

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081722\
 Data File : BF129858.D
 Acq On : 17 Aug 2022 22:51
 Operator : CG\JU
 Sample : N4188-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S14

Quant Time: Aug 18 05:38:38 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 05:28:24 2022
 Response via : Initial Calibration

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

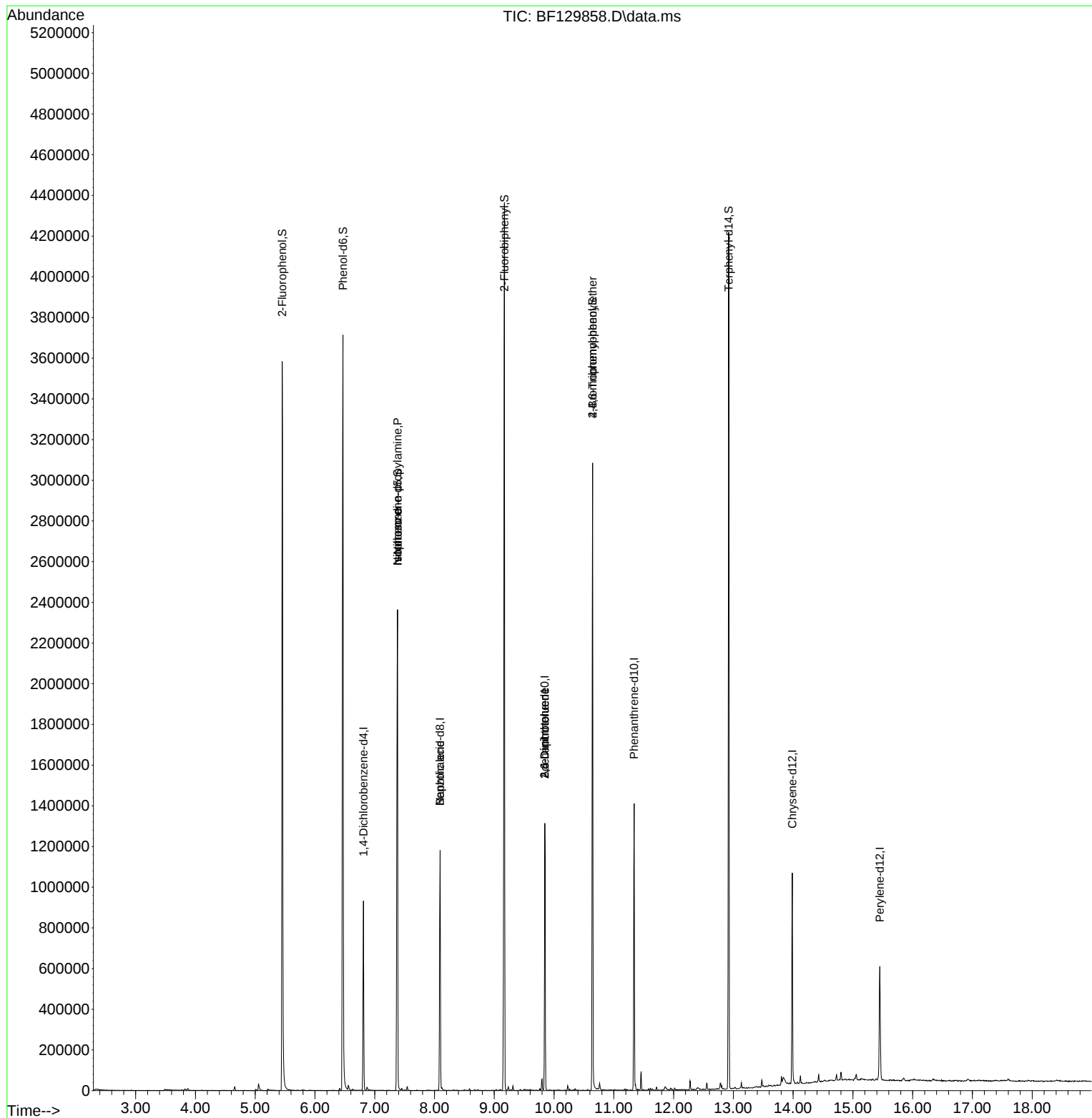
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	130221	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	528819	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	279167	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	471848	20.000	ng	0.00
76) Chrysene-d12	13.986	240	326879	20.000	ng	0.00
86) Perylene-d12	15.451	264	246078	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1040195	132.256	ng	0.00
7) Phenol-d6	6.469	99	1308470	132.850	ng	0.00
23) Nitrobenzene-d5	7.381	82	832703	84.294	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	343511	122.601	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	1367033	74.373	ng	0.00
79) Terphenyl-d14	12.922	244	1371892	69.834	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.410	77	112	Below Cal	#	16
19) n-Nitroso-di-n-propyla...	7.381	70	111301	17.878	ng	# 76
25) Isophorone	7.381	82	832805	48.981	ng	# 65
32) Benzoic acid	8.092	122	122	2.200	ng	# 1
51) 2,6-Dinitrotoluene	9.845	165	35477	8.172	ng	# 23
57) 2,4-Dinitrotoluene	9.845	165	35477	6.295	ng	# 18
67) 4-Bromophenyl-phenylether	10.645	248	21798	3.944	ng	# 1
77) Benzidine	12.922	184	18439	Below Cal	#	95

