

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080721\
 Data File : BF124967.D
 Acq On : 7 Aug 2021 10:29
 Operator : JU/CG
 Sample : PB138219BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB138219BL

Quant Time: Aug 07 11:07:28 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)

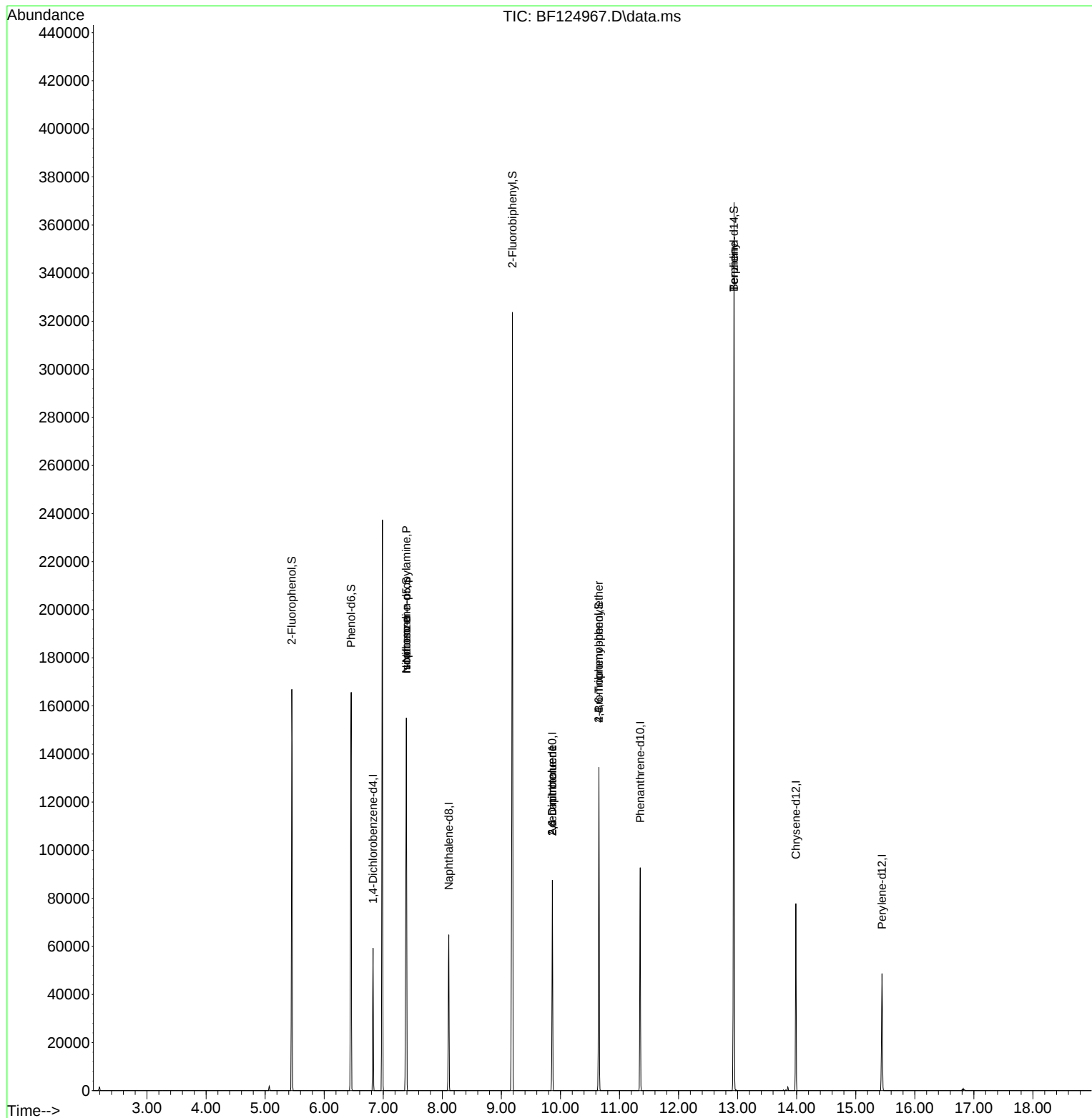
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	8528	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	32032	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	18163	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	33774	20.000	ng	0.00
76) Chrysene-d12	13.986	240	25386	20.000	ng	0.00
86) Perylene-d12	15.445	264	23102	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	45196	86.815	ng	0.00
7) Phenol-d6	6.457	99	54108	82.426	ng	0.00
23) Nitrobenzene-d5	7.392	82	53954	88.114	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	13088	80.657	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	111181	89.569	ng	0.00
79) Terphenyl-d14	12.939	244	134952	89.671	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.392	70	7387	18.965	ng	# 64
25) Isophorone	7.392	82	53954	51.627	ng	# 59
51) 2,6-Dinitrotoluene	9.863	165	2137	7.797	ng	# 26
57) 2,4-Dinitrotoluene	9.863	165	2137	5.743	ng	# 18
67) 4-Bromophenyl-phenylether	10.651	248	1041	2.814	ng	# 1
77) Benzidine	12.939	184	1730	2.547	ng	# 69

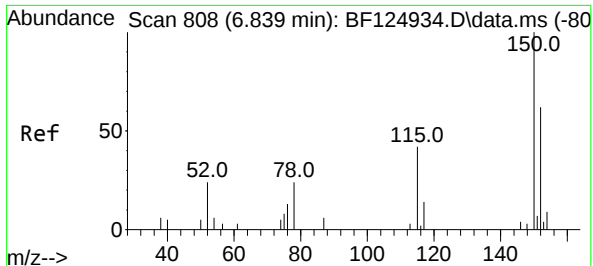
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080721\
Data File : BF124967.D
Acq On : 7 Aug 2021 10:29
Operator : JU/CG
Sample : PB138219BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB138219BL

