

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080221\
 Data File : BF124902.D
 Acq On : 2 Aug 2021 12:00
 Operator : JU/CG
 Sample : M3216-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20210551-COM-24

Quant Time: Aug 02 12:39:47 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)

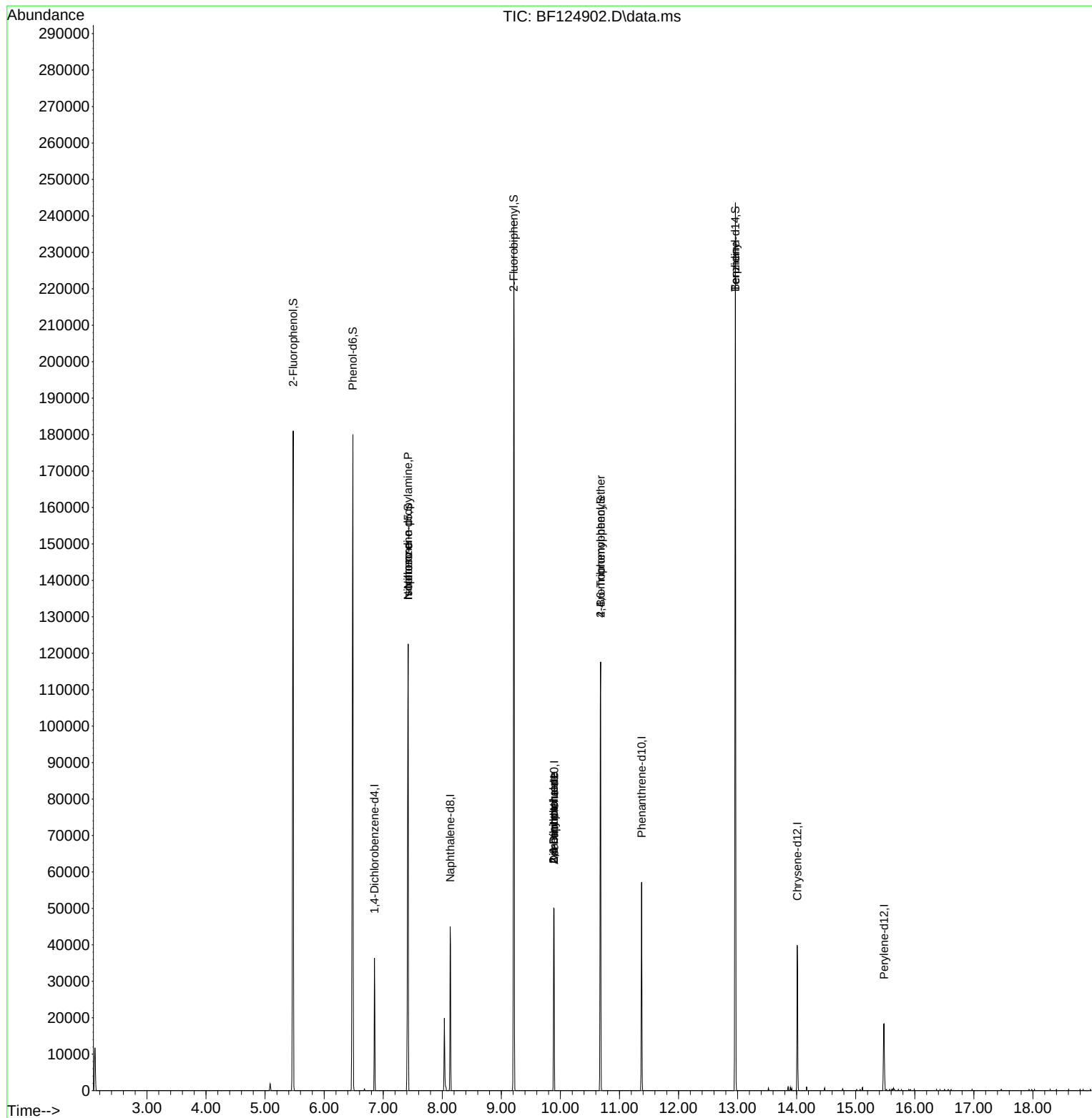
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	5007	20.000	ng	# 0.00
21) Naphthalene-d8	8.134	136	20187	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	10968	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	20447	20.000	ng	0.00
76) Chrysene-d12	14.010	240	14876	20.000	ng	#-0.01
86) Perylene-d12	15.480	264	10737	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	48428	163.763	ng	0.00
7) Phenol-d6	6.487	99	59576	160.699	ng	0.00
23) Nitrobenzene-d5	7.422	82	38556	113.675	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	12122	128.723	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	73879	98.933	ng	0.00
79) Terphenyl-d14	12.963	244	79519	91.629	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	5031	25.414	ng	# 65
25) Isophorone	7.422	82	38554	64.285	ng	# 59
50) Dimethylphthalate	9.886	163	1839	2.435	ng	# 1
51) 2,6-Dinitrotoluene	9.886	165	1484	8.894	ng	# 26
57) 2,4-Dinitrotoluene	9.886	165	1484	6.554	ng	# 18
67) 4-Bromophenyl-phenylether	10.681	248	971	4.478	ng	# 1
77) Benzidine	12.963	184	1225	2.920	ng	# 69