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

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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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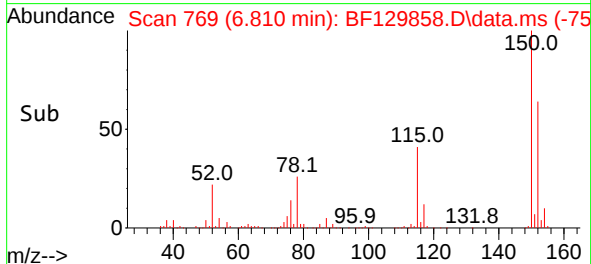
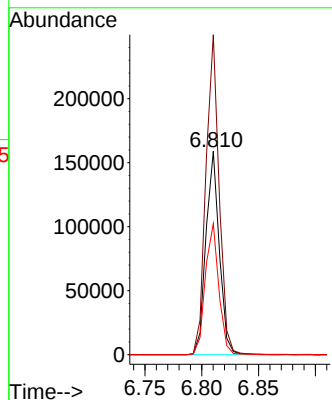
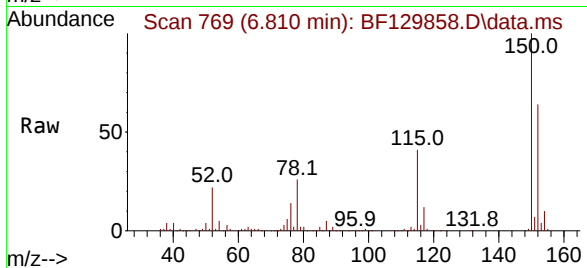




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF129858.D
Acq: 17 Aug 2022 22:51

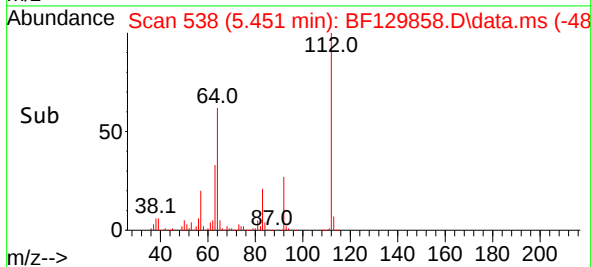
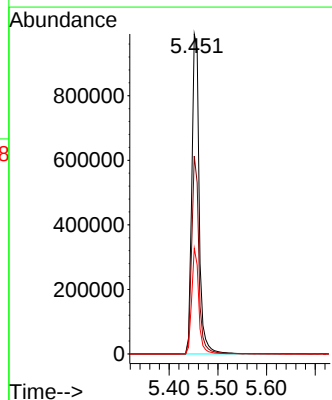
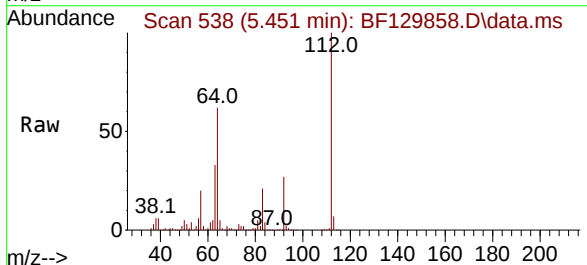
Instrument :
BNA_F
ClientSampleId :
S14

Tgt Ion:152 Resp: 130221
Ion Ratio Lower Upper
152 100
150 157.4 126.9 190.3
115 64.4 53.4 80.0



#5
2-Fluorophenol
Concen: 132.256 ng
RT: 5.451 min Scan# 538
Delta R.T. -0.000 min
Lab File: BF129858.D
Acq: 17 Aug 2022 22:51

Tgt Ion:112 Resp: 1040195
Ion Ratio Lower Upper
112 100
64 61.8 47.6 71.4
63 33.0 24.6 37.0





#7
Phenol-d6
Concen: 132.850 ng
RT: 6.469 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF129858.D
Acq: 17 Aug 2022 22:51

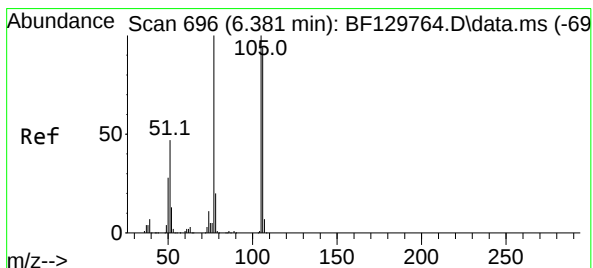
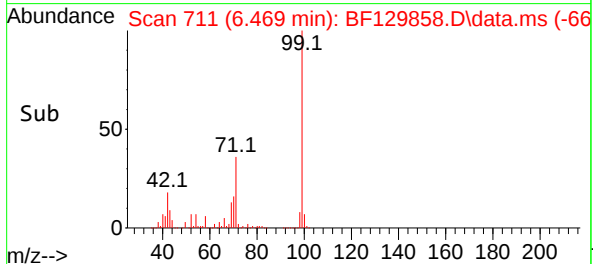
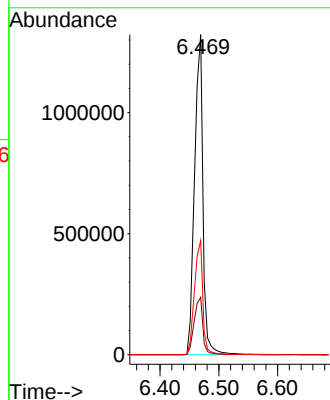
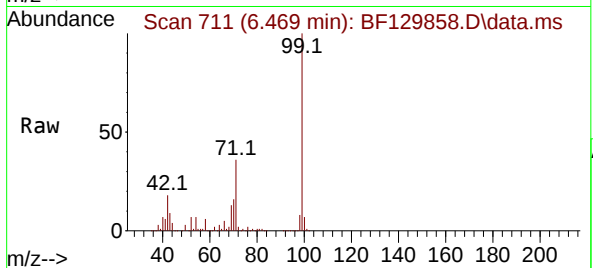
Instrument :

BNA_F

ClientSampleId :

