

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042522\
 Data File : BF127877.D
 Acq On : 25 Apr 2022 13:36
 Operator : CG\JU
 Sample : N2548-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9

Quant Time: Apr 25 16:56:16 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)

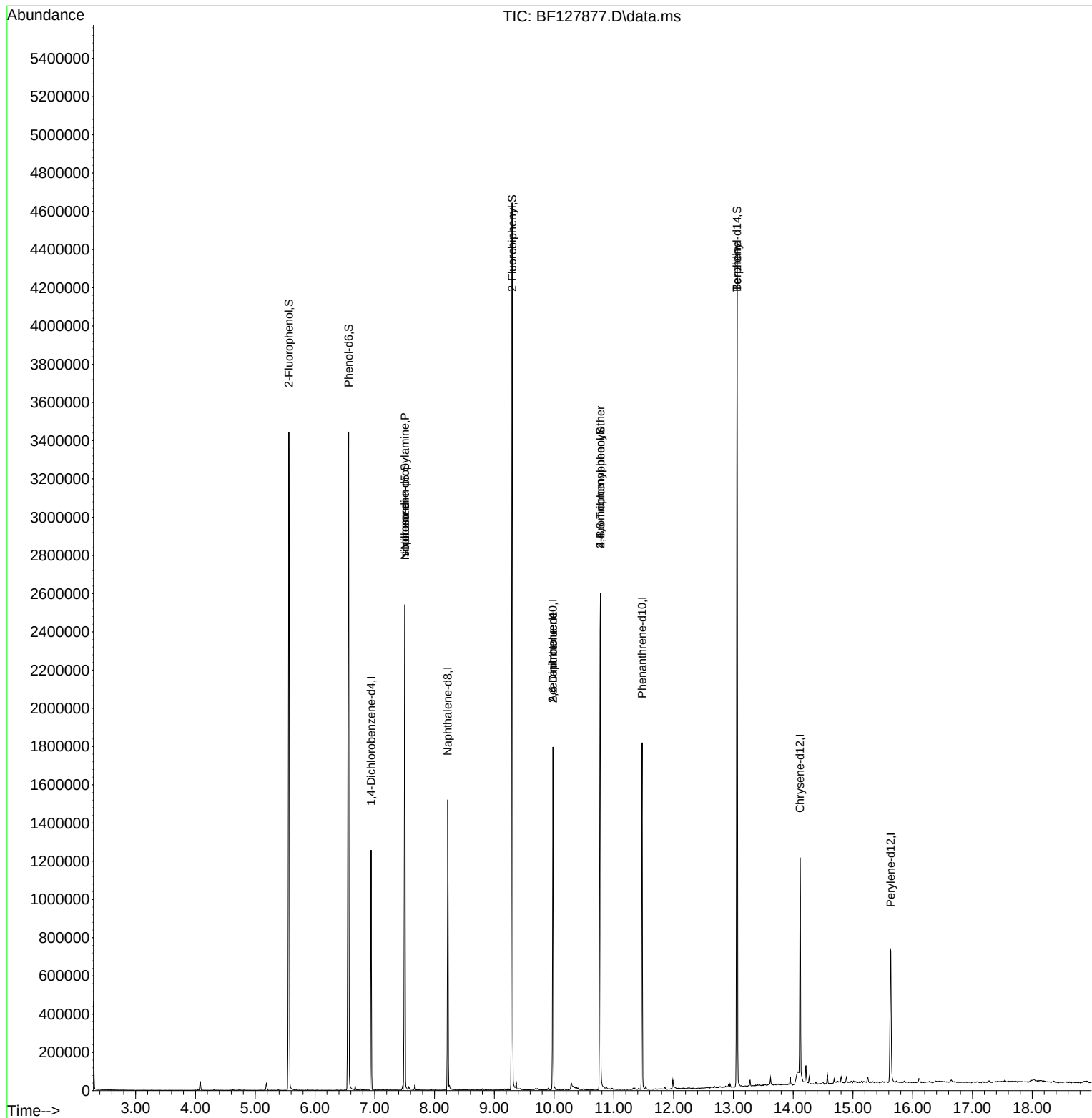
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	160436	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	616644	20.000	ng	0.00
39) Acenaphthene-d10	9.980	164	357152	20.000	ng	0.00
64) Phenanthrene-d10	11.474	188	644457	20.000	ng	0.00
76) Chrysene-d12	14.115	240	407249	20.000	ng	#-0.01
86) Perylene-d12	15.633	264	344916	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	951317	94.445	ng	0.00
7) Phenol-d6	6.563	99	1217618	93.161	ng	0.00
23) Nitrobenzene-d5	7.504	82	861070	65.664	ng	0.00
42) 2,4,6-Tribromophenol	10.774	330	327155	90.994	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1432360	67.847	ng	0.00
79) Terphenyl-d14	13.063	244	1560331	70.059	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.504	70	114706	14.337	ng	# 80
25) Isophorone	7.504	82	861049	39.013	ng	# 68
51) 2,6-Dinitrotoluene	9.980	165	45570	8.787	ng	# 21
57) 2,4-Dinitrotoluene	9.980	165	45570	6.634	ng	# 25
67) 4-Bromophenyl-phenylether	10.774	248	21146	2.960	ng	# 1
77) Benzidine	13.063	184	21780	2.826	ng	# 93

