

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073021\
 Data File : BF124877.D
 Acq On : 30 Jul 2021 15:39
 Operator : JU/CG
 Sample : M3210-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5(1.0-5.0)

Quant Time: Jul 30 16:11:36 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 15:28:57 2021
 Response via : Initial Calibration

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

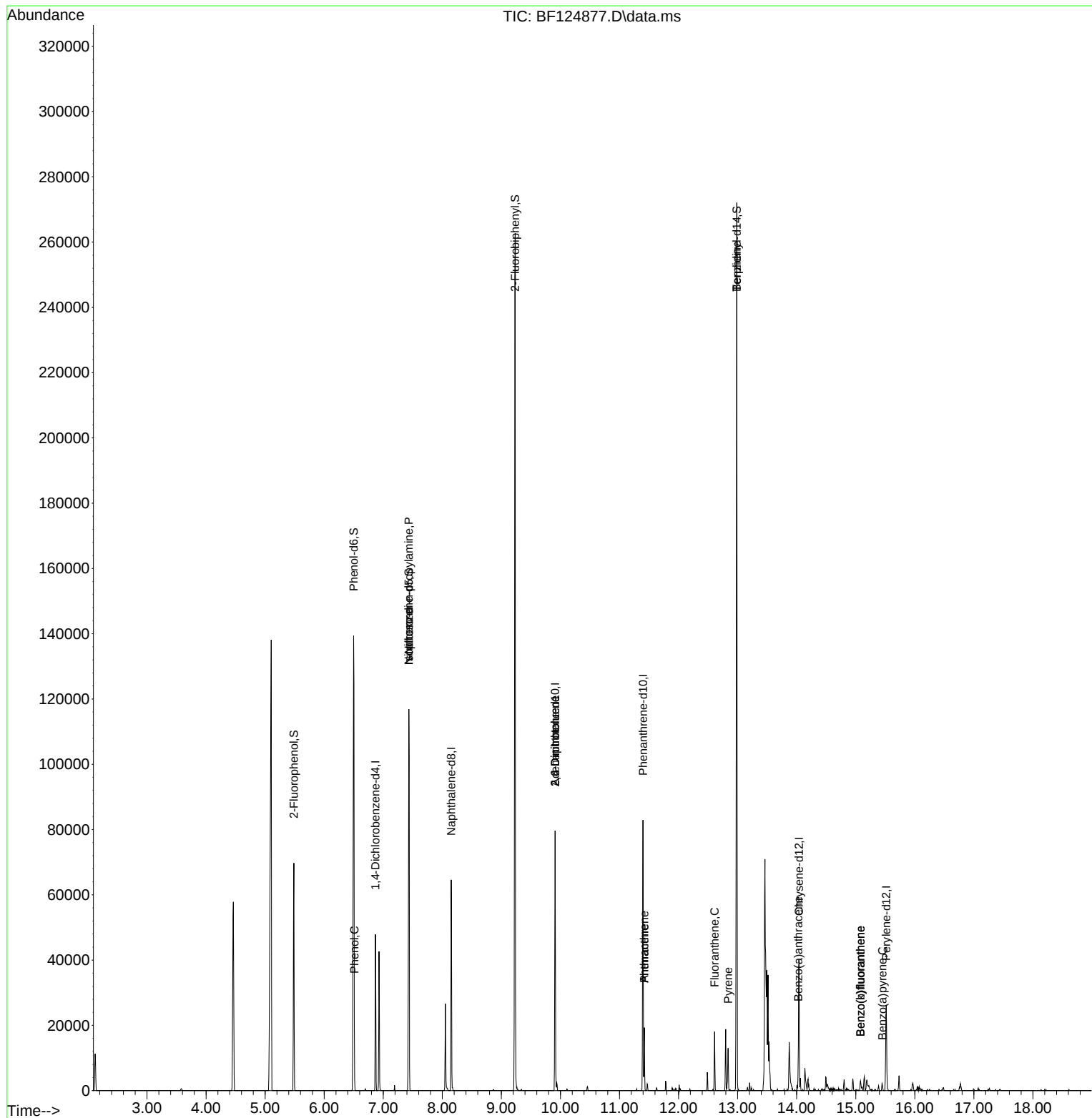
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	6414	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	26347	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	16307	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	29568	20.000	ng	0.00
76) Chrysene-d12	14.039	240	15295	20.000	ng	# 0.00
86) Perylene-d12	15.515	264	13672	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	17013	44.911	ng	0.00
7) Phenol-d6	6.498	99	48649	102.439	ng	0.00
23) Nitrobenzene-d5	7.434	82	39063	88.243	ng	0.00
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	9.233	172	83632	75.326	ng	0.00
79) Terphenyl-d14	12.986	244	86858	97.344	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.510	94	2352	5.172	ng	90
19) n-Nitroso-di-n-propyla...	7.434	70	5135	20.249	ng	# 69
25) Isophorone	7.434	82	39061	49.903	ng	# 59
51) 2,6-Dinitrotoluene	9.910	165	1891	7.623	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	1891	5.617	ng	# 18
71) Phenanthrene	11.422	178	7212	4.535	ng	# 97
72) Anthracene	11.422	178	7212	4.536	ng	97
75) Fluoranthene	12.610	202	7570	4.665	ng	97
77) Benzidine	12.986	184	1380	3.200	ng	# 69
78) Pyrene	12.839	202	6185	5.108	ng	98
81) Benzo(a)anthracene	14.027	228	2541	2.542	ng	93
88) Benzo(b)fluoranthene	15.080	252	3648	3.790	ng	# 85
89) Benzo(k)fluoranthene	15.080	252	3648	4.148	ng	# 91
90) Benzo(a)pyrene	15.451	252	1730	2.151	ng	# 58

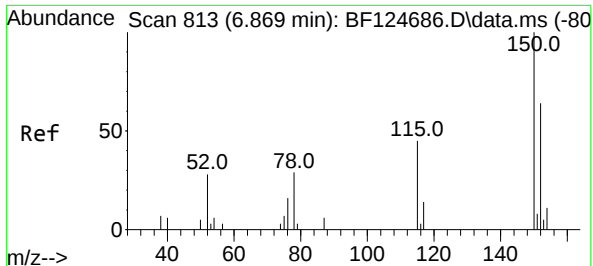
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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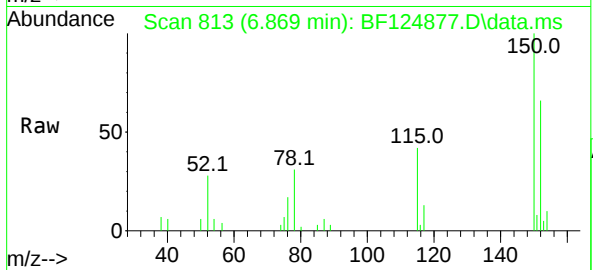
Quant Time: Jul 30 16:11:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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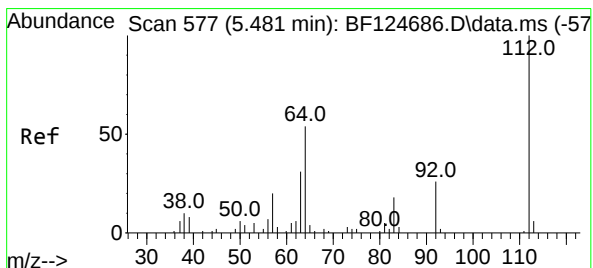
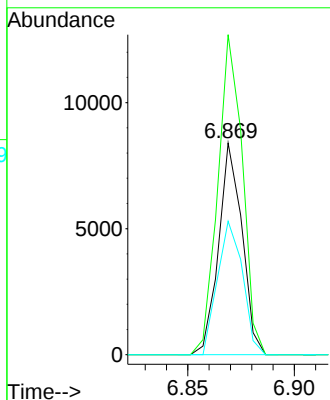
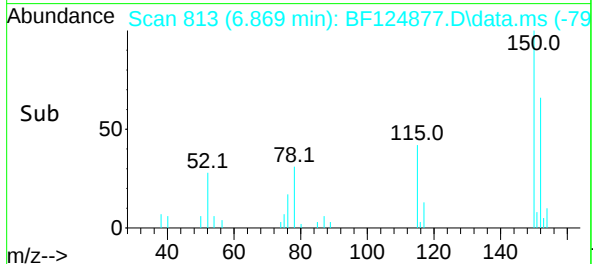


