

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080221\
 Data File : BF124906.D
 Acq On : 2 Aug 2021 14:11
 Operator : JU/CG
 Sample : M3241-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20210583-COM-6

Quant Time: Aug 02 15:05:32 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)

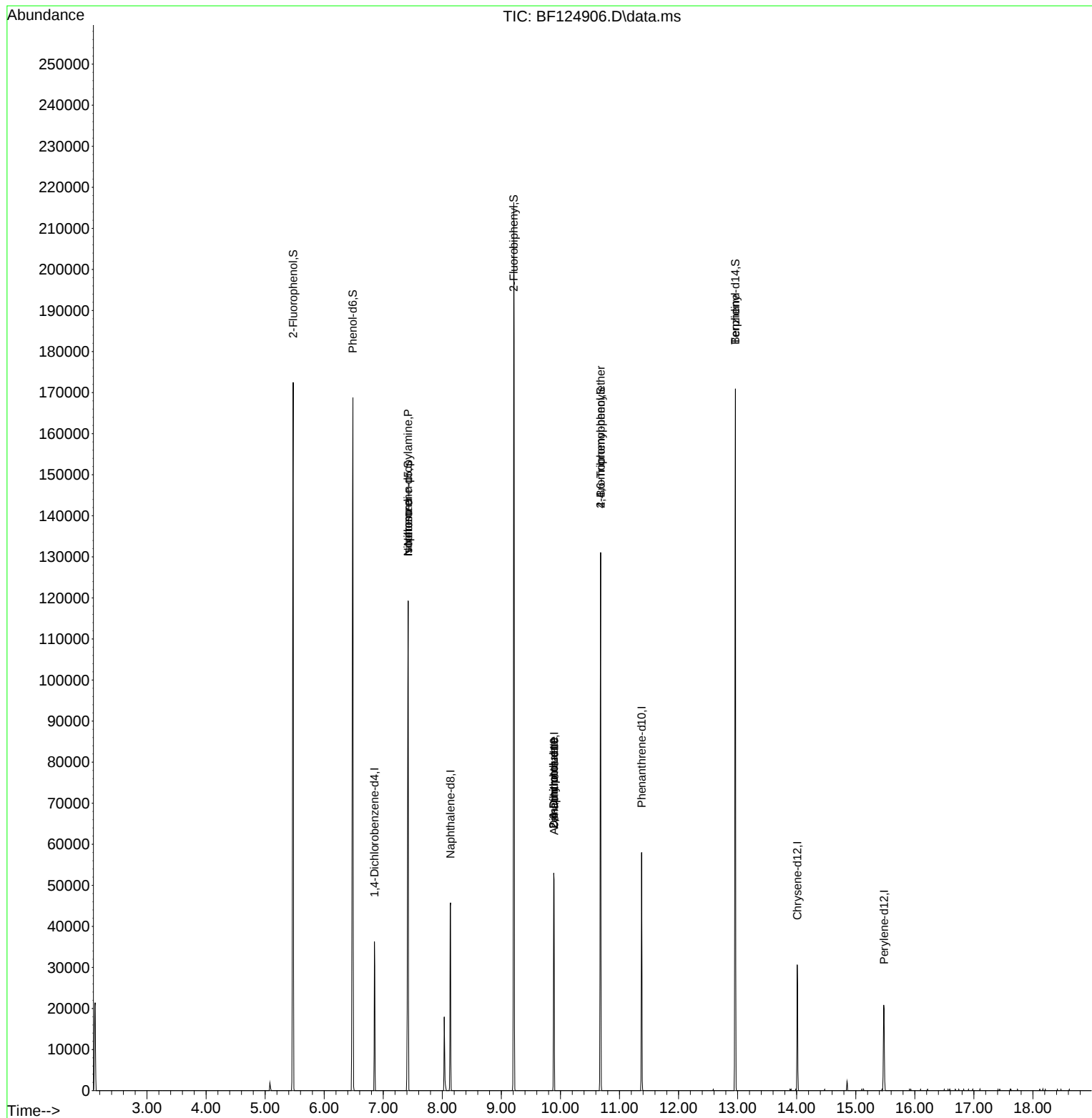
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	5209	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	21361	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	11914	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	20426	20.000	ng	0.00
76) Chrysene-d12	14.010	240	11773	20.000	ng	-0.01
86) Perylene-d12	15.480	264	11302	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	46233	150.278	ng	0.00
7) Phenol-d6	6.487	99	57417	148.870	ng	0.00
23) Nitrobenzene-d5	7.422	82	36657	102.137	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	12532	122.511	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	67016	82.617	ng	0.00
79) Terphenyl-d14	12.963	244	55925	81.427	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	4982	24.190	ng	# 63
25) Isophorone	7.422	82	36657	57.763	ng	# 59
50) Dimethylphthalate	9.886	163	1781	2.171	ng	# 1
51) 2,6-Dinitrotoluene	9.886	165	1632	9.005	ng	# 26
57) 2,4-Dinitrotoluene	9.886	165	1632	6.636	ng	# 18
67) 4-Bromophenyl-phenylether	10.680	248	849	3.919	ng	# 1
77) Benzidine	12.963	184	784	2.362	ng	# 69

