

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021122\
 Data File : BF126862.D
 Acq On : 11 Feb 2022 17:30
 Operator : CG\JU
 Sample : N1477-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220065-FIELD-BLANK

Quant Time: Feb 11 22:43:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 10 00:44:00 2022
 Response via : Initial Calibration

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

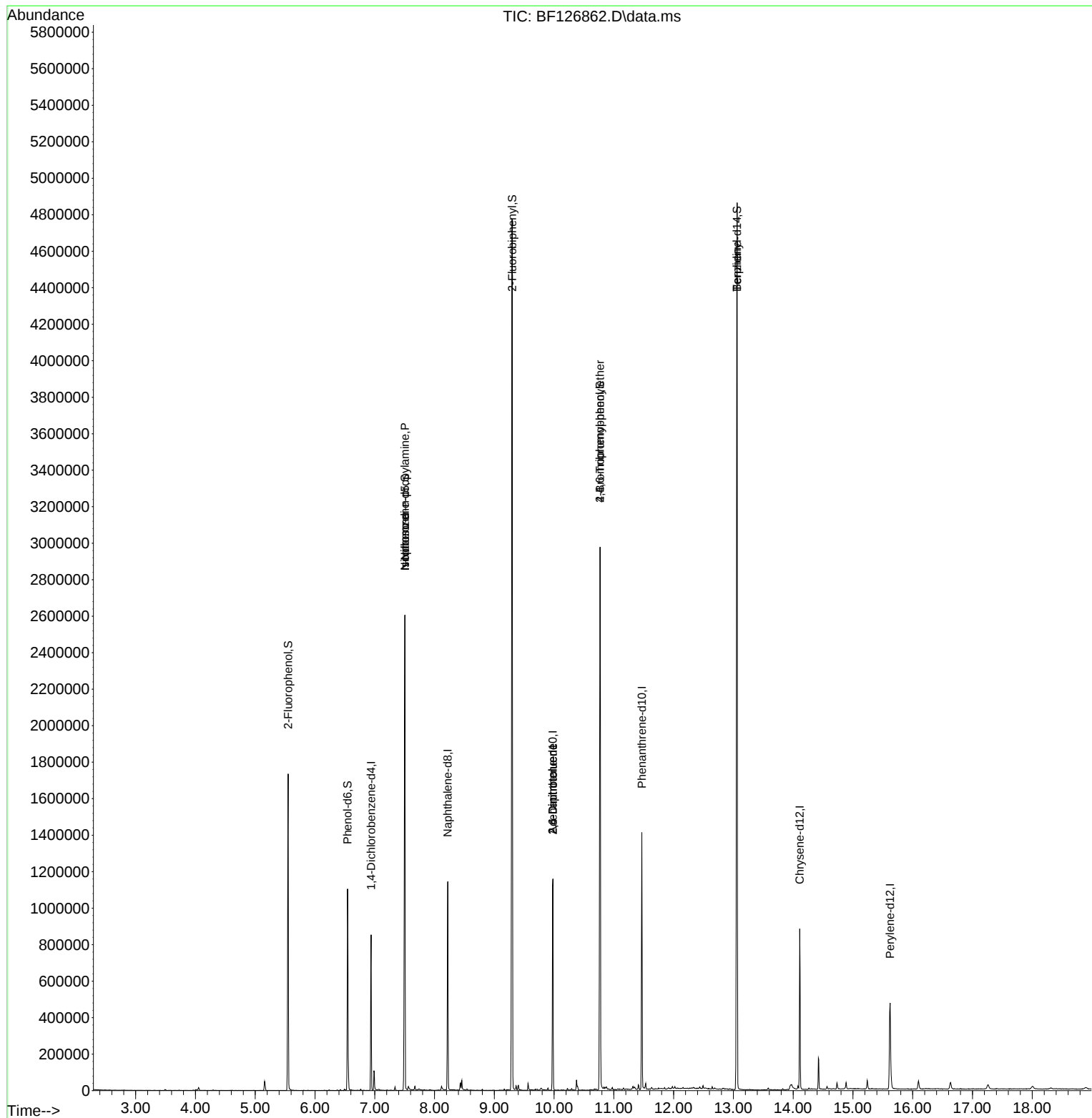
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	108623	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	440316	20.000	ng	0.00
39) Acenaphthene-d10	9.980	164	234316	20.000	ng	0.00
64) Phenanthrene-d10	11.468	188	441409	20.000	ng	0.00
76) Chrysene-d12	14.109	240	262947	20.000	ng	-0.01
86) Perylene-d12	15.621	264	205055	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	398553	56.492	ng	0.00
7) Phenol-d6	6.545	99	326257	34.256	ng	-0.02
23) Nitrobenzene-d5	7.504	82	831928	87.176	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	347571	138.362	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1320368	84.823	ng	0.00
79) Terphenyl-d14	13.062	244	1701686	92.775	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.504	70	113941	18.892	ng	# 76
25) Isophorone	7.504	82	831908	52.032	ng	# 68
51) 2,6-Dinitrotoluene	9.980	165	29749	8.862	ng	# 21
57) 2,4-Dinitrotoluene	9.980	165	29749	6.703	ng	# 16
67) 4-Bromophenyl-phenylether	10.769	248	21203	4.420	ng	# 1
77) Benzidine	13.062	184	25085	3.625	ng	# 95

