

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092722\
 Data File : BF130427.D
 Acq On : 27 Sep 2022 16:15
 Operator : CG\JU
 Sample : N4763-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-GW

Quant Time: Sep 27 18:42:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 27 01:00:47 2022
 Response via : Initial Calibration

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

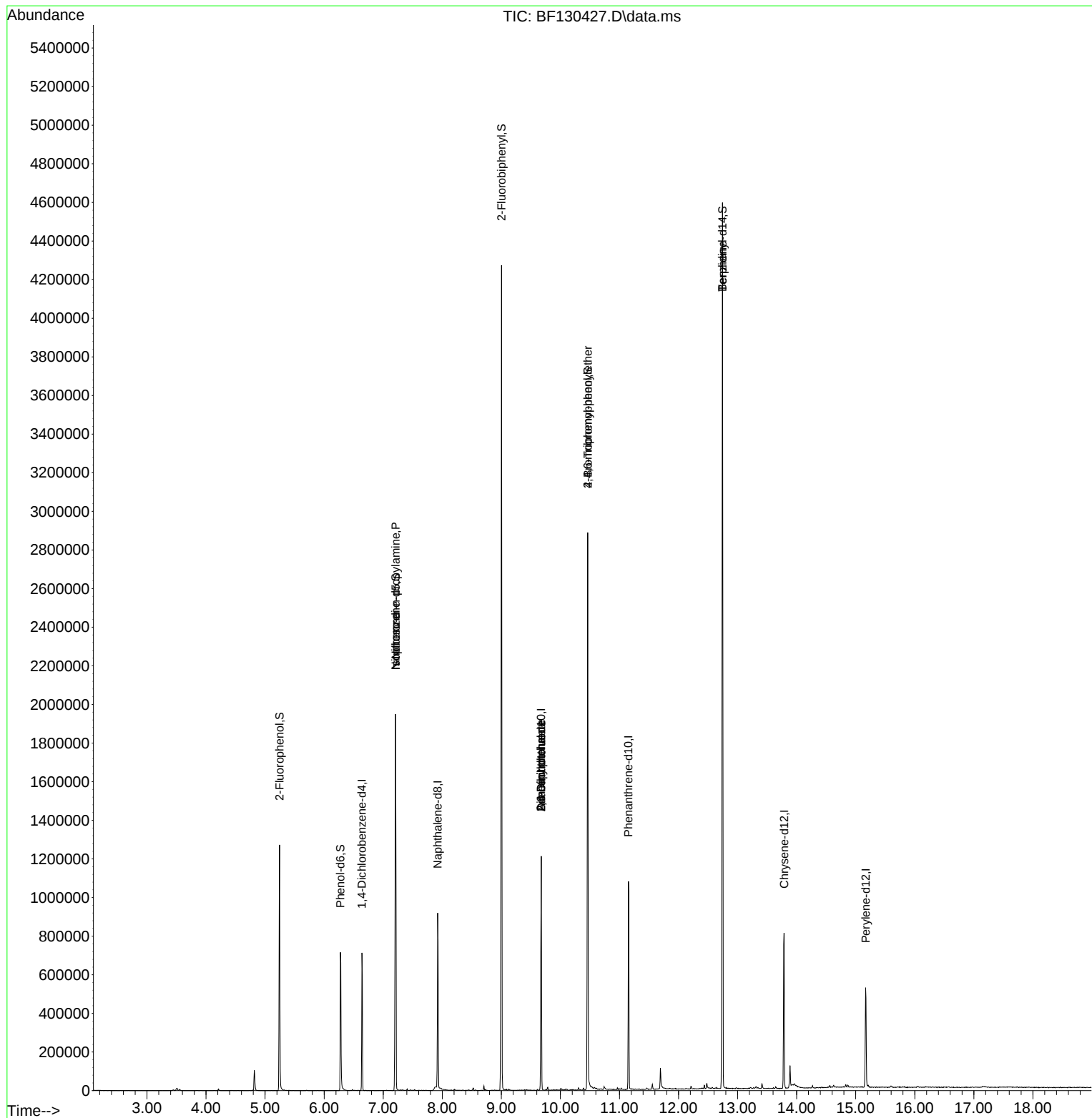
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.640	152	101811	20.000	ng	-0.01
21) Naphthalene-d8	7.922	136	410345	20.000	ng	-0.02
39) Acenaphthene-d10	9.675	164	224667	20.000	ng	-0.01
64) Phenanthrene-d10	11.151	188	389384	20.000	ng	-0.02
76) Chrysene-d12	13.786	240	274269	20.000	ng	#-0.02
86) Perylene-d12	15.168	264	217951	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	333448	56.807	ng	0.00
7) Phenol-d6	6.275	99	246399	33.548	ng	-0.02
23) Nitrobenzene-d5	7.210	82	643831	80.158	ng	-0.01
42) 2,4,6-Tribromophenol	10.463	330	341818	158.783	ng	-0.02
45) 2-Fluorobiphenyl	9.004	172	1277542	82.805	ng	-0.01
79) Terphenyl-d14	12.745	244	1493452	90.199	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.210	70	86315	17.416	ng	# 72
25) Isophorone	7.210	82	643820	49.732	ng	# 66
50) Dimethylphthalate	9.675	163	41870	2.698	ng	# 1
51) 2,6-Dinitrotoluene	9.675	165	28221	8.695	ng	# 16
57) 2,4-Dinitrotoluene	9.675	165	28221	6.804	ng	# 16
67) 4-Bromophenyl-phenylether	10.463	248	20796	4.841	ng	# 1
77) Benzidine	12.745	184	20805	2.613	ng	# 95

