

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081822\
 Data File : BF129880.D
 Acq On : 18 Aug 2022 17:30
 Operator : CG\JU
 Sample : PB146894BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146894BL

Quant Time: Aug 19 01:00:31 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)

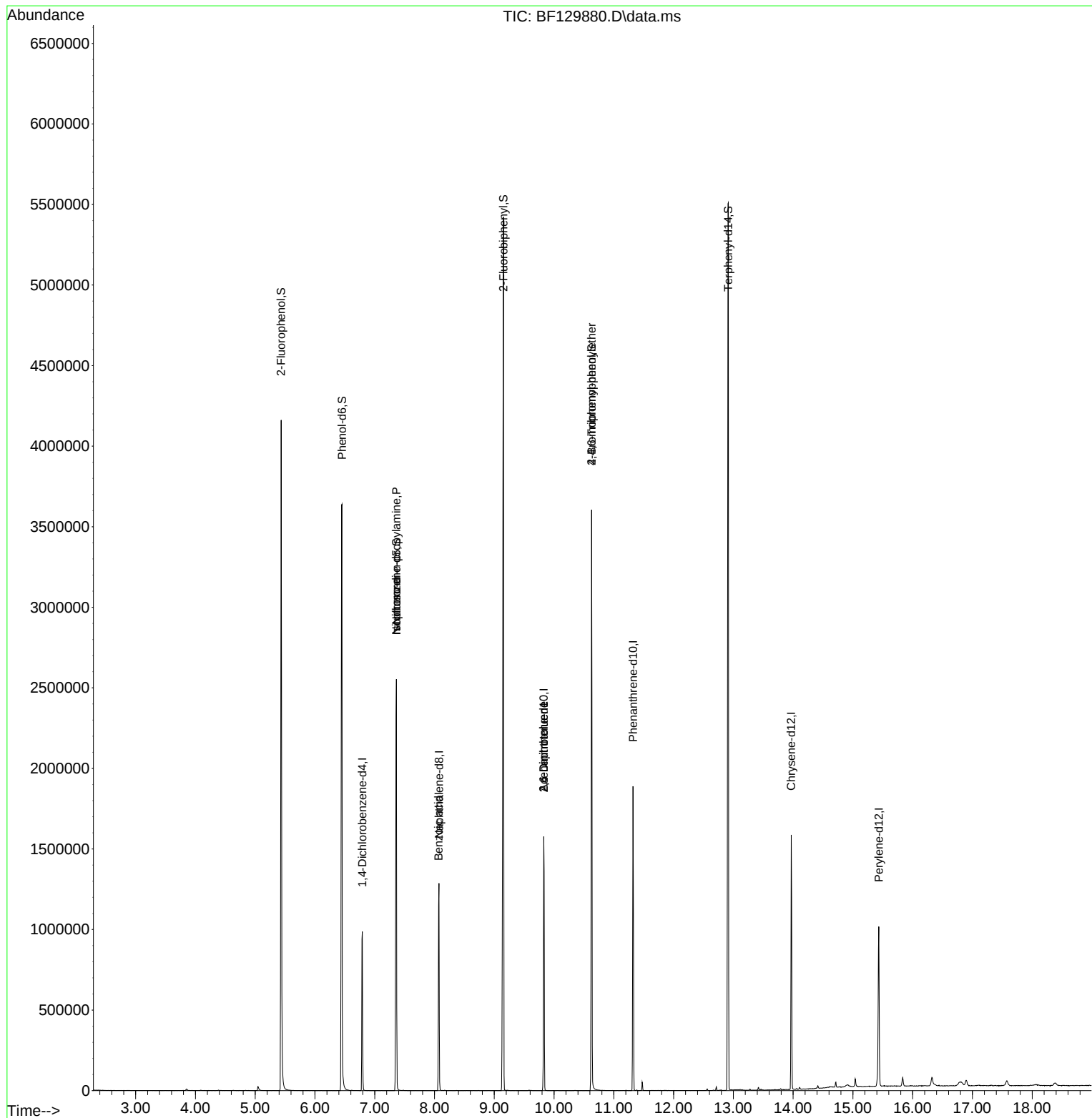
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	150392	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	609005	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	333926	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	604016	20.000	ng	0.00
76) Chrysene-d12	13.969	240	502372	20.000	ng	0.00
86) Perylene-d12	15.433	264	426720	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1134545	124.905	ng	0.00
7) Phenol-d6	6.451	99	1425804	125.347	ng	0.00
23) Nitrobenzene-d5	7.363	82	905904	79.629	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	424231	126.581	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1724642	78.442	ng	0.00
79) Terphenyl-d14	12.916	244	2140214	70.887	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.451	77	2156	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.363	70	121303	16.871	ng	# 75
25) Isophorone	7.363	82	905898	46.265	ng	# 65
32) Benzoic acid	8.069	122	185	2.216	ng	# 1
51) 2,6-Dinitrotoluene	9.828	165	43268	8.332	ng	# 23
57) 2,4-Dinitrotoluene	9.828	165	43268	6.419	ng	# 18
67) 4-Bromophenyl-phenylether	10.628	248	25998	3.675	ng	# 1
77) Benzidine	12.669	184	2155	Below Cal	#	86

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

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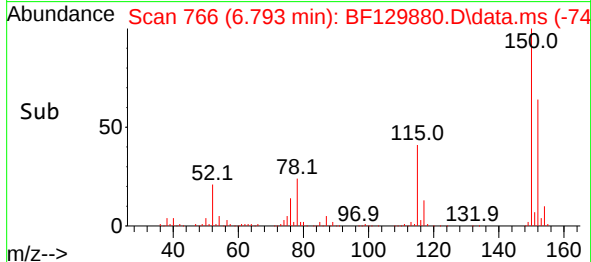
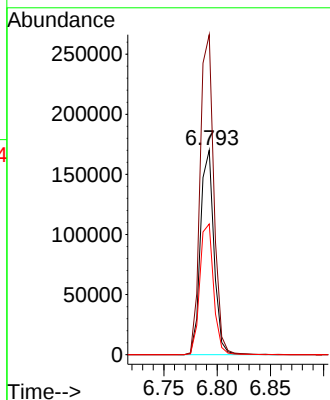
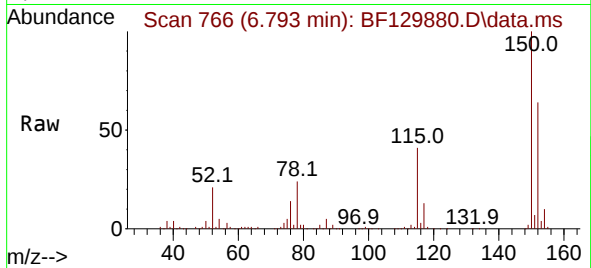