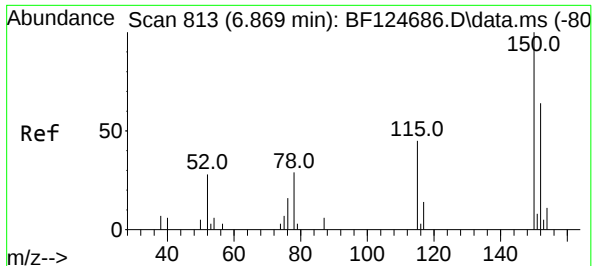
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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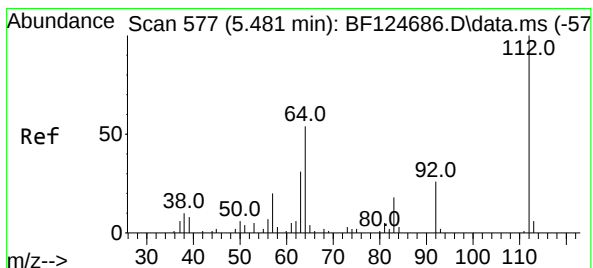
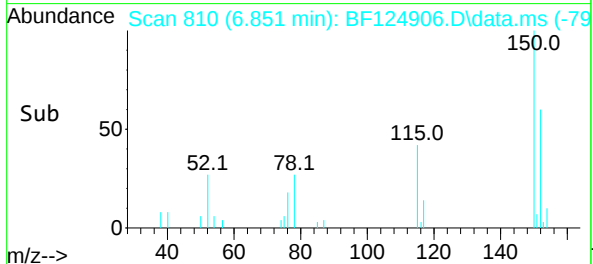
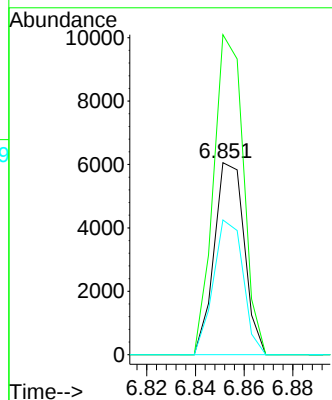
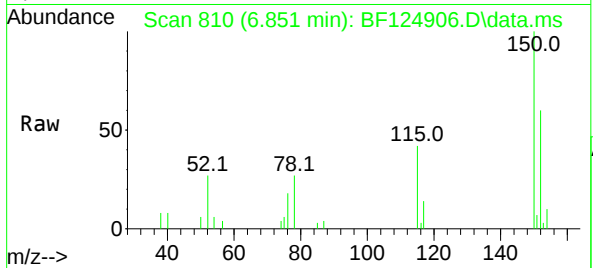




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF124906.D
Acq: 2 Aug 2021 14:11

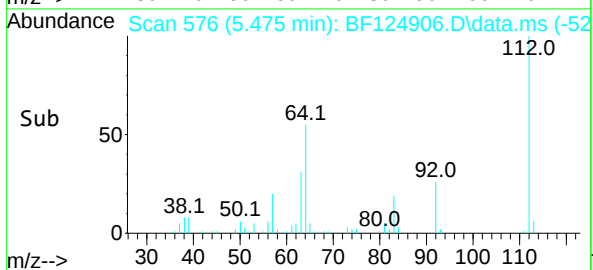
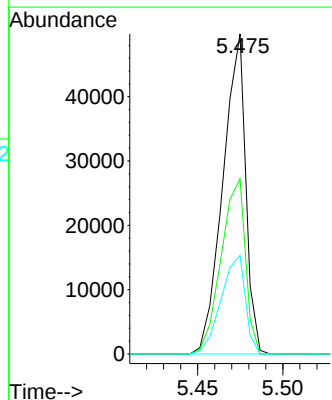
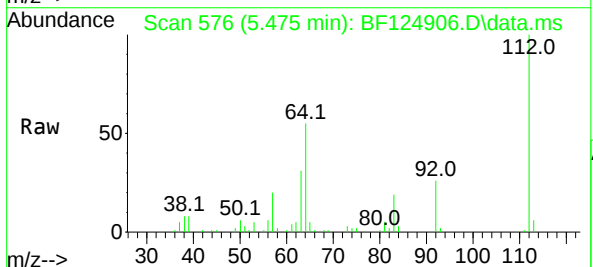
Instrument :
BNA_F
ClientSampleId :
20210583-COM-6

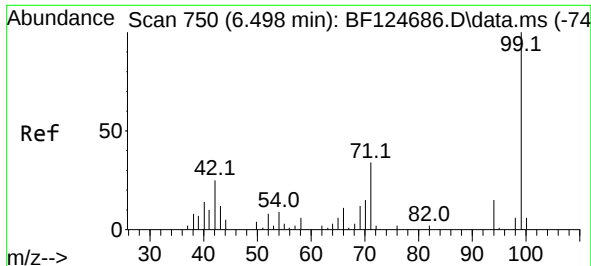
Tgt Ion:152 Resp: 5209
Ion Ratio Lower Upper
152 100
150 166.6 117.6 176.4
115 70.2 47.1 70.7



#5
2-Fluorophenol
Concen: 150.278 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.000 min
Lab File: BF124906.D
Acq: 2 Aug 2021 14:11

Tgt Ion:112 Resp: 46233
Ion Ratio Lower Upper
112 100
64 54.7 44.2 66.2
63 30.8 26.2 39.2

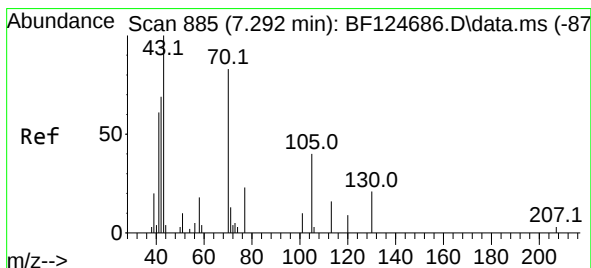
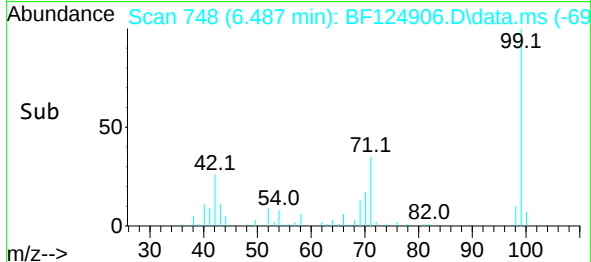
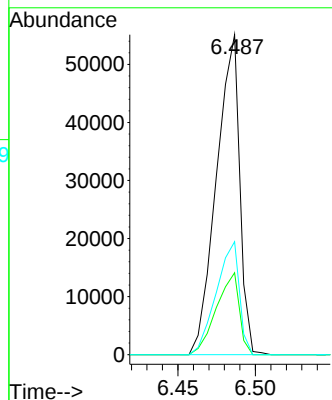
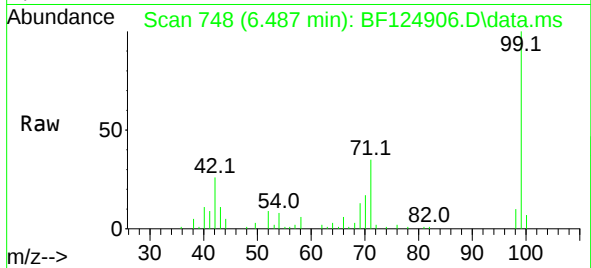




