

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081822\
 Data File : BF129877.D
 Acq On : 18 Aug 2022 15:50
 Operator : CG\JU
 Sample : N4200-19
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-GW-1

Quant Time: Aug 19 00:59:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 18 12:03:10 2022
 Response via : Initial Calibration

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

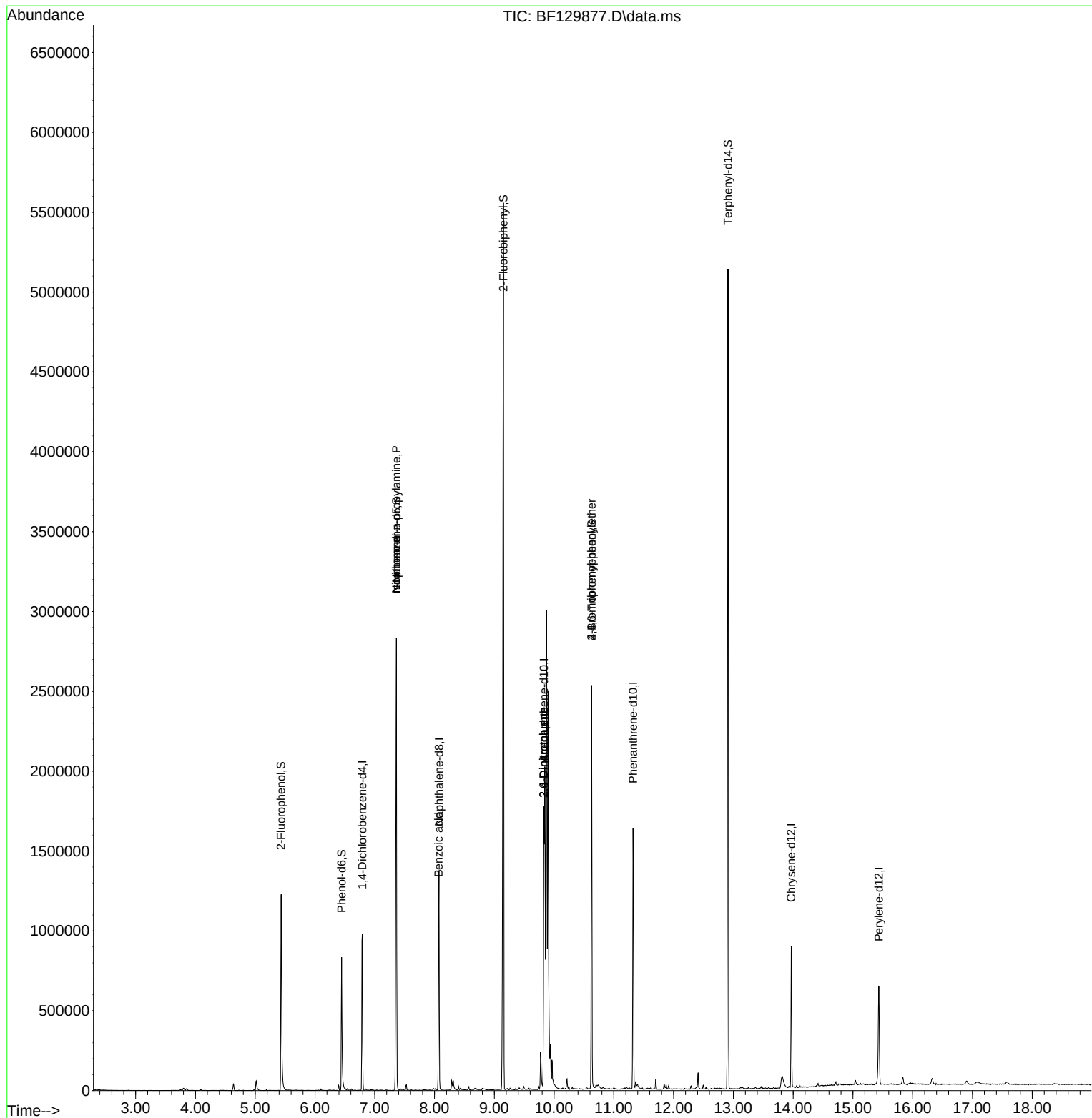
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	148784	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	610854	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	329513	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	552217	20.000	ng	0.00
76) Chrysene-d12	13.968	240	269225	20.000	ng	0.00
86) Perylene-d12	15.433	264	275691	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	371081	41.295	ng	0.00
7) Phenol-d6	6.445	99	283323	25.177	ng	0.00
23) Nitrobenzene-d5	7.363	82	979242	85.815	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	273643	82.743	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1798559	82.900	ng	0.00
79) Terphenyl-d14	12.910	244	1716235	106.071	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.369	77	54	Below Cal	#	44
19) n-Nitroso-di-n-propyla...	7.363	70	130352	18.326	ng	# 75
25) Isophorone	7.363	82	979231	49.859	ng	# 65
32) Benzoic acid	8.069	122	65	2.172	ng	# 1
51) 2,6-Dinitrotoluene	9.828	165	42727	8.338	ng	# 23
57) 2,4-Dinitrotoluene	9.828	165	42727	6.423	ng	# 18
67) 4-Bromophenyl-phenylether	10.627	248	17364	2.685	ng	# 1
77) Benzidine	12.910	184	23436	Below Cal	#	89