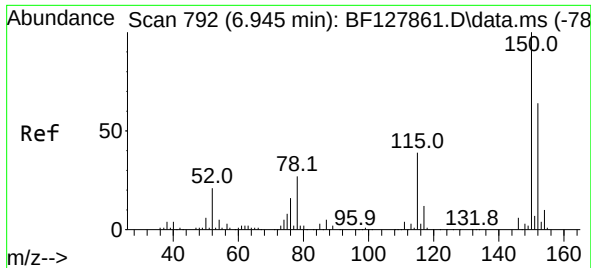
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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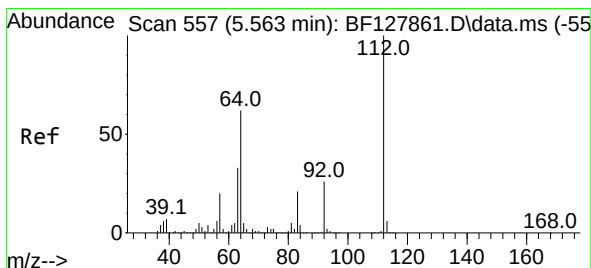
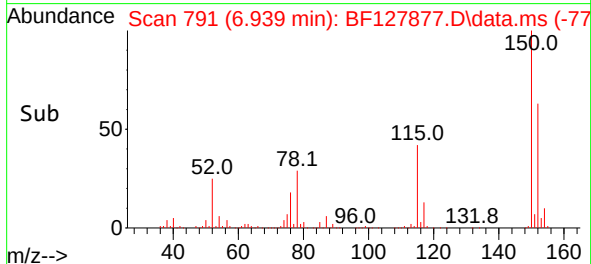
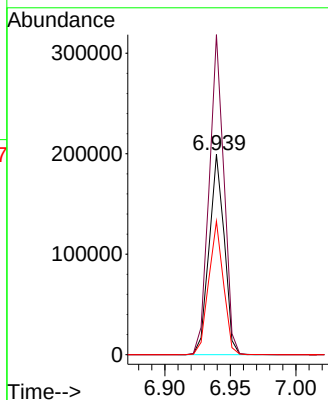
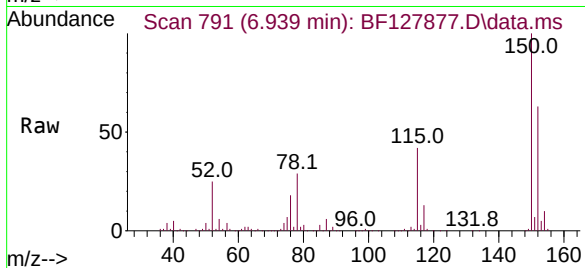




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.939 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: BF127877.D
 Acq: 25 Apr 2022 13:36

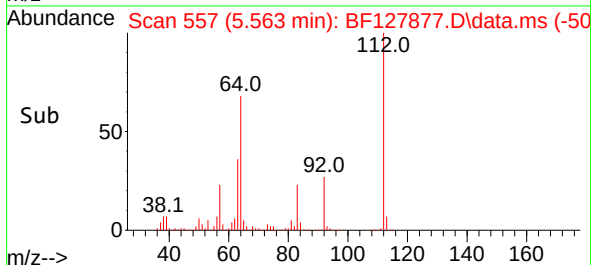
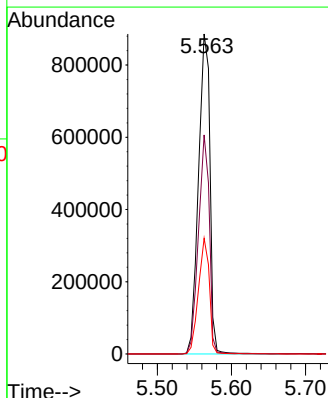
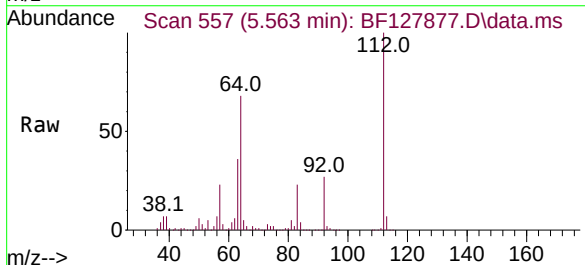
Instrument :
 BNA_F
 ClientSampleId :
 TP-9

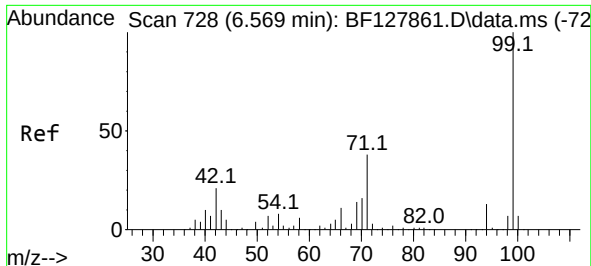
Tgt Ion:152 Resp: 160436
 Ion Ratio Lower Upper
 152 100
 150 159.8 125.3 187.9
 115 66.6 48.8 73.2



#5
 2-Fluorophenol
 Concen: 94.445 ng
 RT: 5.563 min Scan# 557
 Delta R.T. -0.000 min
 Lab File: BF127877.D
 Acq: 25 Apr 2022 13:36

Tgt Ion:112 Resp: 951317
 Ion Ratio Lower Upper
 112 100
 64 68.5 49.5 74.3
 63 36.1 26.3 39.5

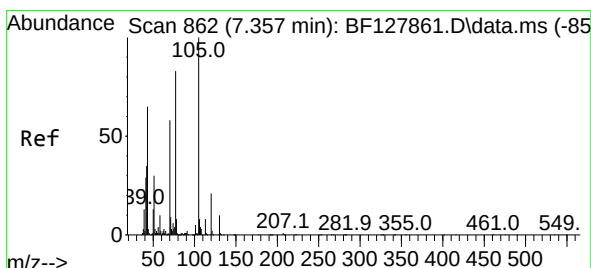
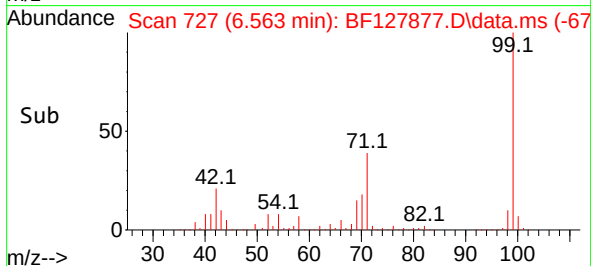
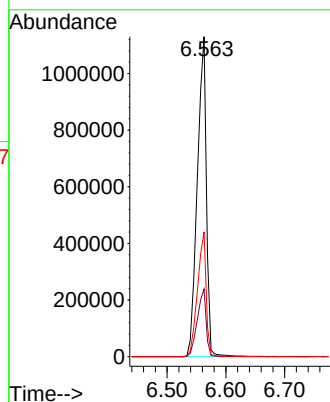
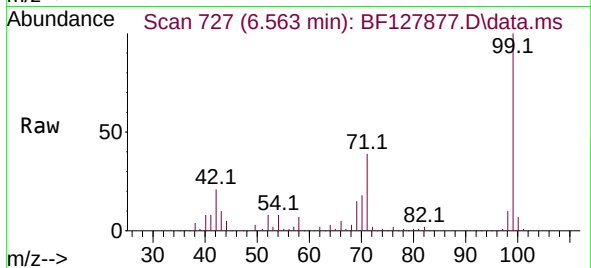