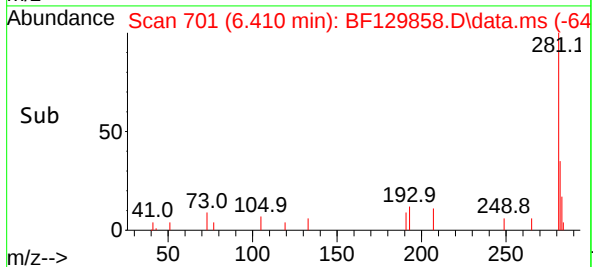
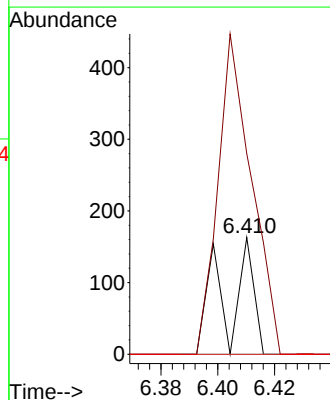
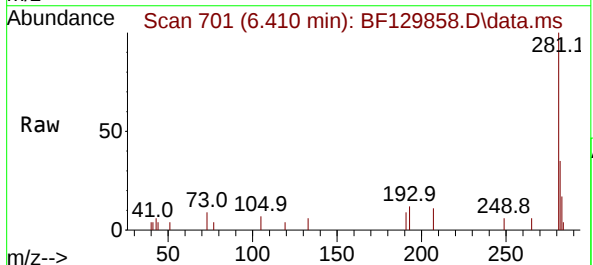
S14

Tgt Ion: 99 Resp: 1308470
Ion Ratio Lower Upper
99 100
42 17.9 15.0 22.4
71 35.7 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.410 min Scan# 701
Delta R.T. 0.041 min
Lab File: BF129858.D
Acq: 17 Aug 2022 22:51

Tgt Ion: 77 Resp: 112
Ion Ratio Lower Upper
77 100
105 171.8 80.3 120.3#
106 0.0 74.3 114.3#

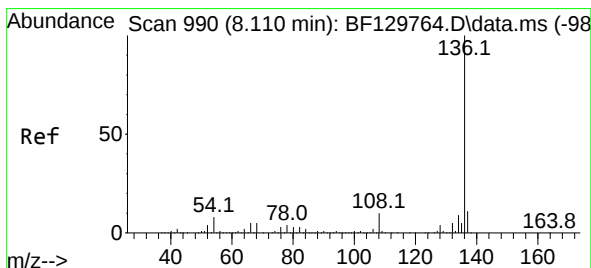
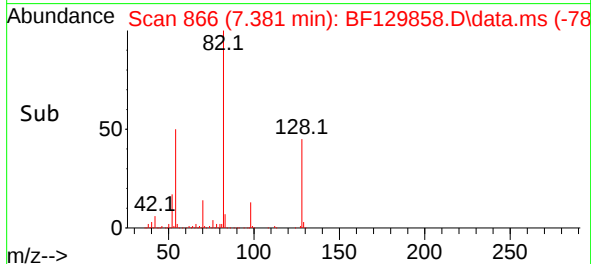
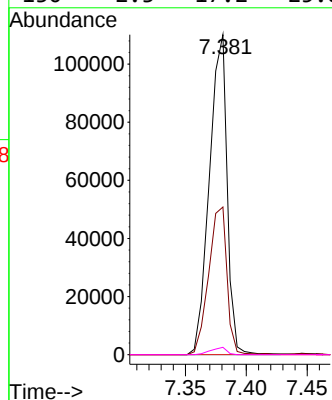
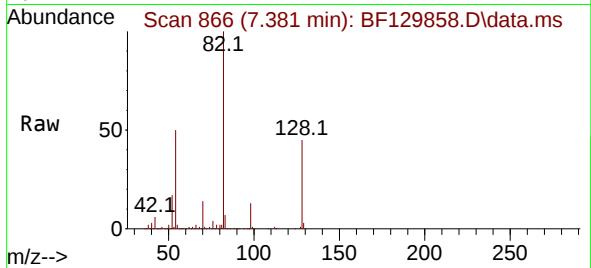




#19
n-Nitroso-di-n-propylamine
Concen: 17.878 ng
RT: 7.381 min Scan# 80
Delta R.T. 0.153 min
Lab File: BF129858.D
Acq: 17 Aug 2022 22:51

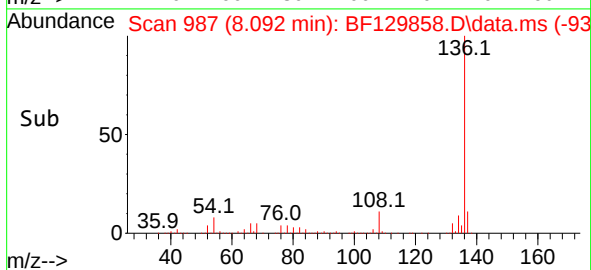
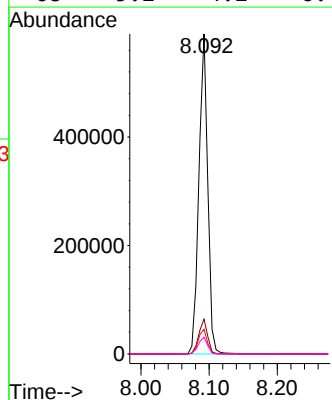
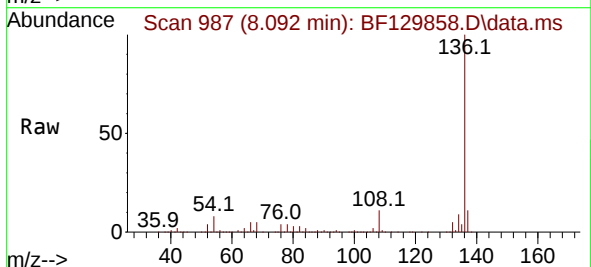
Instrument :
BNA_F
ClientSampleId :
S14

Tgt Ion: 70 Resp: 111301
Ion Ratio Lower Upper
70 100
42 46.1 47.6 71.4#
101 0.0 8.1 12.1#
130 2.3 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF129858.D
Acq: 17 Aug 2022 22:51