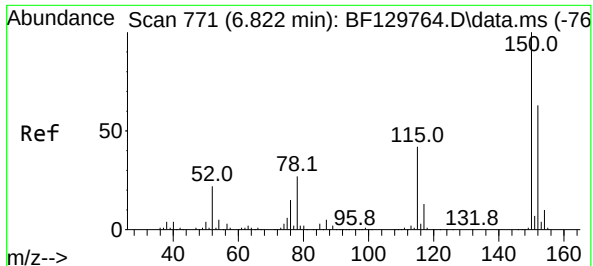
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081822\
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Misc :
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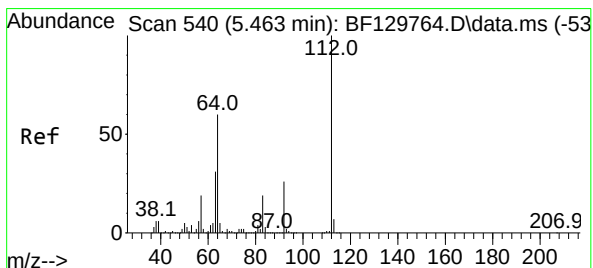
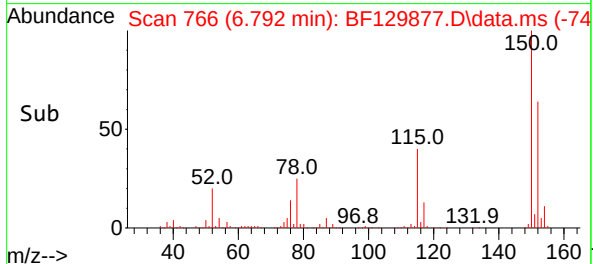
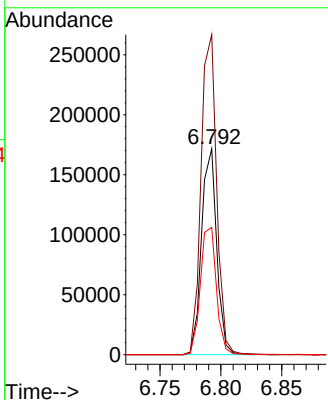
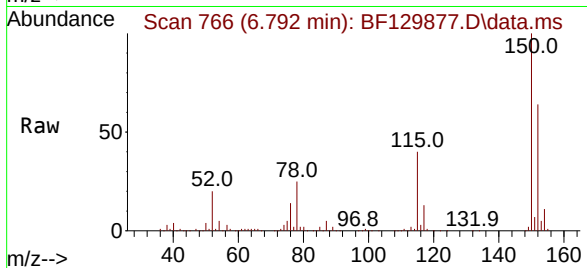




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF129877.D
Acq: 18 Aug 2022 15:50

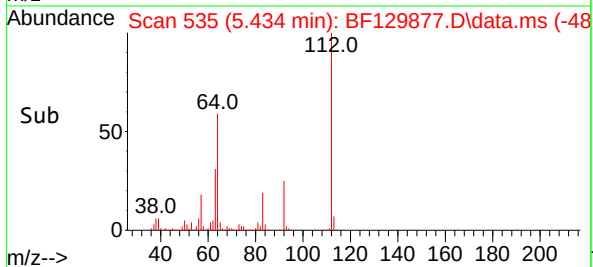
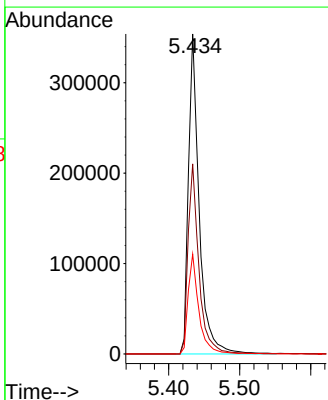
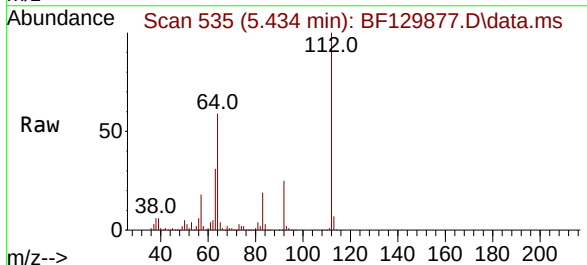
Instrument :
BNA_F
ClientSampleId :
WC-GW-1

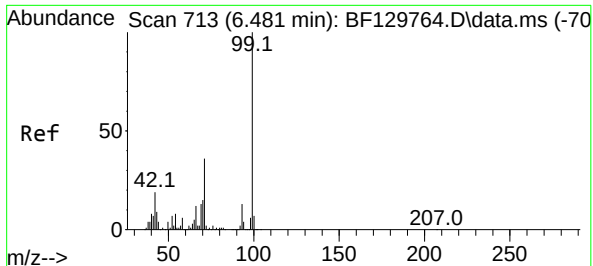
Tgt Ion:152 Resp: 148784
Ion Ratio Lower Upper
152 100
150 155.4 126.9 190.3
115 61.9 53.4 80.0



#5
2-Fluorophenol
Concen: 41.295 ng
RT: 5.434 min Scan# 535
Delta R.T. 0.006 min
Lab File: BF129877.D
Acq: 18 Aug 2022 15:50

Tgt Ion:112 Resp: 371081
Ion Ratio Lower Upper
112 100
64 59.4 47.6 71.4
63 31.2 24.6 37.0

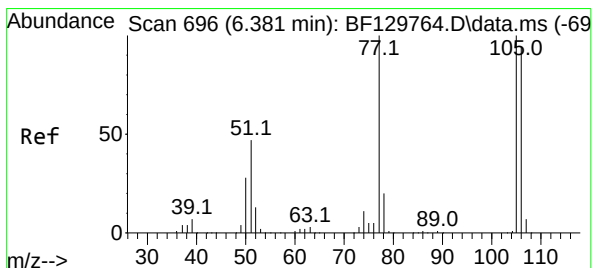
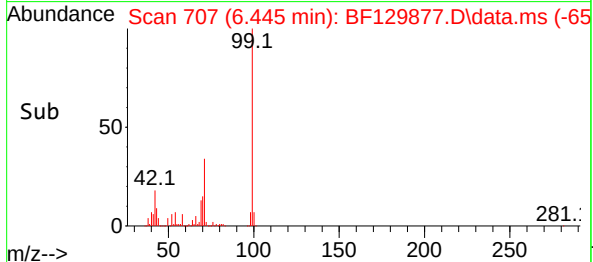
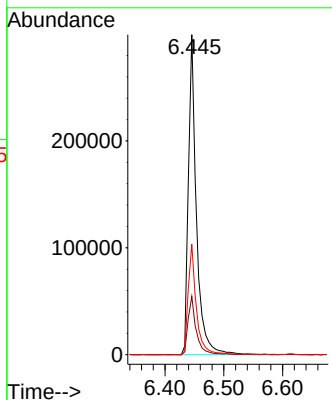
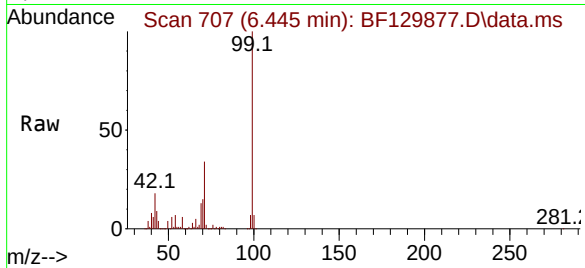




