

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021422\
 Data File : BF126882.D
 Acq On : 14 Feb 2022 20:25
 Operator : CG\JU
 Sample : N1530-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220108-FIELD-BLANK

Quant Time: Feb 15 01:02:39 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)

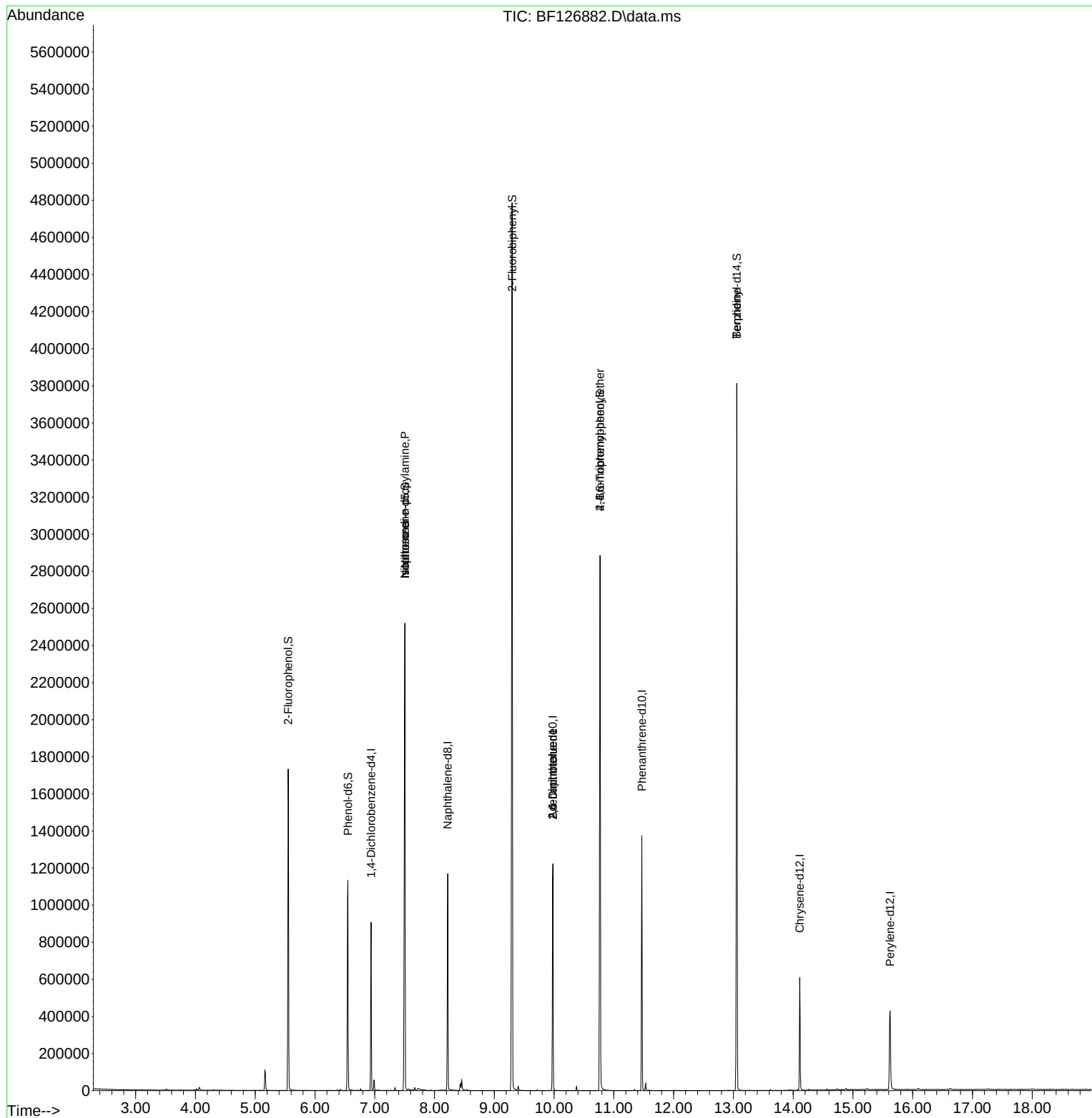
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	111713	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	462652	20.000	ng	0.00
39) Acenaphthene-d10	9.980	164	243215	20.000	ng	0.00
64) Phenanthrene-d10	11.468	188	424659	20.000	ng	0.00
76) Chrysene-d12	14.109	240	190625	20.000	ng	-0.01
86) Perylene-d12	15.621	264	192469	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	428531	59.061	ng	0.00
7) Phenol-d6	6.551	99	351235	35.858	ng	-0.01
23) Nitrobenzene-d5	7.504	82	868128	86.578	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	332331	127.455	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1358164	84.058	ng	0.00
79) Terphenyl-d14	13.057	244	1273683	95.786	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.504	70	119498	19.265	ng	# 77
25) Isophorone	7.504	82	868120	51.676	ng	# 68
51) 2,6-Dinitrotoluene	9.980	165	30481	8.747	ng	# 21
57) 2,4-Dinitrotoluene	9.980	165	30481	6.616	ng	# 16
67) 4-Bromophenyl-phenylether	10.769	248	19248	4.171	ng	# 1
77) Benzidine	13.057	184	18734	3.735	ng	# 94

