

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021122\
 Data File : BF126861.D
 Acq On : 11 Feb 2022 17:01
 Operator : CG\JU
 Sample : N1449-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220038-FIELD-BLANK

Quant Time: Feb 11 22:43:30 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)

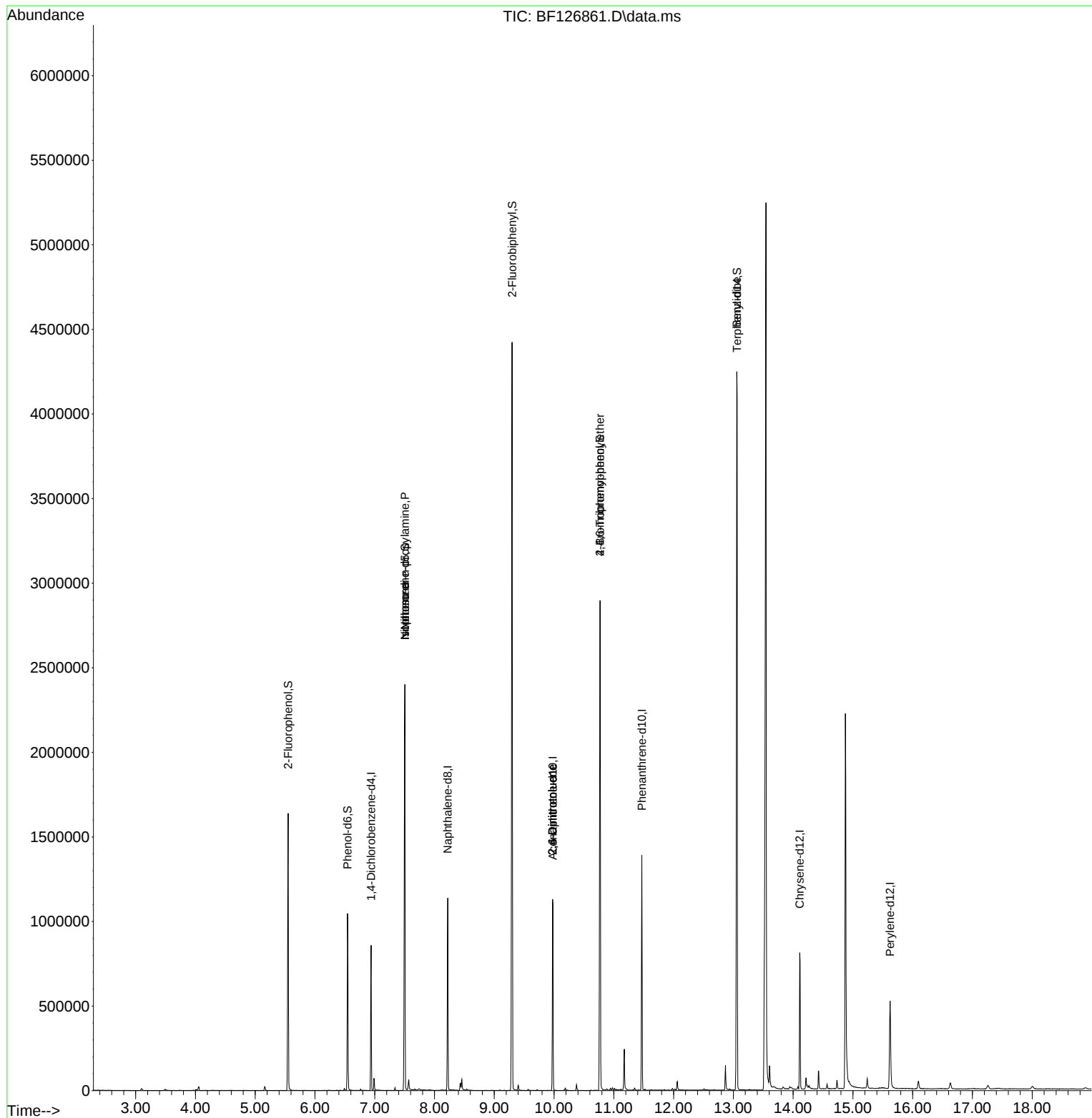
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.940	152	106014	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	434201	20.000	ng	0.00
39) Acenaphthene-d10	9.981	164	226079	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	419222	20.000	ng	0.00
76) Chrysene-d12	14.110	240	259303	20.000	ng	-0.01
86) Perylene-d12	15.621	264	209104	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	379413	55.103	ng	0.00
7) Phenol-d6	6.546	99	312608	33.630	ng	-0.02
23) Nitrobenzene-d5	7.504	82	793058	84.274	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	322316	132.984	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1227842	81.753	ng	0.00
79) Terphenyl-d14	13.063	244	1551869	85.796	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.504	70	108174	18.377	ng	# 76
25) Isophorone	7.504	82	793049	50.300	ng	# 68
51) 2,6-Dinitrotoluene	9.975	165	30173	9.315	ng	# 21
57) 2,4-Dinitrotoluene	9.975	165	30173	7.046	ng	# 16
67) 4-Bromophenyl-phenylether	10.769	248	19502	4.281	ng	# 1
77) Benzidine	13.057	184	22082	3.236	ng	# 94