#7
Phenol-d6
Concen: 148.870 ng
RT: 6.487 min Scan# 748
Delta R.T. 0.000 min
Lab File: BF124906.D
Acq: 2 Aug 2021 14:11

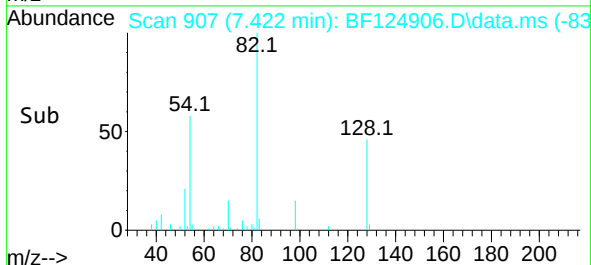
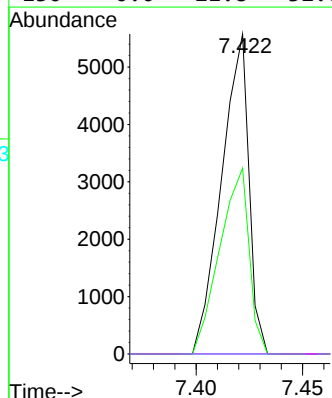
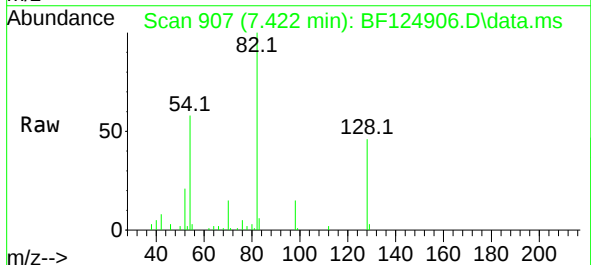
Instrument :
BNA_F
ClientSampleId :
20210583-COM-6

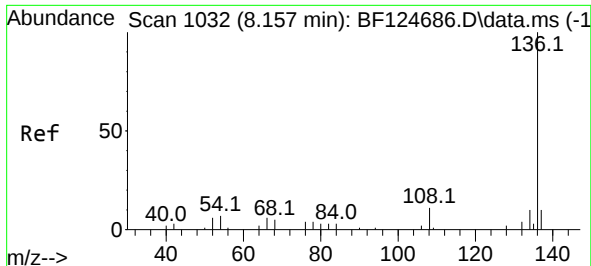
Tgt Ion:	99	Resp:	57417
Ion	Ratio	Lower	Upper
99	100		
42	25.6	23.5	35.3
71	35.3	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 24.190 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.147 min
Lab File: BF124906.D
Acq: 2 Aug 2021 14:11

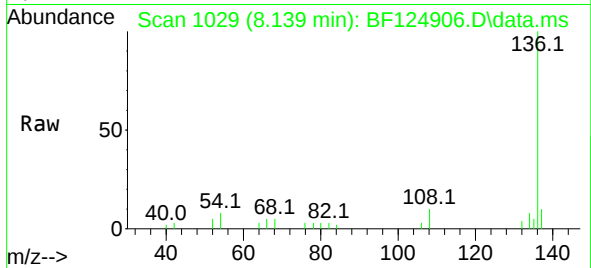
Tgt Ion:	70	Resp:	4982
Ion	Ratio	Lower	Upper
70	100		
42	58.1	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#



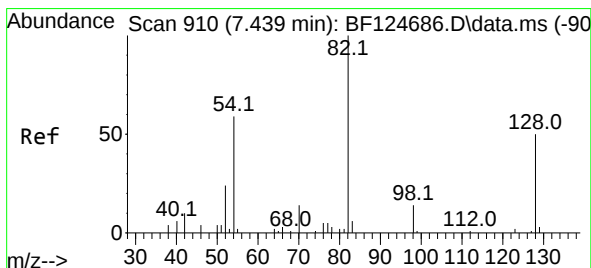
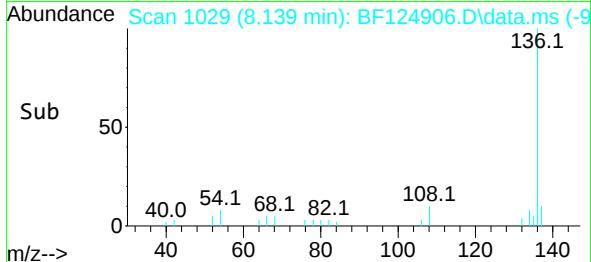
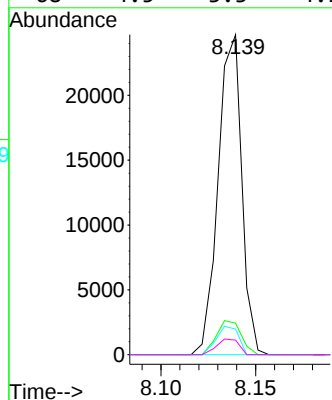


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF124906.D
Acq: 2 Aug 2021 14:11

Instrument :
BNA_F
ClientSampleId :
20210583-COM-6

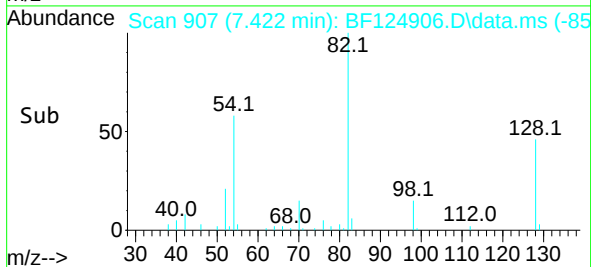
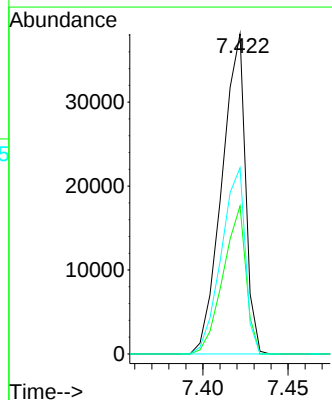
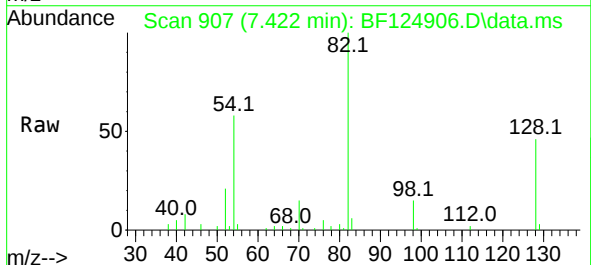