#7
Phenol-d6
Concen: 93.161 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127877.D
Acq: 25 Apr 2022 13:36

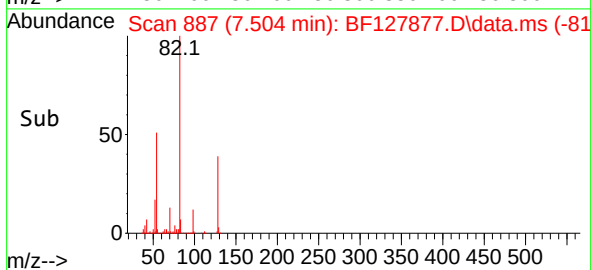
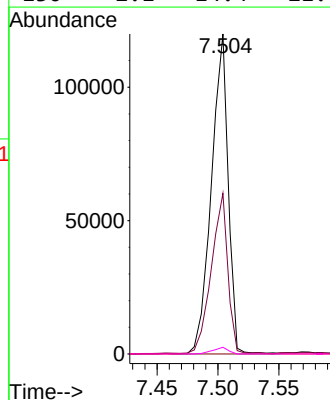
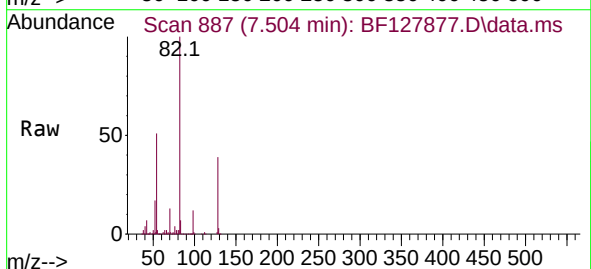
Instrument :
BNA_F
ClientSampleId :
TP-9

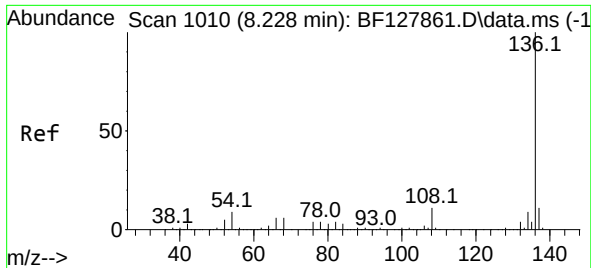
Tgt Ion: 99 Resp: 1217618
Ion Ratio Lower Upper
99 100
42 21.1 16.6 24.8
71 39.0 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 14.337 ng
RT: 7.504 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF127877.D
Acq: 25 Apr 2022 13:36

Tgt Ion: 70 Resp: 114706
Ion Ratio Lower Upper
70 100
42 50.2 48.7 73.1
101 0.0 7.2 10.8#
130 2.1 14.4 21.6#

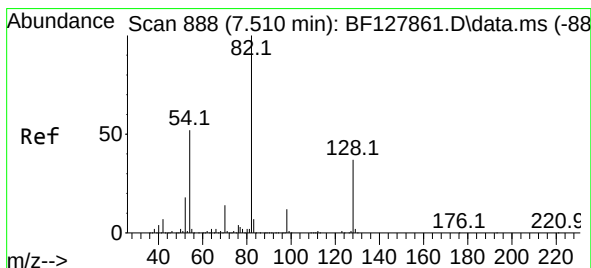
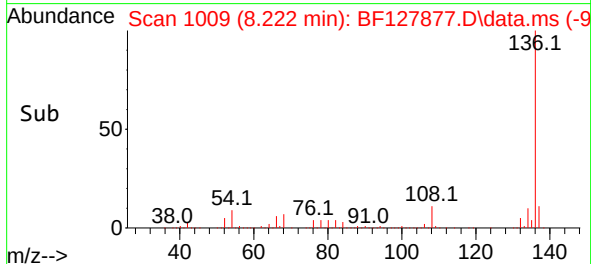
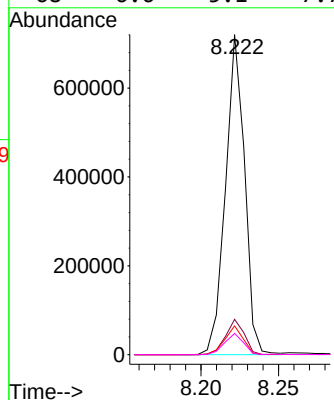
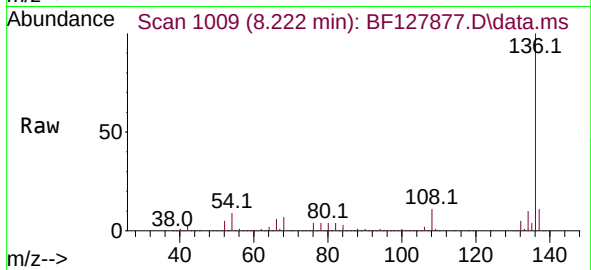




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF127877.D
Acq: 25 Apr 2022 13:36