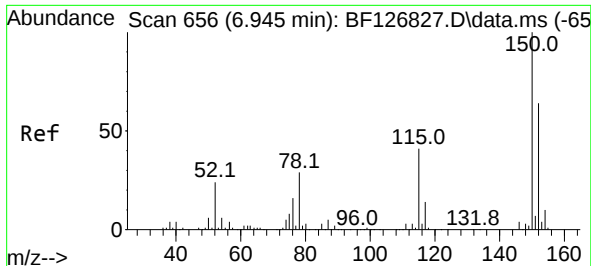
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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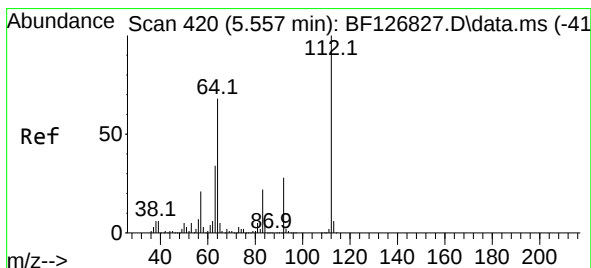
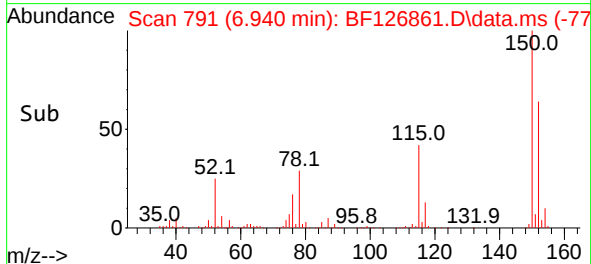
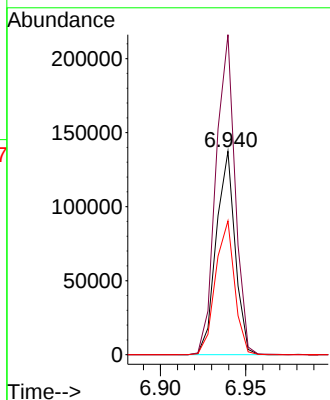
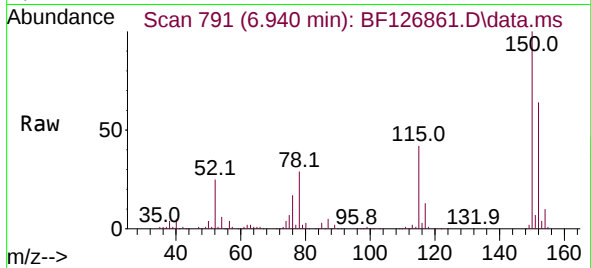




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.940 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF126861.D
Acq: 11 Feb 2022 17:01

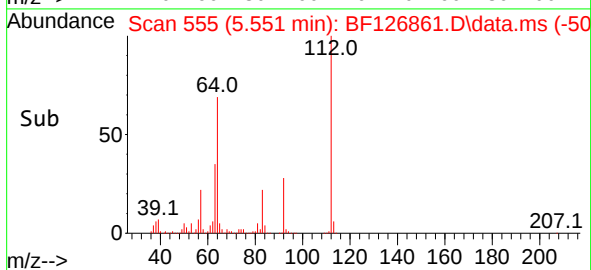
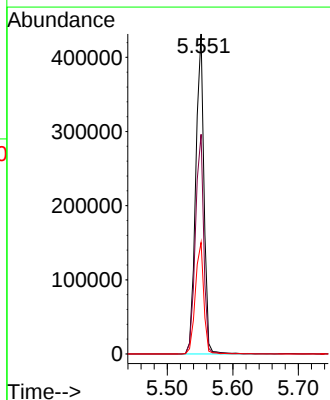
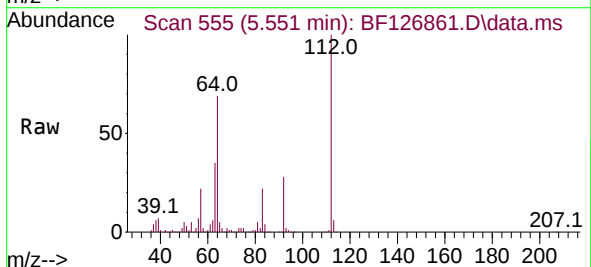
Instrument :
BNA_F
ClientSampleId :
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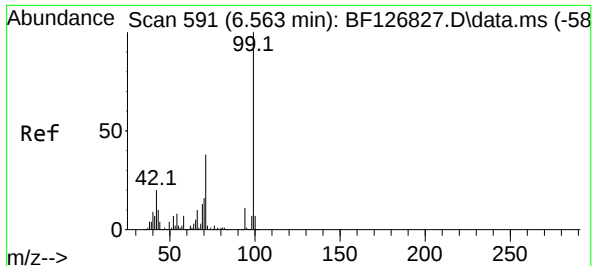
Tgt Ion:152 Resp: 106014
Ion Ratio Lower Upper
152 100
150 157.4 124.3 186.5
115 65.8 50.5 75.7



#5
2-Fluorophenol
Concen: 55.103 ng
RT: 5.551 min Scan# 555
Delta R.T. -0.006 min
Lab File: BF126861.D
Acq: 11 Feb 2022 17:01

Tgt Ion:112 Resp: 379413
Ion Ratio Lower Upper
112 100
64 68.6 54.3 81.5
63 34.9 27.5 41.3

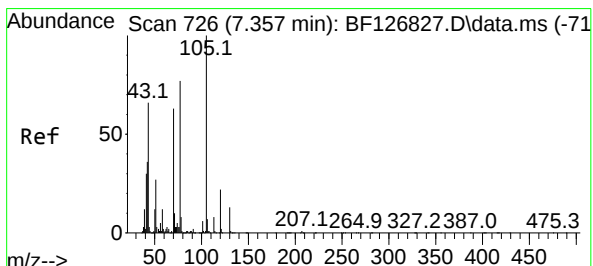
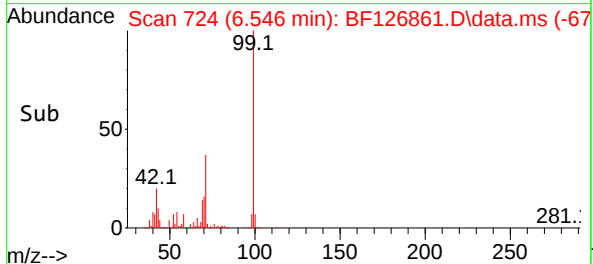
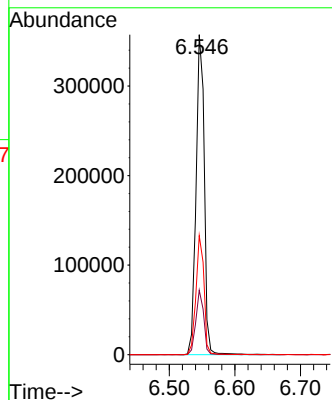
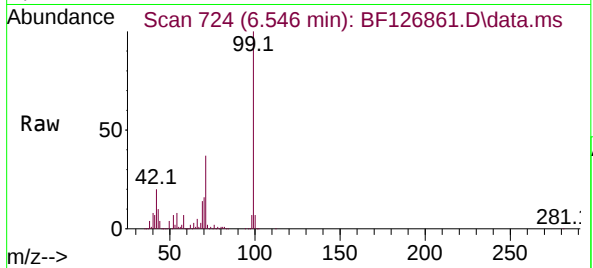




