

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082222\
 Data File : BF129938.D
 Acq On : 22 Aug 2022 13:23
 Operator : CG\JU
 Sample : PB147058BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147058BL

Quant Time: Aug 23 04:45:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 23 04:41:40 2022
 Response via : Initial Calibration

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

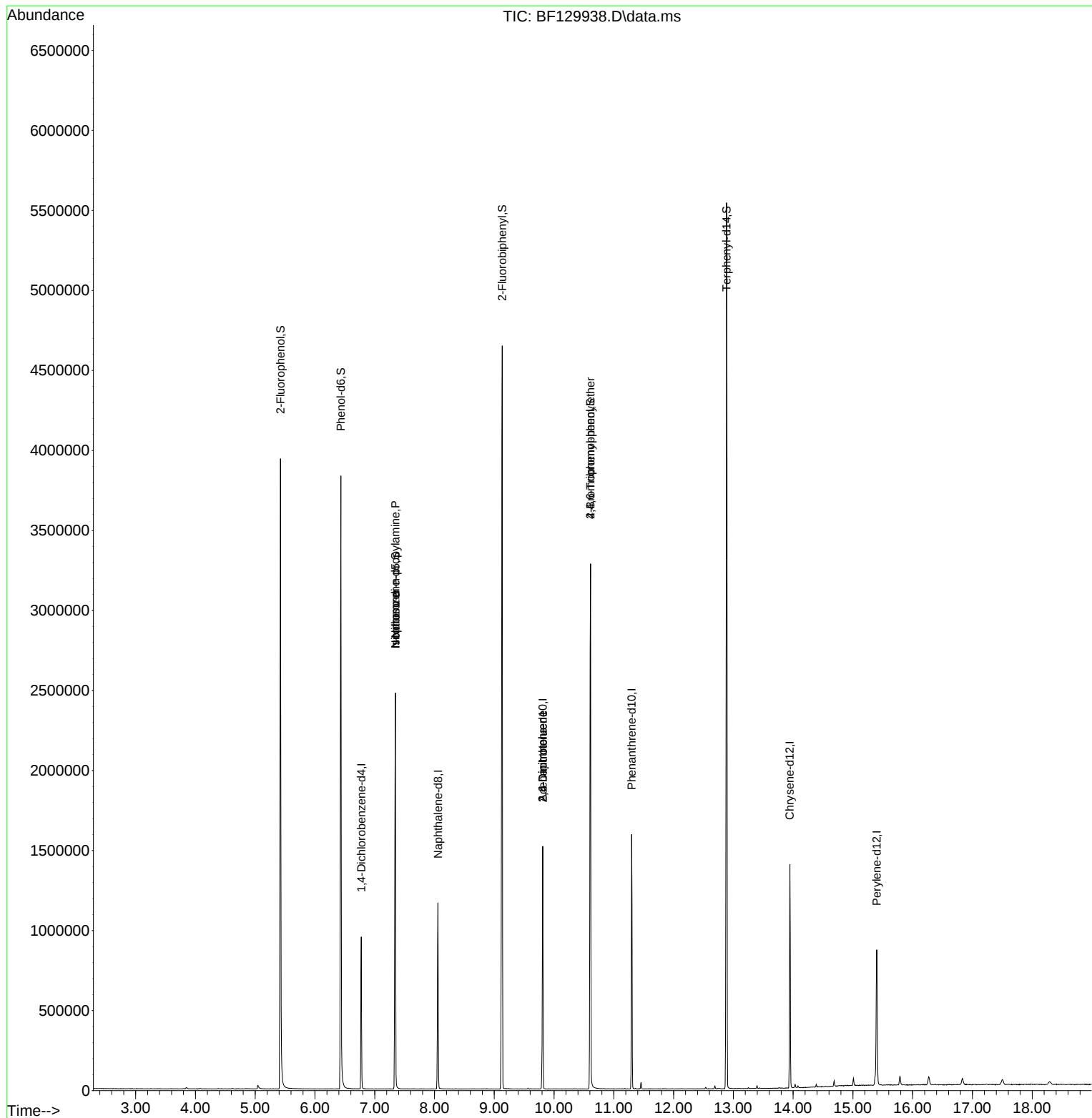
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	131099	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	526390	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	293696	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	531611	20.000	ng	0.00
76) Chrysene-d12	13.945	240	441532	20.000	ng	0.00
86) Perylene-d12	15.398	264	375267	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1004103	126.812	ng	0.01
7) Phenol-d6	6.434	99	1264714	127.548	ng	0.00
23) Nitrobenzene-d5	7.345	82	827652	84.169	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	383360	130.055	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	1553611	80.343	ng	0.00
79) Terphenyl-d14	12.886	244	1958074	73.791	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.434	77	2239	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.345	70	113251	18.069	ng	# 77
25) Isophorone	7.345	82	827645	48.902	ng	# 65
51) 2,6-Dinitrotoluene	9.810	165	37048	8.112	ng	# 22
57) 2,4-Dinitrotoluene	9.810	165	37048	6.249	ng	# 17
67) 4-Bromophenyl-phenylether	10.610	248	23866	3.833	ng	# 1
77) Benizidine	12.886	184	26914	Below Cal	#	93