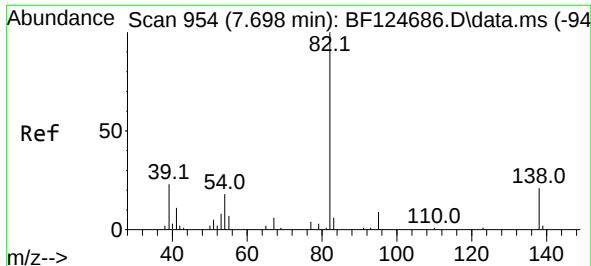
Tgt Ion:136 Resp: 21361
Ion Ratio Lower Upper
136 100
137 9.8 9.8 14.6
54 8.0 6.4 9.6
68 4.5 3.3 4.9



#23
Nitrobenzene-d5
Concen: 102.137 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF124906.D
Acq: 2 Aug 2021 14:11

Tgt Ion: 82 Resp: 36657
Ion Ratio Lower Upper
82 100
128 46.2 40.6 60.8
54 58.2 49.6 74.4

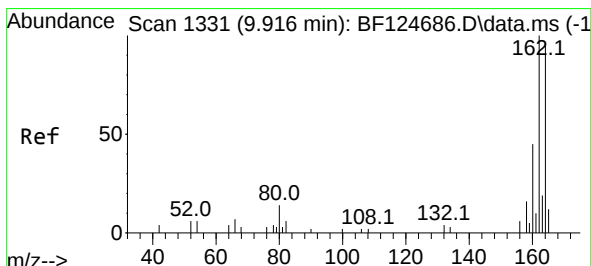
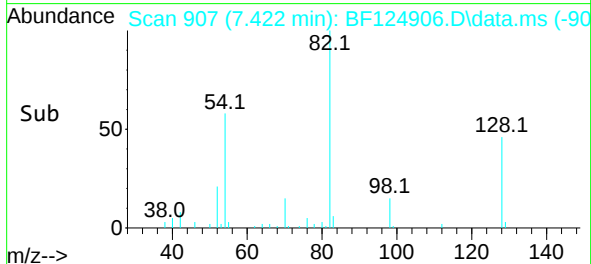
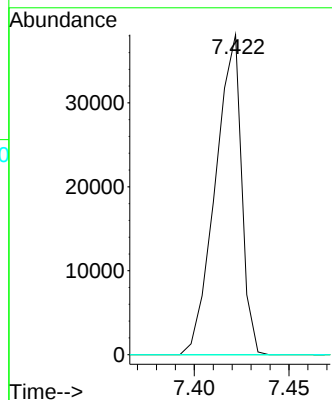
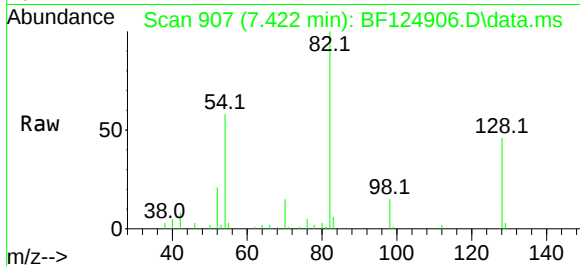




#25
Isophorone
Concen: 57.763 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.259 min
Lab File: BF124906.D
Acq: 2 Aug 2021 14:11

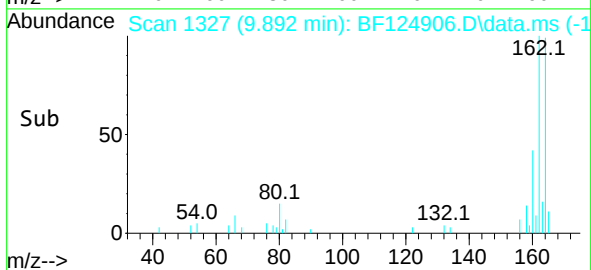
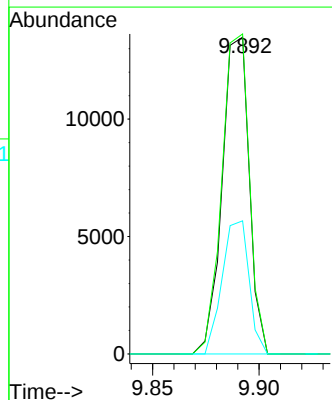
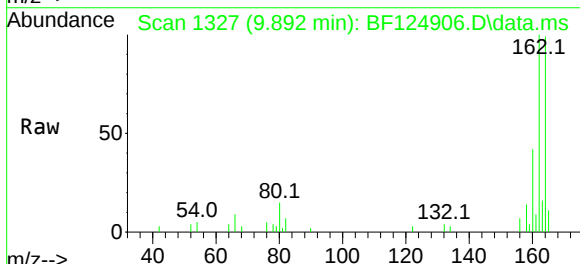
Instrument :
BNA_F
ClientSampleId :
20210583-COM-6

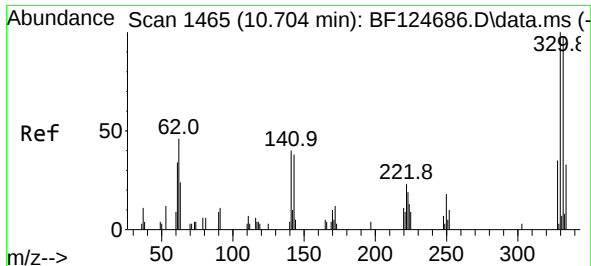
Tgt Ion: 82 Resp: 36657
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF124906.D
Acq: 2 Aug 2021 14:11