#7
Phenol-d6
Concen: 33.630 ng
RT: 6.546 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF126861.D
Acq: 11 Feb 2022 17:01

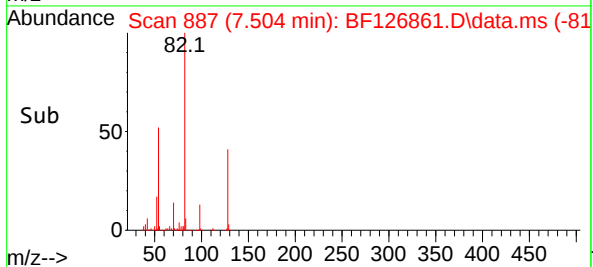
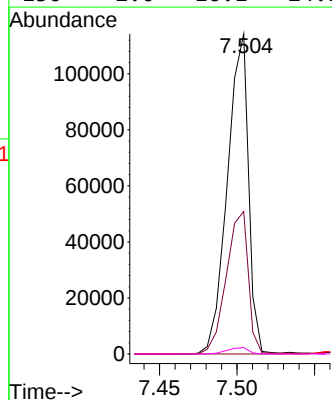
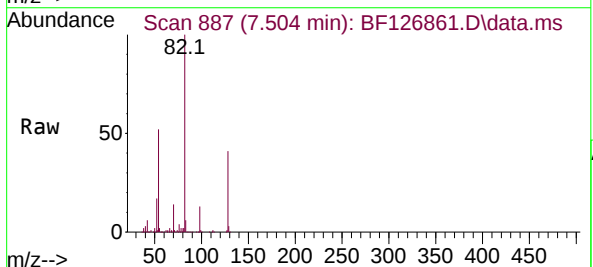
Instrument :
BNA_F
ClientSampleId :
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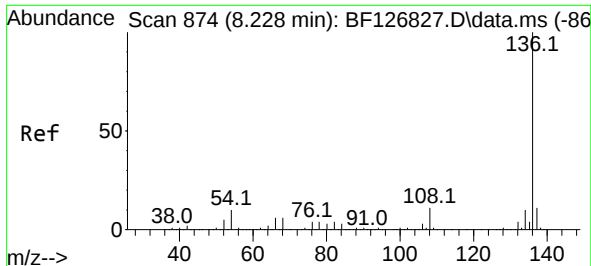
Tgt Ion: 99 Resp: 312608
Ion Ratio Lower Upper
99 100
42 20.1 15.8 23.6
71 37.2 30.6 45.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.377 ng
RT: 7.504 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF126861.D
Acq: 11 Feb 2022 17:01

Tgt Ion: 70 Resp: 108174
Ion Ratio Lower Upper
70 100
42 44.6 46.3 69.5#
101 0.0 7.5 11.3#
130 2.0 16.1 24.1#

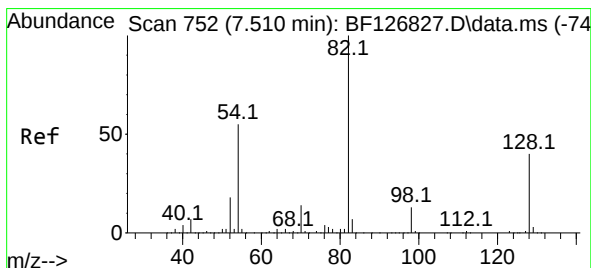
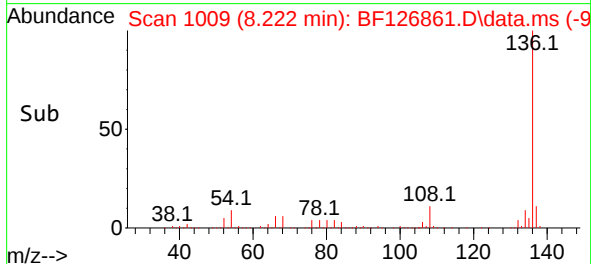
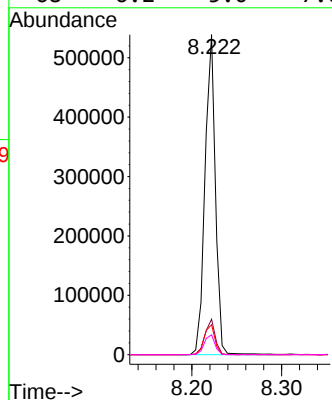
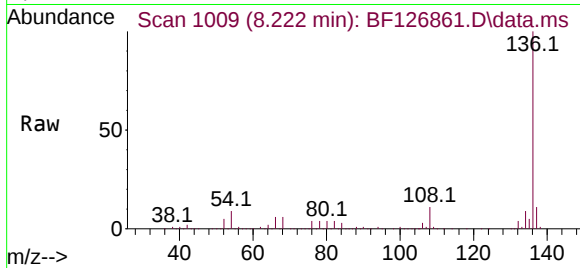




