

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042522\
 Data File : BF127884.D
 Acq On : 25 Apr 2022 17:01
 Operator : CG\JU
 Sample : N2550-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DYCKMAN-200ST-A51515T50SB

Quant Time: Apr 26 05:39:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 00:43:03 2022
 Response via : Initial Calibration

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

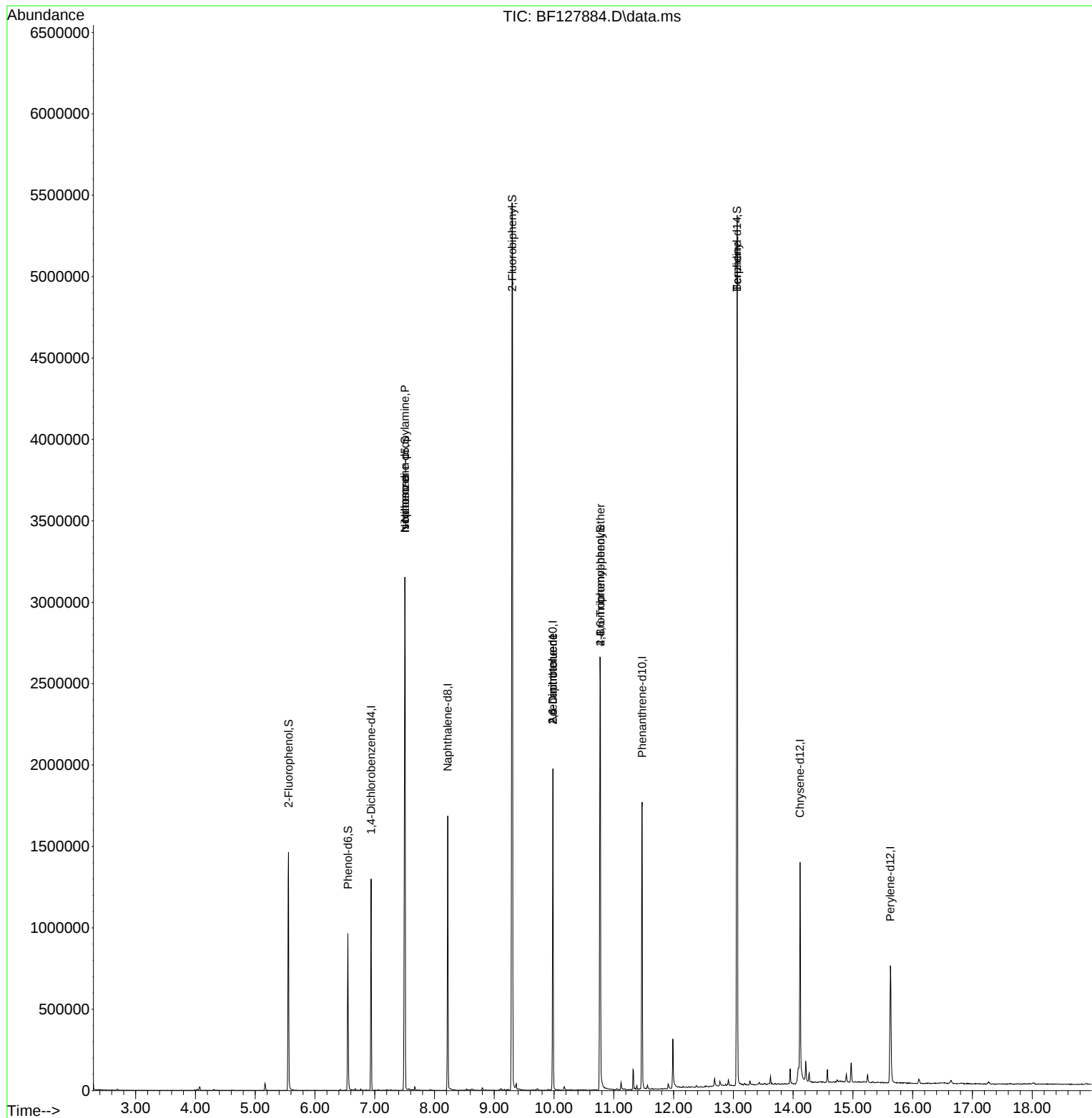
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.940	152	167850	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	659265	20.000	ng	0.00
39) Acenaphthene-d10	9.981	164	382146	20.000	ng	0.00
64) Phenanthrene-d10	11.475	188	693517	20.000	ng	0.00
76) Chrysene-d12	14.116	240	438079	20.000	ng	#-0.01
86) Perylene-d12	15.627	264	352804	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.558	112	380832	36.138	ng	0.00
7) Phenol-d6	6.552	99	282645	20.670	ng	-0.02
23) Nitrobenzene-d5	7.504	82	1242308	88.611	ng	0.00
42) 2,4,6-Tribromophenol	10.775	330	347180	90.248	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1949631	86.309	ng	0.00
79) Terphenyl-d14	13.063	244	2050473	85.588	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.504	70	169157	20.209	ng	# 79
25) Isophorone	7.504	82	1242285	52.648	ng	# 68
51) 2,6-Dinitrotoluene	9.981	165	48944	8.820	ng	# 21
57) 2,4-Dinitrotoluene	9.981	165	48945	6.659	ng	# 25
67) 4-Bromophenyl-phenylether	10.775	248	21678	2.820	ng	# 1
77) Benzydine	13.063	184	29673	3.580	ng	# 88