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

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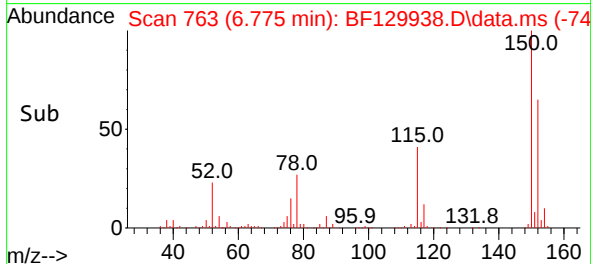
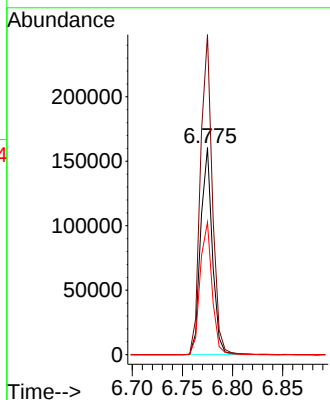
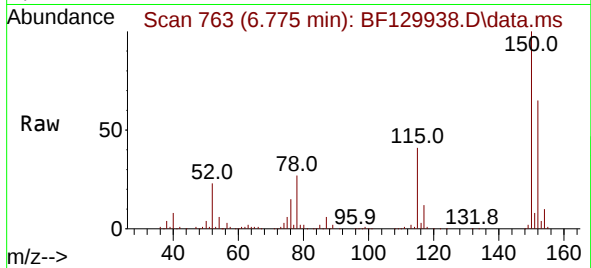




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF129938.D
Acq: 22 Aug 2022 13:23

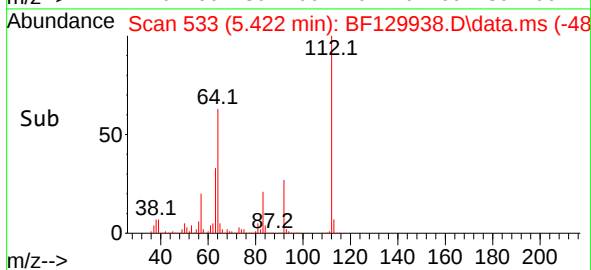
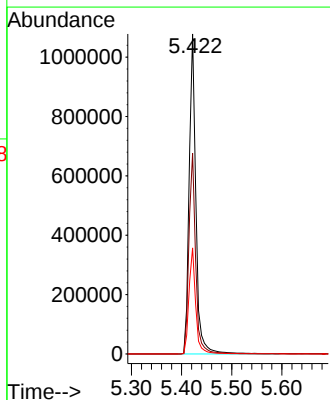
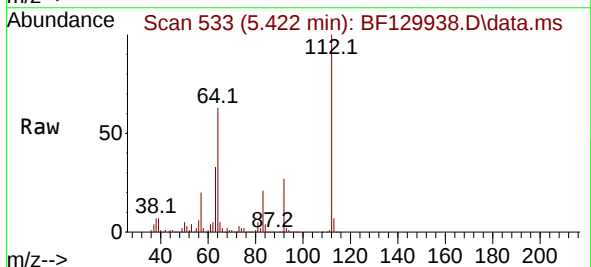
Instrument :
BNA_F
ClientSampleId :
PB147058BL

Tgt Ion:152 Resp: 131099
Ion Ratio Lower Upper
152 100
150 154.6 126.9 190.3
115 64.0 53.4 80.0



#5
2-Fluorophenol
Concen: 126.812 ng
RT: 5.422 min Scan# 533
Delta R.T. 0.012 min
Lab File: BF129938.D
Acq: 22 Aug 2022 13:23