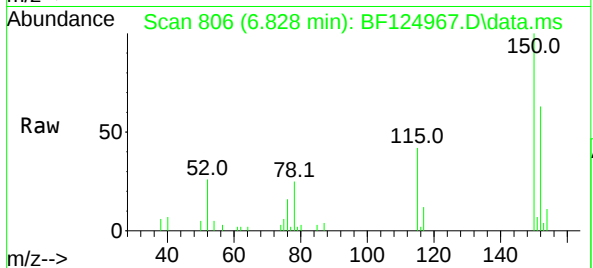
Quant Time: Aug 07 11:07:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 06 11:27:24 2021
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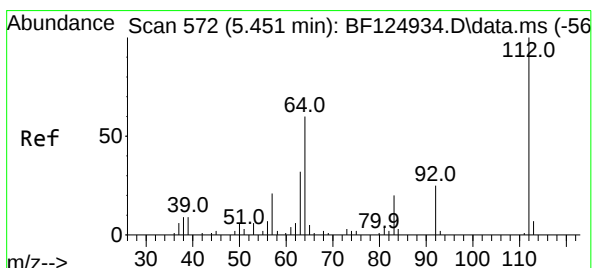
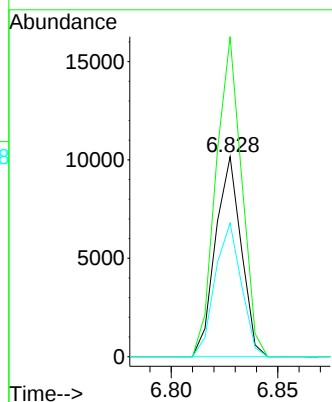
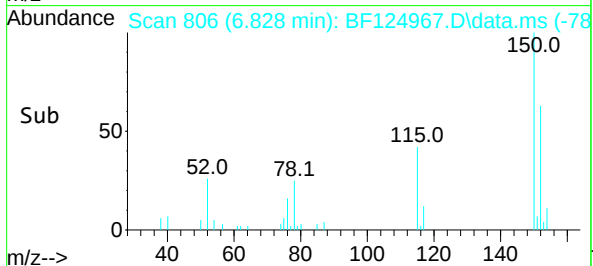


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF124967.D
Acq: 7 Aug 2021 10:29

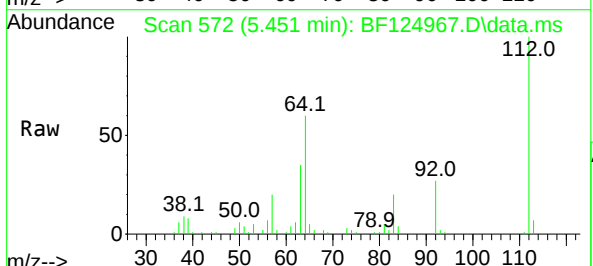
Instrument :
BNA_F
ClientSampleID :
PB138219BL



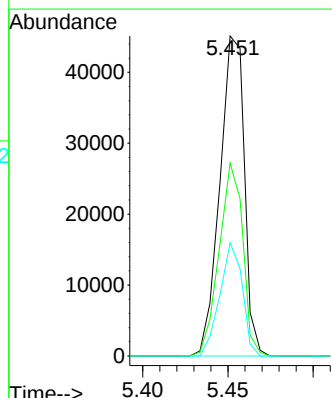
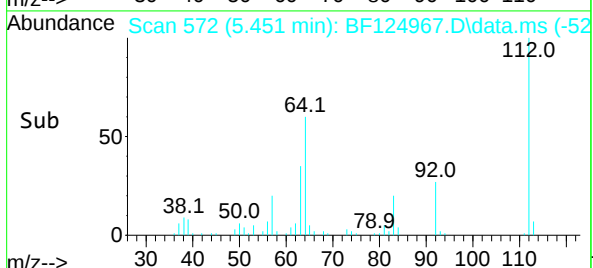
Tgt Ion:152 Resp: 8528
Ion Ratio Lower Upper
152 100
150 160.0 117.6 176.4
115 66.8 47.1 70.7

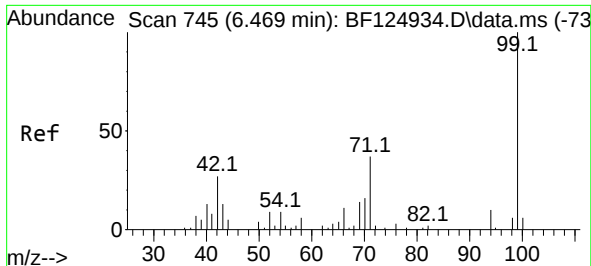


#5
2-Fluorophenol
Concen: 86.815 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.006 min
Lab File: BF124967.D
Acq: 7 Aug 2021 10:29



Tgt Ion:112 Resp: 45196
Ion Ratio Lower Upper
112 100
64 60.3 44.2 66.2
63 35.4 26.2 39.2