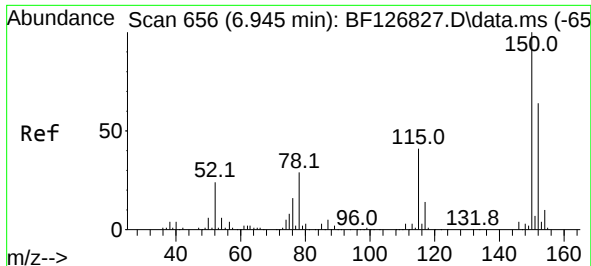
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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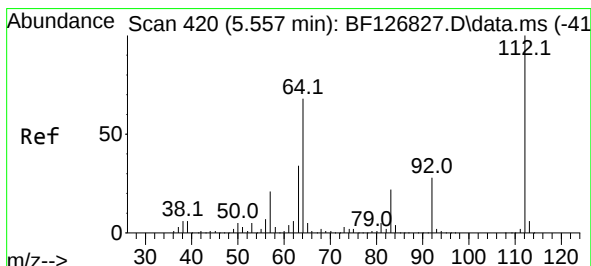
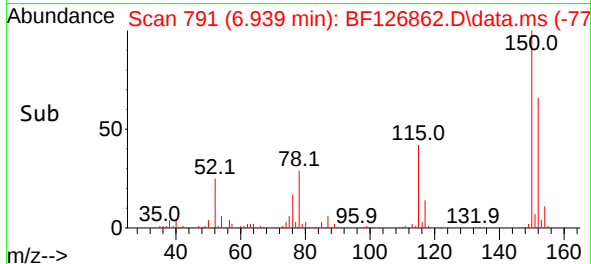
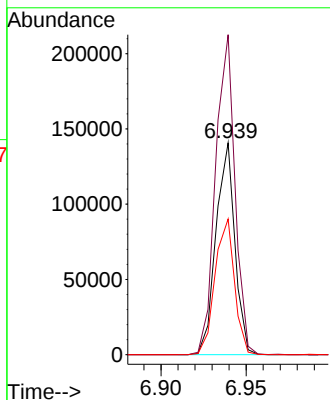
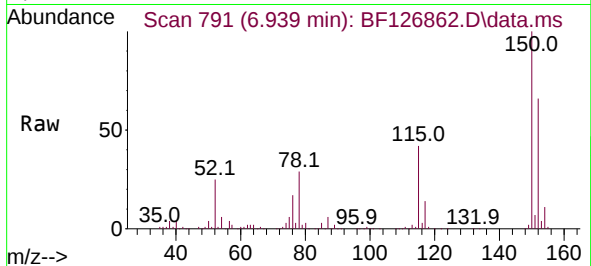




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.939 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126862.D
Acq: 11 Feb 2022 17:30

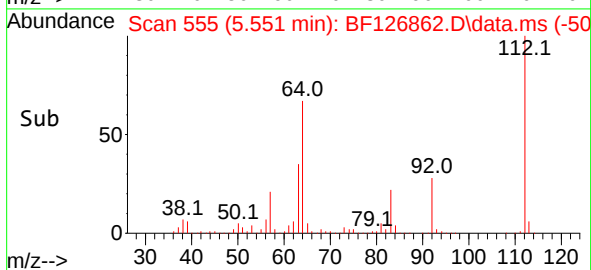
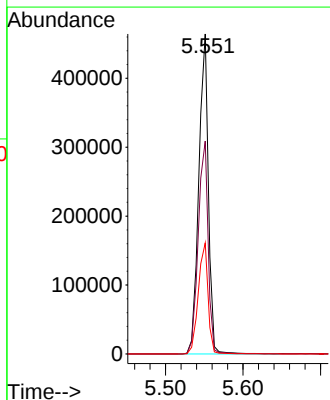
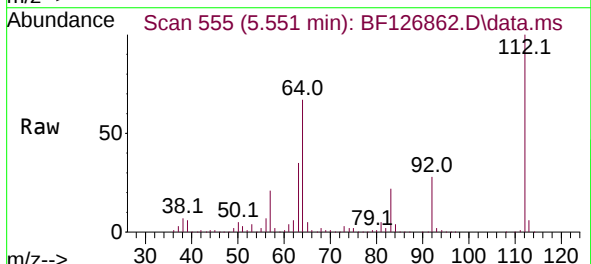
Instrument :
BNA_F
ClientSampleId :
20220065-FIELD-BLANK

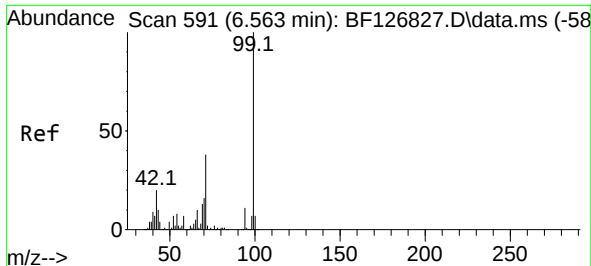
Tgt Ion:152 Resp: 108623
Ion Ratio Lower Upper
152 100
150 151.0 124.3 186.5
115 64.0 50.5 75.7



#5
2-Fluorophenol
Concen: 56.492 ng
RT: 5.551 min Scan# 555
Delta R.T. -0.006 min
Lab File: BF126862.D
Acq: 11 Feb 2022 17:30

Tgt Ion:112 Resp: 398553
Ion Ratio Lower Upper
112 100
64 66.6 54.3 81.5
63 34.7 27.5 41.3

