

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081922\
 Data File : BF129906.D
 Acq On : 19 Aug 2022 11:56
 Operator : CG\JU
 Sample : N4200-19RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-GW-1RE

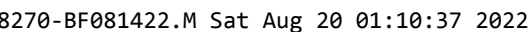
Quant Time: Aug 20 01:10:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 18 12:03:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	119108	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	457909	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	229479	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	356469	20.000	ng	0.00
76) Chrysene-d12	13.968	240	223064	20.000	ng	0.00
86) Perylene-d12	15.433	264	269242	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	282693	39.297	ng	0.00
7) Phenol-d6	6.451	99	210991	23.421	ng	0.00
23) Nitrobenzene-d5	7.363	82	735988	86.041	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	178064	77.313	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1310347	86.725	ng	0.00
79) Terphenyl-d14	12.910	244	1154886	86.148	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.363	77	165	Below Cal	#	36
19) n-Nitroso-di-n-propyla...	7.363	70	98139	17.235	ng	# 76
25) Isophorone	7.363	82	735979	49.990	ng	# 65
32) Benzoic acid	7.886	122	871	2.570	ng	# 69
51) 2,6-Dinitrotoluene	9.833	165	29529	8.275	ng	# 23
57) 2,4-Dinitrotoluene	9.833	165	29529	6.374	ng	# 18
67) 4-Bromophenyl-phenylether	10.627	248	10862	2.602	ng	# 1
70) Pentachlorophenol	11.151	266	155	5.289	ng	# 20
77) Benzidine	12.657	184	723	Below Cal	#	1

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

Quant Time: Aug 20 01:10:24 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
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QLast Update : Thu Aug 18 12:03:10 2022
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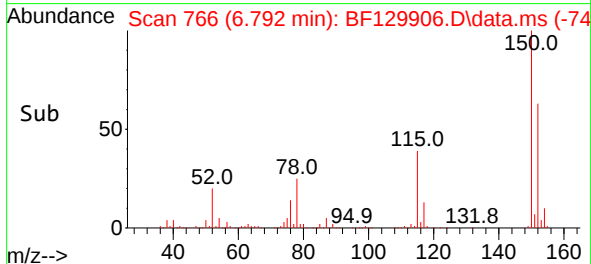
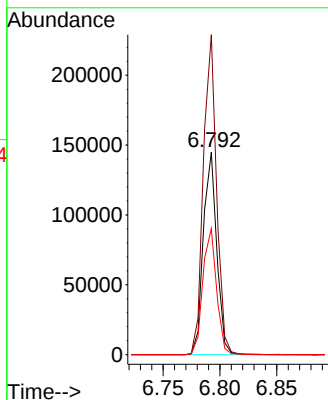
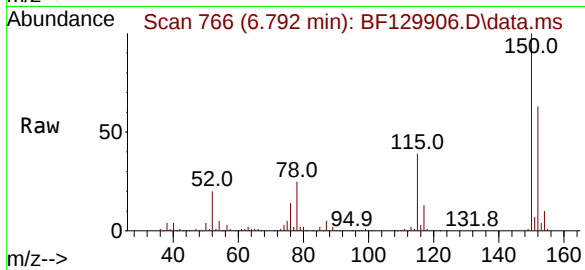




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF129906.D
 Acq: 19 Aug 2022 11:56

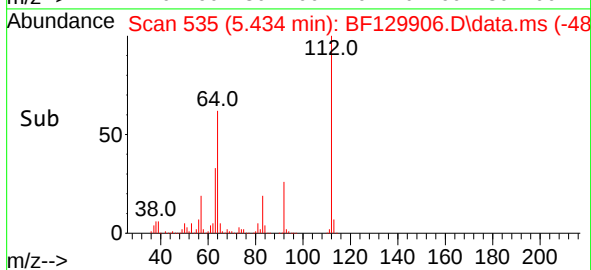
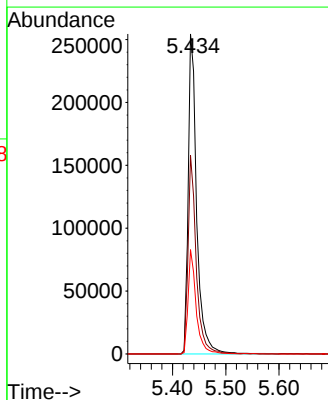
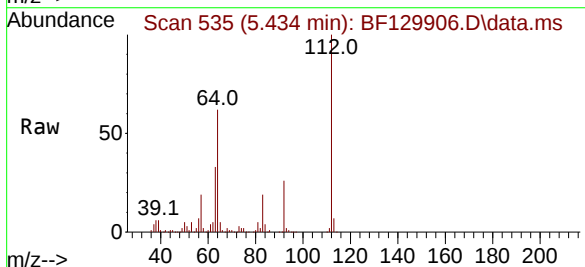
Instrument :
 BNA_F
 ClientSampleId :
 WC-GW-1RE

Tgt Ion:152 Resp: 119108
 Ion Ratio Lower Upper
 152 100
 150 158.1 126.9 190.3
 115 62.3 53.4 80.0



#5
 2-Fluorophenol
 Concen: 39.297 ng
 RT: 5.434 min Scan# 535
 Delta R.T. 0.006 min
 Lab File: BF129906.D
 Acq: 19 Aug 2022 11:56

Tgt Ion:112 Resp: 282693
 Ion Ratio Lower Upper
 112 100
 64 62.0 47.6 71.4
 63 32.6 24.6 37.0

