

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021422\
 Data File : BF126875.D
 Acq On : 14 Feb 2022 17:12
 Operator : CG\JU
 Sample : N1513-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220097-FIELD-BLANK-2

Quant Time: Feb 15 01:00:34 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)

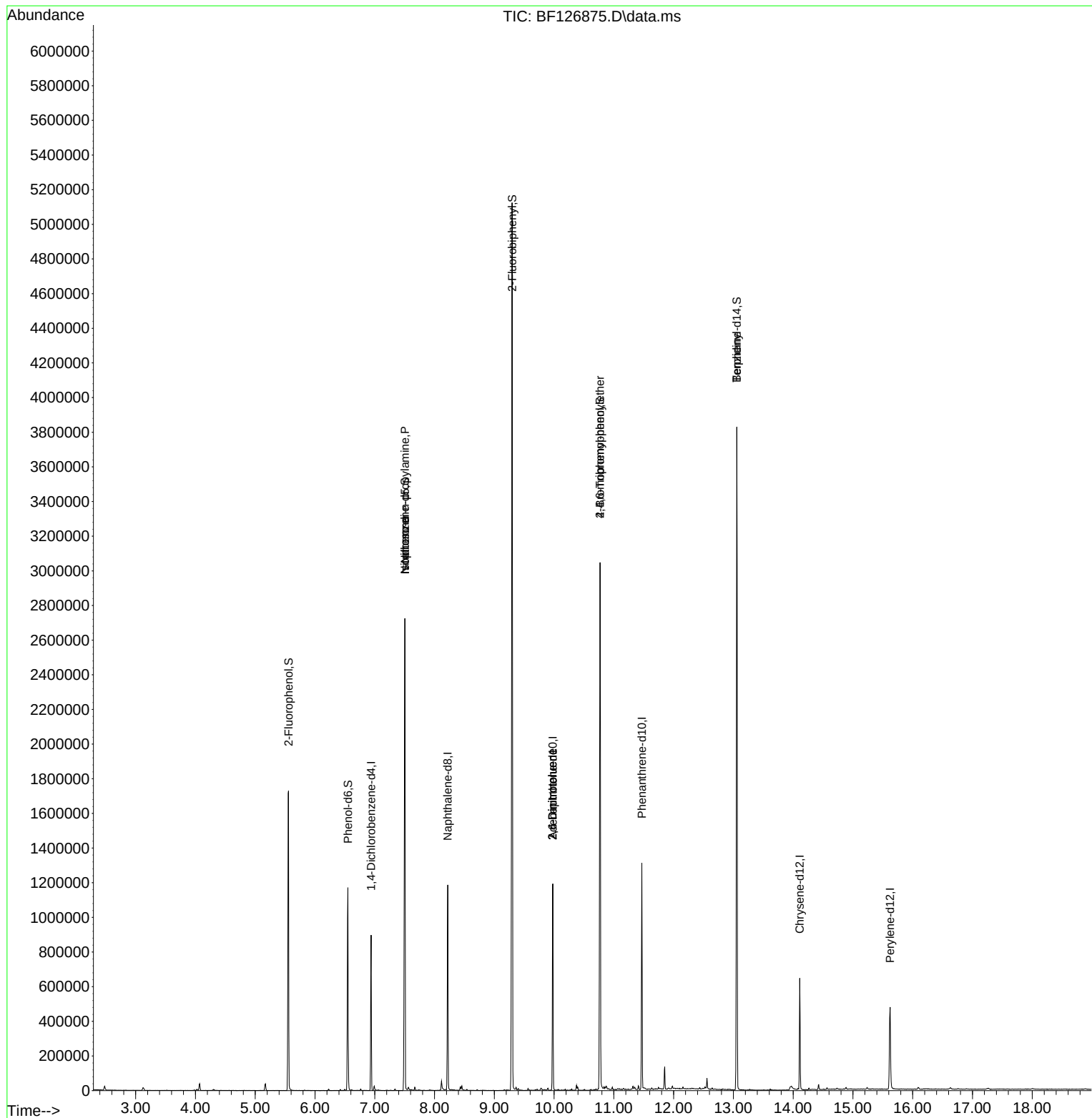
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.940	152	114253	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	471581	20.000	ng	0.00
39) Acenaphthene-d10	9.981	164	243704	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	412562	20.000	ng	0.00
76) Chrysene-d12	14.110	240	193550	20.000	ng	-0.01
86) Perylene-d12	15.621	264	203281	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	444831	59.945	ng	0.00
7) Phenol-d6	6.551	99	356862	35.623	ng	-0.01
23) Nitrobenzene-d5	7.504	82	946237	92.581	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	364598	139.549	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1459511	90.150	ng	0.00
79) Terphenyl-d14	13.057	244	1291542	95.661	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.504	70	129321	20.385	ng	# 77
25) Isophorone	7.504	82	946227	55.258	ng	# 68
51) 2,6-Dinitrotoluene	9.975	165	31648	9.064	ng	# 20
57) 2,4-Dinitrotoluene	9.975	165	31648	6.856	ng	# 15
67) 4-Bromophenyl-phenylether	10.769	248	21607	4.819	ng	# 1
77) Benzidine	13.057	184	19504	3.830	ng	# 94