Tgt Ion:112 Resp: 1004103
Ion Ratio Lower Upper
112 100
64 62.8 47.6 71.4
63 33.2 24.6 37.0

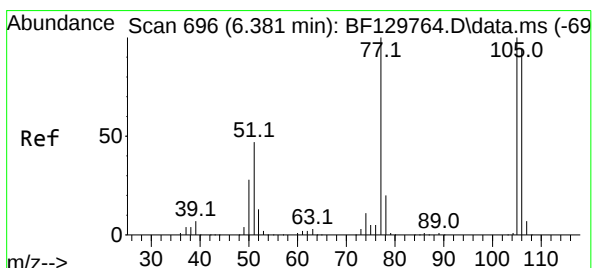
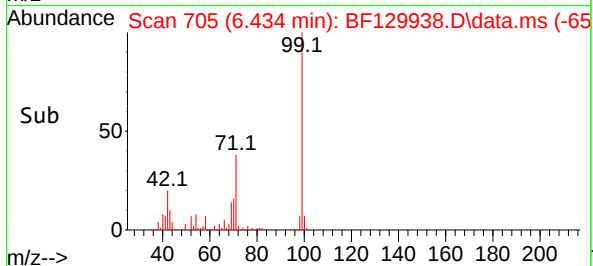
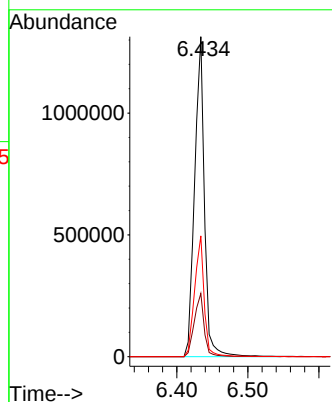
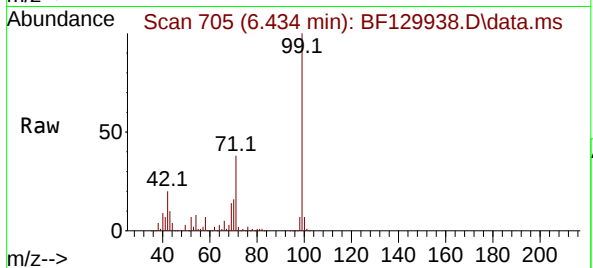




#7
Phenol-d6
Concen: 127.548 ng
RT: 6.434 min Scan# 705
Delta R.T. 0.000 min
Lab File: BF129938.D
Acq: 22 Aug 2022 13:23

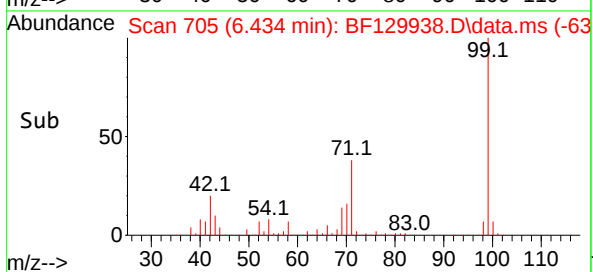
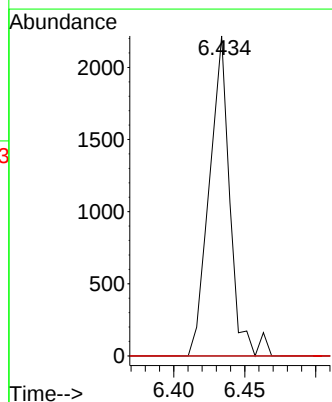
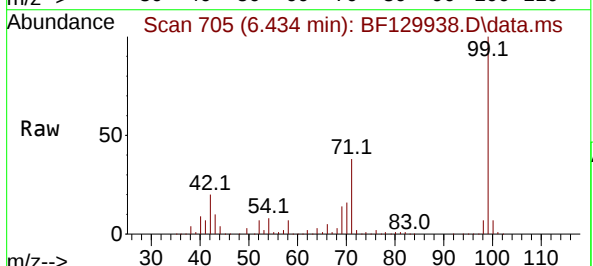
Instrument :
BNA_F
ClientSampleId :
PB147058BL

Tgt Ion: 99 Resp: 1264714
Ion Ratio Lower Upper
99 100
42 19.7 15.0 22.4
71 37.8 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.434 min Scan# 705
Delta R.T. 0.100 min
Lab File: BF129938.D
Acq: 22 Aug 2022 13:23