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 70
Delta R.T. 0.001 min
Lab File: BF129880.D
Acq: 18 Aug 2022 17:30

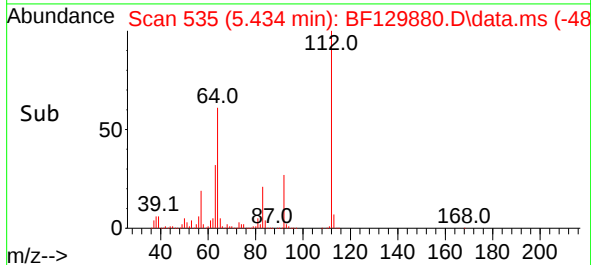
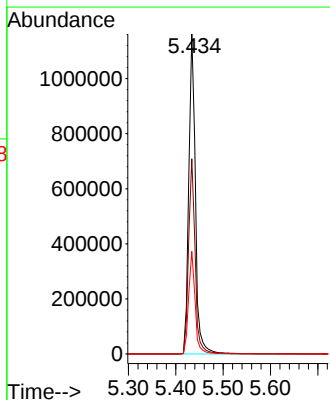
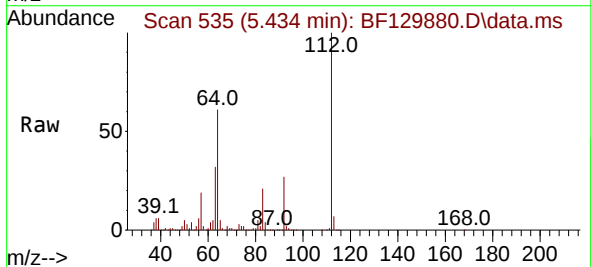
Instrument :
BNA_F
ClientSampleId :
PB146894BL

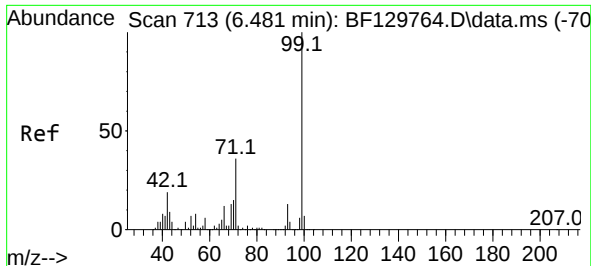
Tgt Ion:152 Resp: 150392
Ion Ratio Lower Upper
152 100
150 156.4 126.9 190.3
115 63.9 53.4 80.0



#5
2-Fluorophenol
Concen: 124.905 ng
RT: 5.434 min Scan# 535
Delta R.T. 0.006 min
Lab File: BF129880.D
Acq: 18 Aug 2022 17:30

Tgt Ion:112 Resp: 1134545
Ion Ratio Lower Upper
112 100
64 61.0 47.6 71.4
63 32.1 24.6 37.0

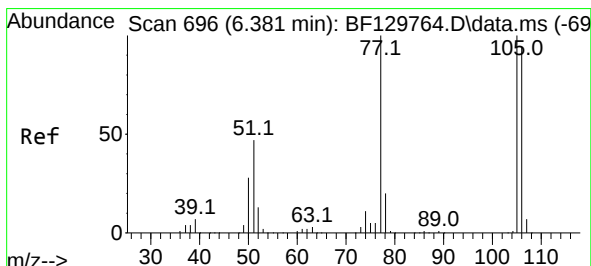
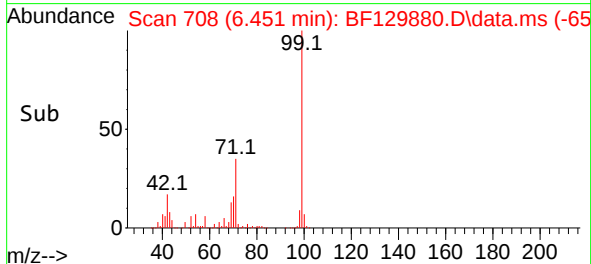
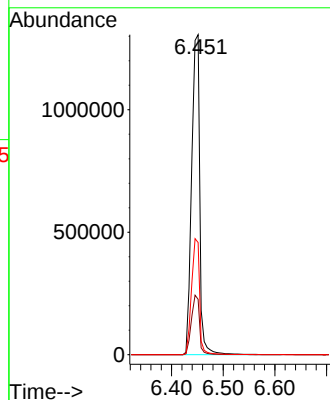
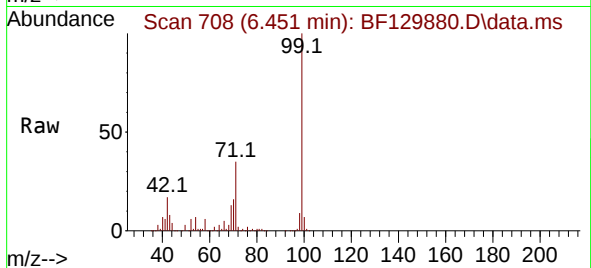




#7
Phenol-d6
Concen: 125.347 ng
RT: 6.451 min Scan# 708
Delta R.T. 0.000 min
Lab File: BF129880.D
Acq: 18 Aug 2022 17:30