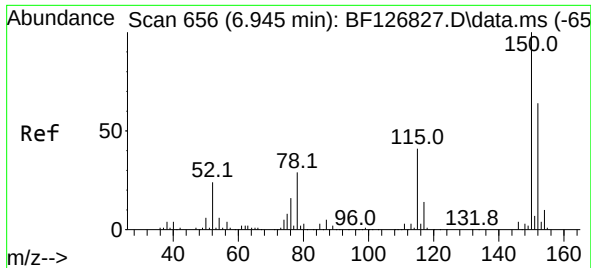
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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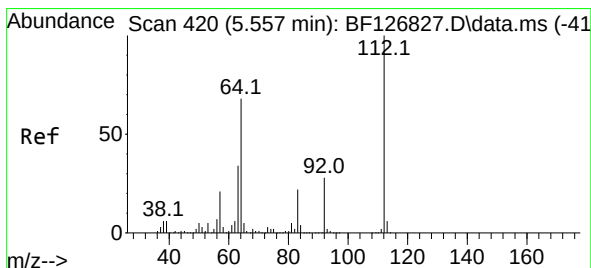
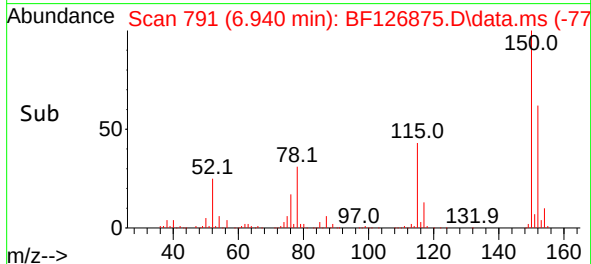
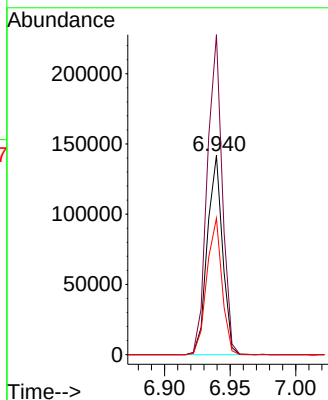
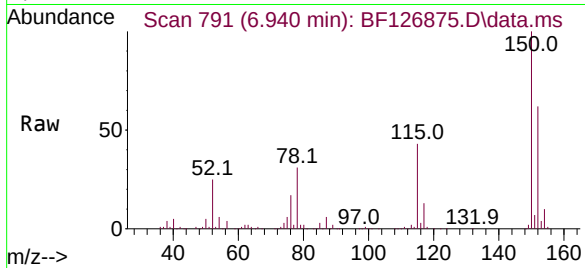




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.940 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF126875.D
 Acq: 14 Feb 2022 17:12

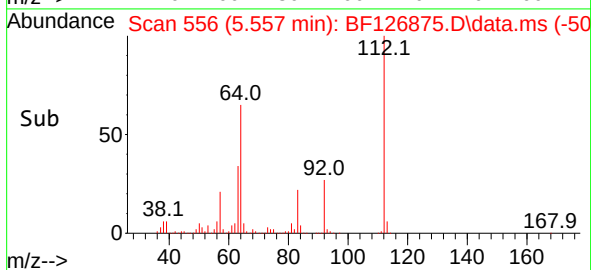
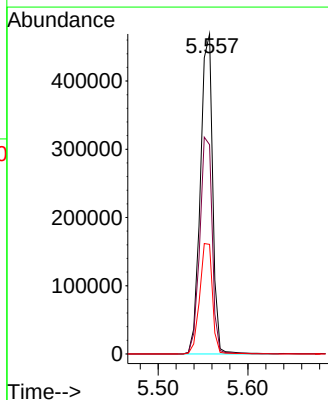
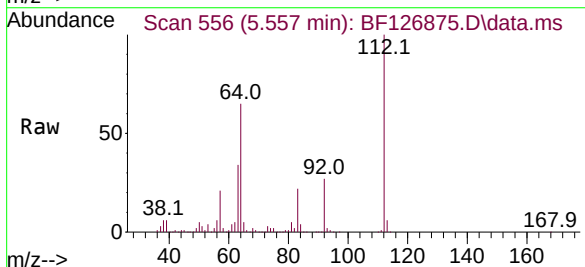
Instrument :
 BNA_F
 ClientSampleId :
 20220097-FIELD-BLANK-2

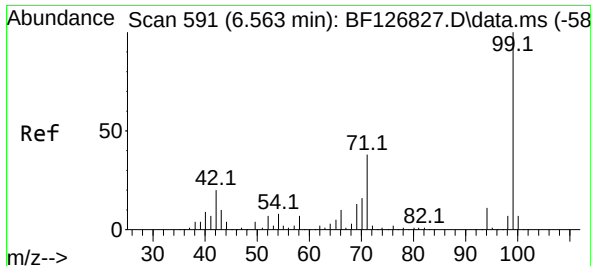
Tgt Ion:152 Resp: 114253
 Ion Ratio Lower Upper
 152 100
 150 160.5 124.3 186.5
 115 68.5 50.5 75.7



#5
 2-Fluorophenol
 Concen: 59.945 ng
 RT: 5.557 min Scan# 556
 Delta R.T. -0.000 min
 Lab File: BF126875.D
 Acq: 14 Feb 2022 17:12

Tgt Ion:112 Resp: 444831
 Ion Ratio Lower Upper
 112 100
 64 65.4 54.3 81.5
 63 34.3 27.5 41.3





#7

Phenol-d6

Concen: 35.623 ng

RT: 6.551 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF126875.D

Acq: 14 Feb 2022 17:12

Instrument :

BNA_F

ClientSampleId :