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

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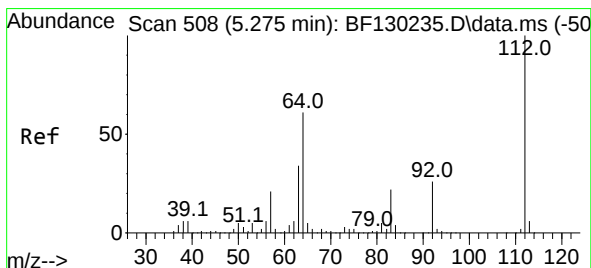
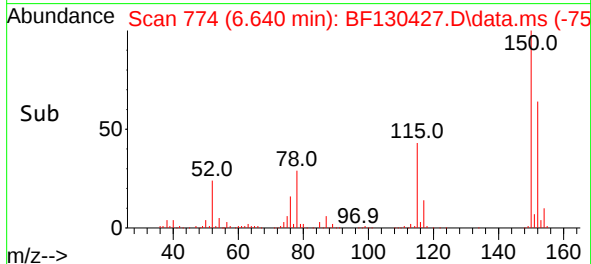
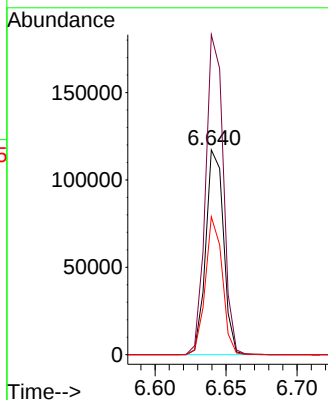
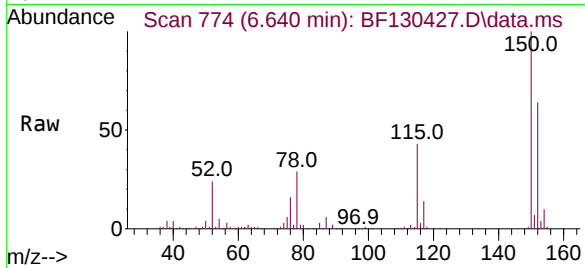




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.640 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BF130427.D
 Acq: 27 Sep 2022 16:15

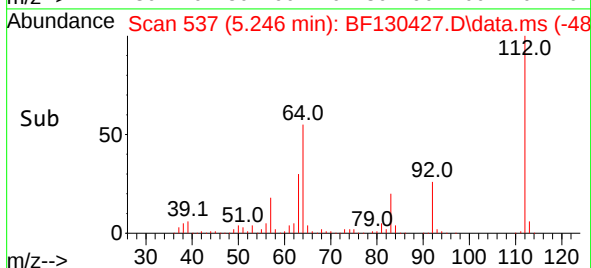
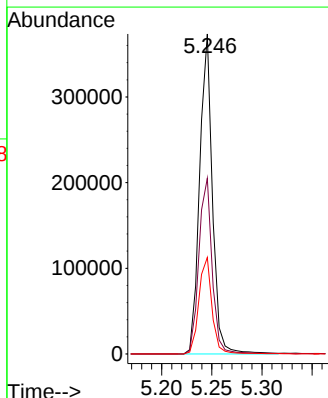
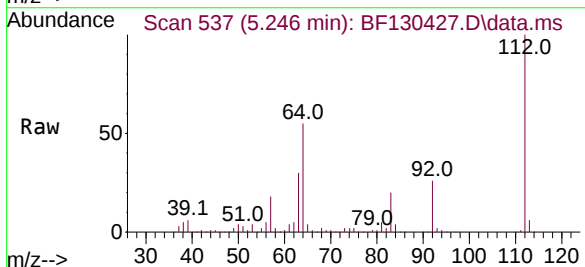
Instrument :
 BNA_F
 ClientSampleId :
 WC-GW

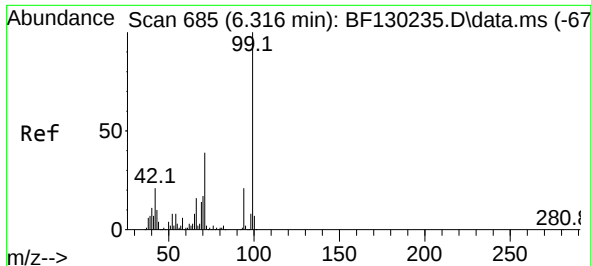
Tgt Ion:152 Resp: 101811
 Ion Ratio Lower Upper
 152 100
 150 156.2 122.8 184.2
 115 67.3 53.8 80.8



#5
 2-Fluorophenol
 Concen: 56.807 ng
 RT: 5.246 min Scan# 537
 Delta R.T. 0.000 min
 Lab File: BF130427.D
 Acq: 27 Sep 2022 16:15

Tgt Ion:112 Resp: 333448
 Ion Ratio Lower Upper
 112 100
 64 54.9 51.4 77.0
 63 30.2 28.8 43.2

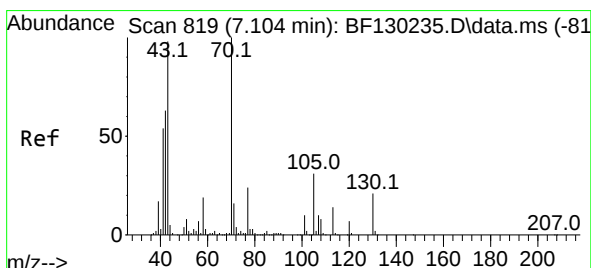
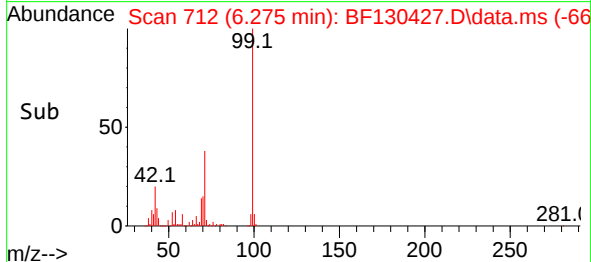
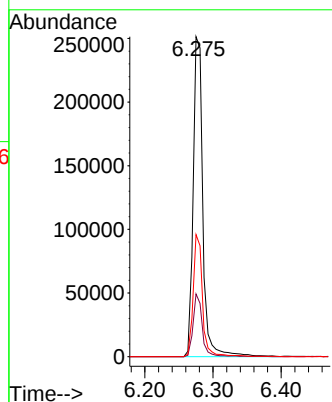
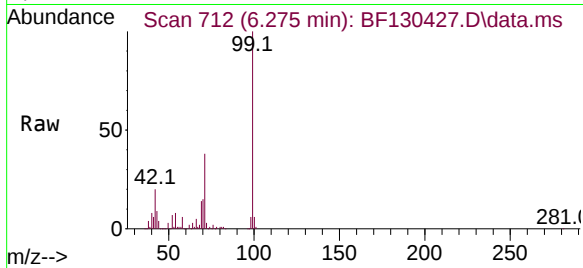