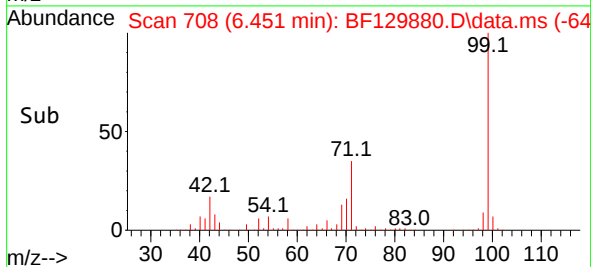
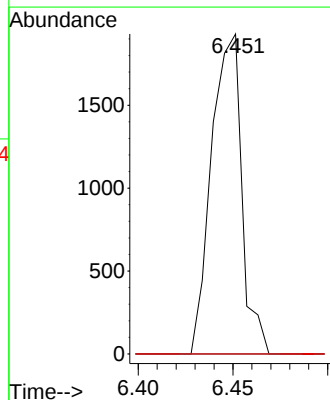
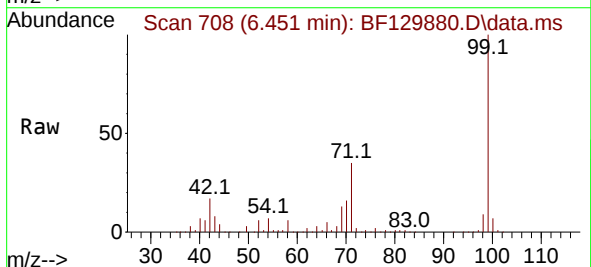
Instrument :
BNA_F
ClientSampleId :
PB146894BL

Tgt Ion: 99 Resp: 1425804
Ion Ratio Lower Upper
99 100
42 17.3 15.0 22.4
71 35.1 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.451 min Scan# 708
Delta R.T. 0.100 min
Lab File: BF129880.D
Acq: 18 Aug 2022 17:30

Tgt Ion: 77 Resp: 2156
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

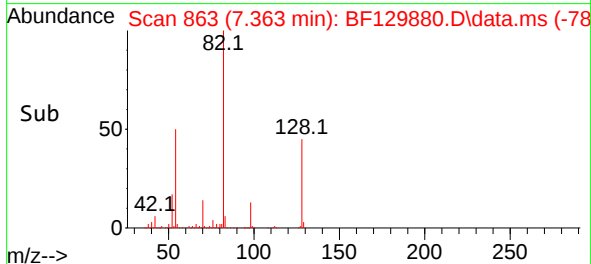
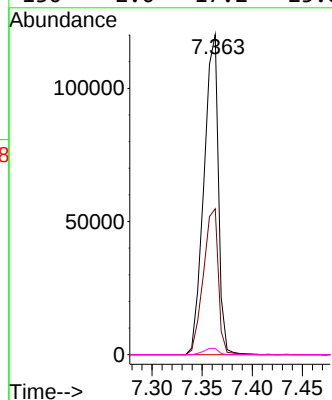
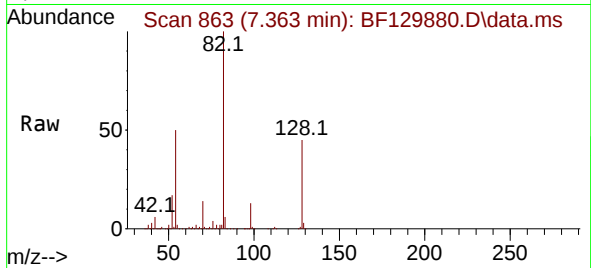




#19
n-Nitroso-di-n-propylamine
Concen: 16.871 ng
RT: 7.363 min Scan# 80
Delta R.T. 0.153 min
Lab File: BF129880.D
Acq: 18 Aug 2022 17:30

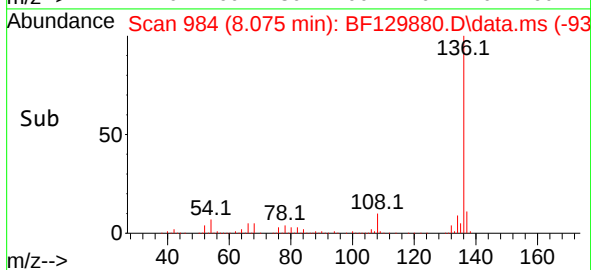
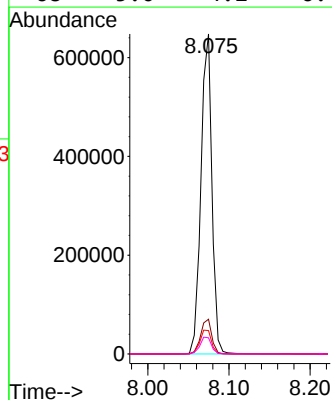
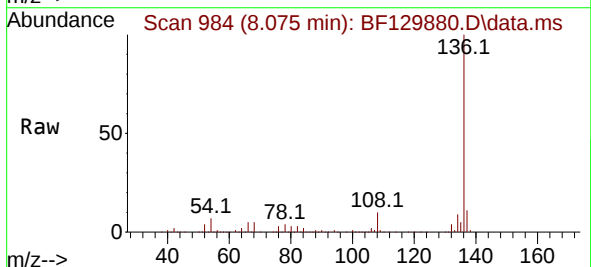
Instrument :
BNA_F
ClientSampleId :
PB146894BL

Tgt Ion: 70 Resp: 121303
Ion Ratio Lower Upper
70 100
42 45.6 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: BF129880.D
Acq: 18 Aug 2022 17:30

Tgt Ion: 136 Resp: 609005
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 7.3 6.2 9.2
68 5.0 4.2 6.4