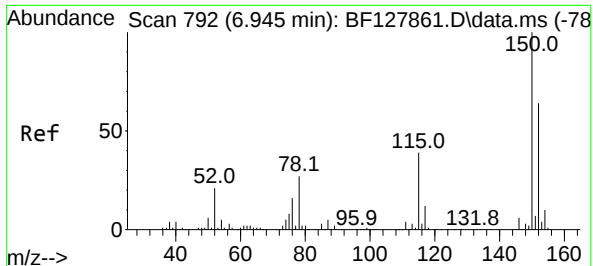
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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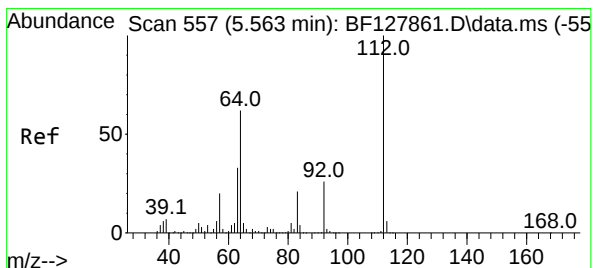
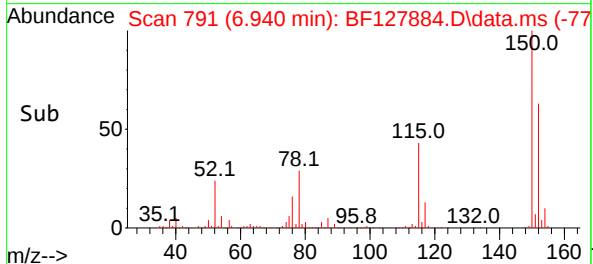
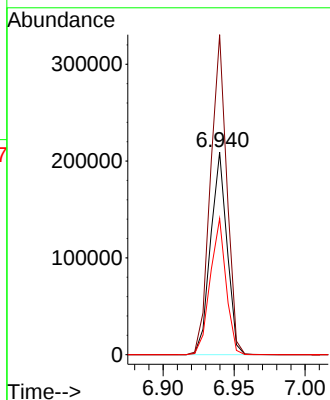
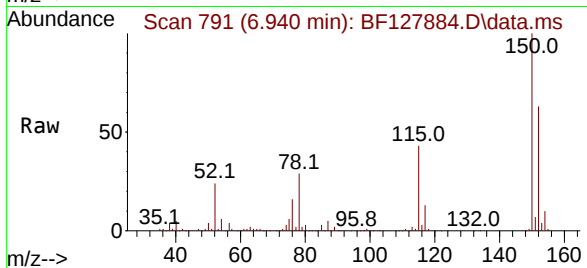




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.940 min Scan# 791
Delta R.T. -0.005 min
Lab File: BF127884.D
Acq: 25 Apr 2022 17:01

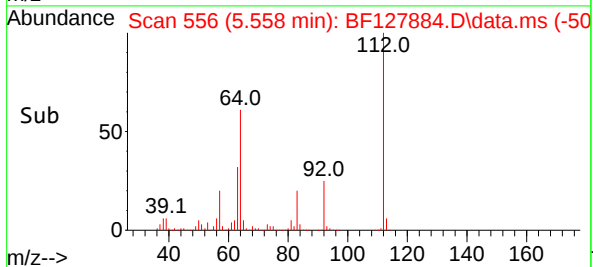
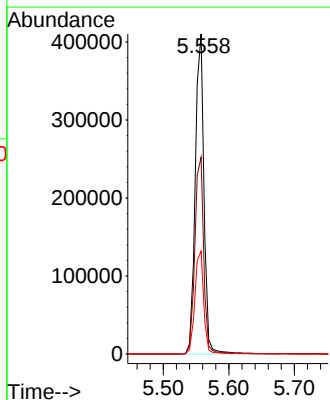
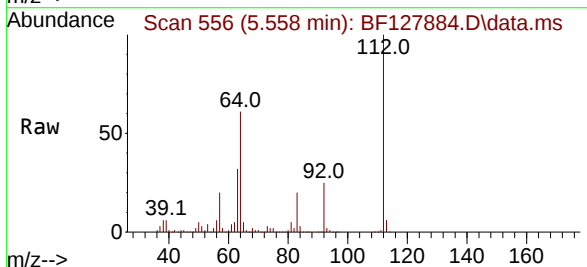
Instrument :
BNA_F
ClientSampleId :
DYCKMAN-200ST-A51515T50SB

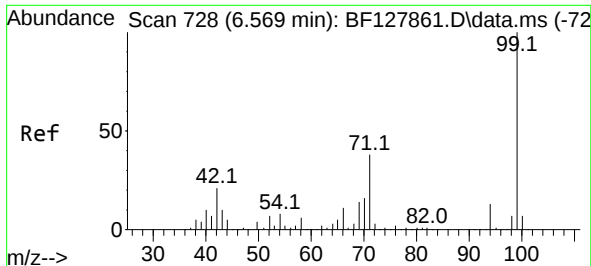
Tgt Ion:152 Resp: 167850
Ion Ratio Lower Upper
152 100
150 157.9 125.3 187.9
115 67.2 48.8 73.2



#5
2-Fluorophenol
Concen: 36.138 ng
RT: 5.558 min Scan# 556
Delta R.T. -0.006 min
Lab File: BF127884.D
Acq: 25 Apr 2022 17:01

Tgt Ion:112 Resp: 380832
Ion Ratio Lower Upper
112 100
64 61.5 49.5 74.3
63 32.1 26.3 39.5

