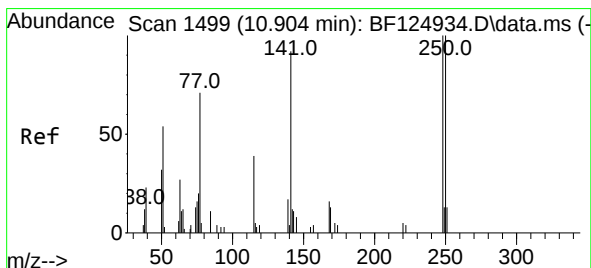
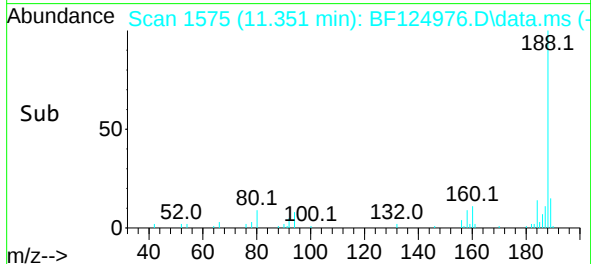
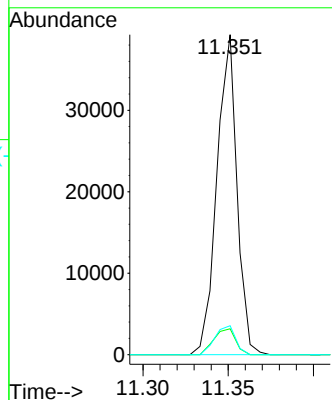
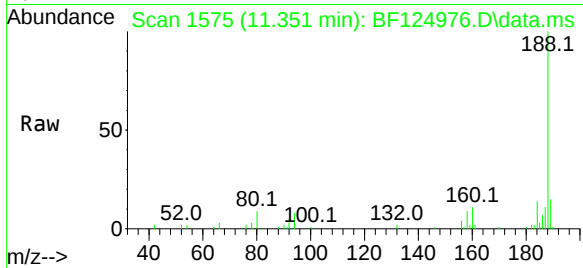




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF124976.D
Acq: 7 Aug 2021 16:01

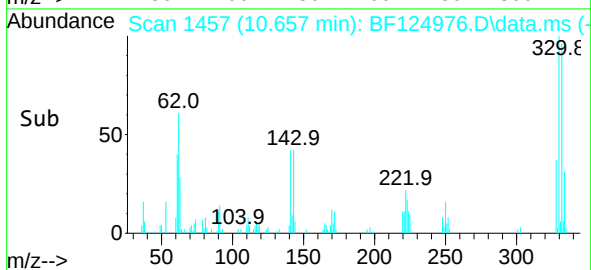
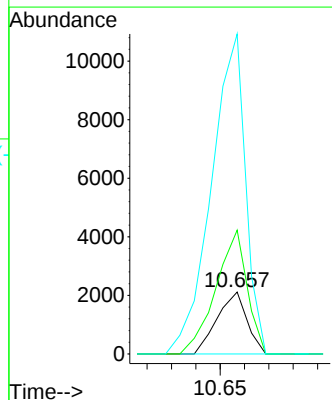
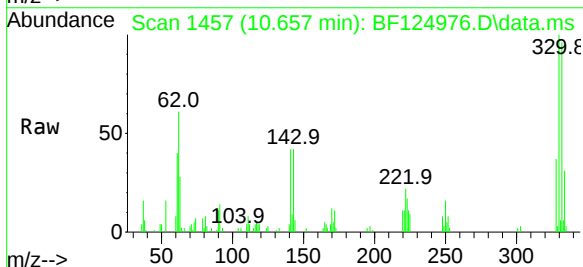
Instrument :
BNA_F
ClientSampleId :
PB138238BL