Tgt Ion:136 Resp: 528819
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 7.7 6.2 9.2
68 5.2 4.2 6.4

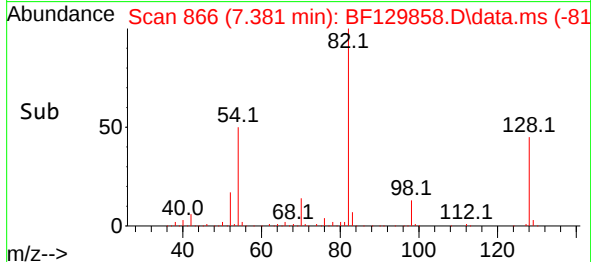
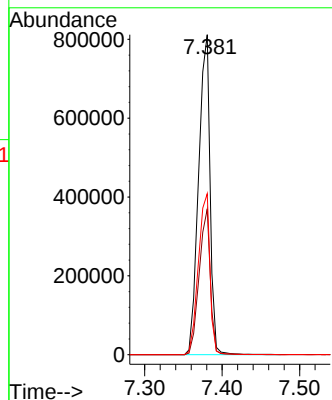
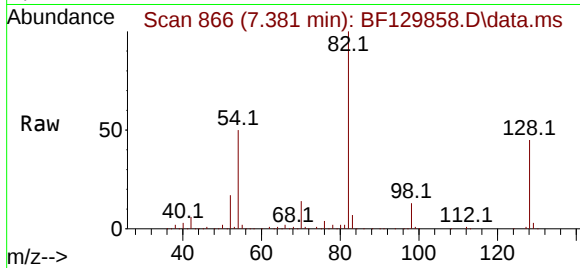




#23
Nitrobenzene-d5
Concen: 84.294 ng
RT: 7.381 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF129858.D
Acq: 17 Aug 2022 22:51

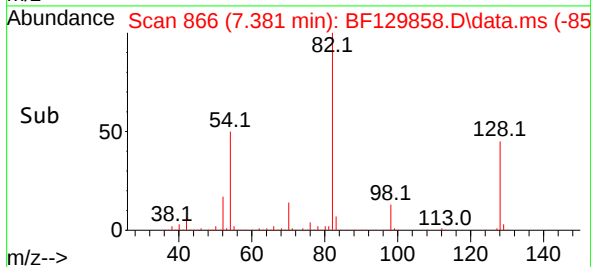
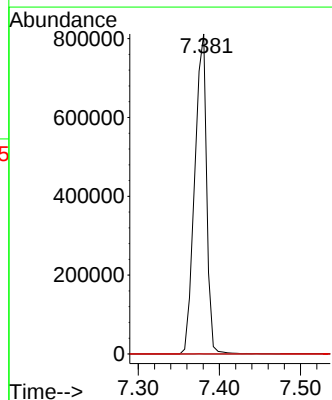
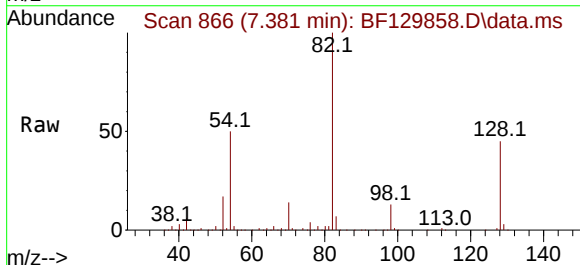
Instrument :
BNA_F
ClientSampleId :
S14

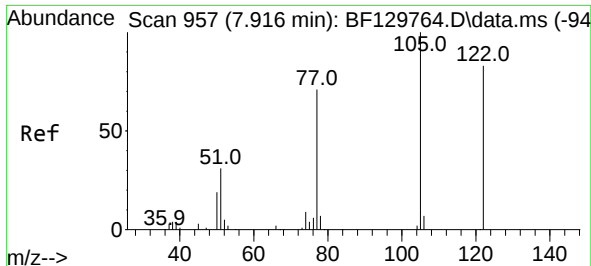
Tgt Ion: 82 Resp: 832703
Ion Ratio Lower Upper
82 100
128 45.5 36.1 54.1
54 50.3 40.0 60.0



#25
Isophorone
Concen: 48.981 ng
RT: 7.381 min Scan# 866
Delta R.T. -0.259 min
Lab File: BF129858.D
Acq: 17 Aug 2022 22:51

Tgt Ion: 82 Resp: 832805
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

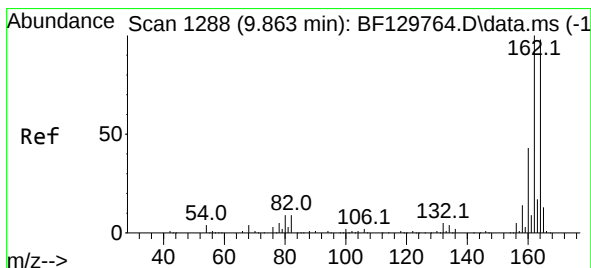
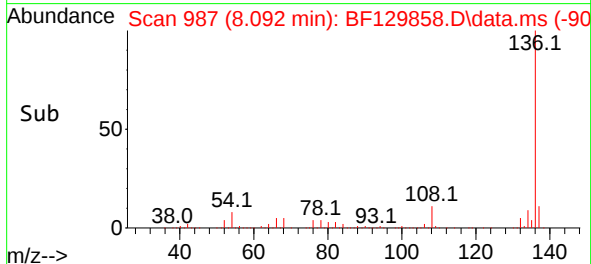
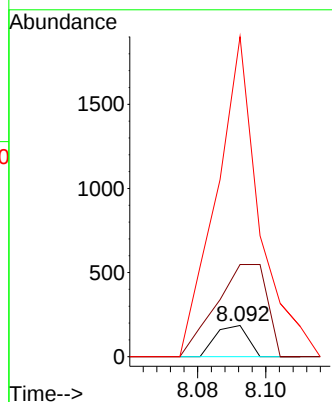
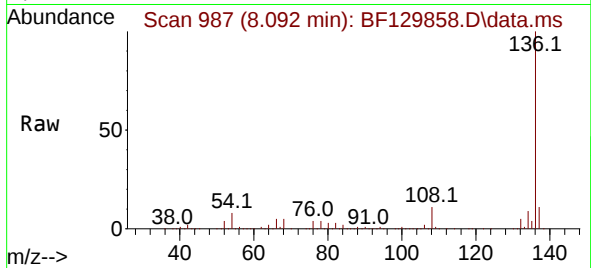