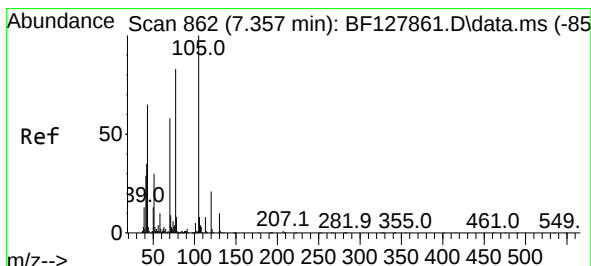
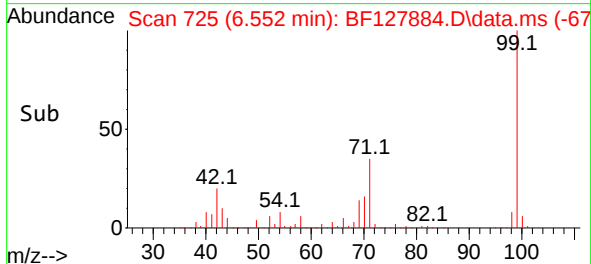
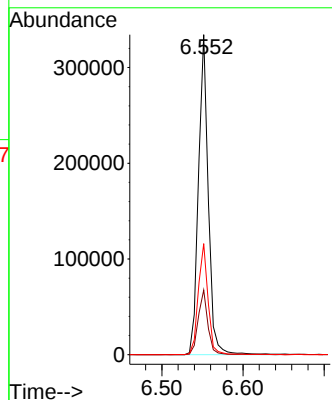
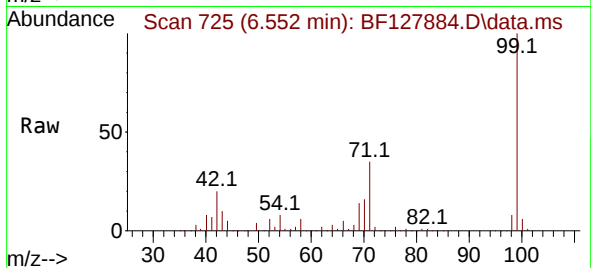




#7
Phenol-d6
Concen: 20.670 ng
RT: 6.552 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF127884.D
Acq: 25 Apr 2022 17:01

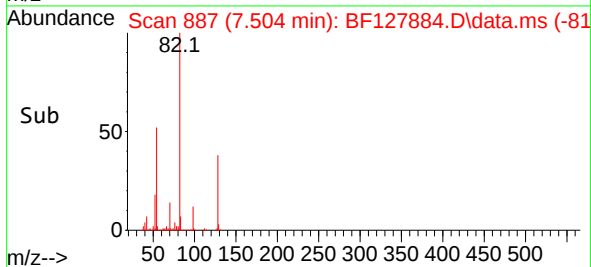
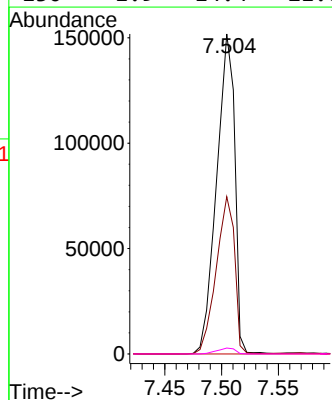
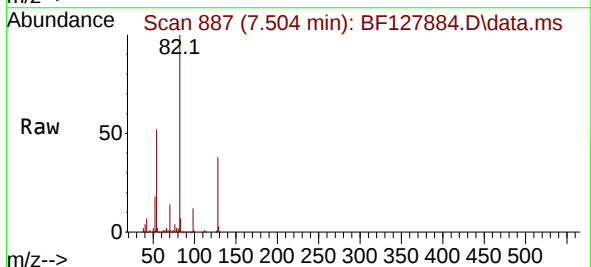
Instrument :
BNA_F
ClientSampleId :
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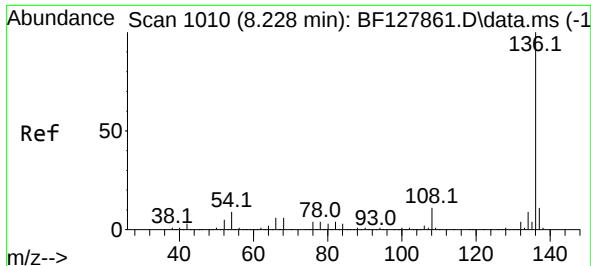
Tgt Ion: 99 Resp: 282645
Ion Ratio Lower Upper
99 100
42 20.2 16.6 24.8
71 34.7 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.209 ng
RT: 7.504 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF127884.D
Acq: 25 Apr 2022 17:01

Tgt Ion: 70 Resp: 169157
Ion Ratio Lower Upper
70 100
42 49.1 48.7 73.1
101 0.0 7.2 10.8#
130 1.9 14.4 21.6#

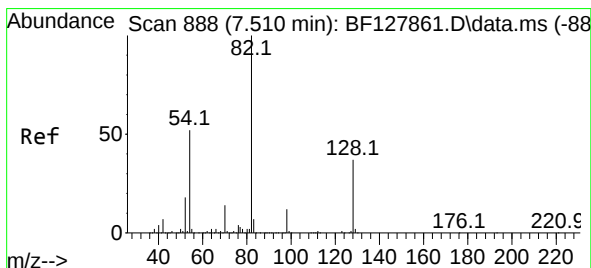
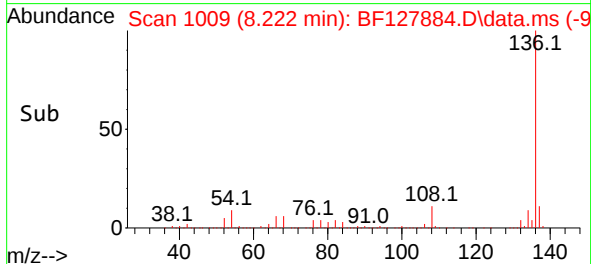
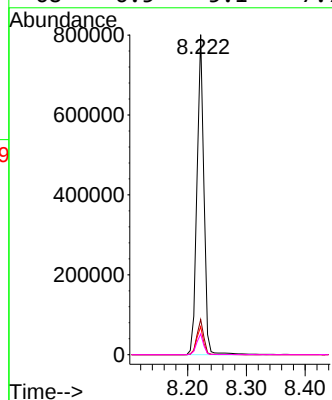
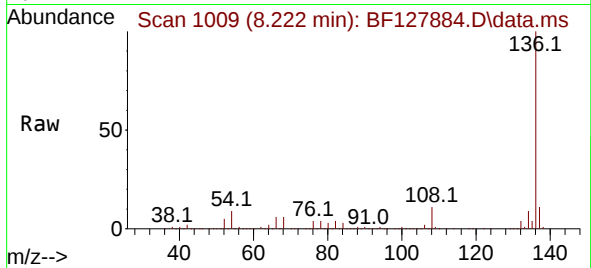