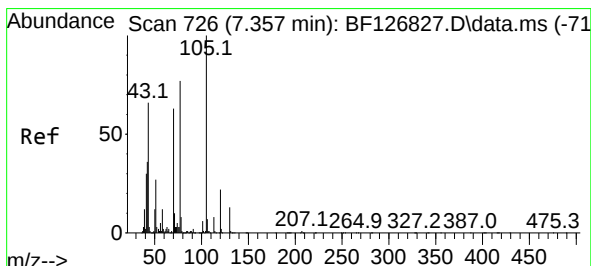
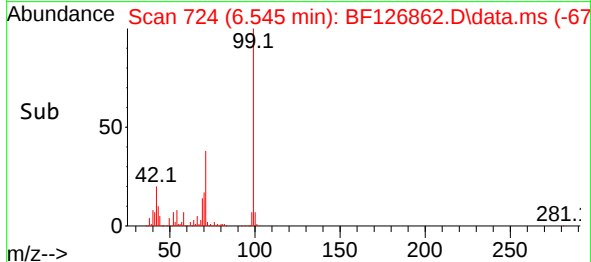
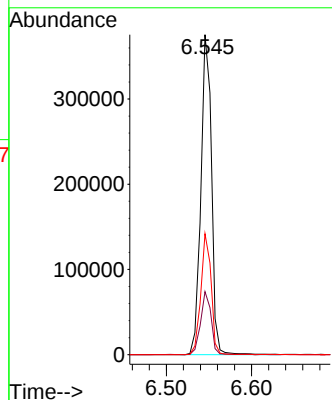
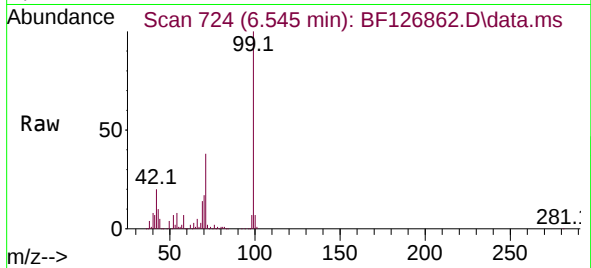




#7
Phenol-d6
Concen: 34.256 ng
RT: 6.545 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF126862.D
Acq: 11 Feb 2022 17:30

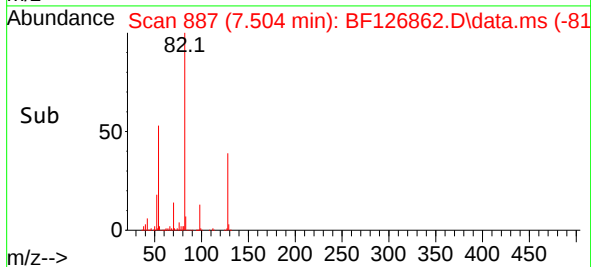
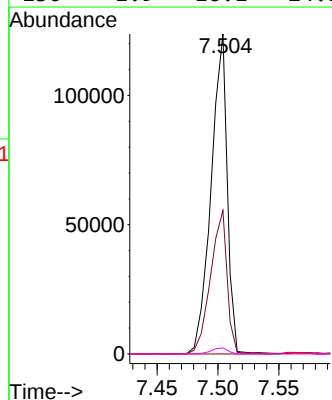
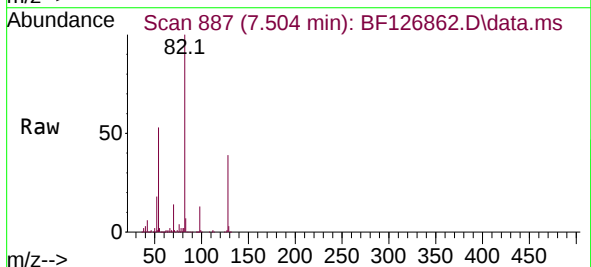
Instrument :
BNA_F
ClientSampleId :
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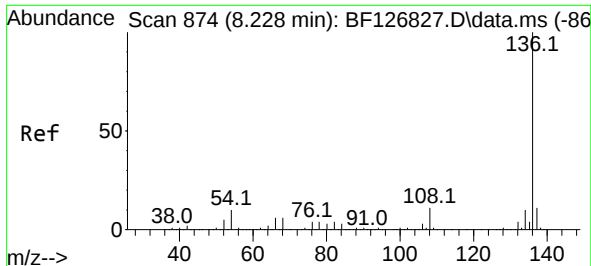
Tgt Ion: 99 Resp: 326257
Ion Ratio Lower Upper
99 100
42 19.7 15.8 23.6
71 37.8 30.6 45.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.892 ng
RT: 7.504 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF126862.D
Acq: 11 Feb 2022 17:30

Tgt Ion: 70 Resp: 113941
Ion Ratio Lower Upper
70 100
42 44.8 46.3 69.5#
101 0.0 7.5 11.3#
130 1.9 16.1 24.1#

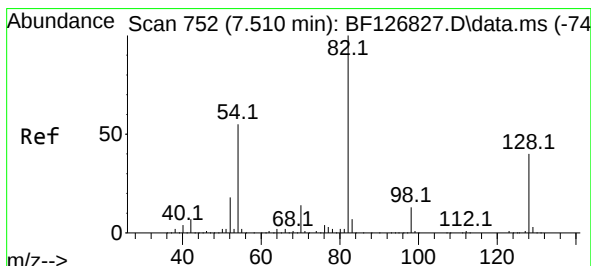
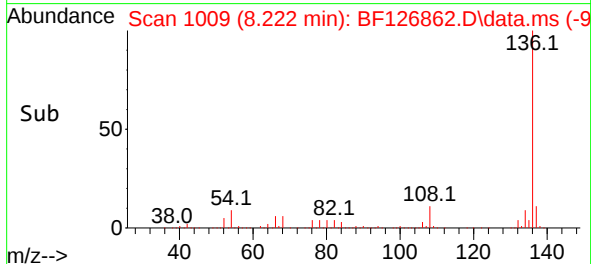
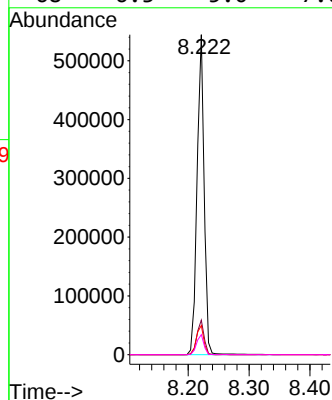
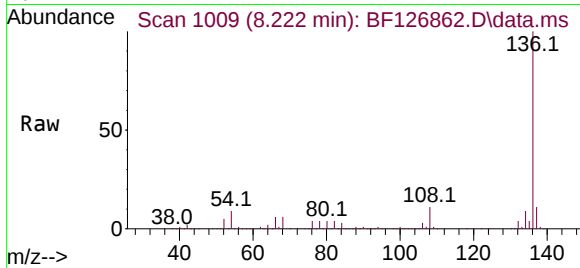