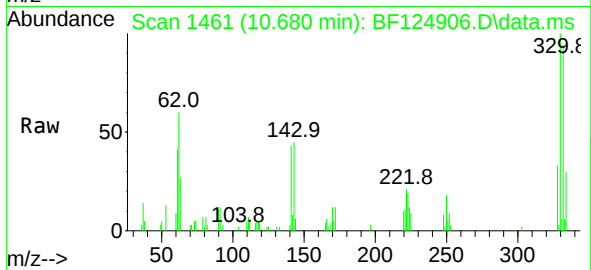
Tgt Ion:164 Resp: 11914
Ion Ratio Lower Upper
164 100
162 101.0 81.3 121.9
160 42.0 38.0 57.0



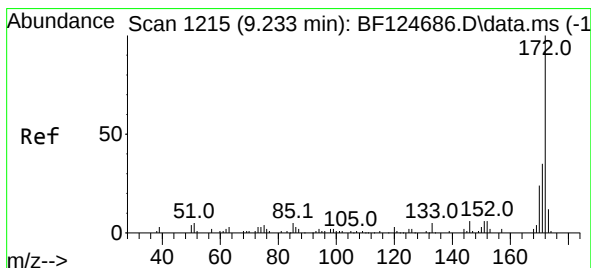
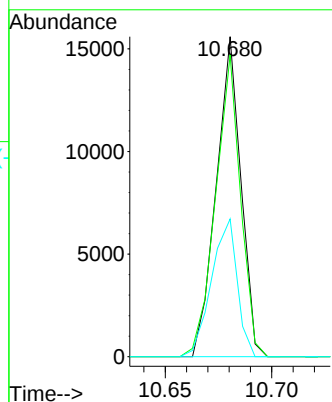
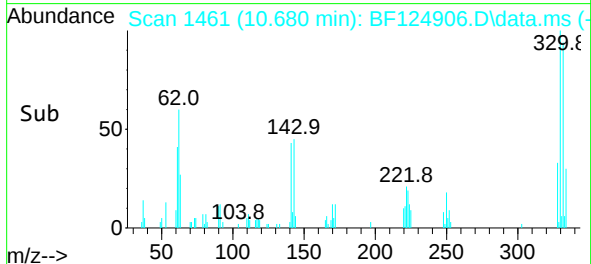


#42
2,4,6-Tribromophenol
Concen: 122.511 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF124906.D
Acq: 2 Aug 2021 14:11

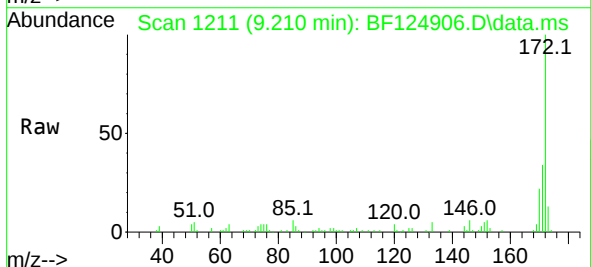
Instrument :
BNA_F
ClientSampleId :
20210583-COM-6



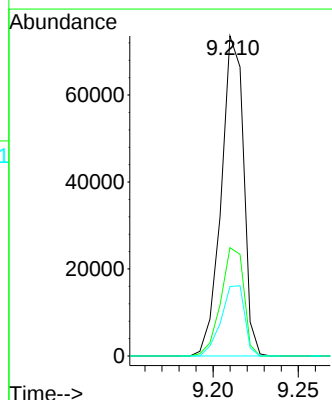
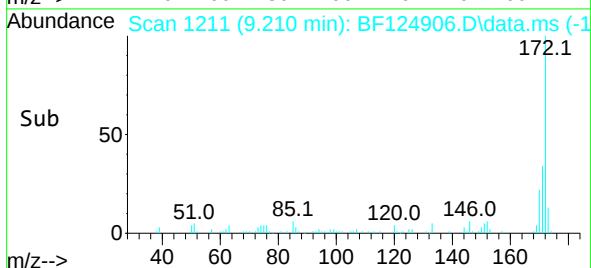
Tgt Ion: 330 Resp: 12532
Ion Ratio Lower Upper
330 100
332 95.4 76.2 114.4
141 44.8 44.6 66.8

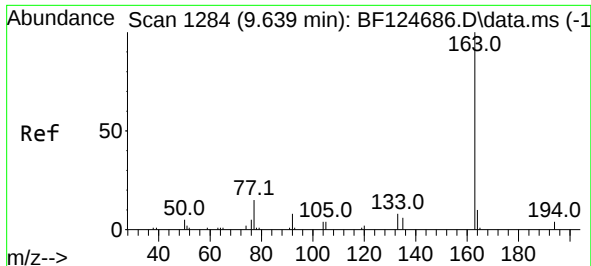


#45
2-Fluorobiphenyl
Concen: 82.617 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF124906.D
Acq: 2 Aug 2021 14:11



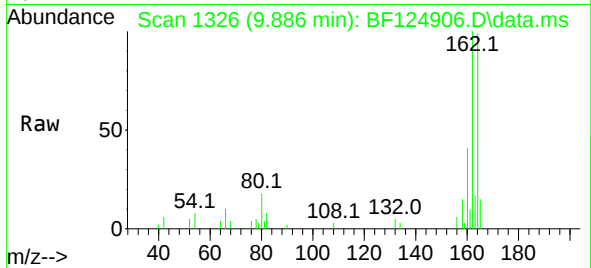
Tgt Ion: 172 Resp: 67016
Ion Ratio Lower Upper
172 100
171 33.9 26.5 39.7
170 21.7 18.8 28.2