#7
Phenol-d6
Concen: 25.177 ng
RT: 6.445 min Scan# 707
Delta R.T. -0.006 min
Lab File: BF129877.D
Acq: 18 Aug 2022 15:50

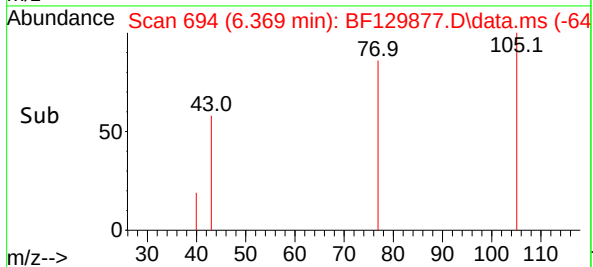
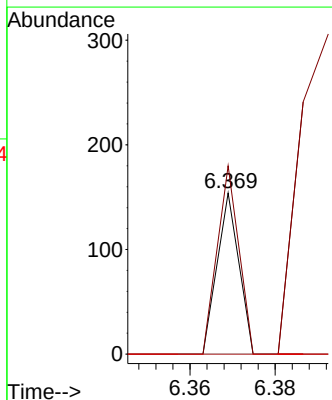
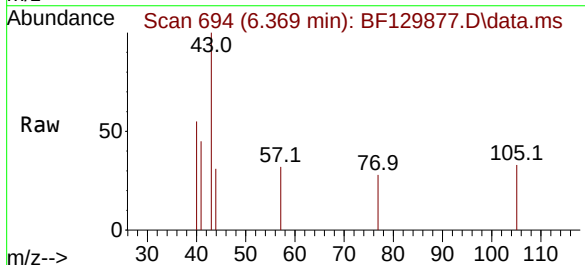
Instrument :
BNA_F
ClientSampleId :
WC-GW-1

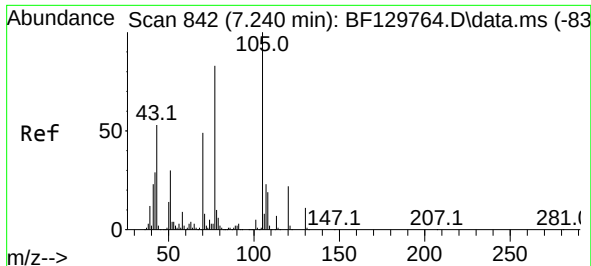
Tgt Ion: 99 Resp: 283323
Ion Ratio Lower Upper
99 100
42 18.2 15.0 22.4
71 34.5 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.369 min Scan# 694
Delta R.T. 0.018 min
Lab File: BF129877.D
Acq: 18 Aug 2022 15:50

Tgt Ion: 77 Resp: 54
Ion Ratio Lower Upper
77 100
105 116.9 80.3 120.3
106 0.0 74.3 114.3#

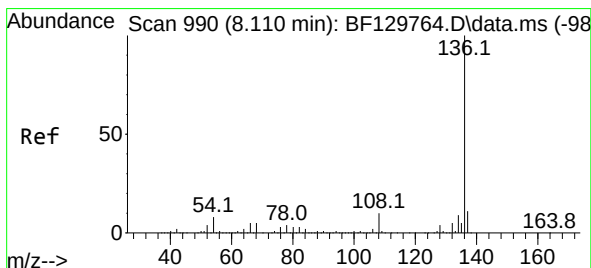
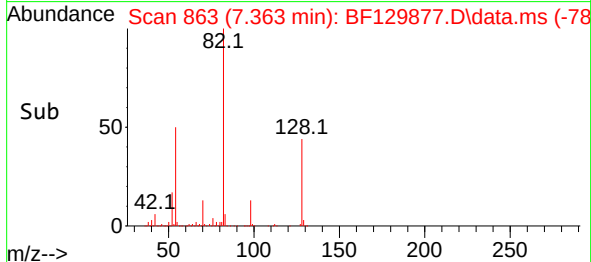
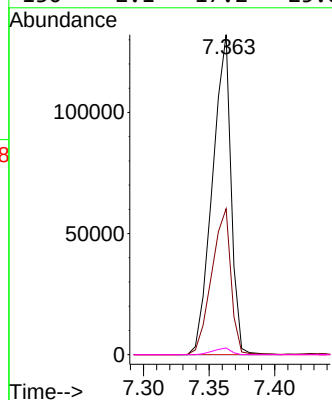
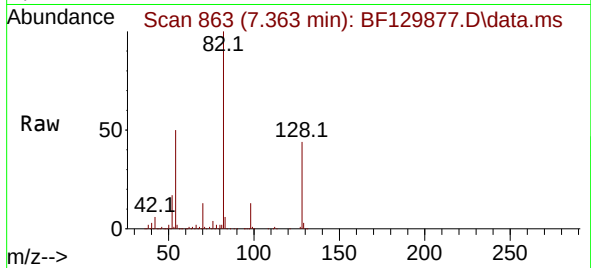




#19
n-Nitroso-di-n-propylamine
Concen: 18.326 ng
RT: 7.363 min Scan# 80
Delta R.T. 0.153 min
Lab File: BF129877.D
Acq: 18 Aug 2022 15:50

