

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080421\
 Data File : BF124940.D
 Acq On : 4 Aug 2021 18:11
 Operator : JU/CG
 Sample : PB138063BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB138063BL

Quant Time: Aug 04 18:51:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 04 17:59:00 2021
 Response via : Initial Calibration

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

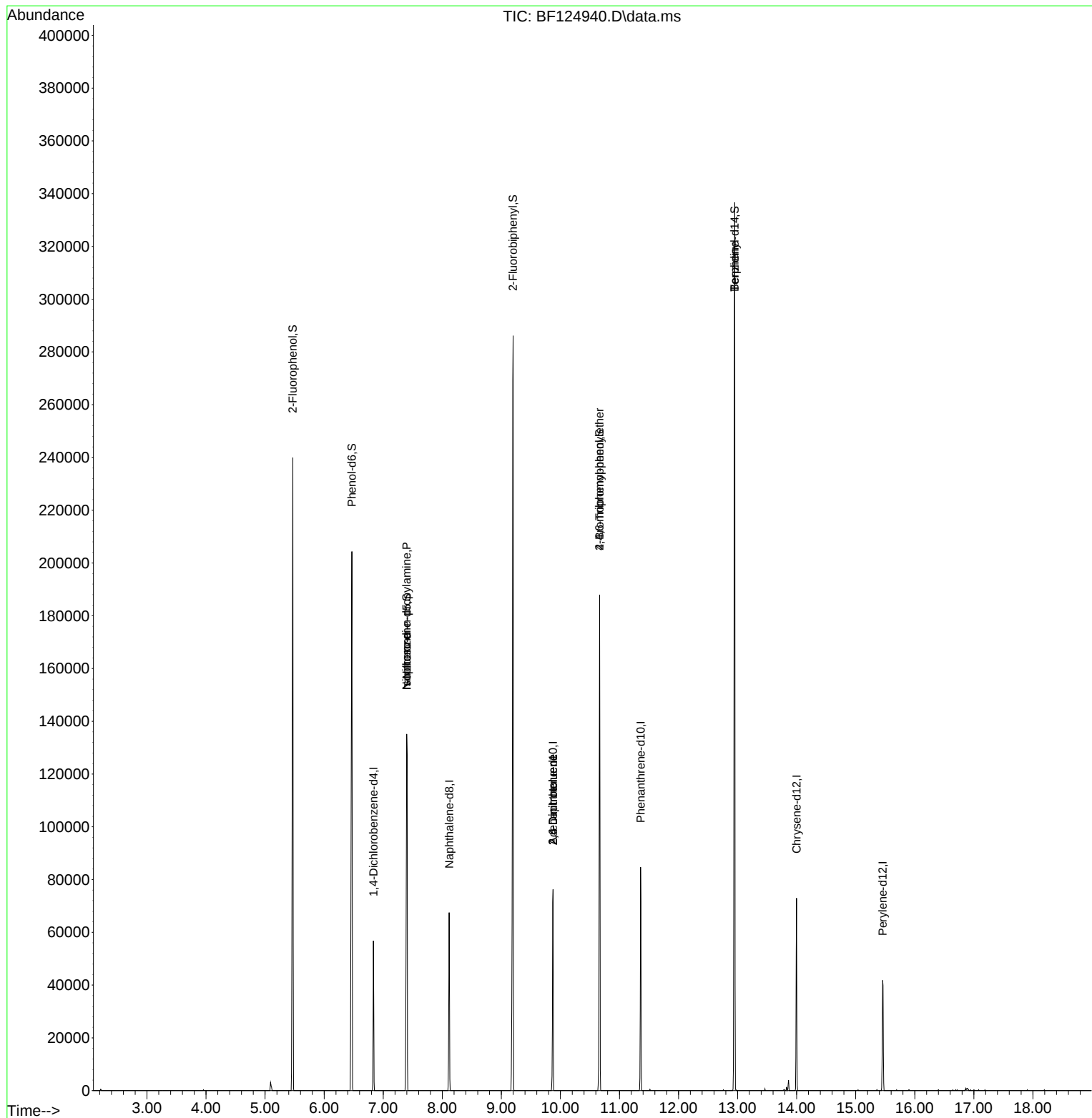
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	8161	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	30361	20.000	ng	# 0.00
39) Acenaphthene-d10	9.875	164	17194	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	32763	20.000	ng	0.00
76) Chrysene-d12	13.998	240	25578	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	20209	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	64942	130.355	ng	0.02
7) Phenol-d6	6.469	99	77404	123.217	ng	0.00
23) Nitrobenzene-d5	7.398	82	51716	89.108	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	19855	129.255	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	103114	87.752	ng	0.00
79) Terphenyl-d14	12.951	244	124275	81.957	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.398	70	6900	18.512	ng	# 68
25) Isophorone	7.398	82	51715	52.208	ng	# 59
51) 2,6-Dinitrotoluene	9.875	165	2162	8.333	ng	# 26
57) 2,4-Dinitrotoluene	9.875	165	2162	6.138	ng	# 18
67) 4-Bromophenyl-phenylether	10.663	248	1462	4.074	ng	# 1
77) Benzidine	12.951	184	1688	2.466	ng	# 69