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF126862.D
Acq: 11 Feb 2022 17:30

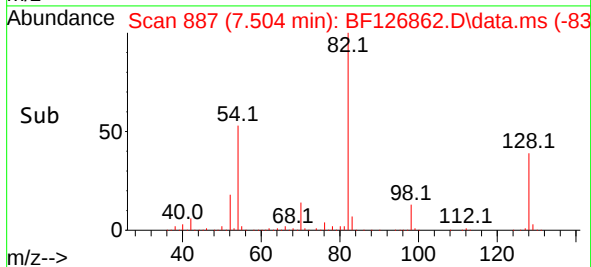
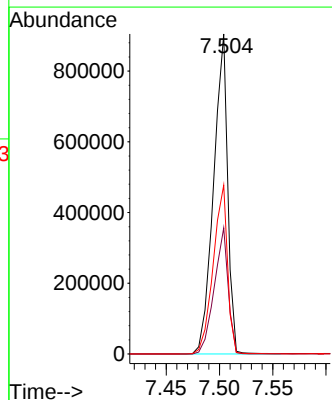
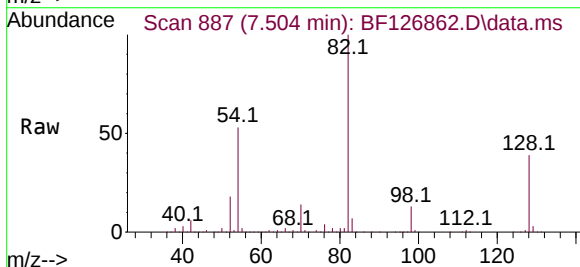
Instrument :
BNA_F
ClientSampleId :
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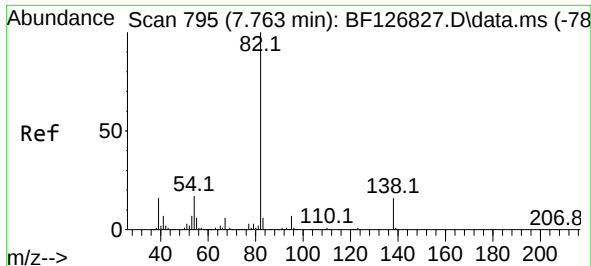
Tgt Ion:136 Resp: 440316
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 9.1 8.0 12.0
68 6.3 5.0 7.6



#23
Nitrobenzene-d5
Concen: 87.176 ng
RT: 7.504 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF126862.D
Acq: 11 Feb 2022 17:30

Tgt Ion: 82 Resp: 831928
Ion Ratio Lower Upper
82 100
128 39.4 31.6 47.4
54 52.8 43.7 65.5

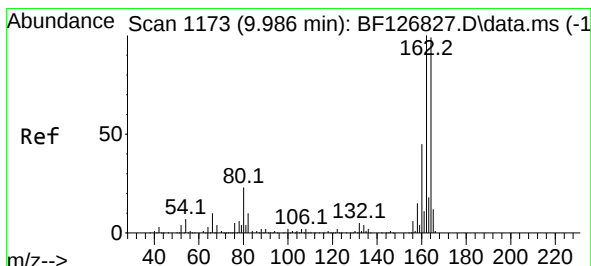
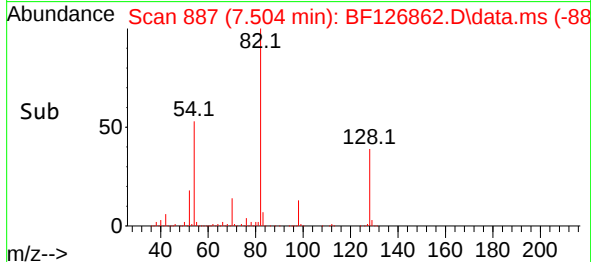
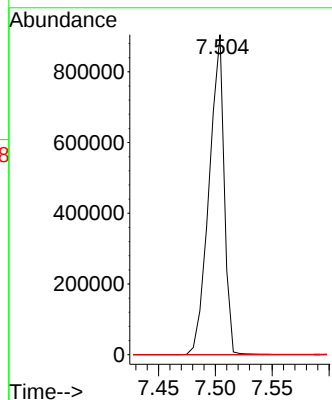
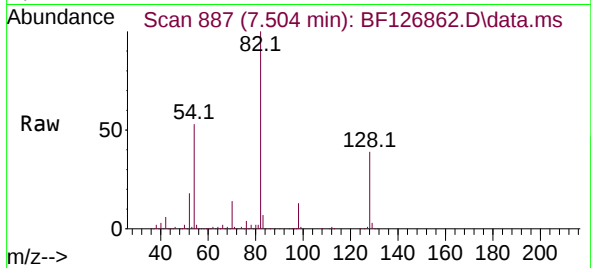




#25
Isophorone
Concen: 52.032 ng
RT: 7.504 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF126862.D
Acq: 11 Feb 2022 17:30