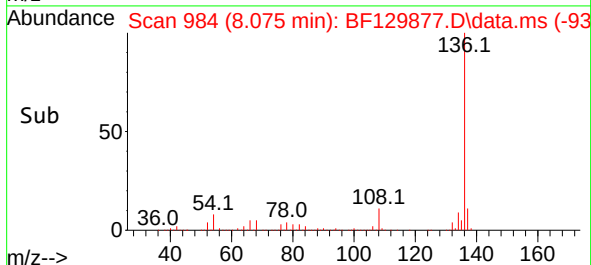
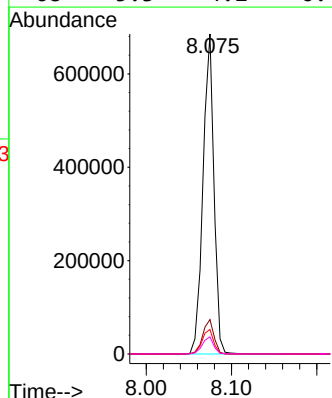
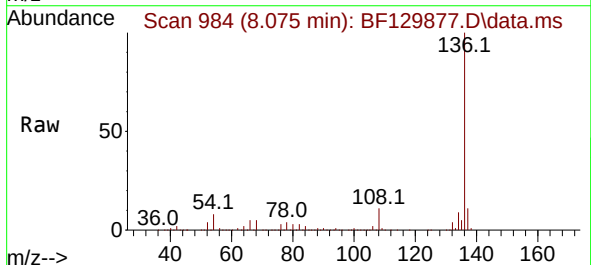
Instrument :
BNA_F
ClientSampleId :
WC-GW-1

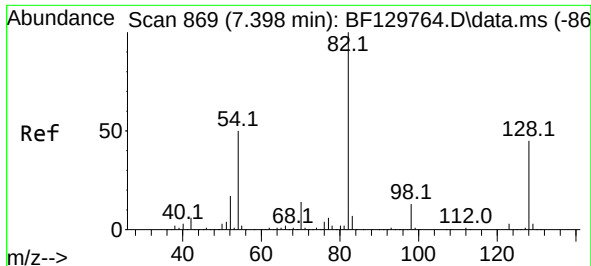
Tgt Ion: 70 Resp: 130352
Ion Ratio Lower Upper
70 100
42 45.6 47.6 71.4#
101 0.0 8.1 12.1#
130 2.1 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF129877.D
Acq: 18 Aug 2022 15:50

Tgt Ion: 136 Resp: 610854
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 7.6 6.2 9.2
68 5.3 4.2 6.4

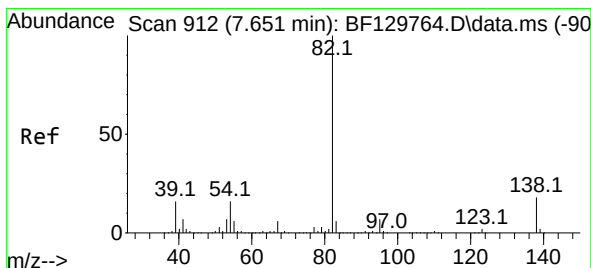
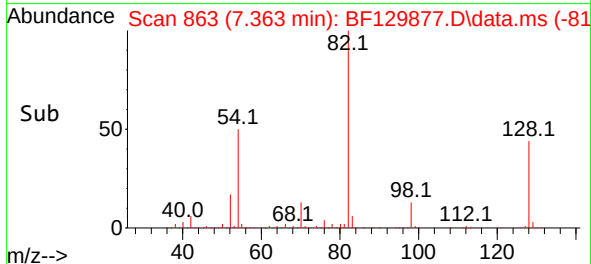
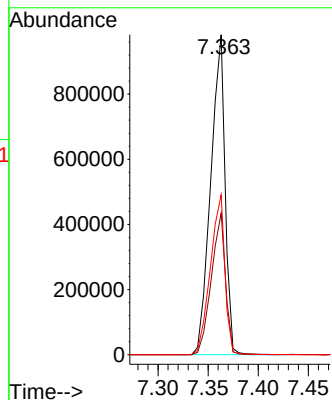
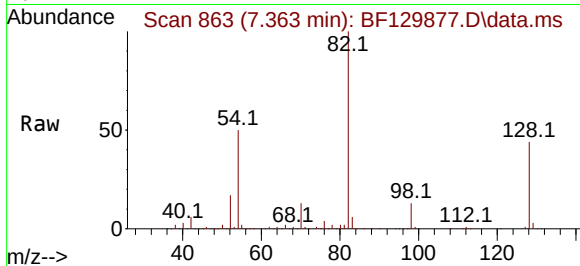




#23
Nitrobenzene-d5
Concen: 85.815 ng
RT: 7.363 min Scan# 863
Delta R.T. -0.006 min
Lab File: BF129877.D
Acq: 18 Aug 2022 15:50

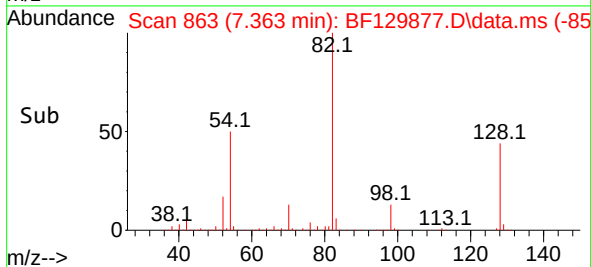
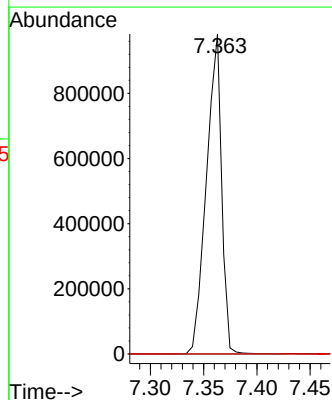
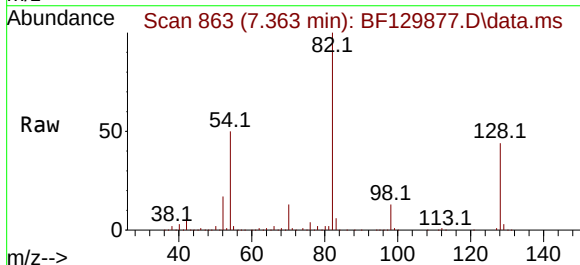
Instrument :
BNA_F
ClientSampleId :
WC-GW-1

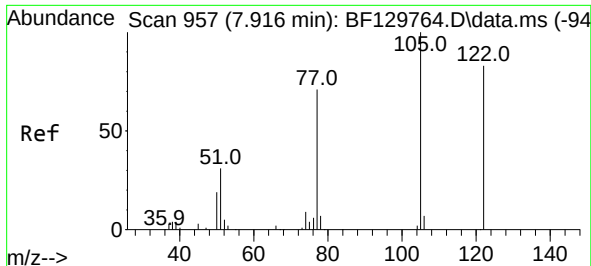
Tgt Ion: 82 Resp: 979242
Ion Ratio Lower Upper
82 100
128 44.2 36.1 54.1
54 49.9 40.0 60.0