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF126861.D
Acq: 11 Feb 2022 17:01

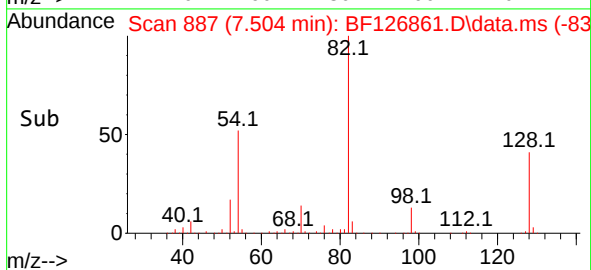
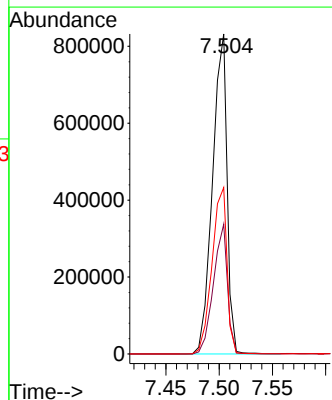
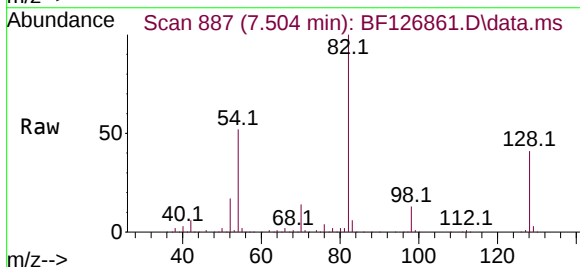
Instrument :
BNA_F
ClientSampleId :
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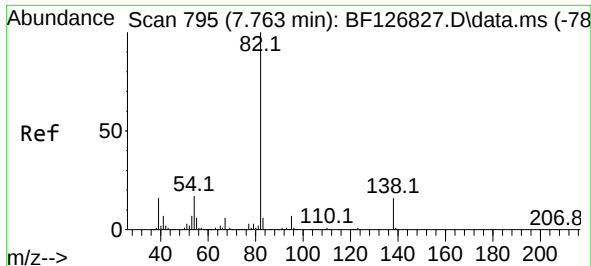
Tgt Ion:136 Resp: 434201
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 9.3 8.0 12.0
68 6.2 5.0 7.6



#23
Nitrobenzene-d5
Concen: 84.274 ng
RT: 7.504 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF126861.D
Acq: 11 Feb 2022 17:01

Tgt Ion: 82 Resp: 793058
Ion Ratio Lower Upper
82 100
128 40.5 31.6 47.4
54 52.0 43.7 65.5

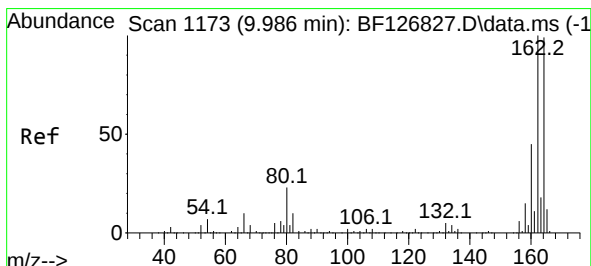
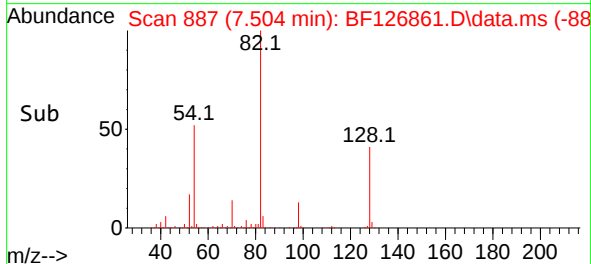
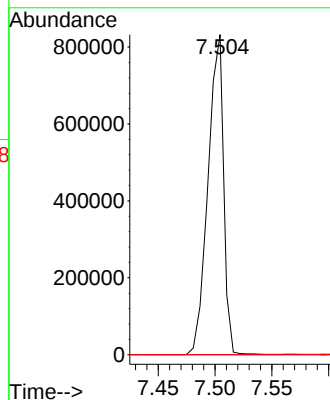
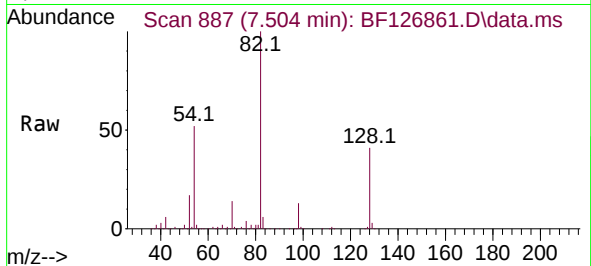




#25
Isophorone
Concen: 50.300 ng
RT: 7.504 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF126861.D
Acq: 11 Feb 2022 17:01

