

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061722\
 Data File : BF128851.D
 Acq On : 17 Jun 2022 13:39
 Operator : CG\JU
 Sample : N3339-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-GW-20220613

Quant Time: Jun 18 05:05:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 14 14:53:53 2022
 Response via : Initial Calibration

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

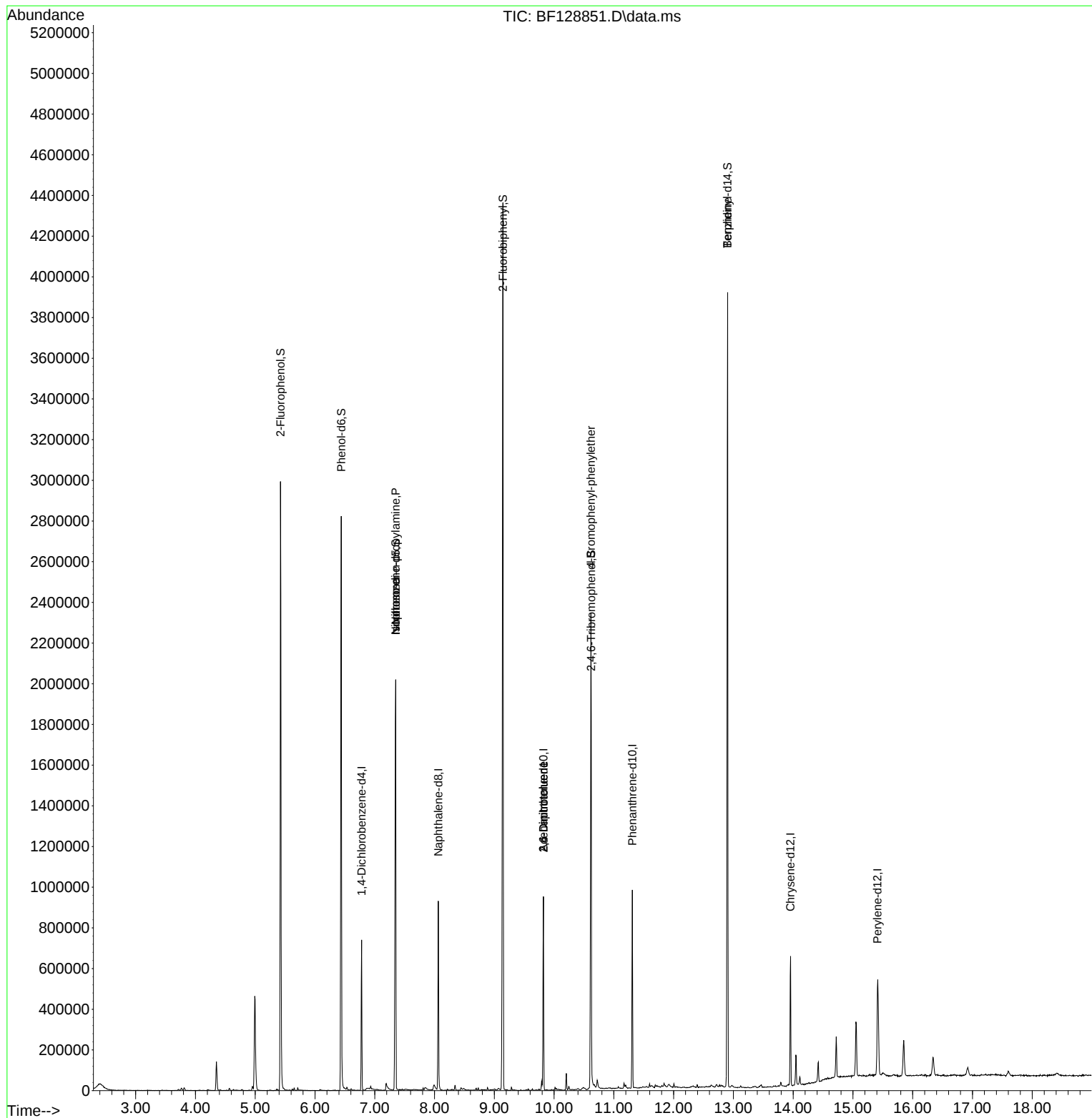
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	93873	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	356489	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	181335	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	328409	20.000	ng	# 0.00
76) Chrysene-d12	13.957	240	216159	20.000	ng	# 0.00
86) Perylene-d12	15.409	264	162384	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	715247	121.363	ng	0.00
7) Phenol-d6	6.439	99	839585	116.706	ng	0.00
23) Nitrobenzene-d5	7.351	82	711399	92.911	ng	0.00
42) 2,4,6-Tribromophenol	10.621	330	294294	137.356	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1345811	103.963	ng	0.00
79) Terphenyl-d14	12.904	244	1346261	108.222	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.351	70	99573	22.261	ng	# 75
25) Isophorone	7.351	82	710377	61.087	ng	# 65
51) 2,6-Dinitrotoluene	9.822	165	23433	9.565	ng	# 26
57) 2,4-Dinitrotoluene	9.822	165	23433	7.168	ng	# 21
67) 4-Bromophenyl-phenylether	10.616	248	19067	5.206	ng	# 1
77) Benzidine	12.904	184	19372	4.496	ng	# 94