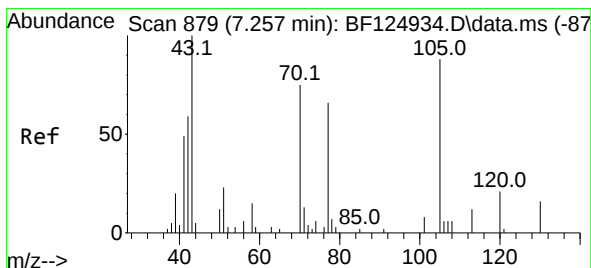
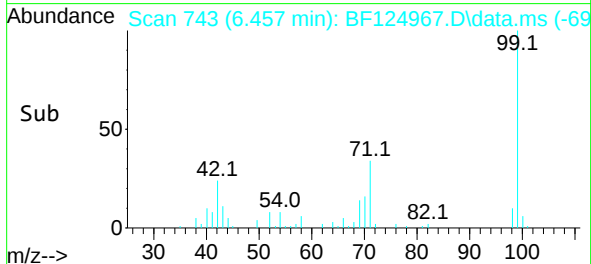
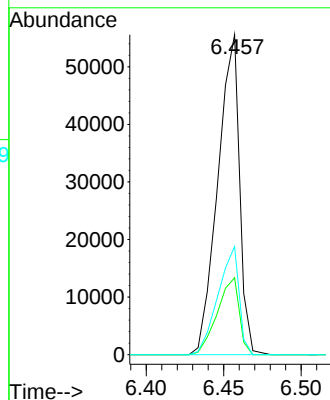
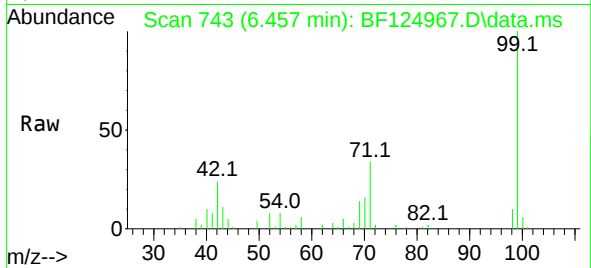




#7
Phenol-d6
Concen: 82.426 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF124967.D
Acq: 7 Aug 2021 10:29

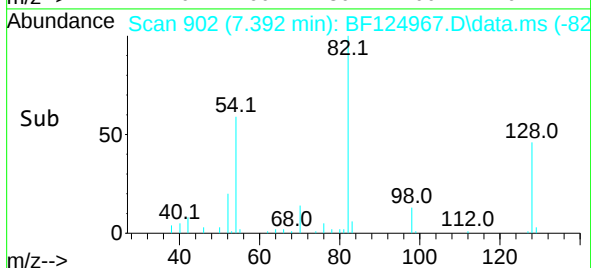
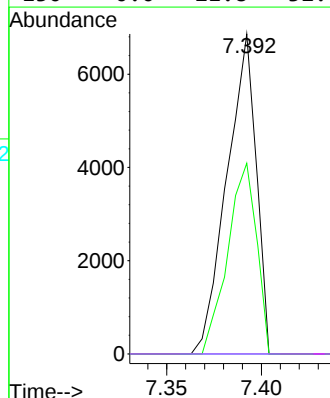
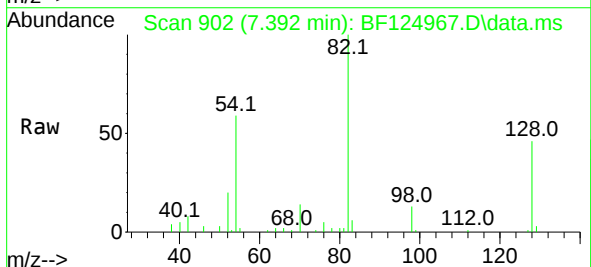
Instrument :
BNA_F
ClientSampled :
PB138219BL

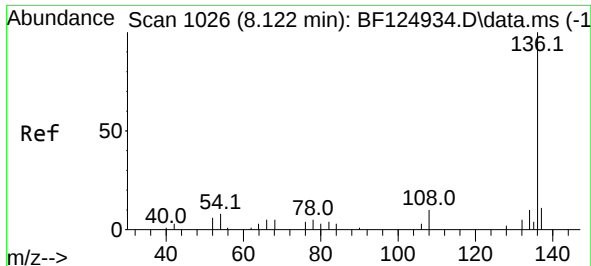
Tgt Ion: 99 Resp: 54108
Ion Ratio Lower Upper
99 100
42 24.0 23.5 35.3
71 33.8 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 18.965 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.147 min
Lab File: BF124967.D
Acq: 7 Aug 2021 10:29

Tgt Ion: 70 Resp: 7387
Ion Ratio Lower Upper
70 100
42 59.6 72.2 108.2#
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#



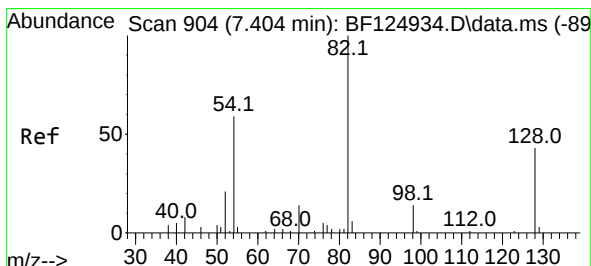
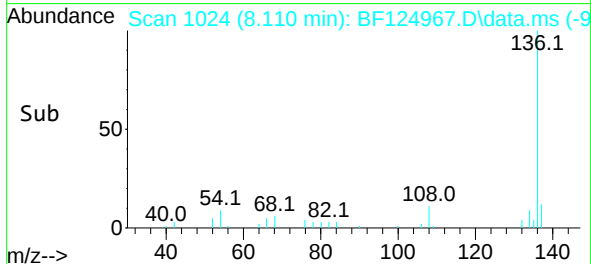
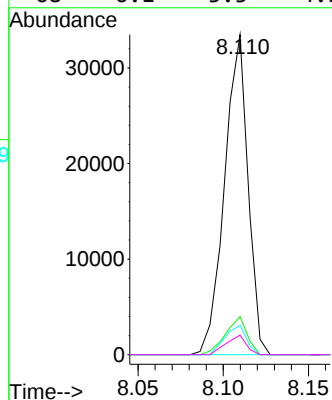
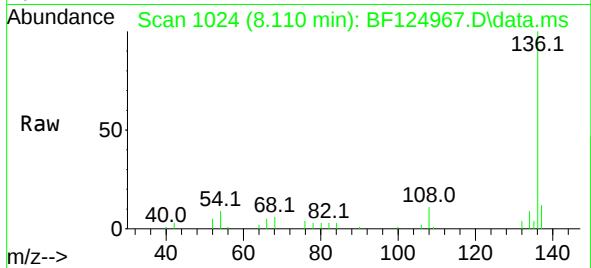