Tgt Ion: 77 Resp: 2239
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

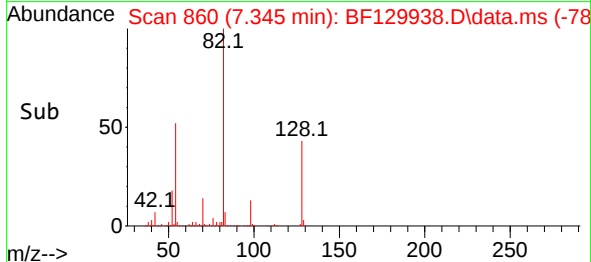
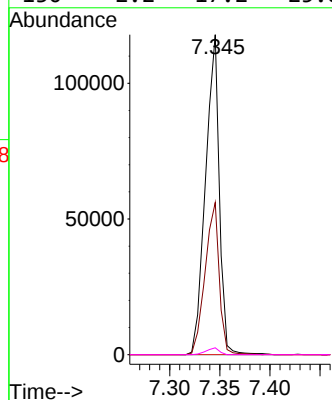
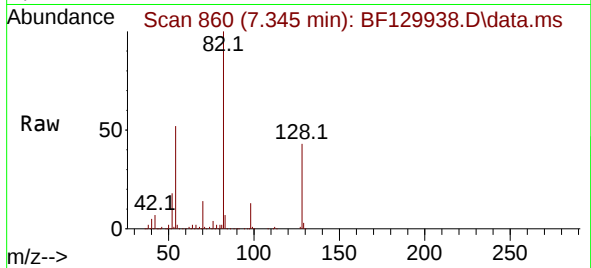




#19
n-Nitroso-di-n-propylamine
Concen: 18.069 ng
RT: 7.345 min Scan# 80
Delta R.T. 0.147 min
Lab File: BF129938.D
Acq: 22 Aug 2022 13:23

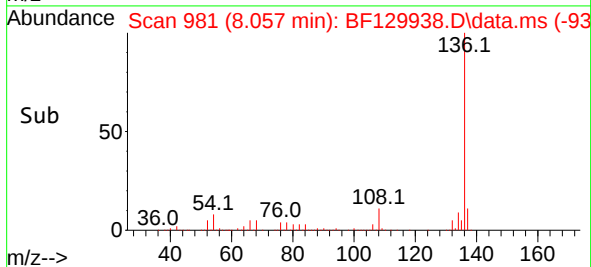
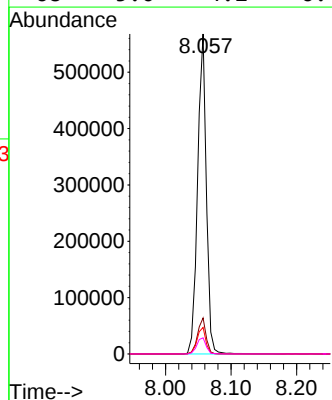
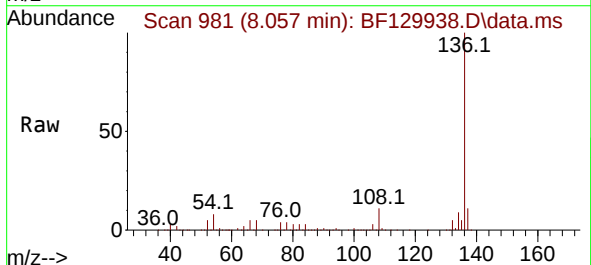
Instrument :
BNA_F
ClientSampleId :
PB147058BL

Tgt Ion: 70 Resp: 113251
Ion Ratio Lower Upper
70 100
42 47.6 47.6 71.4#
101 0.0 8.1 12.1#
130 2.2 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF129938.D
Acq: 22 Aug 2022 13:23

Tgt Ion:136 Resp: 526390
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 8.3 6.2 9.2
68 5.0 4.2 6.4





#23
Nitrobenzene-d5
Concen: 84.169 ng
RT: 7.345 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF129938.D
Acq: 22 Aug 2022 13:23