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124877.D
Acq: 30 Jul 2021 15:39

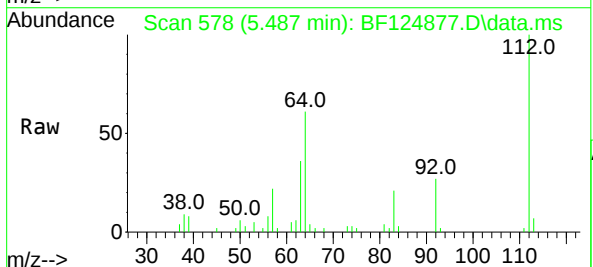
Instrument :
BNA_F
ClientSampleId :
SB-5(1.0-5.0)



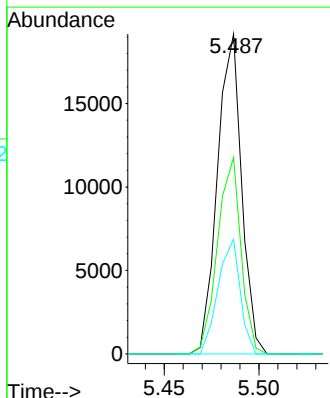
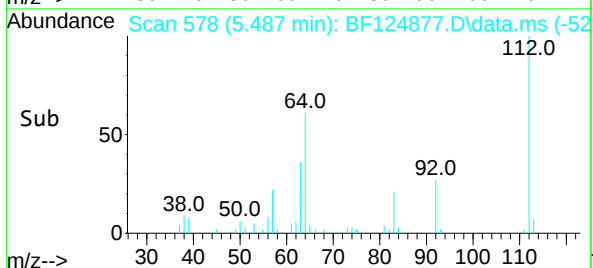
Tgt Ion:152 Resp: 6414
Ion Ratio Lower Upper
152 100
150 151.2 117.6 176.4
115 63.1 47.1 70.7

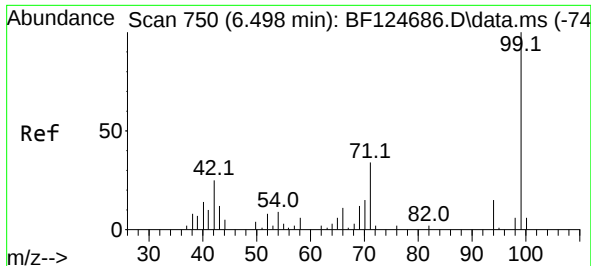


#5
2-Fluorophenol
Concen: 44.911 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF124877.D
Acq: 30 Jul 2021 15:39



Tgt Ion:112 Resp: 17013
Ion Ratio Lower Upper
112 100
64 61.4 44.2 66.2
63 35.8 26.2 39.2

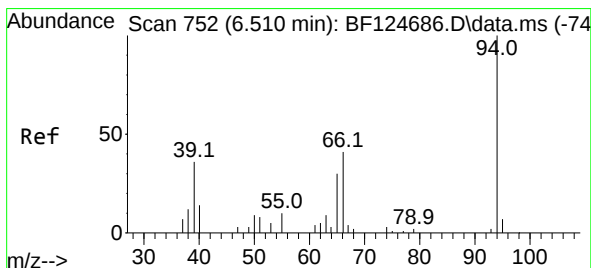
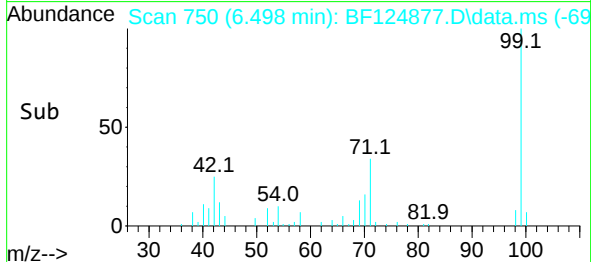
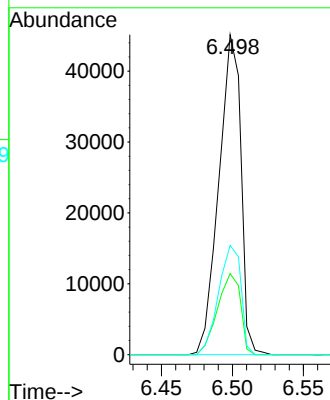
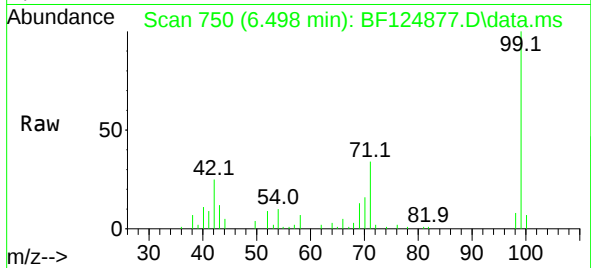




#7
Phenol-d6
Concen: 102.439 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF124877.D
Acq: 30 Jul 2021 15:39

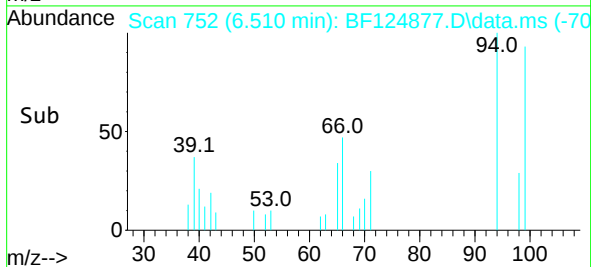
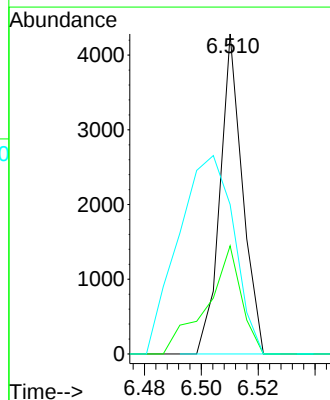
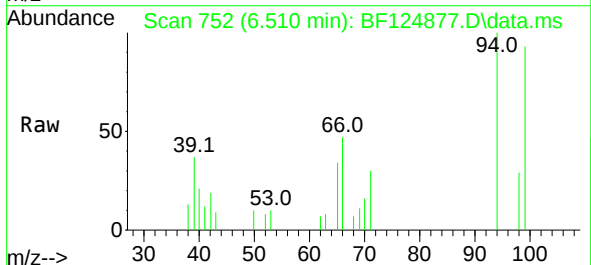
Instrument :
BNA_F
ClientSampleId :
SB-5(1.0-5.0)

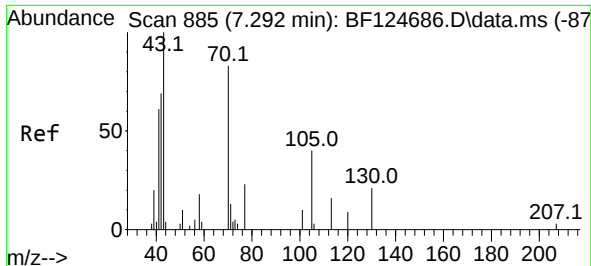
Tgt Ion:	99	Resp:	48649
Ion	Ratio	Lower	Upper
99	100		
42	25.4	23.5	35.3
71	34.2	25.6	38.4



#10
Phenol
Concen: 5.172 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF124877.D
Acq: 30 Jul 2021 15:39

Tgt Ion:	94	Resp:	2352
Ion	Ratio	Lower	Upper
94	100		
65	33.8	9.3	49.3
66	46.7	20.3	60.3