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF124967.D
Acq: 7 Aug 2021 10:29

Instrument :
BNA_F
ClientSampleId :
PB138219BL

Tgt Ion:136 Resp: 32032

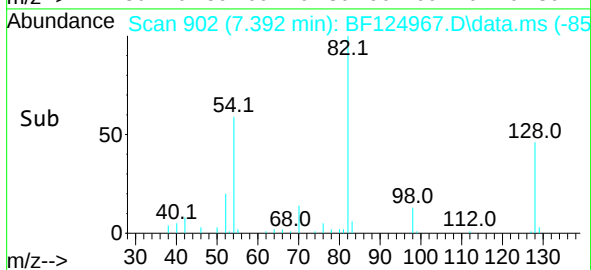
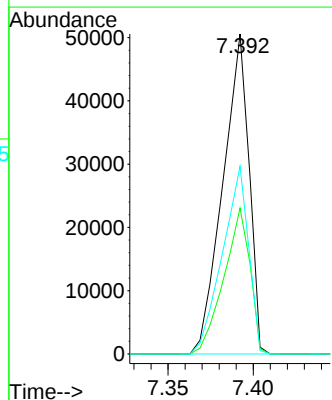
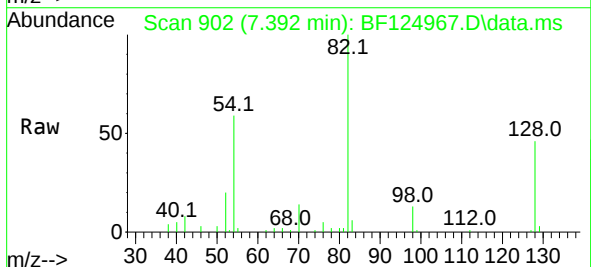
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.8	14.6
54	9.1	6.4	9.6
68	6.1	3.3	4.9

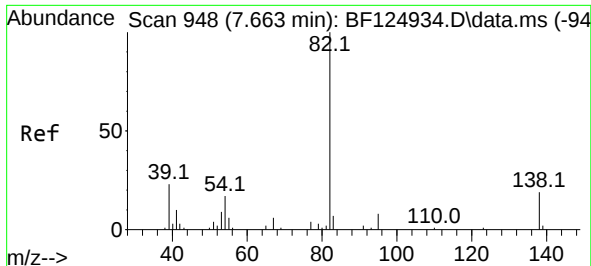


#23
Nitrobenzene-d5
Concen: 88.114 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF124967.D
Acq: 7 Aug 2021 10:29

Tgt Ion: 82 Resp: 53954

Ion	Ratio	Lower	Upper
82	100		
128	45.6	40.6	60.8
54	58.6	49.6	74.4

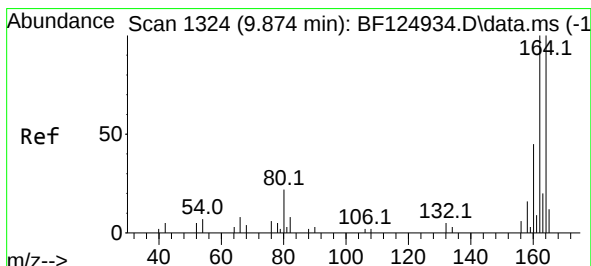
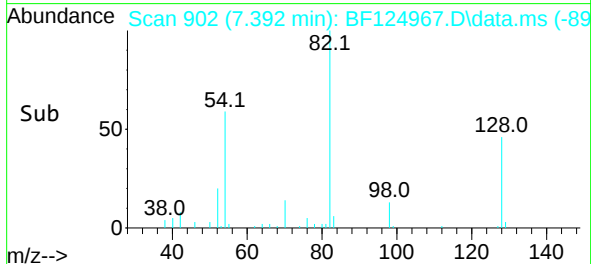
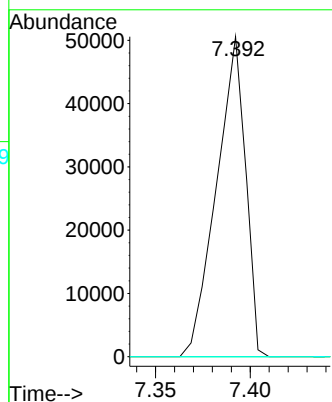
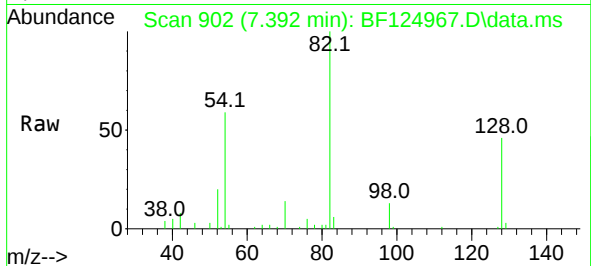




#25
Isophorone
Concen: 51.627 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.265 min
Lab File: BF124967.D
Acq: 7 Aug 2021 10:29