20220097-FIELD-BLANK-2

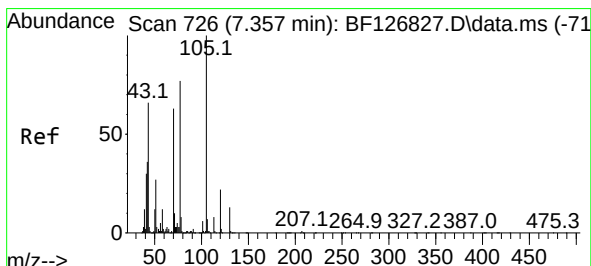
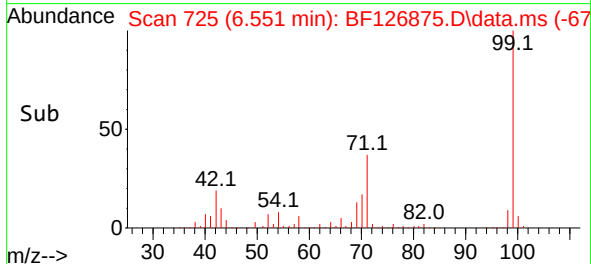
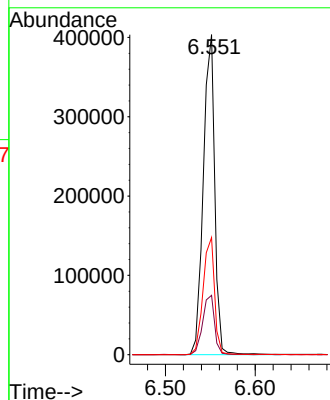
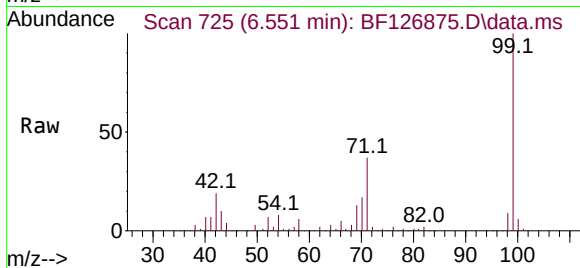
Tgt Ion: 99 Resp: 356862

Ion Ratio Lower Upper

99 100

42 18.6 15.8 23.6

71 36.6 30.6 45.8



#19

n-Nitroso-di-n-propylamine

Concen: 20.385 ng

RT: 7.504 min Scan# 887

Delta R.T. 0.147 min

Lab File: BF126875.D

Acq: 14 Feb 2022 17:12

Tgt Ion: 70 Resp: 129321

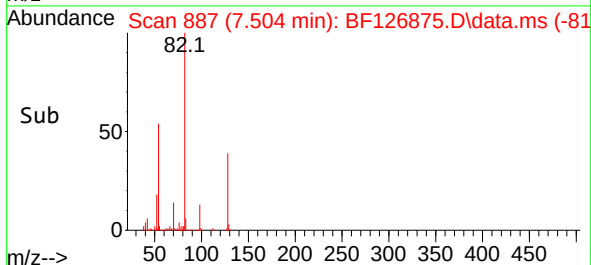
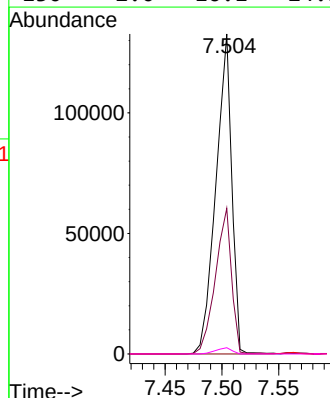
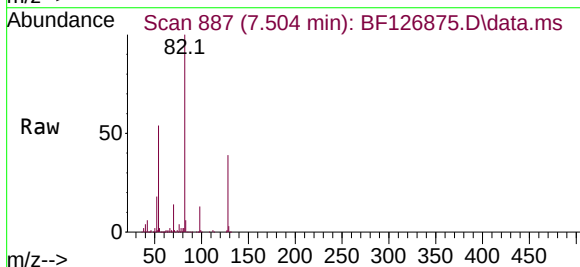
Ion Ratio Lower Upper

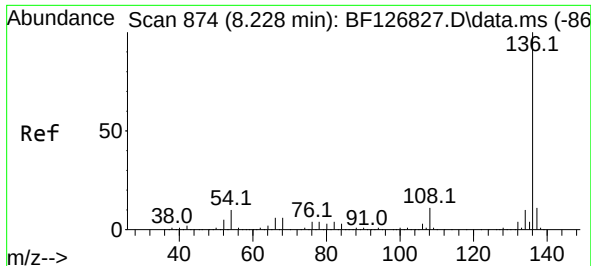
70 100

42 45.5 46.3 69.5#

101 0.0 7.5 11.3#

130 2.0 16.1 24.1#

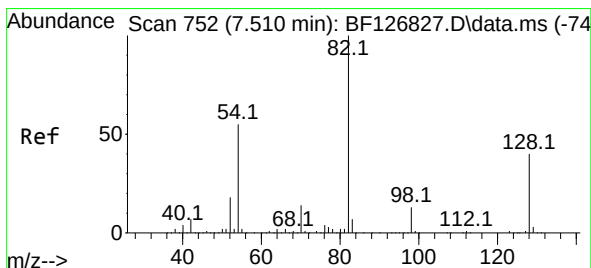
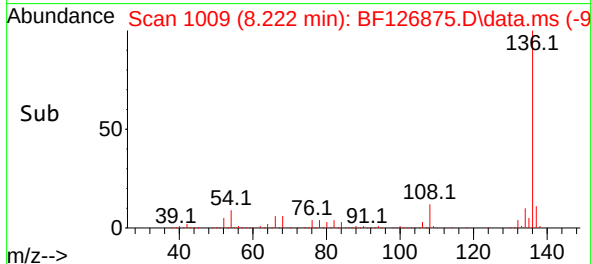
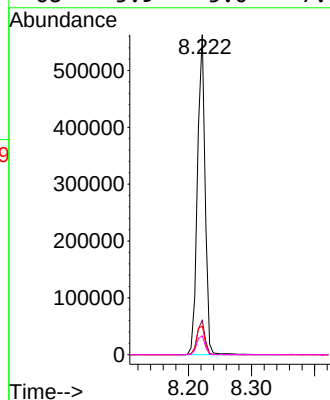
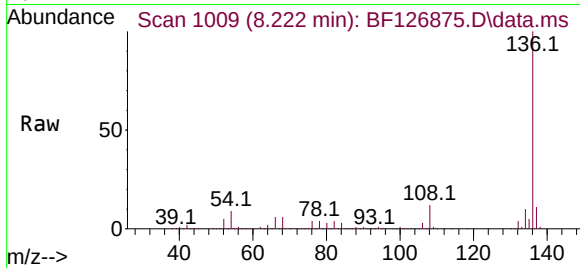