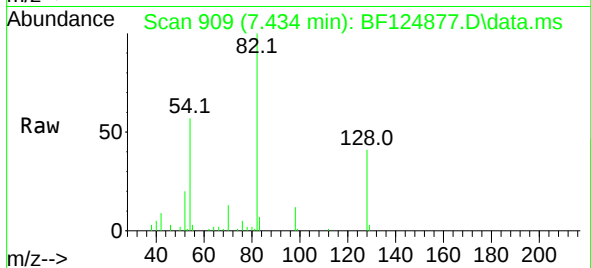




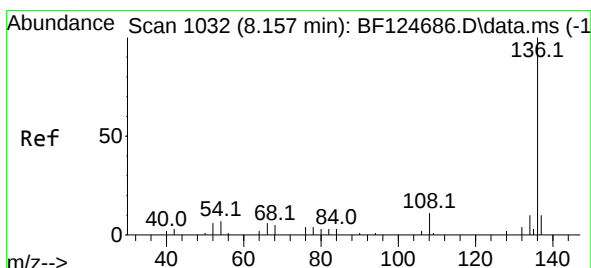
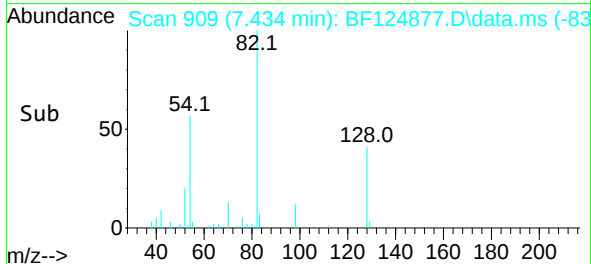
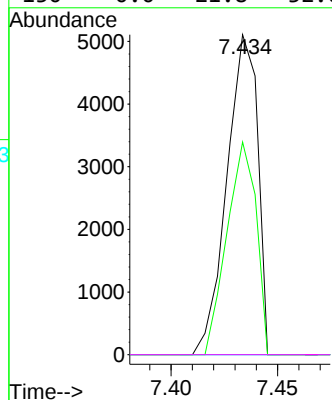
#19

n-Nitroso-di-n-propylamine
Concen: 20.249 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF124877.D
Acq: 30 Jul 2021 15:39

Instrument :
BNA_F
ClientSampleId :
SB-5(1.0-5.0)

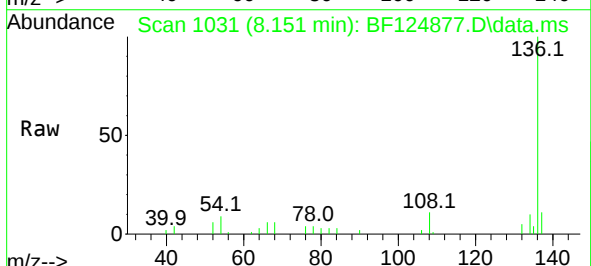


Tgt Ion: 70	Resp: 5135
Ion Ratio	Lower Upper
70	100
42	66.5 72.2 108.2#
101	0.0 7.8 11.8#
130	0.0 21.8 32.6#

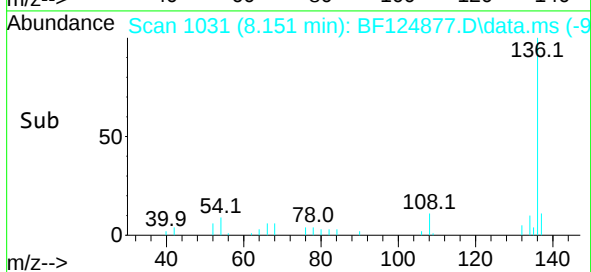
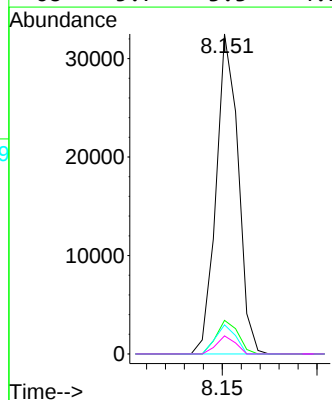


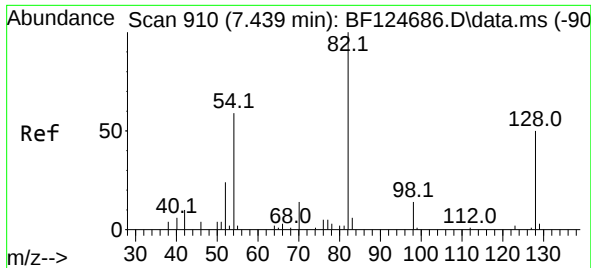
#21

Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124877.D
Acq: 30 Jul 2021 15:39



Tgt Ion: 136	Resp: 26347
Ion Ratio	Lower Upper
136	100
137	10.5 9.8 14.6
54	9.1 6.4 9.6
68	5.7 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 88.243 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF124877.D

Acq: 30 Jul 2021 15:39

Tgt Ion: 82 Resp: 39063

Ion Ratio Lower Upper

82 100

128 41.2 40.6 60.8

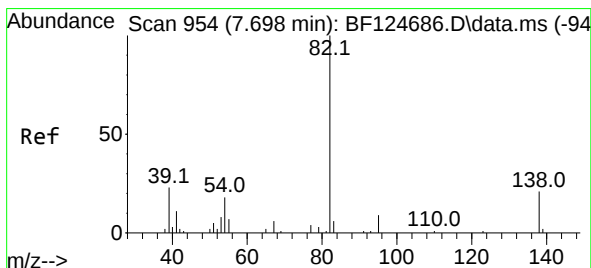
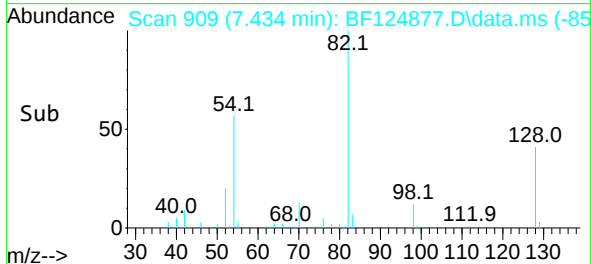
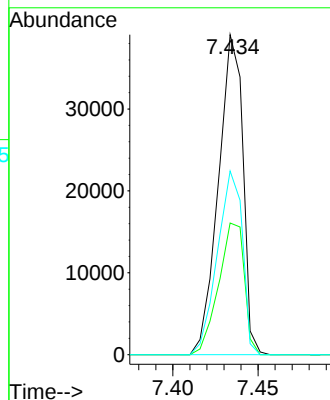
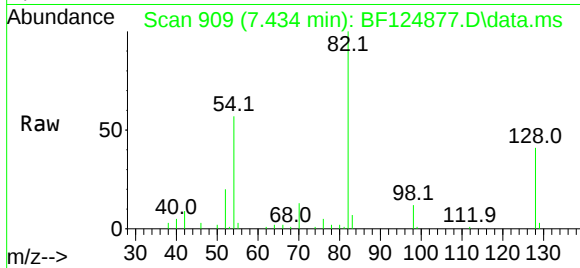
54 57.4 49.6 74.4

Instrument :

BNA_F

ClientSampleId :

SB-5(1.0-5.0)



#25

Isophorone

Concen: 49.903 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.265 min

Lab File: BF124877.D

Acq: 30 Jul 2021 15:39

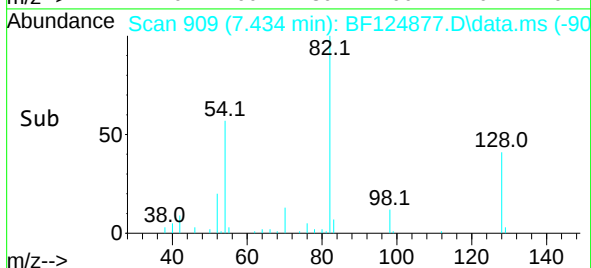
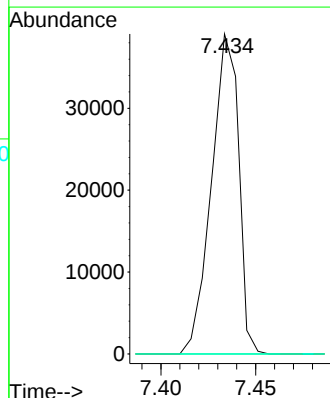
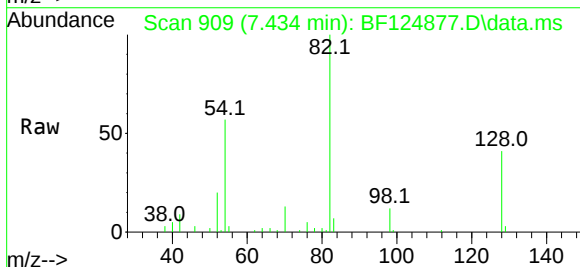
Tgt Ion: 82 Resp: 39061