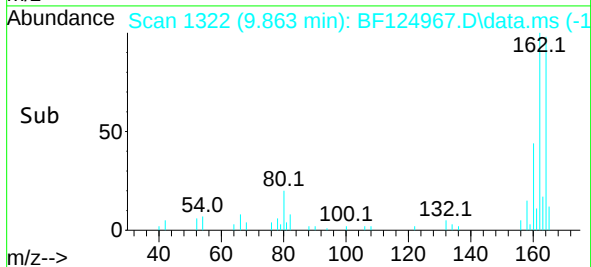
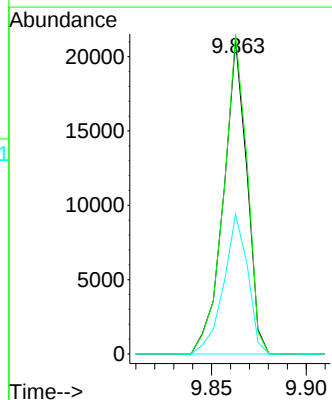
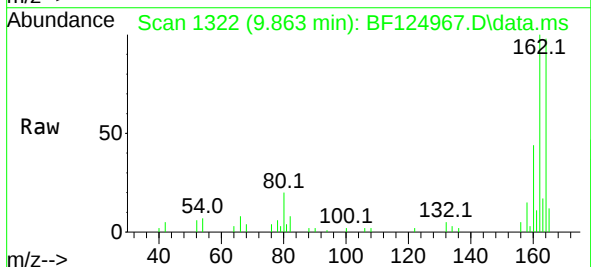
Instrument :
BNA_F
ClientSampleId :
PB138219BL

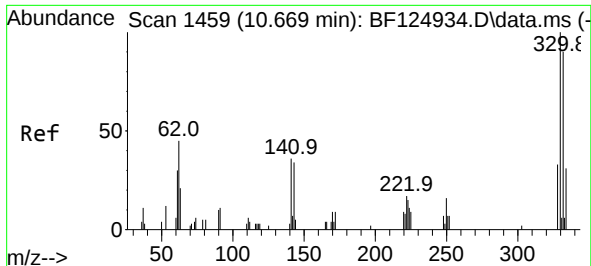
Tgt Ion: 82 Resp: 53954
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF124967.D
Acq: 7 Aug 2021 10:29

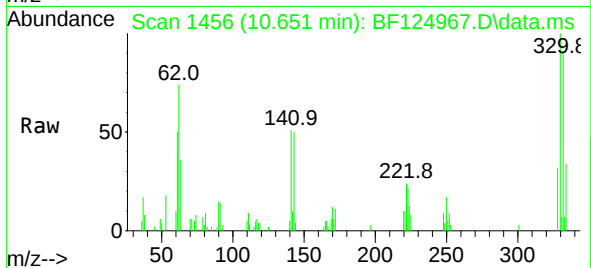
Tgt Ion:164 Resp: 18163
Ion Ratio Lower Upper
164 100
162 102.0 81.3 121.9
160 44.5 38.0 57.0



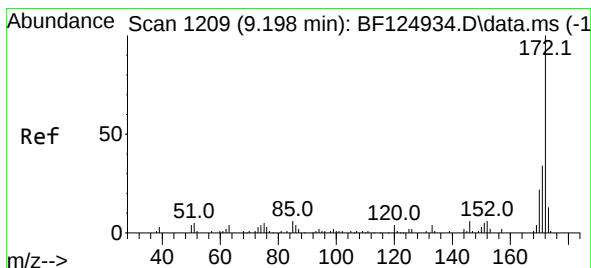
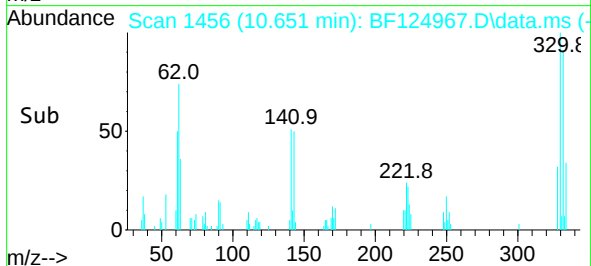
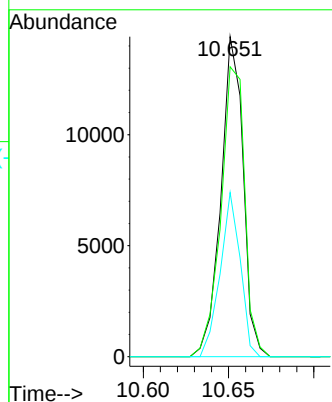


#42
2,4,6-Tribromophenol
Concen: 80.657 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF124967.D
Acq: 7 Aug 2021 10:29

Instrument :
BNA_F
ClientSampleId :
PB138219BL

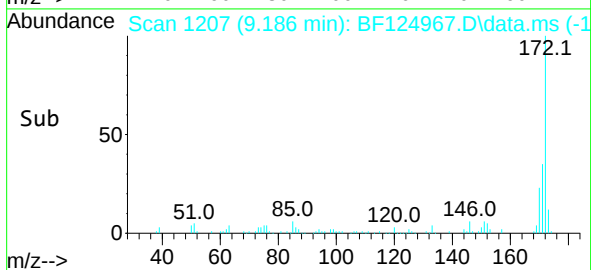
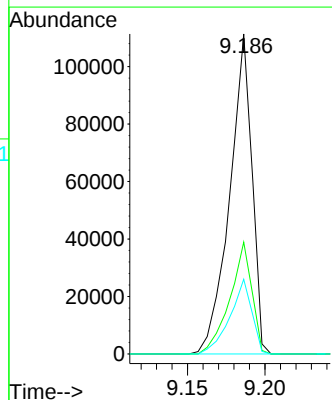
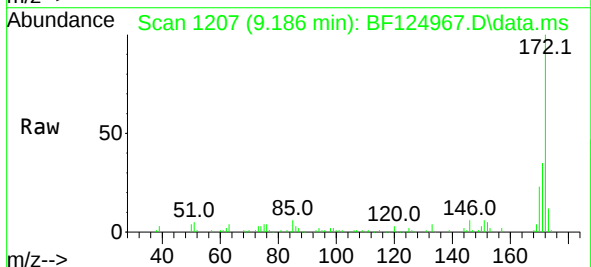