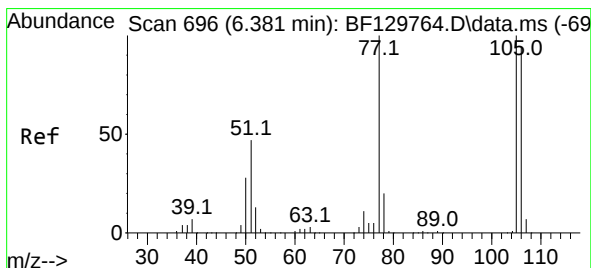
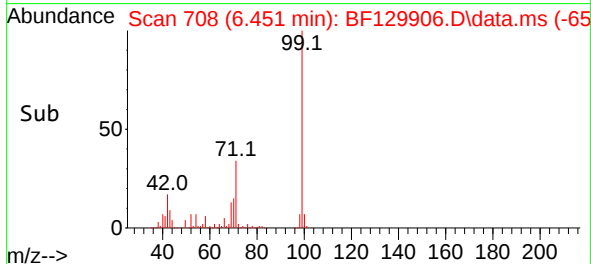
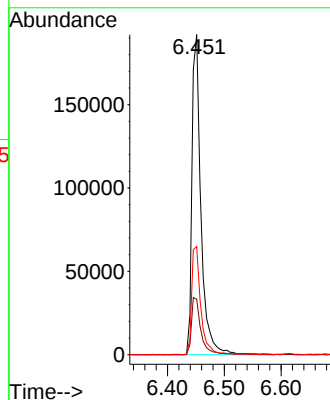
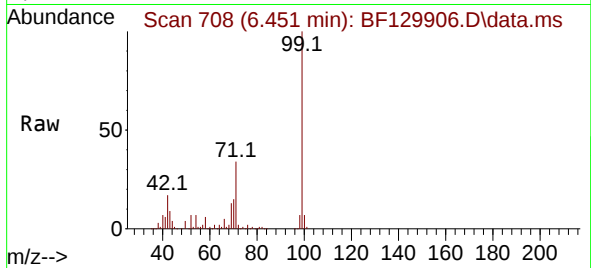




#7
Phenol-d6
Concen: 23.421 ng
RT: 6.451 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF129906.D
Acq: 19 Aug 2022 11:56

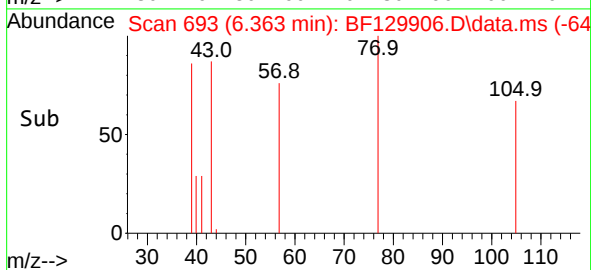
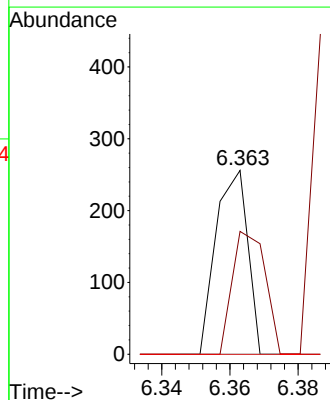
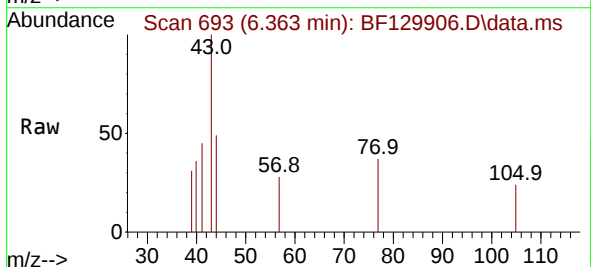
Instrument :
BNA_F
ClientSampleId :
WC-GW-1RE

Tgt Ion: 99 Resp: 210991
Ion Ratio Lower Upper
99 100
42 17.3 15.0 22.4
71 33.8 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.363 min Scan# 693
Delta R.T. 0.012 min
Lab File: BF129906.D
Acq: 19 Aug 2022 11:56

Tgt Ion: 77 Resp: 165
Ion Ratio Lower Upper
77 100
105 66.8 80.3 120.3#
106 0.0 74.3 114.3#

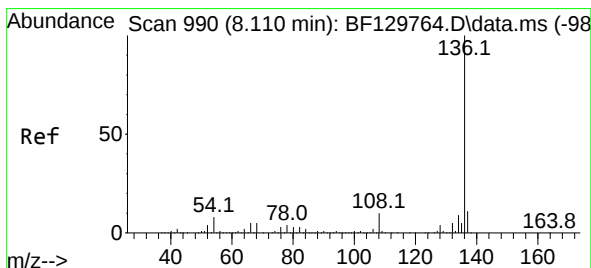
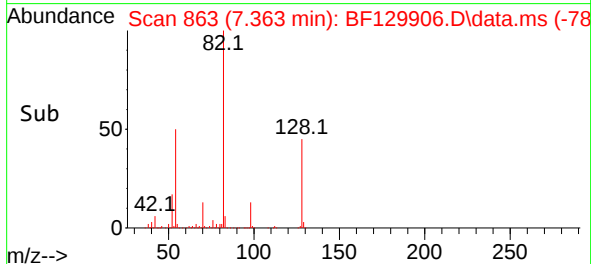
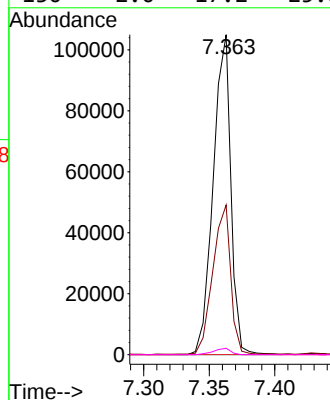
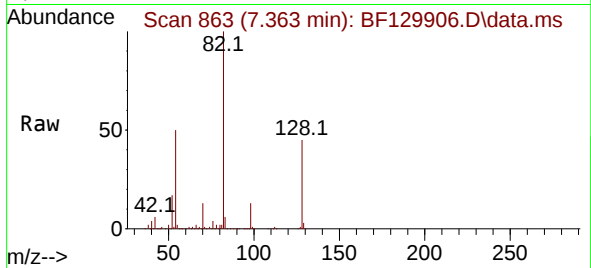




#19
n-Nitroso-di-n-propylamine
Concen: 17.235 ng
RT: 7.363 min Scan# 80
Delta R.T. 0.153 min
Lab File: BF129906.D
Acq: 19 Aug 2022 11:56