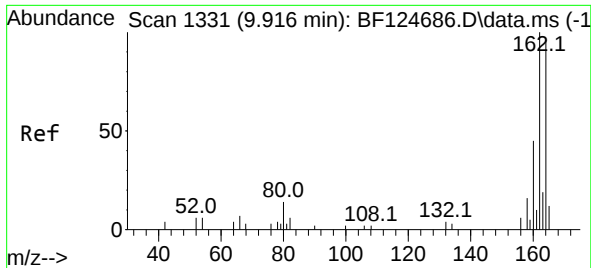
Ion Ratio Lower Upper

82 100

95 0.0 6.5 9.7#

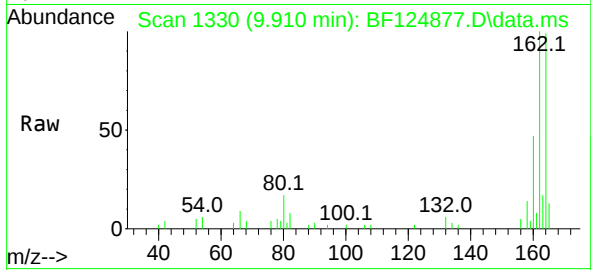
138 0.0 18.4 27.6#



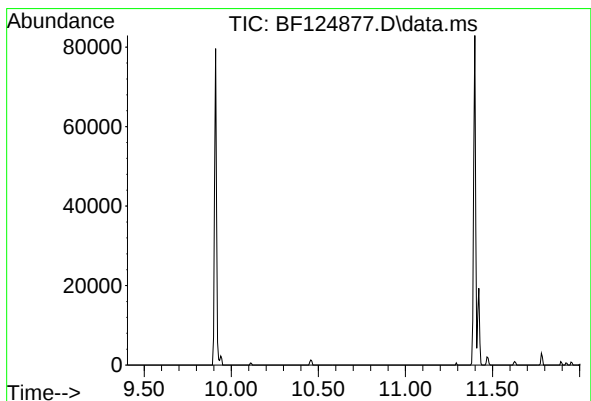
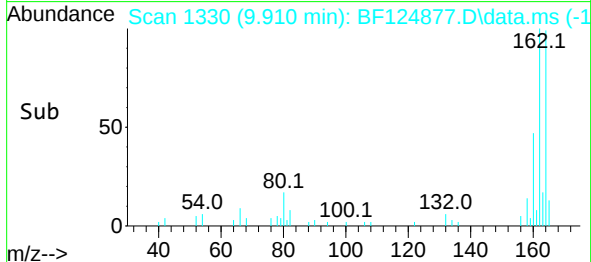
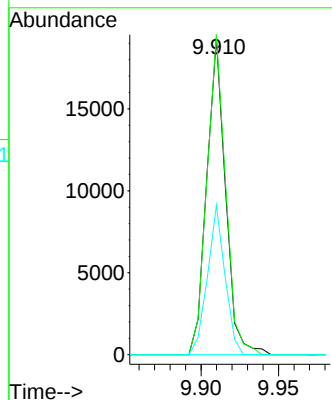


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124877.D
Acq: 30 Jul 2021 15:39

Instrument :
BNA_F
ClientSampleId :
SB-5(1.0-5.0)



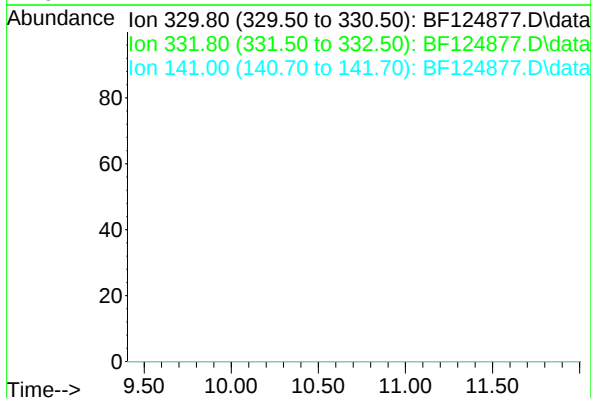
Tgt Ion:164 Resp: 16307
Ion Ratio Lower Upper
164 100
162 101.0 81.3 121.9
160 47.2 38.0 57.0

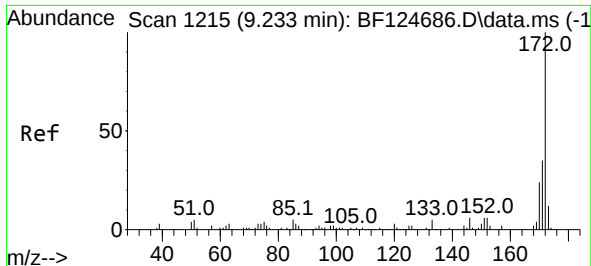


#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.70 min

Lab File: BF124877.D
Acq: 30 Jul 2021 15:39

Tgt Ion: 330
Sig Exp Ratio
330 100
332 95.3
141 55.7

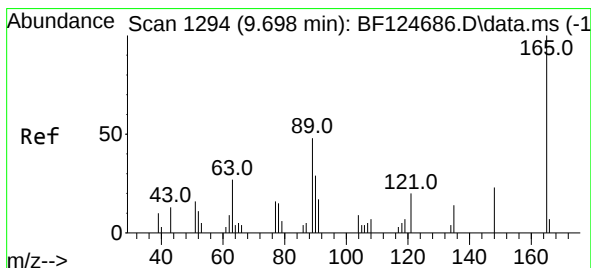
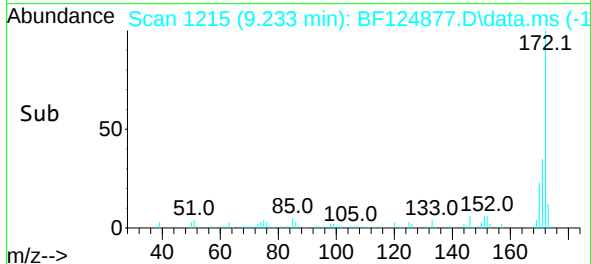
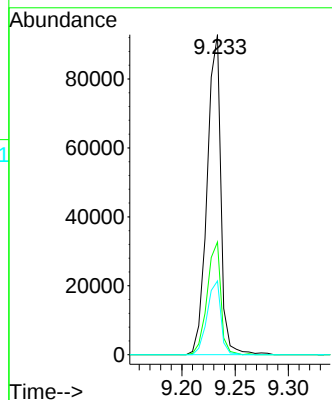
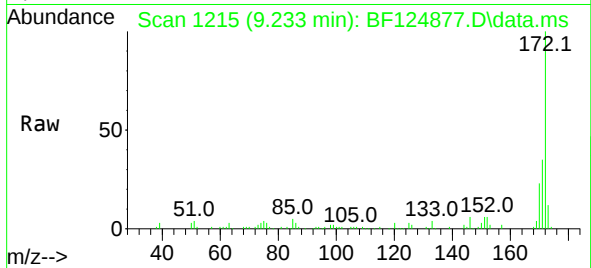




#45
2-Fluorobiphenyl
Concen: 75.326 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.000 min
Lab File: BF124877.D
Acq: 30 Jul 2021 15:39

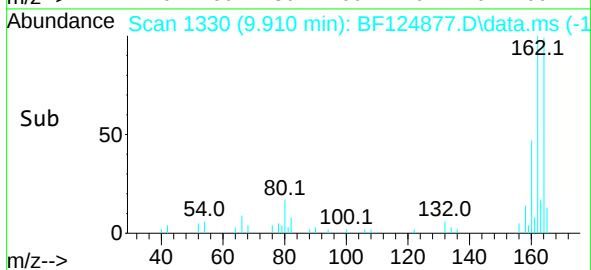
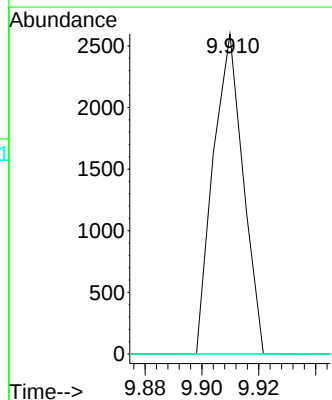
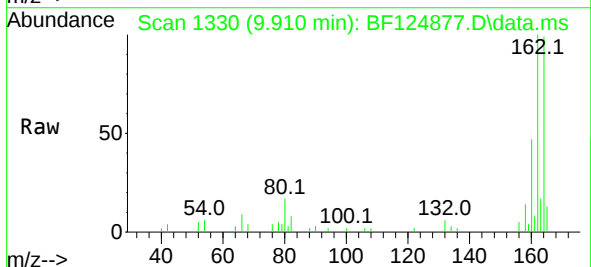
Instrument :
BNA_F
ClientSampleId :
SB-5(1.0-5.0)