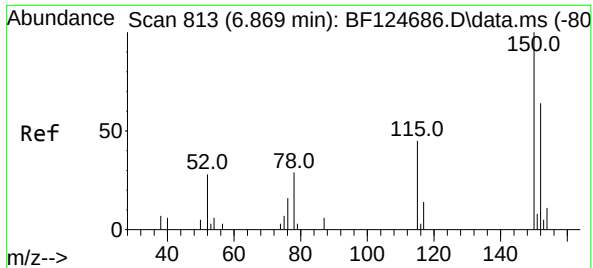
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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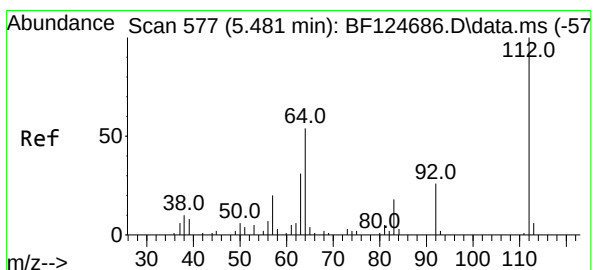
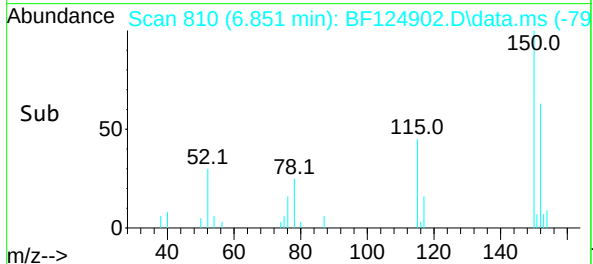
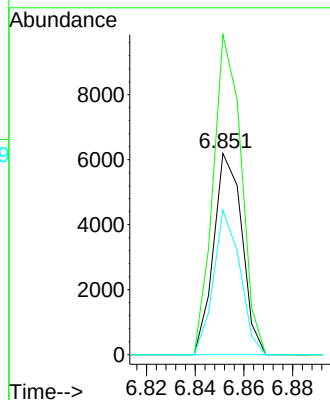
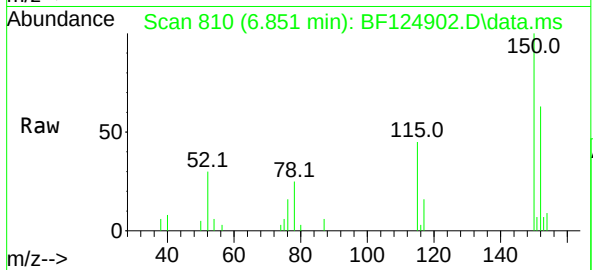




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF124902.D
Acq: 2 Aug 2021 12:00

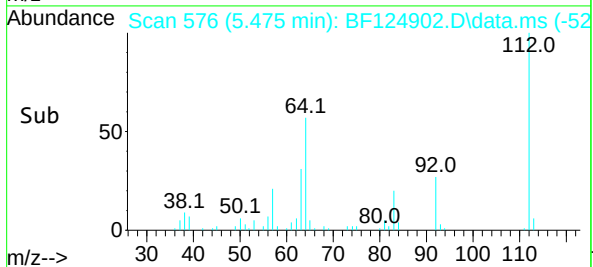
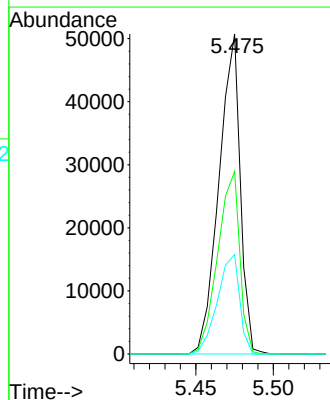
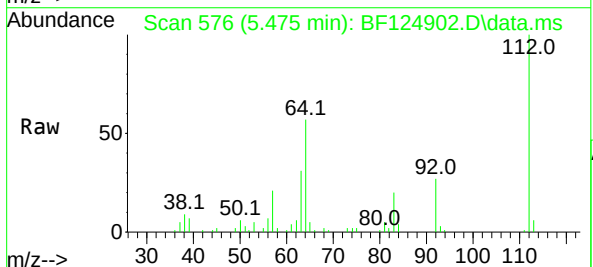
Instrument :
BNA_F
ClientSampleId :
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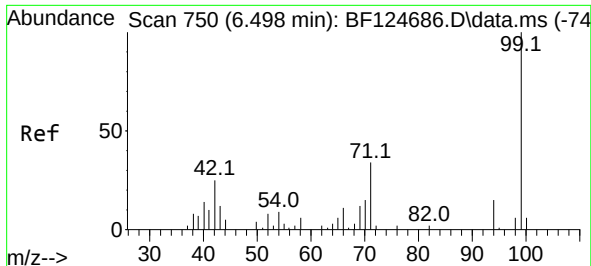
Tgt Ion:152 Resp: 5007
Ion Ratio Lower Upper
152 100
150 158.9 117.6 176.4
115 71.8 47.1 70.7#



#5
2-Fluorophenol
Concen: 163.763 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.000 min
Lab File: BF124902.D
Acq: 2 Aug 2021 12:00

Tgt Ion:112 Resp: 48428
Ion Ratio Lower Upper
112 100
64 57.1 44.2 66.2
63 31.0 26.2 39.2

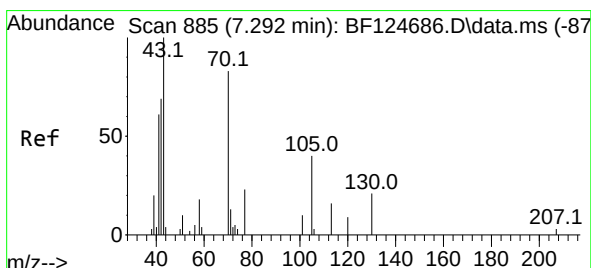
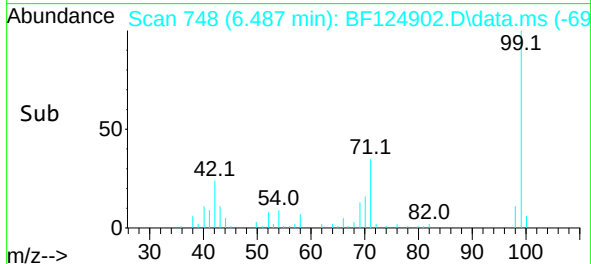
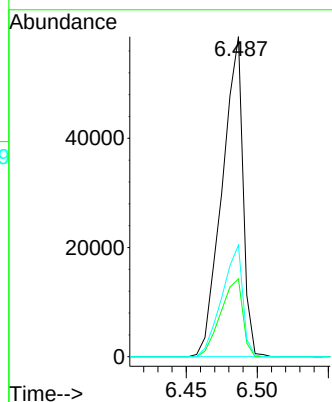
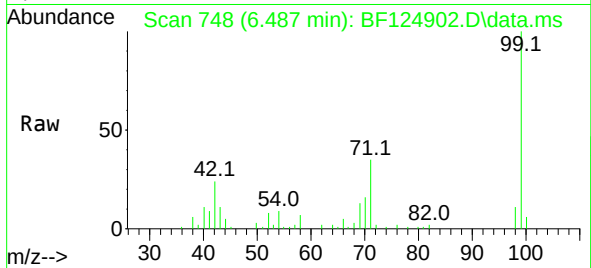