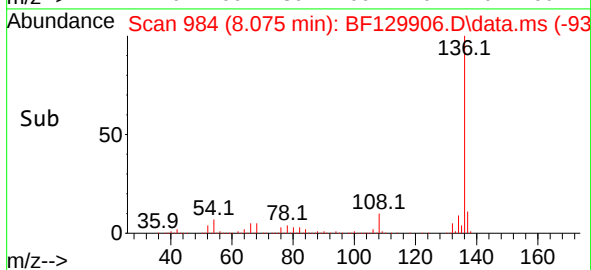
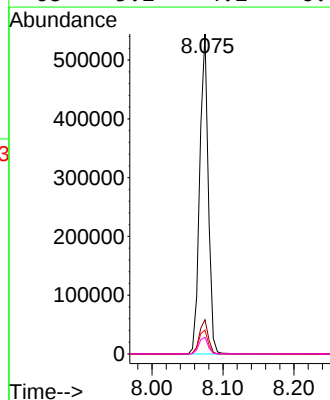
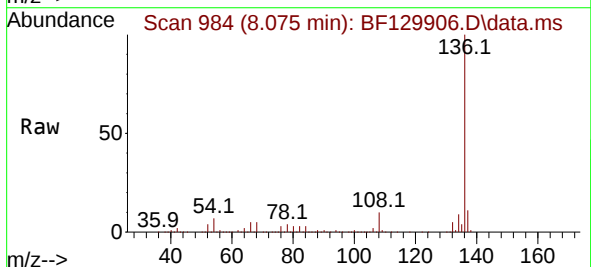
Instrument :
BNA_F
ClientSampleId :
WC-GW-1RE

Tgt Ion: 70 Resp: 98139
Ion Ratio Lower Upper
70 100
42 46.7 47.6 71.4#
101 0.0 8.1 12.1#
130 2.0 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: BF129906.D
Acq: 19 Aug 2022 11:56

Tgt Ion:136 Resp: 457909
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 7.5 6.2 9.2
68 5.2 4.2 6.4





#23

Nitrobenzene-d5

Concen: 86.041 ng

RT: 7.363 min Scan# 863

Delta R.T. -0.006 min

Lab File: BF129906.D

Acq: 19 Aug 2022 11:56

Instrument :

BNA_F

ClientSampleId :

WC-GW-1RE

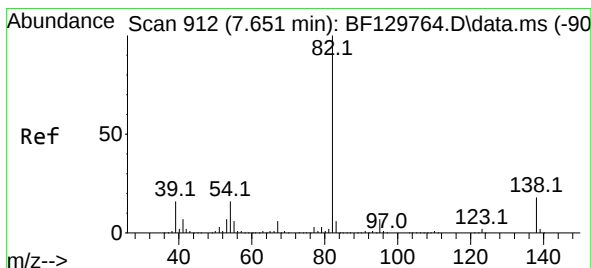
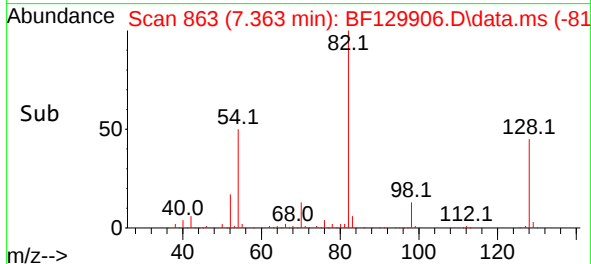
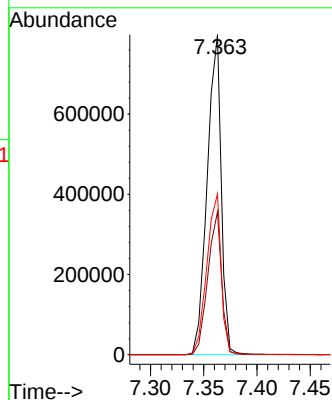
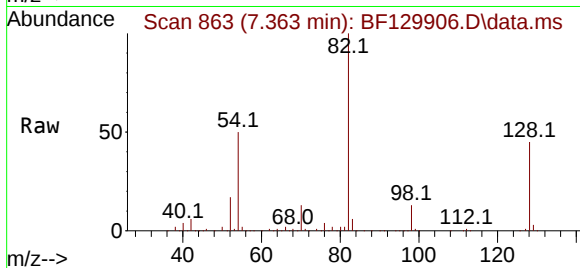
Tgt Ion: 82 Resp: 735988

Ion Ratio Lower Upper

82 100

128 44.7 36.1 54.1

54 50.2 40.0 60.0



#25

Isophorone

Concen: 49.990 ng

RT: 7.363 min Scan# 863

Delta R.T. -0.259 min

Lab File: BF129906.D

Acq: 19 Aug 2022 11:56

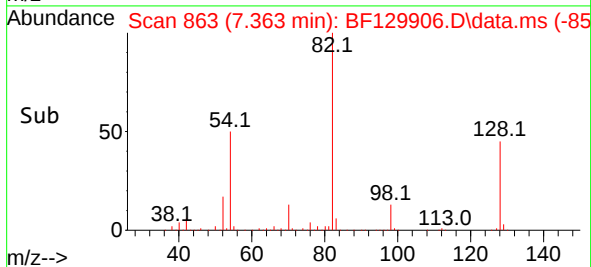
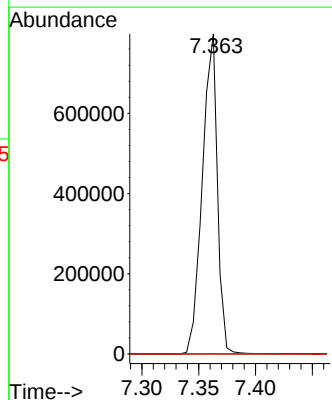
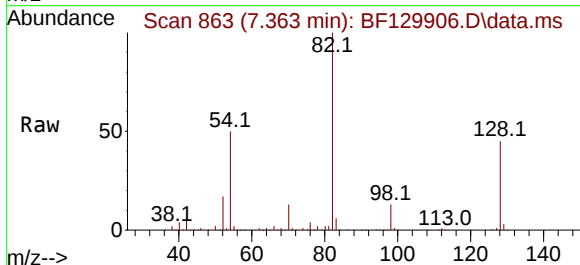
Tgt Ion: 82 Resp: 735979