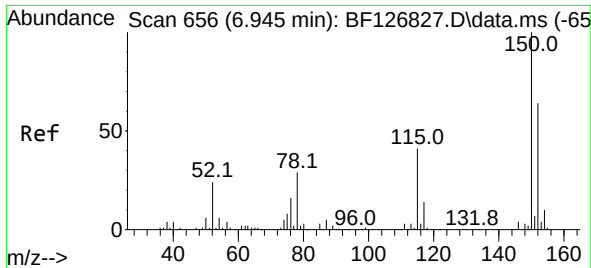
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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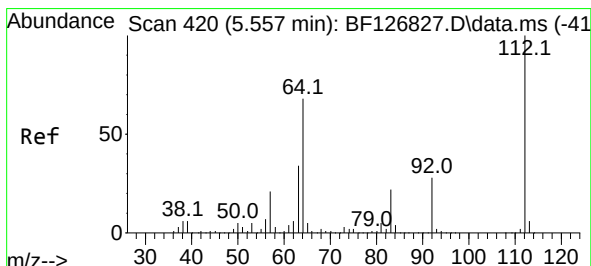
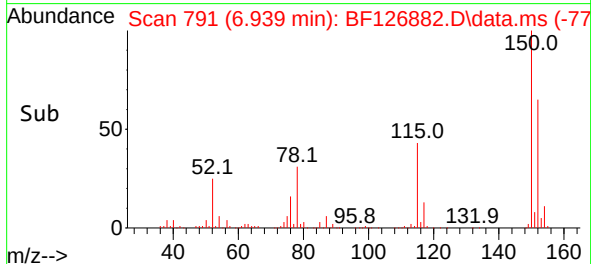
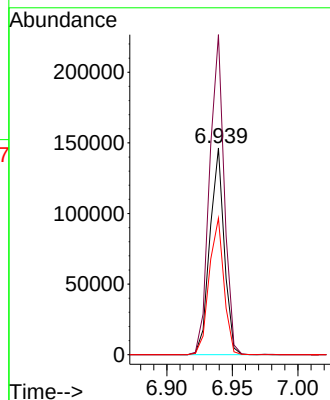
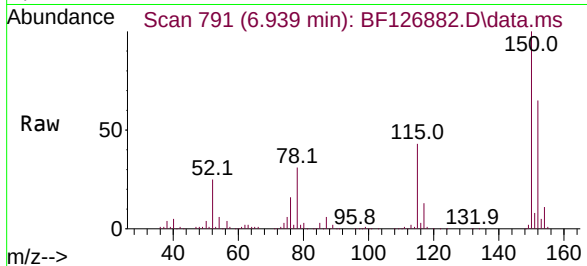




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.939 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126882.D
Acq: 14 Feb 2022 20:25

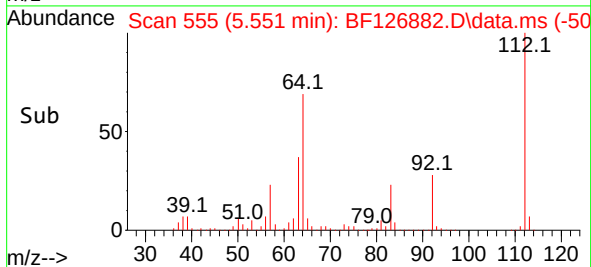
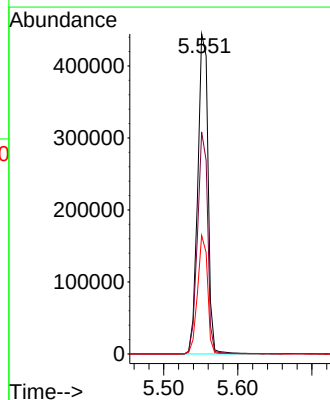
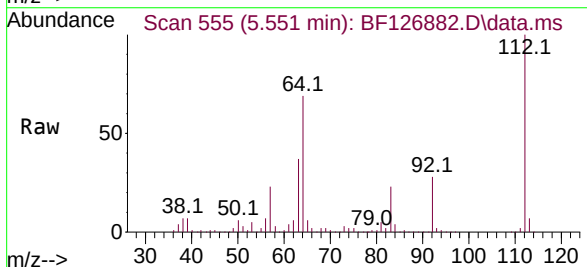
Instrument :
BNA_F
ClientSampleId :
20220108-FIELD-BLANK

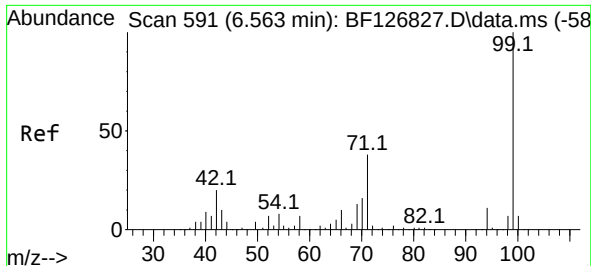
Tgt Ion:152 Resp: 111713
Ion Ratio Lower Upper
152 100
150 154.8 124.3 186.5
115 66.1 50.5 75.7



#5
2-Fluorophenol
Concen: 59.061 ng
RT: 5.551 min Scan# 555
Delta R.T. -0.006 min
Lab File: BF126882.D
Acq: 14 Feb 2022 20:25

Tgt Ion:112 Resp: 428531
Ion Ratio Lower Upper
112 100
64 69.4 54.3 81.5
63 37.1 27.5 41.3

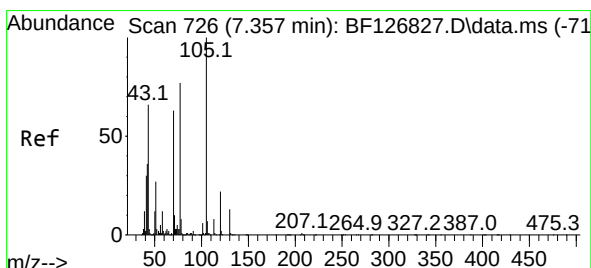
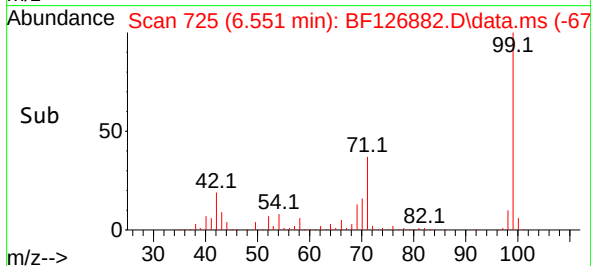
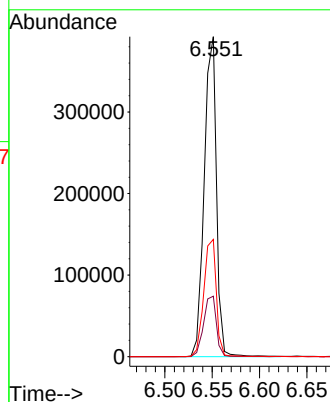
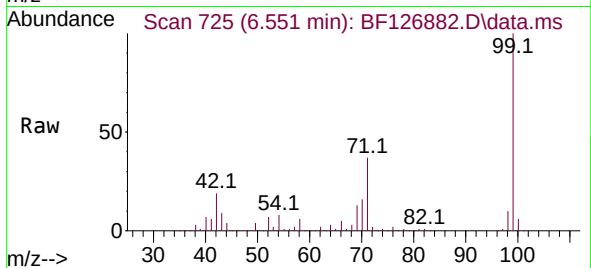