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF126875.D
Acq: 14 Feb 2022 17:12

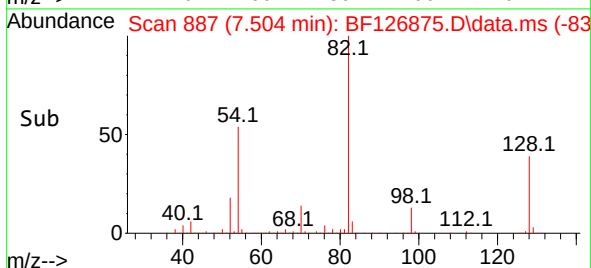
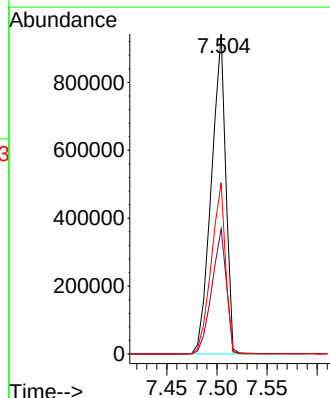
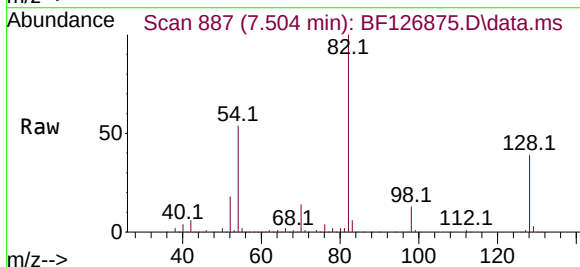
Instrument :
BNA_F
ClientSampleId :
20220097-FIELD-BLANK-2

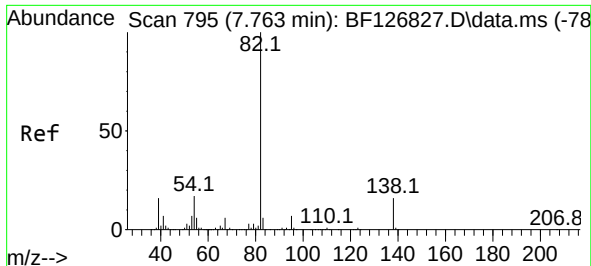
Tgt Ion:136 Resp: 471581
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 9.0 8.0 12.0
68 5.9 5.0 7.6



#23
Nitrobenzene-d5
Concen: 92.581 ng
RT: 7.504 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF126875.D
Acq: 14 Feb 2022 17:12

Tgt Ion: 82 Resp: 946237
Ion Ratio Lower Upper
82 100
128 39.1 31.6 47.4
54 53.5 43.7 65.5

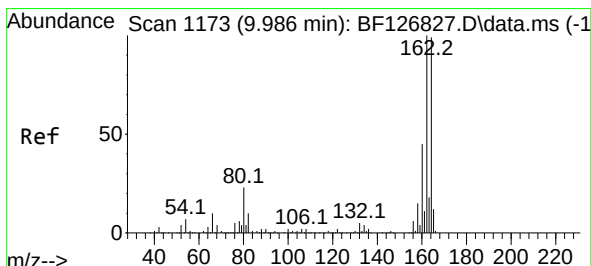
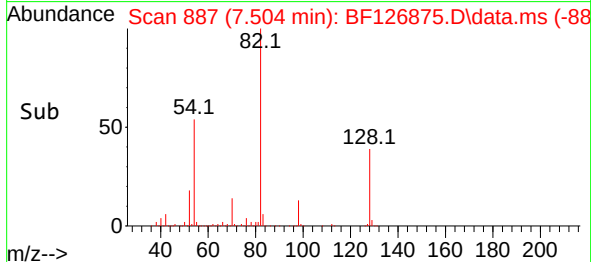
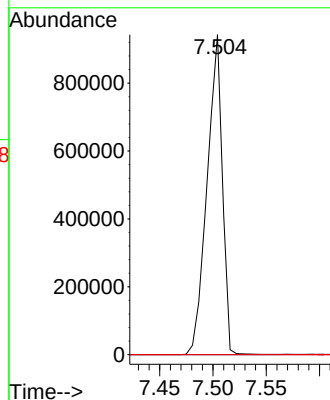
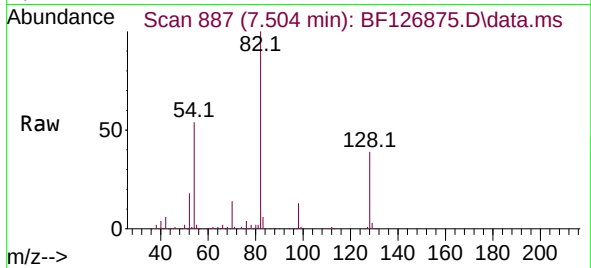




#25
Isophorone
Concen: 55.258 ng
RT: 7.504 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF126875.D
Acq: 14 Feb 2022 17:12