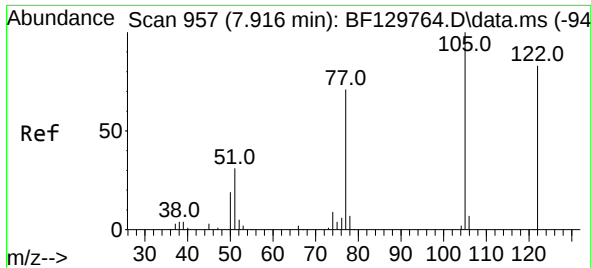
Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

138 0.0 14.6 21.8#

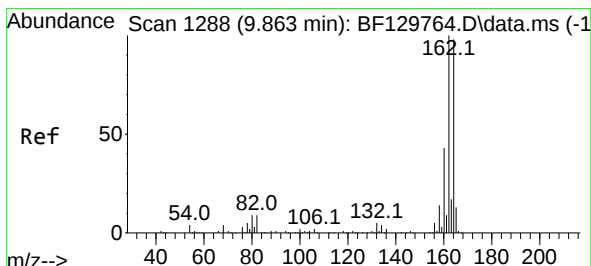
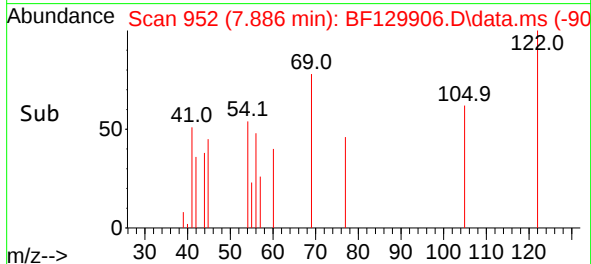
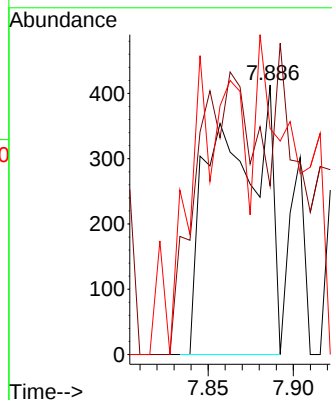
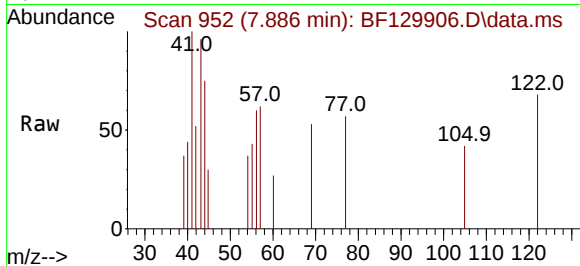




#32
Benzoic acid
Concen: 2.570 ng
RT: 7.886 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF129906.D
Acq: 19 Aug 2022 11:56

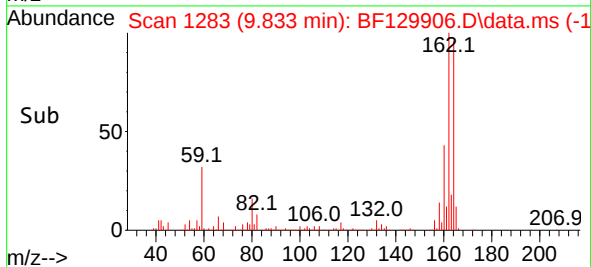
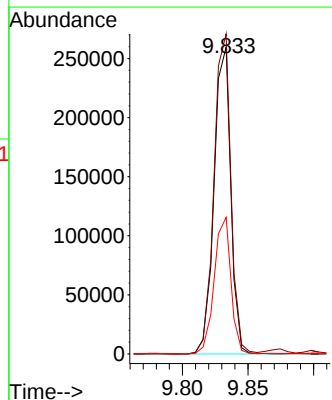
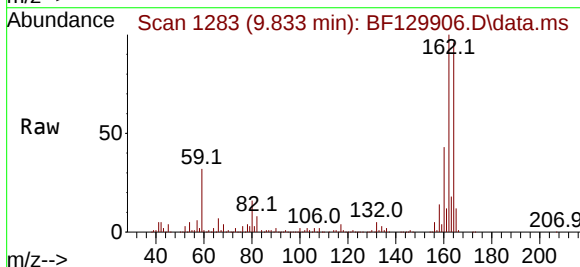
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BNA_F
ClientSampleId :
WC-GW-1RE

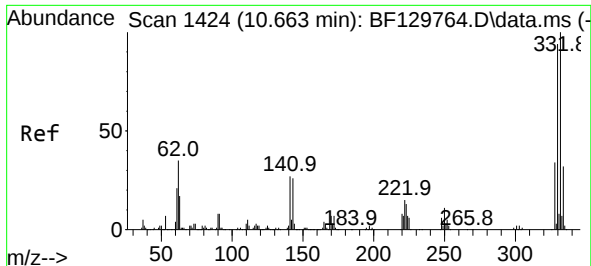
Tgt Ion:122 Resp: 871
Ion Ratio Lower Upper
122 100
105 62.5 99.9 139.9#
77 83.8 65.9 105.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BF129906.D
Acq: 19 Aug 2022 11:56

Tgt Ion:164 Resp: 229479
Ion Ratio Lower Upper
164 100
162 104.3 82.0 123.0
160 44.5 35.4 53.0