#25
Isophorone
Concen: 49.859 ng
RT: 7.363 min Scan# 863
Delta R.T. -0.259 min
Lab File: BF129877.D
Acq: 18 Aug 2022 15:50

Tgt Ion: 82 Resp: 979231
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

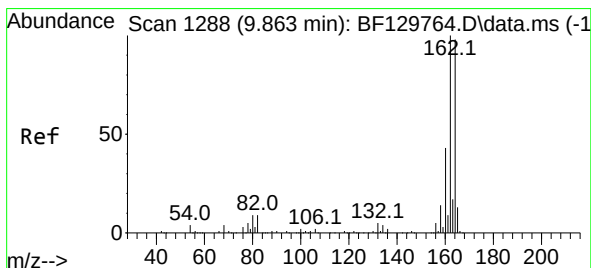
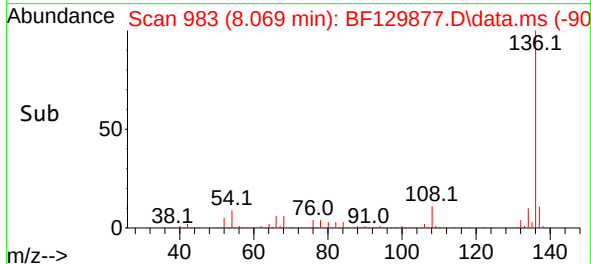
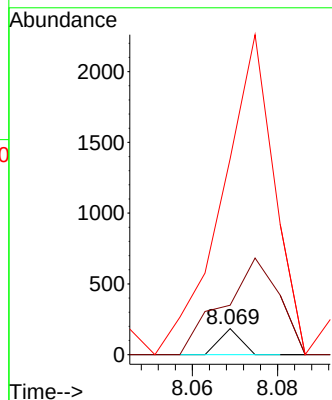
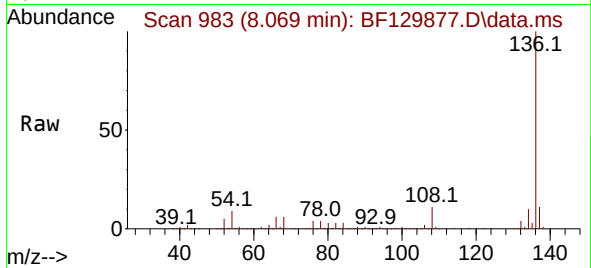




#32
Benzoic acid
Concen: 2.172 ng
RT: 8.069 min Scan# 91
Delta R.T. 0.182 min
Lab File: BF129877.D
Acq: 18 Aug 2022 15:50

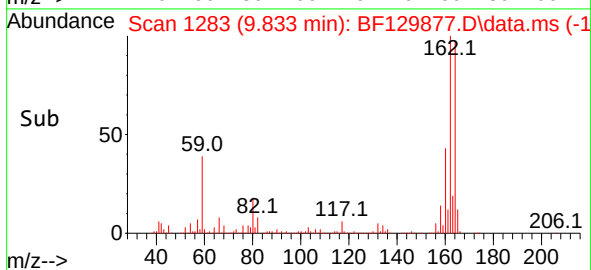
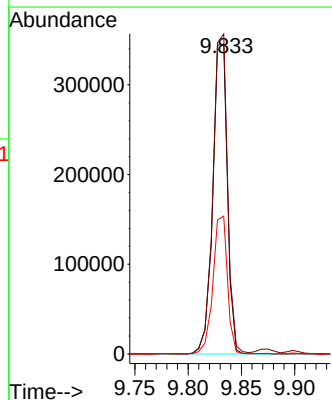
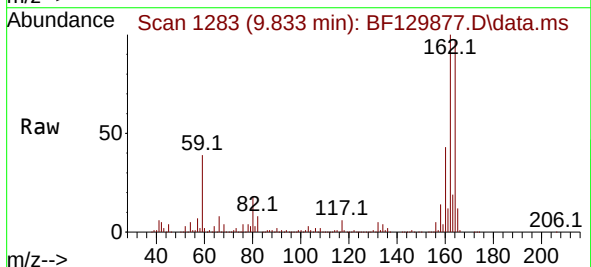
Instrument :
BNA_F
ClientSampleId :
WC-GW-1

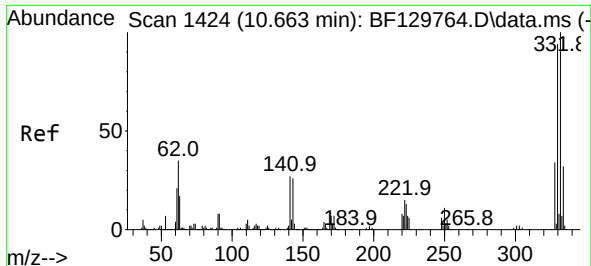
Tgt Ion:122 Resp: 65
Ion Ratio Lower Upper
122 100
105 189.7 99.9 139.9#
77 752.2 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BF129877.D
Acq: 18 Aug 2022 15:50

Tgt Ion:164 Resp: 329513
Ion Ratio Lower Upper
164 100
162 103.3 82.0 123.0
160 44.5 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 82.743 ng

RT: 10.627 min Scan# 1418

Delta R.T. 0.000 min

Lab File: BF129877.D

Acq: 18 Aug 2022 15:50

Instrument :

BNA_F

ClientSampleId :