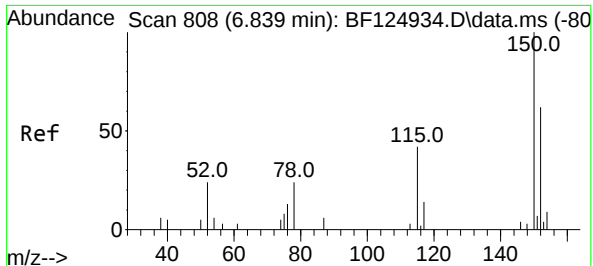
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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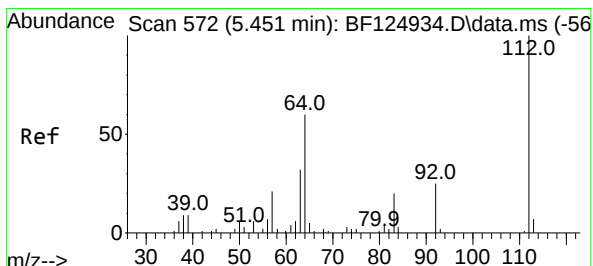
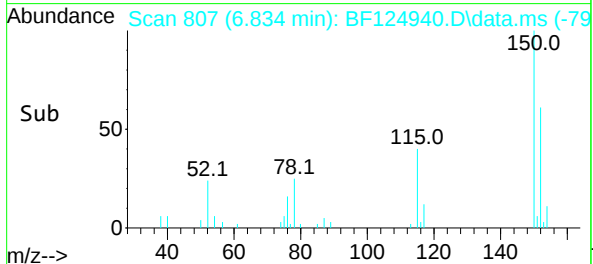
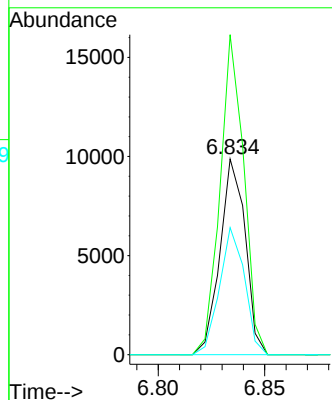
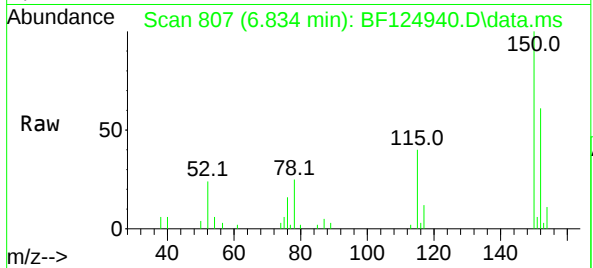




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.005 min
Lab File: BF124940.D
Acq: 4 Aug 2021 18:11

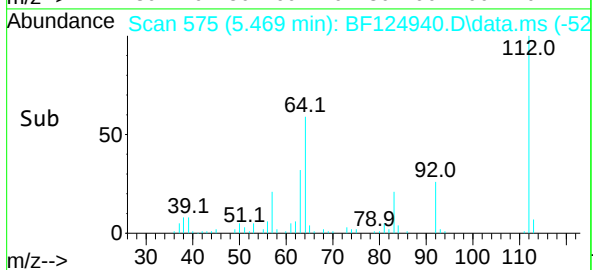
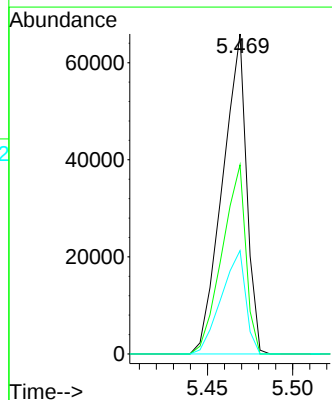
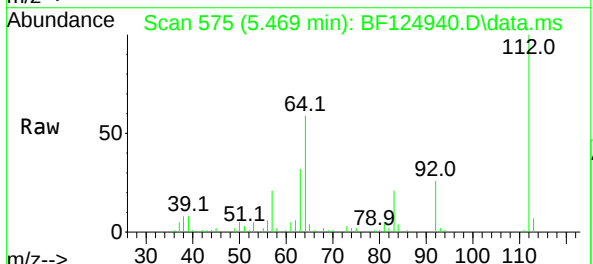
Instrument :
BNA_F
ClientSampleId :
PB138063BL

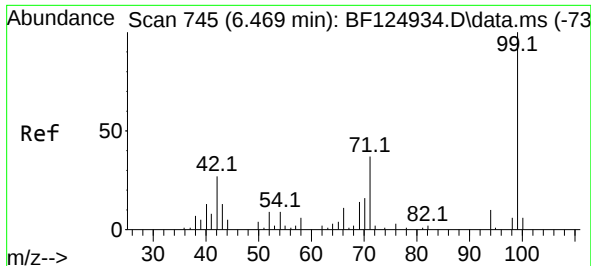
Tgt Ion:152 Resp: 8161
Ion Ratio Lower Upper
152 100
150 163.5 117.6 176.4
115 65.0 47.1 70.7



#5
2-Fluorophenol
Concen: 130.355 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.018 min
Lab File: BF124940.D
Acq: 4 Aug 2021 18:11

Tgt Ion:112 Resp: 64942
Ion Ratio Lower Upper
112 100
64 59.1 44.2 66.2
63 32.3 26.2 39.2