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF127884.D
Acq: 25 Apr 2022 17:01

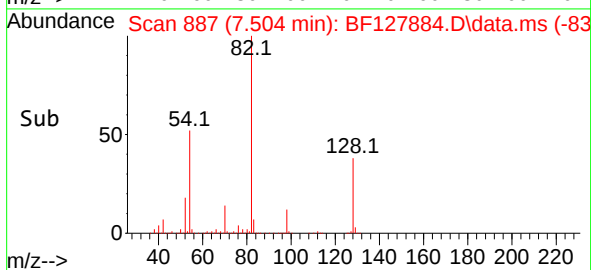
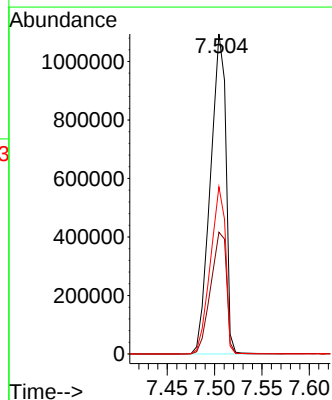
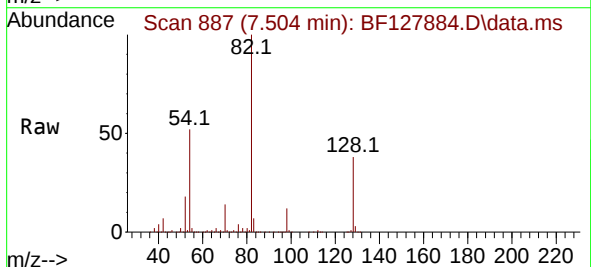
Instrument :
BNA_F
ClientSampleId :
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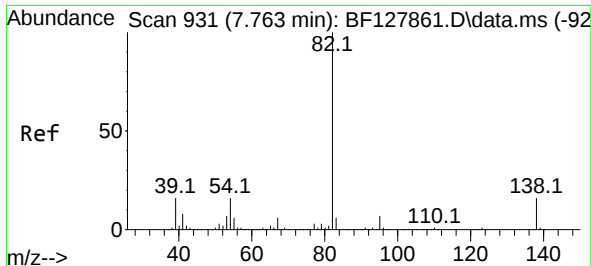
Tgt Ion:136	Resp: 659265
Ion Ratio	Lower Upper
136 100	
137 11.0	8.6 13.0
54 8.7	6.8 10.2
68 6.5	5.1 7.7



#23
Nitrobenzene-d5
Concen: 88.611 ng
RT: 7.504 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF127884.D
Acq: 25 Apr 2022 17:01

Tgt Ion: 82		Resp: 1242308	
Ion	Ratio	Lower	Upper
82	100		
128	38.1	30.0	45.0
54	52.2	41.3	61.9

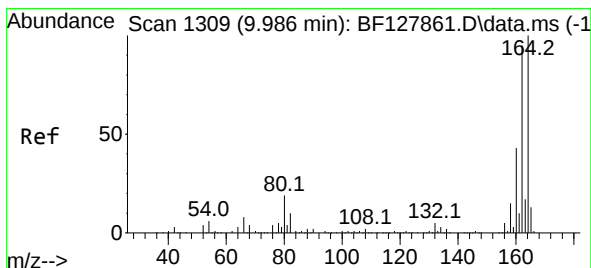
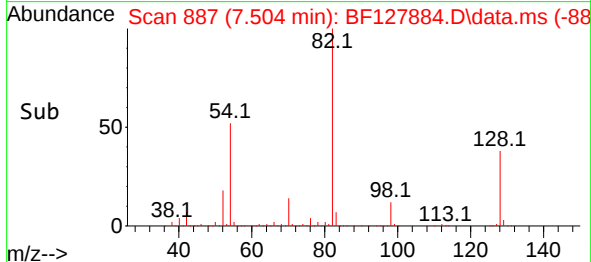
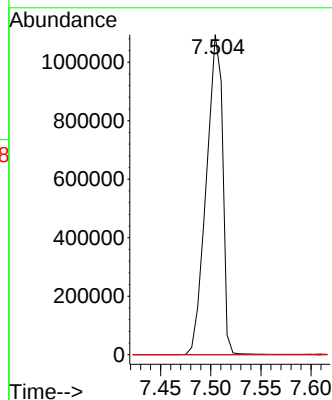
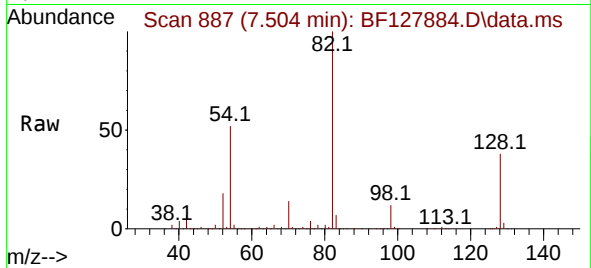




#25
Isophorone
Concen: 52.648 ng
RT: 7.504 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127884.D
Acq: 25 Apr 2022 17:01

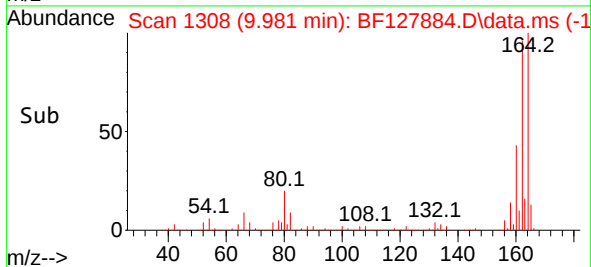
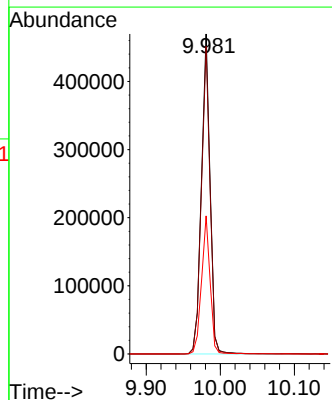
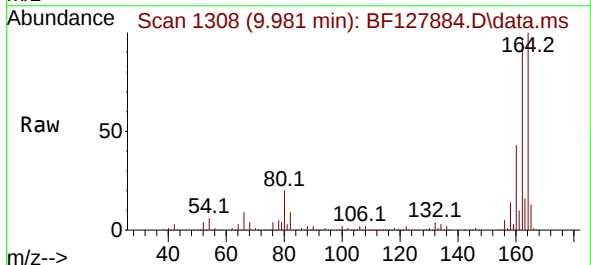
Instrument :
BNA_F
ClientSampleId :
DYCKMAN-200ST-A51515T50SB