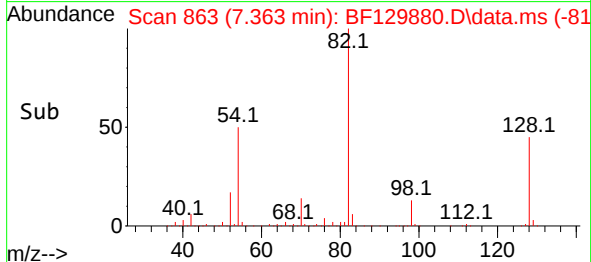
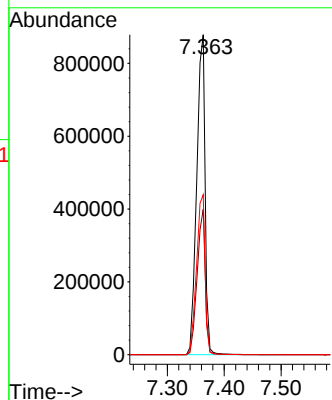
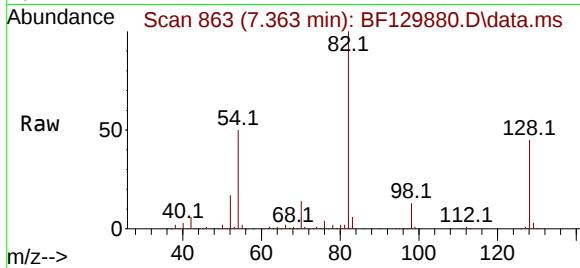




#23
Nitrobenzene-d5
Concen: 79.629 ng
RT: 7.363 min Scan# 863
Delta R.T. -0.006 min
Lab File: BF129880.D
Acq: 18 Aug 2022 17:30

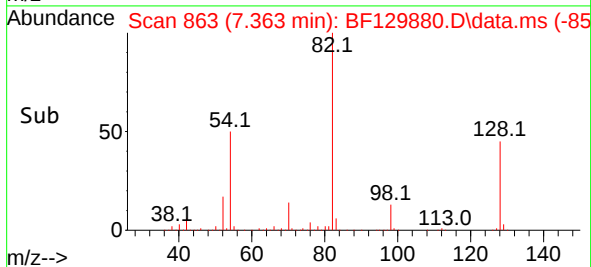
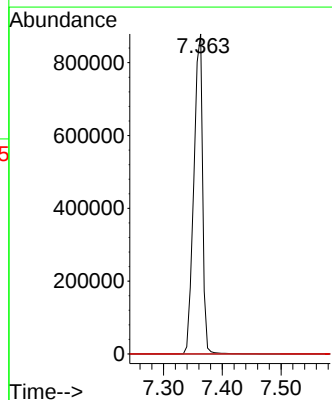
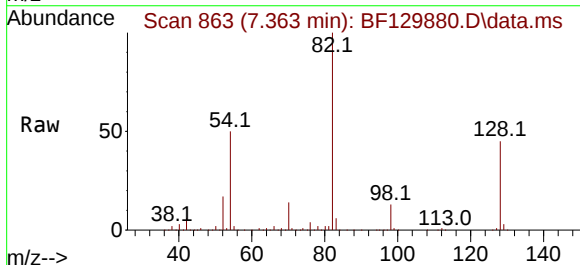
Instrument :
BNA_F
ClientSampleId :
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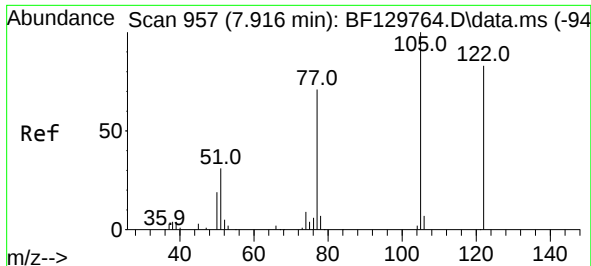
Tgt Ion: 82 Resp: 905904
Ion Ratio Lower Upper
82 100
128 45.5 36.1 54.1
54 50.0 40.0 60.0



#25
Isophorone
Concen: 46.265 ng
RT: 7.363 min Scan# 863
Delta R.T. -0.259 min
Lab File: BF129880.D
Acq: 18 Aug 2022 17:30

Tgt Ion: 82 Resp: 905898
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

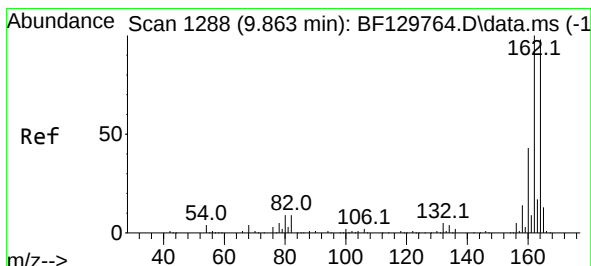
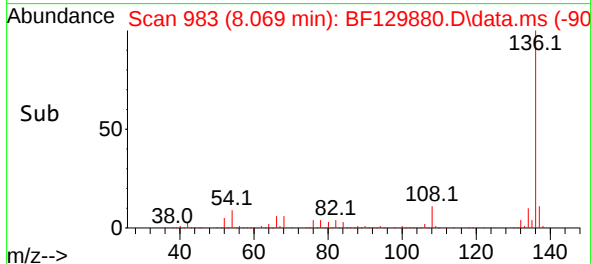
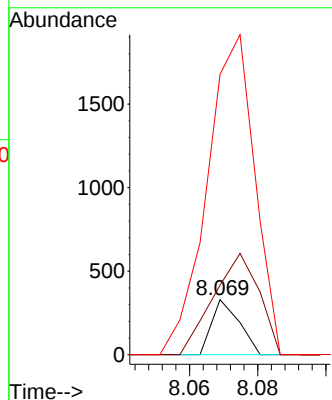
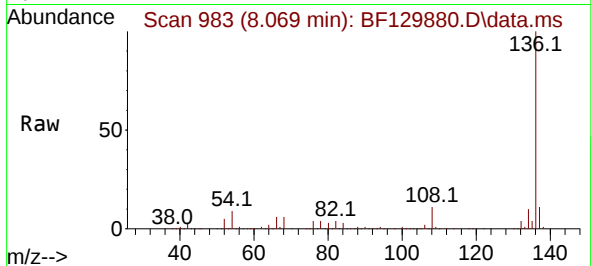