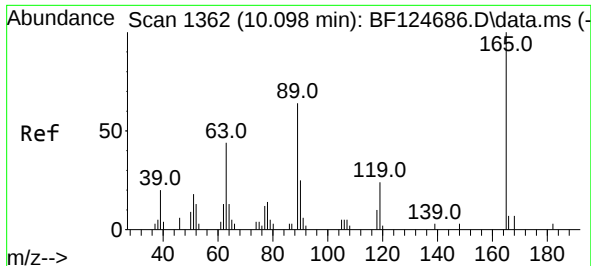
Tgt Ion:172 Resp: 83632
Ion Ratio Lower Upper
172 100
171 35.2 26.5 39.7
170 23.1 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 7.623 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF124877.D
Acq: 30 Jul 2021 15:39

Tgt Ion:165 Resp: 1891
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#

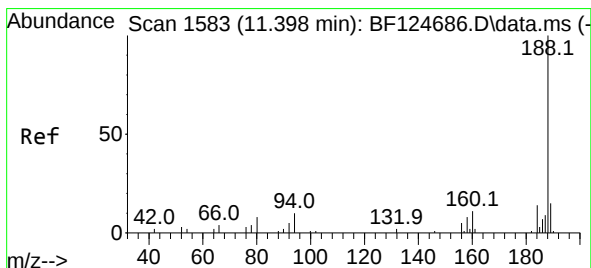
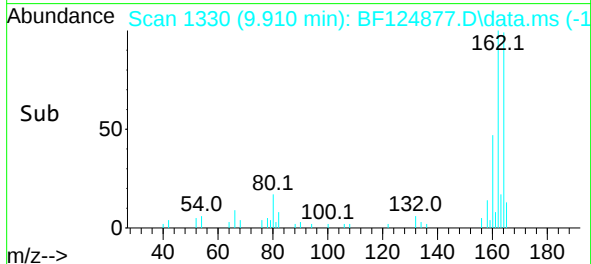
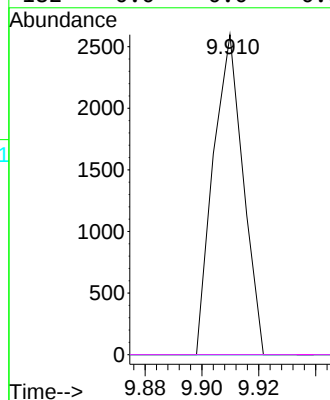
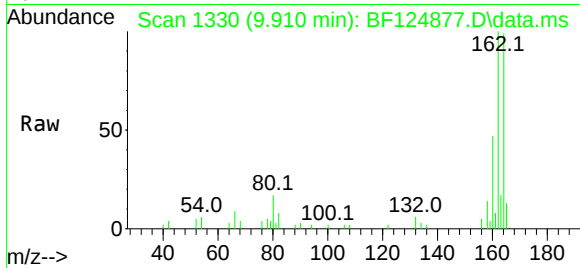




#57
2,4-Dinitrotoluene
Concen: 5.617 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF124877.D
Acq: 30 Jul 2021 15:39

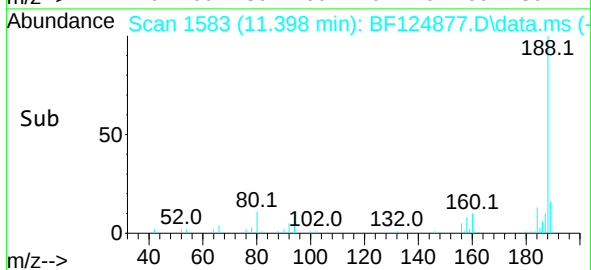
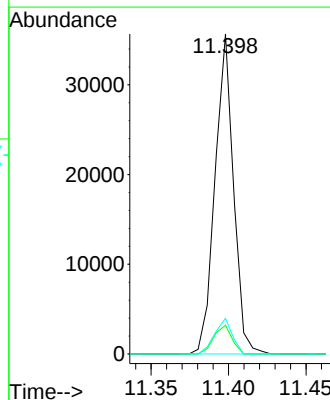
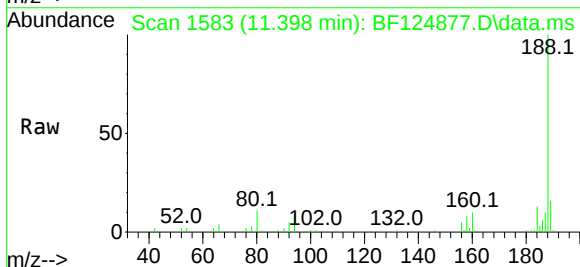
Instrument :
BNA_F
ClientSampleId :
SB-5(1.0-5.0)

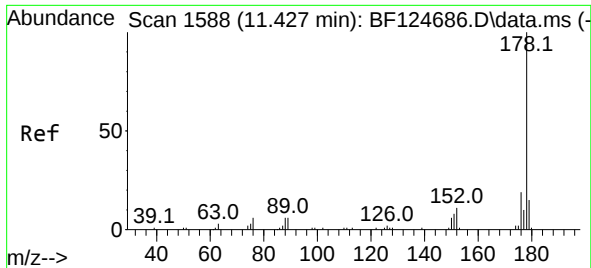
Tgt Ion:165	Resp:	1891
Ion Ratio	Lower	Upper
165	100	
63	0.0	40.9 61.3#
89	0.0	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF124877.D
Acq: 30 Jul 2021 15:39

Tgt Ion:188	Resp:	29568
Ion Ratio	Lower	Upper
188	100	
94	9.0	6.7 10.1
80	11.1	7.5 11.3

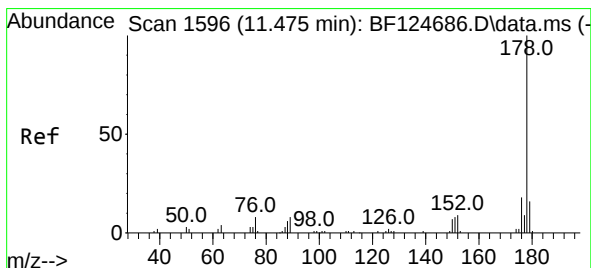
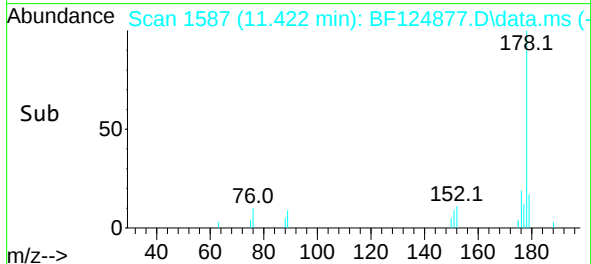
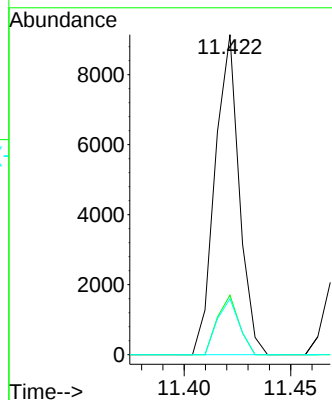
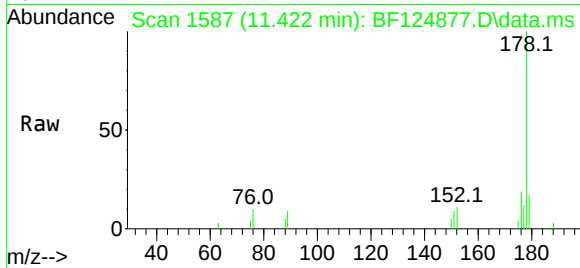