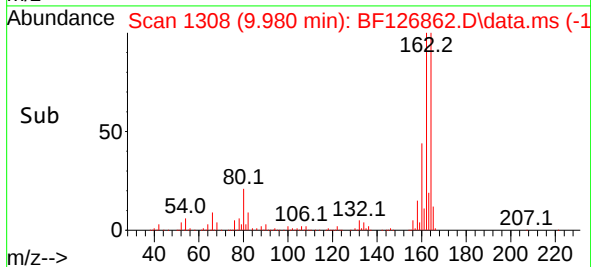
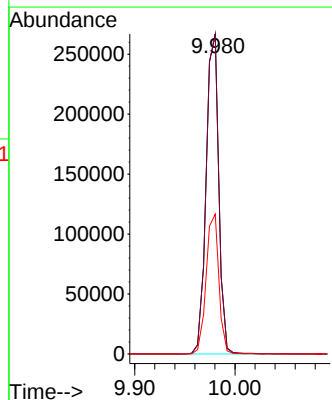
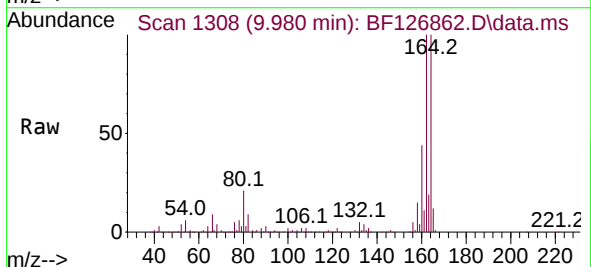
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ClientSampleId :
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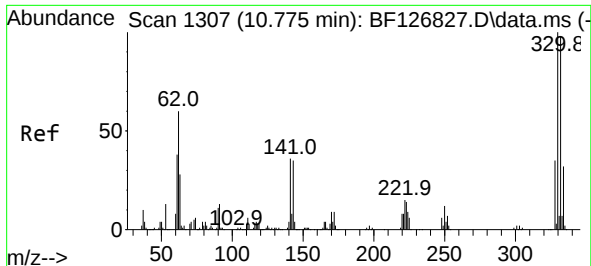
Tgt Ion: 82 Resp: 831908
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 12.6 19.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.980 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF126862.D
Acq: 11 Feb 2022 17:30

Tgt Ion: 164 Resp: 234316
Ion Ratio Lower Upper
164 100
162 99.6 80.9 121.3
160 43.7 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 138.362 ng

RT: 10.769 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF126862.D

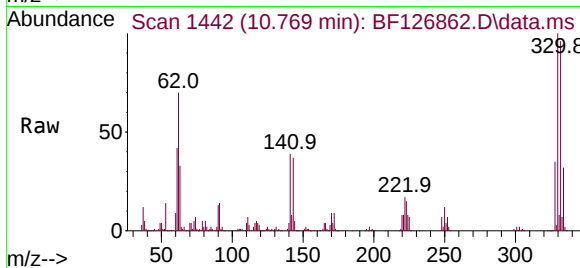
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Instrument :

BNA_F

ClientSampleId :

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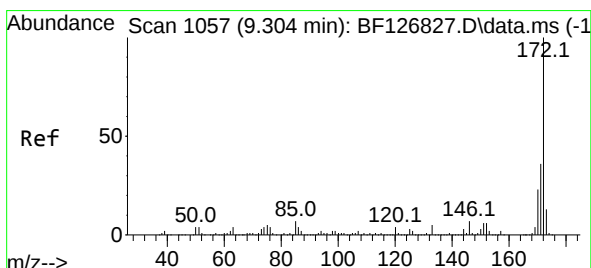
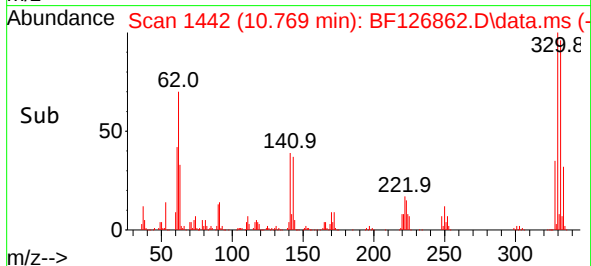
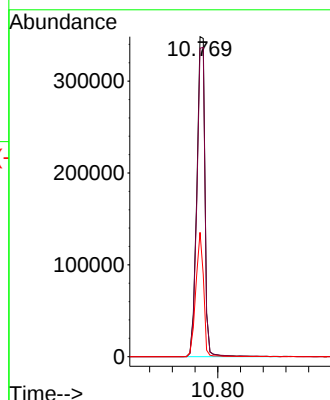
Tgt Ion:330 Resp: 347571

Ion Ratio Lower Upper

330 100

332 96.2 78.2 117.4

141 36.9 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 84.823 ng

RT: 9.298 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF126862.D

Acq: 11 Feb 2022 17:30

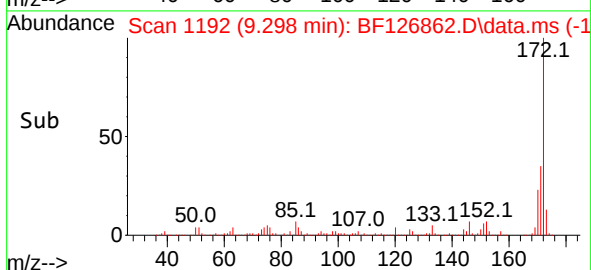
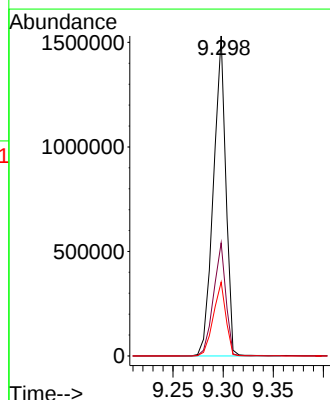
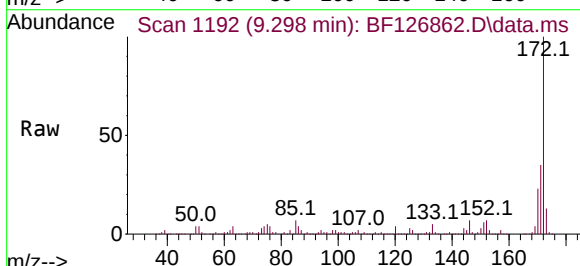
Tgt Ion:172 Resp: 1320368