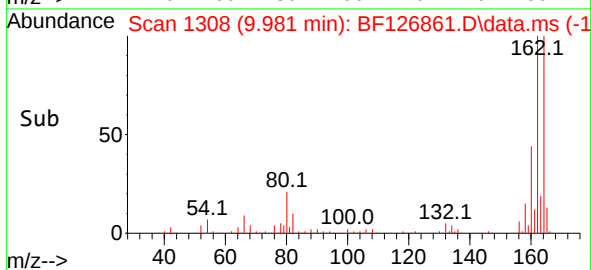
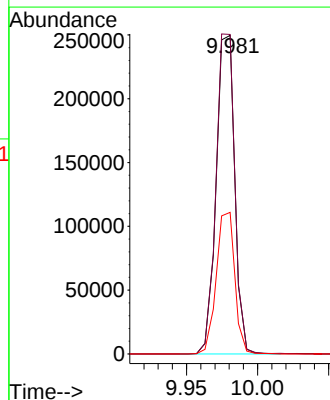
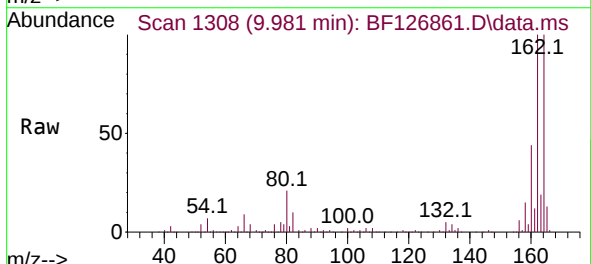
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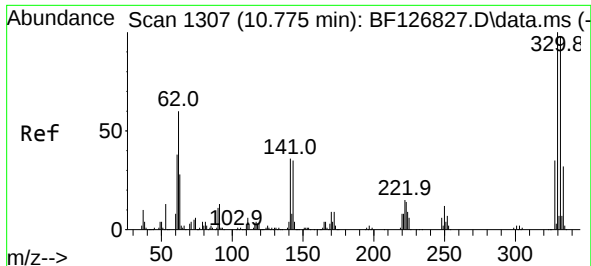
Tgt Ion: 82 Resp: 793049
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 12.6 19.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.981 min Scan# 1308
Delta R.T. -0.005 min
Lab File: BF126861.D
Acq: 11 Feb 2022 17:01

Tgt Ion: 164 Resp: 226079
Ion Ratio Lower Upper
164 100
162 100.3 80.9 121.3
160 44.4 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 132.984 ng

RT: 10.769 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF126861.D

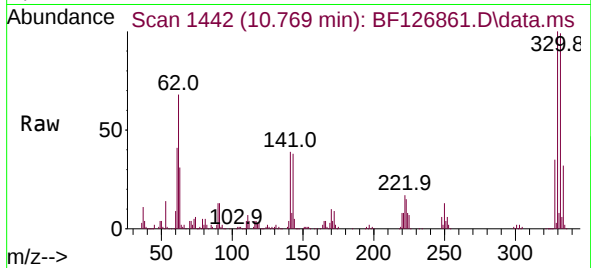
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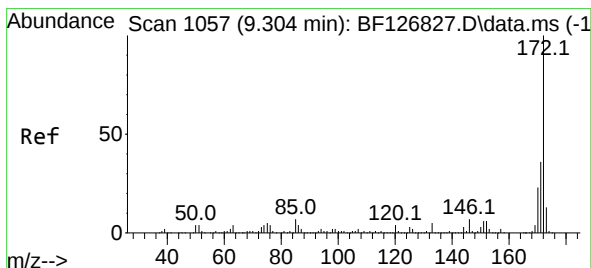
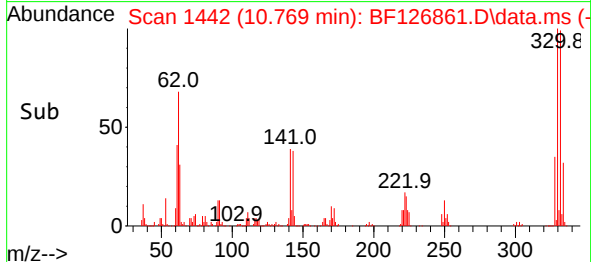
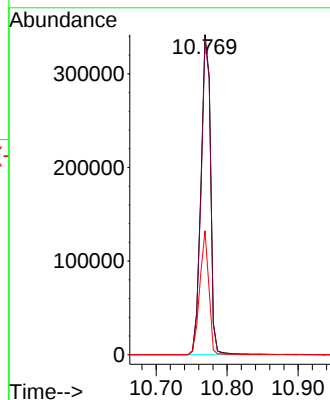
Tgt Ion:330 Resp: 322316

Ion Ratio Lower Upper

330 100

332 97.9 78.2 117.4

141 36.5 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 81.753 ng

RT: 9.298 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF126861.D

Acq: 11 Feb 2022 17:01

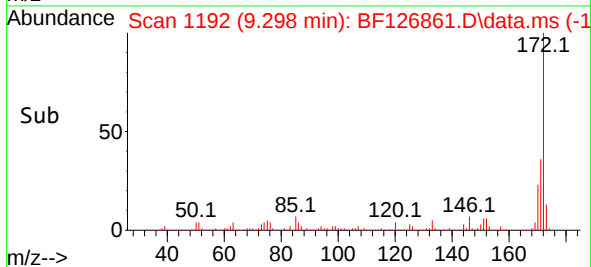
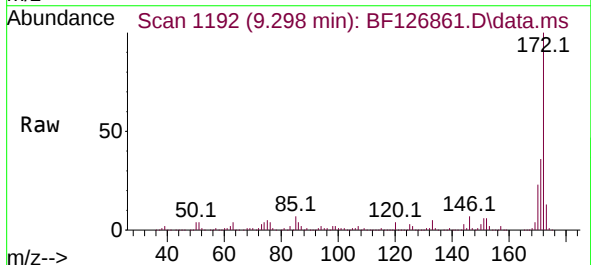
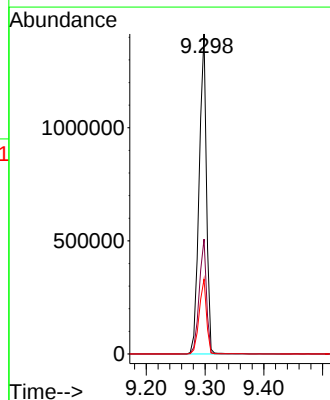
Tgt Ion:172 Resp: 1227842