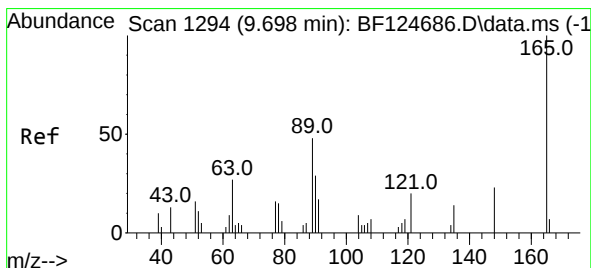
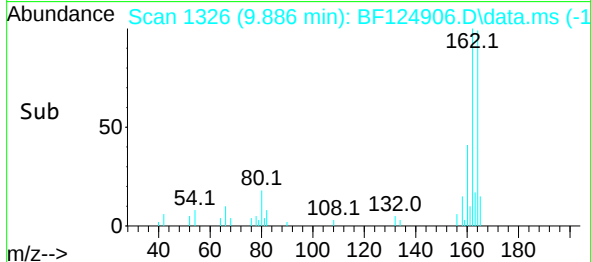
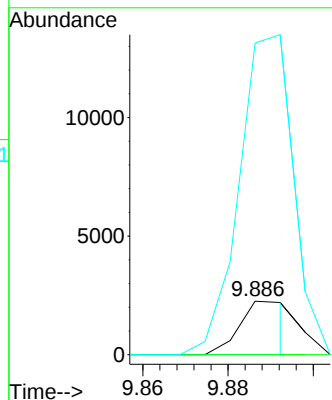


#50
Dimethylphthalate
Concen: 2.171 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.271 min
Lab File: BF124906.D
Acq: 2 Aug 2021 14:11

Instrument :
BNA_F
ClientSampleId :
20210583-COM-6

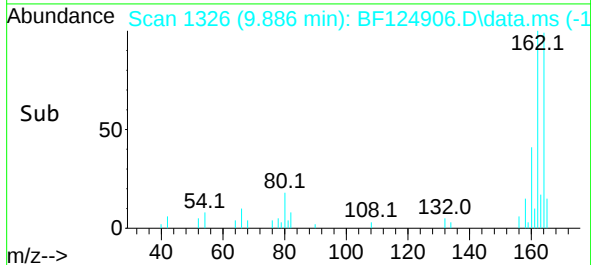
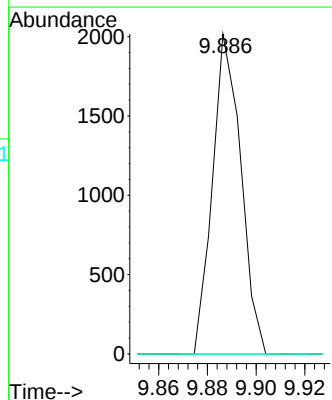
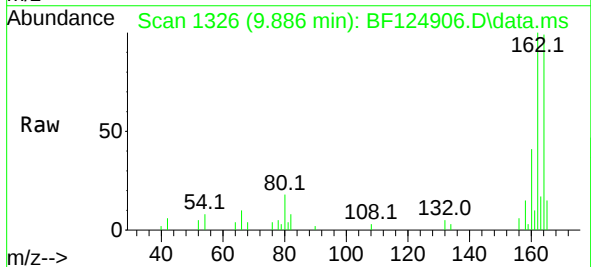


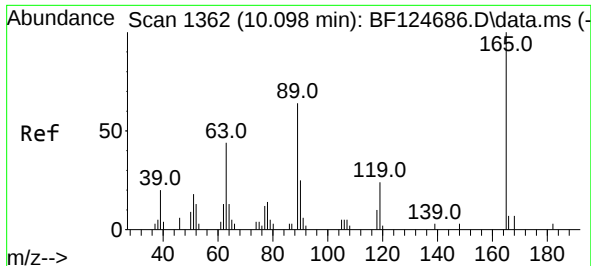
Tgt Ion:163 Resp: 1781
Ion Ratio Lower Upper
163 100
194 0.0 2.6 3.8#
164 582.5 7.4 11.0#



#51
2,6-Dinitrotoluene
Concen: 9.005 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.206 min
Lab File: BF124906.D
Acq: 2 Aug 2021 14:11

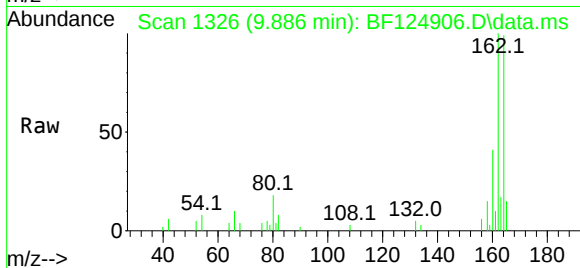
Tgt Ion:165 Resp: 1632
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



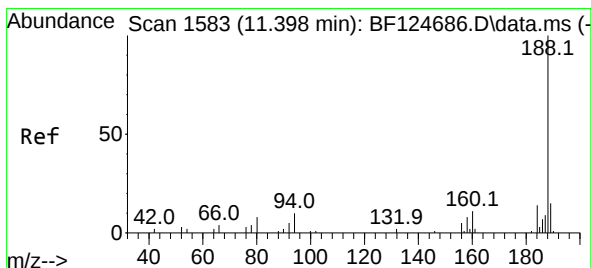
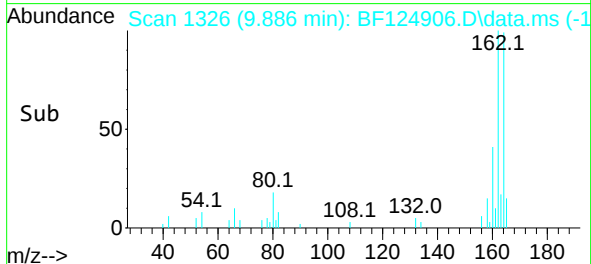
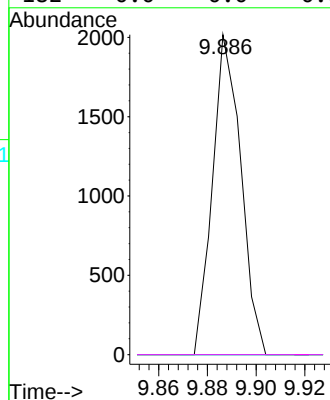


#57
2,4-Dinitrotoluene
Concen: 6.636 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.194 min
Lab File: BF124906.D
Acq: 2 Aug 2021 14:11