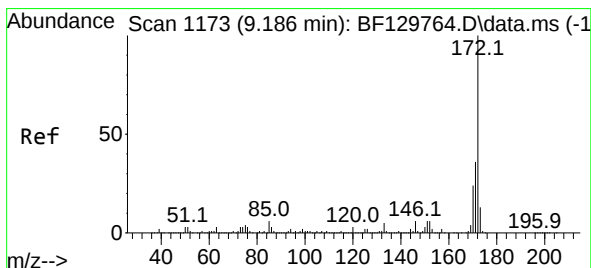
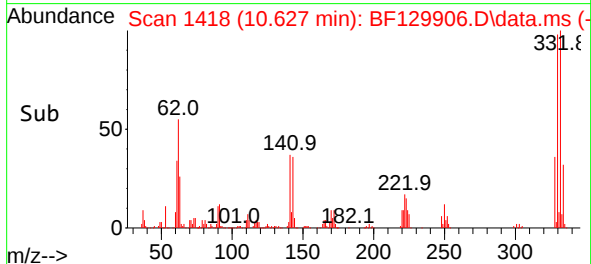
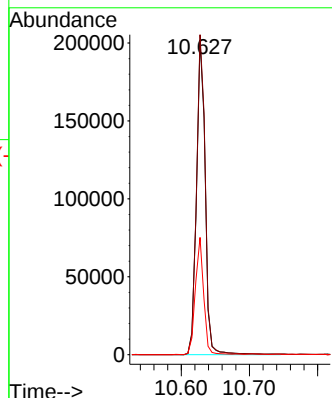
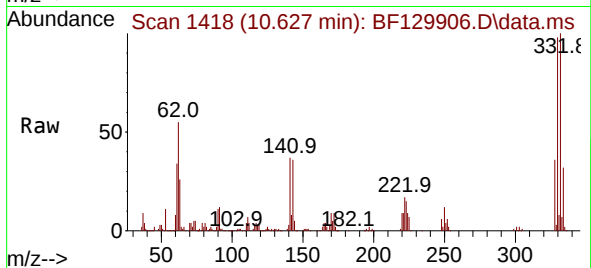




#42
2,4,6-Tribromophenol
Concen: 77.313 ng
RT: 10.627 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF129906.D
Acq: 19 Aug 2022 11:56

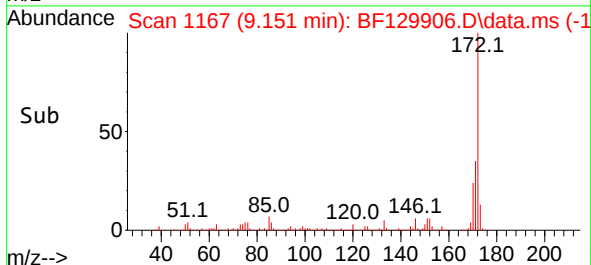
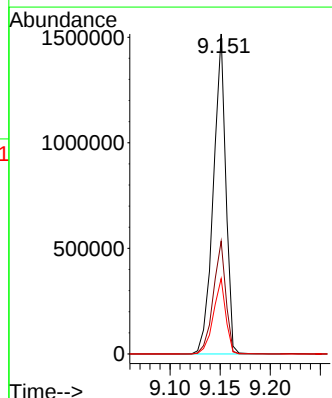
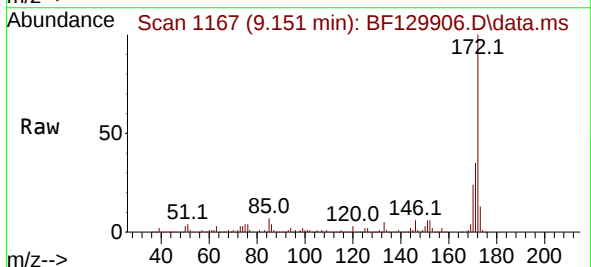
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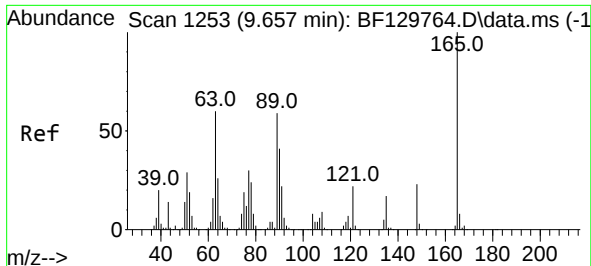
Tgt Ion:330 Resp: 178064
Ion Ratio Lower Upper
330 100
332 101.4 82.6 124.0
141 35.8 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 86.725 ng
RT: 9.151 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF129906.D
Acq: 19 Aug 2022 11:56

Tgt Ion:172 Resp: 1310347
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.6 19.1 28.7

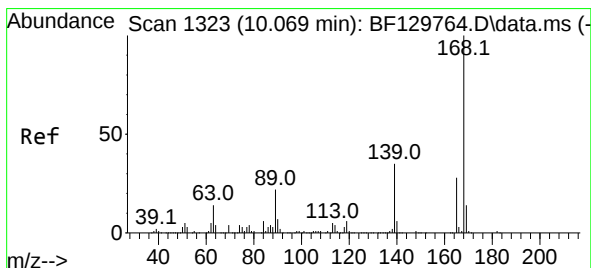
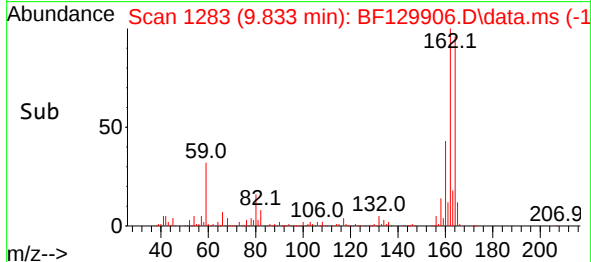
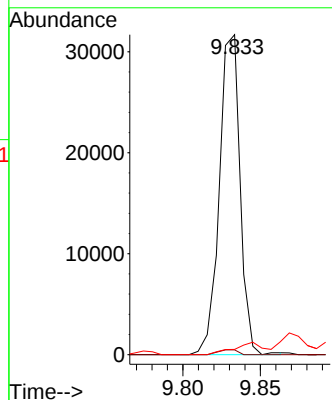
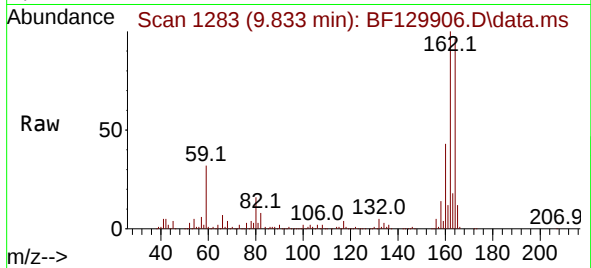