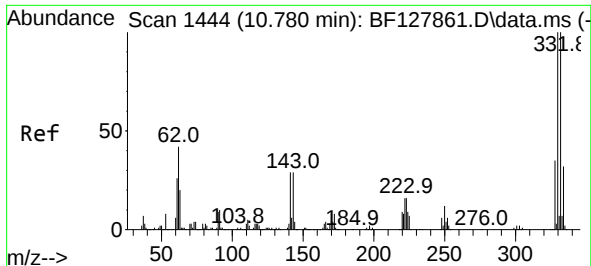
Tgt Ion: 82 Resp: 1242285
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.981 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF127884.D
Acq: 25 Apr 2022 17:01

Tgt Ion: 164 Resp: 382146
Ion Ratio Lower Upper
164 100
162 96.2 76.0 114.0
160 43.2 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 90.248 ng

RT: 10.775 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF127884.D

Acq: 25 Apr 2022 17:01

Instrument :

BNA_F

ClientSampleId :

DYCKMAN-200ST-A51515T50SB

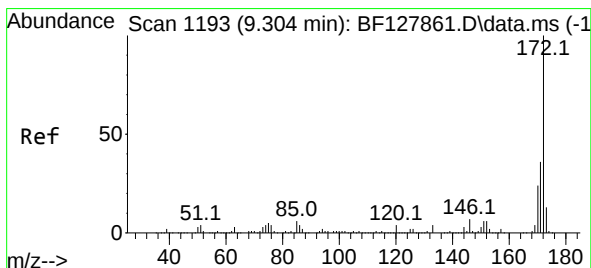
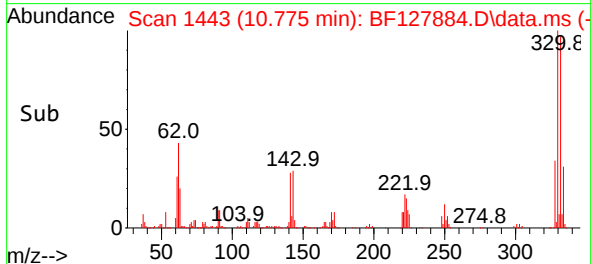
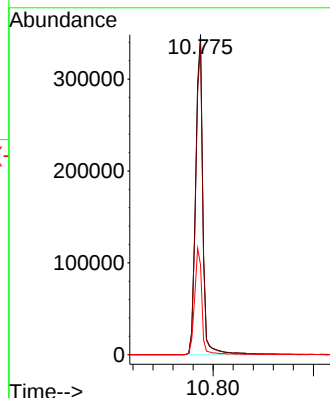
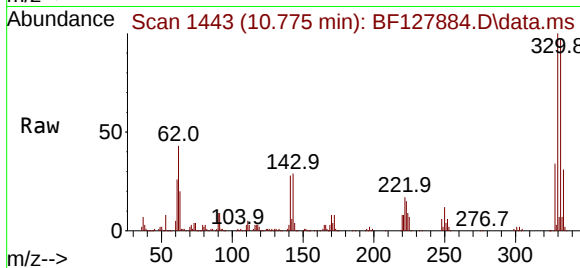
Tgt Ion:330 Resp: 347180

Ion Ratio Lower Upper

330 100

332 96.5 79.0 118.4

141 33.4 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 86.309 ng

RT: 9.298 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF127884.D

Acq: 25 Apr 2022 17:01

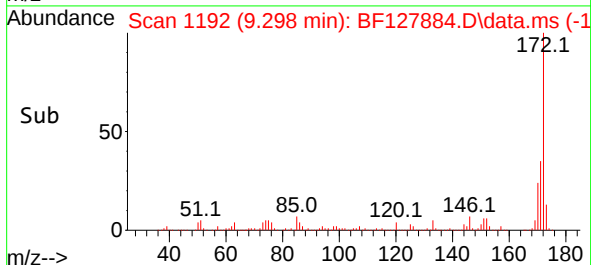
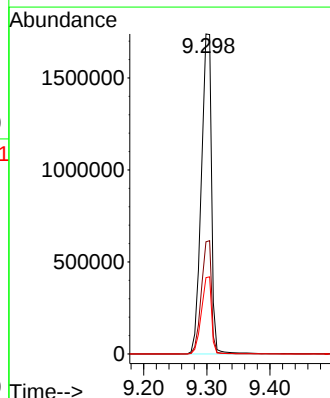
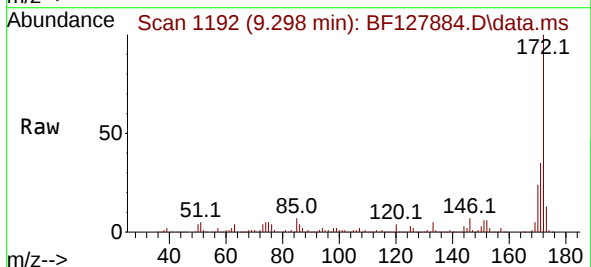
Tgt Ion:172 Resp: 1949631