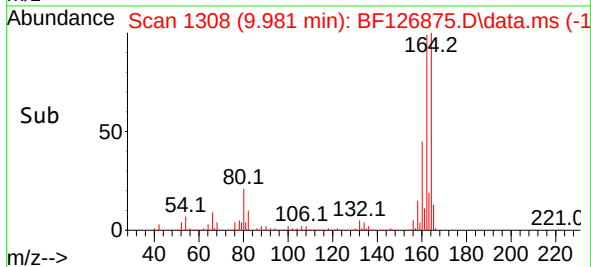
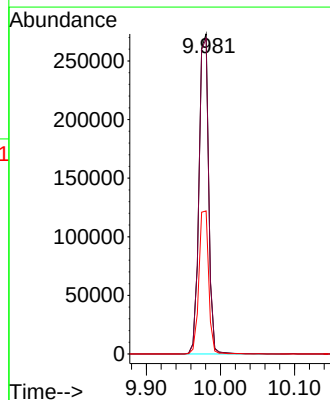
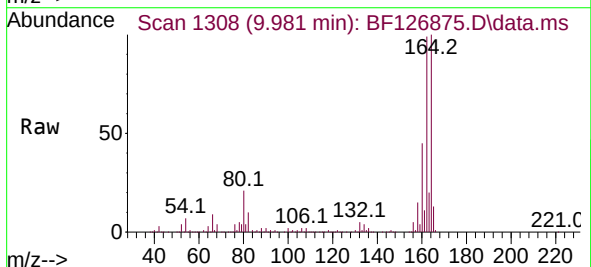
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ClientSampleId :
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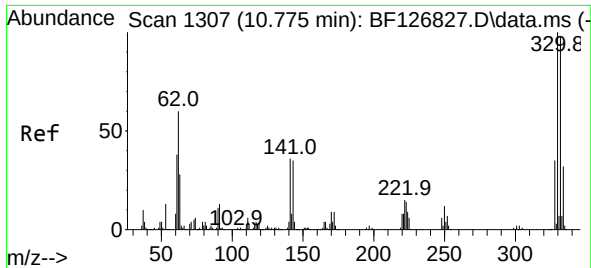
Tgt Ion: 82 Resp: 946227
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 12.6 19.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.981 min Scan# 1308
Delta R.T. -0.005 min
Lab File: BF126875.D
Acq: 14 Feb 2022 17:12

Tgt Ion:164 Resp: 243704
Ion Ratio Lower Upper
164 100
162 98.6 80.9 121.3
160 44.7 36.0 54.0

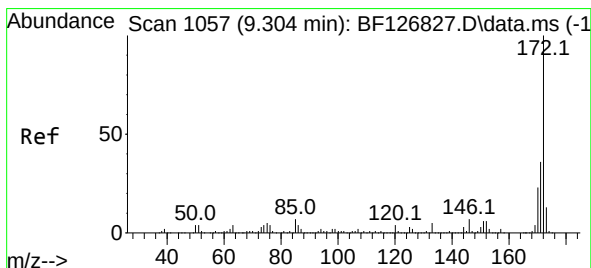
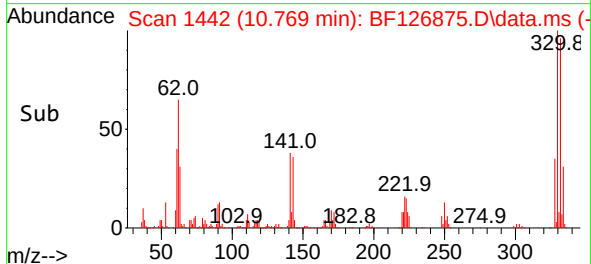
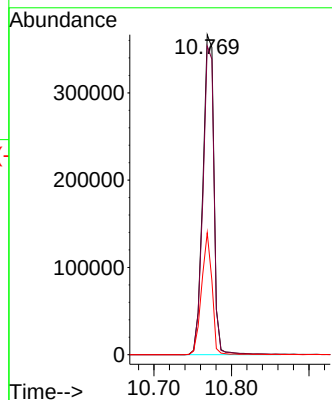
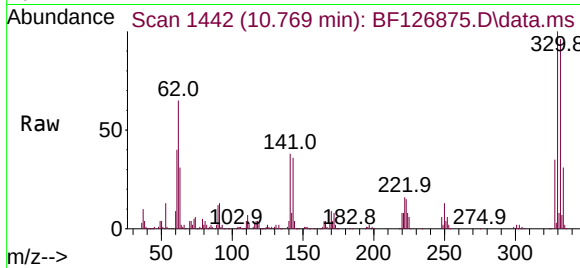




#42
2,4,6-Tribromophenol
Concen: 139.549 ng
RT: 10.769 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF126875.D
Acq: 14 Feb 2022 17:12

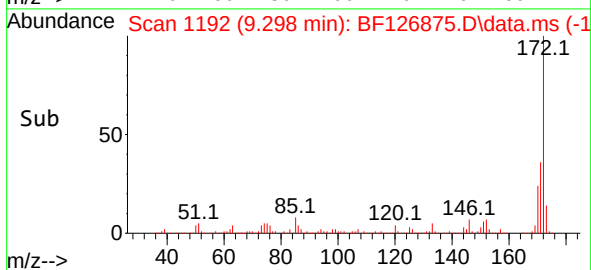
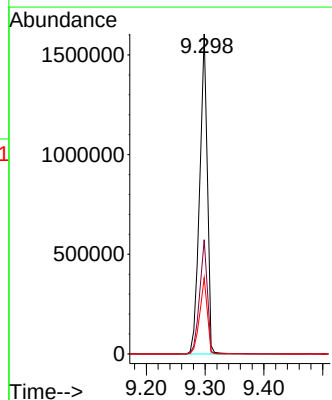
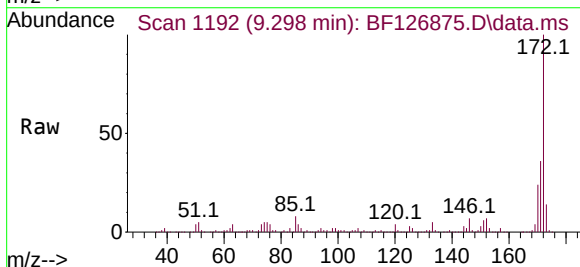
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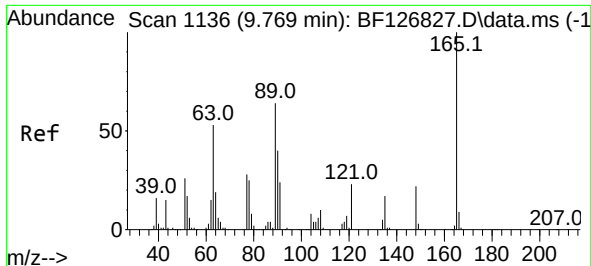
Tgt Ion:330 Resp: 364598
Ion Ratio Lower Upper
330 100
332 96.3 78.2 117.4
141 35.7 31.2 46.8