#51
2,6-Dinitrotoluene
Concen: 8.275 ng
RT: 9.833 min Scan# 1283
Delta R.T. 0.206 min
Lab File: BF129906.D
Acq: 19 Aug 2022 11:56

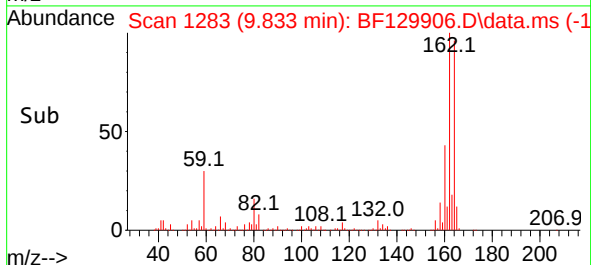
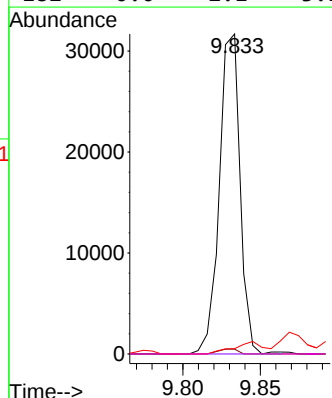
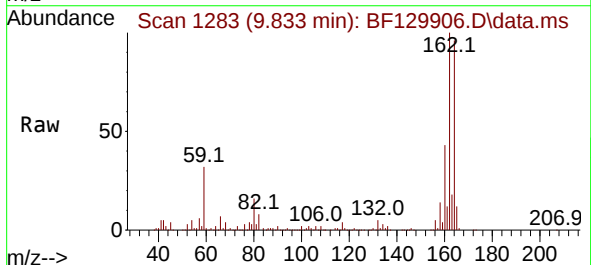
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BNA_F
ClientSampleId :
WC-GW-1RE

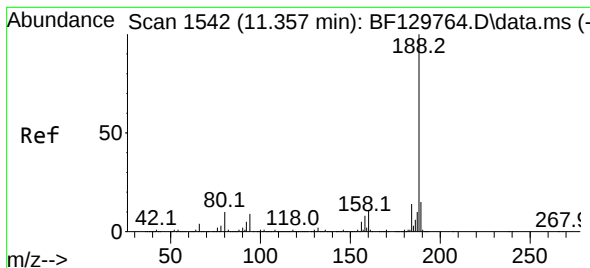
Tgt Ion:165 Resp: 29529
Ion Ratio Lower Upper
165 100
63 1.5 47.8 71.8#
89 1.6 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.374 ng
RT: 9.833 min Scan# 1283
Delta R.T. -0.206 min
Lab File: BF129906.D
Acq: 19 Aug 2022 11:56

Tgt Ion:165 Resp: 29529
Ion Ratio Lower Upper
165 100
63 1.5 48.4 72.6#
89 1.6 62.3 93.5#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.321 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF129906.D

Acq: 19 Aug 2022 11:56

Instrument :

BNA_F

ClientSampleId :

WC-GW-1RE

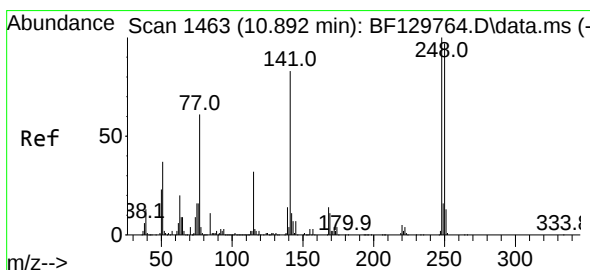
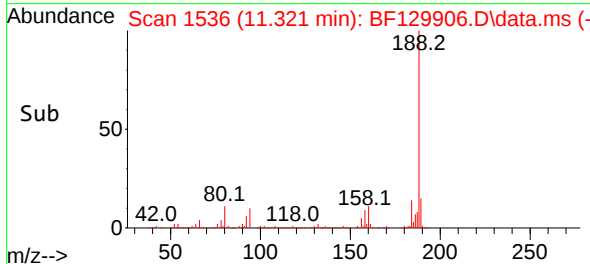
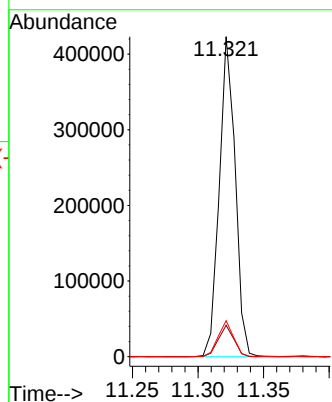
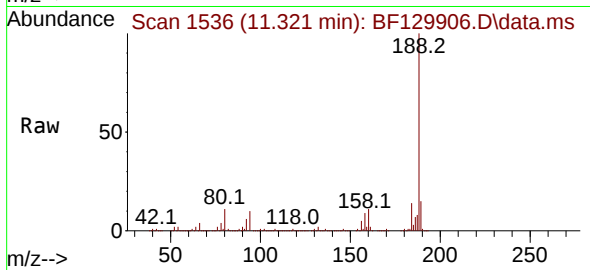
Tgt Ion:188 Resp: 356469