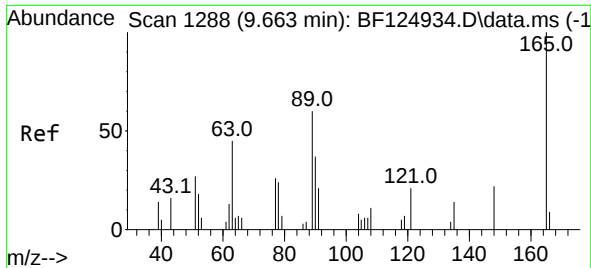
Tgt Ion:330 Resp: 13088
Ion Ratio Lower Upper
330 100
332 97.4 76.2 114.4
141 46.3 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 89.569 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF124967.D
Acq: 7 Aug 2021 10:29

Tgt Ion:172 Resp: 111181
Ion Ratio Lower Upper
172 100
171 34.9 26.5 39.7
170 23.3 18.8 28.2

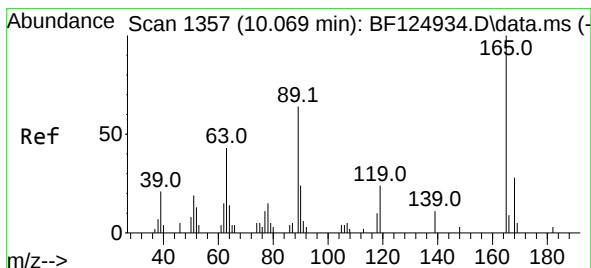
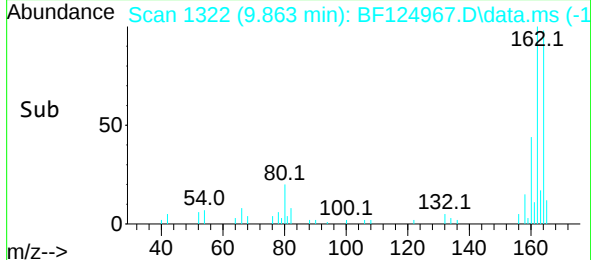
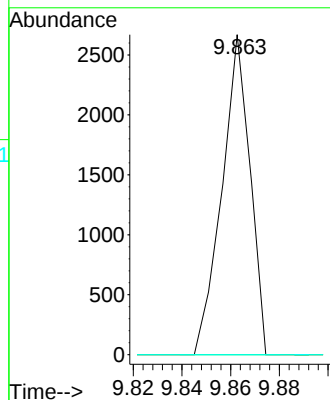
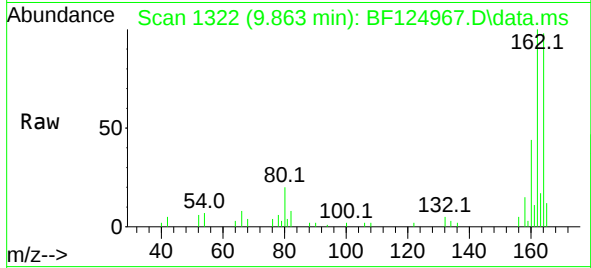




#51
2,6-Dinitrotoluene
Concen: 7.797 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.206 min
Lab File: BF124967.D
Acq: 7 Aug 2021 10:29

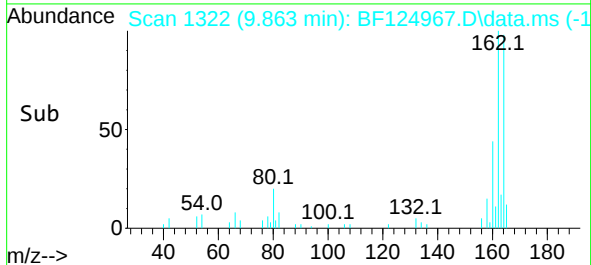
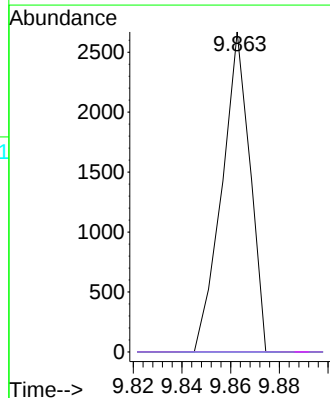
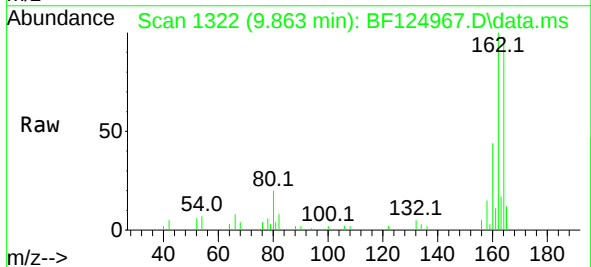
Instrument :
BNA_F
ClientSampleId :
PB138219BL

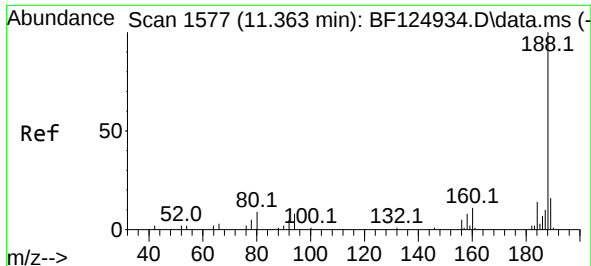
Tgt Ion:165 Resp: 2137
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.743 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.194 min
Lab File: BF124967.D
Acq: 7 Aug 2021 10:29