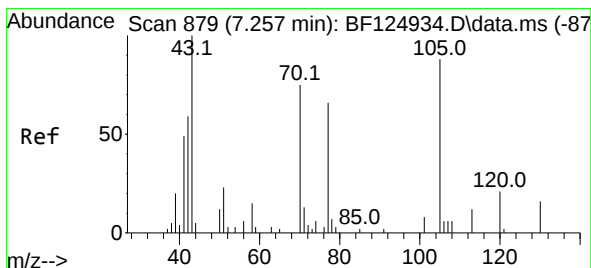
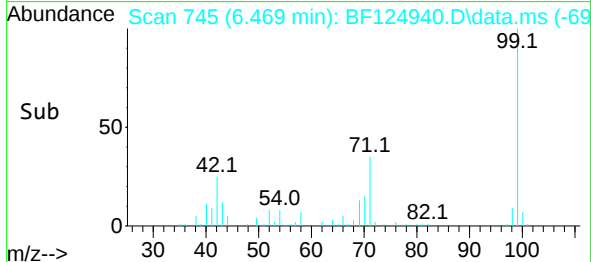
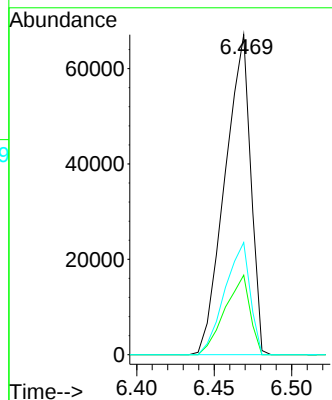
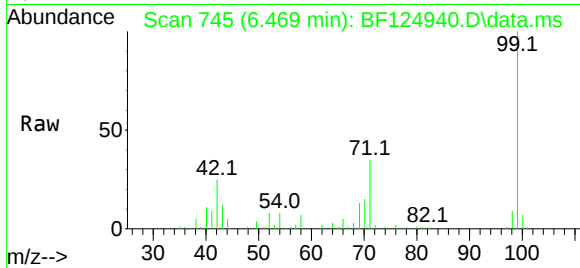


#7
Phenol-d6
Concen: 123.217 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF124940.D
Acq: 4 Aug 2021 18:11

Instrument :
BNA_F
ClientSampleId :
PB138063BL

Tgt Ion: 99 Resp: 77404

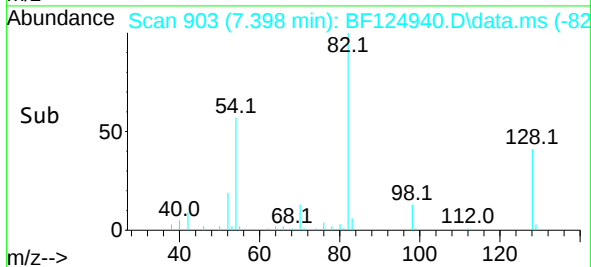
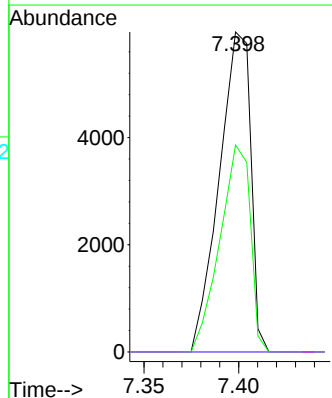
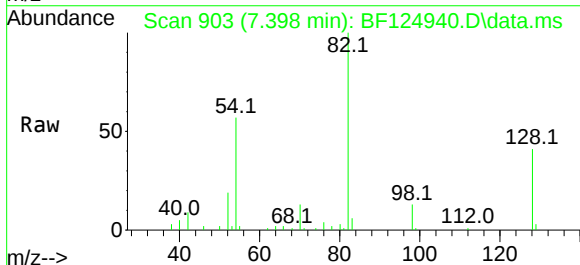
Ion	Ratio	Lower	Upper
99	100		
42	24.9	23.5	35.3
71	35.0	25.6	38.4

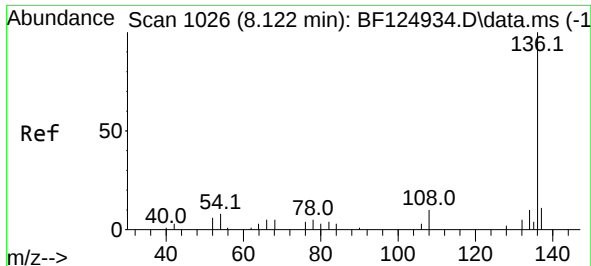


#19
n-Nitroso-di-n-propylamine
Concen: 18.512 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.141 min
Lab File: BF124940.D
Acq: 4 Aug 2021 18:11

Tgt Ion: 70 Resp: 6900

Ion	Ratio	Lower	Upper
70	100		
42	64.7	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

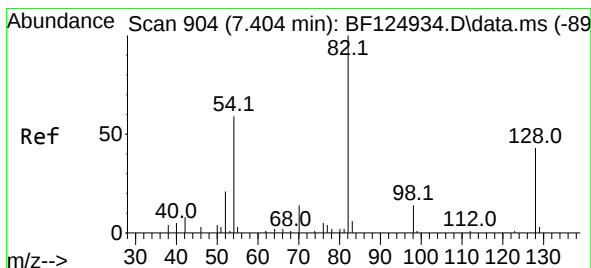
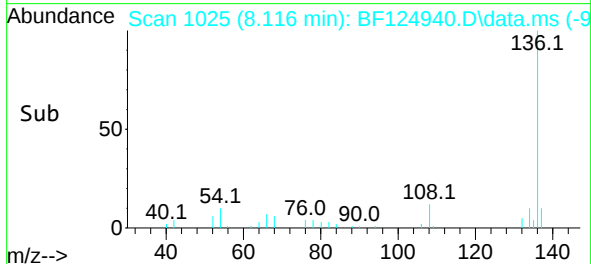
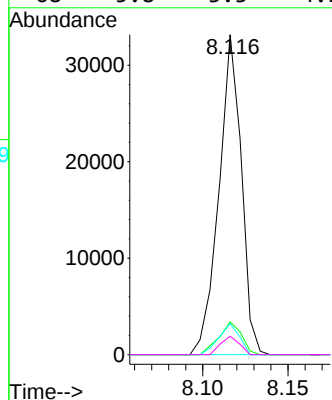
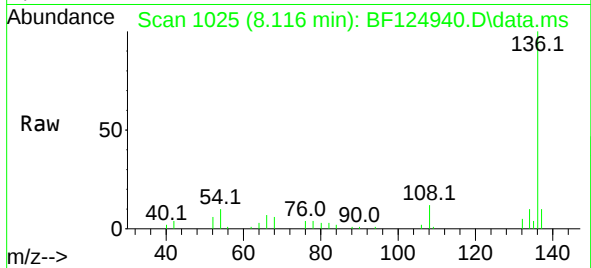