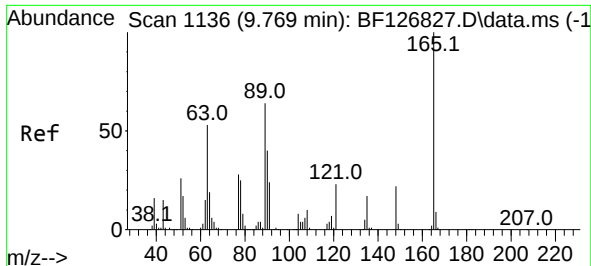
Ion Ratio Lower Upper

172 100

171 35.4 28.5 42.7

170 23.1 18.7 28.1

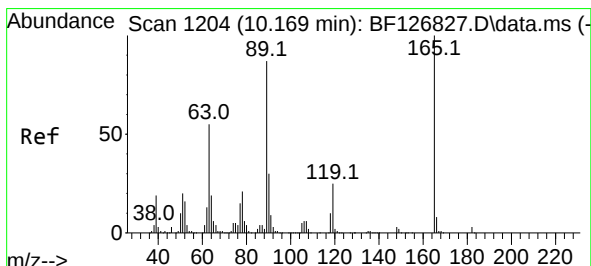
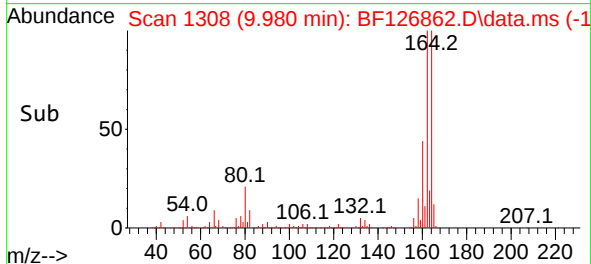
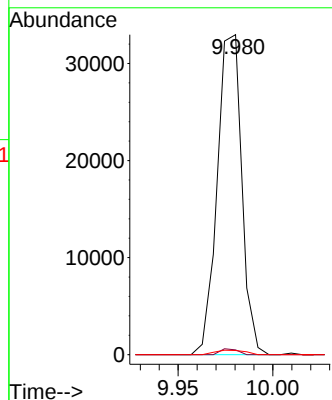
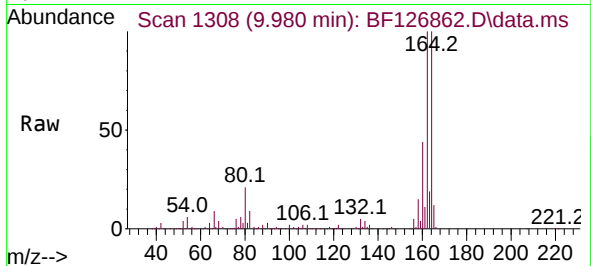




#51
2,6-Dinitrotoluene
Concen: 8.862 ng
RT: 9.980 min Scan# 1136
Delta R.T. 0.211 min
Lab File: BF126862.D
Acq: 11 Feb 2022 17:30

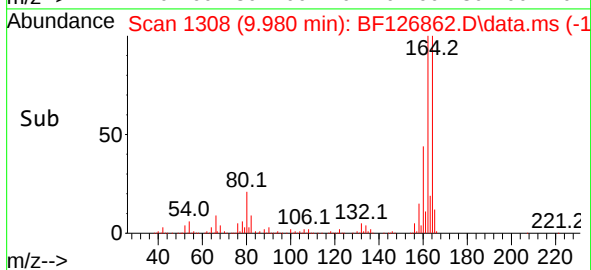
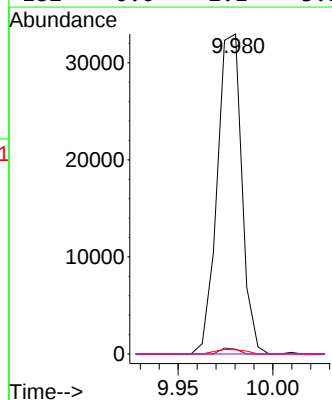
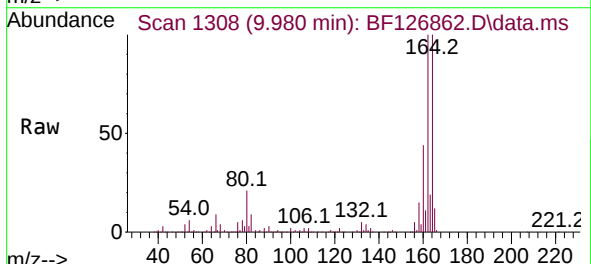
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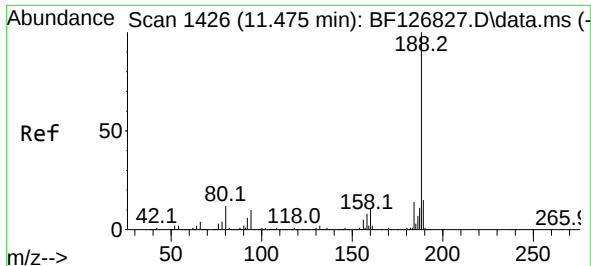
Tgt Ion:165 Resp: 29749
Ion Ratio Lower Upper
165 100
63 1.5 49.9 74.9#
89 1.3 51.0 76.4#



#57
2,4-Dinitrotoluene
Concen: 6.703 ng
RT: 9.980 min Scan# 1308
Delta R.T. -0.188 min
Lab File: BF126862.D
Acq: 11 Feb 2022 17:30

Tgt Ion:165 Resp: 29749
Ion Ratio Lower Upper
165 100
63 1.5 43.9 65.9#
89 1.3 69.8 104.8#
182 0.0 2.1 3.1#