#7
Phenol-d6
Concen: 35.858 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126882.D
Acq: 14 Feb 2022 20:25

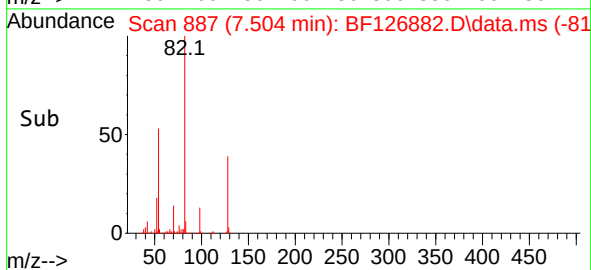
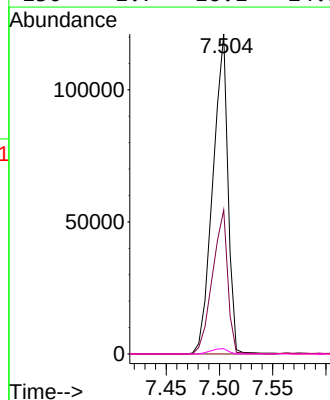
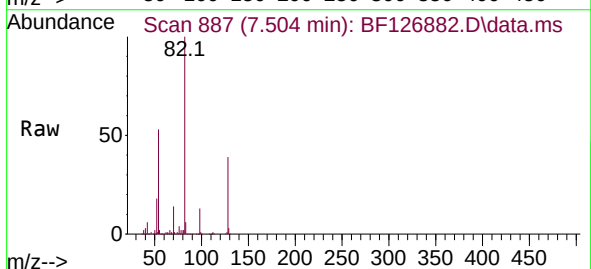
Instrument :
BNA_F
ClientSampleId :
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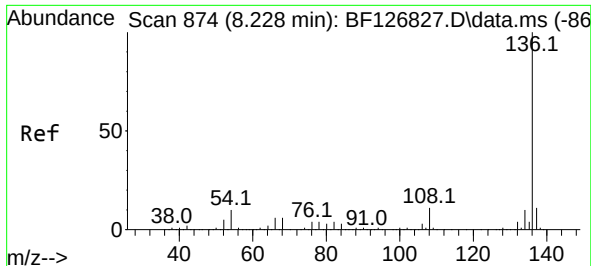
Tgt Ion: 99 Resp: 351235
Ion Ratio Lower Upper
99 100
42 18.9 15.8 23.6
71 36.6 30.6 45.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.265 ng
RT: 7.504 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF126882.D
Acq: 14 Feb 2022 20:25

Tgt Ion: 70 Resp: 119498
Ion Ratio Lower Upper
70 100
42 45.0 46.3 69.5#
101 0.0 7.5 11.3#
130 1.7 16.1 24.1#

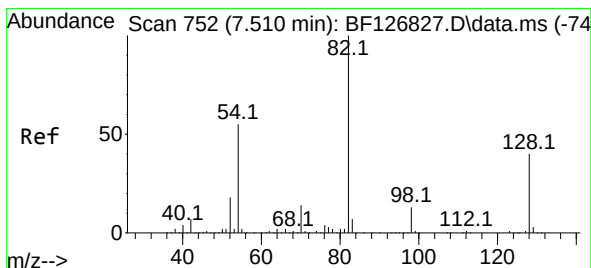
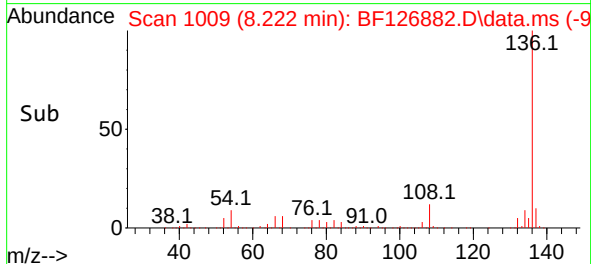
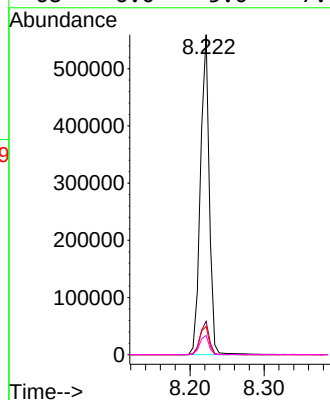
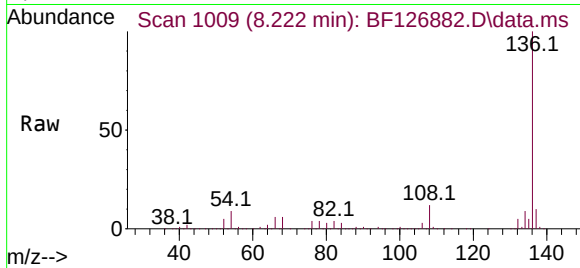




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF126882.D
Acq: 14 Feb 2022 20:25