WC-GW-1

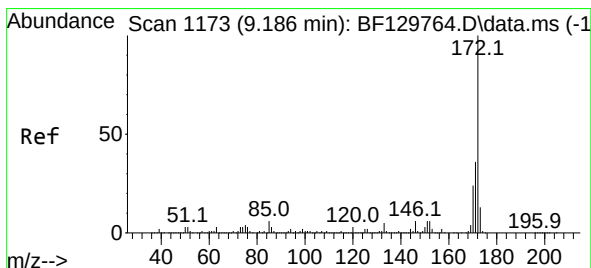
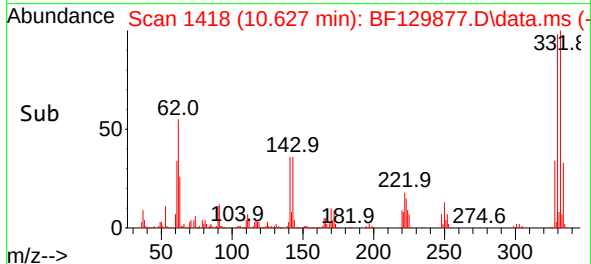
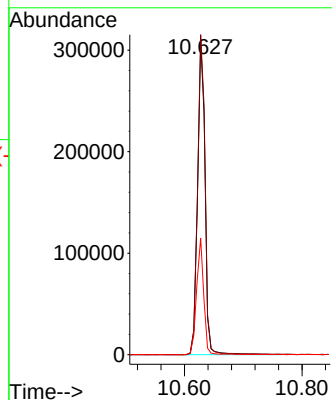
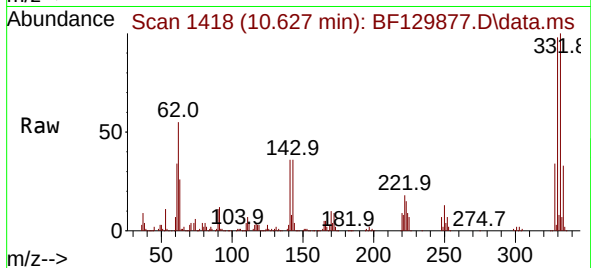
Tgt Ion:330 Resp: 273643

Ion Ratio Lower Upper

330 100

332 101.7 82.6 124.0

141 35.1 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 82.900 ng

RT: 9.151 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF129877.D

Acq: 18 Aug 2022 15:50

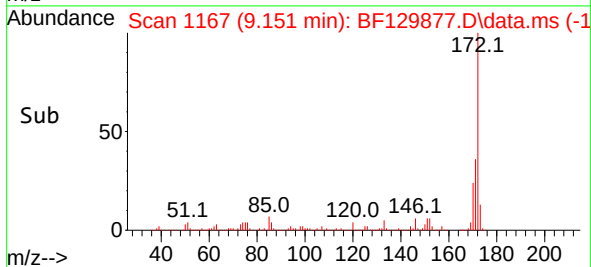
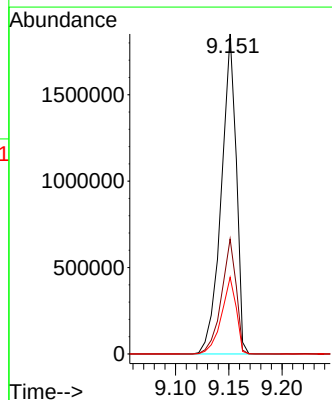
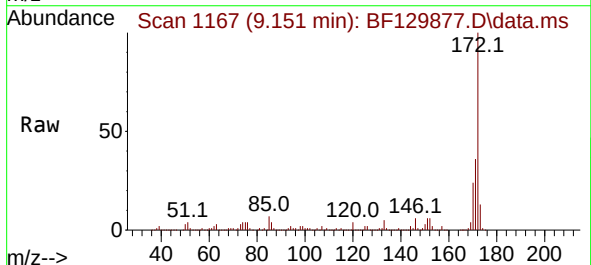
Tgt Ion:172 Resp: 1798559

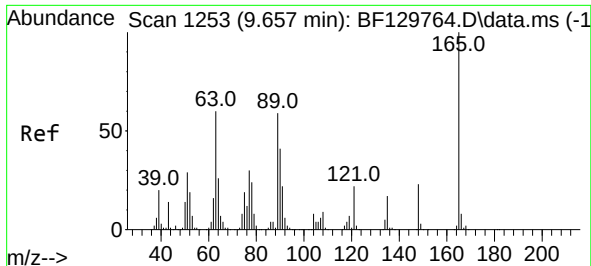
Ion Ratio Lower Upper

172 100

171 36.0 28.4 42.6

170 23.9 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.338 ng

RT: 9.828 min Scan# 1

Delta R.T. 0.200 min

Lab File: BF129877.D

Acq: 18 Aug 2022 15:50

Instrument :

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WC-GW-1

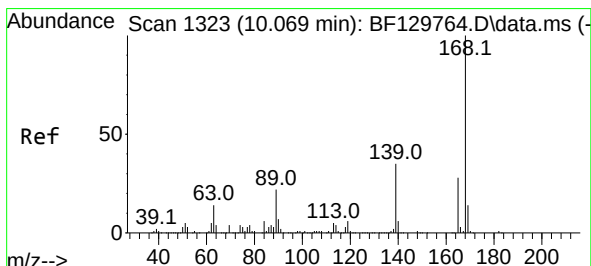
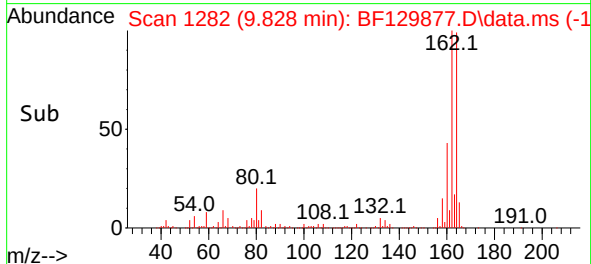
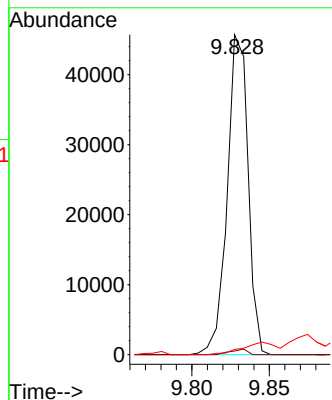
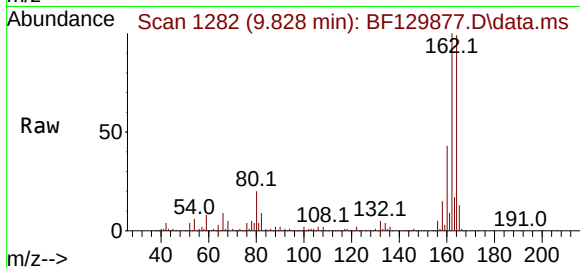
Tgt Ion:165 Resp: 42727