#71
Phenanthrene
Concen: 4.535 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF124877.D
Acq: 30 Jul 2021 15:39

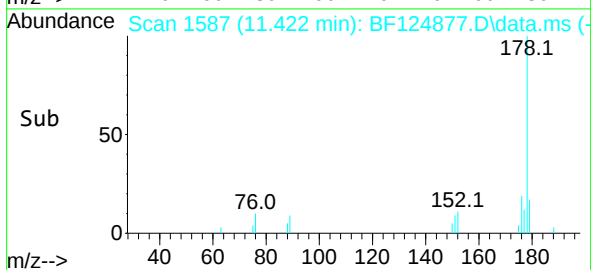
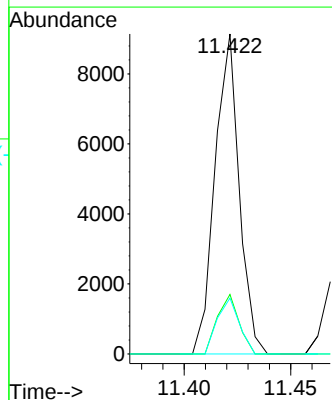
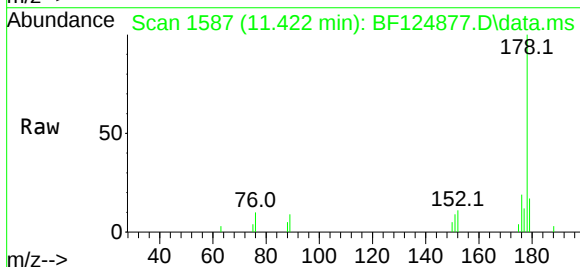
Instrument :
BNA_F
ClientSampleId :
SB-5(1.0-5.0)

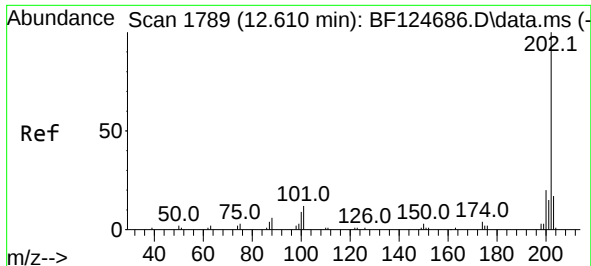
Tgt Ion:178 Resp: 7212
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 17.4 11.5 17.3#



#72
Anthracene
Concen: 4.536 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.053 min
Lab File: BF124877.D
Acq: 30 Jul 2021 15:39

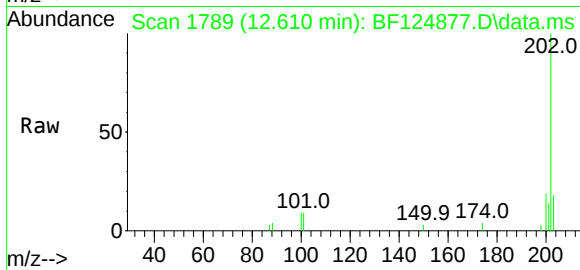
Tgt Ion:178 Resp: 7212
Ion Ratio Lower Upper
178 100
176 18.6 14.3 21.5
179 17.4 12.2 18.4



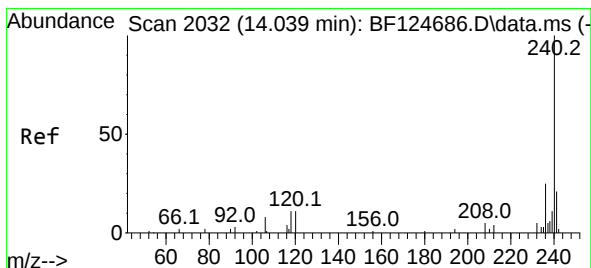
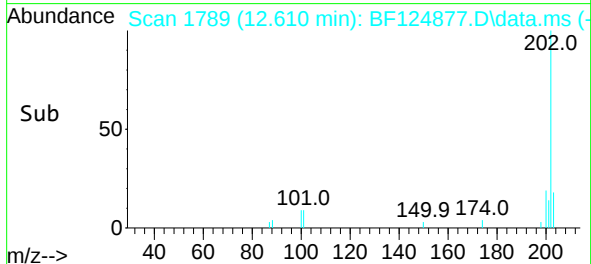
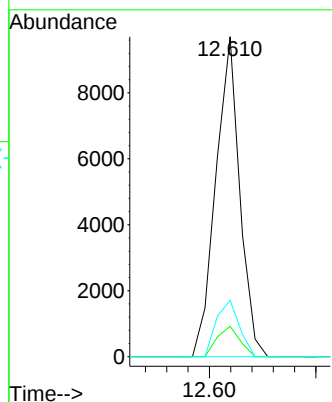


#75
Fluoranthene
Concen: 4.665 ng
RT: 12.610 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BF124877.D
Acq: 30 Jul 2021 15:39

Instrument :
BNA_F
ClientSampleId :
SB-5(1.0-5.0)

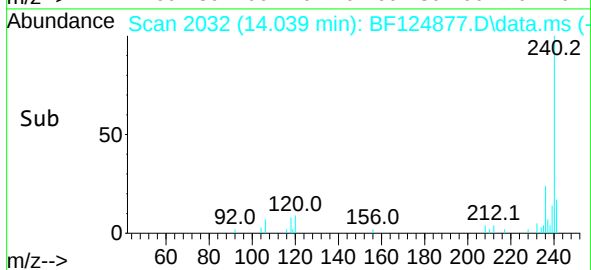
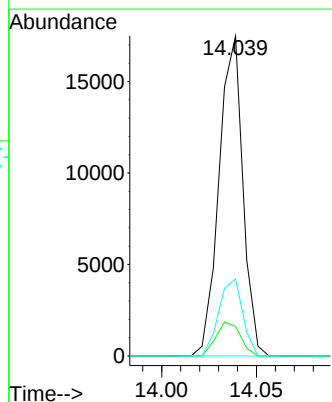
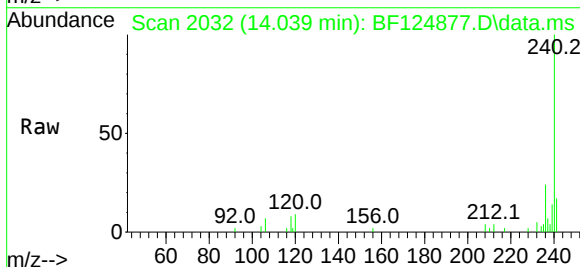


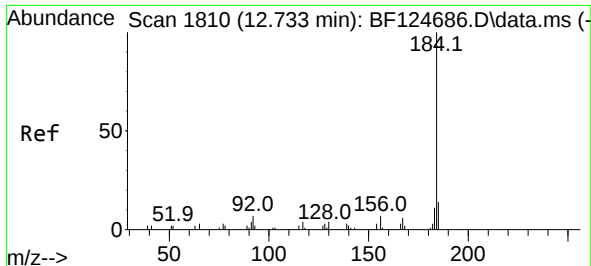
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	30.7
203	17.6	0.0	36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF124877.D
Acq: 30 Jul 2021 15:39

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.2	10.8	16.2#
236	24.1	21.6	32.4