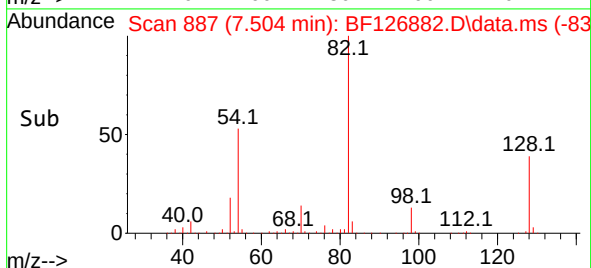
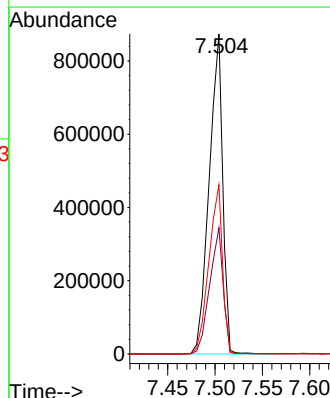
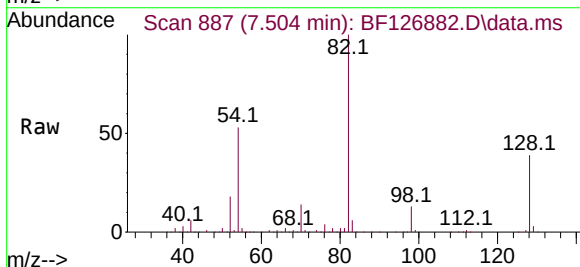
Instrument :
BNA_F
ClientSampleId :
20220108-FIELD-BLANK

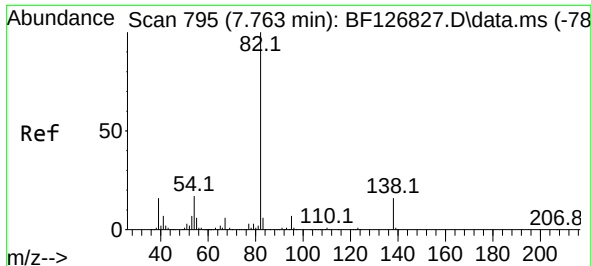
Tgt Ion:136 Resp: 462652
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 8.8 8.0 12.0
68 6.0 5.0 7.6



#23
Nitrobenzene-d5
Concen: 86.578 ng
RT: 7.504 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF126882.D
Acq: 14 Feb 2022 20:25

Tgt Ion: 82 Resp: 868128
Ion Ratio Lower Upper
82 100
128 39.4 31.6 47.4
54 52.9 43.7 65.5

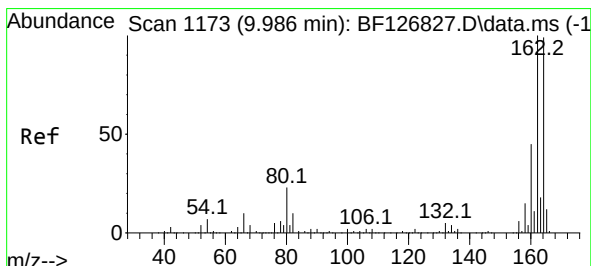
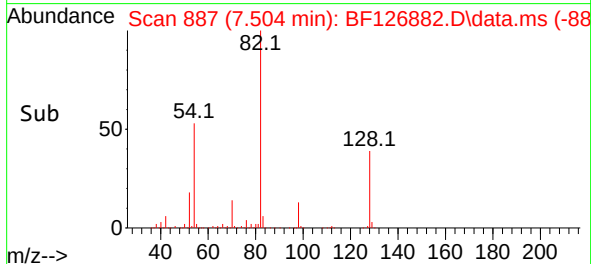
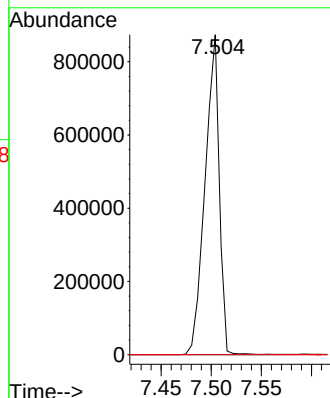
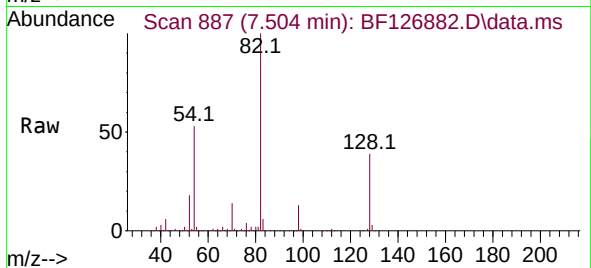




#25
Isophorone
Concen: 51.676 ng
RT: 7.504 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF126882.D
Acq: 14 Feb 2022 20:25