Ion Ratio Lower Upper

165 100

63 1.1 47.8 71.8#

89 1.7 47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 6.423 ng

RT: 9.828 min Scan# 1282

Delta R.T. -0.212 min

Lab File: BF129877.D

Acq: 18 Aug 2022 15:50

Tgt Ion:165 Resp: 42727

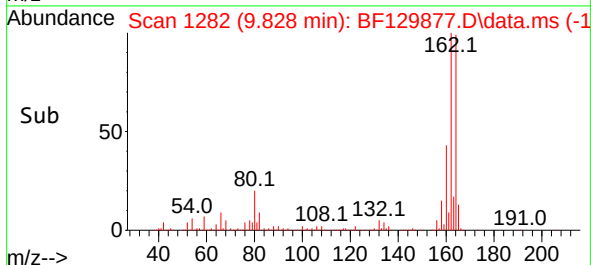
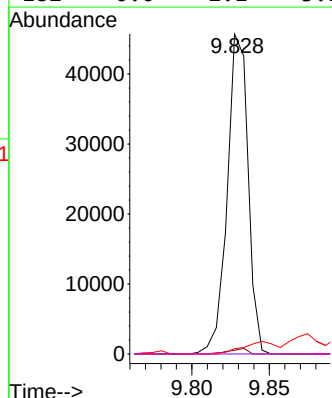
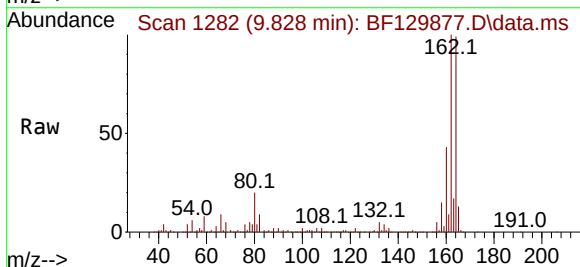
Ion Ratio Lower Upper

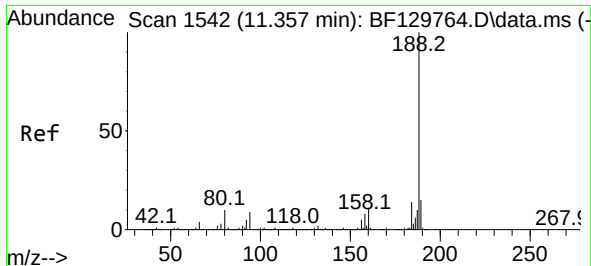
165 100

63 1.1 48.4 72.6#

89 1.7 62.3 93.5#

182 0.0 2.1 3.1#

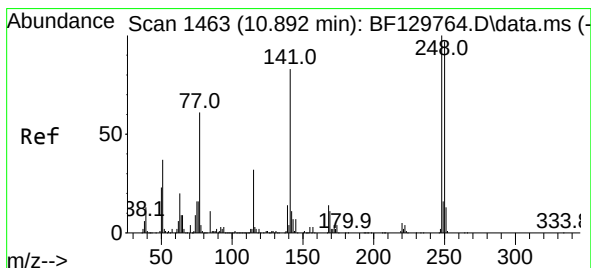
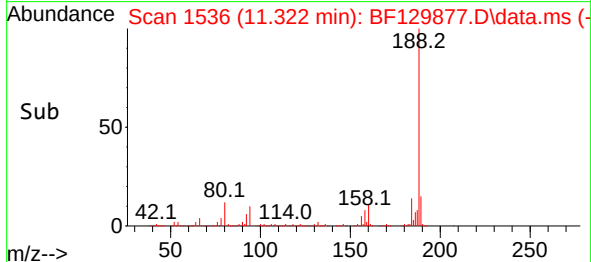
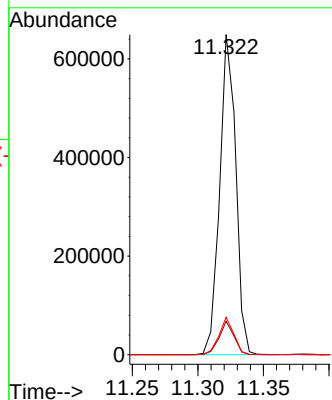
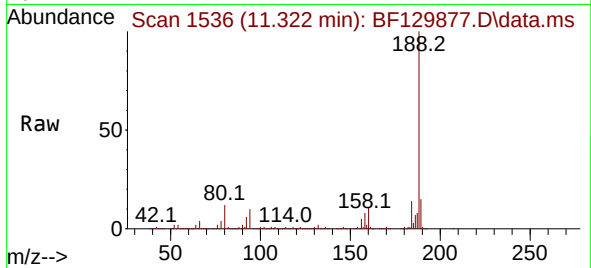




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129877.D
Acq: 18 Aug 2022 15:50

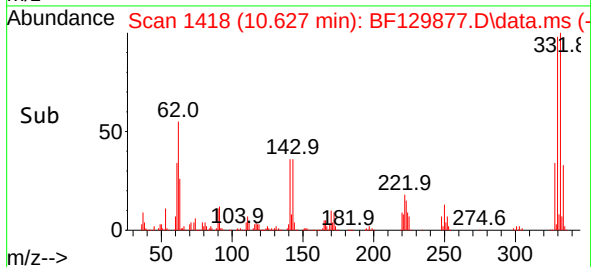
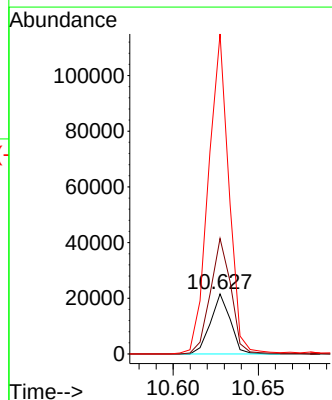
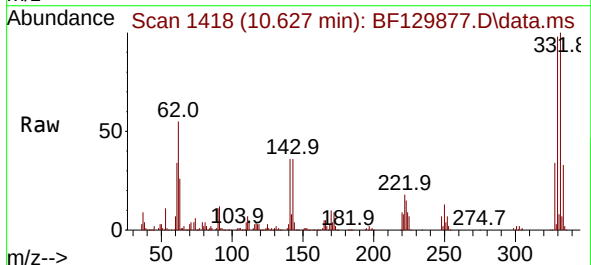
Instrument :
BNA_F
ClientSampleId :
WC-GW-1