Instrument :
BNA_F
ClientSampleId :
20210583-COM-6

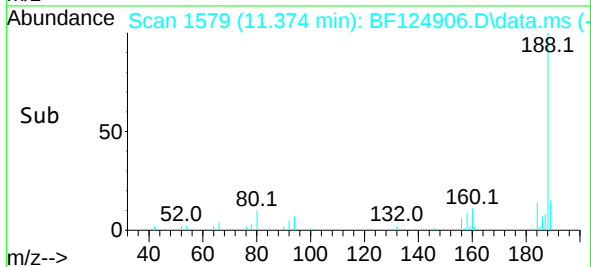
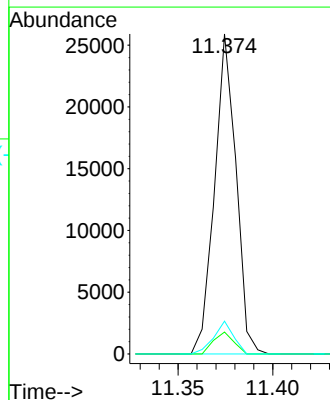
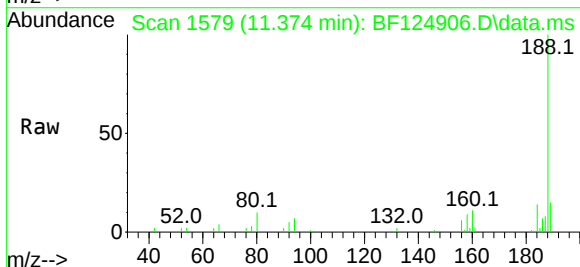


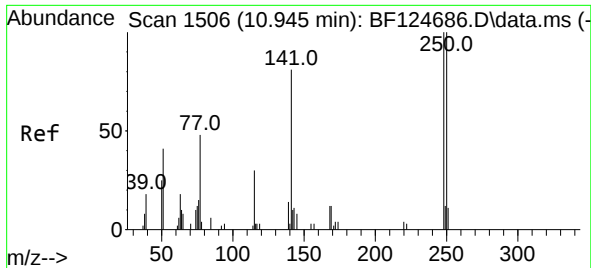
Tgt Ion:165 Resp: 1632
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF124906.D
Acq: 2 Aug 2021 14:11

Tgt Ion:188 Resp: 20426
Ion Ratio Lower Upper
188 100
94 6.9 6.7 10.1
80 10.2 7.5 11.3

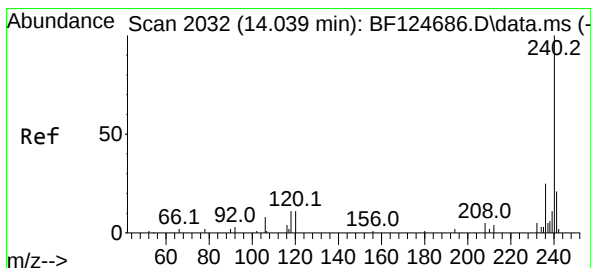
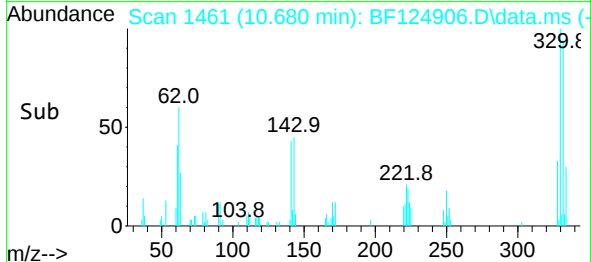
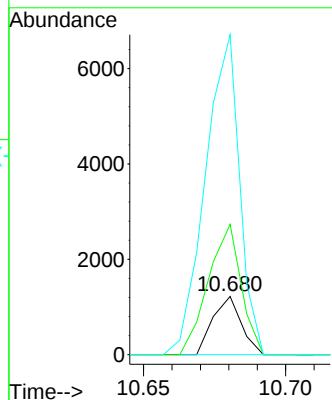
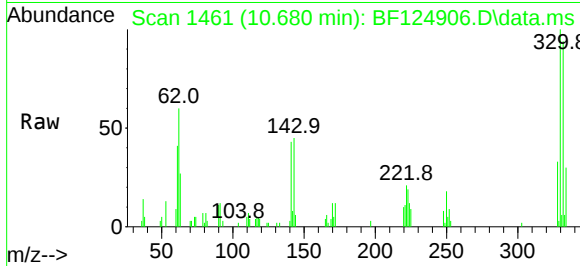




#67
4-Bromophenyl-phenylether
Concen: 3.919 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.241 min
Lab File: BF124906.D
Acq: 2 Aug 2021 14:11

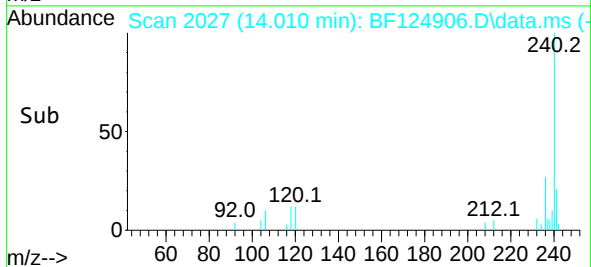
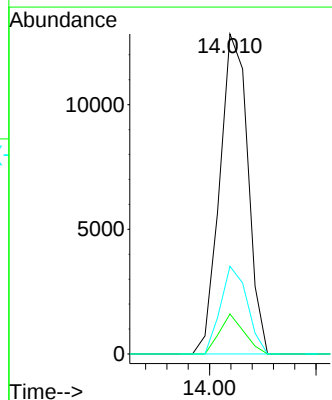
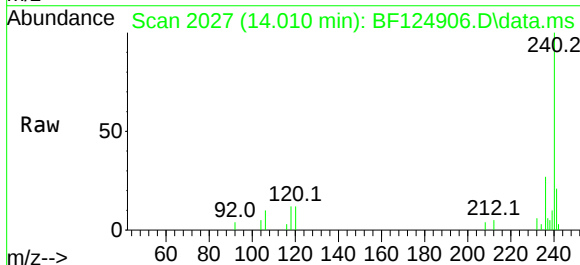
Instrument :
BNA_F
ClientSampleId :
20210583-COM-6