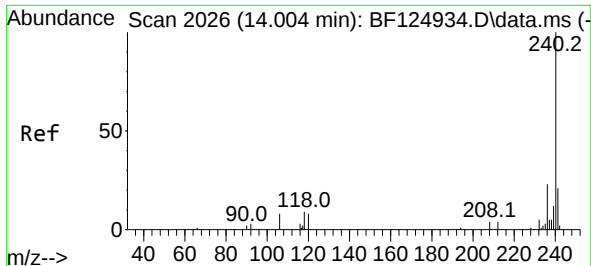
Tgt Ion:188 Resp: 32110
Ion Ratio Lower Upper
188 100
94 8.1 6.7 10.1
80 9.0 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 5.104 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.241 min
Lab File: BF124976.D
Acq: 7 Aug 2021 16:01

Tgt Ion:248 Resp: 1795
Ion Ratio Lower Upper
248 100
250 199.9 74.2 111.4#
141 516.4 60.4 90.6#

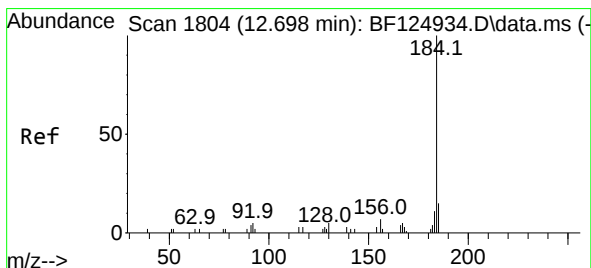
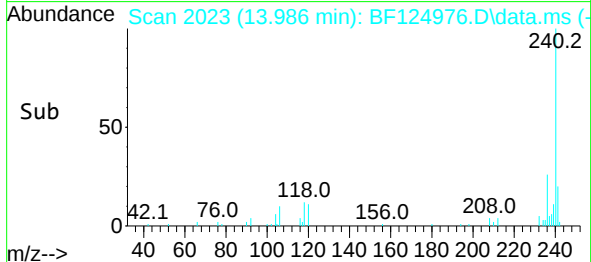
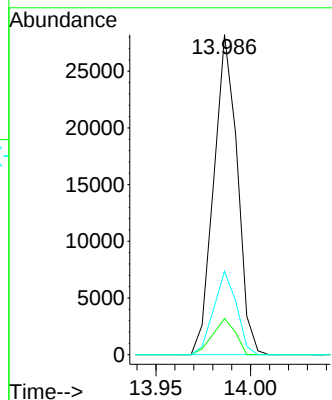
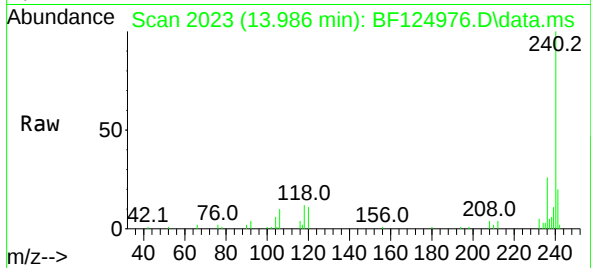




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF124976.D
Acq: 7 Aug 2021 16:01

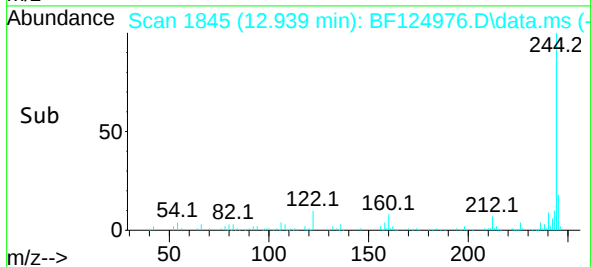
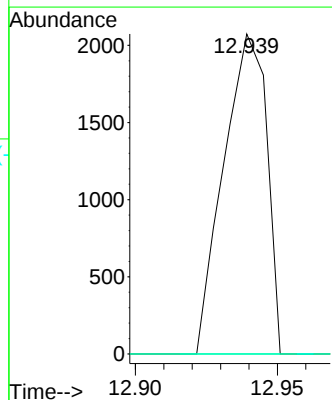
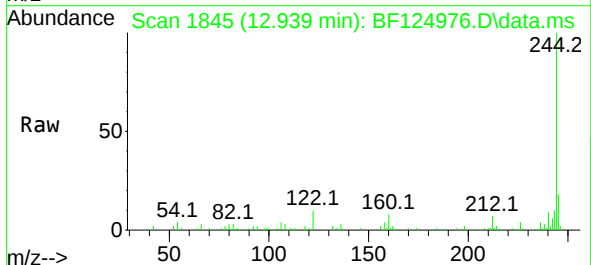
Instrument :
BNA_F
ClientSampleId :
PB138238BL