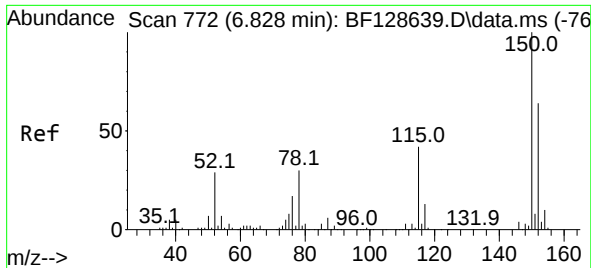
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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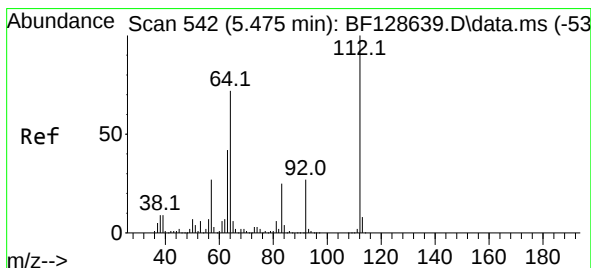
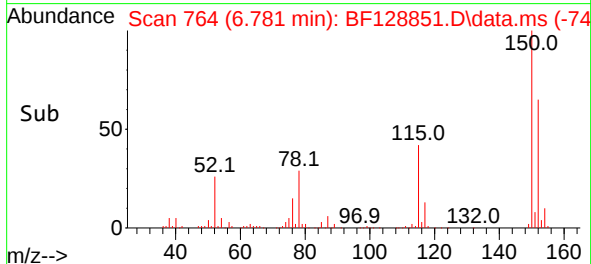
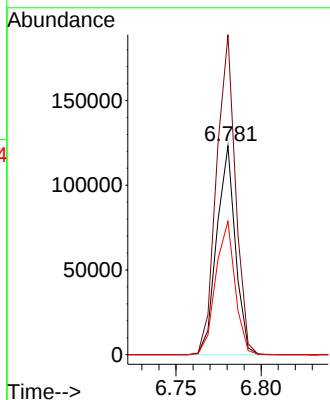
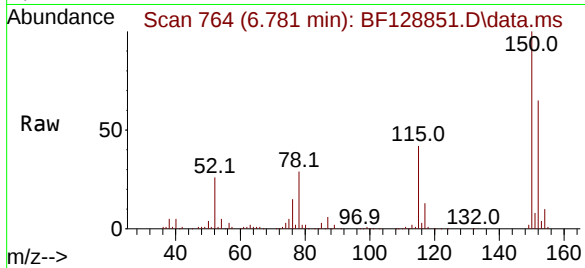




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 772
 Delta R.T. -0.000 min
 Lab File: BF128851.D
 Acq: 17 Jun 2022 13:39

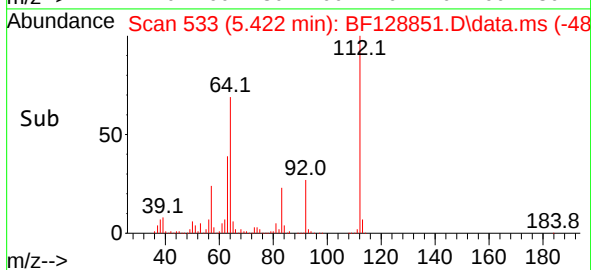
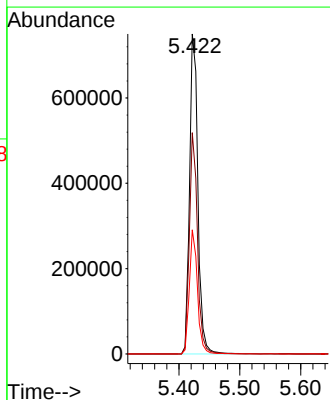
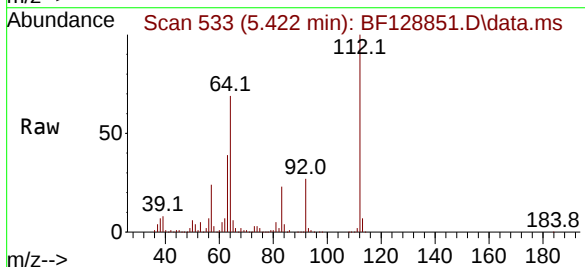
Instrument :
 BNA_F
 ClientSampleId :
 WC-GW-20220613

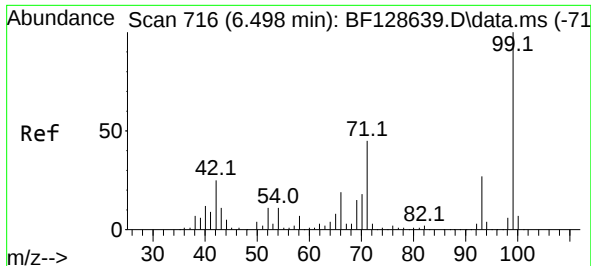
Tgt Ion:152 Resp: 93873
 Ion Ratio Lower Upper
 152 100
 150 153.3 123.7 185.5
 115 63.9 49.9 74.9



#5
 2-Fluorophenol
 Concen: 121.363 ng
 RT: 5.422 min Scan# 533
 Delta R.T. 0.006 min
 Lab File: BF128851.D
 Acq: 17 Jun 2022 13:39

Tgt Ion:112 Resp: 715247
 Ion Ratio Lower Upper
 112 100
 64 69.1 53.3 79.9
 63 38.8 28.0 42.0

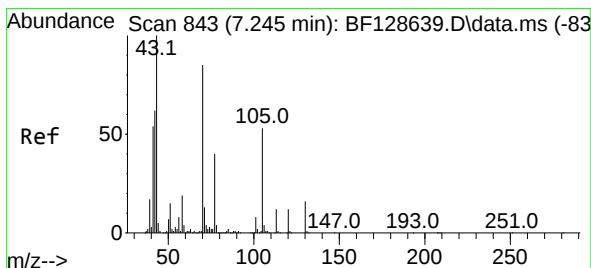
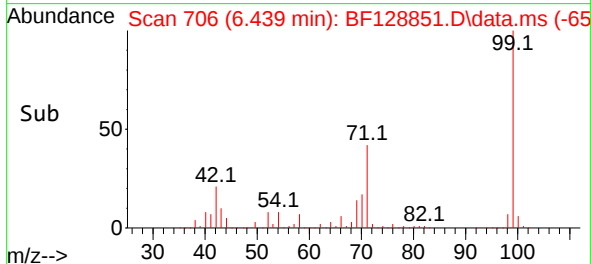
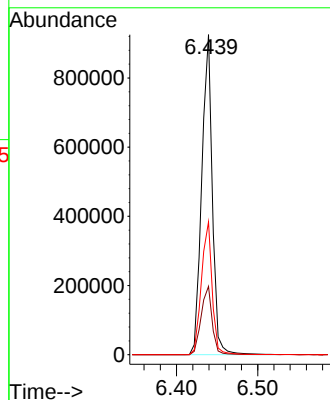
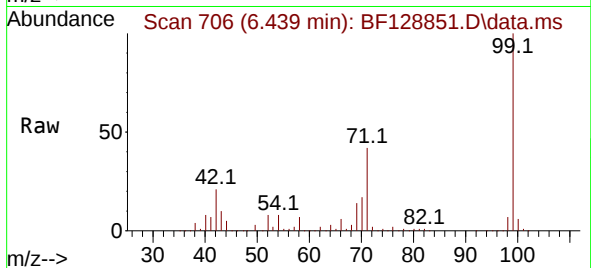