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF124940.D
Acq: 4 Aug 2021 18:11

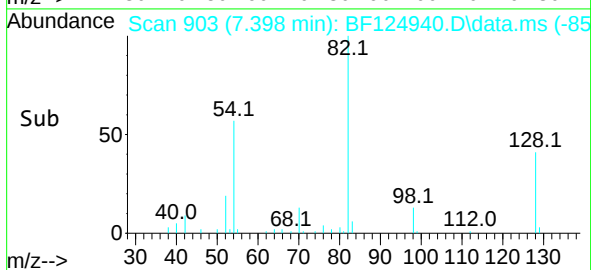
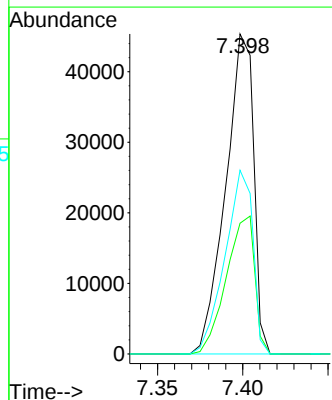
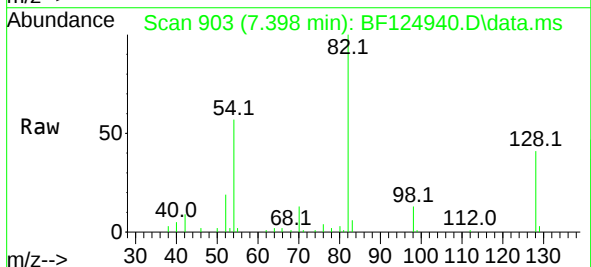
Instrument :
BNA_F
ClientSampleId :
PB138063BL

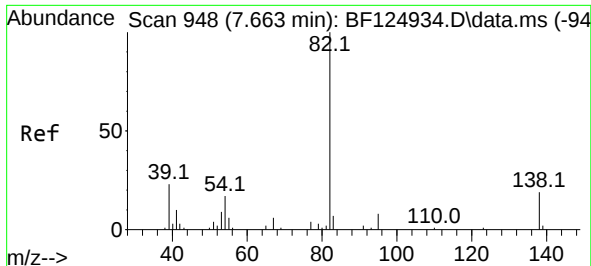
Tgt Ion:136	Resp:	30361
Ion Ratio	Lower	Upper
136	100	
137	10.2	9.8 14.6
54	9.7	6.4 9.6#
68	5.8	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 89.108 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF124940.D
Acq: 4 Aug 2021 18:11

Tgt Ion: 82	Resp:	51716
Ion Ratio	Lower	Upper
82	100	
128	40.9	40.6 60.8
54	57.4	49.6 74.4

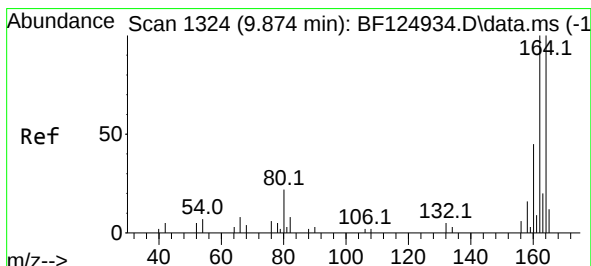
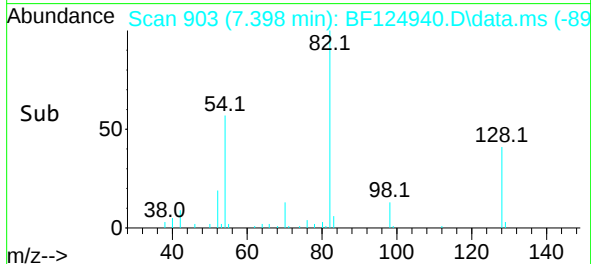
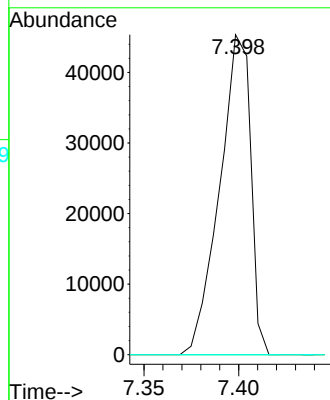
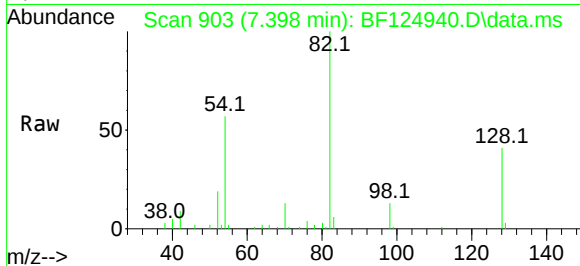




#25
Isophorone
Concen: 52.208 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.264 min
Lab File: BF124940.D
Acq: 4 Aug 2021 18:11