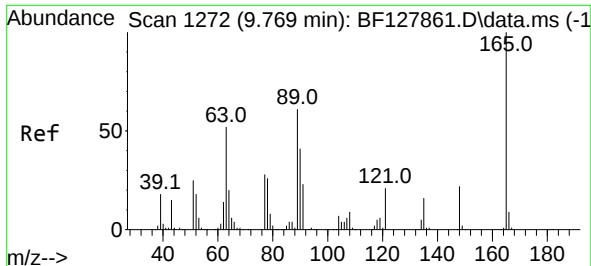
Ion Ratio Lower Upper

172 100

171 35.1 28.6 42.8

170 23.8 19.1 28.7

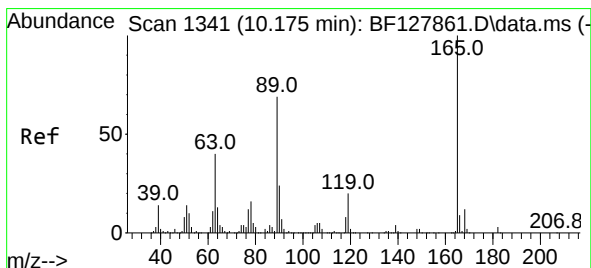
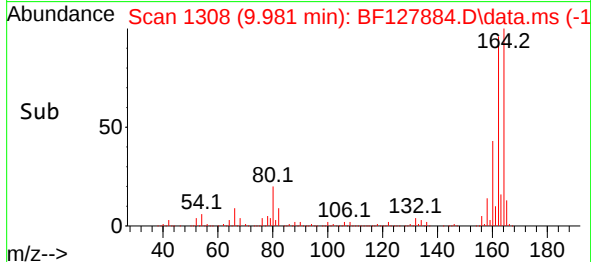
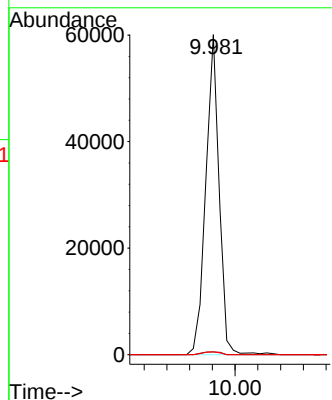
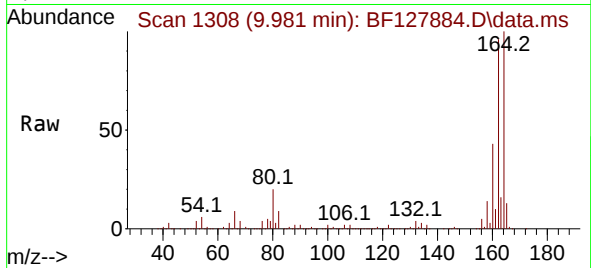




#51
2,6-Dinitrotoluene
Concen: 8.820 ng
RT: 9.981 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF127884.D
Acq: 25 Apr 2022 17:01

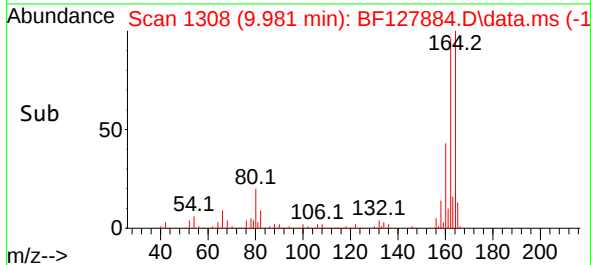
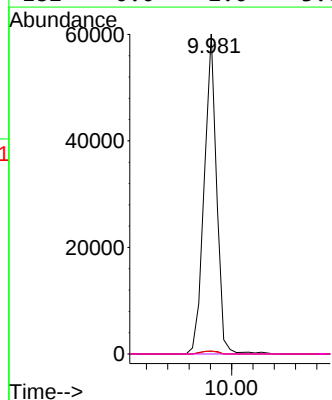
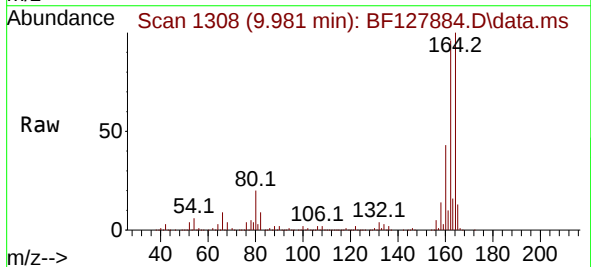
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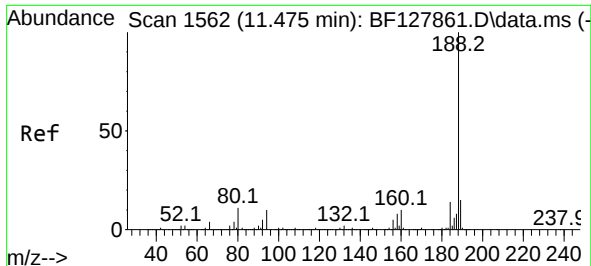
Tgt Ion:165 Resp: 48944
Ion Ratio Lower Upper
165 100
63 0.9 49.5 74.3#
89 0.9 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.659 ng
RT: 9.981 min Scan# 1308
Delta R.T. -0.194 min
Lab File: BF127884.D
Acq: 25 Apr 2022 17:01

Tgt Ion:165 Resp: 48945
Ion Ratio Lower Upper
165 100
63 0.9 32.6 49.0#
89 0.9 55.2 82.8#
182 0.0 2.0 3.0#