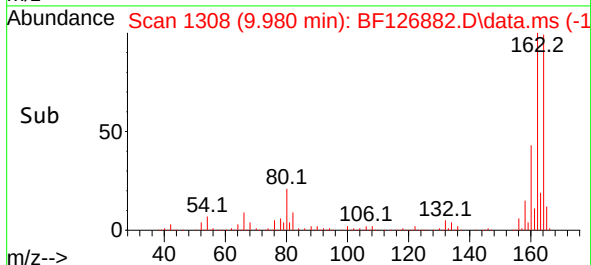
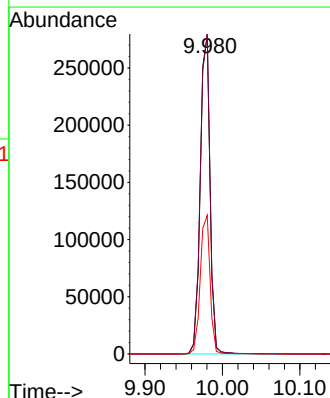
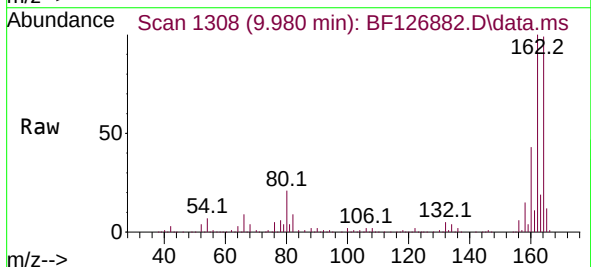
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ClientSampleId :
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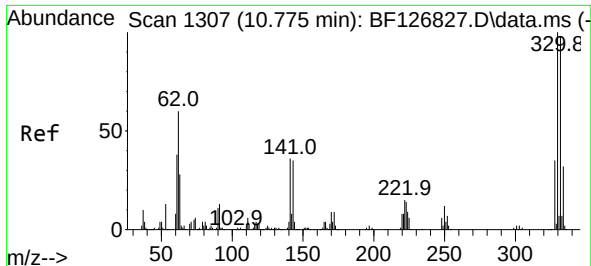
Tgt Ion: 82 Resp: 868120
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 12.6 19.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.980 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF126882.D
Acq: 14 Feb 2022 20:25

Tgt Ion: 164 Resp: 243215
Ion Ratio Lower Upper
164 100
162 100.6 80.9 121.3
160 43.6 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 127.455 ng

RT: 10.769 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF126882.D

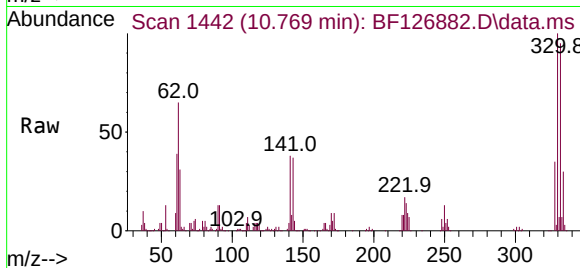
Acq: 14 Feb 2022 20:25

Instrument :

BNA_F

ClientSampleId :

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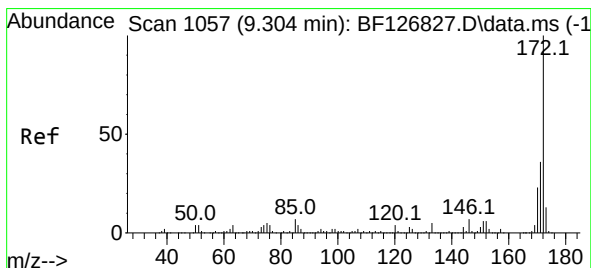
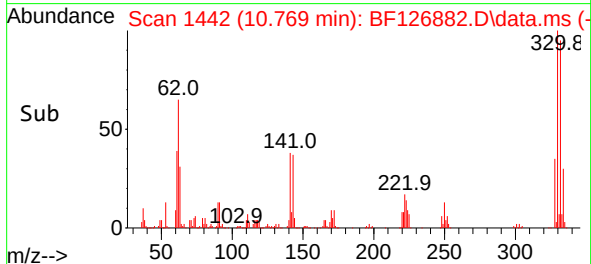
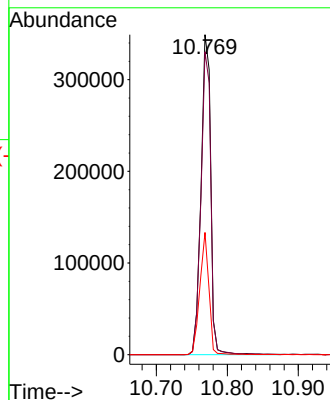
Tgt Ion:330 Resp: 332331

Ion Ratio Lower Upper

330 100

332 95.4 78.2 117.4

141 35.9 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 84.058 ng

RT: 9.298 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF126882.D

Acq: 14 Feb 2022 20:25

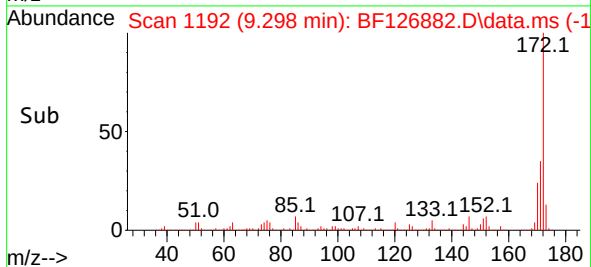
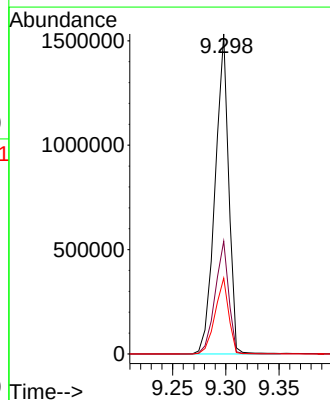
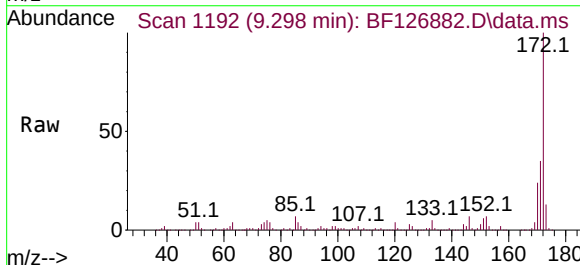
Tgt Ion:172 Resp: 1358164