#45
2-Fluorobiphenyl
Concen: 90.150 ng
RT: 9.298 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF126875.D
Acq: 14 Feb 2022 17:12

Tgt Ion:172 Resp: 1459511
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 23.9 18.7 28.1

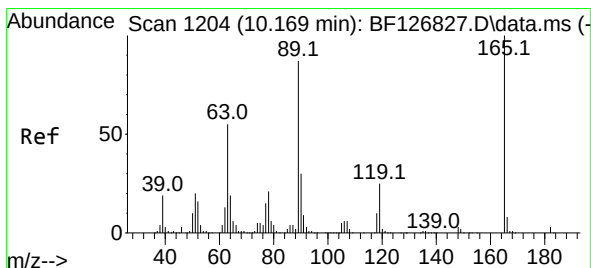
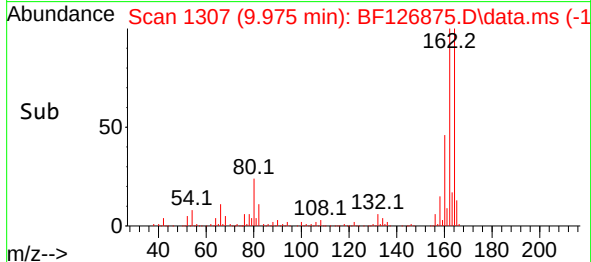
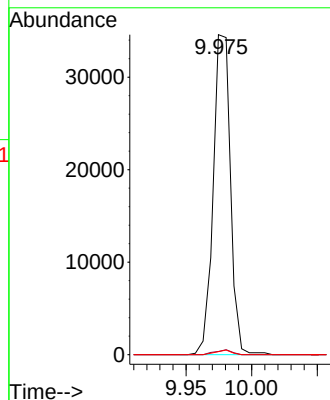
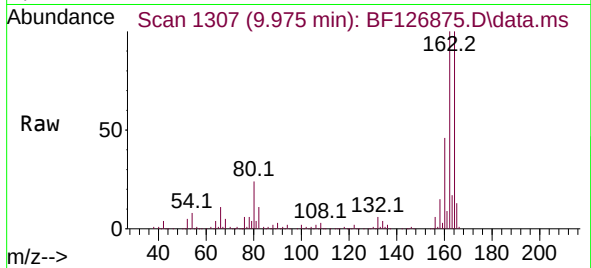




#51
2,6-Dinitrotoluene
Concen: 9.064 ng
RT: 9.975 min Scan# 1136
Delta R.T. 0.206 min
Lab File: BF126875.D
Acq: 14 Feb 2022 17:12

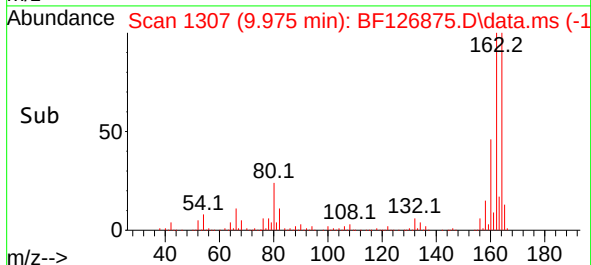
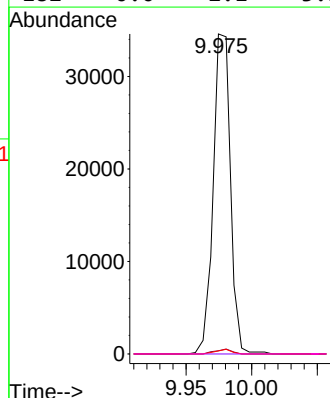
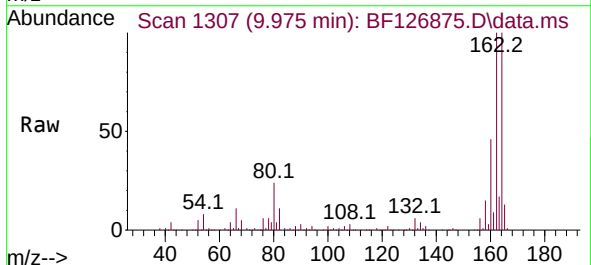
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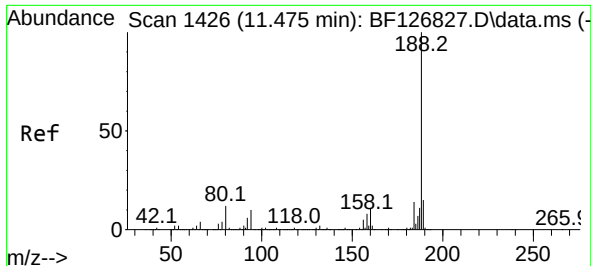
Tgt Ion:165 Resp: 31648
Ion Ratio Lower Upper
165 100
63 1.0 49.9 74.9#
89 1.0 51.0 76.4#



#57
2,4-Dinitrotoluene
Concen: 6.856 ng
RT: 9.975 min Scan# 1307
Delta R.T. -0.194 min
Lab File: BF126875.D
Acq: 14 Feb 2022 17:12

Tgt Ion:165 Resp: 31648
Ion Ratio Lower Upper
165 100
63 1.0 43.9 65.9#
89 1.0 69.8 104.8#
182 0.0 2.1 3.1#