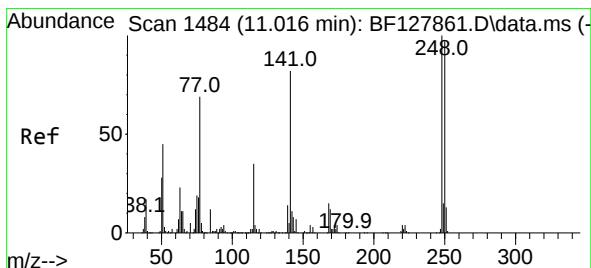
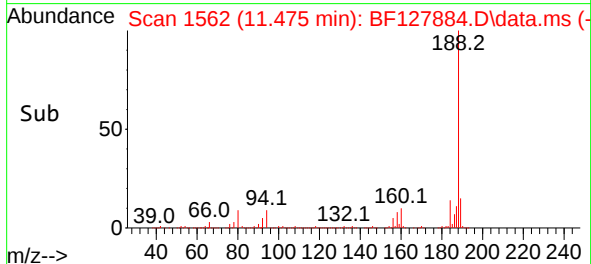
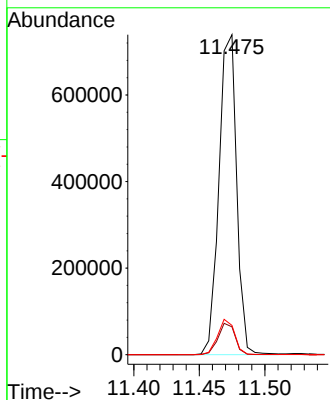
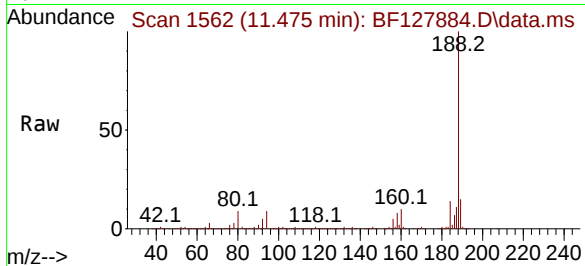




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.475 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127884.D
Acq: 25 Apr 2022 17:01

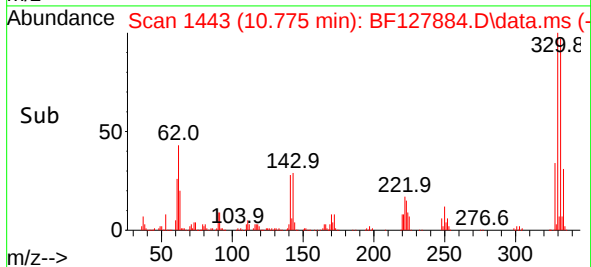
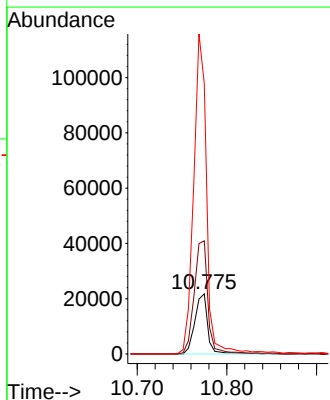
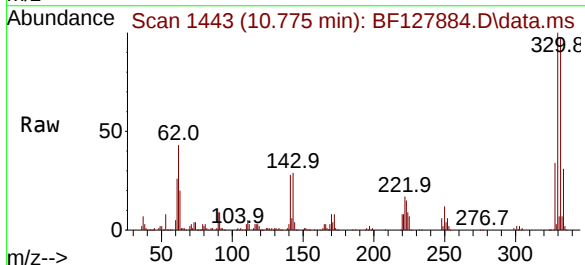
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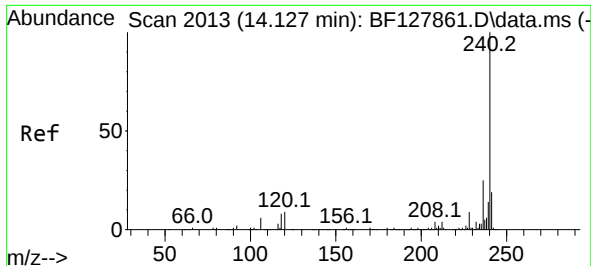
Tgt Ion:188 Resp: 693517
Ion Ratio Lower Upper
188 100
94 8.7 8.0 12.0
80 9.2 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 2.820 ng
RT: 10.775 min Scan# 1443
Delta R.T. -0.241 min
Lab File: BF127884.D
Acq: 25 Apr 2022 17:01

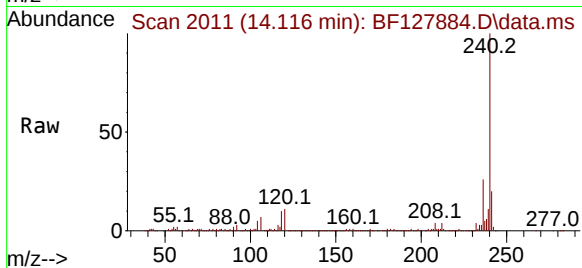
Tgt Ion:248 Resp: 21678
Ion Ratio Lower Upper
248 100
250 188.1 77.7 116.5#
141 449.6 65.6 98.4#



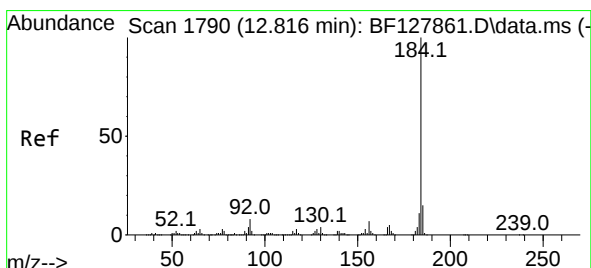
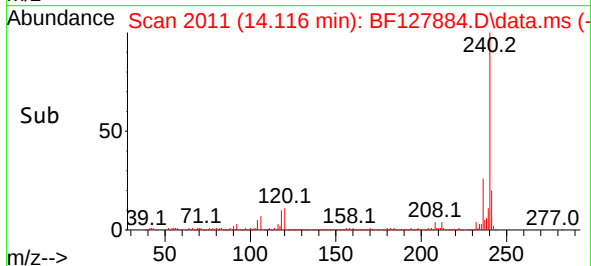
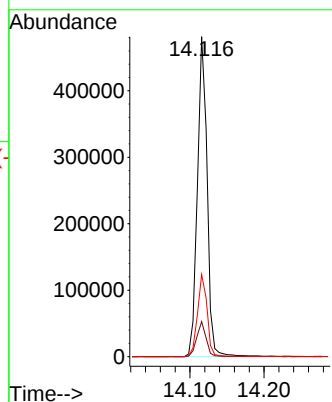