#7
Phenol-d6
Concen: 116.706 ng
RT: 6.439 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF128851.D
Acq: 17 Jun 2022 13:39

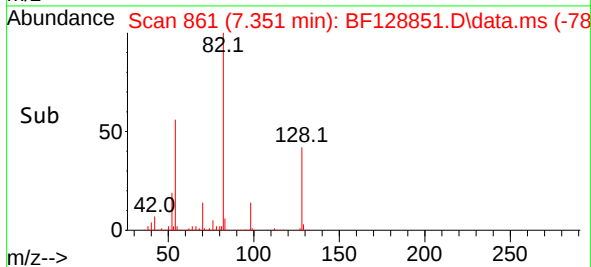
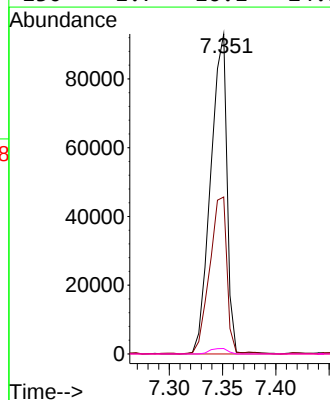
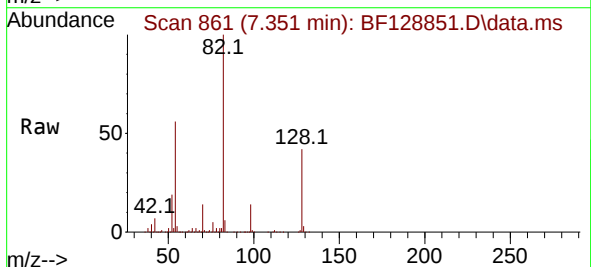
Instrument :
BNA_F
ClientSampleId :
WC-GW-20220613

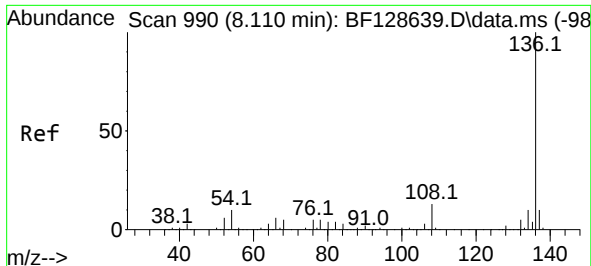
Tgt Ion: 99 Resp: 839585
Ion Ratio Lower Upper
99 100
42 21.4 17.3 25.9
71 41.5 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 22.261 ng
RT: 7.351 min Scan# 861
Delta R.T. 0.147 min
Lab File: BF128851.D
Acq: 17 Jun 2022 13:39

Tgt Ion: 70 Resp: 99573
Ion Ratio Lower Upper
70 100
42 49.1 52.3 78.5#
101 0.0 7.5 11.3#
130 1.7 16.1 24.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.063 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF128851.D

Acq: 17 Jun 2022 13:39

Instrument :

BNA_F

ClientSampleId :

WC-GW-20220613

Tgt Ion:136 Resp: 356489

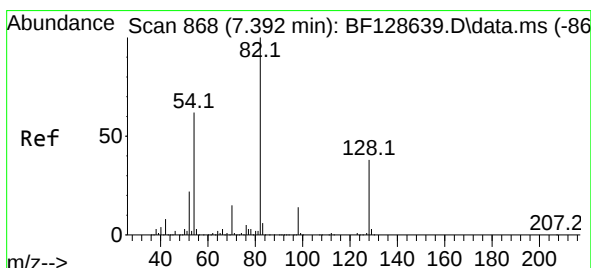
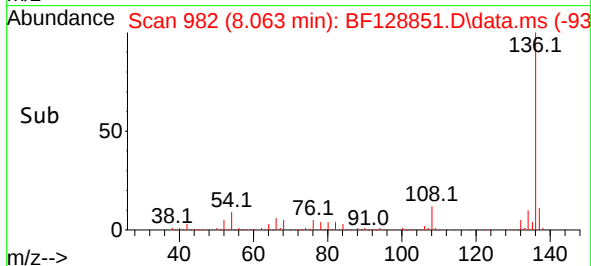
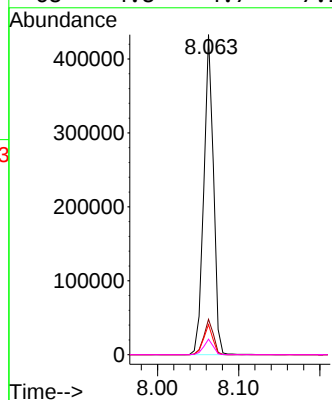
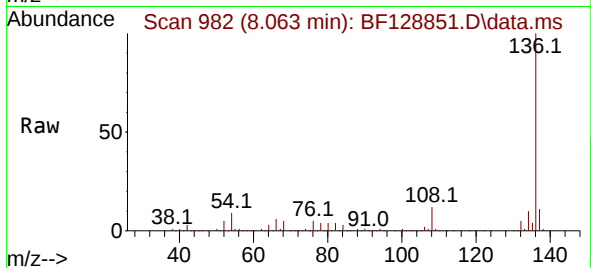
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 9.4 7.5 11.3