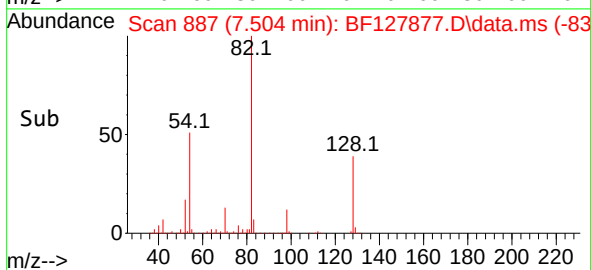
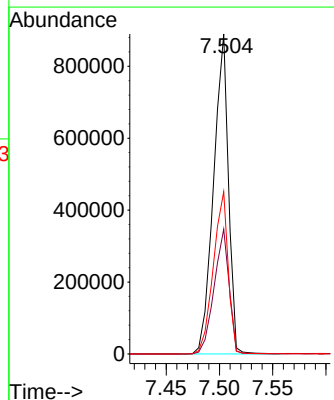
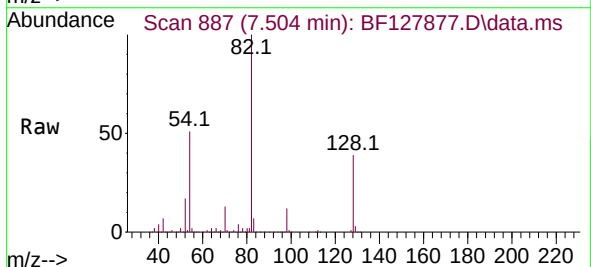
Instrument :
BNA_F
ClientSampleId :
TP-9

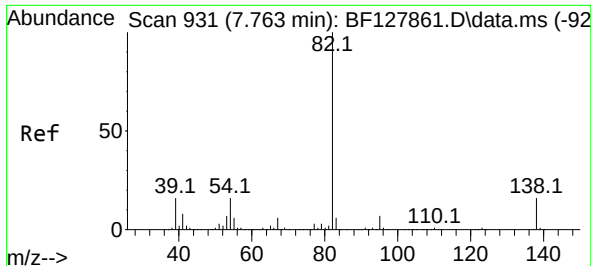
Tgt Ion:136	Resp: 616644		
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	9.0	6.8	10.2
68	6.6	5.1	7.7



#23
Nitrobenzene-d5
Concen: 65.664 ng
RT: 7.504 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF127877.D
Acq: 25 Apr 2022 13:36

Tgt Ion: 82	Resp: 861070
Ion Ratio	Lower Upper
82 100	
128 39.0	30.0 45.0
54 50.7	41.3 61.9

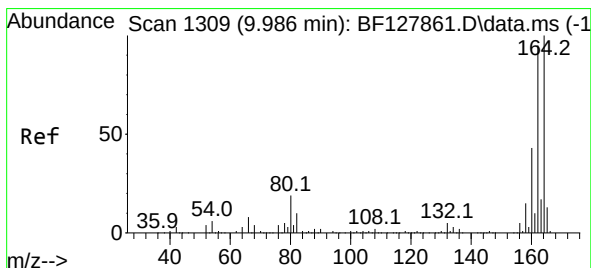
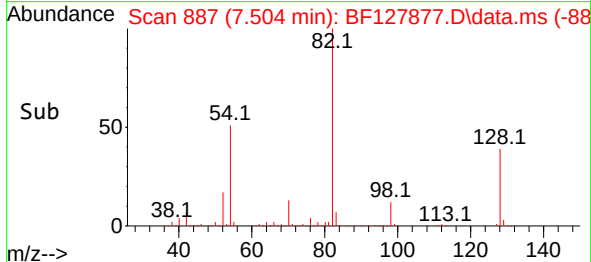
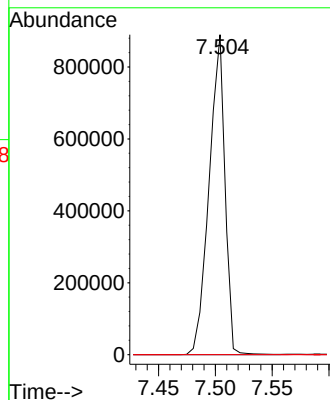
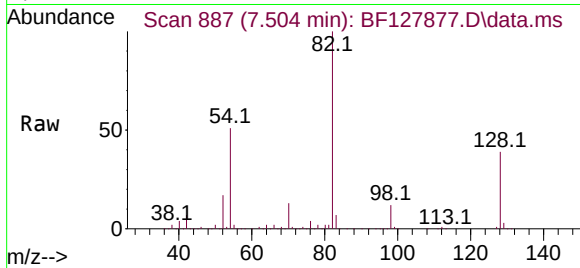




#25
Isophorone
Concen: 39.013 ng
RT: 7.504 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127877.D
Acq: 25 Apr 2022 13:36

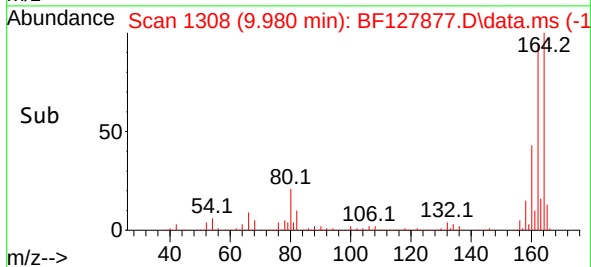
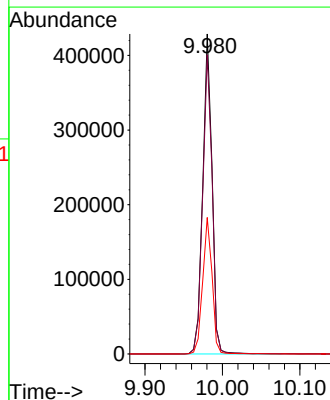
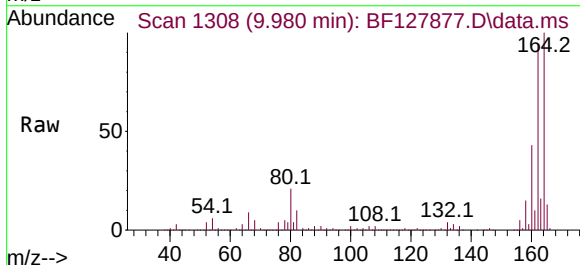
Instrument :
BNA_F
ClientSampleId :
TP-9