#7
Phenol-d6
Concen: 33.548 ng
RT: 6.275 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF130427.D
Acq: 27 Sep 2022 16:15

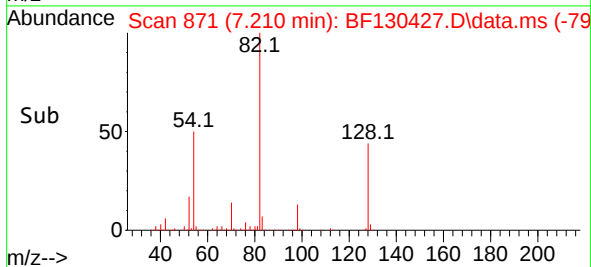
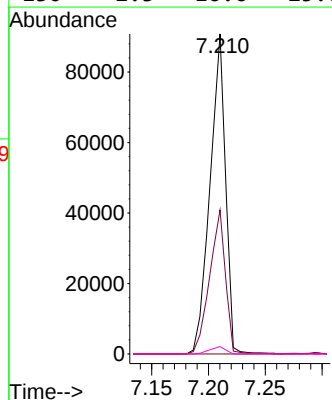
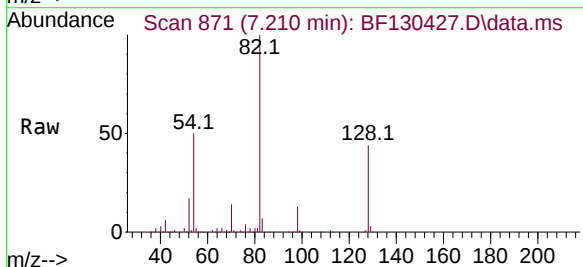
Instrument :
BNA_F
ClientSampleId :
WC-GW

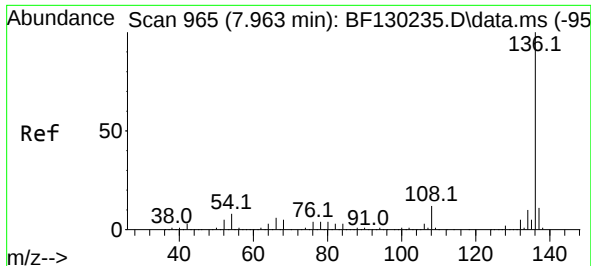
Tgt Ion: 99 Resp: 246399
Ion Ratio Lower Upper
99 100
42 19.6 17.0 25.6
71 38.2 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.416 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.135 min
Lab File: BF130427.D
Acq: 27 Sep 2022 16:15

Tgt Ion: 70 Resp: 86315
Ion Ratio Lower Upper
70 100
42 45.0 50.8 76.2#
101 0.0 8.2 12.4#
130 2.3 16.6 25.0#

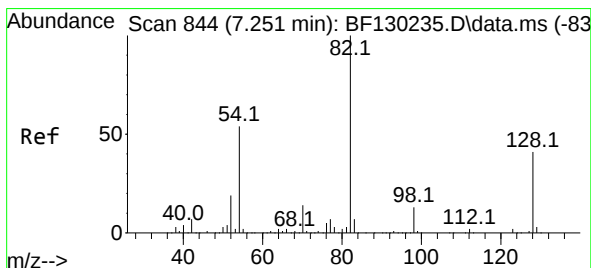
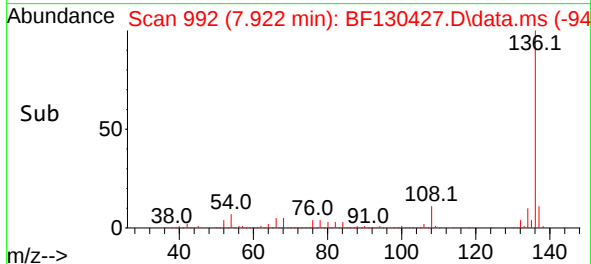
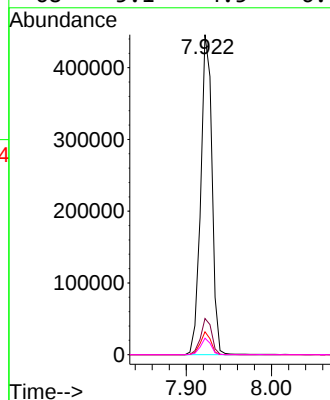
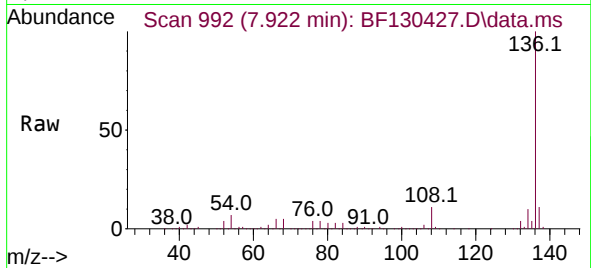




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.922 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF130427.D
Acq: 27 Sep 2022 16:15

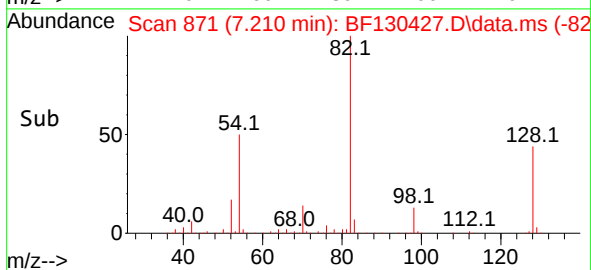
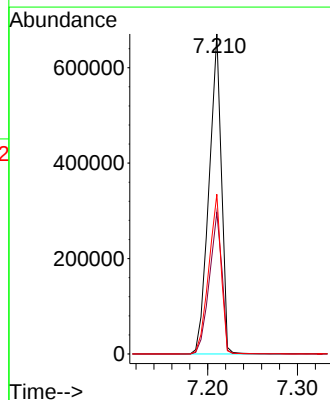
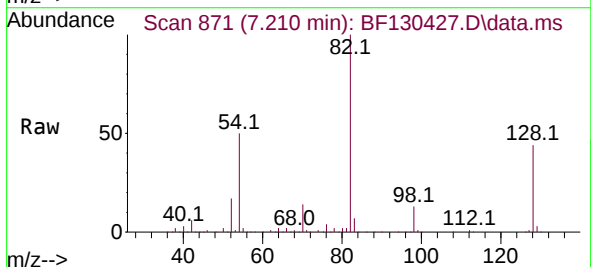
Instrument :
BNA_F
ClientSampleId :
WC-GW