Ion Ratio Lower Upper

188 100

94 9.8 7.4 11.2

80 11.2 7.9 11.9



#67

4-Bromophenyl-phenylether

Concen: 2.602 ng

RT: 10.627 min Scan# 1418

Delta R.T. -0.235 min

Lab File: BF129906.D

Acq: 19 Aug 2022 11:56

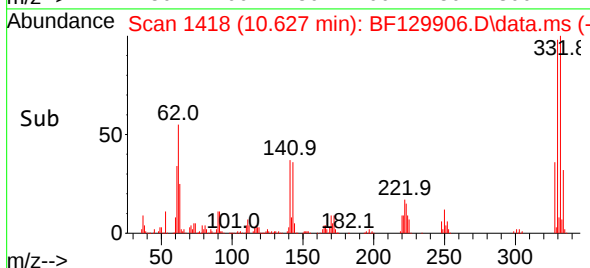
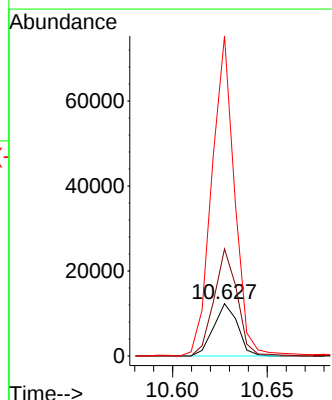
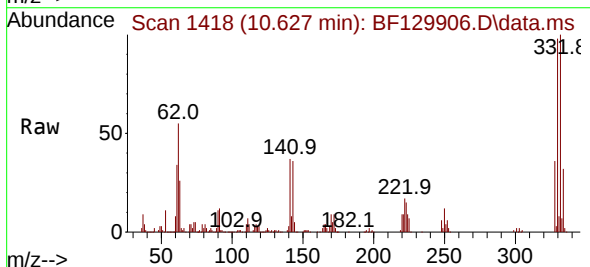
Tgt Ion:248 Resp: 10862

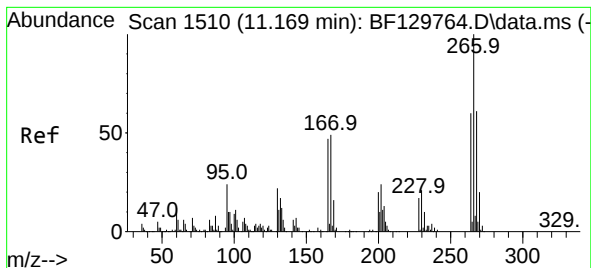
Ion Ratio Lower Upper

248 100

250 204.5 77.8 116.6#

141 610.9 66.2 99.2#





#70

Pentachlorophenol

Concen: 5.289 ng

RT: 11.151 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF129906.D

Acq: 19 Aug 2022 11:56

Instrument :

BNA_F

ClientSampleId :

WC-GW-1RE

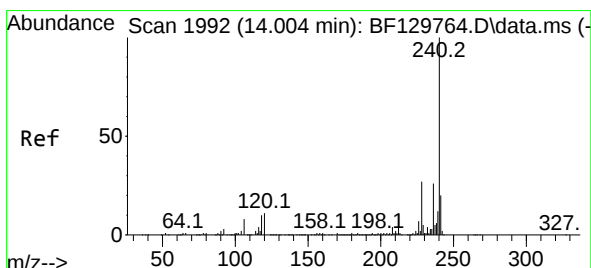
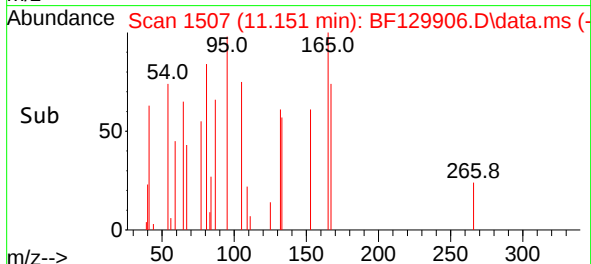
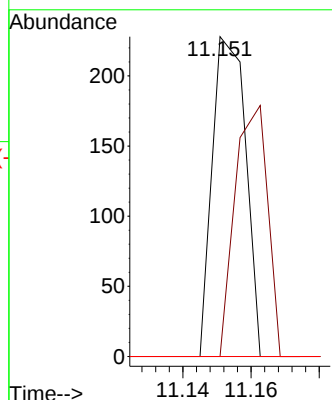
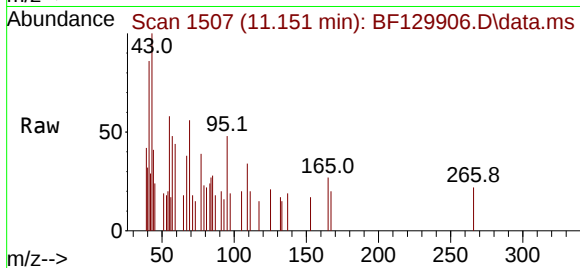
Tgt Ion:266 Resp: 155

Ion Ratio Lower Upper

266 100

268 0.0 49.0 73.4#

264 0.0 47.9 71.9#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 1986

Delta R.T. -0.006 min

Lab File: BF129906.D

Acq: 19 Aug 2022 11:56

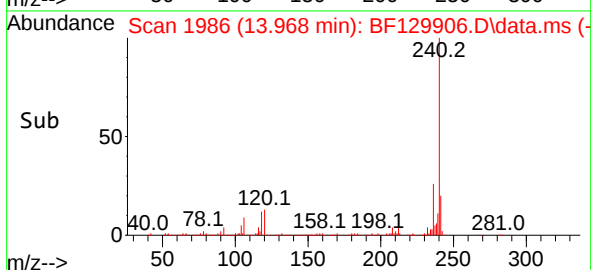
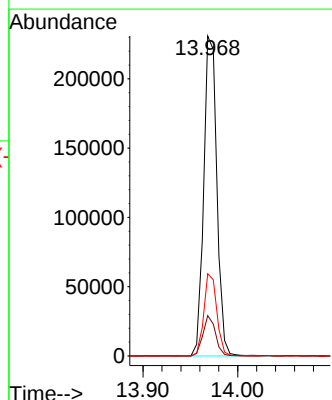
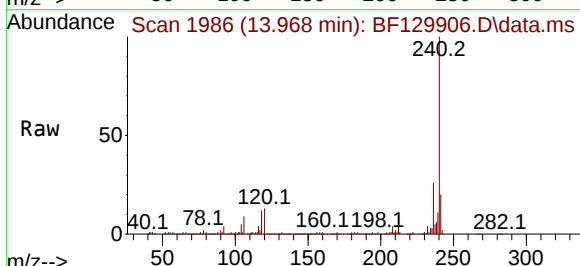
Tgt Ion:240 Resp: 223064