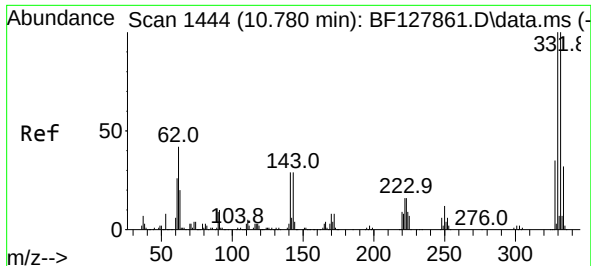
Tgt Ion: 82 Resp: 861049
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.980 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF127877.D
Acq: 25 Apr 2022 13:36

Tgt Ion: 164 Resp: 357152
Ion Ratio Lower Upper
164 100
162 93.5 76.0 114.0
160 42.6 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 90.994 ng

RT: 10.774 min Scan# 1443

Delta R.T. -0.006 min

Lab File: BF127877.D

Acq: 25 Apr 2022 13:36

Instrument :

BNA_F

ClientSampleId :

TP-9

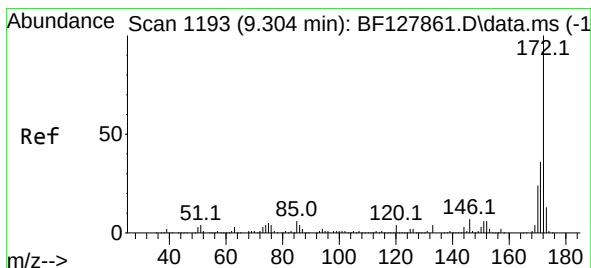
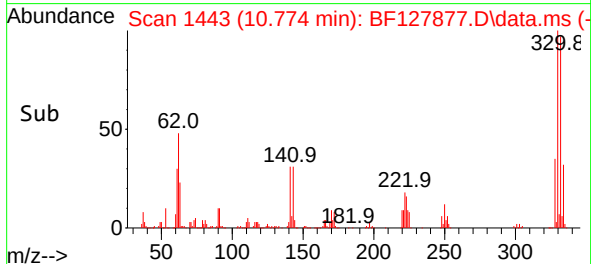
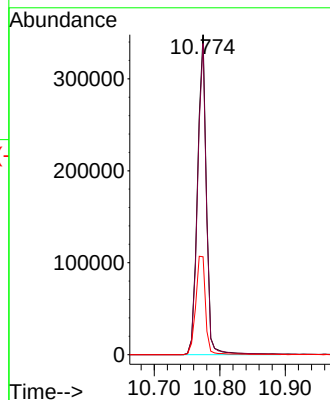
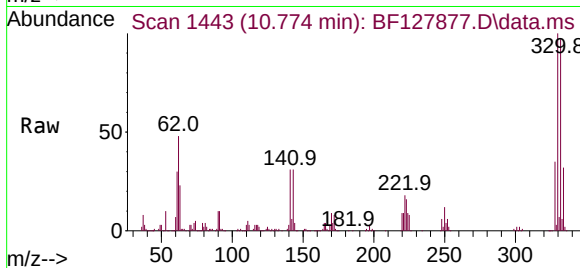
Tgt Ion:330 Resp: 327155

Ion Ratio Lower Upper

330 100

332 97.3 79.0 118.4

141 34.0 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 67.847 ng

RT: 9.298 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF127877.D

Acq: 25 Apr 2022 13:36

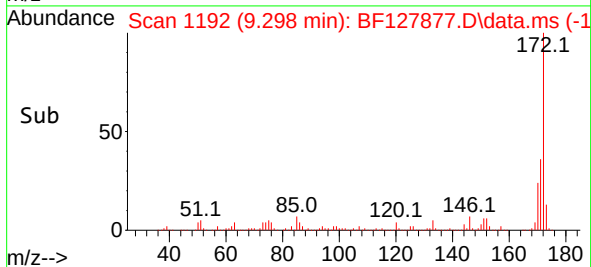
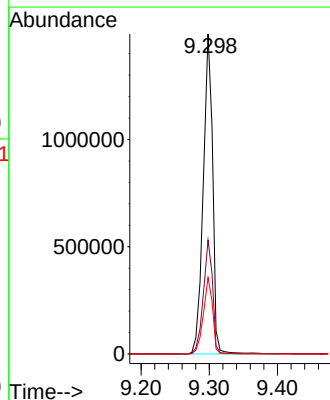
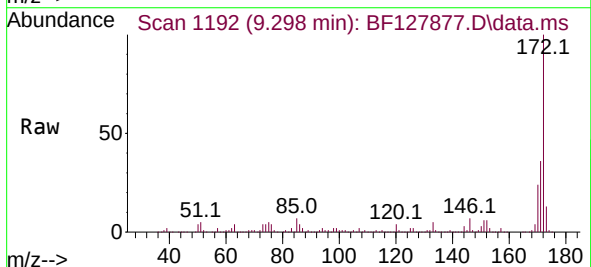
Tgt Ion:172 Resp: 1432360