#32
Benzoic acid
Concen: 2.216 ng
RT: 8.069 min Scan# 91
Delta R.T. 0.183 min
Lab File: BF129880.D
Acq: 18 Aug 2022 17:30

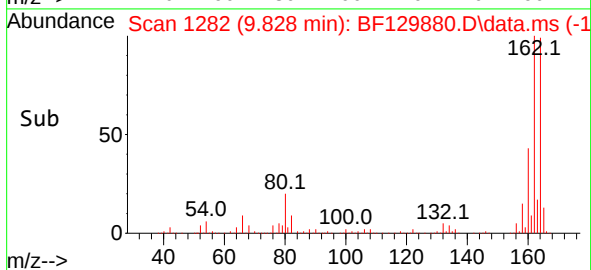
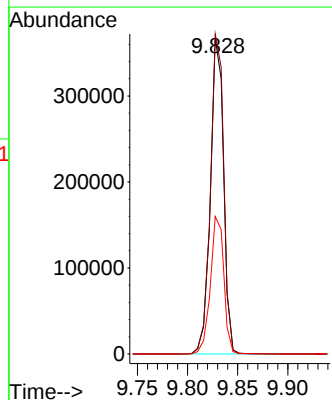
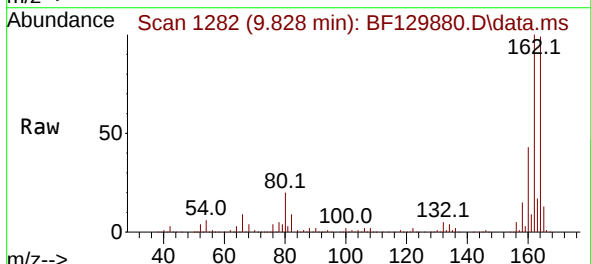
Instrument :
BNA_F
ClientSampleId :
PB146894BL

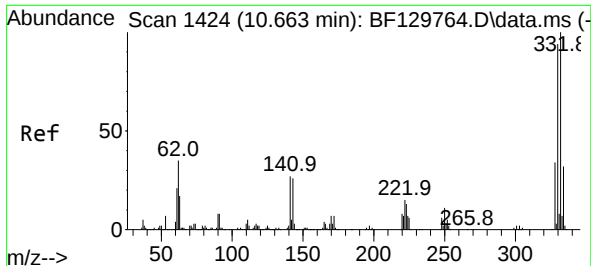
Tgt Ion:122 Resp: 185
Ion Ratio Lower Upper
122 100
105 126.1 99.9 139.9
77 508.5 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF129880.D
Acq: 18 Aug 2022 17:30

Tgt Ion:164 Resp: 333926
Ion Ratio Lower Upper
164 100
162 101.4 82.0 123.0
160 43.5 35.4 53.0

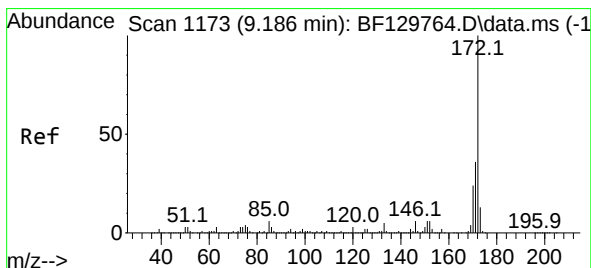
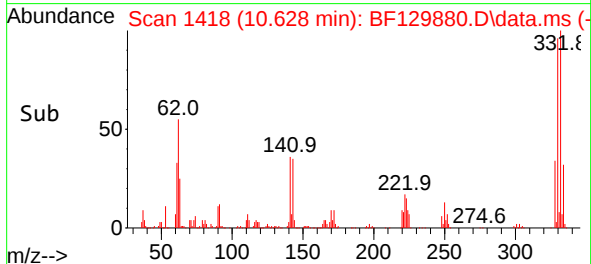
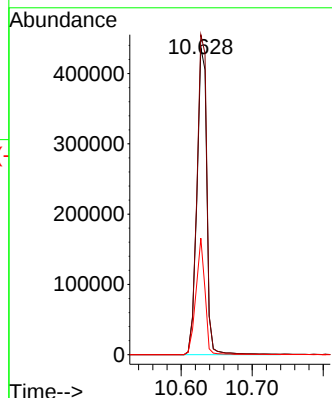
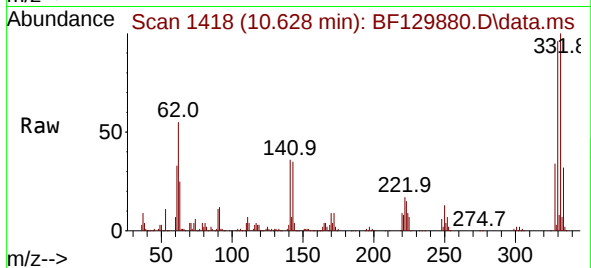




#42
2,4,6-Tribromophenol
Concen: 126.581 ng
RT: 10.628 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF129880.D
Acq: 18 Aug 2022 17:30

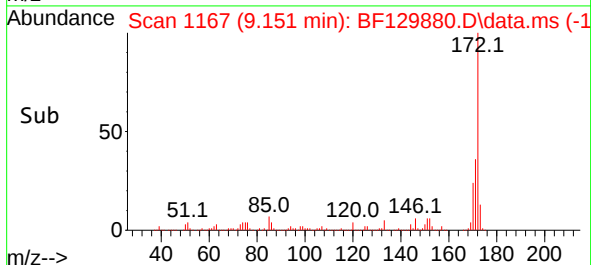
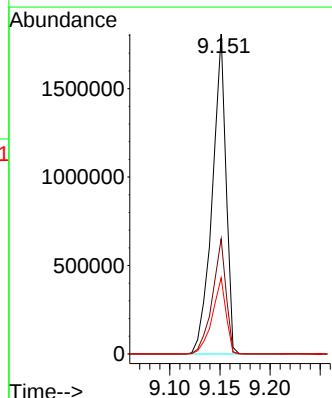
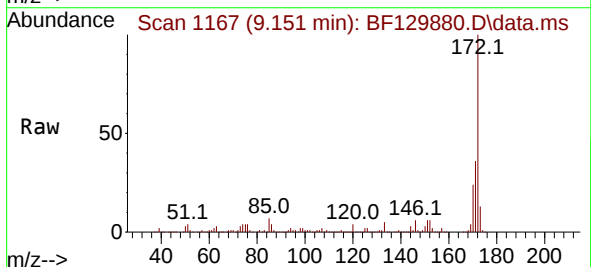
Instrument :
BNA_F
ClientSampleId :
PB146894BL