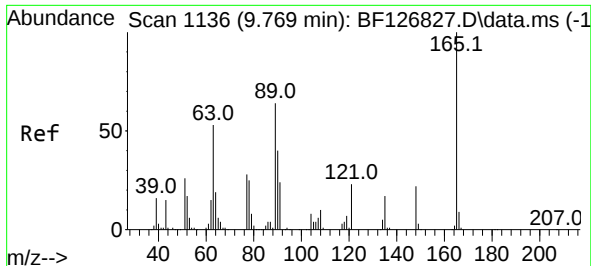
Ion Ratio Lower Upper

172 100

171 35.9 28.5 42.7

170 23.4 18.7 28.1

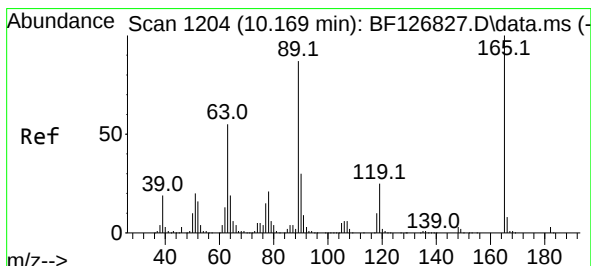
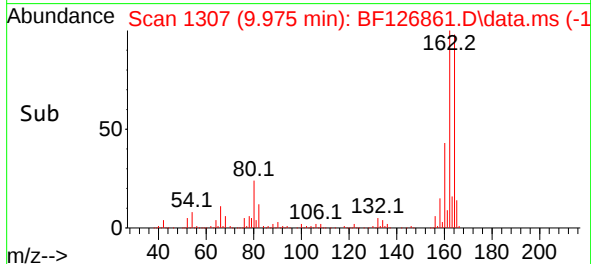
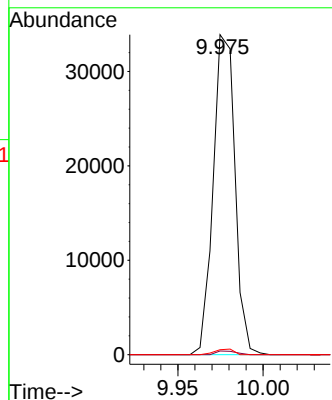
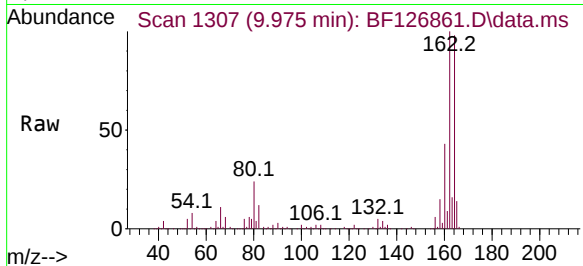




#51
2,6-Dinitrotoluene
Concen: 9.315 ng
RT: 9.975 min Scan# 1136
Delta R.T. 0.206 min
Lab File: BF126861.D
Acq: 11 Feb 2022 17:01

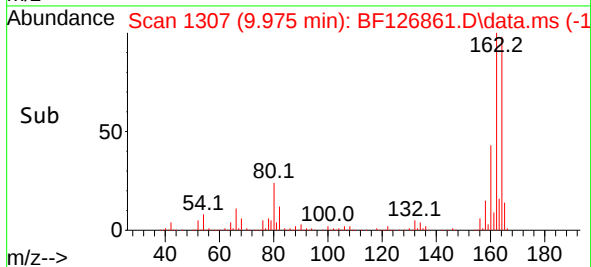
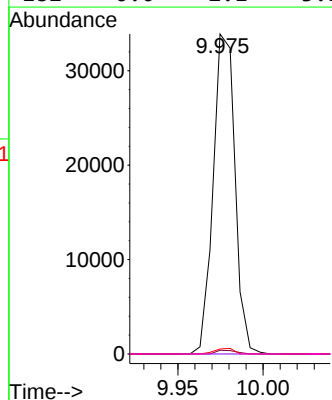
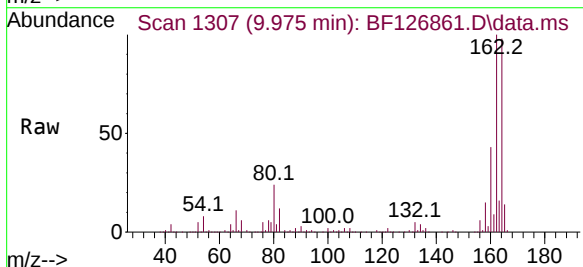
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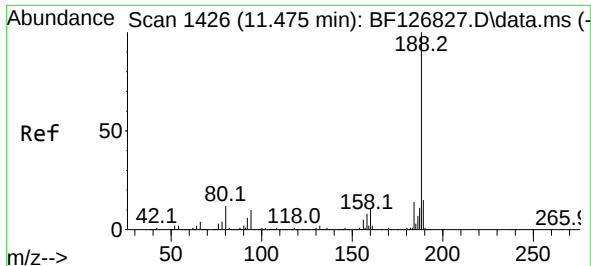
Tgt Ion:165 Resp: 30173
Ion Ratio Lower Upper
165 100
63 1.2 49.9 74.9#
89 1.6 51.0 76.4#



#57
2,4-Dinitrotoluene
Concen: 7.046 ng
RT: 9.975 min Scan# 1307
Delta R.T. -0.194 min
Lab File: BF126861.D
Acq: 11 Feb 2022 17:01

Tgt Ion:165 Resp: 30173
Ion Ratio Lower Upper
165 100
63 1.2 43.9 65.9#
89 1.6 69.8 104.8#
182 0.0 2.1 3.1#