Tgt Ion:165 Resp: 2137
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

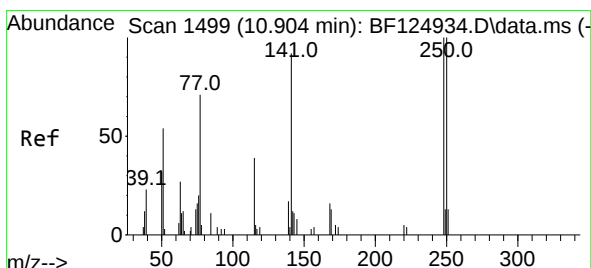
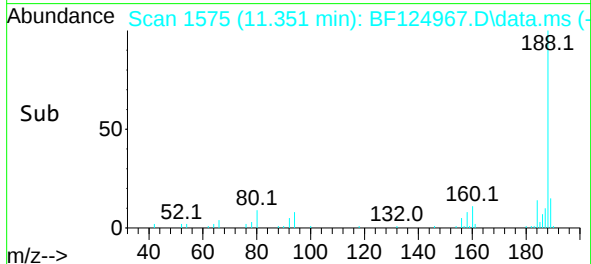
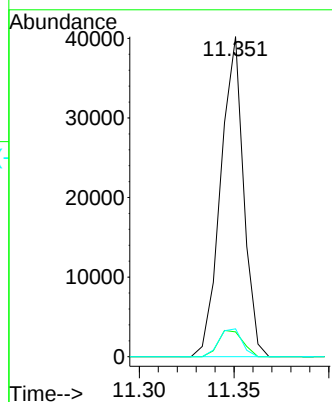
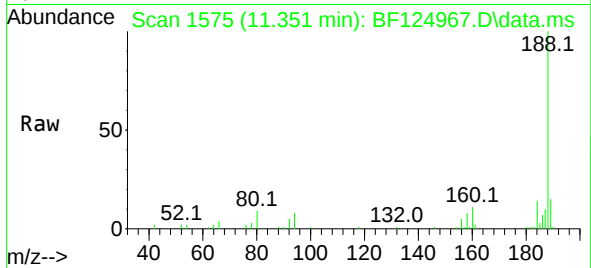




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF124967.D
Acq: 7 Aug 2021 10:29

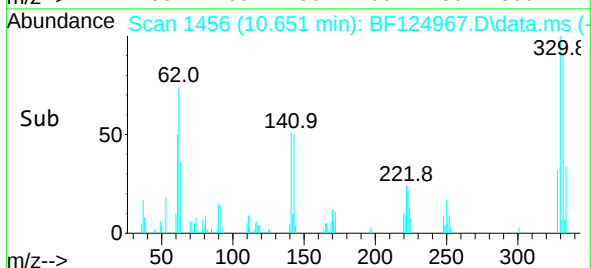
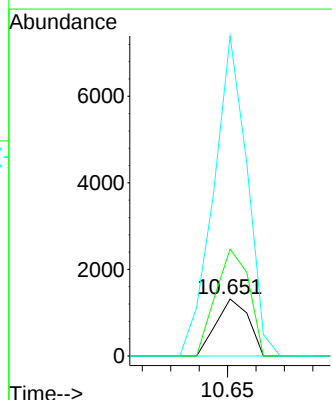
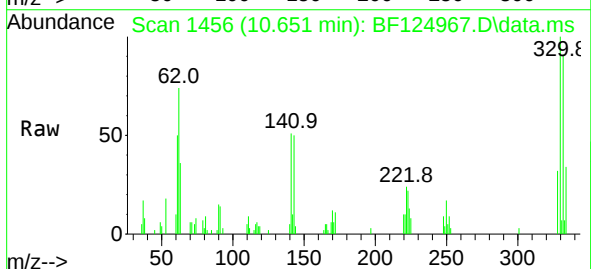
Instrument :
BNA_F
ClientSampleId :
PB138219BL

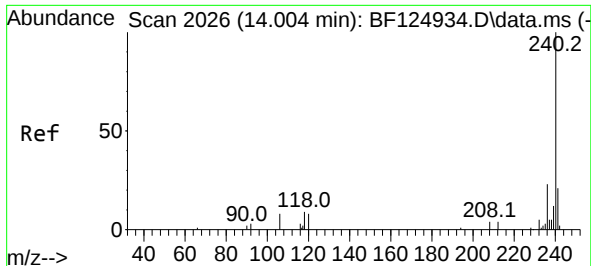
Tgt Ion:188 Resp: 33774
Ion Ratio Lower Upper
188 100
94 7.8 6.7 10.1
80 8.7 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.814 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.247 min
Lab File: BF124967.D
Acq: 7 Aug 2021 10:29

Tgt Ion:248 Resp: 1041
Ion Ratio Lower Upper
248 100
250 130.1 74.2 111.4#
141 389.6 60.4 90.6#

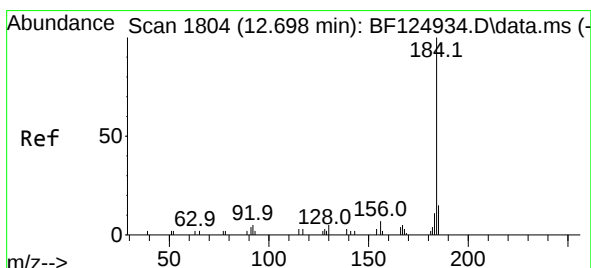
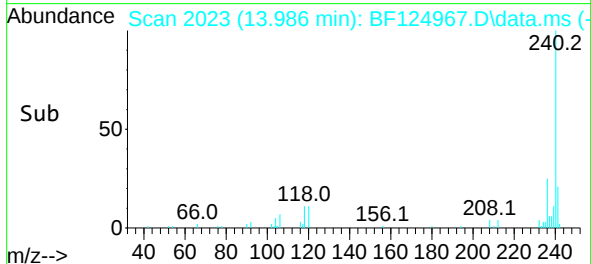
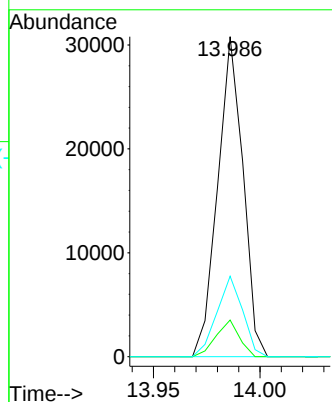
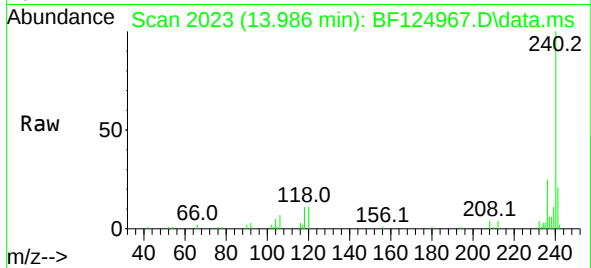