Tgt Ion:330 Resp: 424231
Ion Ratio Lower Upper
330 100
332 103.9 82.6 124.0
141 34.7 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 78.442 ng
RT: 9.151 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF129880.D
Acq: 18 Aug 2022 17:30

Tgt Ion:172 Resp: 1724642
Ion Ratio Lower Upper
172 100
171 36.0 28.4 42.6
170 23.8 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.332 ng

RT: 9.828 min Scan# 1282

Delta R.T. 0.200 min

Lab File: BF129880.D

Acq: 18 Aug 2022 17:30

Instrument :

BNA_F

ClientSampleId :

PB146894BL

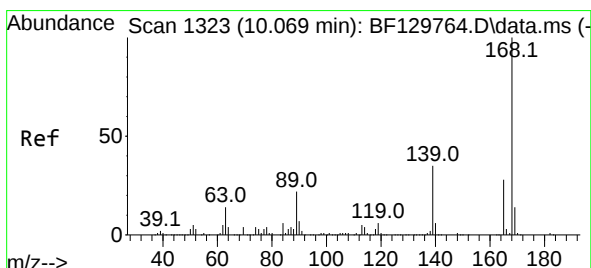
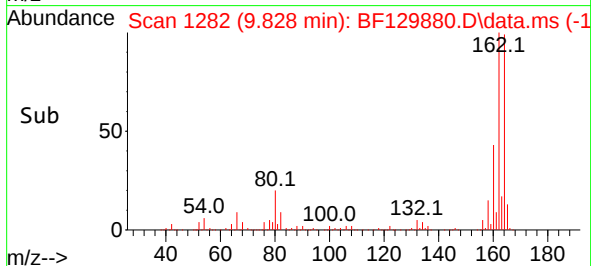
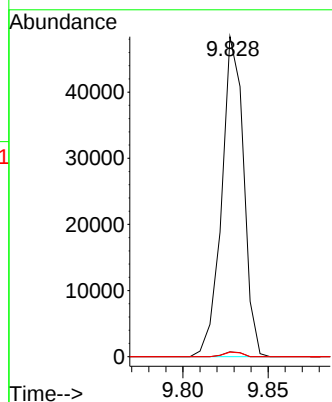
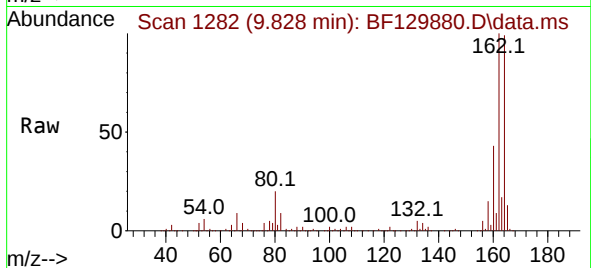
Tgt Ion:165 Resp: 43268

Ion Ratio Lower Upper

165 100

63 1.6 47.8 71.8#

89 1.4 47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 6.419 ng

RT: 9.828 min Scan# 1282

Delta R.T. -0.212 min

Lab File: BF129880.D

Acq: 18 Aug 2022 17:30

Tgt Ion:165 Resp: 43268

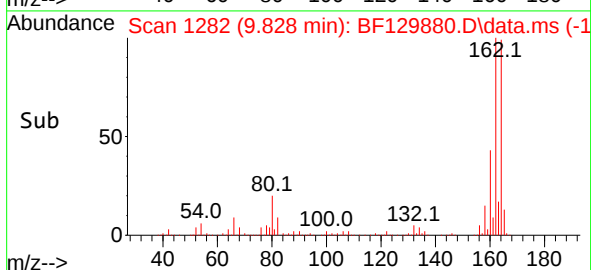
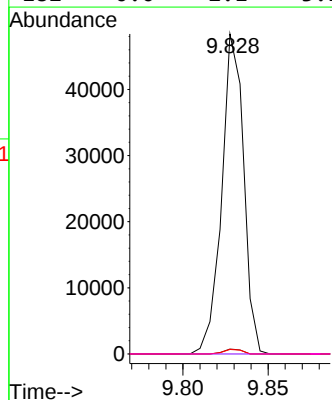
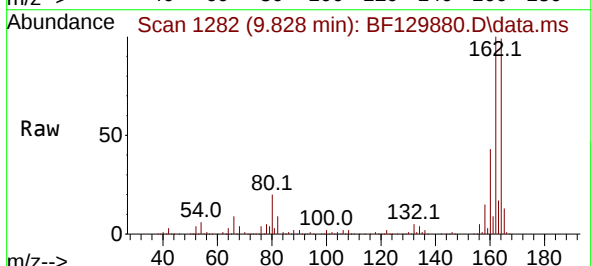
Ion Ratio Lower Upper