Tgt Ion:136 Resp: 410345
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 7.1 7.1 10.7
68 5.1 4.5 6.7



#23
Nitrobenzene-d5
Concen: 80.158 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.012 min
Lab File: BF130427.D
Acq: 27 Sep 2022 16:15

Tgt Ion: 82 Resp: 643831
Ion Ratio Lower Upper
82 100
128 44.3 32.6 49.0
54 49.9 43.8 65.6

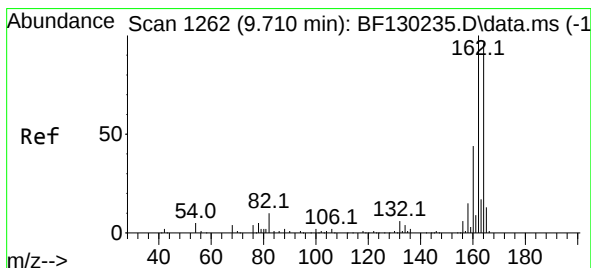
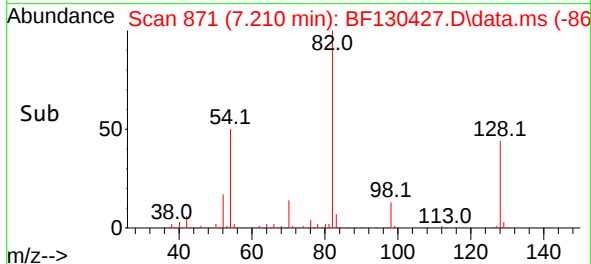
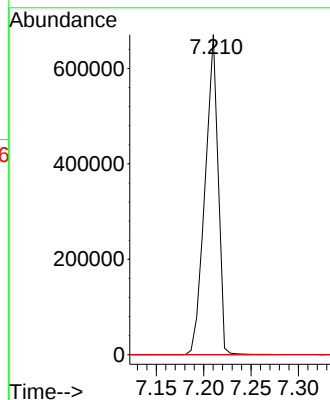
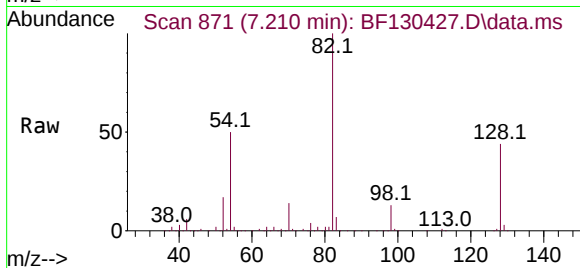




#25
Isophorone
Concen: 49.732 ng
RT: 7.210 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF130427.D
Acq: 27 Sep 2022 16:15

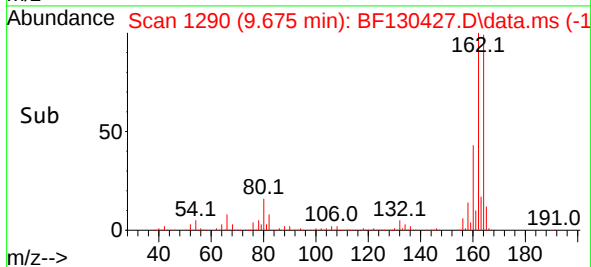
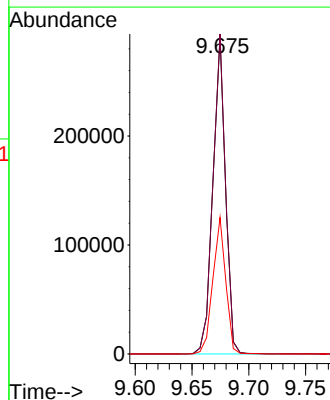
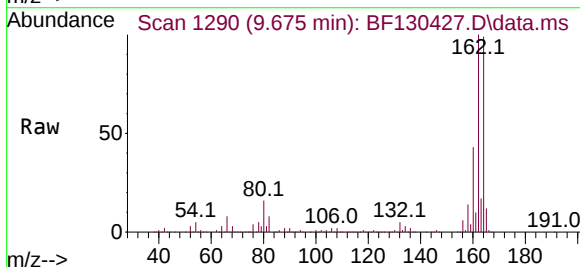
Instrument :
BNA_F
ClientSampleId :
WC-GW

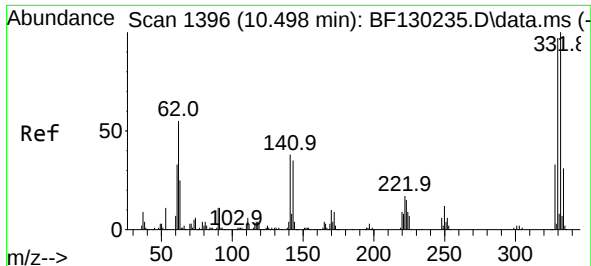
Tgt Ion: 82 Resp: 643820
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.675 min Scan# 1290
Delta R.T. -0.012 min
Lab File: BF130427.D
Acq: 27 Sep 2022 16:15

Tgt Ion: 164 Resp: 224667
Ion Ratio Lower Upper
164 100
162 100.8 81.4 122.0
160 43.0 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 158.783 ng

RT: 10.463 min Scan# 1424

Delta R.T. -0.018 min

Lab File: BF130427.D

Acq: 27 Sep 2022 16:15

Instrument :

BNA_F

ClientSampleId :