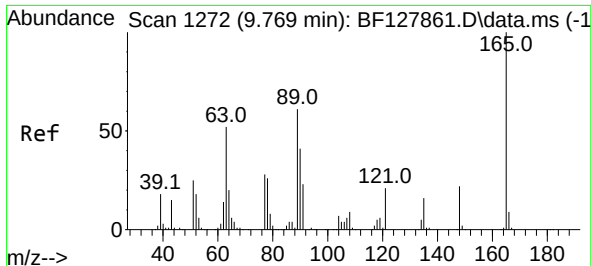
Ion Ratio Lower Upper

172 100

171 35.6 28.6 42.8

170 23.8 19.1 28.7

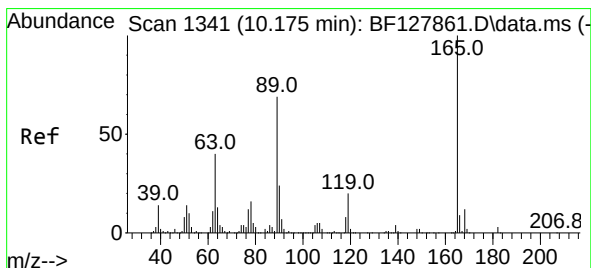
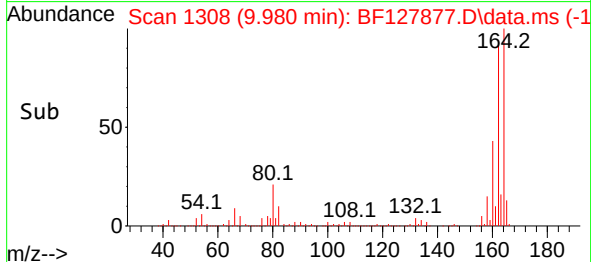
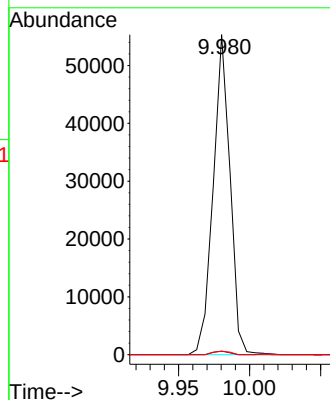
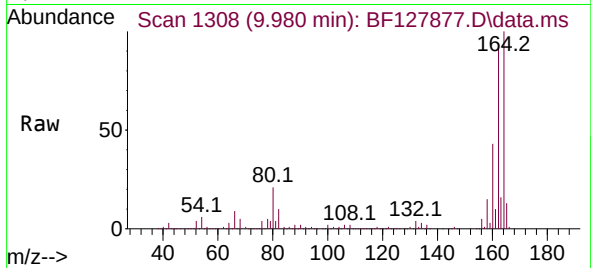




#51
2,6-Dinitrotoluene
Concen: 8.787 ng
RT: 9.980 min Scan# 11
Delta R.T. 0.211 min
Lab File: BF127877.D
Acq: 25 Apr 2022 13:36

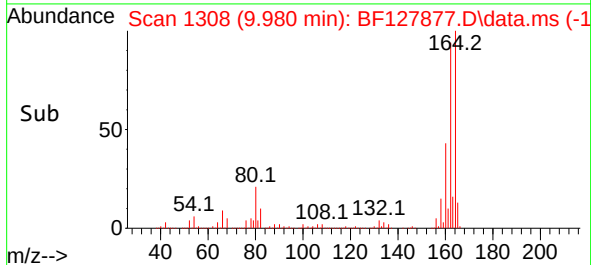
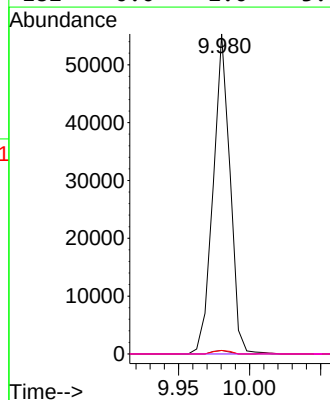
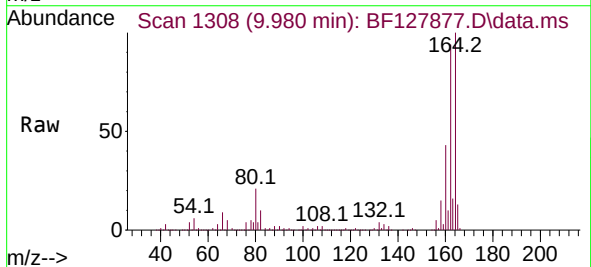
Instrument :
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TP-9

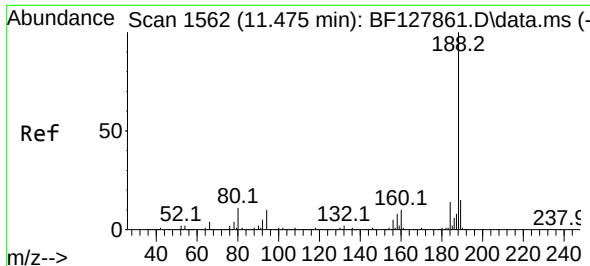
Tgt Ion:165 Resp: 45570
Ion Ratio Lower Upper
165 100
63 1.1 49.5 74.3#
89 1.1 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.634 ng
RT: 9.980 min Scan# 1308
Delta R.T. -0.194 min
Lab File: BF127877.D
Acq: 25 Apr 2022 13:36

Tgt Ion:165 Resp: 45570
Ion Ratio Lower Upper
165 100
63 1.1 32.6 49.0#
89 1.1 55.2 82.8#
182 0.0 2.0 3.0#