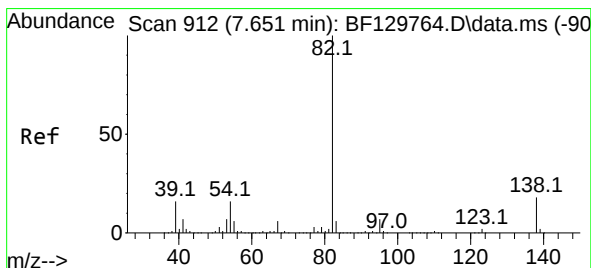
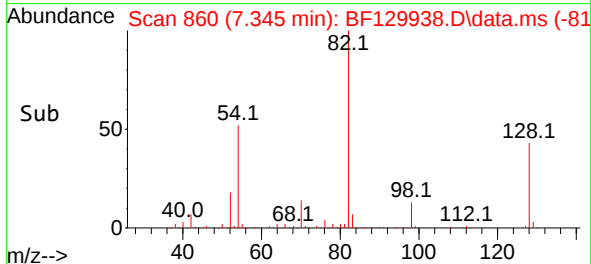
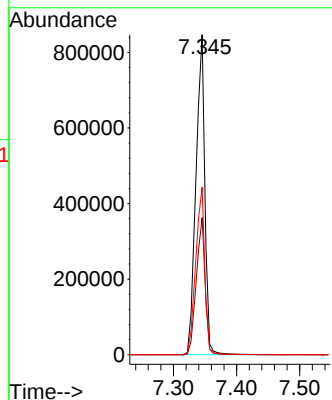
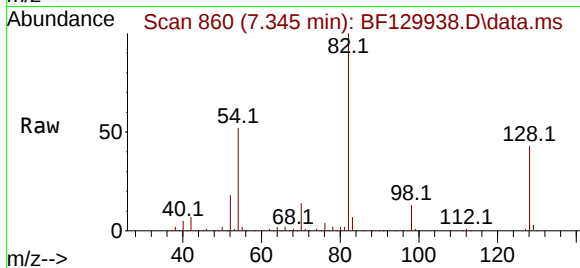
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ClientSampleId :

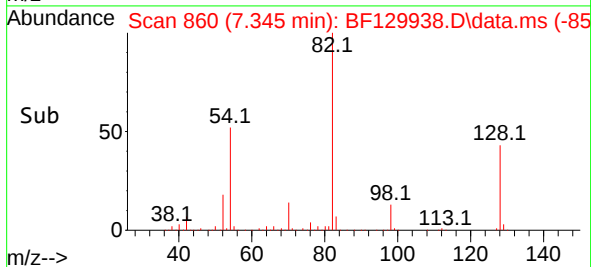
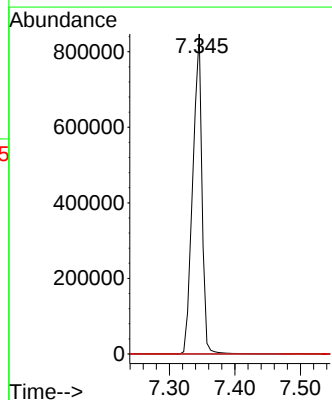
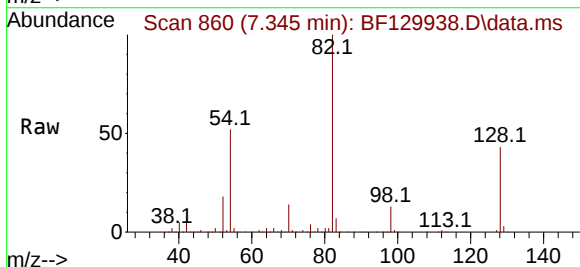
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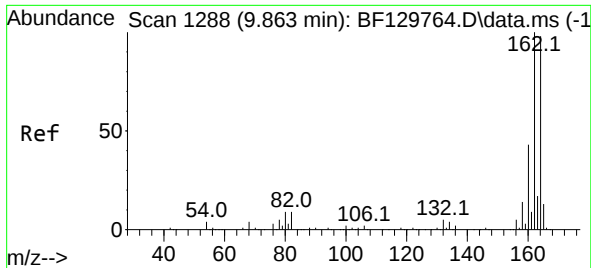
Tgt Ion: 82 Resp: 827652
Ion Ratio Lower Upper
82 100
128 42.8 36.1 54.1
54 52.3 40.0 60.0



#25
Isophorone
Concen: 48.902 ng
RT: 7.345 min Scan# 860
Delta R.T. -0.259 min
Lab File: BF129938.D
Acq: 22 Aug 2022 13:23