WC-GW

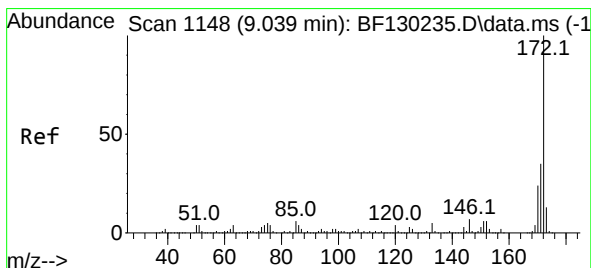
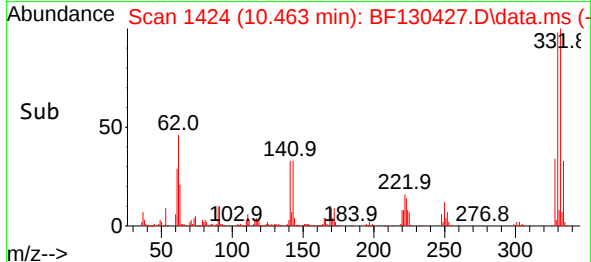
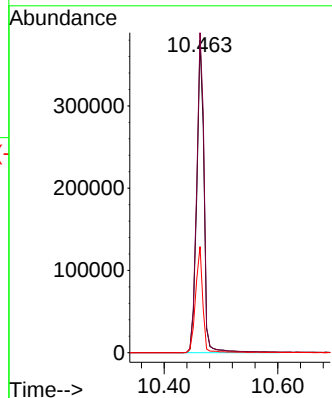
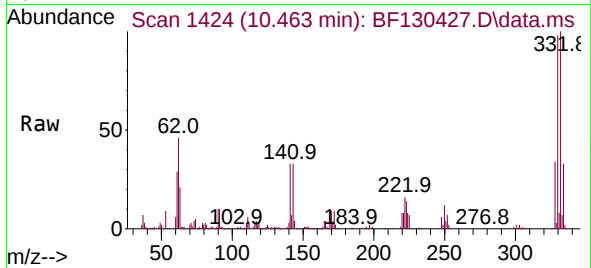
Tgt Ion:330 Resp: 341818

Ion Ratio Lower Upper

330 100

332 104.6 83.4 125.2

141 33.4 34.0 51.0#



#45

2-Fluorobiphenyl

Concen: 82.805 ng

RT: 9.004 min Scan# 1176

Delta R.T. -0.012 min

Lab File: BF130427.D

Acq: 27 Sep 2022 16:15

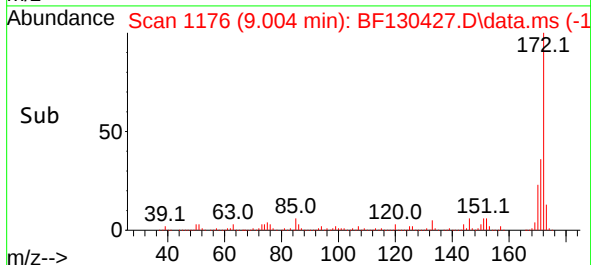
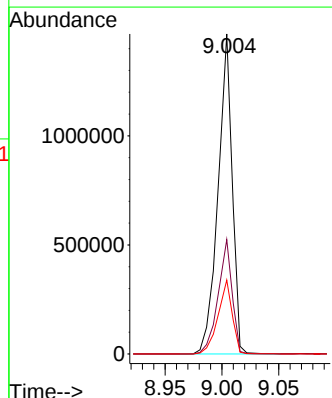
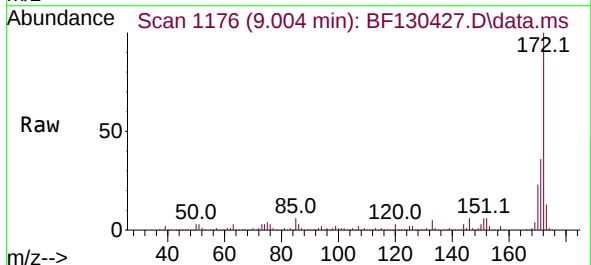
Tgt Ion:172 Resp: 1277542

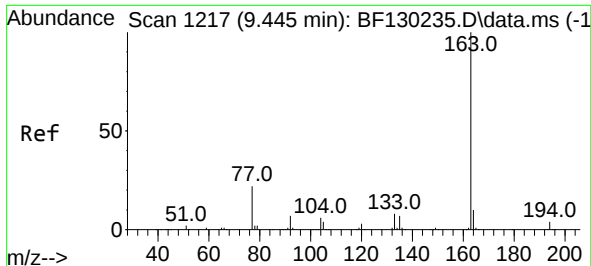
Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 23.1 18.7 28.1

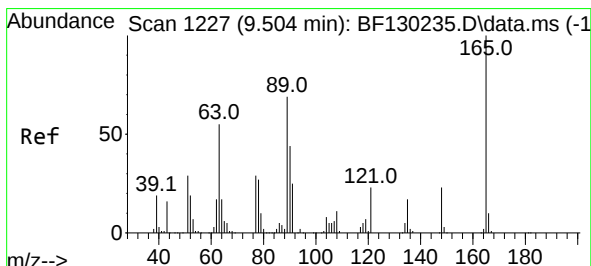
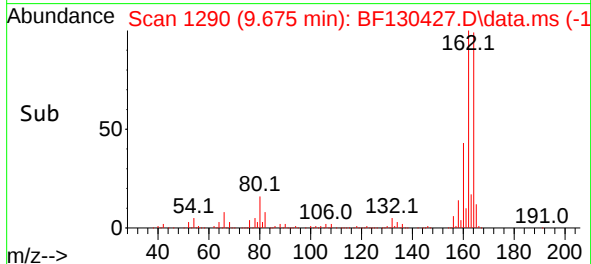
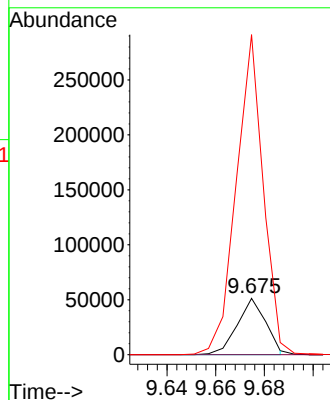
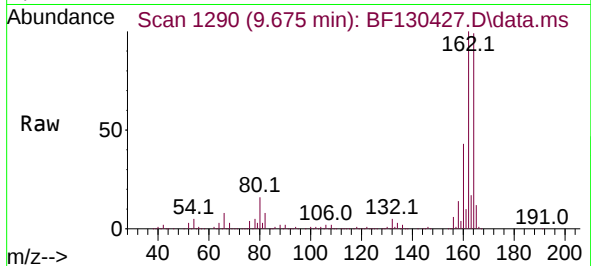