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF124967.D
Acq: 7 Aug 2021 10:29

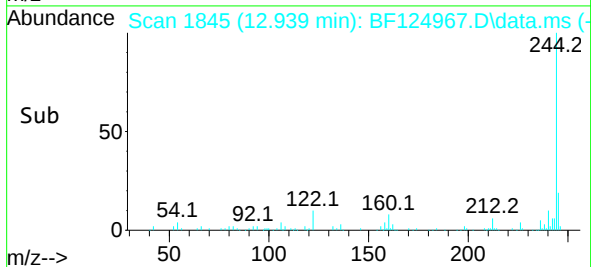
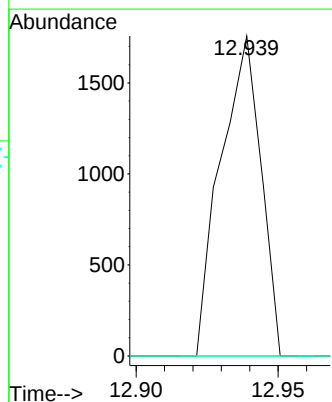
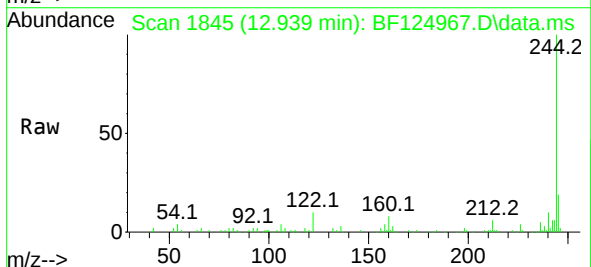
Instrument :
BNA_F
ClientSampleId :
PB138219BL

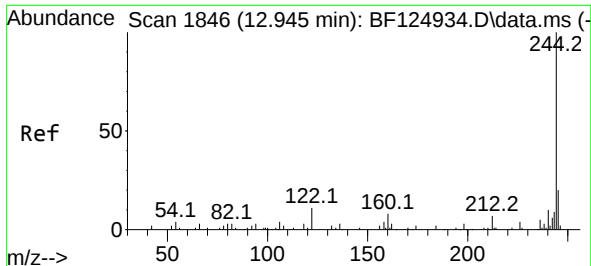
Tgt Ion:240 Resp: 25386
Ion Ratio Lower Upper
240 100
120 11.5 10.8 16.2
236 25.1 21.6 32.4



#77
Benzidine
Concen: 2.547 ng
RT: 12.939 min Scan# 1845
Delta R.T. 0.253 min
Lab File: BF124967.D
Acq: 7 Aug 2021 10:29

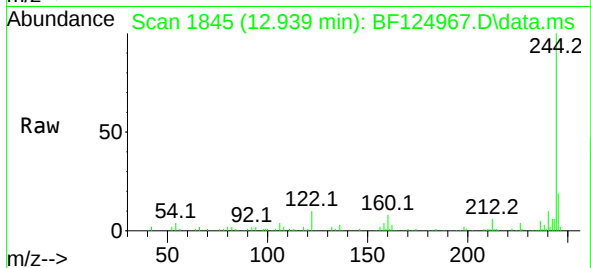
Tgt Ion:184 Resp: 1730
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#



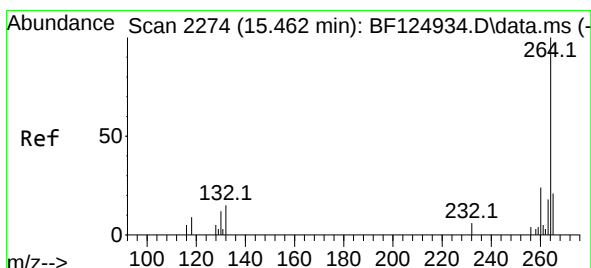
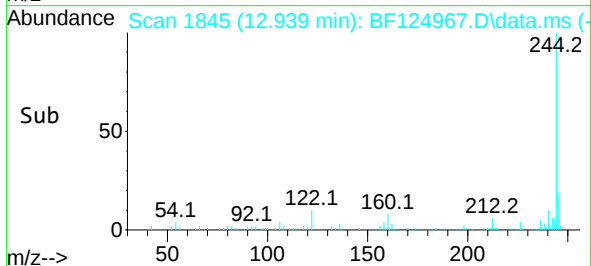
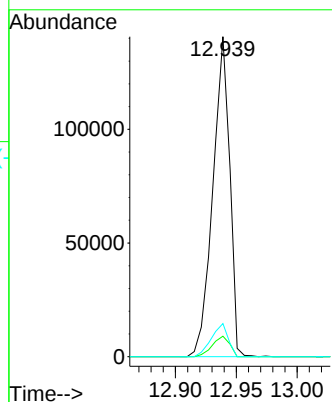


#79
 Terphenyl-d14
 Concen: 89.671 ng
 RT: 12.939 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: BF124967.D
 Acq: 7 Aug 2021 10:29

Instrument :
 BNA_F
 ClientSampleId :
 PB138219BL



Tgt Ion:244 Resp: 134952
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.9 8.9
 122 10.4 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: BF124967.D
 Acq: 7 Aug 2021 10:29

Tgt Ion:264 Resp: 23102
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.6 29.4
 265 23.6 17.2 25.8