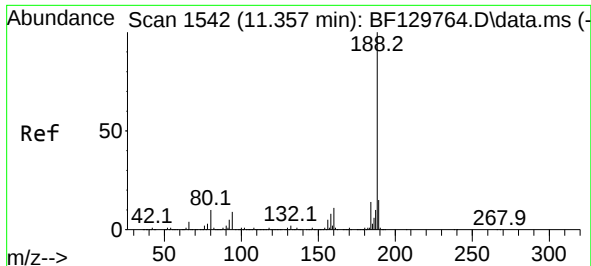
165 100

63 1.6 48.4 72.6#

89 1.4 62.3 93.5#

182 0.0 2.1 3.1#

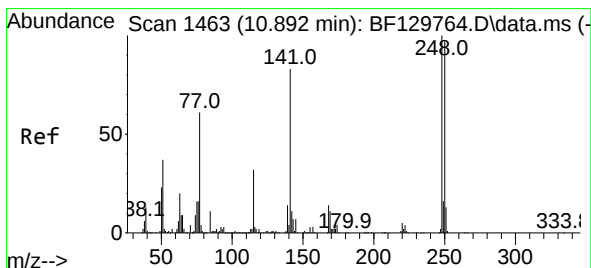
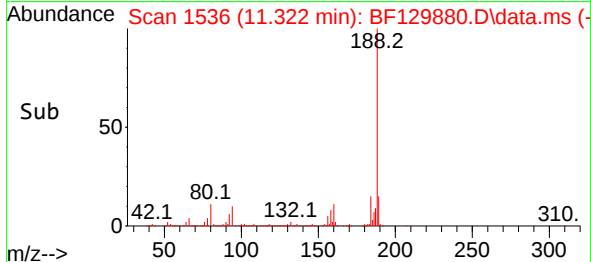
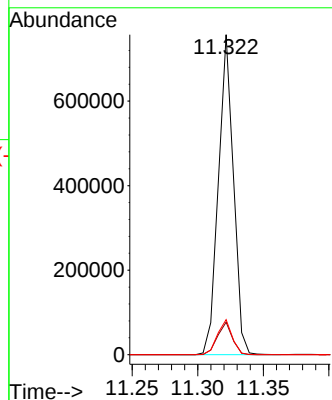
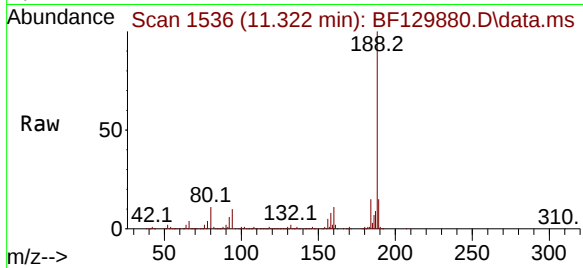




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129880.D
Acq: 18 Aug 2022 17:30

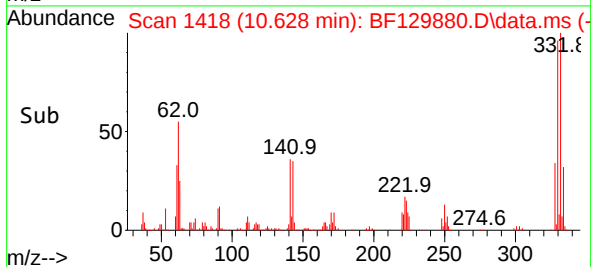
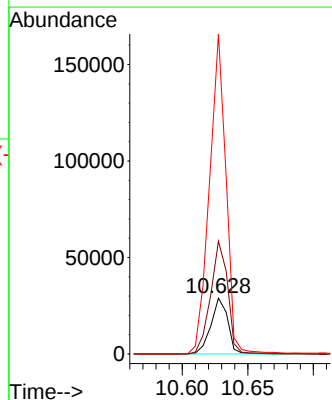
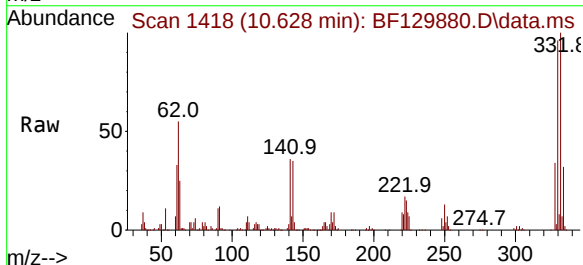
Instrument :
BNA_F
ClientSampleId :
PB146894BL

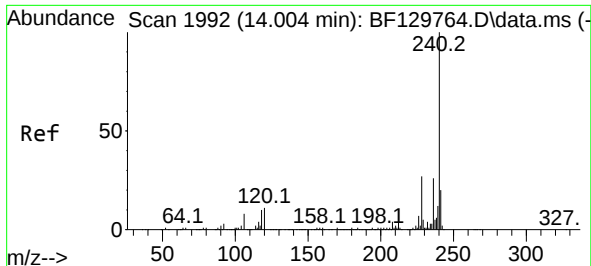
Tgt Ion:188 Resp: 604016
Ion Ratio Lower Upper
188 100
94 10.1 7.4 11.2
80 10.9 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 3.675 ng
RT: 10.628 min Scan# 1418
Delta R.T. -0.235 min
Lab File: BF129880.D
Acq: 18 Aug 2022 17:30

Tgt Ion:248 Resp: 25998
Ion Ratio Lower Upper
248 100
250 201.8 77.8 116.6#
141 572.6 66.2 99.2#