68 4.8 4.7 7.1



#23

Nitrobenzene-d5

Concen: 92.911 ng

RT: 7.351 min Scan# 861

Delta R.T. -0.000 min

Lab File: BF128851.D

Acq: 17 Jun 2022 13:39

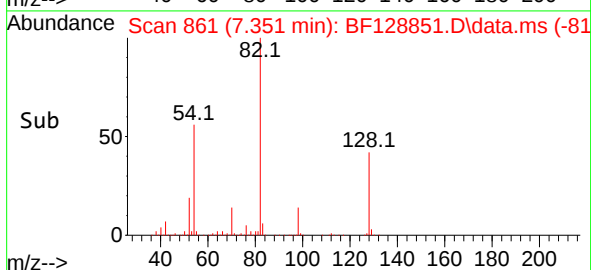
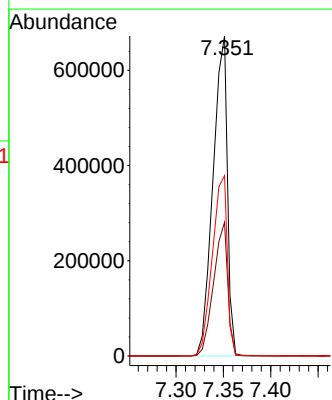
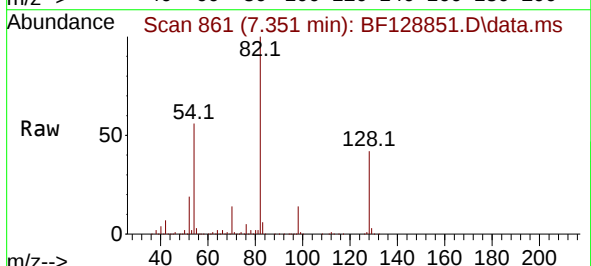
Tgt Ion: 82 Resp: 711399

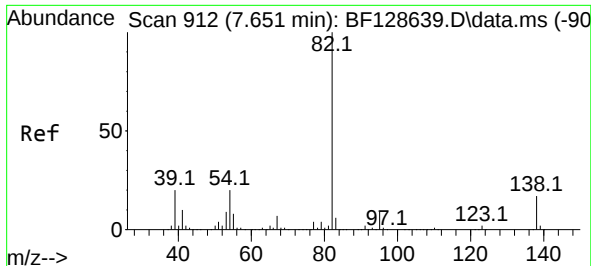
Ion Ratio Lower Upper

82 100

128 41.7 34.0 51.0

54 56.4 46.9 70.3

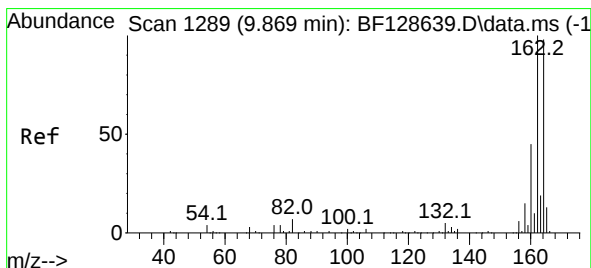
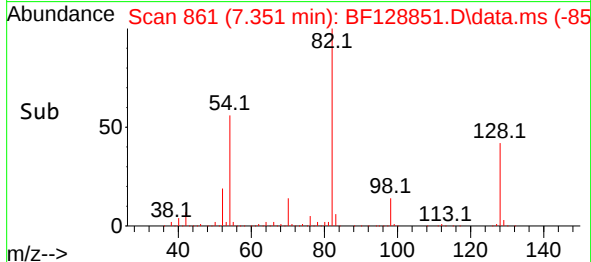
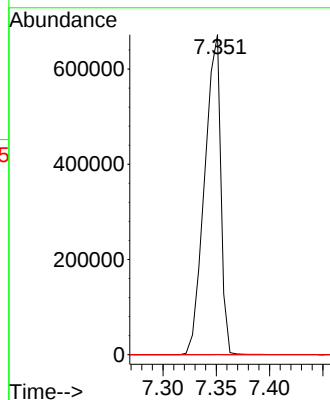
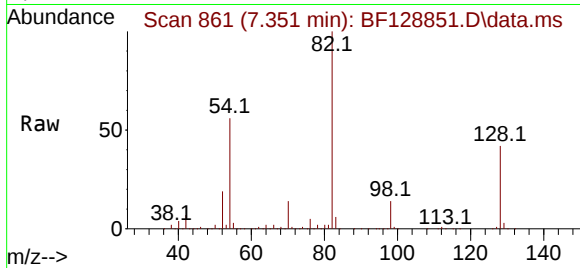




#25
Isophorone
Concen: 61.087 ng
RT: 7.351 min Scan# 80
Delta R.T. -0.259 min
Lab File: BF128851.D
Acq: 17 Jun 2022 13:39

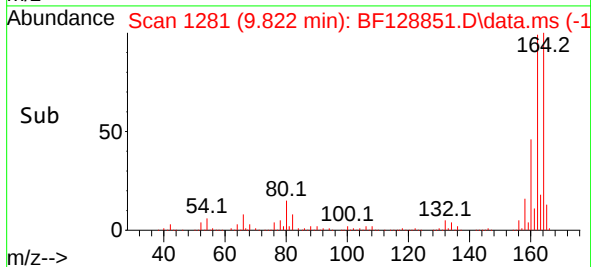
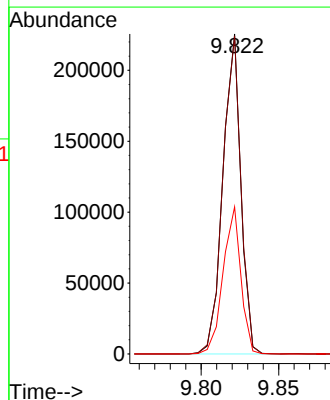
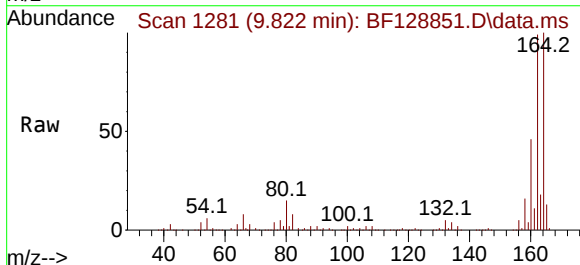
Instrument :
BNA_F
ClientSampleId :
WC-GW-20220613