#7
Phenol-d6
Concen: 160.699 ng
RT: 6.487 min Scan# 748
Delta R.T. 0.000 min
Lab File: BF124902.D
Acq: 2 Aug 2021 12:00

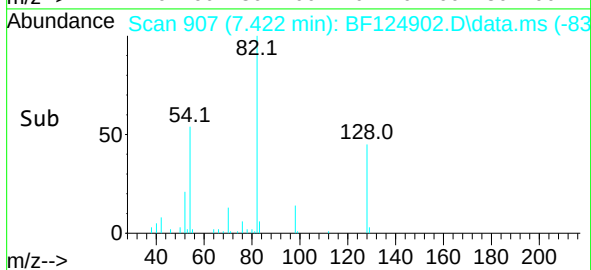
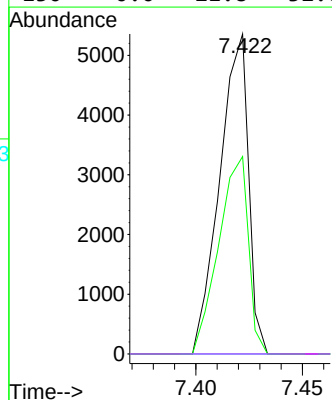
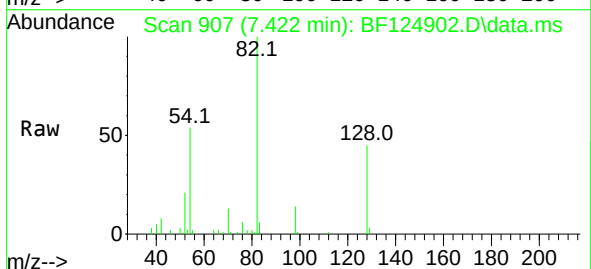
Instrument :
BNA_F
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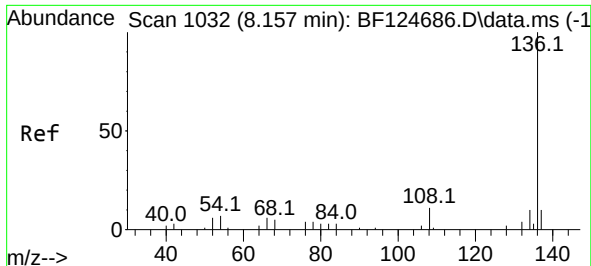
Tgt Ion: 99 Resp: 59576
Ion Ratio Lower Upper
99 100
42 24.3 23.5 35.3
71 34.8 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 25.414 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.147 min
Lab File: BF124902.D
Acq: 2 Aug 2021 12:00

Tgt Ion: 70 Resp: 5031
Ion Ratio Lower Upper
70 100
42 61.7 72.2 108.2#
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#

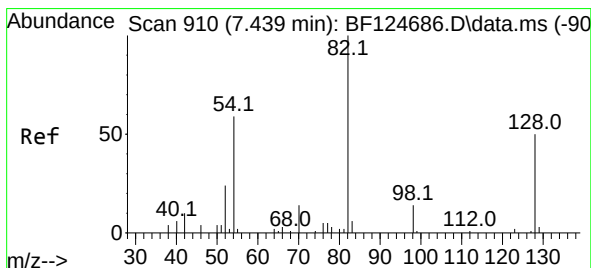
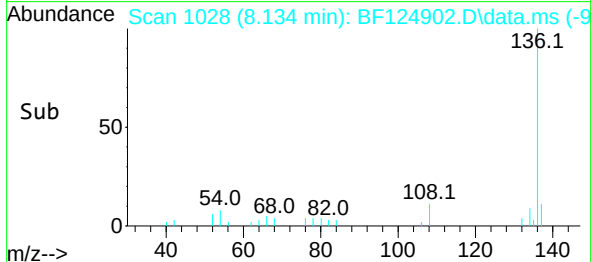
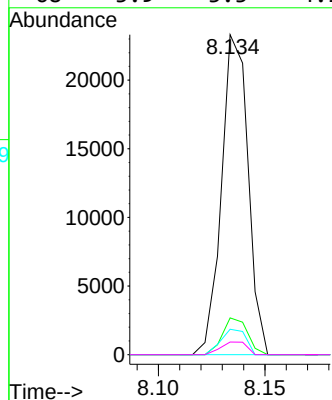
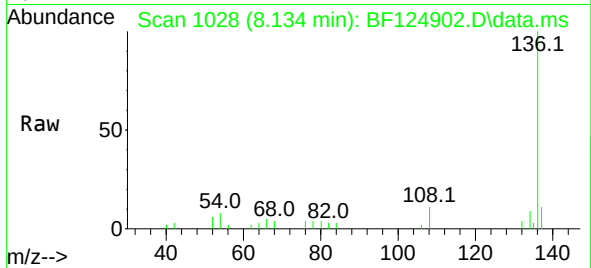




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF124902.D
Acq: 2 Aug 2021 12:00