#50
Dimethylphthalate
Concen: 2.698 ng
RT: 9.675 min Scan# 1290
Delta R.T. 0.253 min
Lab File: BF130427.D
Acq: 27 Sep 2022 16:15

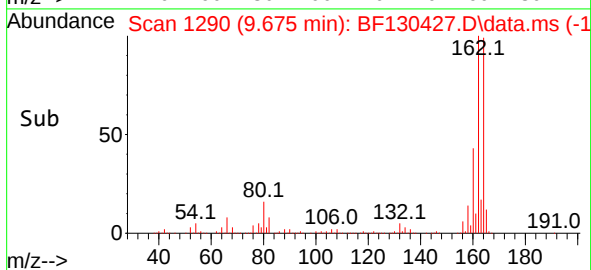
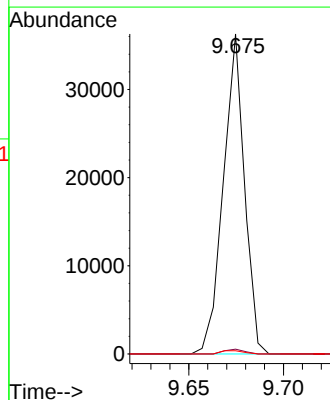
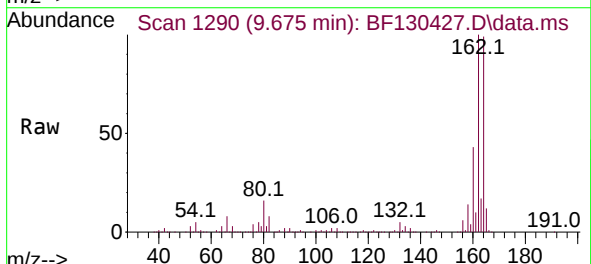
Instrument :
BNA_F
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WC-GW

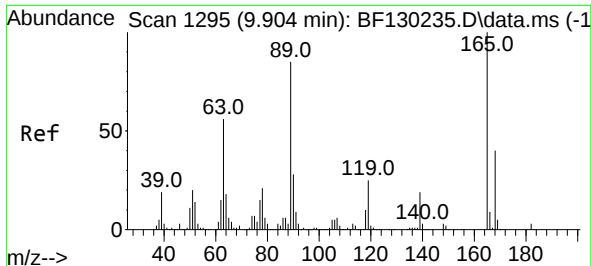
Tgt Ion:163 Resp: 41870
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 567.8 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.695 ng
RT: 9.675 min Scan# 1290
Delta R.T. 0.188 min
Lab File: BF130427.D
Acq: 27 Sep 2022 16:15

Tgt Ion:165 Resp: 28221
Ion Ratio Lower Upper
165 100
63 1.5 58.8 88.2#
89 1.0 54.5 81.7#

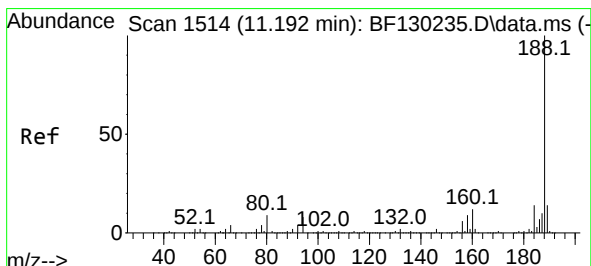
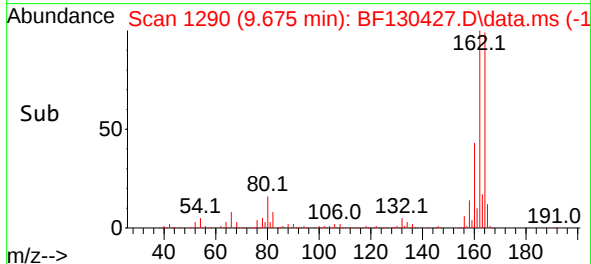
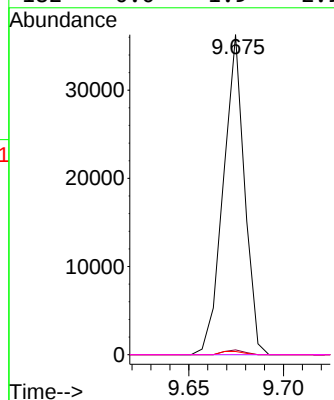
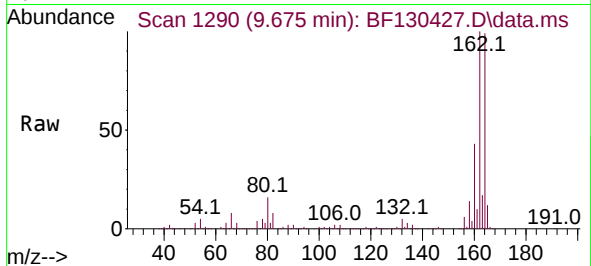




#57
2,4-Dinitrotoluene
Concen: 6.804 ng
RT: 9.675 min Scan# 119
Delta R.T. -0.212 min
Lab File: BF130427.D
Acq: 27 Sep 2022 16:15

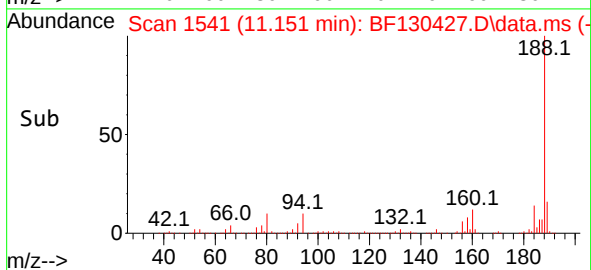
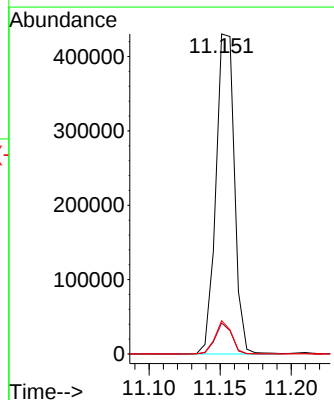
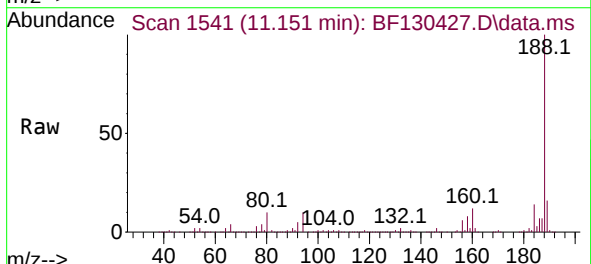
Instrument :
BNA_F
ClientSampleId :
WC-GW