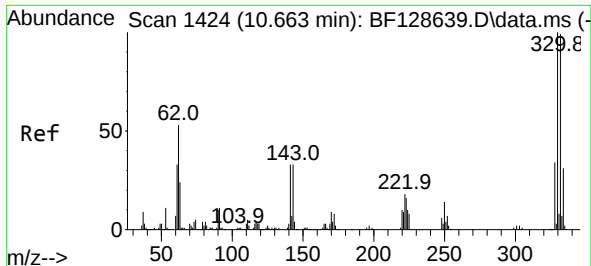
Tgt Ion: 82 Resp: 710377
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF128851.D
Acq: 17 Jun 2022 13:39

Tgt Ion:164 Resp: 181335
Ion Ratio Lower Upper
164 100
162 99.4 79.5 119.3
160 45.9 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 137.356 ng

RT: 10.621 min Scan# 1424

Delta R.T. -0.000 min

Lab File: BF128851.D

Acq: 17 Jun 2022 13:39

Instrument :

BNA_F

ClientSampleId :

WC-GW-20220613

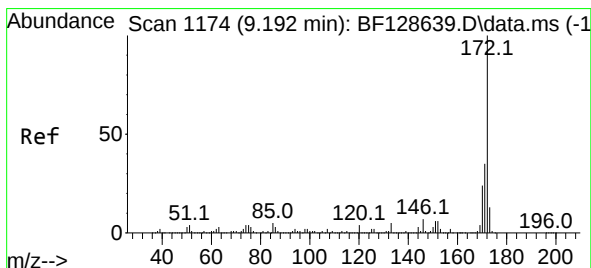
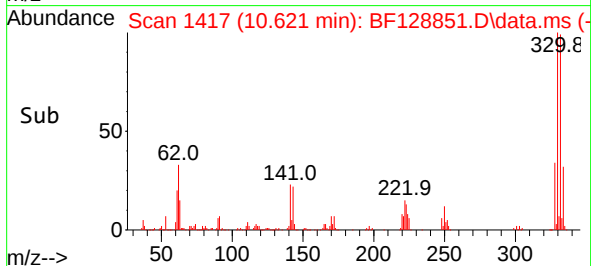
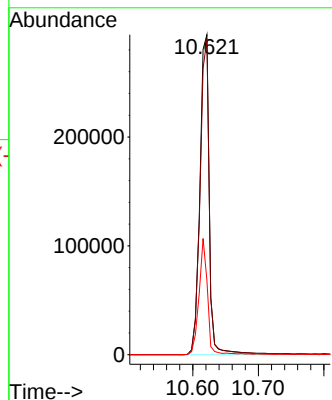
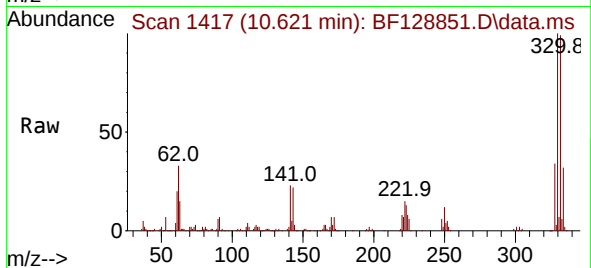
Tgt Ion:330 Resp: 294294

Ion Ratio Lower Upper

330 100

332 96.2 76.8 115.2

141 32.8 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 103.963 ng

RT: 9.145 min Scan# 1166

Delta R.T. -0.000 min

Lab File: BF128851.D

Acq: 17 Jun 2022 13:39

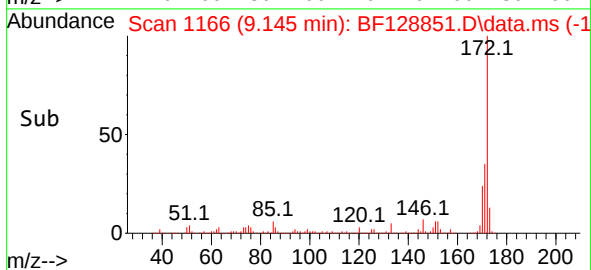
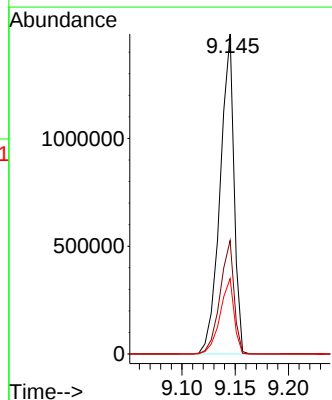
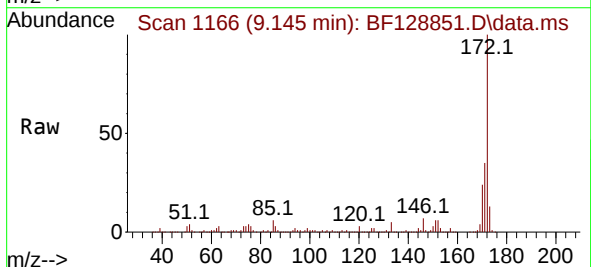
Tgt Ion:172 Resp: 1345811