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.116 min Scan# 20
Delta R.T. -0.011 min
Lab File: BF127884.D
Acq: 25 Apr 2022 17:01

Instrument :
BNA_F
ClientSampleId :
DYCKMAN-200ST-A51515T50SB

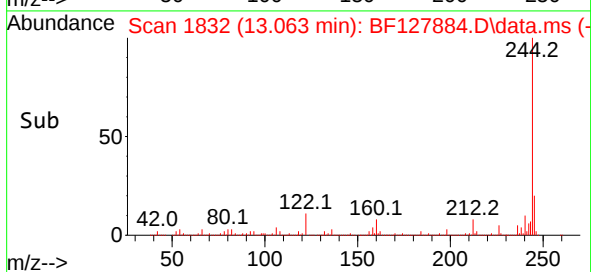
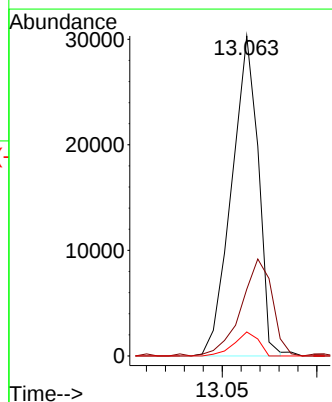
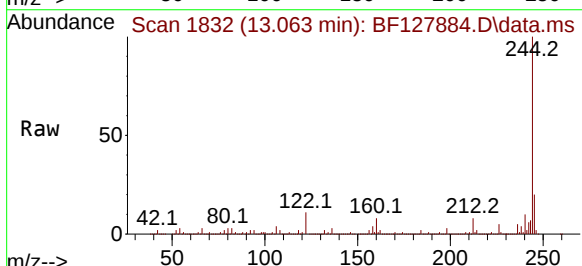


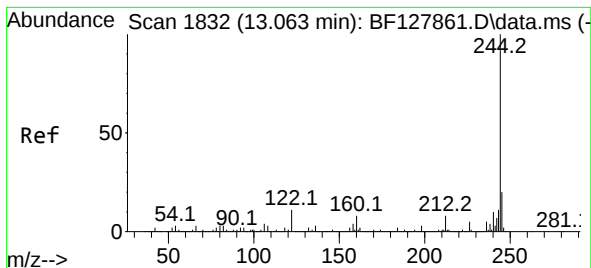
Tgt Ion:240 Resp: 438079
Ion Ratio Lower Upper
240 100
120 10.9 7.0 10.6#
236 25.7 20.3 30.5



#77
Benzidine
Concen: 3.580 ng
RT: 13.063 min Scan# 1832
Delta R.T. 0.247 min
Lab File: BF127884.D
Acq: 25 Apr 2022 17:01

Tgt Ion:184 Resp: 29673
Ion Ratio Lower Upper
184 100
185 20.9 12.1 18.1#
183 7.5 9.0 13.4#





#79

Terphenyl-d14

Concen: 85.588 ng

RT: 13.063 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF127884.D

Acq: 25 Apr 2022 17:01

Instrument :

BNA_F

ClientSampleId :

DYCKMAN-200ST-A51515T50SB

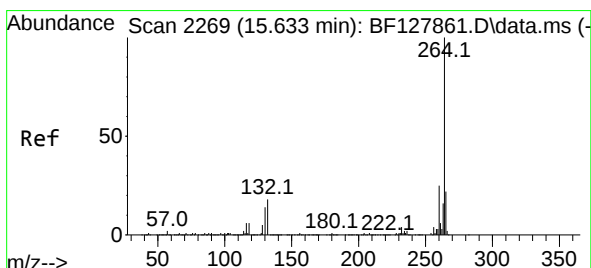
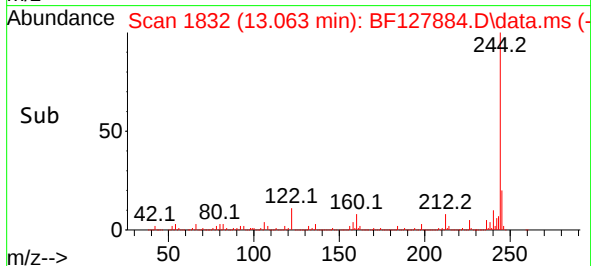
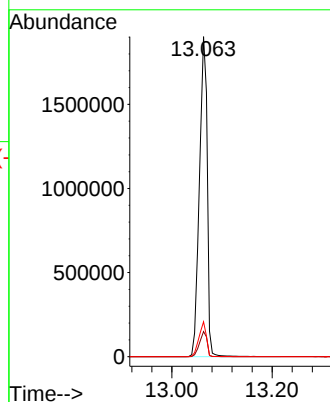
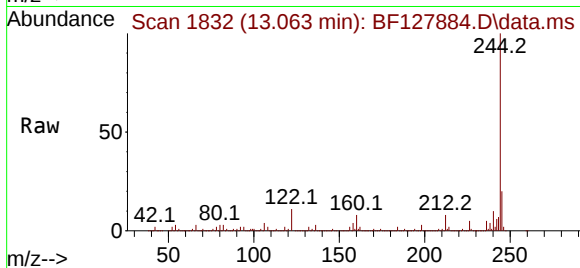
Tgt Ion:244 Resp: 2050473

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.4

122 10.9 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.627 min Scan# 2268

Delta R.T. -0.006 min

Lab File: BF127884.D

Acq: 25 Apr 2022 17:01

Tgt Ion:264 Resp: 352804

Ion Ratio Lower Upper

264 100

260 23.3 20.1 30.1

265 22.0 17.5 26.3