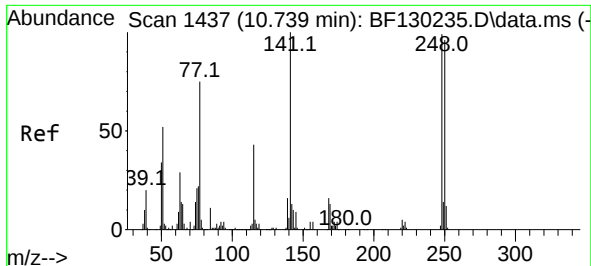
Tgt Ion:165 Resp: 28221
Ion Ratio Lower Upper
165 100
63 1.5 44.7 67.1#
89 1.0 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.151 min Scan# 1541
Delta R.T. -0.018 min
Lab File: BF130427.D
Acq: 27 Sep 2022 16:15

Tgt Ion:188 Resp: 389384
Ion Ratio Lower Upper
188 100
94 9.6 7.4 11.2
80 10.4 7.9 11.9

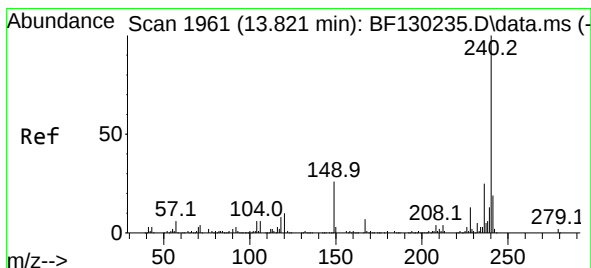
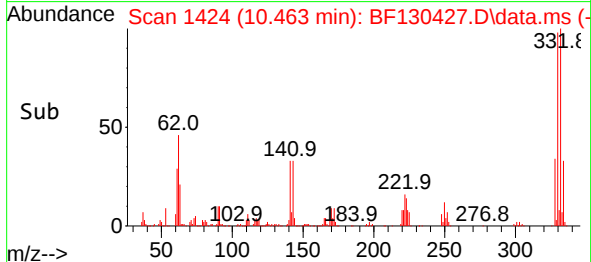
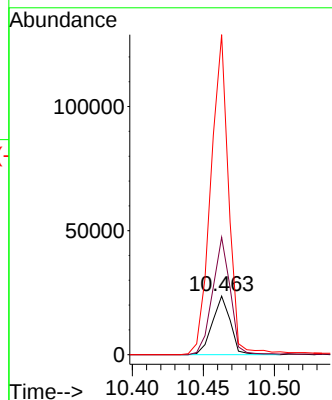
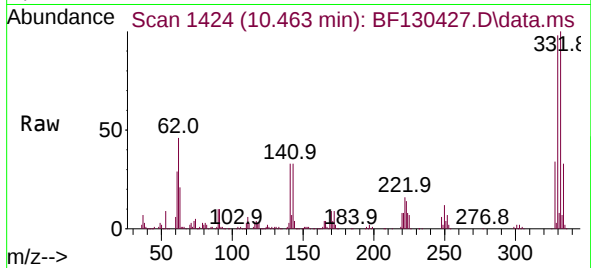




#67
4-Bromophenyl-phenylether
Concen: 4.841 ng
RT: 10.463 min Scan# 1437
Delta R.T. -0.259 min
Lab File: BF130427.D
Acq: 27 Sep 2022 16:15

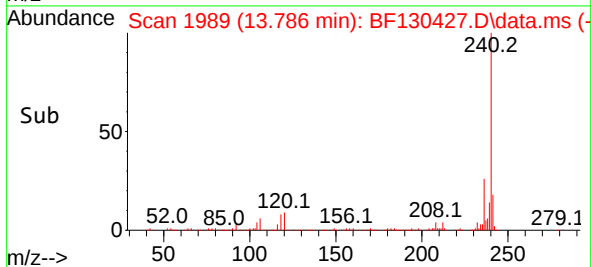
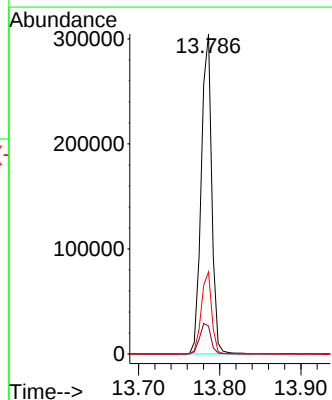
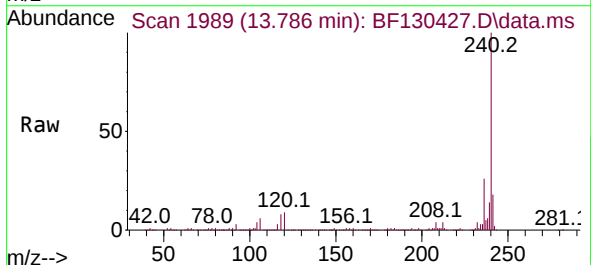
Instrument :
BNA_F
ClientSampleId :
WC-GW

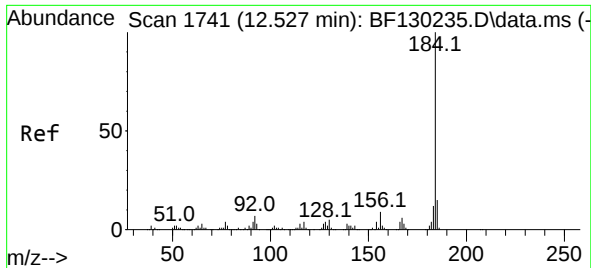
Tgt Ion:248 Resp: 20796
Ion Ratio Lower Upper
248 100
250 200.5 80.0 120.0#
141 546.3 68.5 102.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.786 min Scan# 1989
Delta R.T. -0.018 min
Lab File: BF130427.D
Acq: 27 Sep 2022 16:15