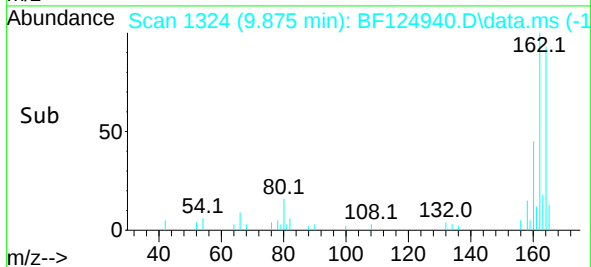
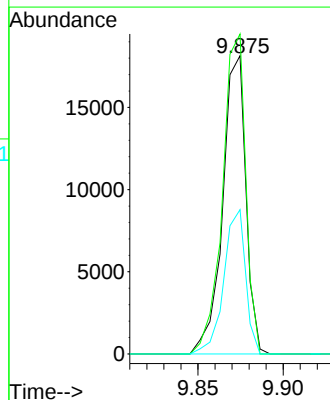
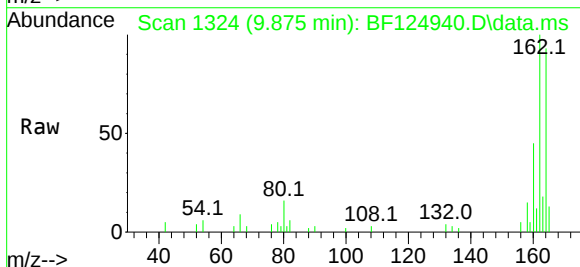
Instrument :
BNA_F
ClientSampleId :
PB138063BL

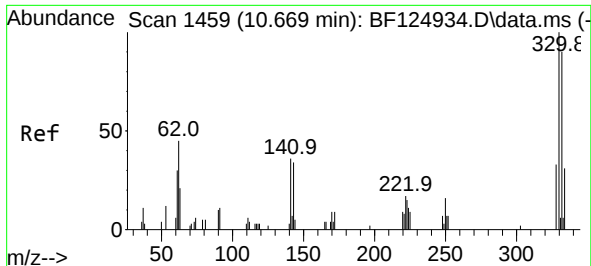
Tgt Ion: 82 Resp: 51715
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.001 min
Lab File: BF124940.D
Acq: 4 Aug 2021 18:11

Tgt Ion:164 Resp: 17194
Ion Ratio Lower Upper
164 100
162 107.3 81.3 121.9
160 48.4 38.0 57.0

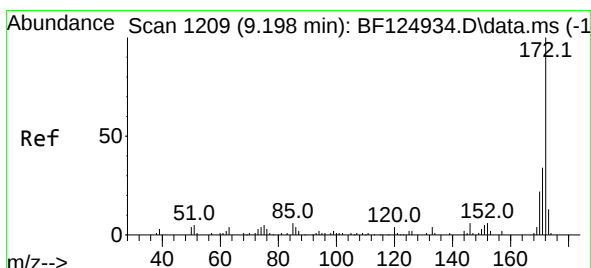
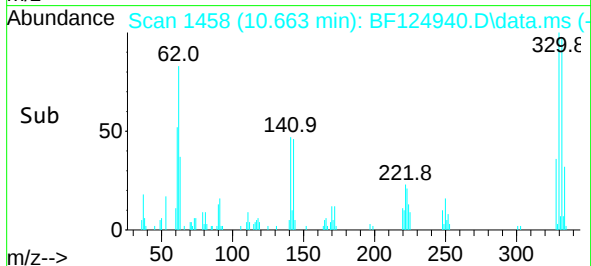
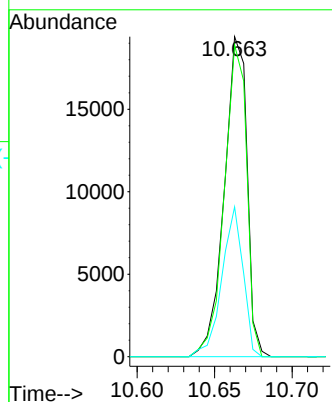
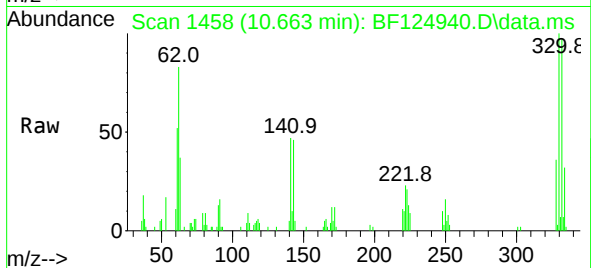




#42
2,4,6-Tribromophenol
Concen: 129.255 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF124940.D
Acq: 4 Aug 2021 18:11

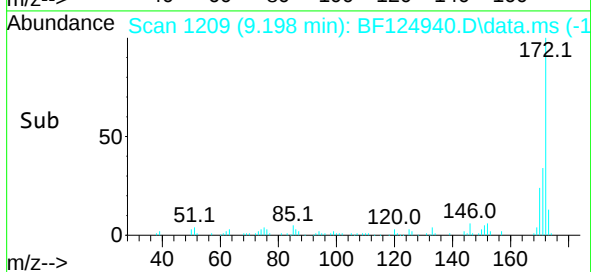
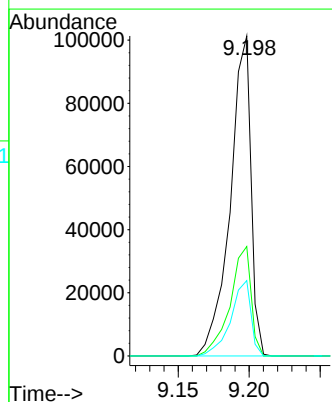
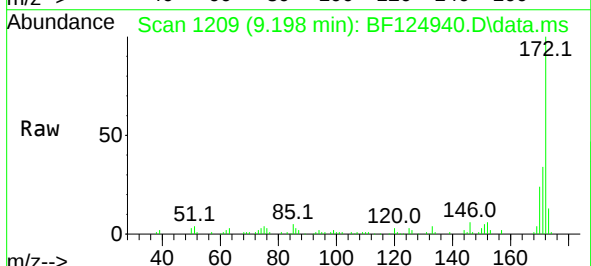
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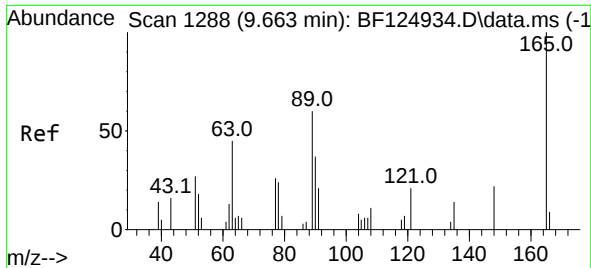
Tgt Ion:330 Resp: 19855
Ion Ratio Lower Upper
330 100
332 95.4 76.2 114.4
141 43.6 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 87.752 ng
RT: 9.198 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BF124940.D
Acq: 4 Aug 2021 18:11