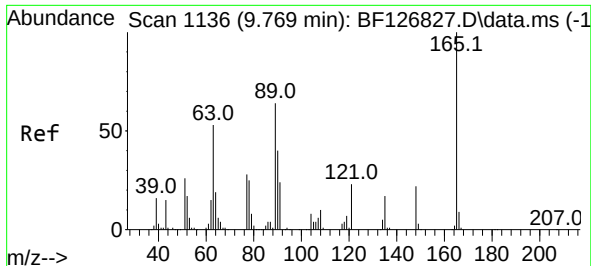
Ion Ratio Lower Upper

172 100

171 35.2 28.5 42.7

170 23.7 18.7 28.1

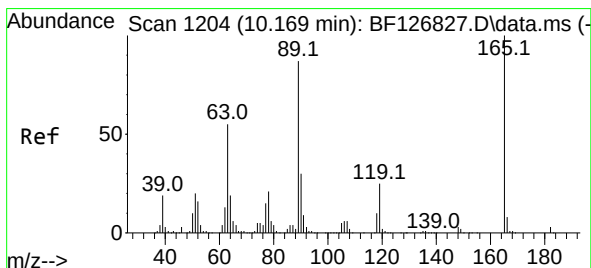
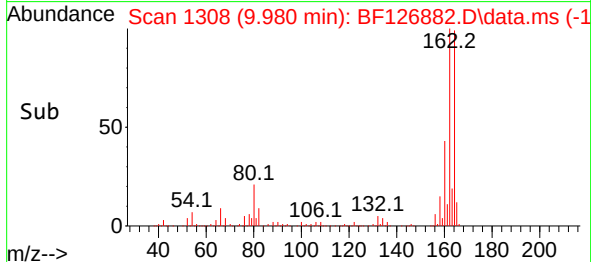
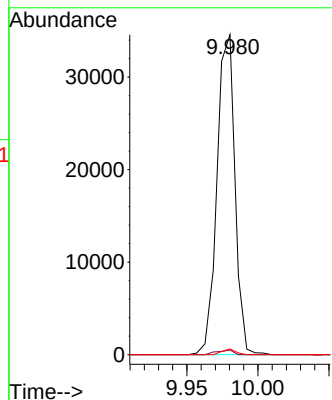
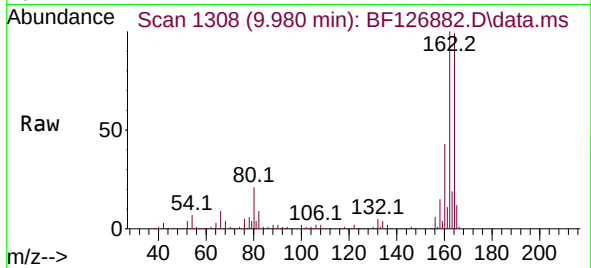




#51
2,6-Dinitrotoluene
Concen: 8.747 ng
RT: 9.980 min Scan# 1136
Delta R.T. 0.211 min
Lab File: BF126882.D
Acq: 14 Feb 2022 20:25

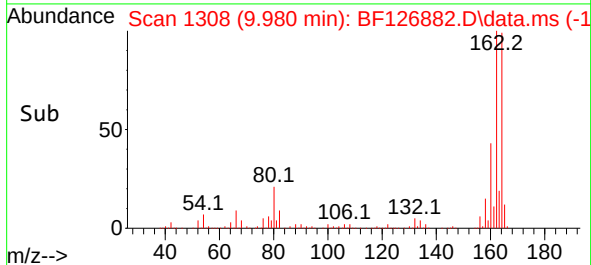
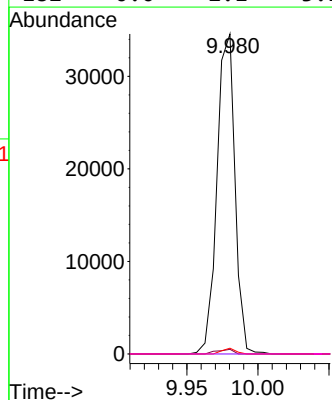
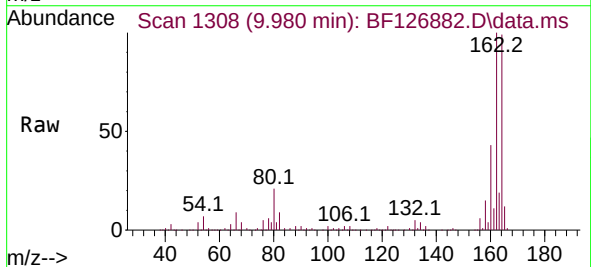
Instrument :
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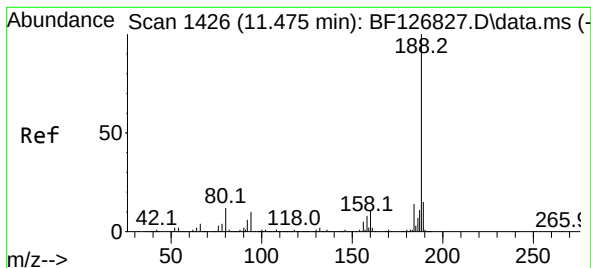
Tgt Ion:165 Resp: 30481
Ion Ratio Lower Upper
165 100
63 1.5 49.9 74.9#
89 1.8 51.0 76.4#



#57
2,4-Dinitrotoluene
Concen: 6.616 ng
RT: 9.980 min Scan# 1308
Delta R.T. -0.188 min
Lab File: BF126882.D
Acq: 14 Feb 2022 20:25

Tgt Ion:165 Resp: 30481
Ion Ratio Lower Upper
165 100
63 1.5 43.9 65.9#
89 1.8 69.8 104.8#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.468 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126882.D

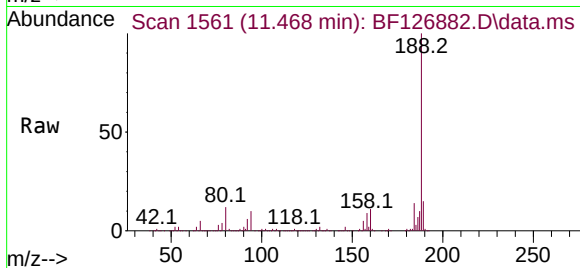
Acq: 14 Feb 2022 20:25

Instrument :