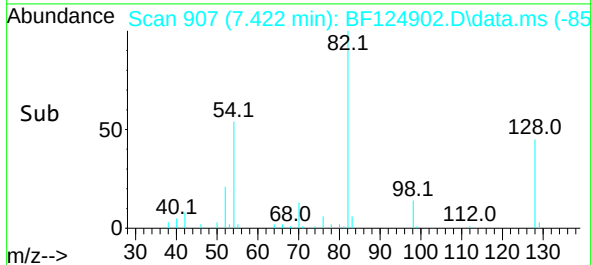
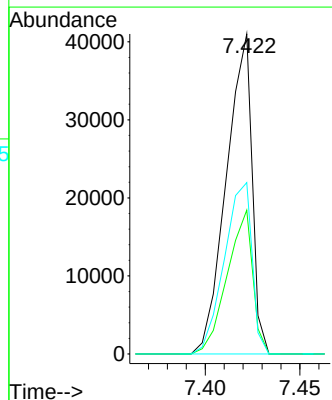
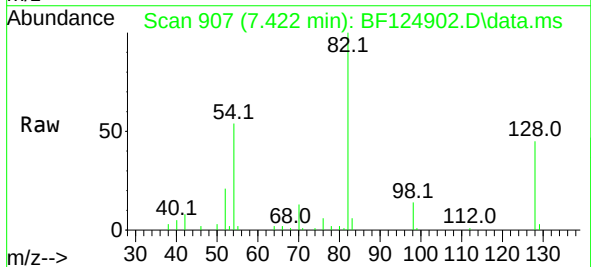
Instrument :
BNA_F
ClientSampleId :
20210551-COM-24

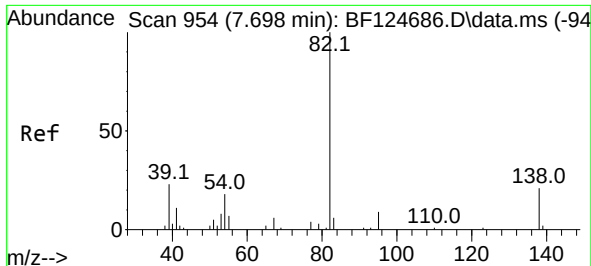
Tgt Ion:	136	Resp:	20187
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.8	14.6
54	8.0	6.4	9.6
68	3.9	3.3	4.9



#23
Nitrobenzene-d5
Concen: 113.675 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF124902.D
Acq: 2 Aug 2021 12:00

Tgt Ion:	82	Resp:	38556
Ion Ratio	Lower	Upper	
82	100		
128	45.0	40.6	60.8
54	53.6	49.6	74.4

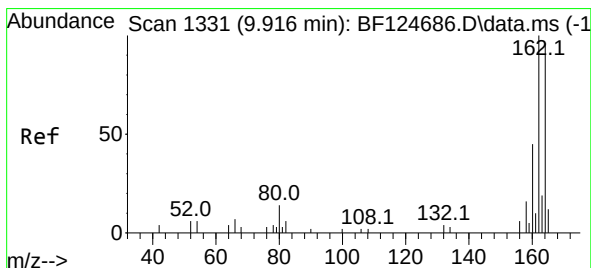
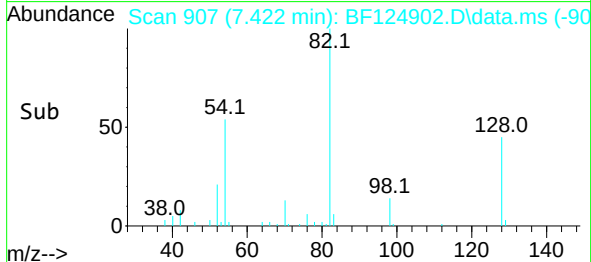
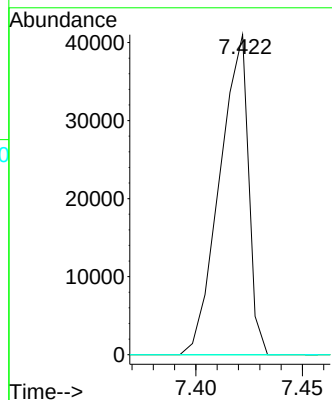
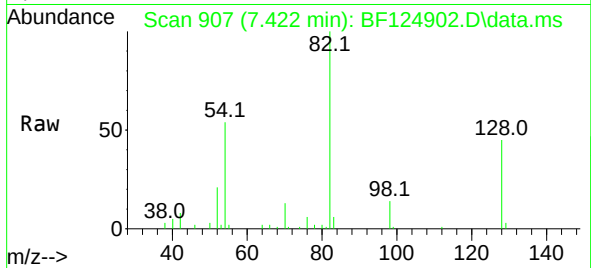




#25
Isophorone
Concen: 64.285 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.259 min
Lab File: BF124902.D
Acq: 2 Aug 2021 12:00

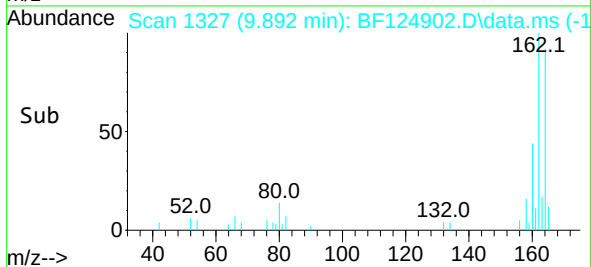
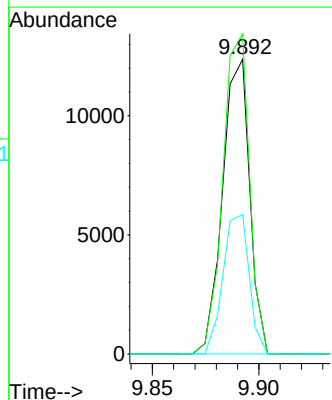
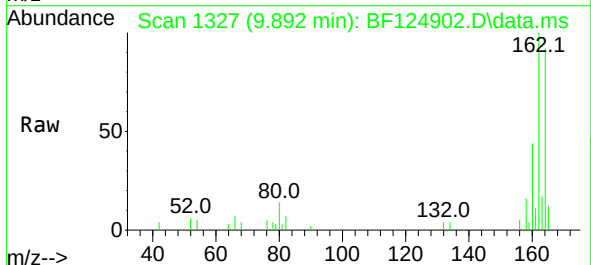
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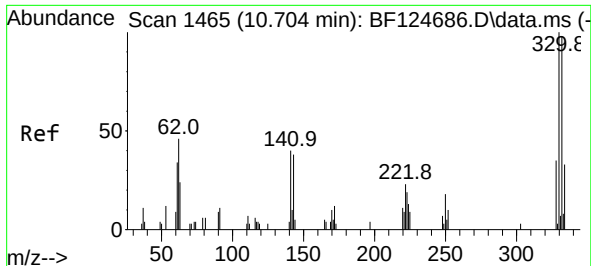
Tgt Ion: 82 Resp: 38554
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF124902.D
Acq: 2 Aug 2021 12:00