Tgt Ion:172 Resp: 103114
Ion Ratio Lower Upper
172 100
171 34.2 26.5 39.7
170 23.6 18.8 28.2

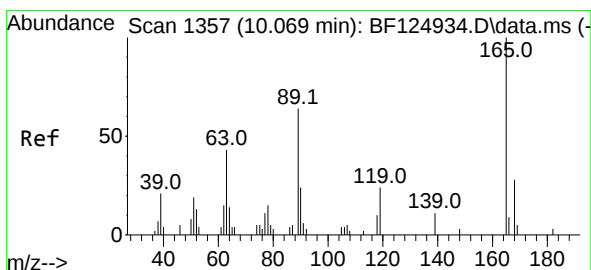
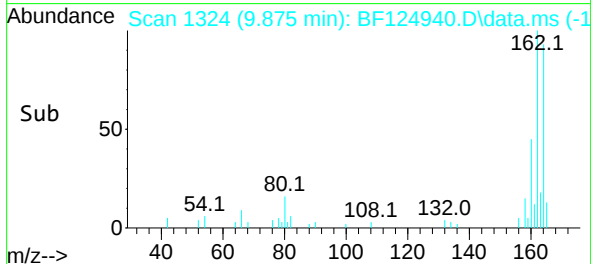
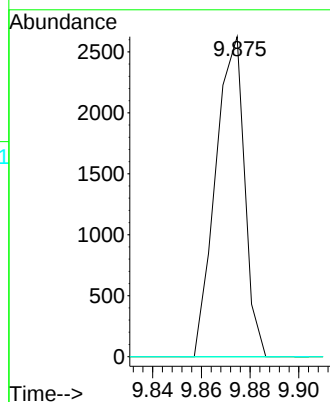
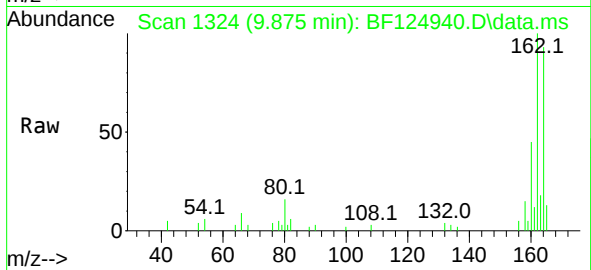




#51
2,6-Dinitrotoluene
Concen: 8.333 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.212 min
Lab File: BF124940.D
Acq: 4 Aug 2021 18:11

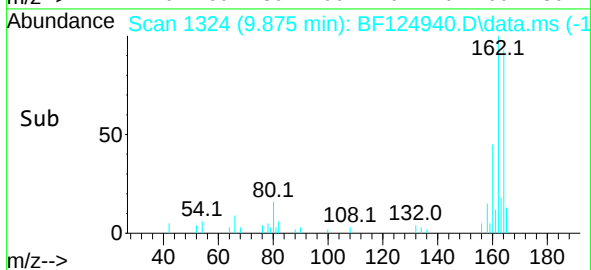
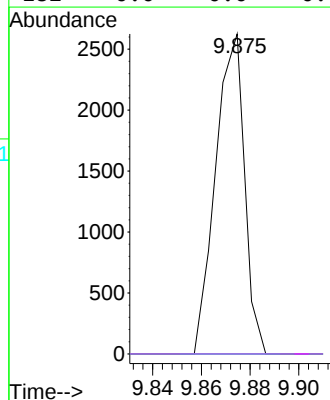
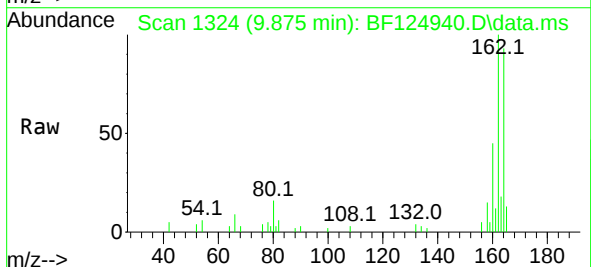
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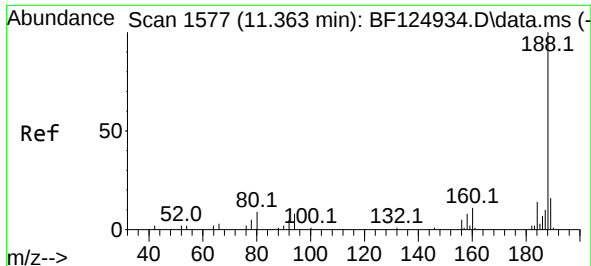
Tgt Ion:165 Resp: 2162
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.138 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.194 min
Lab File: BF124940.D
Acq: 4 Aug 2021 18:11