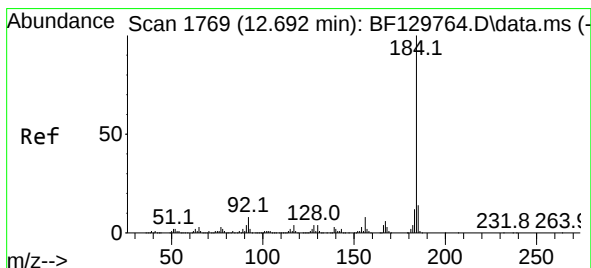
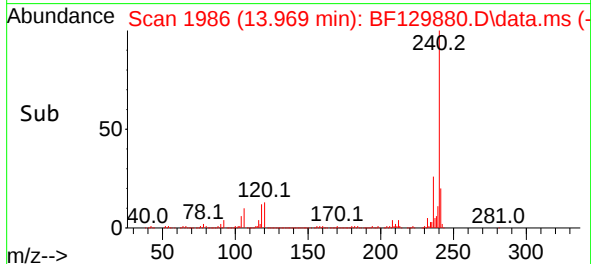
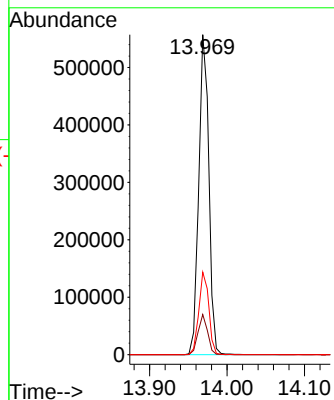
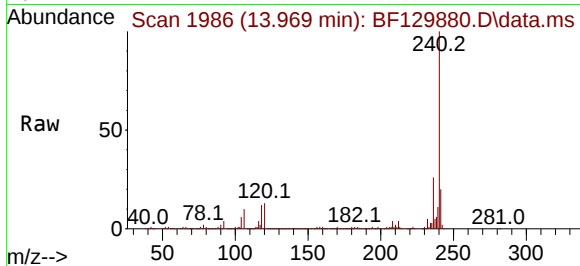




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129880.D
Acq: 18 Aug 2022 17:30

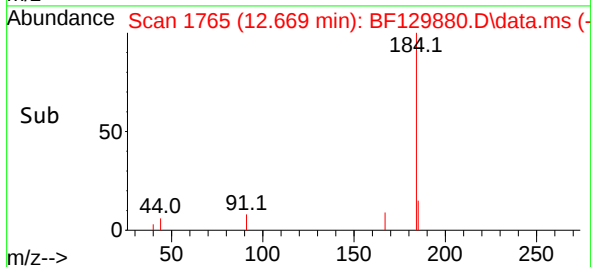
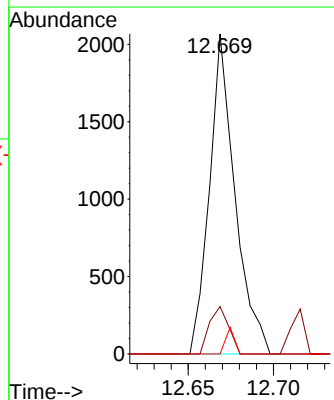
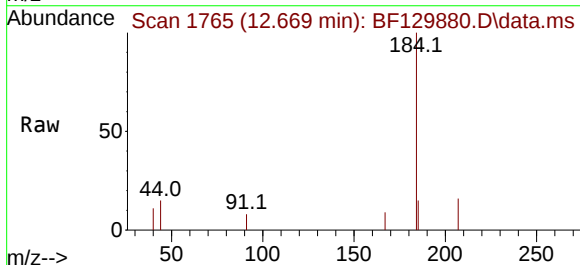
Instrument :
BNA_F
ClientSampleId :
PB146894BL

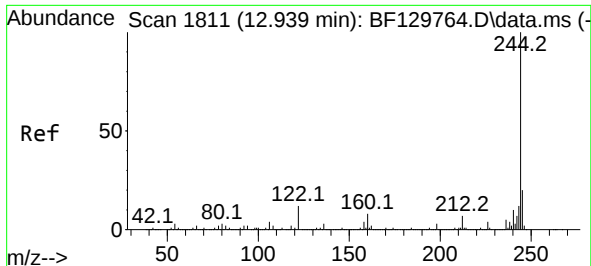
Tgt Ion:240 Resp: 502372
Ion Ratio Lower Upper
240 100
120 12.6 9.2 13.8
236 25.8 20.7 31.1



#77
Benzidine
Concen: Below Cal
RT: 12.669 min Scan# 1765
Delta R.T. 0.006 min
Lab File: BF129880.D
Acq: 18 Aug 2022 17:30

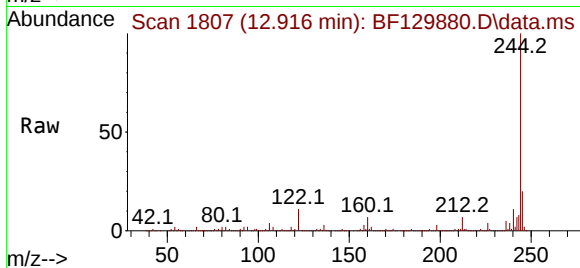
Tgt Ion:184 Resp: 2155
Ion Ratio Lower Upper
184 100
185 14.8 11.4 17.2
183 0.0 9.4 14.2#





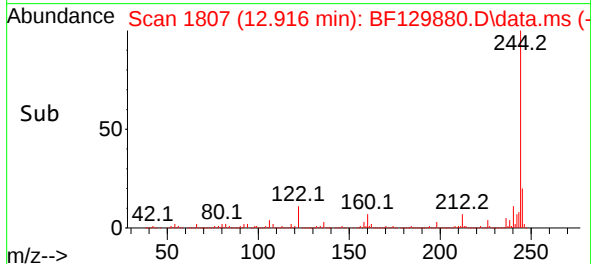
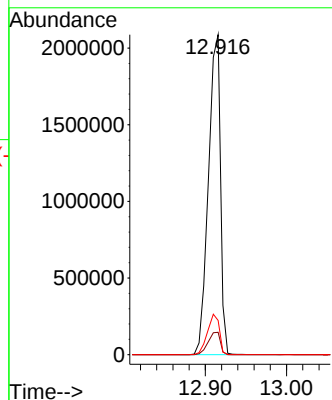
#79
 Terphenyl-d14
 Concen: 70.887 ng
 RT: 12.916 min Scan# 1807
 Delta R.T. 0.006 min
 Lab File: BF129880.D
 Acq: 18 Aug 2022 17:30

Instrument :
 BNA_F
 ClientSampleId :
 PB146894BL



Tgt Ion:244 Resp: 2140214

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	10.7	9.9	14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 2235
 Delta R.T. 0.006 min
 Lab File: BF129880.D
 Acq: 18 Aug 2022 17:30

Tgt Ion:264 Resp: 426720

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.1	28.7
265	20.7	16.7	25.1