Tgt Ion: 164 Resp: 10968
Ion Ratio Lower Upper
164 100
162 108.6 81.3 121.9
160 47.3 38.0 57.0

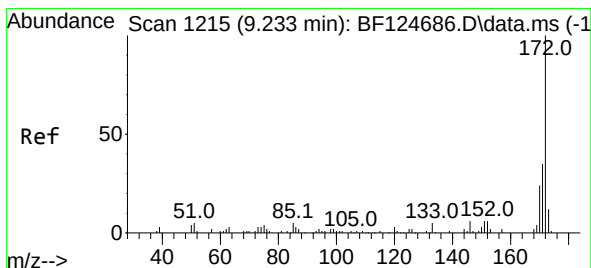
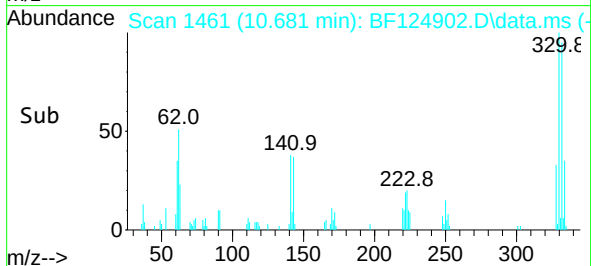
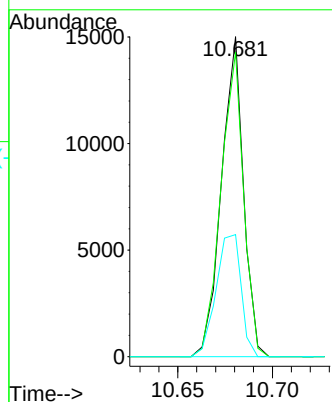
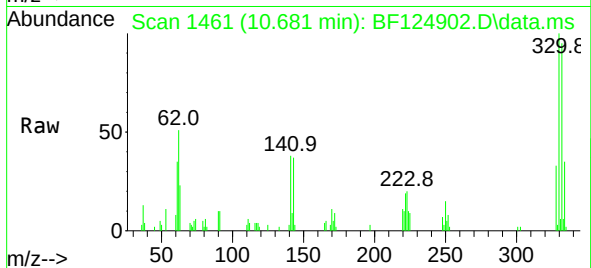




#42
2,4,6-Tribromophenol
Concen: 128.723 ng
RT: 10.681 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF124902.D
Acq: 2 Aug 2021 12:00

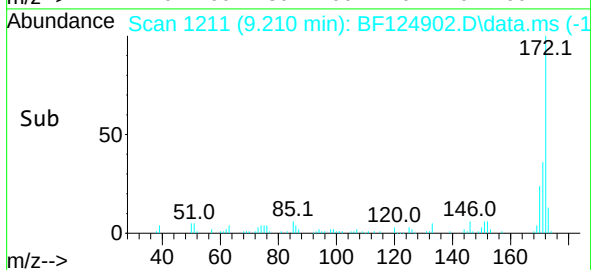
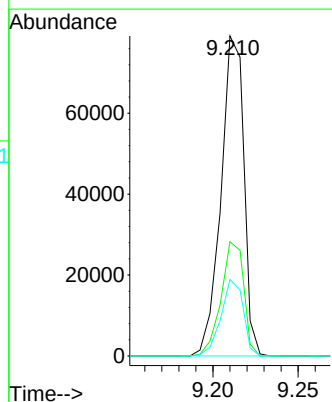
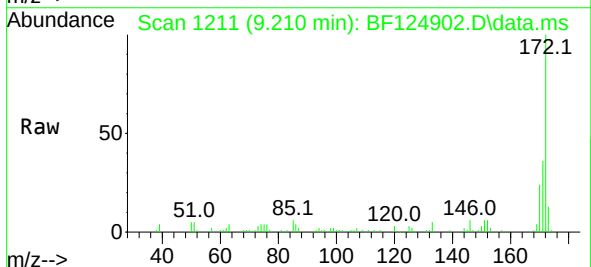
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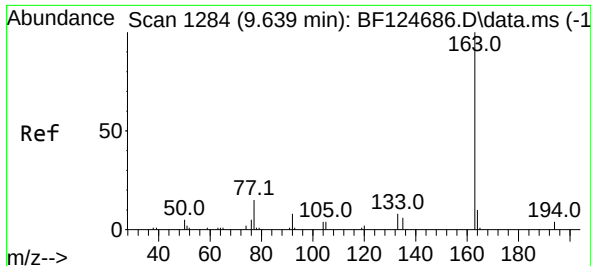
Tgt Ion: 330 Resp: 12122
Ion Ratio Lower Upper
330 100
332 98.2 76.2 114.4
141 43.5 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 98.933 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF124902.D
Acq: 2 Aug 2021 12:00

Tgt Ion: 172 Resp: 73879
Ion Ratio Lower Upper
172 100
171 35.7 26.5 39.7
170 23.9 18.8 28.2