#32
Benzoic acid
Concen: 2.200 ng
RT: 8.092 min Scan# 91
Delta R.T. 0.194 min
Lab File: BF129858.D
Acq: 17 Aug 2022 22:51

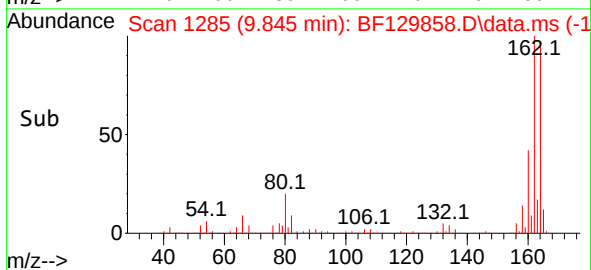
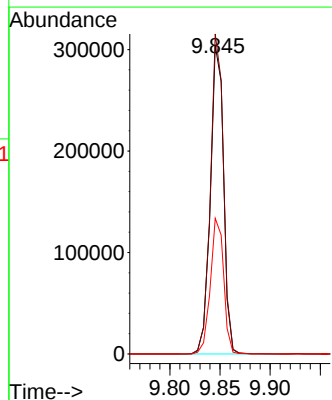
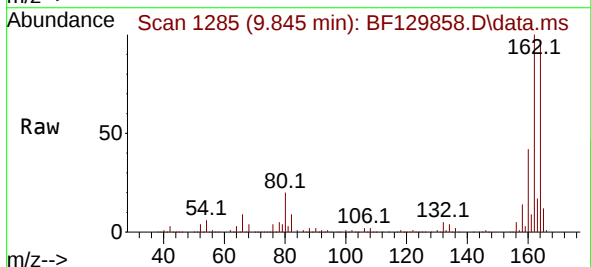
Instrument :
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ClientSampleId :
S14

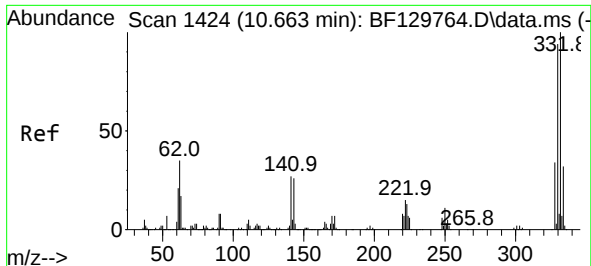
Tgt Ion:122 Resp: 122
Ion Ratio Lower Upper
122 100
105 294.6 99.9 139.9#
77 1022.6 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BF129858.D
Acq: 17 Aug 2022 22:51

Tgt Ion:164 Resp: 279167
Ion Ratio Lower Upper
164 100
162 103.8 82.0 123.0
160 44.0 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 122.601 ng

RT: 10.645 min Scan# 1424

Delta R.T. -0.000 min

Lab File: BF129858.D

Acq: 17 Aug 2022 22:51

Instrument :

BNA_F

ClientSampleId :

S14

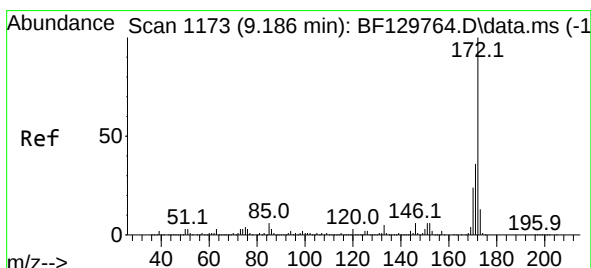
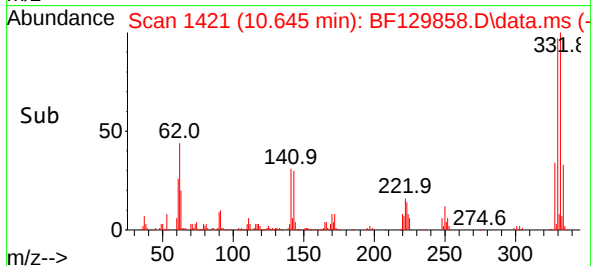
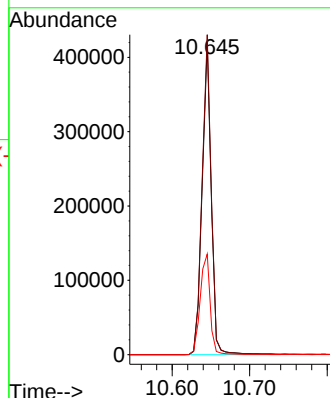
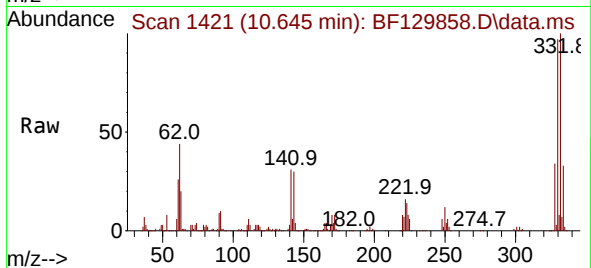
Tgt Ion:330 Resp: 343511