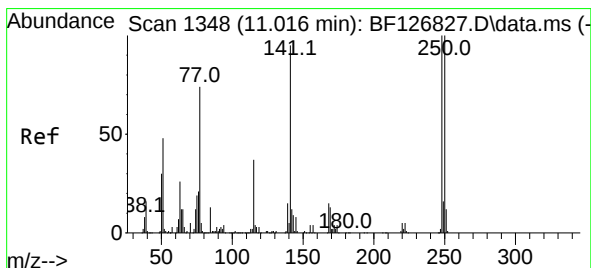
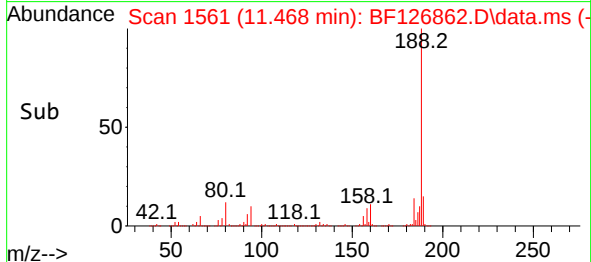
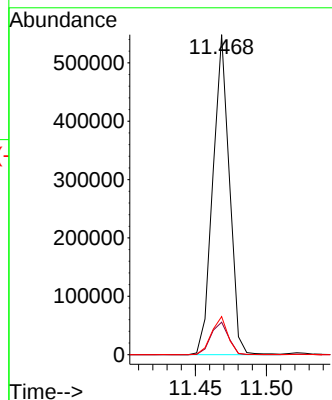
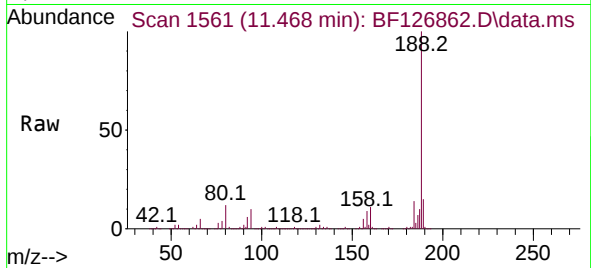




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.468 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126862.D
Acq: 11 Feb 2022 17:30

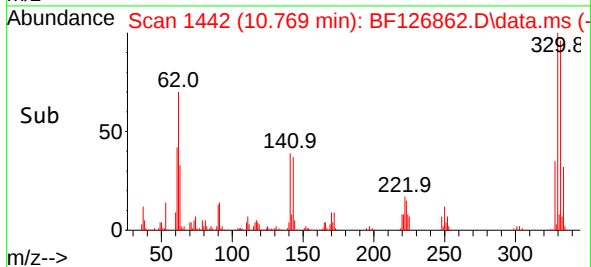
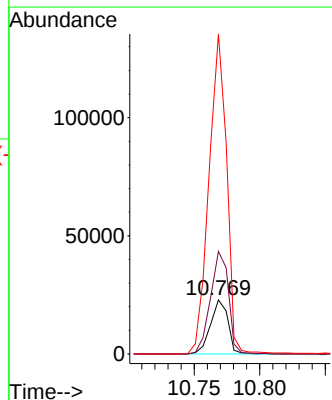
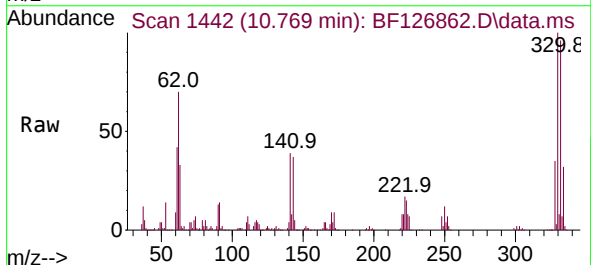
Instrument :
BNA_F
ClientSampleId :
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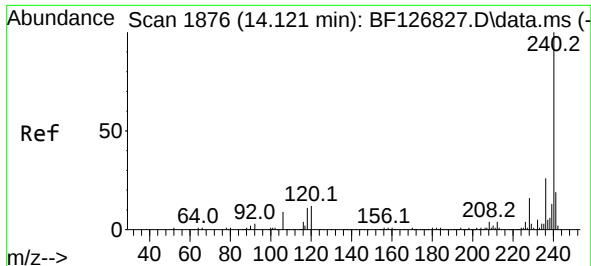
Tgt Ion:188 Resp: 441409
Ion Ratio Lower Upper
188 100
94 10.1 8.1 12.1
80 11.9 9.5 14.3



#67
4-Bromophenyl-phenylether
Concen: 4.420 ng
RT: 10.769 min Scan# 1442
Delta R.T. -0.247 min
Lab File: BF126862.D
Acq: 11 Feb 2022 17:30

Tgt Ion:248 Resp: 21203
Ion Ratio Lower Upper
248 100
250 189.8 80.0 120.0#
141 591.7 75.6 113.4#

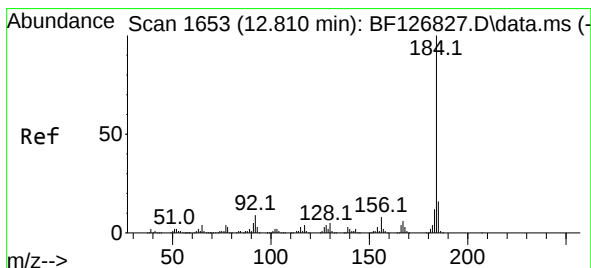
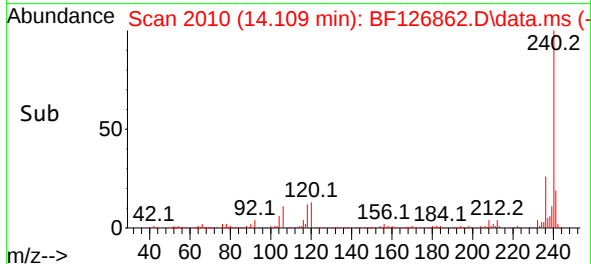
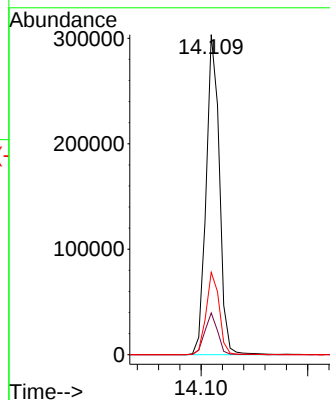
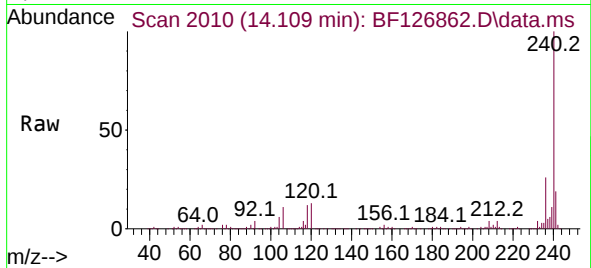