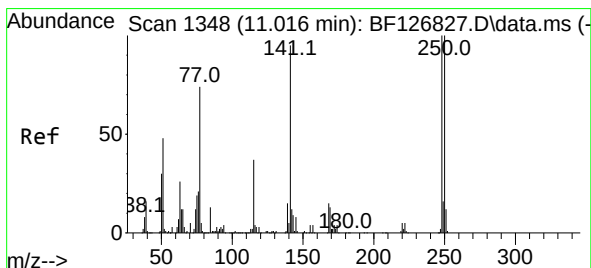
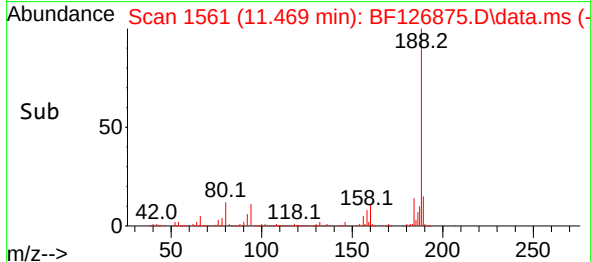
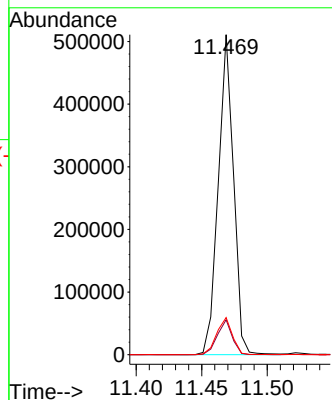
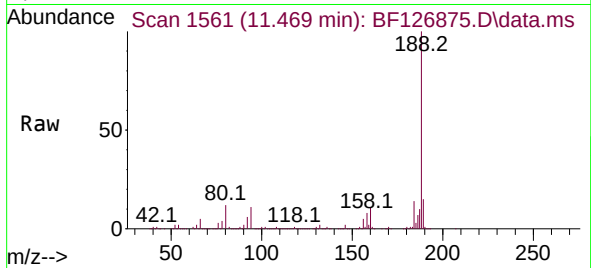




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.469 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126875.D
Acq: 14 Feb 2022 17:12

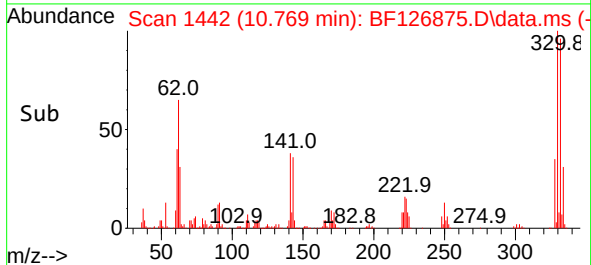
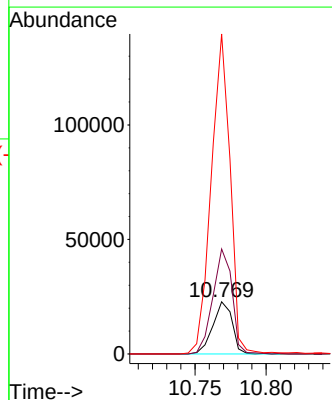
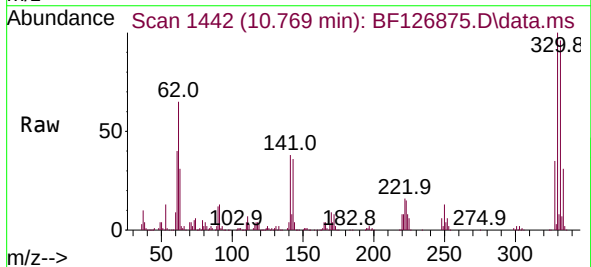
Instrument :
BNA_F
ClientSampleId :
20220097-FIELD-BLANK-2

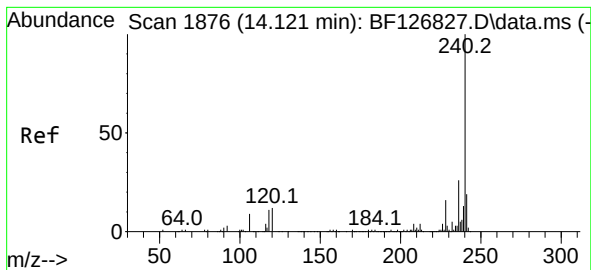
Tgt Ion:188 Resp: 412562
Ion Ratio Lower Upper
188 100
94 10.9 8.1 12.1
80 11.6 9.5 14.3



#67
4-Bromophenyl-phenylether
Concen: 4.819 ng
RT: 10.769 min Scan# 1442
Delta R.T. -0.247 min
Lab File: BF126875.D
Acq: 14 Feb 2022 17:12

Tgt Ion:248 Resp: 21607
Ion Ratio Lower Upper
248 100
250 201.3 80.0 120.0#
141 613.6 75.6 113.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.110 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF126875.D

Acq: 14 Feb 2022 17:12

Instrument :

BNA_F

ClientSampleId :

20220097-FIELD-BLANK-2

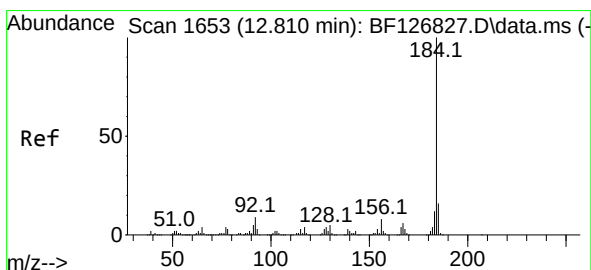
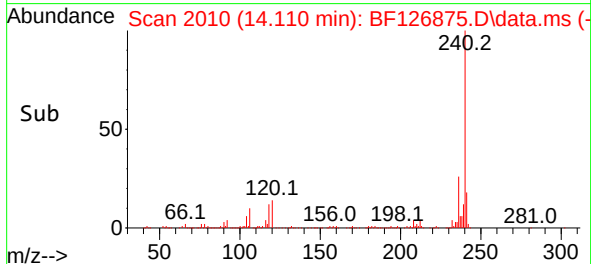
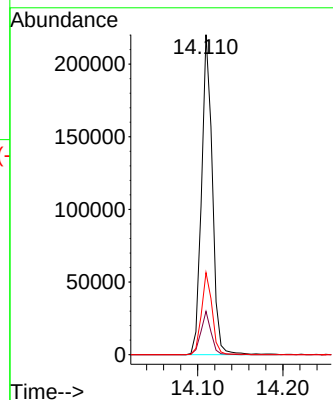
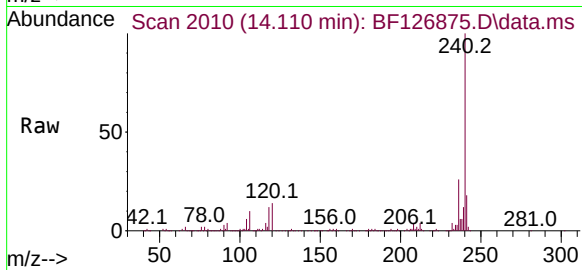
Tgt Ion:240 Resp: 193550