Tgt Ion:165 Resp: 2162
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

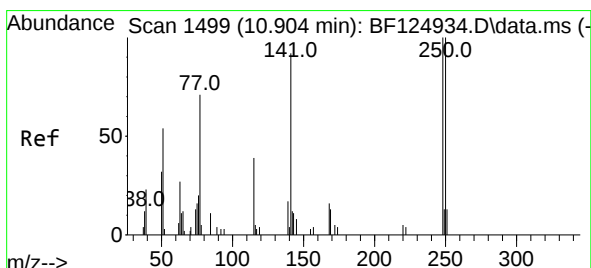
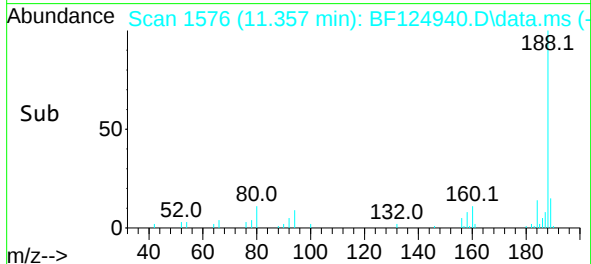
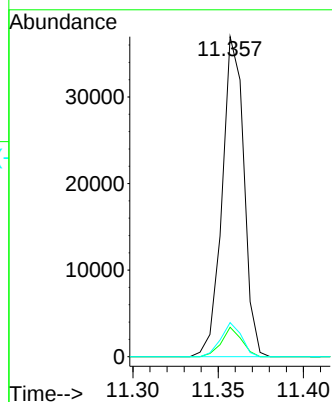
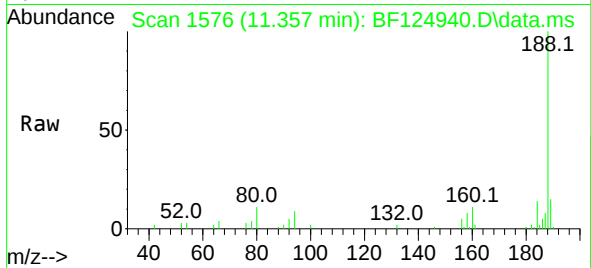




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF124940.D
Acq: 4 Aug 2021 18:11

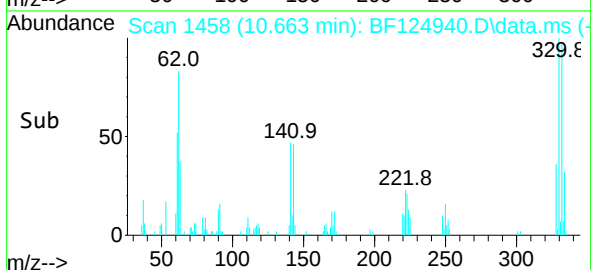
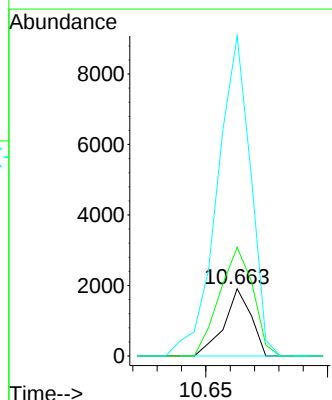
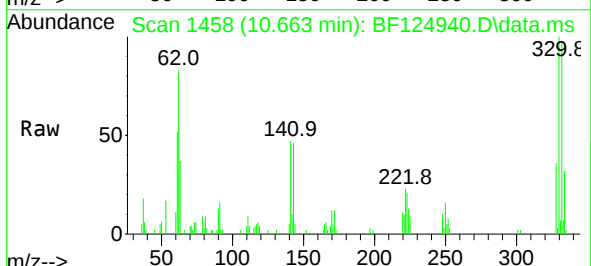
Instrument :
BNA_F
ClientSampleId :
PB138063BL

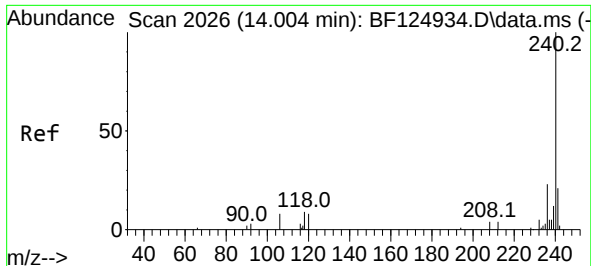
Tgt Ion:188 Resp: 32763
Ion Ratio Lower Upper
188 100
94 9.2 6.7 10.1
80 10.7 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.074 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.241 min
Lab File: BF124940.D
Acq: 4 Aug 2021 18:11

Tgt Ion:248 Resp: 1462
Ion Ratio Lower Upper
248 100
250 161.5 74.2 111.4#
141 475.6 60.4 90.6#

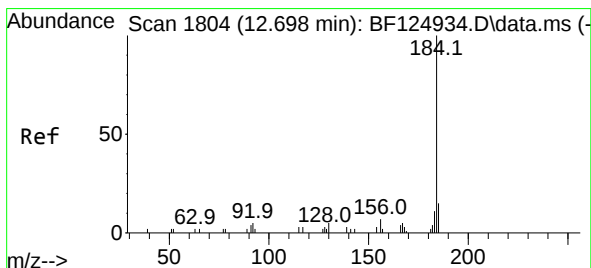
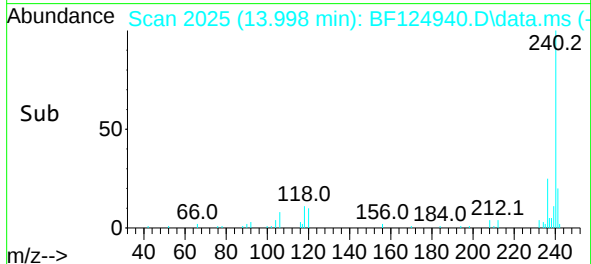
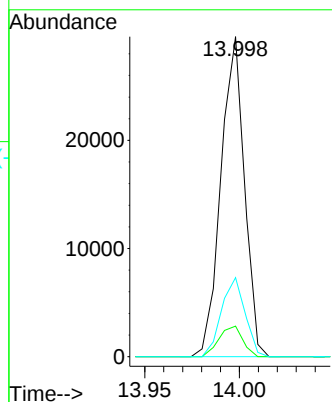
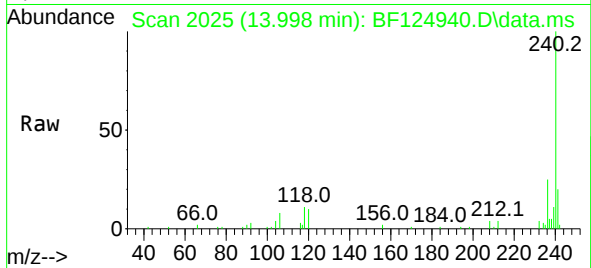