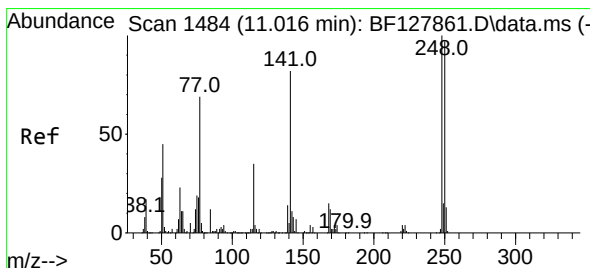
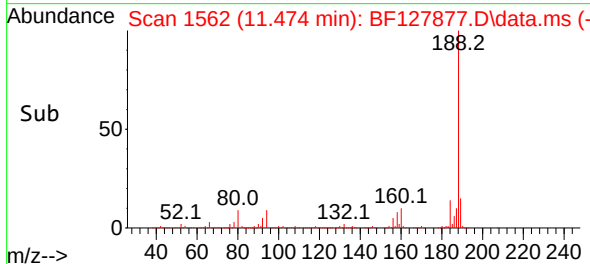
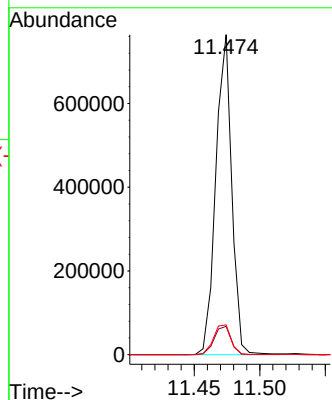
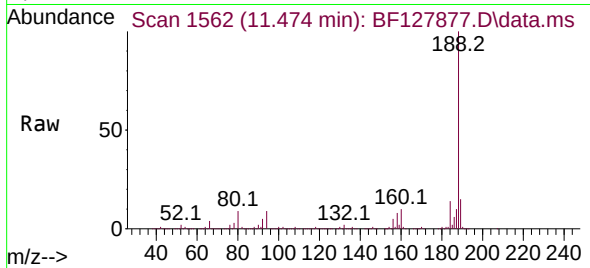




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.474 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF127877.D
Acq: 25 Apr 2022 13:36

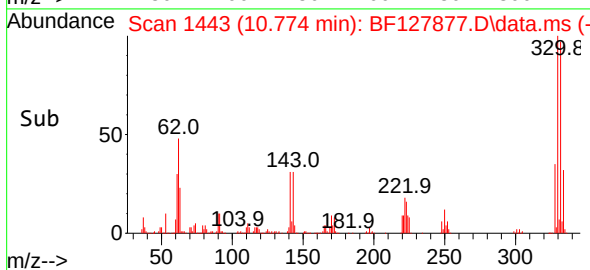
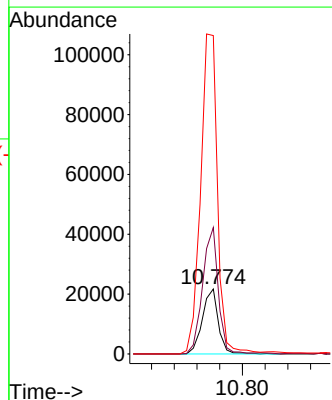
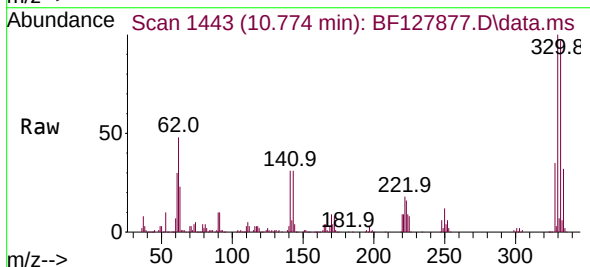
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TP-9

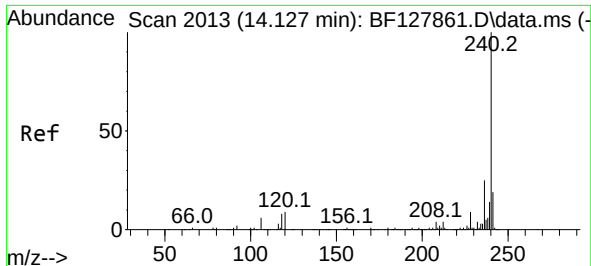
Tgt Ion:188 Resp: 644457
Ion Ratio Lower Upper
188 100
94 8.9 8.0 12.0
80 9.3 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 2.960 ng
RT: 10.774 min Scan# 1443
Delta R.T. -0.241 min
Lab File: BF127877.D
Acq: 25 Apr 2022 13:36

Tgt Ion:248 Resp: 21146
Ion Ratio Lower Upper
248 100
250 194.6 77.7 116.5#
141 490.2 65.6 98.4#

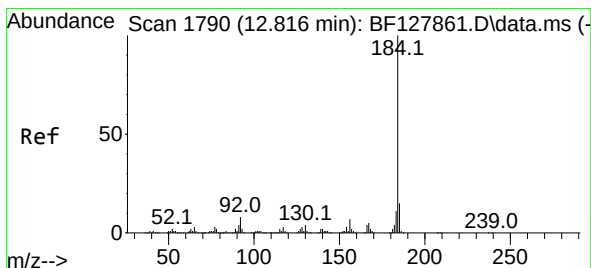
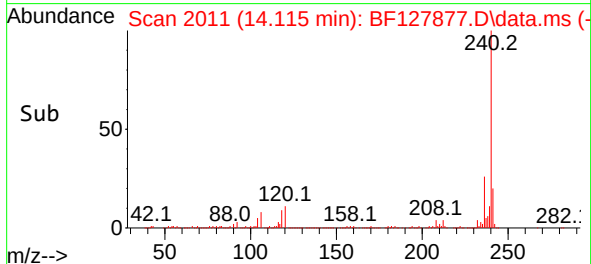
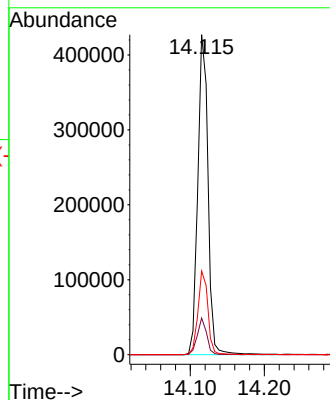
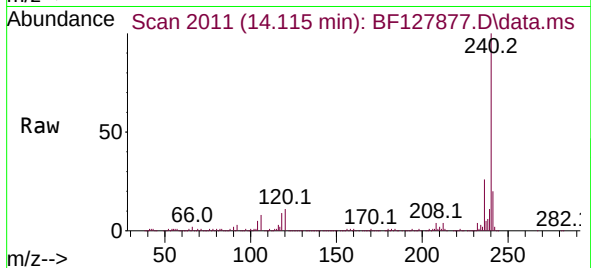