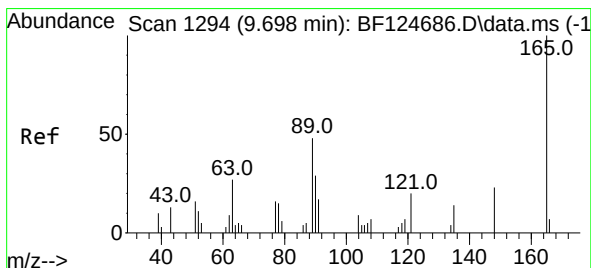
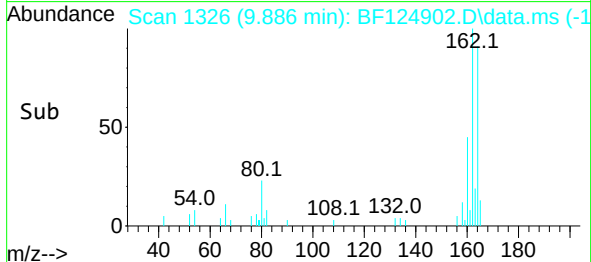
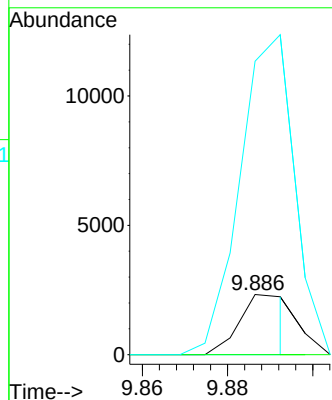
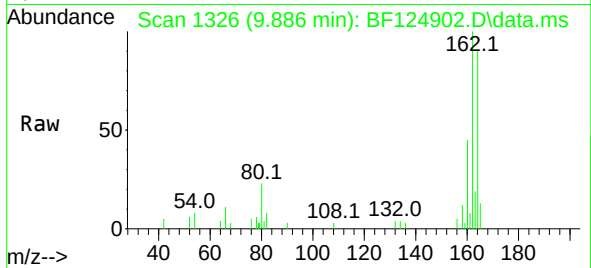




#50
Dimethylphthalate
Concen: 2.435 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.271 min
Lab File: BF124902.D
Acq: 2 Aug 2021 12:00

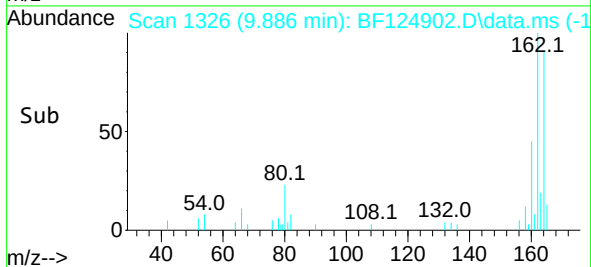
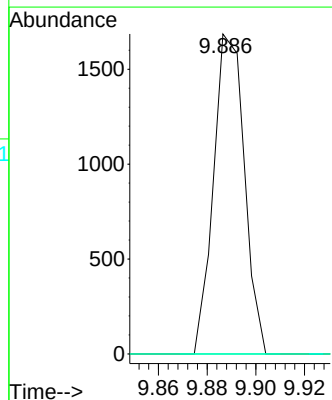
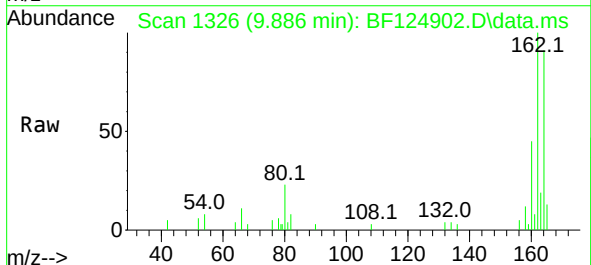
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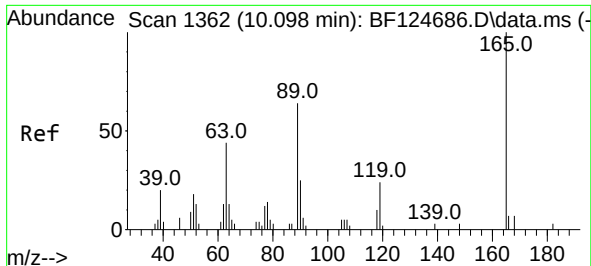
Tgt Ion:163 Resp: 1839
Ion Ratio Lower Upper
163 100
194 0.0 2.6 3.8#
164 488.1 7.4 11.0#



#51
2,6-Dinitrotoluene
Concen: 8.894 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.206 min
Lab File: BF124902.D
Acq: 2 Aug 2021 12:00

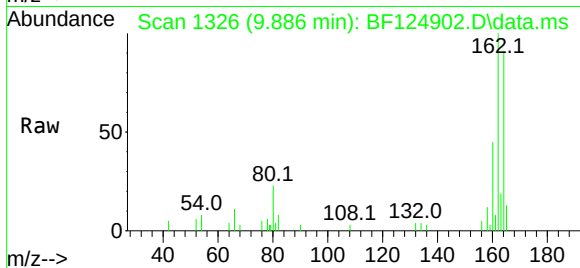
Tgt Ion:165 Resp: 1484
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



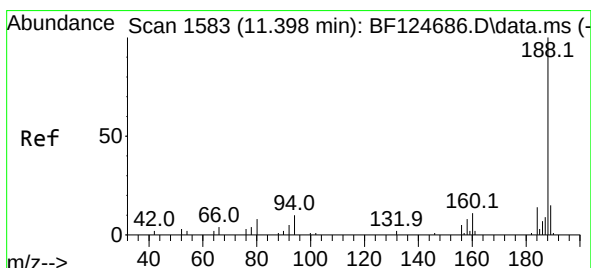
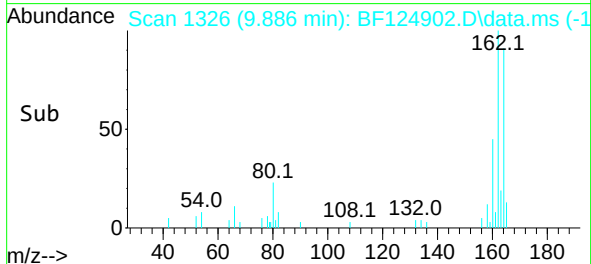
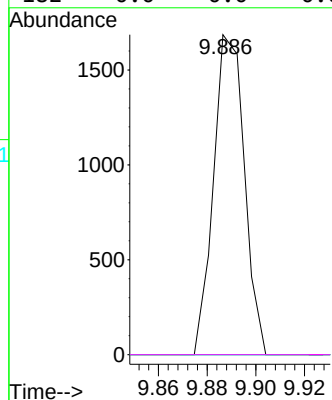


#57
2,4-Dinitrotoluene
Concen: 6.554 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.194 min
Lab File: BF124902.D
Acq: 2 Aug 2021 12:00