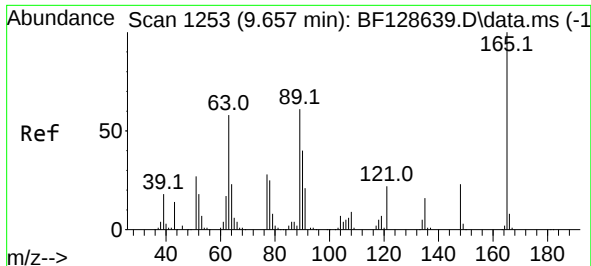
Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 23.5 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 9.565 ng

RT: 9.822 min Scan# 1281

Delta R.T. 0.206 min

Lab File: BF128851.D

Acq: 17 Jun 2022 13:39

Instrument :

BNA_F

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WC-GW-20220613

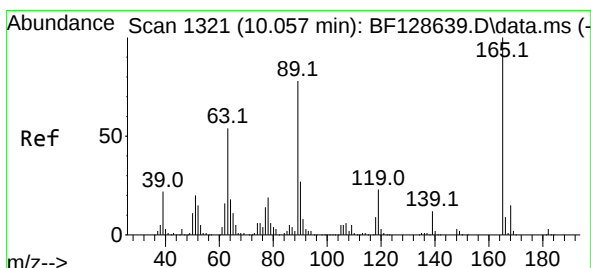
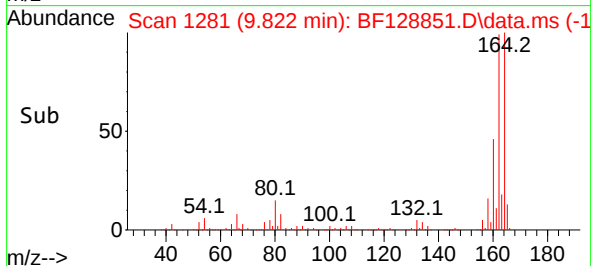
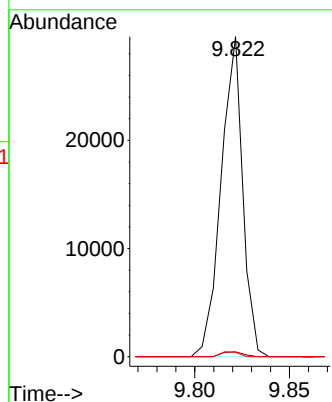
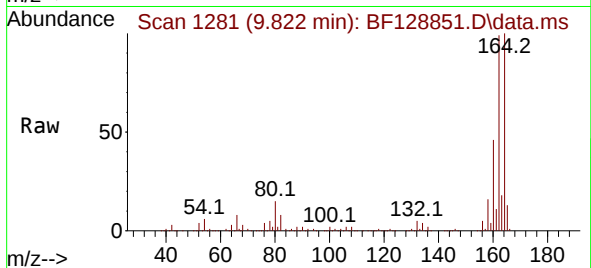
Tgt Ion:165 Resp: 23433

Ion Ratio Lower Upper

165 100

63 1.5 44.9 67.3#

89 1.4 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 7.168 ng

RT: 9.822 min Scan# 1281

Delta R.T. -0.200 min

Lab File: BF128851.D

Acq: 17 Jun 2022 13:39

Tgt Ion:165 Resp: 23433

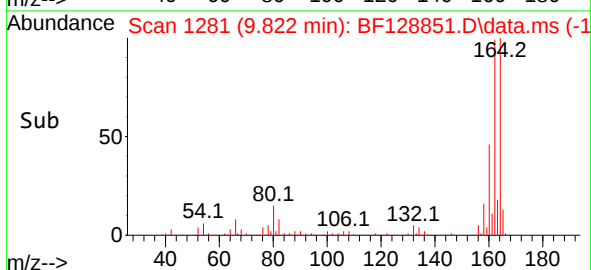
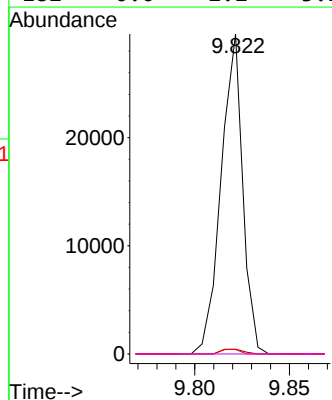
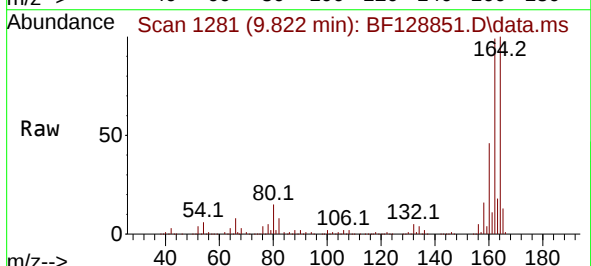
Ion Ratio Lower Upper