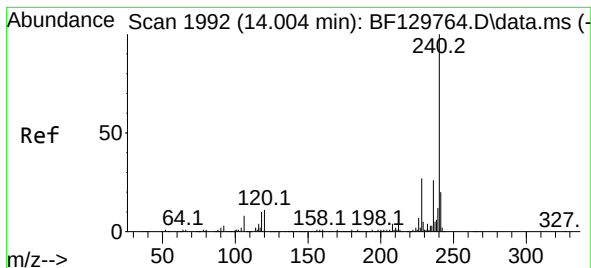
Tgt Ion:188 Resp: 552217
Ion Ratio Lower Upper
188 100
94 10.4 7.4 11.2
80 11.7 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 2.685 ng
RT: 10.627 min Scan# 1418
Delta R.T. -0.235 min
Lab File: BF129877.D
Acq: 18 Aug 2022 15:50

Tgt Ion:248 Resp: 17364
Ion Ratio Lower Upper
248 100
250 192.3 77.8 116.6#
141 533.1 66.2 99.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 1992

Delta R.T. -0.006 min

Lab File: BF129877.D

Acq: 18 Aug 2022 15:50

Instrument :

BNA_F

ClientSampleId :

WC-GW-1

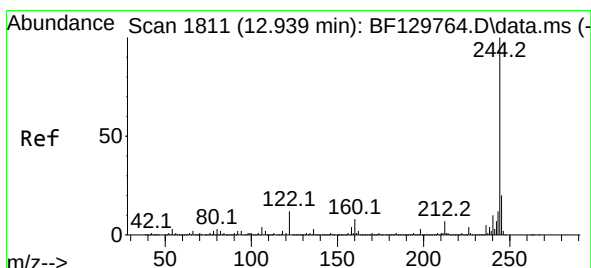
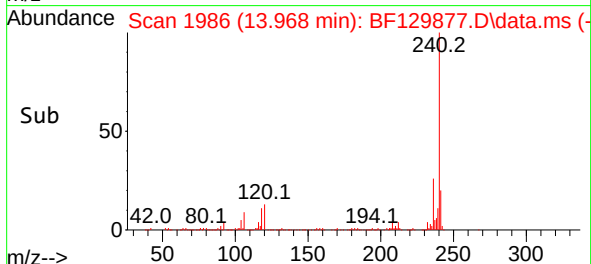
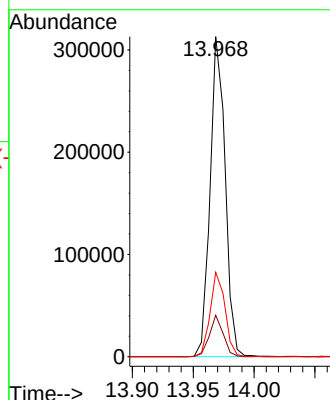
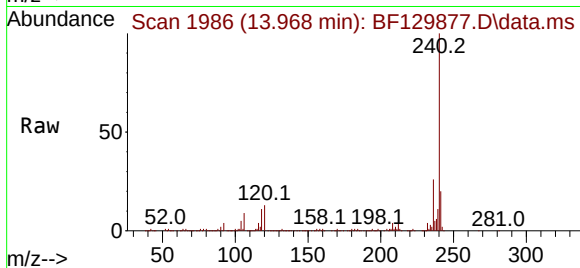
Tgt Ion:240 Resp: 269225

Ion Ratio Lower Upper

240 100

120 13.0 9.2 13.8

236 26.3 20.7 31.1



#79

Terphenyl-d14

Concen: 106.071 ng

RT: 12.910 min Scan# 1806

Delta R.T. 0.000 min

Lab File: BF129877.D

Acq: 18 Aug 2022 15:50

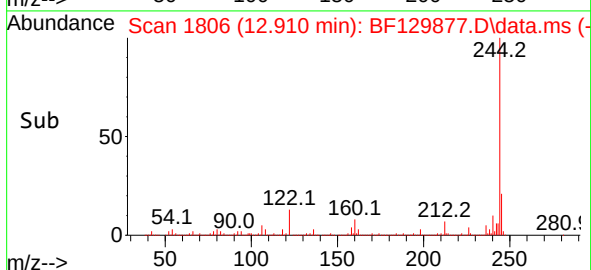
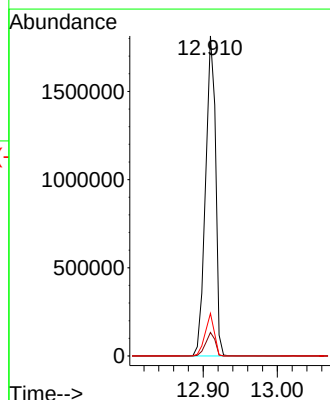
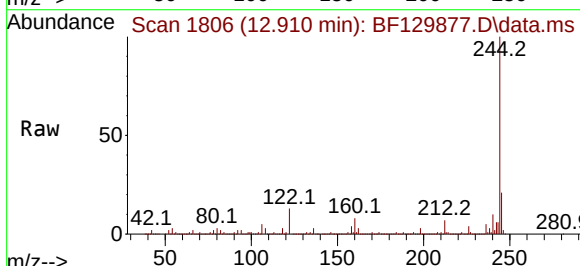
Tgt Ion:244 Resp: 1716235

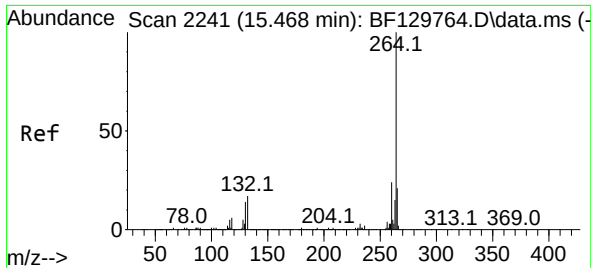
Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

122 13.3 9.9 14.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF129877.D
 Acq: 18 Aug 2022 15:50

Instrument :
 BNA_F
 ClientSampleId :
 WC-GW-1

Tgt Ion:264 Resp: 275691
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.1 28.7
 265 21.6 16.7 25.1