Instrument :
BNA_F
ClientSampleId :
20210551-COM-24

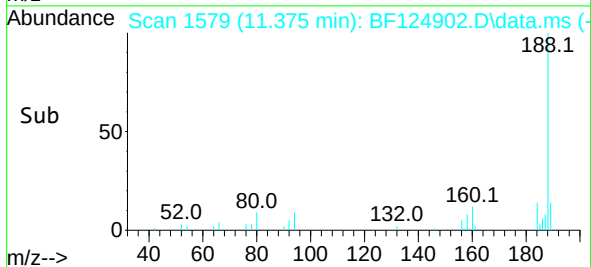
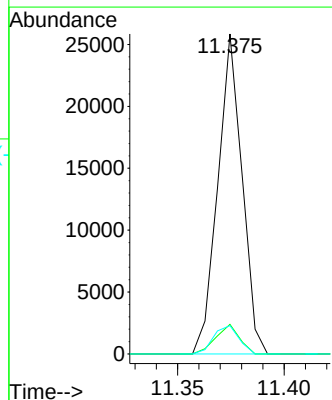
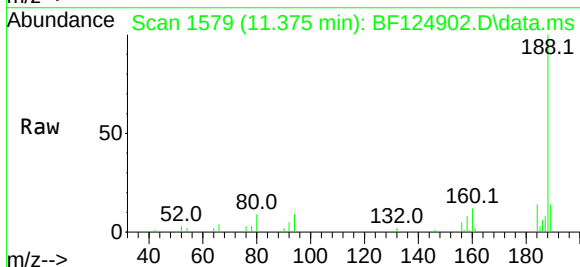


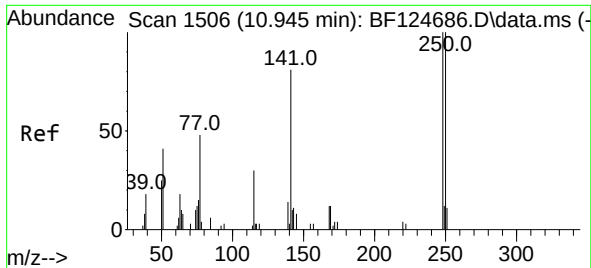
Tgt Ion:165 Resp: 1484
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF124902.D
Acq: 2 Aug 2021 12:00

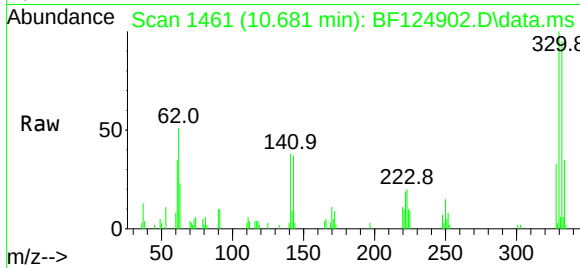
Tgt Ion:188 Resp: 20447
Ion Ratio Lower Upper
188 100
94 9.3 6.7 10.1
80 8.8 7.5 11.3



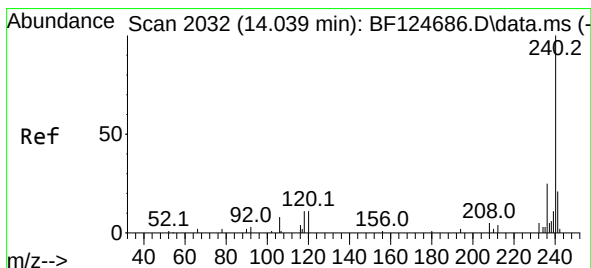
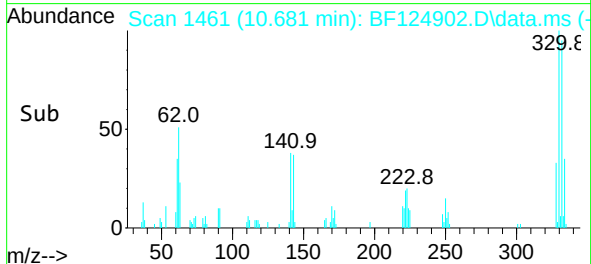
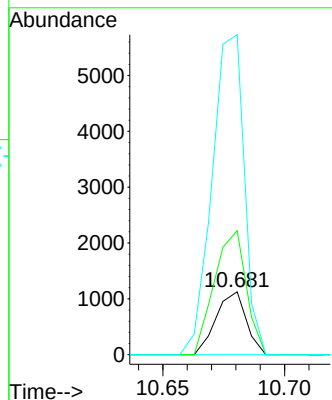


#67
4-Bromophenyl-phenylether
Concen: 4.478 ng
RT: 10.681 min Scan# 1461
Delta R.T. -0.241 min
Lab File: BF124902.D
Acq: 2 Aug 2021 12:00

Instrument :
BNA_F
ClientSampleId :
20210551-COM-24

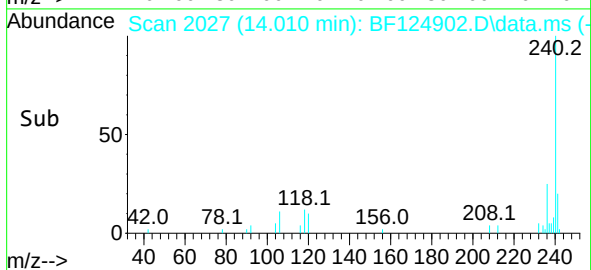
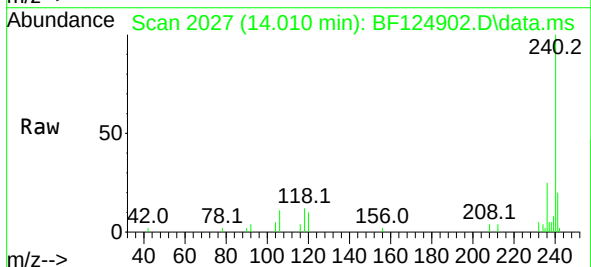
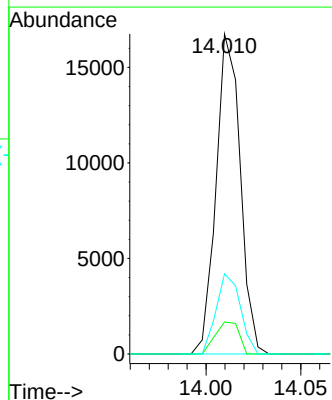