Tgt Ion: 82 Resp: 827645
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

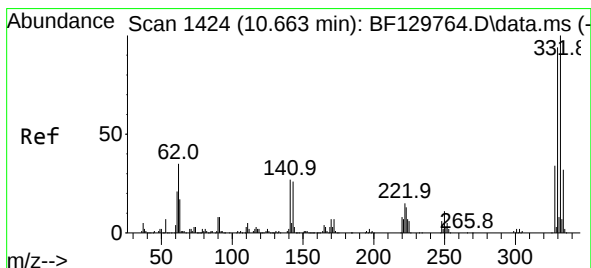
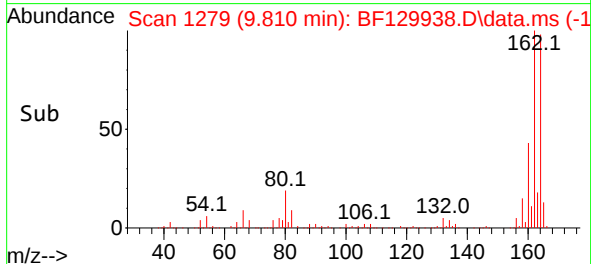
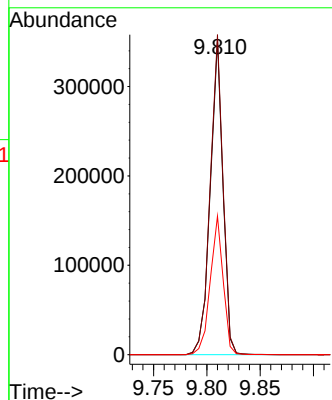
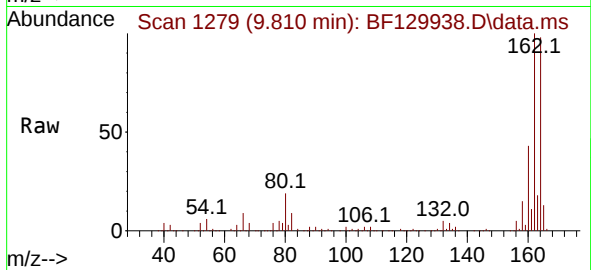




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129938.D
Acq: 22 Aug 2022 13:23

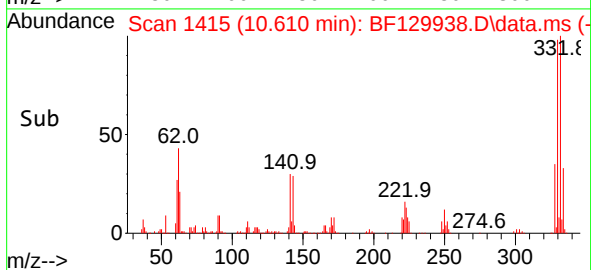
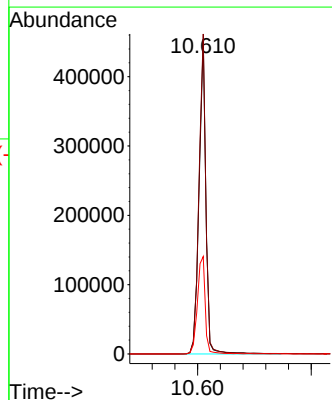
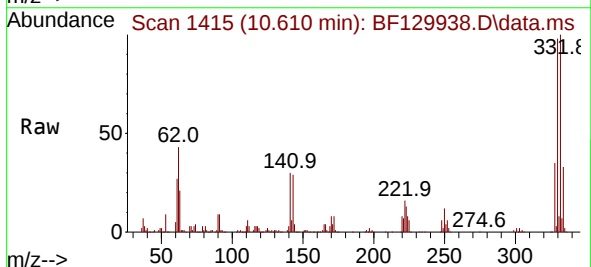
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BNA_F
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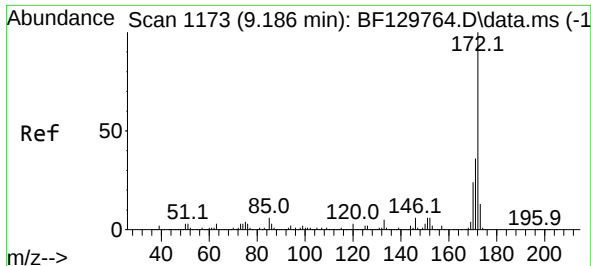
Tgt Ion:164 Resp: 293696
Ion Ratio Lower Upper
164 100
162 101.6 82.0 123.0
160 44.0 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 130.055 ng
RT: 10.610 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF129938.D
Acq: 22 Aug 2022 13:23

Tgt Ion:330 Resp: 383360
Ion Ratio Lower Upper
330 100
332 102.4 82.6 124.0
141 35.4 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 80.343 ng

RT: 9.134 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF129938.D

Acq: 22 Aug 2022 13:23

Instrument :