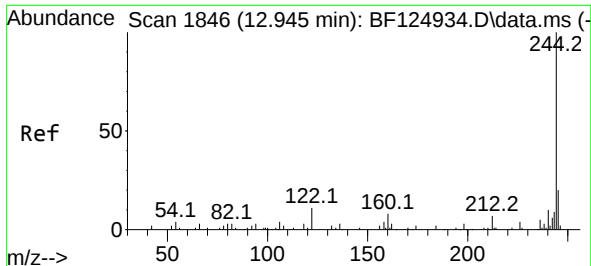
Tgt Ion:240 Resp: 24367
Ion Ratio Lower Upper
240 100
120 11.3 10.8 16.2
236 26.0 21.6 32.4



#77
Benzidine
Concen: 3.348 ng
RT: 12.939 min Scan# 1845
Delta R.T. 0.253 min
Lab File: BF124976.D
Acq: 7 Aug 2021 16:01

Tgt Ion:184 Resp: 2183
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#

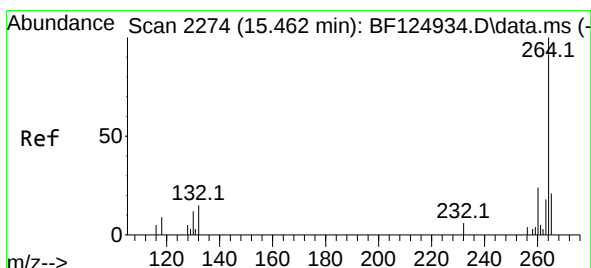
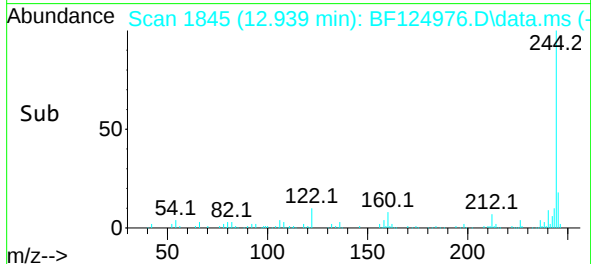
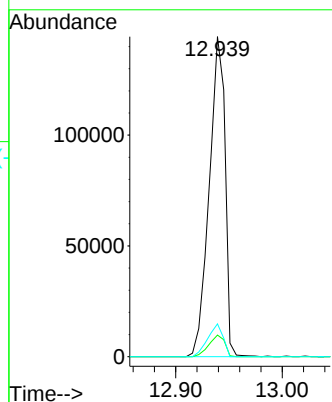
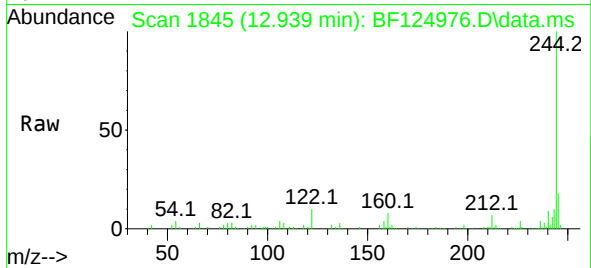




#79
Terphenyl-d14
Concen: 103.802 ng
RT: 12.939 min Scan# 1845
Delta R.T. 0.000 min
Lab File: BF124976.D
Acq: 7 Aug 2021 16:01

Instrument :
BNA_F
ClientSampleId :
PB138238BL

Tgt Ion:244 Resp: 149947
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 10.3 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF124976.D
Acq: 7 Aug 2021 16:01

Tgt Ion:264 Resp: 21805
Ion Ratio Lower Upper
264 100
260 21.9 19.6 29.4
265 21.7 17.2 25.8