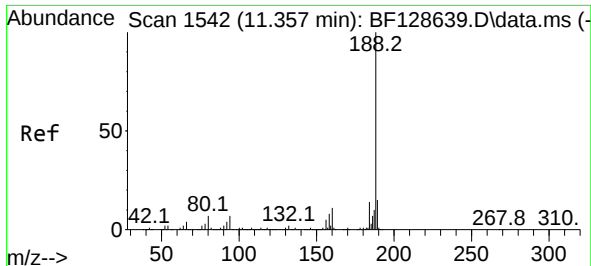
165 100

63 1.5 39.8 59.6#

89 1.4 60.2 90.2#

182 0.0 2.2 3.2#

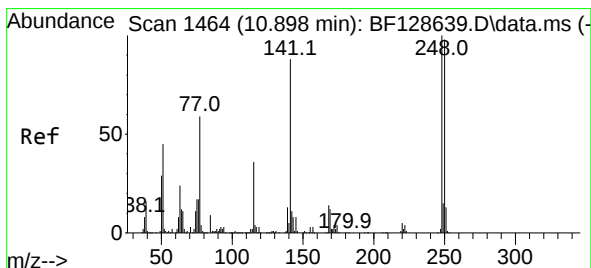
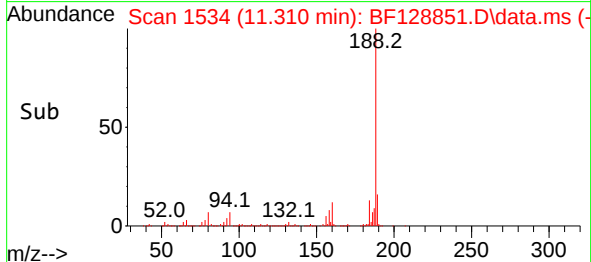
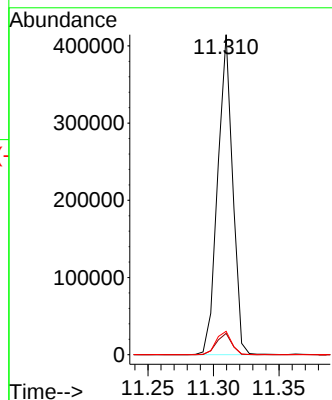
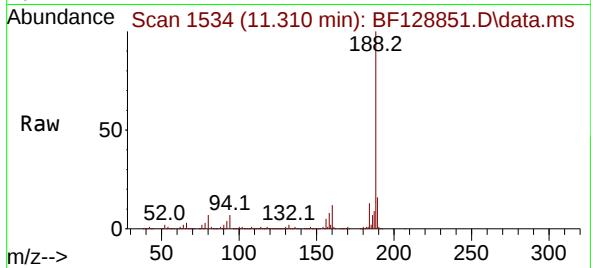




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128851.D
Acq: 17 Jun 2022 13:39

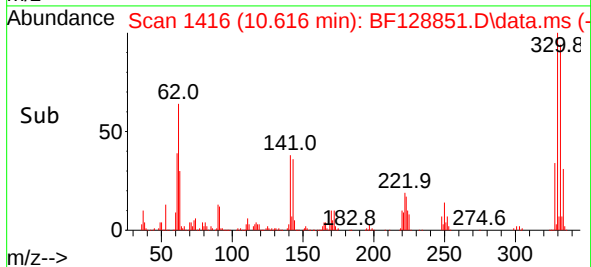
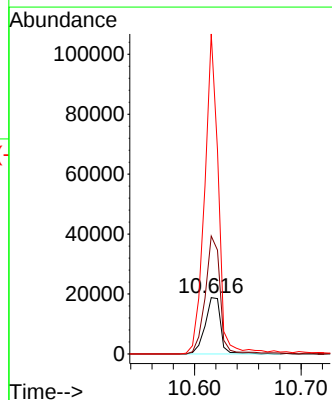
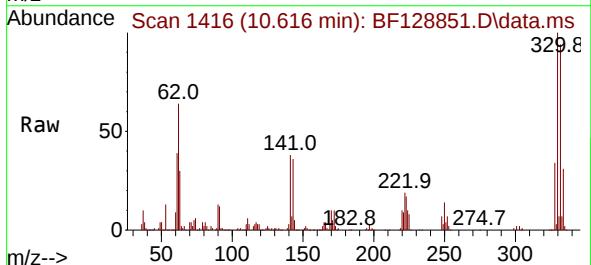
Instrument :
BNA_F
ClientSampleId :
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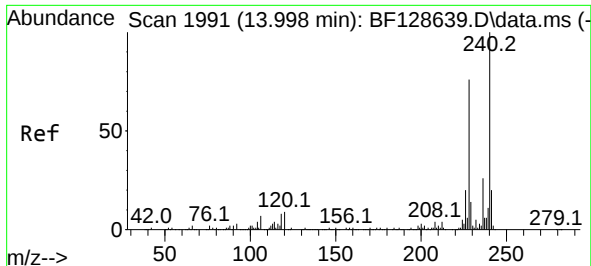
Tgt Ion:188 Resp: 328409
Ion Ratio Lower Upper
188 100
94 6.6 7.0 10.6#
80 7.3 7.6 11.4#



#67
4-Bromophenyl-phenylether
Concen: 5.206 ng
RT: 10.616 min Scan# 1416
Delta R.T. -0.241 min
Lab File: BF128851.D
Acq: 17 Jun 2022 13:39

Tgt Ion:248 Resp: 19067
Ion Ratio Lower Upper
248 100
250 209.4 80.6 120.8#
141 567.8 58.9 88.3#

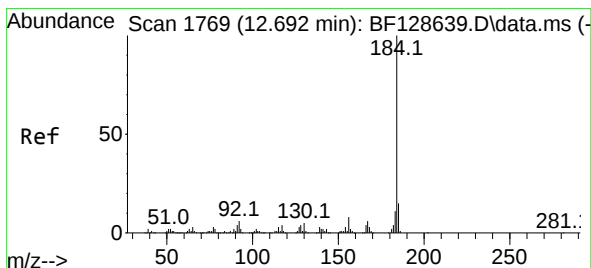
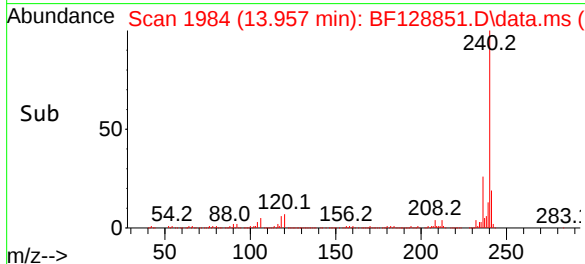
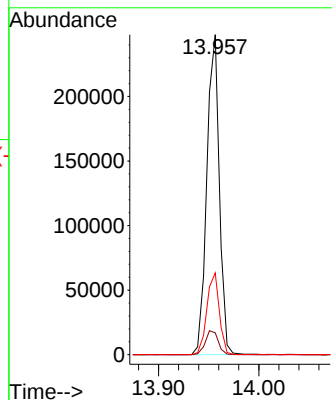
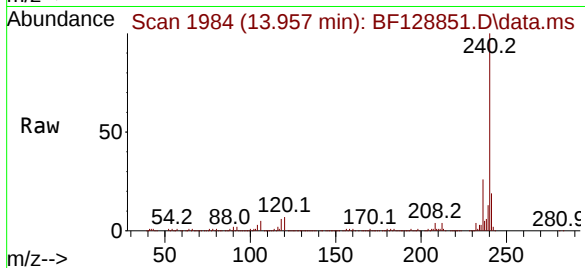