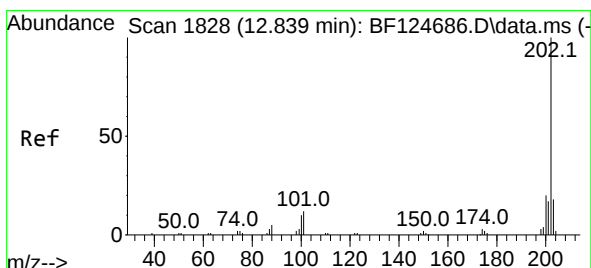
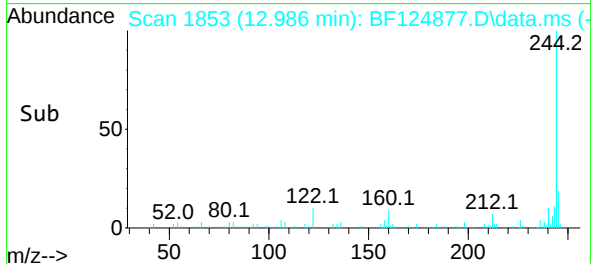
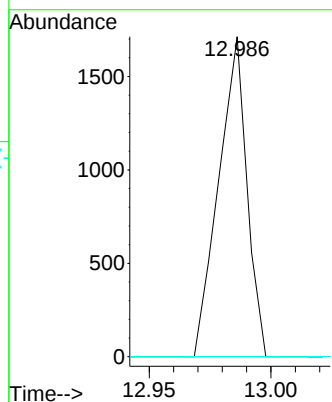
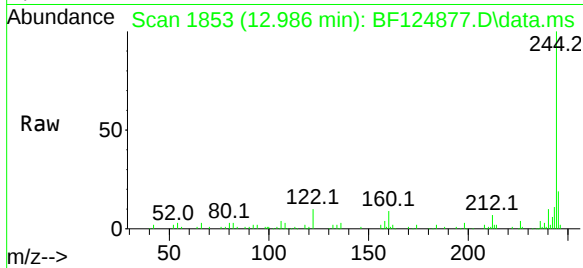




#77
Benzidine
Concen: 3.200 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.253 min
Lab File: BF124877.D
Acq: 30 Jul 2021 15:39

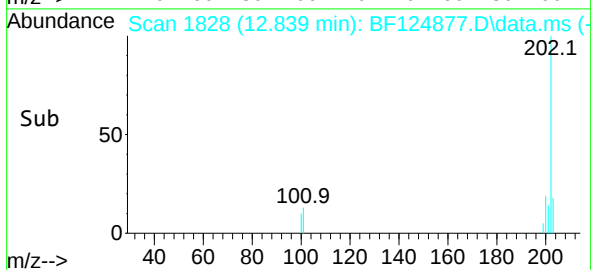
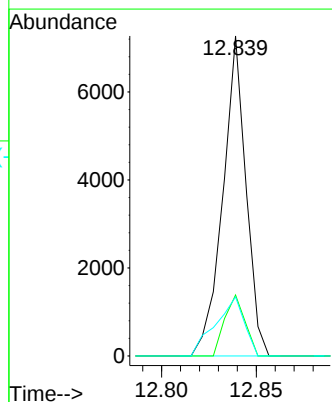
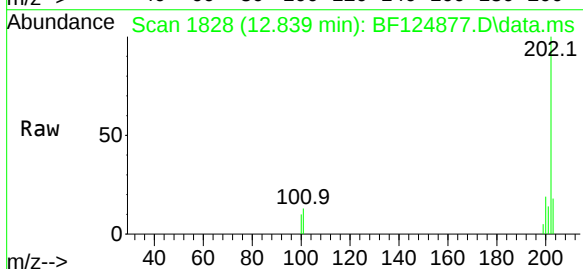
Instrument :
BNA_F
ClientSampleId :
SB-5(1.0-5.0)

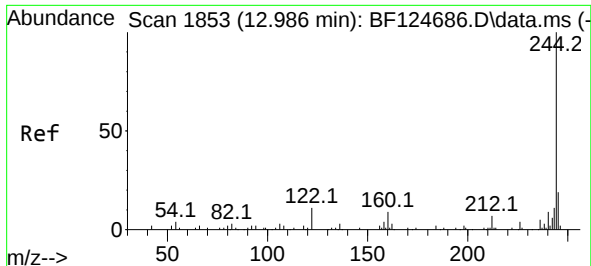
Tgt Ion:184 Resp: 1380
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#



#78
Pyrene
Concen: 5.108 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.000 min
Lab File: BF124877.D
Acq: 30 Jul 2021 15:39

Tgt Ion:202 Resp: 6185
Ion Ratio Lower Upper
202 100
200 19.0 15.3 22.9
203 18.4 13.4 20.0

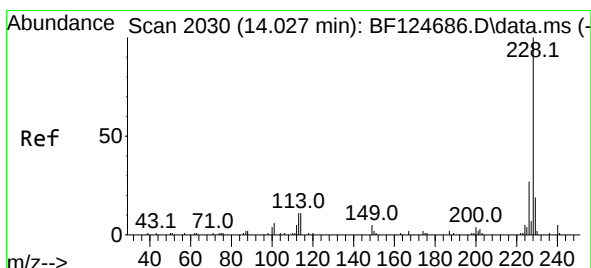
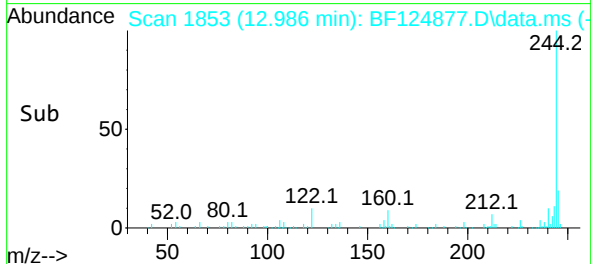
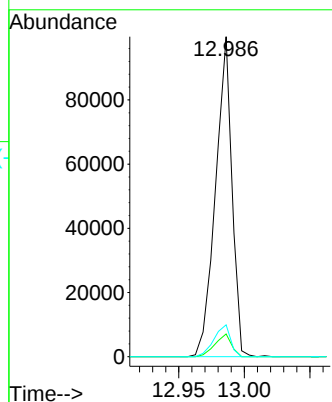
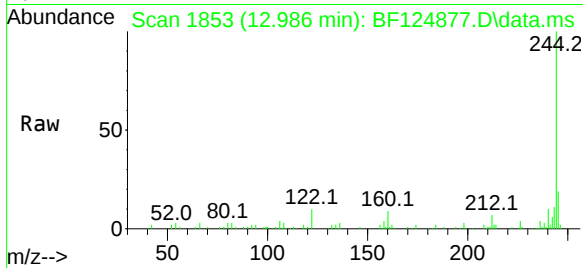




#79
 Terphenyl-d14
 Concen: 97.344 ng
 RT: 12.986 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: BF124877.D
 Acq: 30 Jul 2021 15:39

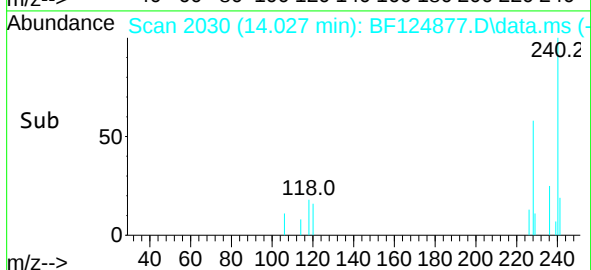
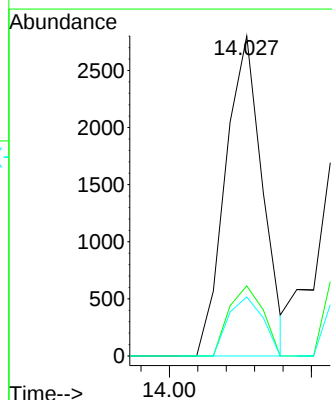
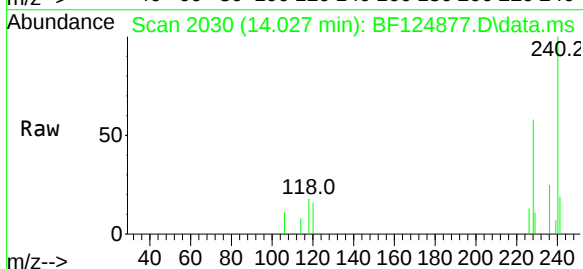
Instrument :
 BNA_F
 ClientSampleId :
 SB-5(1.0-5.0)

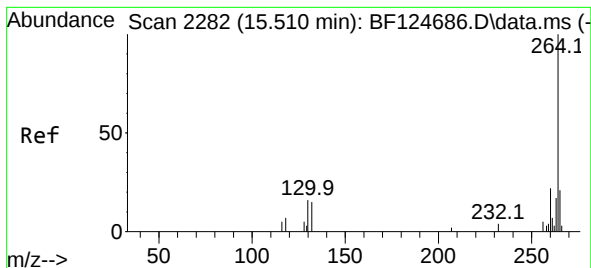
Tgt Ion:	244	Resp:	86858
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	9.9	9.0	13.4