Tgt Ion:240 Resp: 274269
Ion Ratio Lower Upper
240 100
120 8.7 8.7 13.1#
236 25.6 20.9 31.3

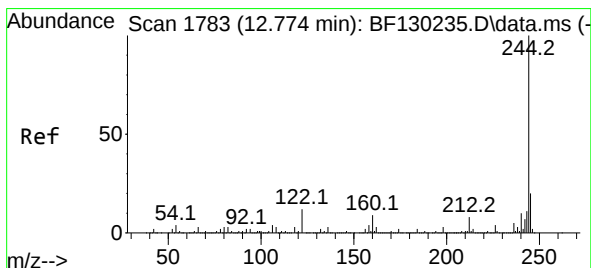
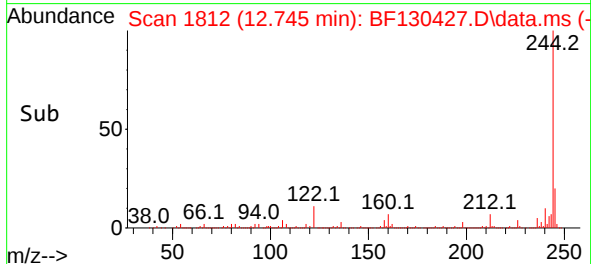
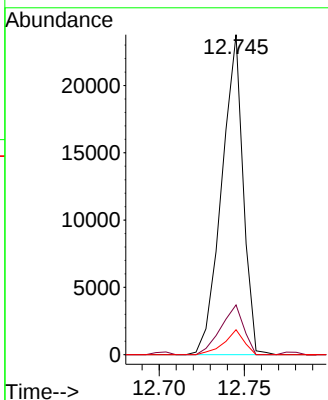
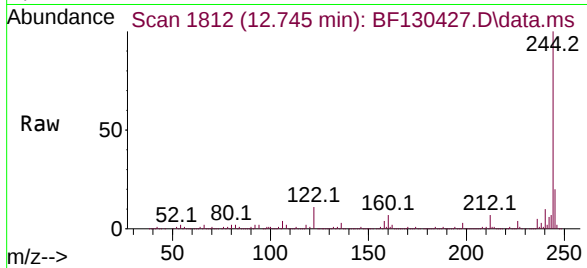




#77
Benzidine
Concen: 2.613 ng
RT: 12.745 min Scan# 1812
Delta R.T. 0.235 min
Lab File: BF130427.D
Acq: 27 Sep 2022 16:15

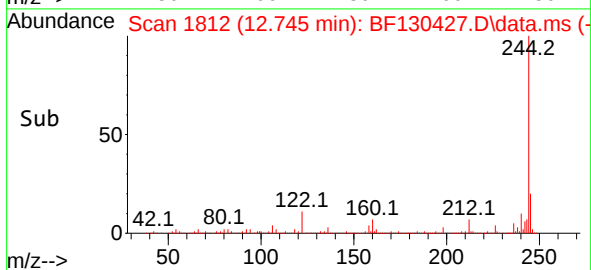
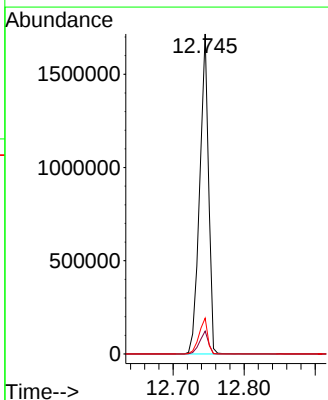
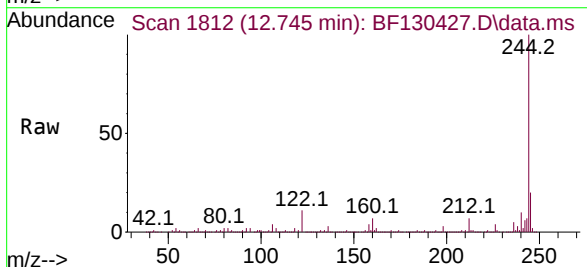
Instrument :
BNA_F
ClientSampleId :
WC-GW

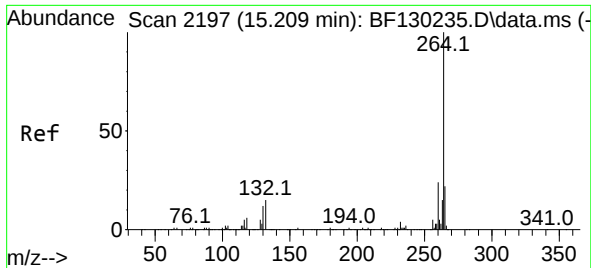
Tgt Ion:184 Resp: 20805
Ion Ratio Lower Upper
184 100
185 15.6 11.8 17.6
183 7.8 9.1 13.7#



#79
Terphenyl-d14
Concen: 90.199 ng
RT: 12.745 min Scan# 1812
Delta R.T. -0.012 min
Lab File: BF130427.D
Acq: 27 Sep 2022 16:15

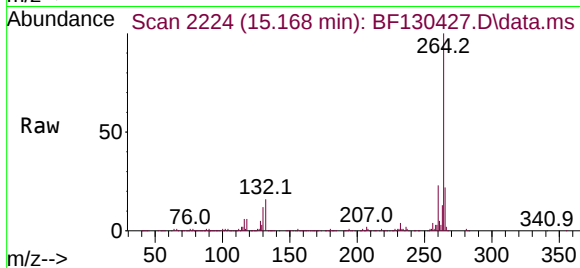
Tgt Ion:244 Resp: 1493452
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 11.2 8.5 12.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.168 min Scan# 21
 Delta R.T. -0.024 min
 Lab File: BF130427.D
 Acq: 27 Sep 2022 16:15

Instrument :
 BNA_F
 ClientSampleId :
 WC-GW



Tgt Ion:264 Resp: 217951
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.3 28.9
 265 22.2 17.0 25.4