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 1805
Delta R.T. -0.006 min
Lab File: BF128851.D
Acq: 17 Jun 2022 13:39

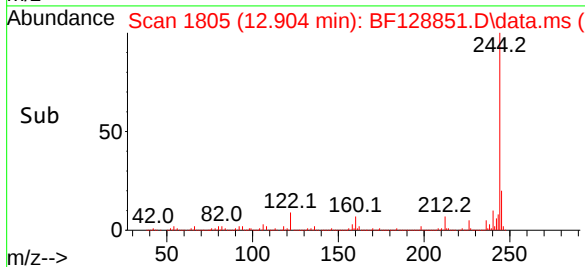
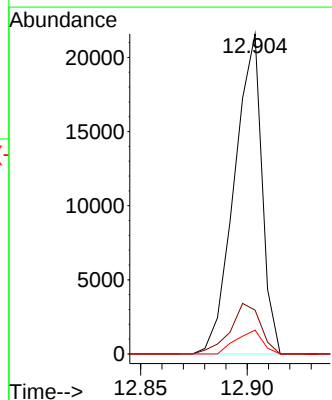
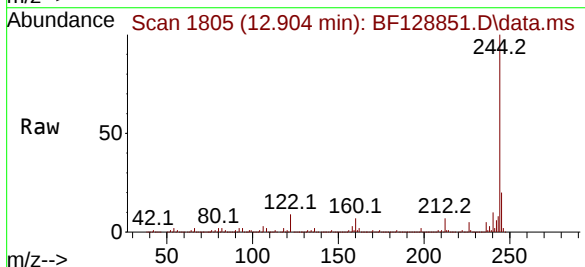
Instrument :
BNA_F
ClientSampleId :
WC-GW-20220613

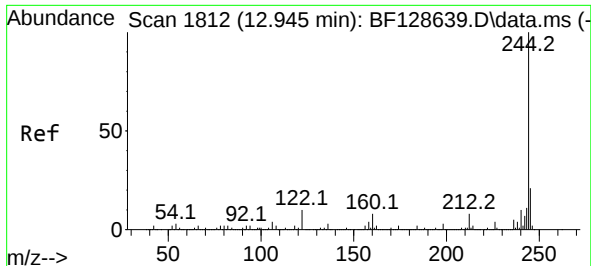
Tgt Ion:240 Resp: 216159
Ion Ratio Lower Upper
240 100
120 6.9 8.9 13.3#
236 25.5 20.8 31.2



#77
Benzidine
Concen: 4.496 ng
RT: 12.904 min Scan# 1805
Delta R.T. 0.253 min
Lab File: BF128851.D
Acq: 17 Jun 2022 13:39

Tgt Ion:184 Resp: 19372
Ion Ratio Lower Upper
184 100
185 13.7 11.9 17.9
183 7.5 9.3 13.9#

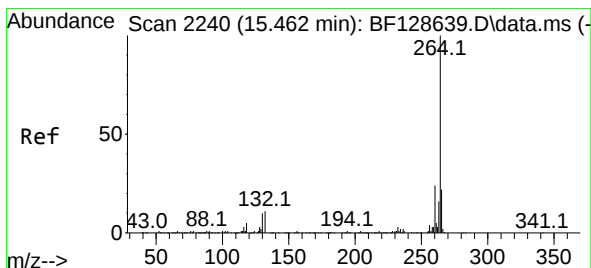
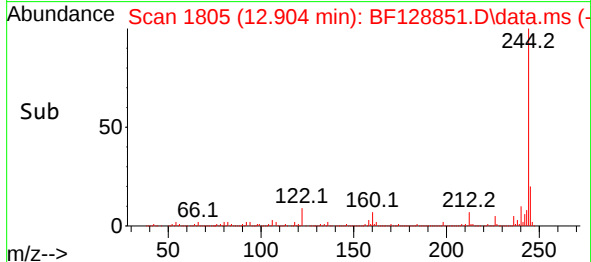
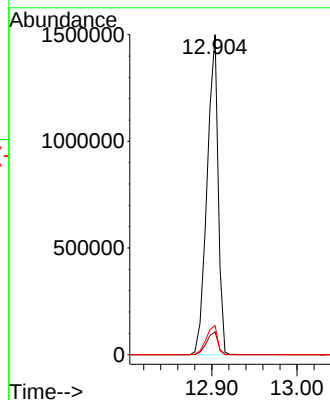
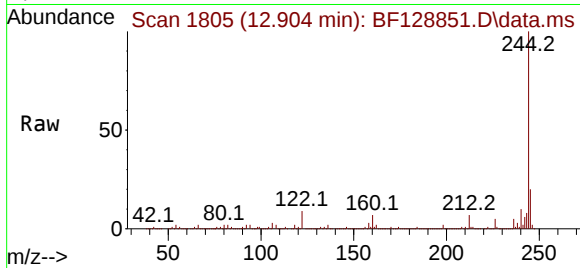




#79
 Terphenyl-d14
 Concen: 108.222 ng
 RT: 12.904 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF128851.D
 Acq: 17 Jun 2022 13:39

Instrument :
 BNA_F
 ClientSampleId :
 WC-GW-20220613

Tgt Ion:244 Resp: 1346261
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 9.1 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 2231
 Delta R.T. -0.006 min
 Lab File: BF128851.D
 Acq: 17 Jun 2022 13:39

Tgt Ion:264 Resp: 162384
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.4 27.6
 265 21.7 17.2 25.8