BNA_F

ClientSampleId :

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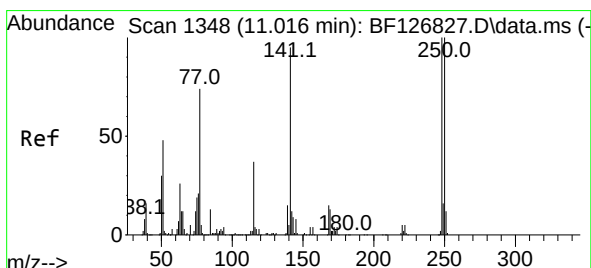
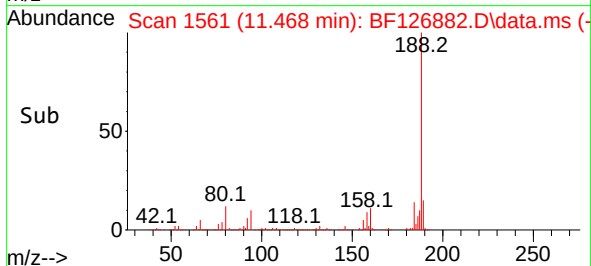
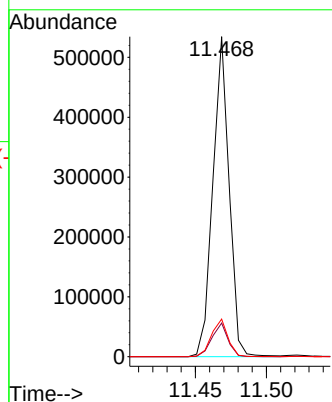
Tgt Ion:188 Resp: 424659

Ion Ratio Lower Upper

188 100

94 10.5 8.1 12.1

80 11.8 9.5 14.3



#67

4-Bromophenyl-phenylether

Concen: 4.171 ng

RT: 10.769 min Scan# 1442

Delta R.T. -0.247 min

Lab File: BF126882.D

Acq: 14 Feb 2022 20:25

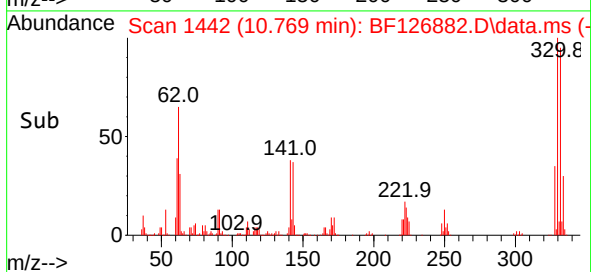
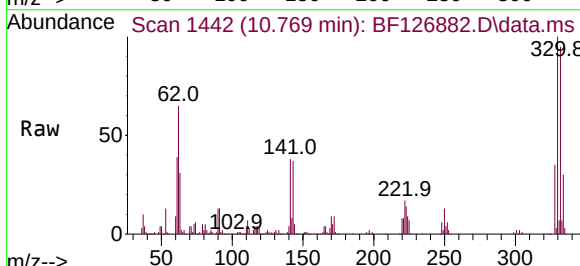
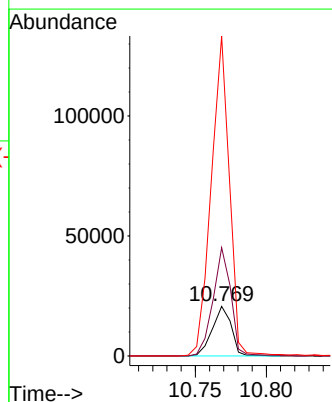
Tgt Ion:248 Resp: 19248

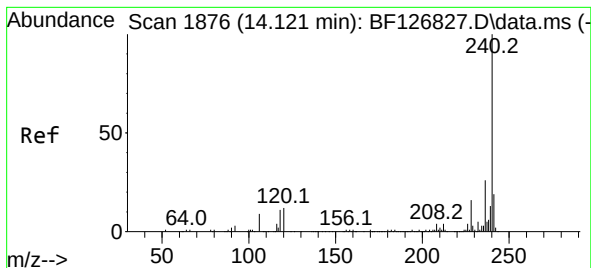
Ion Ratio Lower Upper

248 100

250 218.1 80.0 120.0#

141 644.4 75.6 113.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.109 min Scan# 2010

Delta R.T. -0.012 min

Lab File: BF126882.D

Acq: 14 Feb 2022 20:25

Instrument :

BNA_F

ClientSampleId :

20220108-FIELD-BLANK

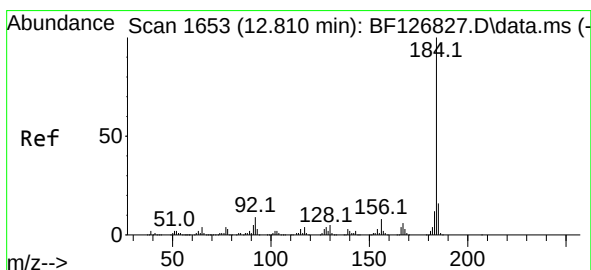
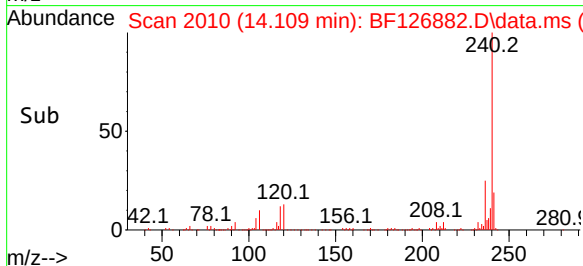
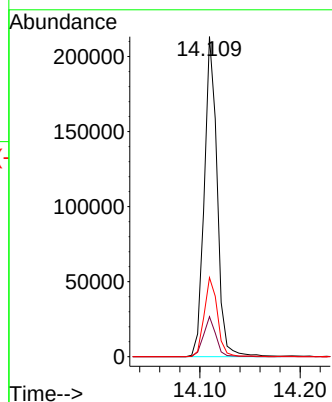
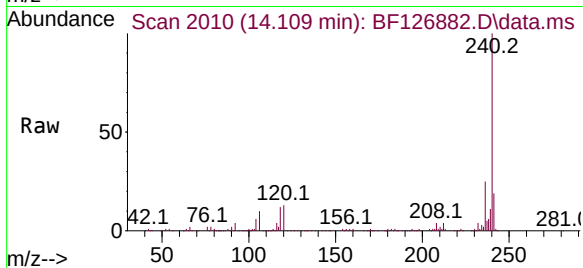
Tgt Ion:240 Resp: 190625