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF124940.D
Acq: 4 Aug 2021 18:11

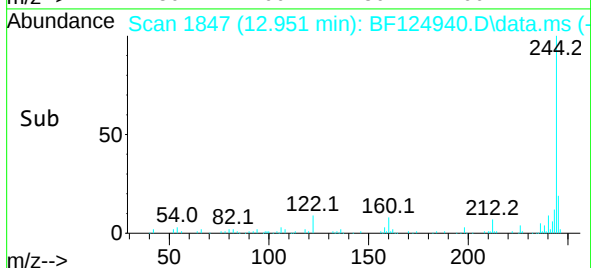
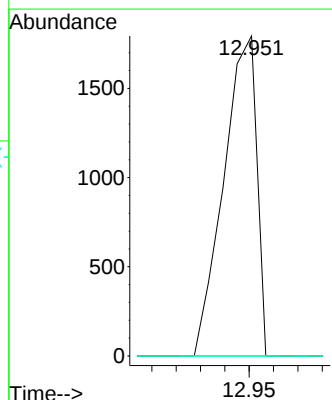
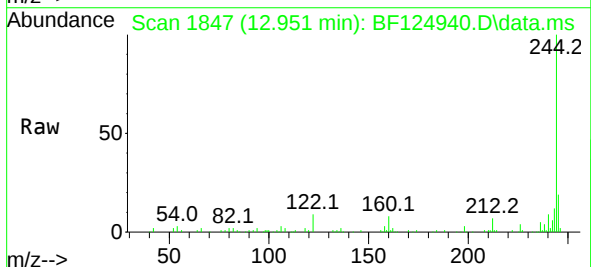
Instrument :
BNA_F
ClientSampleId :
PB138063BL

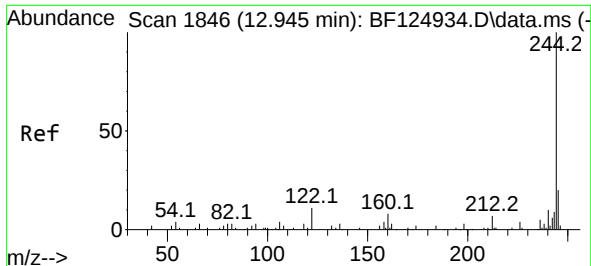
Tgt Ion:240 Resp: 25578
Ion Ratio Lower Upper
240 100
120 9.6 10.8 16.2#
236 24.7 21.6 32.4



#77
Benzidine
Concen: 2.466 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.253 min
Lab File: BF124940.D
Acq: 4 Aug 2021 18:11

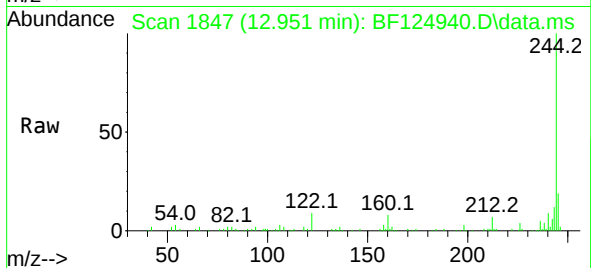
Tgt Ion:184 Resp: 1688
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#



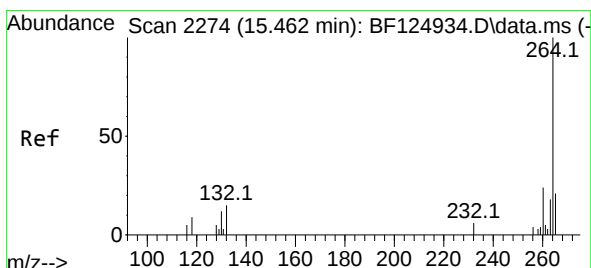
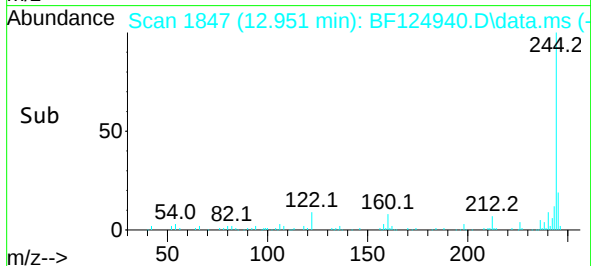
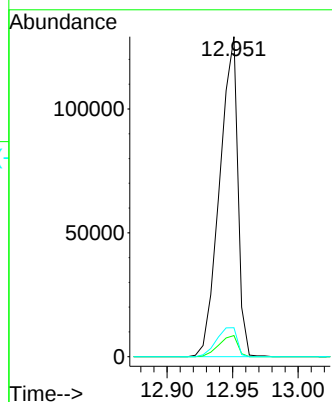


#79
Terphenyl-d14
Concen: 81.957 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.006 min
Lab File: BF124940.D
Acq: 4 Aug 2021 18:11

Instrument :
BNA_F
ClientSampleId :
PB138063BL



Tgt Ion:244 Resp: 124275
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 9.1 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF124940.D
Acq: 4 Aug 2021 18:11

Tgt Ion:264 Resp: 20209
Ion Ratio Lower Upper
264 100
260 25.2 19.6 29.4
265 24.5 17.2 25.8