#81
 Benzo(a)anthracene
 Concen: 2.542 ng
 RT: 14.027 min Scan# 2030
 Delta R.T. -0.000 min
 Lab File: BF124877.D
 Acq: 30 Jul 2021 15:39

Tgt Ion:	228	Resp:	2541
Ion	Ratio	Lower	Upper
228	100		
226	21.9	21.6	32.4
229	18.5	15.6	23.4

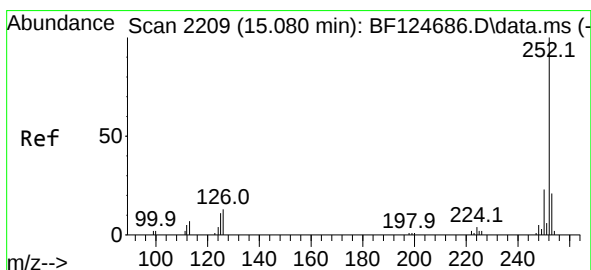
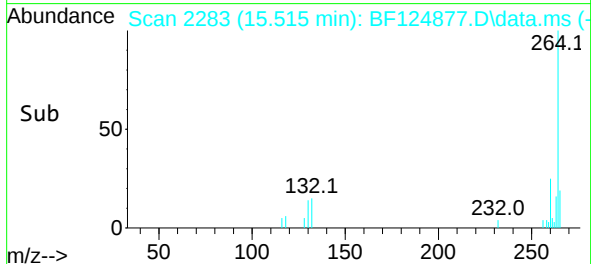
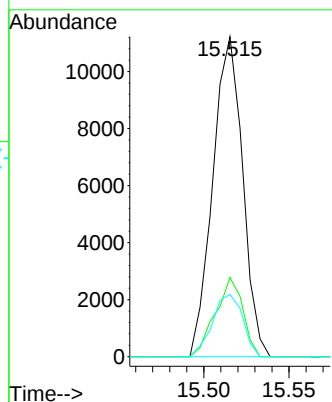
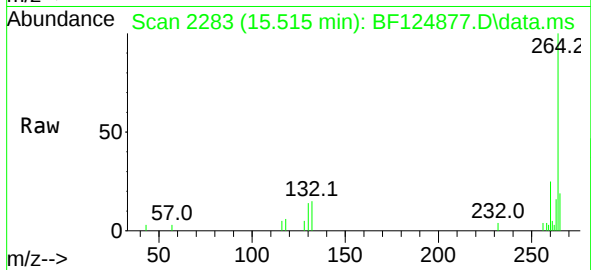




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. 0.006 min
 Lab File: BF124877.D
 Acq: 30 Jul 2021 15:39

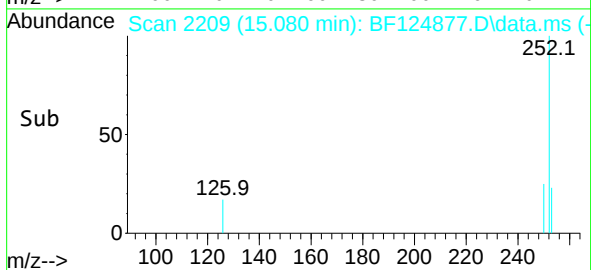
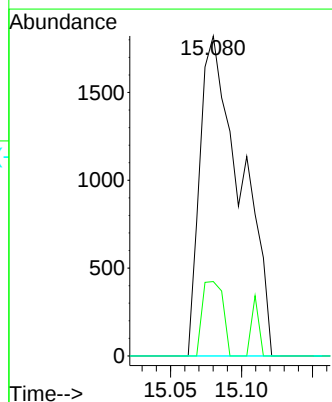
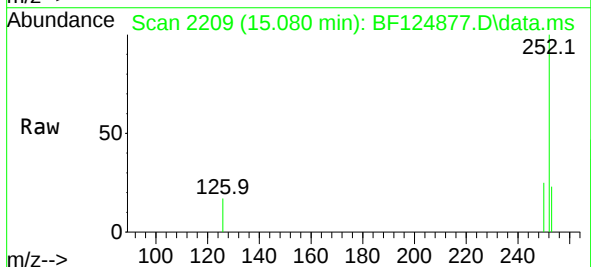
Instrument :
 BNA_F
 ClientSampleId :
 SB-5(1.0-5.0)

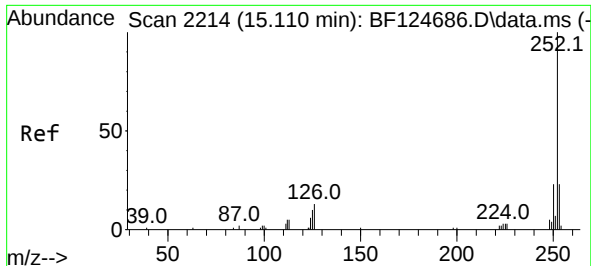
Tgt Ion:264 Resp: 13672
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.6 29.4
 265 19.4 17.2 25.8



#88
 Benzo(b)fluoranthene
 Concen: 3.790 ng
 RT: 15.080 min Scan# 2209
 Delta R.T. -0.000 min
 Lab File: BF124877.D
 Acq: 30 Jul 2021 15:39

Tgt Ion:252 Resp: 3648
 Ion Ratio Lower Upper
 252 100
 253 23.2 16.8 25.2
 125 0.0 9.8 14.8#





#89

Benzo(k)fluoranthene

Concen: 4.148 ng

RT: 15.080 min Scan# 2209

Delta R.T. -0.029 min

Lab File: BF124877.D

Acq: 30 Jul 2021 15:39

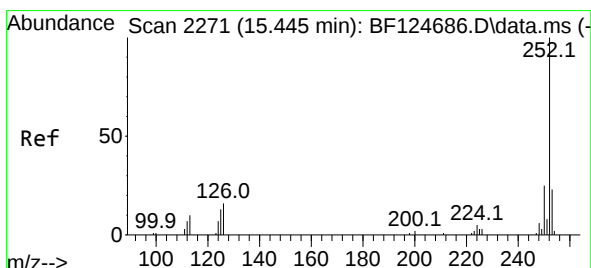
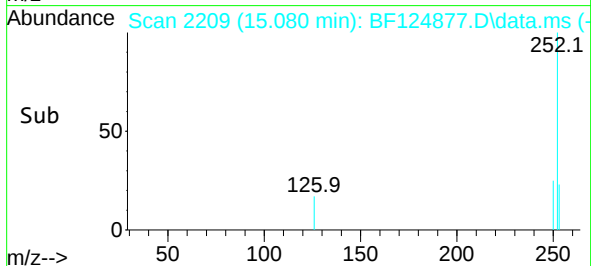
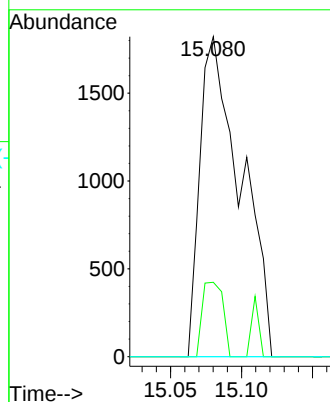
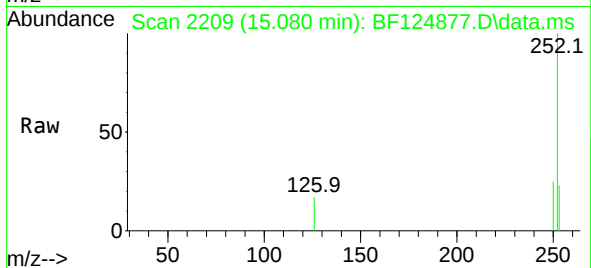
Tgt Ion:252 Resp: 3648

Ion Ratio Lower Upper

252 100

253 23.2 17.8 26.8

125 0.0 7.2 10.8#



#90

Benzo(a)pyrene

Concen: 2.151 ng

RT: 15.451 min Scan# 2272

Delta R.T. 0.006 min

Lab File: BF124877.D

Acq: 30 Jul 2021 15:39

Tgt Ion:252 Resp: 1730

Ion Ratio Lower Upper

252 100

253 0.0 18.4 27.6#

125 0.0 9.9 14.9#