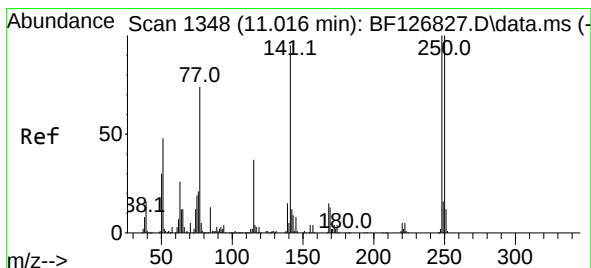
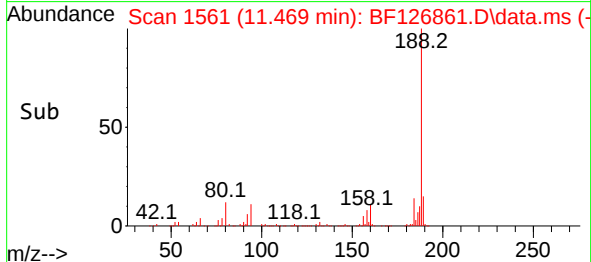
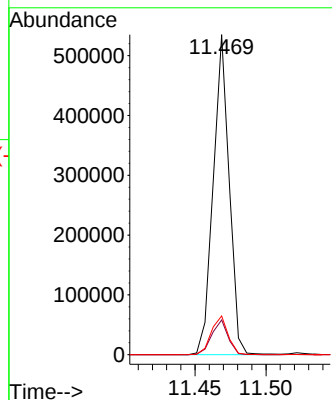
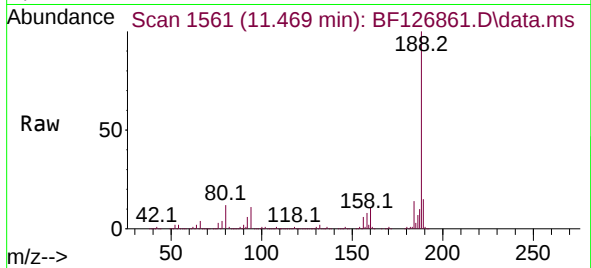




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.469 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126861.D
Acq: 11 Feb 2022 17:01

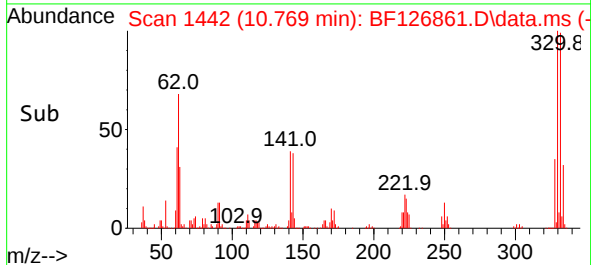
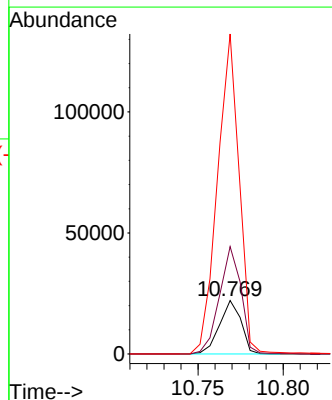
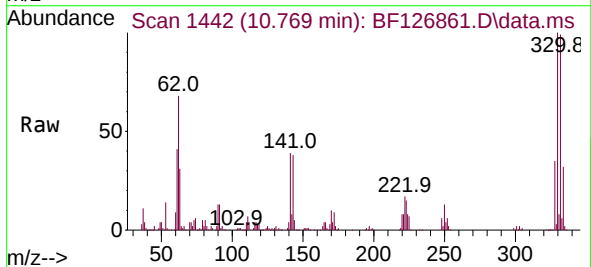
Instrument :
BNA_F
ClientSampleId :
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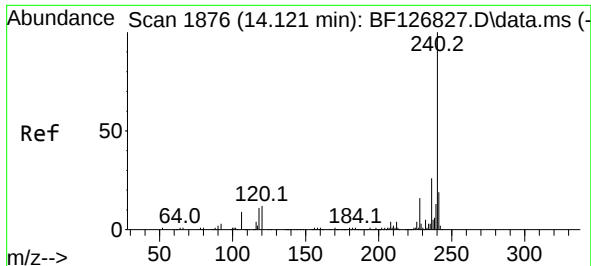
Tgt Ion:188 Resp: 419222
Ion Ratio Lower Upper
188 100
94 10.8 8.1 12.1
80 12.1 9.5 14.3



#67
4-Bromophenyl-phenylether
Concen: 4.281 ng
RT: 10.769 min Scan# 1442
Delta R.T. -0.247 min
Lab File: BF126861.D
Acq: 11 Feb 2022 17:01

Tgt Ion:248 Resp: 19502
Ion Ratio Lower Upper
248 100
250 200.8 80.0 120.0#
141 598.4 75.6 113.4#

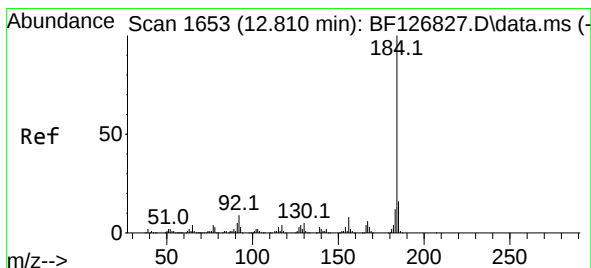
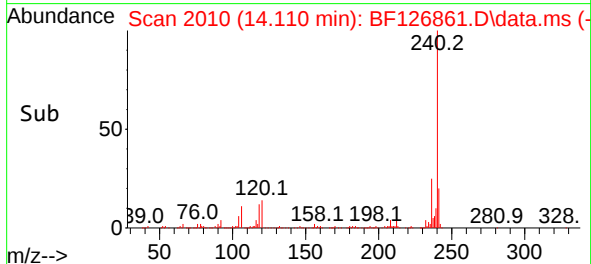
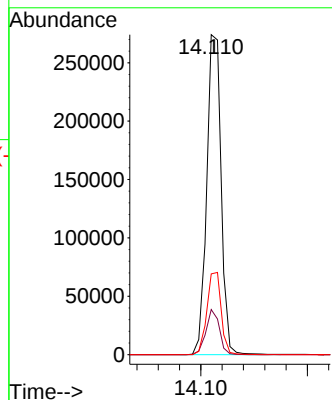
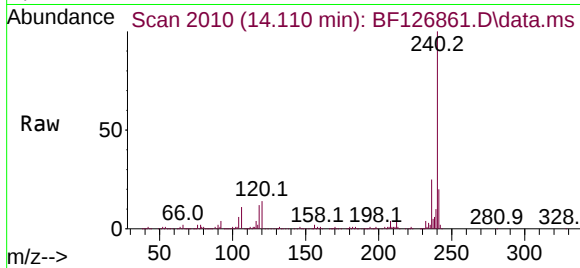