Ion Ratio Lower Upper

330 100

332 103.1 82.6 124.0

141 35.2 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 74.373 ng

RT: 9.169 min Scan# 1170

Delta R.T. -0.000 min

Lab File: BF129858.D

Acq: 17 Aug 2022 22:51

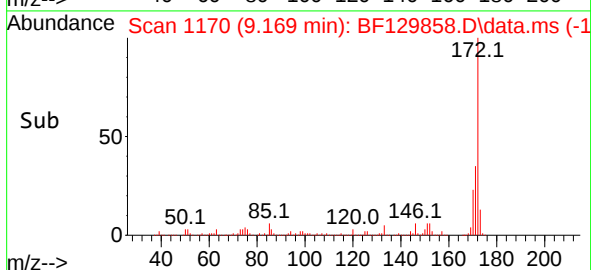
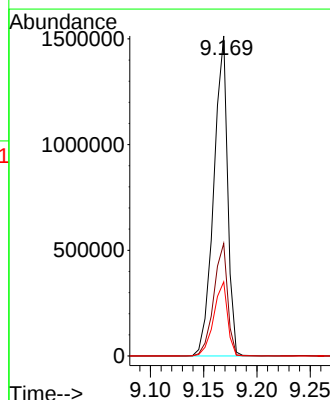
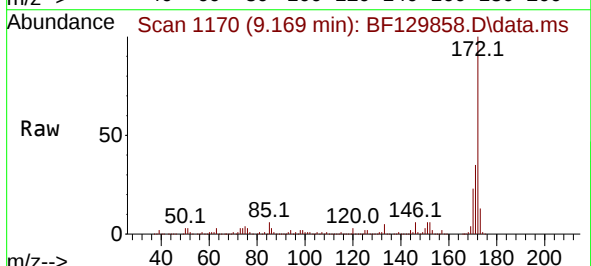
Tgt Ion:172 Resp: 1367033

Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.1 19.1 28.7

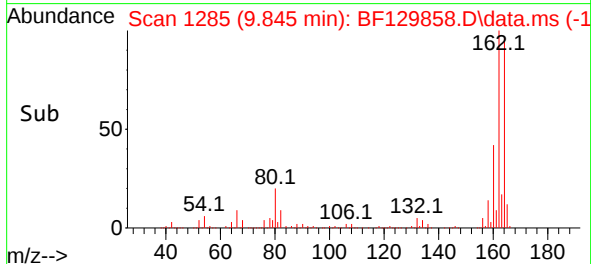
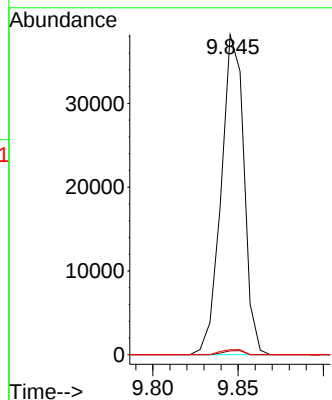
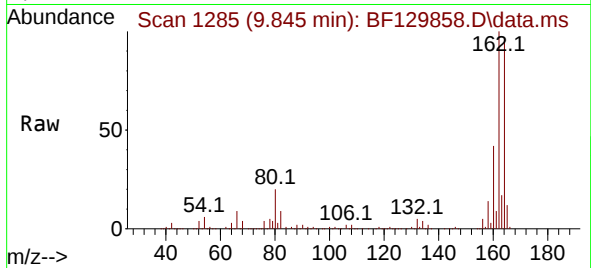




#51
2,6-Dinitrotoluene
Concen: 8.172 ng
RT: 9.845 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF129858.D
Acq: 17 Aug 2022 22:51

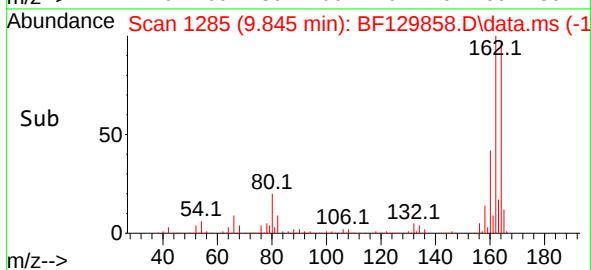
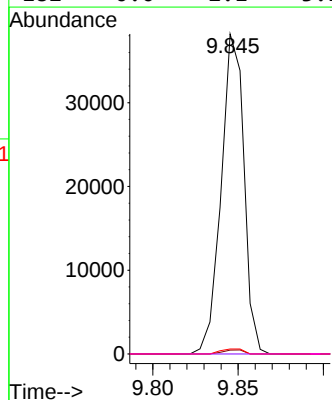
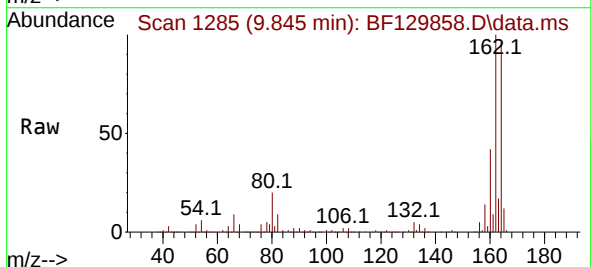
Instrument :
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Tgt Ion:165 Resp: 35477
Ion Ratio Lower Upper
165 100
63 1.2 47.8 71.8#
89 1.6 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.295 ng
RT: 9.845 min Scan# 1285
Delta R.T. -0.212 min
Lab File: BF129858.D
Acq: 17 Aug 2022 22:51

Tgt Ion:165 Resp: 35477
Ion Ratio Lower Upper
165 100
63 1.2 48.4 72.6#
89 1.6 62.3 93.5#
182 0.0 2.1 3.1#