Ion Ratio Lower Upper

240 100

120 13.6 9.8 14.6

236 25.7 20.5 30.7



#77

Benzidine

Concen: 3.830 ng

RT: 13.057 min Scan# 1831

Delta R.T. 0.247 min

Lab File: BF126875.D

Acq: 14 Feb 2022 17:12

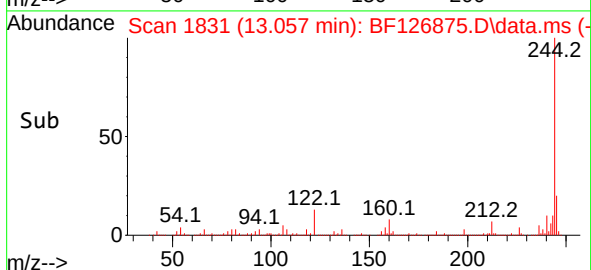
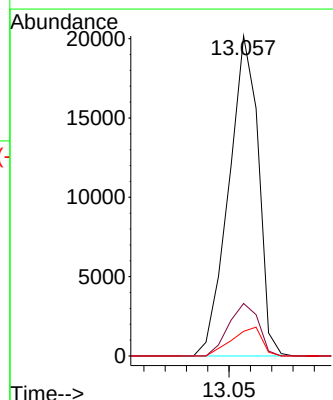
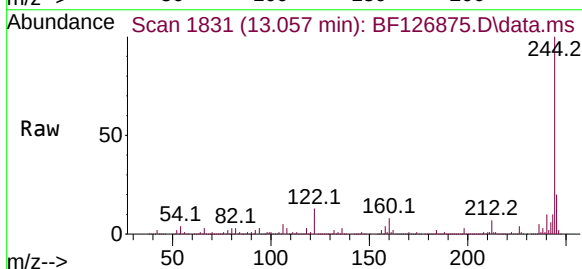
Tgt Ion:184 Resp: 19504

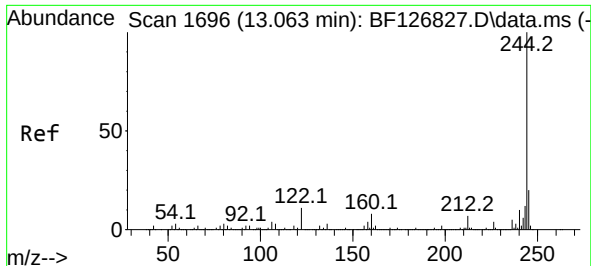
Ion Ratio Lower Upper

184 100

185 16.4 12.5 18.7

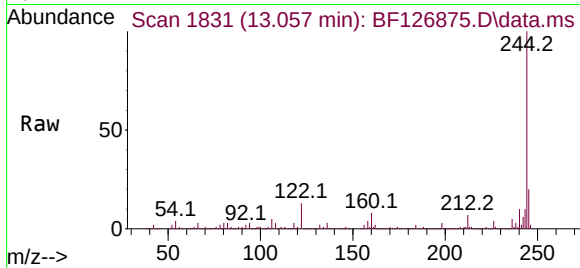
183 7.7 9.6 14.4#



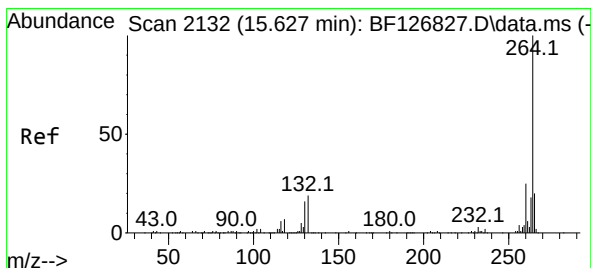
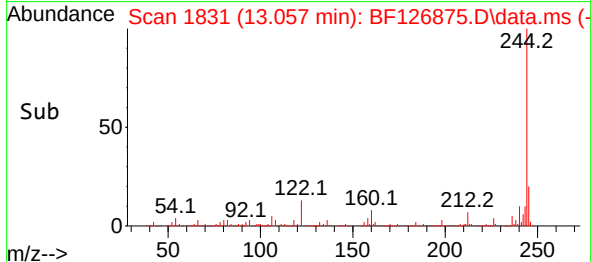
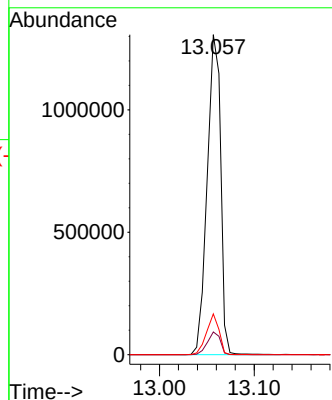


#79
 Terphenyl-d14
 Concen: 95.661 ng
 RT: 13.057 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF126875.D
 Acq: 14 Feb 2022 17:12

Instrument :
 BNA_F
 ClientSampleId :
 20220097-FIELD-BLANK-2



Tgt Ion:244 Resp: 1291542
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 12.7 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: BF126875.D
 Acq: 14 Feb 2022 17:12

Tgt Ion:264 Resp: 203281
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.6 29.4
 265 20.7 15.9 23.9