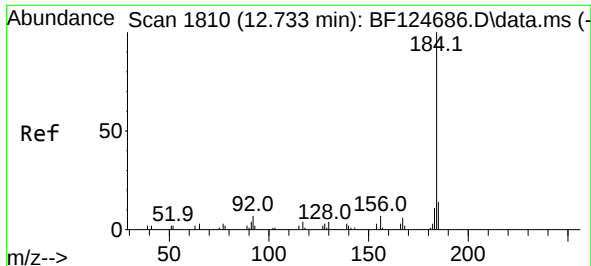
Tgt Ion:248 Resp: 849
Ion Ratio Lower Upper
248 100
250 223.8 74.2 111.4#
141 549.2 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF124906.D
Acq: 2 Aug 2021 14:11

Tgt Ion:240 Resp: 11773
Ion Ratio Lower Upper
240 100
120 12.5 10.8 16.2
236 27.4 21.6 32.4

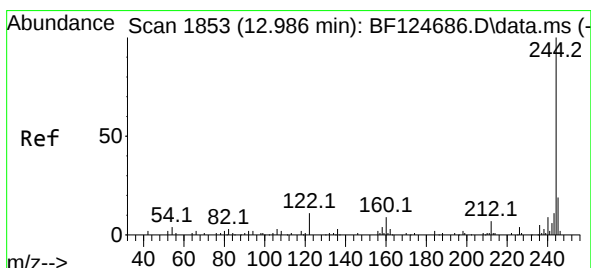
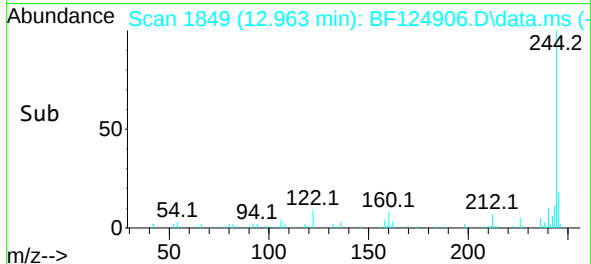
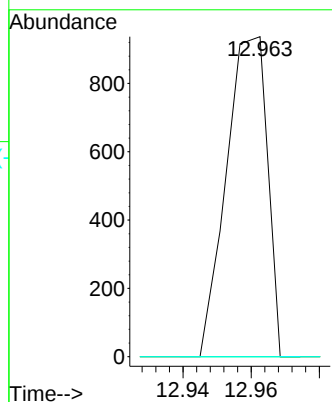
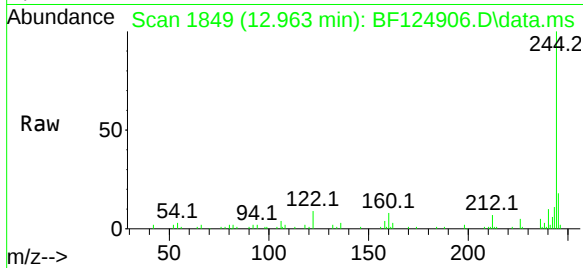




#77
Benzidine
Concen: 2.362 ng
RT: 12.963 min Scan# 1849
Delta R.T. 0.253 min
Lab File: BF124906.D
Acq: 2 Aug 2021 14:11

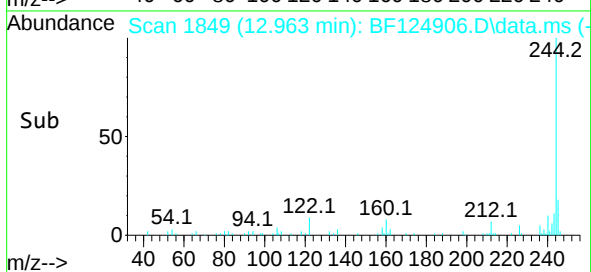
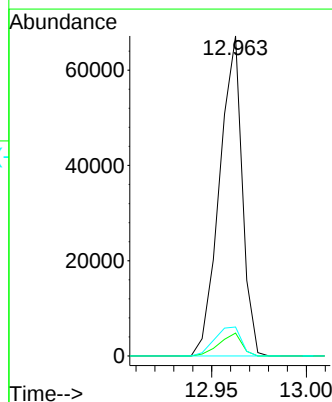
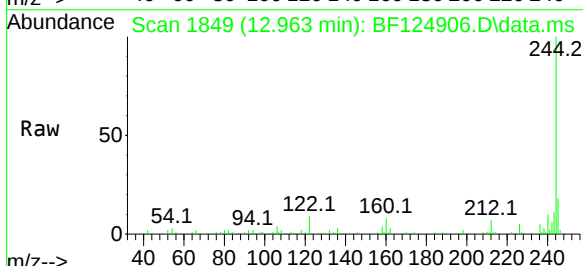
Instrument :
BNA_F
ClientSampleId :
20210583-COM-6

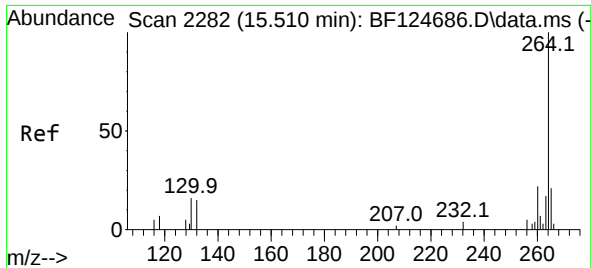
Tgt Ion:184 Resp: 784
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#



#79
Terphenyl-d14
Concen: 81.427 ng
RT: 12.963 min Scan# 1849
Delta R.T. 0.000 min
Lab File: BF124906.D
Acq: 2 Aug 2021 14:11

Tgt Ion:244 Resp: 55925
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 9.1 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: BF124906.D
 Acq: 2 Aug 2021 14:11

Instrument :
 BNA_F
 ClientSampleId :
 20210583-COM-6

Tgt Ion:	264	Resp:	11302
Ion Ratio	Lower	Upper	
264	100		
260	20.9	19.6	29.4
265	23.0	17.2	25.8