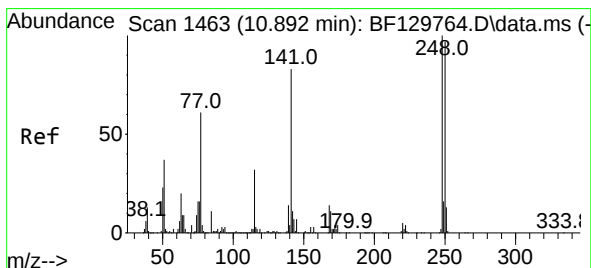
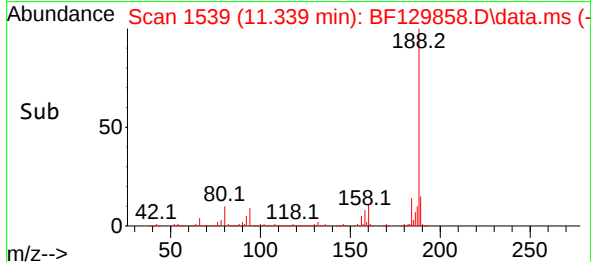
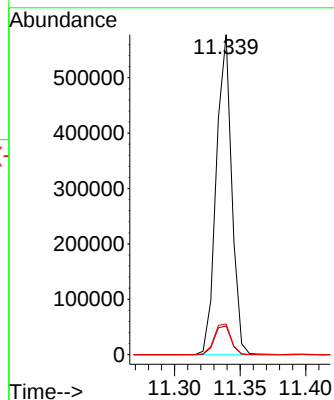
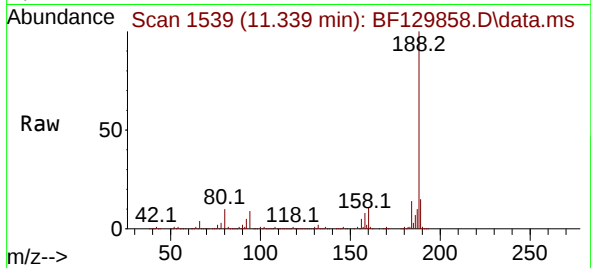




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129858.D
Acq: 17 Aug 2022 22:51

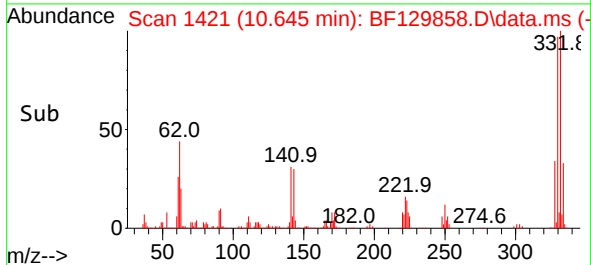
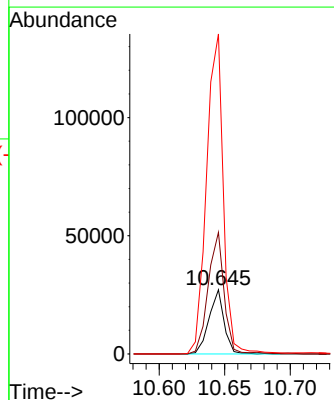
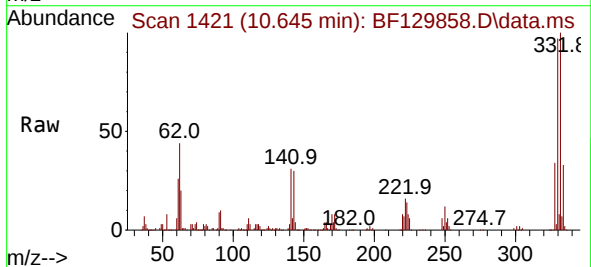
Instrument :
BNA_F
ClientSampleId :
S14

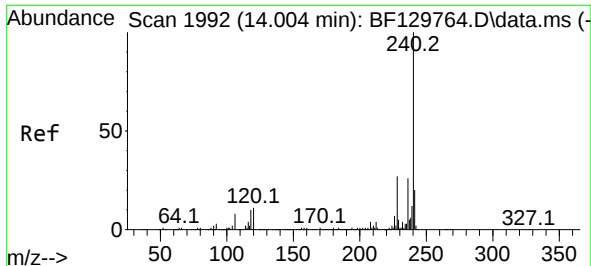
Tgt Ion:188 Resp: 471848
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.2
80 9.6 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 3.944 ng
RT: 10.645 min Scan# 1421
Delta R.T. -0.235 min
Lab File: BF129858.D
Acq: 17 Aug 2022 22:51

Tgt Ion:248 Resp: 21798
Ion Ratio Lower Upper
248 100
250 189.8 77.8 116.6#
141 499.3 66.2 99.2#

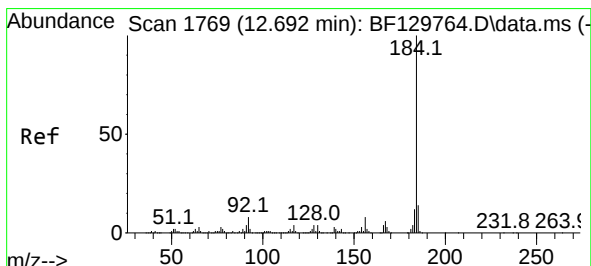
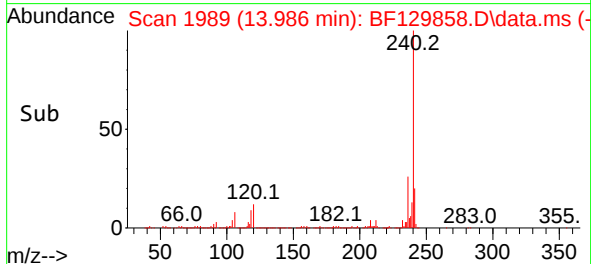
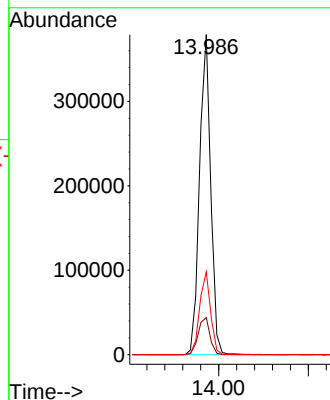
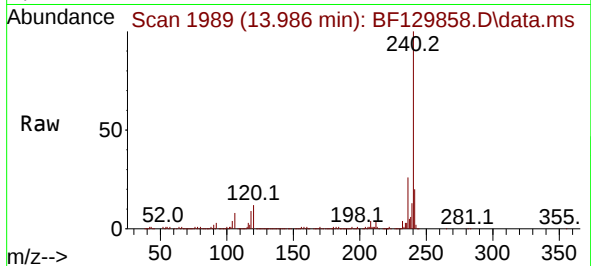