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.109 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF126862.D
Acq: 11 Feb 2022 17:30

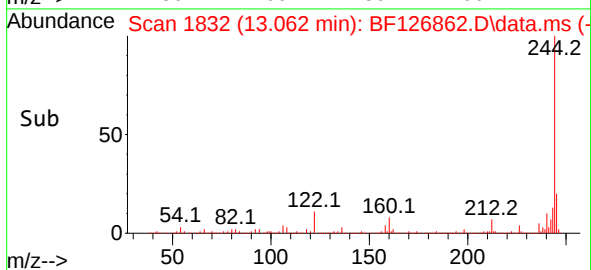
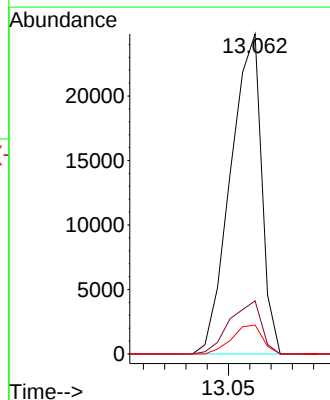
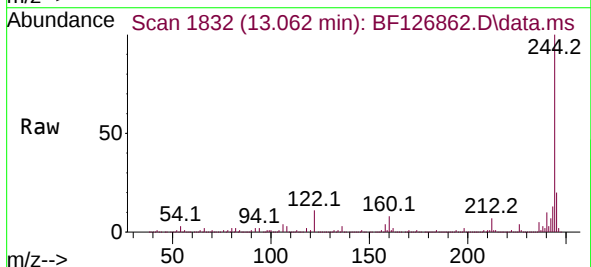
Instrument :
BNA_F
ClientSampleId :
20220065-FIELD-BLANK

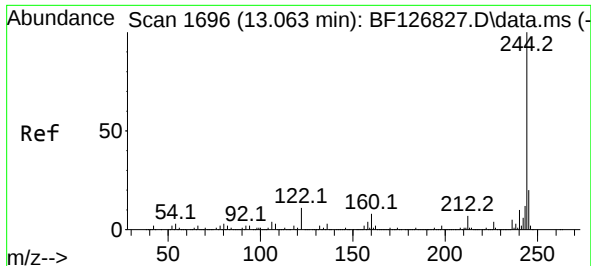
Tgt Ion:240 Resp: 262947
Ion Ratio Lower Upper
240 100
120 13.1 9.8 14.6
236 25.8 20.5 30.7



#77
Benzidine
Concen: 3.625 ng
RT: 13.062 min Scan# 1832
Delta R.T. 0.253 min
Lab File: BF126862.D
Acq: 11 Feb 2022 17:30

Tgt Ion:184 Resp: 25085
Ion Ratio Lower Upper
184 100
185 16.6 12.5 18.7
183 9.0 9.6 14.4#

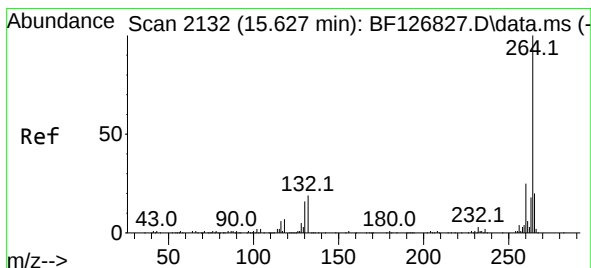
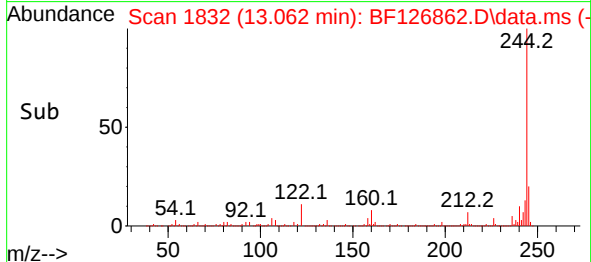
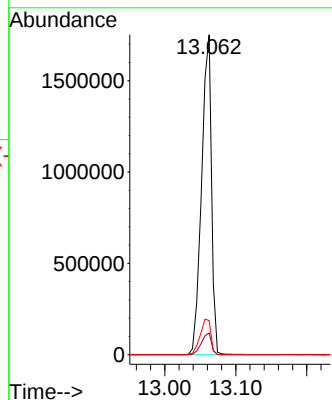
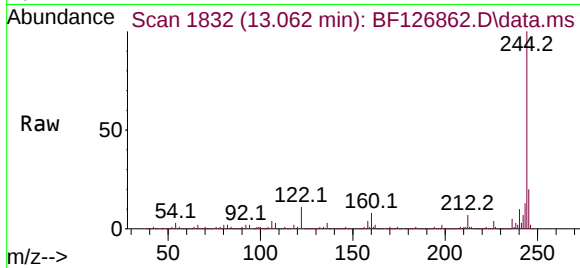




#79
 Terphenyl-d14
 Concen: 92.775 ng
 RT: 13.062 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF126862.D
 Acq: 11 Feb 2022 17:30

Instrument :
 BNA_F
 ClientSampleId :
 20220065-FIELD-BLANK

Tgt Ion:244 Resp: 1701686
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 10.6 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.621 min Scan# 2267
 Delta R.T. -0.006 min
 Lab File: BF126862.D
 Acq: 11 Feb 2022 17:30

Tgt Ion:264 Resp: 205055
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.6 29.4
 265 20.5 15.9 23.9