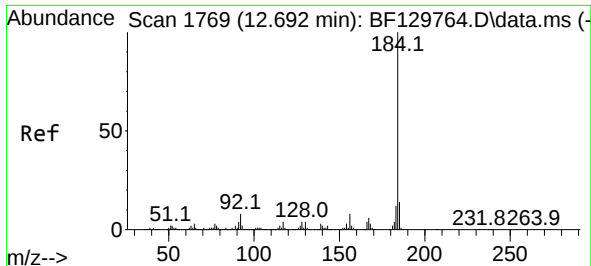
Ion Ratio Lower Upper

240 100

120 12.6 9.2 13.8

236 25.7 20.7 31.1

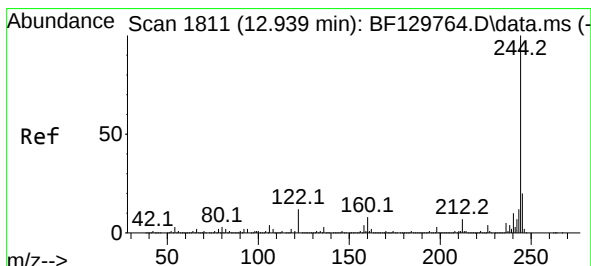
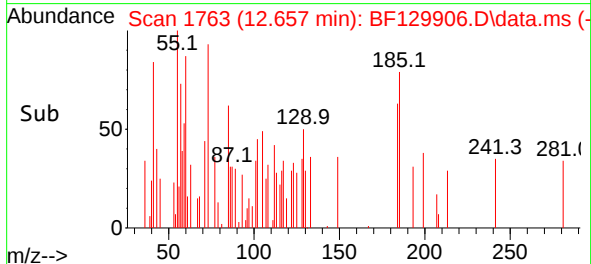
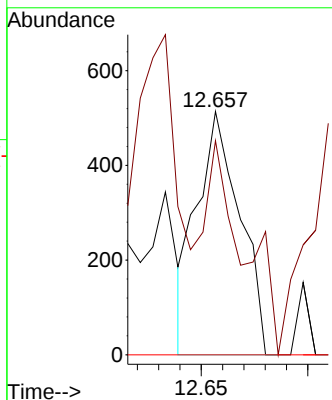
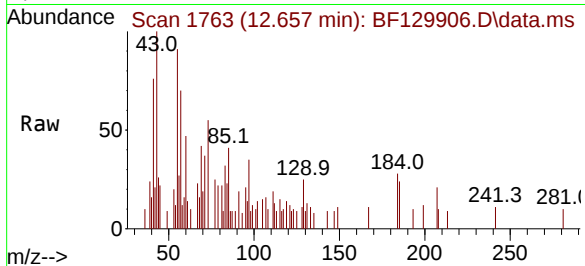




#77
Benzidine
Concen: Below Cal
RT: 12.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129906.D
Acq: 19 Aug 2022 11:56

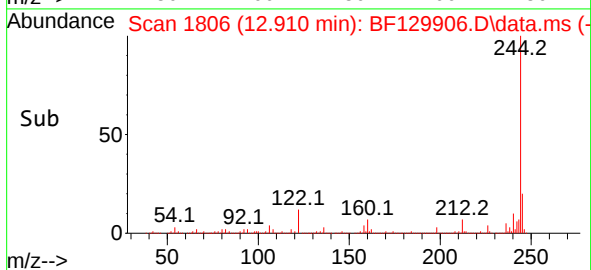
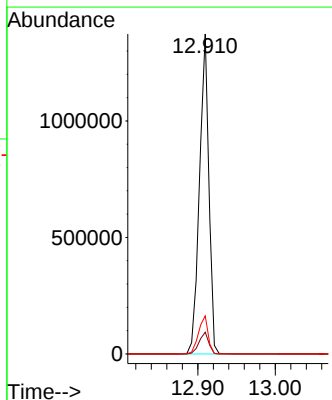
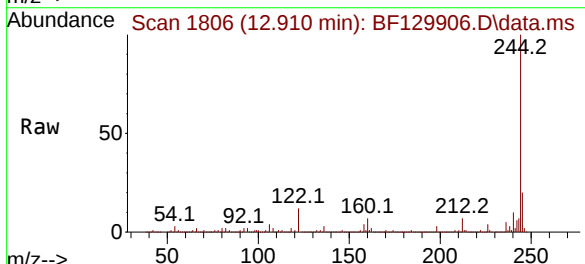
Instrument :
BNA_F
ClientSampleId :
WC-GW-1RE

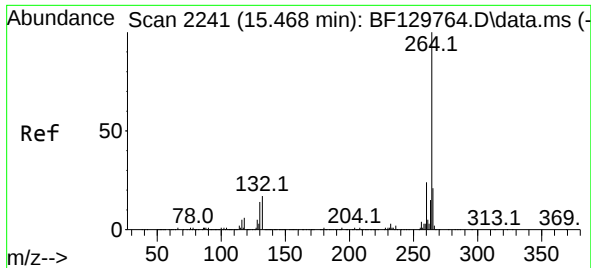
Tgt Ion:184 Resp: 723
Ion Ratio Lower Upper
184 100
185 87.9 11.4 17.2#
183 0.0 9.4 14.2#



#79
Terphenyl-d14
Concen: 86.148 ng
RT: 12.910 min Scan# 1806
Delta R.T. 0.000 min
Lab File: BF129906.D
Acq: 19 Aug 2022 11:56

Tgt Ion:244 Resp: 1154886
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 11.9 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: BF129906.D
 Acq: 19 Aug 2022 11:56

Instrument :
 BNA_F
 ClientSampleId :
 WC-GW-1RE

Tgt Ion:264 Resp: 269242
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.1 28.7
 265 21.4 16.7 25.1