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129858.D
Acq: 17 Aug 2022 22:51

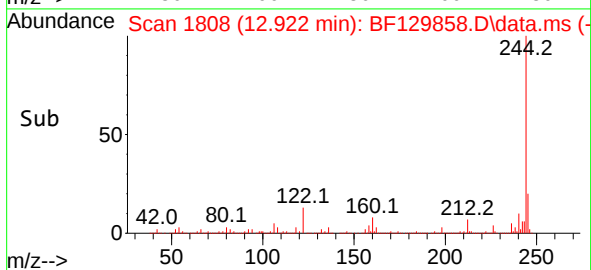
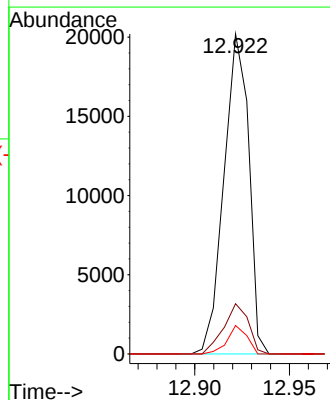
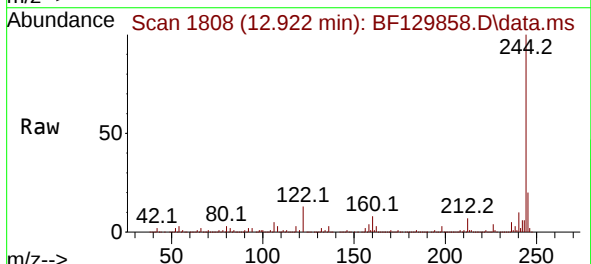
Instrument :
BNA_F
ClientSampleId :
S14

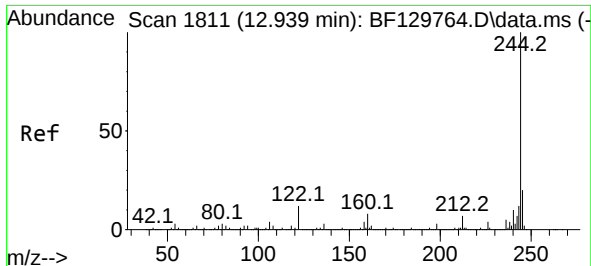
Tgt Ion:240 Resp: 326879
Ion Ratio Lower Upper
240 100
120 11.6 9.2 13.8
236 25.9 20.7 31.1



#77
Benzidine
Concen: Below Cal
RT: 12.922 min Scan# 1808
Delta R.T. 0.241 min
Lab File: BF129858.D
Acq: 17 Aug 2022 22:51

Tgt Ion:184 Resp: 18439
Ion Ratio Lower Upper
184 100
185 15.7 11.4 17.2
183 8.9 9.4 14.2#

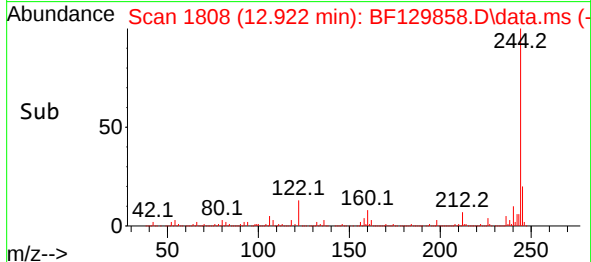
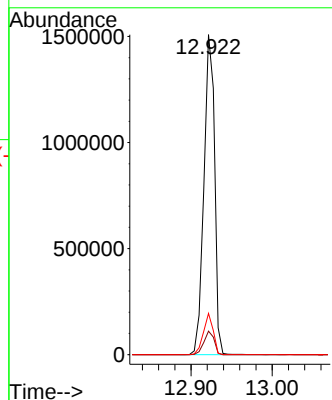
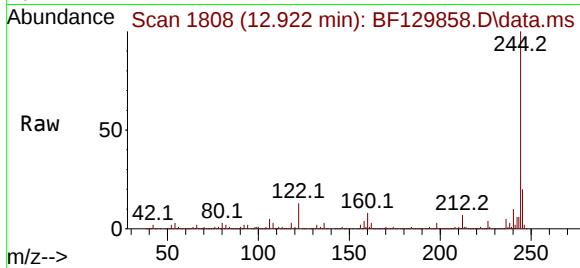




#79
 Terphenyl-d14
 Concen: 69.834 ng
 RT: 12.922 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF129858.D
 Acq: 17 Aug 2022 22:51

Instrument :
 BNA_F
 ClientSampleId :
 S14

Tgt Ion:244 Resp: 1371892
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 12.9 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2238
 Delta R.T. -0.006 min
 Lab File: BF129858.D
 Acq: 17 Aug 2022 22:51

Tgt Ion:264 Resp: 246078
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.1 28.7
 265 20.9 16.7 25.1