Ion Ratio Lower Upper

240 100

120 12.5 9.8 14.6

236 24.7 20.5 30.7



#77

Benzidine

Concen: 3.735 ng

RT: 13.057 min Scan# 1831

Delta R.T. 0.247 min

Lab File: BF126882.D

Acq: 14 Feb 2022 20:25

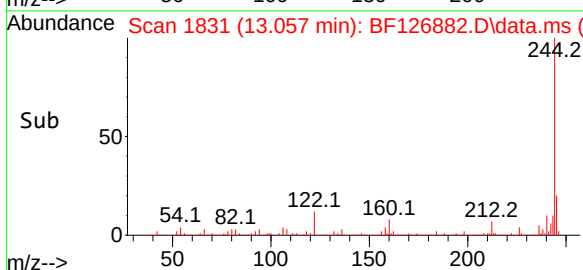
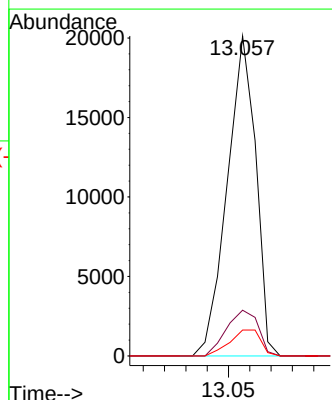
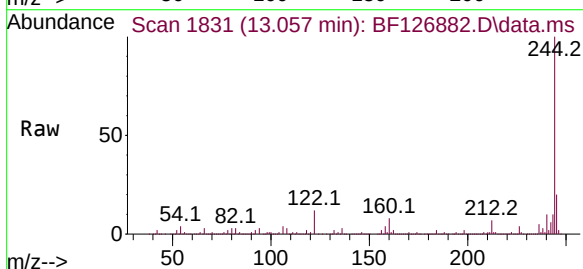
Tgt Ion:184 Resp: 18734

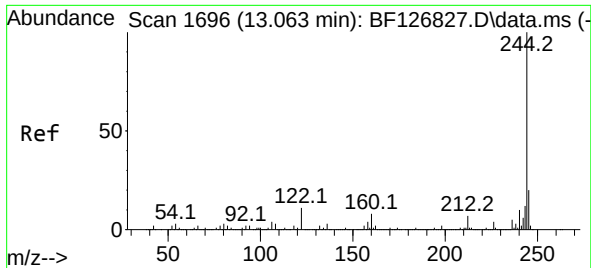
Ion Ratio Lower Upper

184 100

185 14.3 12.5 18.7

183 8.1 9.6 14.4#

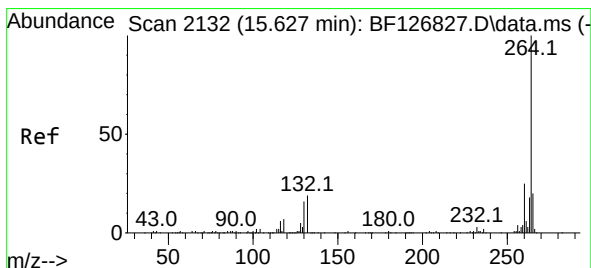
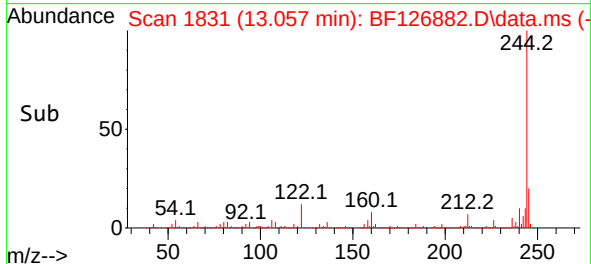
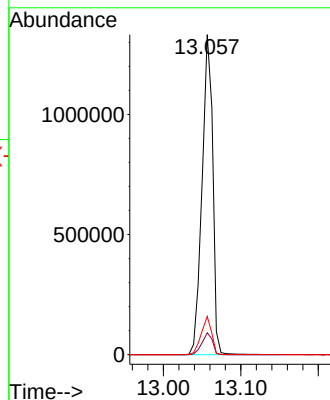
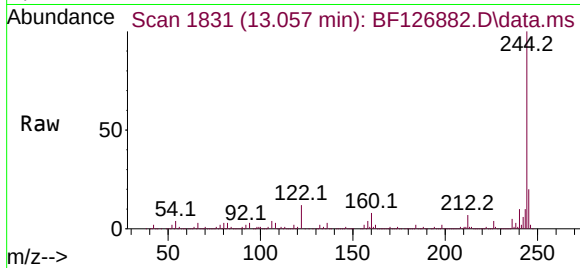




#79
 Terphenyl-d14
 Concen: 95.786 ng
 RT: 13.057 min Scan# 1831
 Delta R.T. -0.006 min
 Lab File: BF126882.D
 Acq: 14 Feb 2022 20:25

Instrument :
 BNA_F
 ClientSampleId :
 20220108-FIELD-BLANK

Tgt Ion:244 Resp: 1273683
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 12.0 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: BF126882.D
 Acq: 14 Feb 2022 20:25

Tgt Ion:264 Resp: 192469
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.6 29.4
 265 20.9 15.9 23.9