BNA_F

ClientSampleId :

PB147058BL

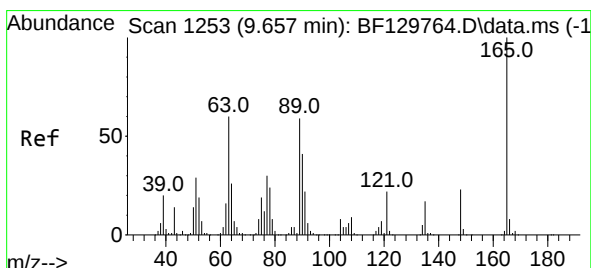
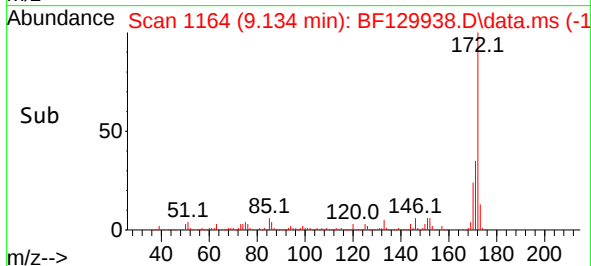
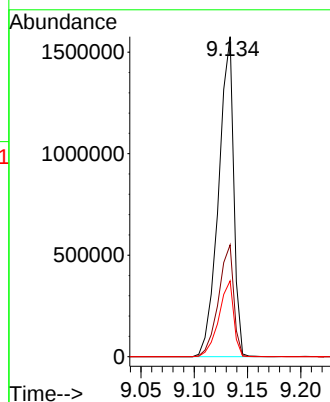
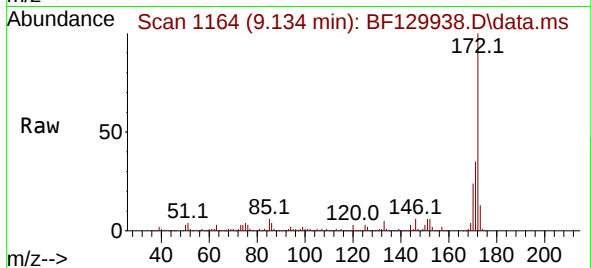
Tgt Ion:172 Resp: 1553611

Ion Ratio Lower Upper

172 100

171 35.0 28.4 42.6

170 23.7 19.1 28.7



#51

2,6-Dinitrotoluene

Concen: 8.112 ng

RT: 9.810 min Scan# 1279

Delta R.T. 0.194 min

Lab File: BF129938.D

Acq: 22 Aug 2022 13:23

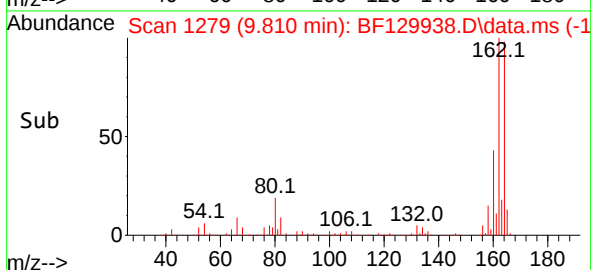
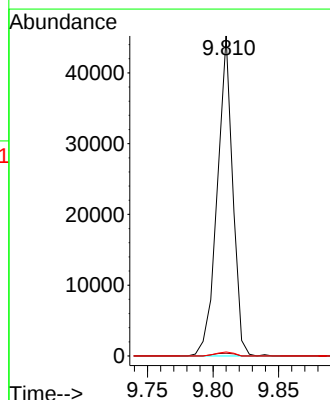
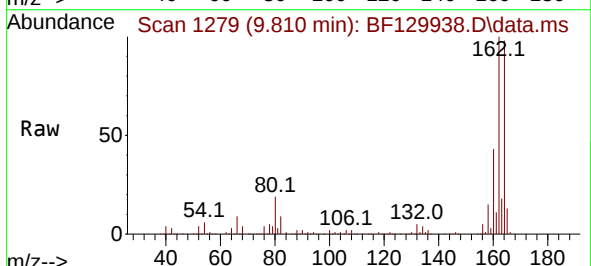
Tgt Ion:165 Resp: 37048