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF126861.D
Acq: 11 Feb 2022 17:01

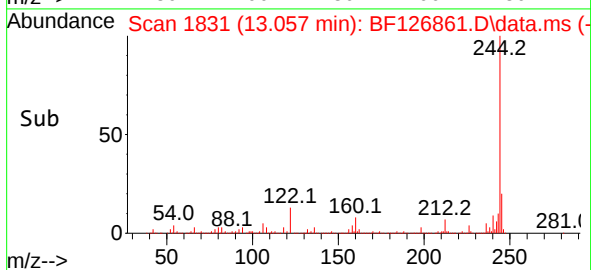
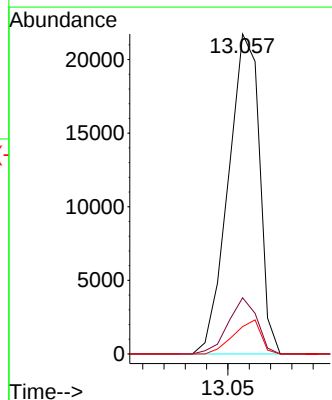
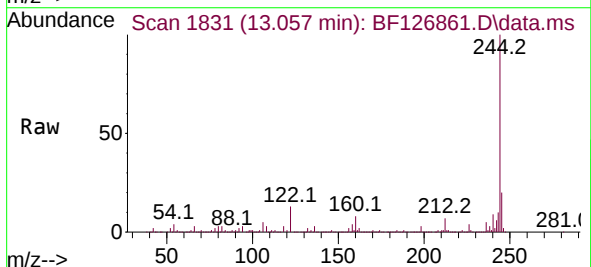
Instrument :
BNA_F
ClientSampleId :
20220038-FIELD-BLANK

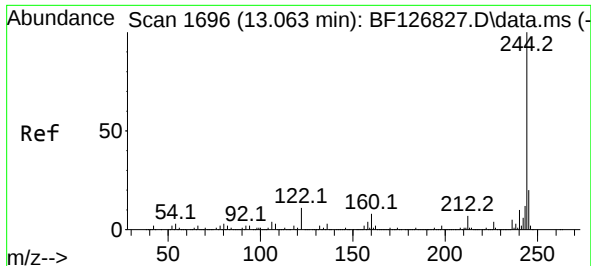
Tgt Ion:240 Resp: 259303
Ion Ratio Lower Upper
240 100
120 14.1 9.8 14.6
236 25.2 20.5 30.7



#77
Benzidine
Concen: 3.236 ng
RT: 13.057 min Scan# 1831
Delta R.T. 0.247 min
Lab File: BF126861.D
Acq: 11 Feb 2022 17:01

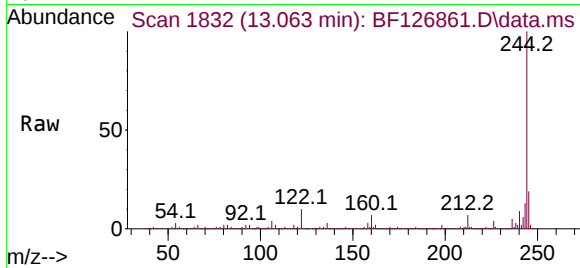
Tgt Ion:184 Resp: 22082
Ion Ratio Lower Upper
184 100
185 17.6 12.5 18.7
183 8.6 9.6 14.4#





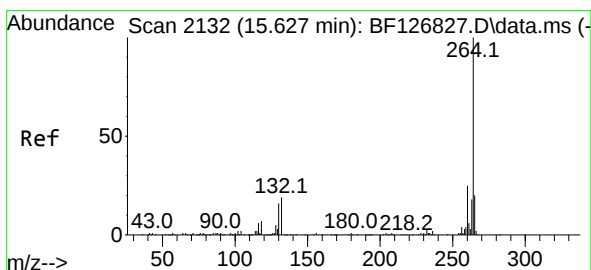
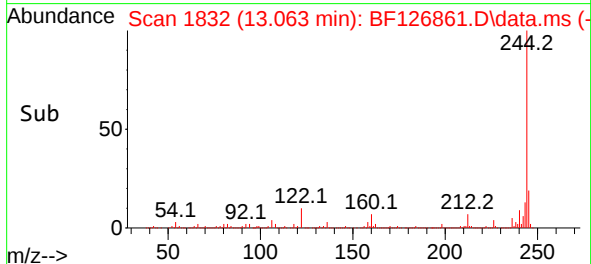
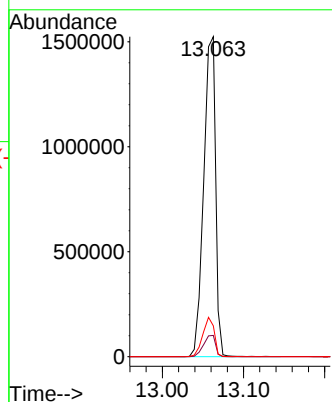
#79
 Terphenyl-d14
 Concen: 85.796 ng
 RT: 13.063 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF126861.D
 Acq: 11 Feb 2022 17:01

Instrument :
 BNA_F
 ClientSampleId :
 20220038-FIELD-BLANK



Tgt Ion:244 Resp: 1551869

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.6	8.4
122	9.7	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: BF126861.D
 Acq: 11 Feb 2022 17:01

Tgt Ion:264 Resp: 209104

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.6	29.4
265	22.0	15.9	23.9