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.115 min Scan# 2013
Delta R.T. -0.012 min
Lab File: BF127877.D
Acq: 25 Apr 2022 13:36

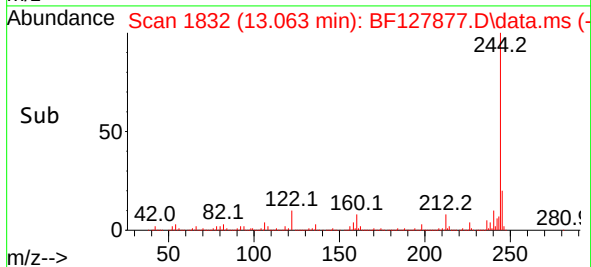
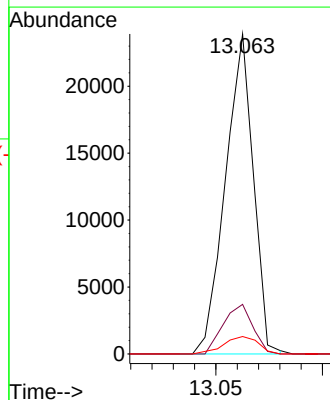
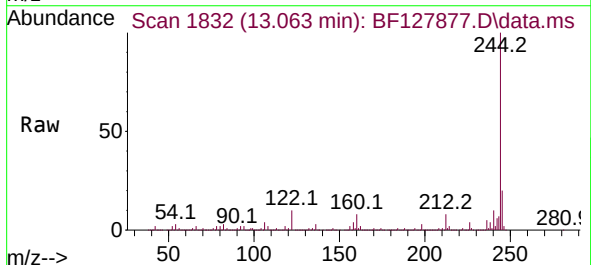
Instrument :
BNA_F
ClientSampleId :
TP-9

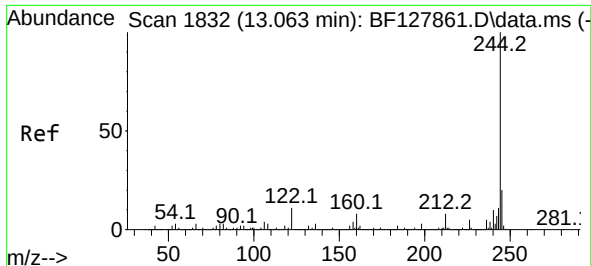
Tgt Ion:240 Resp: 407249
Ion Ratio Lower Upper
240 100
120 11.5 7.0 10.6#
236 26.2 20.3 30.5



#77
Benzidine
Concen: 2.826 ng
RT: 13.063 min Scan# 1832
Delta R.T. 0.246 min
Lab File: BF127877.D
Acq: 25 Apr 2022 13:36

Tgt Ion:184 Resp: 21780
Ion Ratio Lower Upper
184 100
185 15.5 12.1 18.1
183 5.5 9.0 13.4#

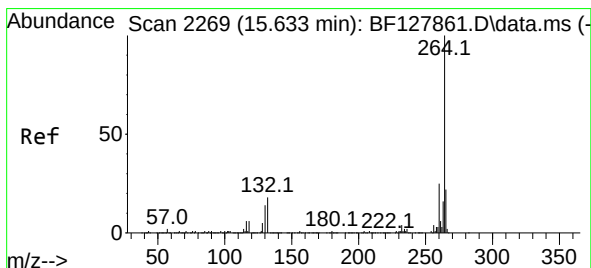
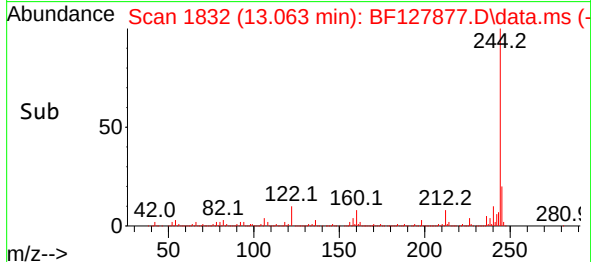
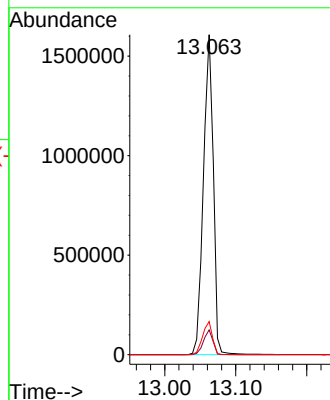
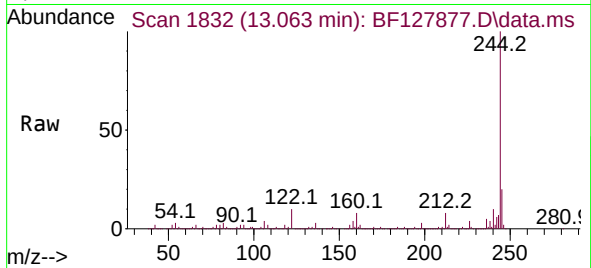




#79
 Terphenyl-d14
 Concen: 70.059 ng
 RT: 13.063 min Scan# 1832
 Delta R.T. -0.000 min
 Lab File: BF127877.D
 Acq: 25 Apr 2022 13:36

Instrument :
 BNA_F
 ClientSampleId :
 TP-9

Tgt Ion:244 Resp: 1560331
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.4
 122 10.4 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.633 min Scan# 2269
 Delta R.T. -0.000 min
 Lab File: BF127877.D
 Acq: 25 Apr 2022 13:36

Tgt Ion:264 Resp: 344916
 Ion Ratio Lower Upper
 264 100
 260 23.9 20.1 30.1
 265 21.7 17.5 26.3