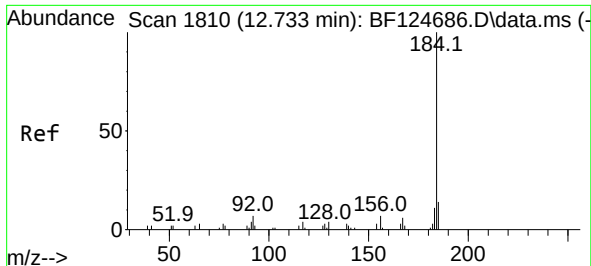
Tgt Ion:248 Resp: 971
Ion Ratio Lower Upper
248 100
250 197.3 74.2 111.4#
141 509.5 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF124902.D
Acq: 2 Aug 2021 12:00

Tgt Ion:240 Resp: 14876
Ion Ratio Lower Upper
240 100
120 10.0 10.8 16.2#
236 25.1 21.6 32.4

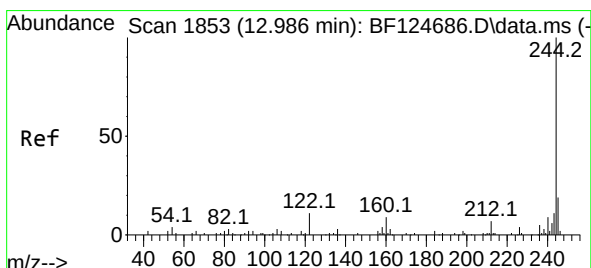
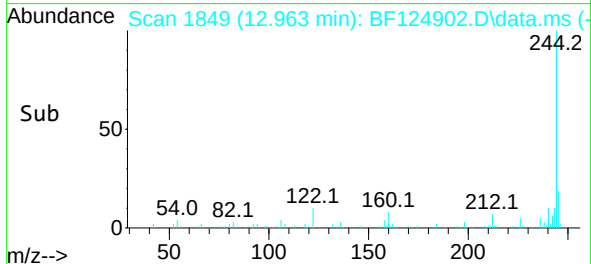
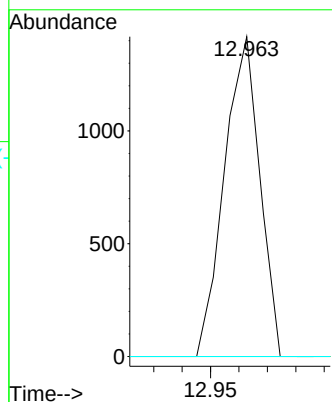
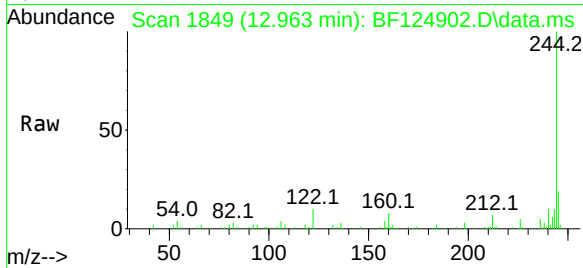




#77
Benzidine
Concen: 2.920 ng
RT: 12.963 min Scan# 1849
Delta R.T. 0.253 min
Lab File: BF124902.D
Acq: 2 Aug 2021 12:00

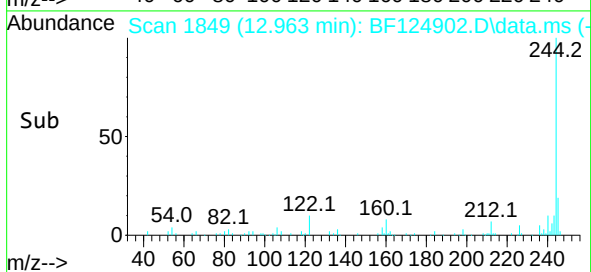
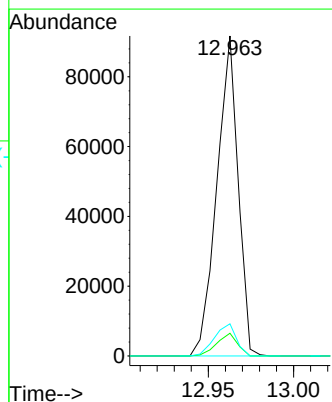
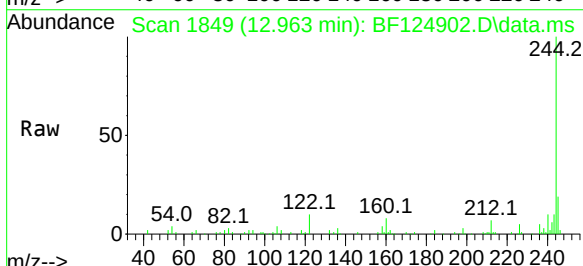
Instrument :
BNA_F
ClientSampleId :
20210551-COM-24

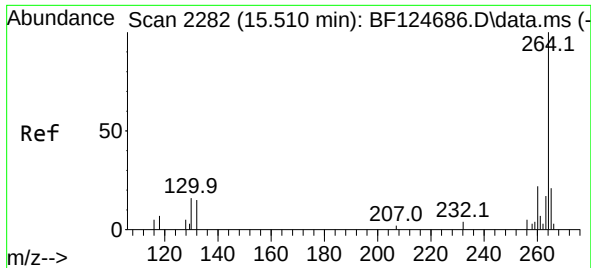
Tgt Ion:184 Resp: 1225
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#



#79
Terphenyl-d14
Concen: 91.629 ng
RT: 12.963 min Scan# 1849
Delta R.T. 0.000 min
Lab File: BF124902.D
Acq: 2 Aug 2021 12:00

Tgt Ion:244 Resp: 79519
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 10.1 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.480 min Scan# 2277
 Delta R.T. 0.000 min
 Lab File: BF124902.D
 Acq: 2 Aug 2021 12:00

Instrument :
 BNA_F
 ClientSampleId :
 20210551-COM-24

Tgt Ion:264 Resp: 10737
 Ion Ratio Lower Upper
 264 100
 260 19.5 19.6 29.4#
 265 17.1 17.2 25.8#