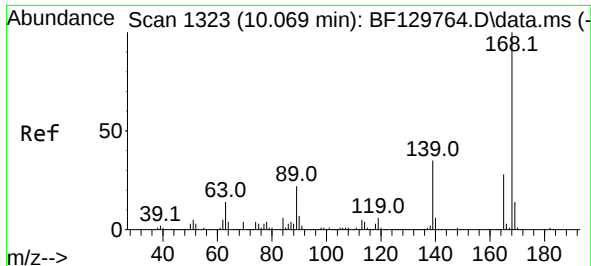
Ion Ratio Lower Upper

165 100

63 0.9 47.8 71.8#

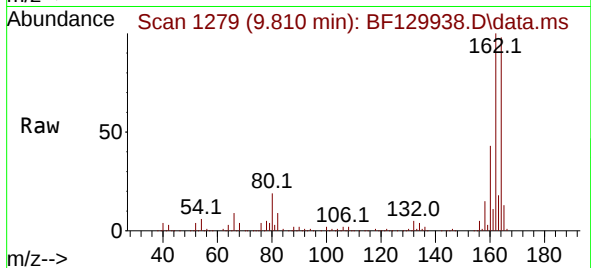
89 1.2 47.2 70.8#



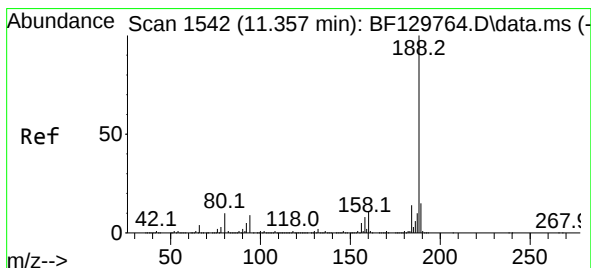
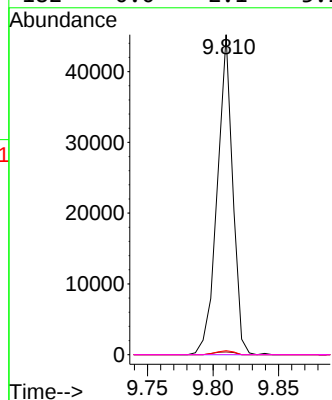
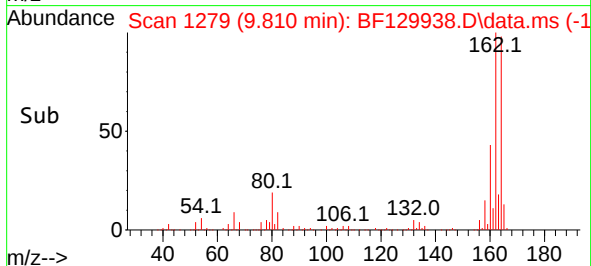


#57
2,4-Dinitrotoluene
Concen: 6.249 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF129938.D
Acq: 22 Aug 2022 13:23

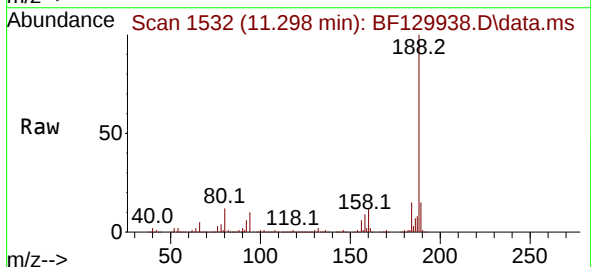
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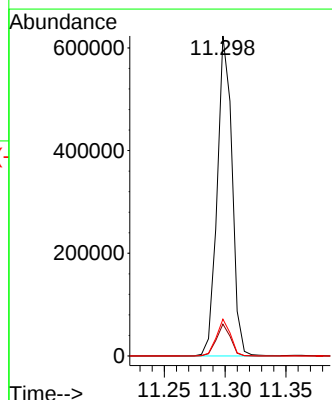
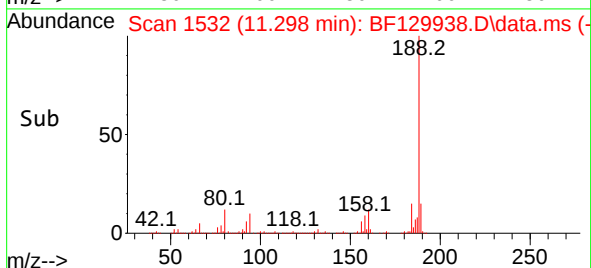
Tgt Ion:165 Resp: 37048
Ion Ratio Lower Upper
165 100
63 0.9 48.4 72.6#
89 1.2 62.3 93.5#
182 0.0 2.1 3.1#

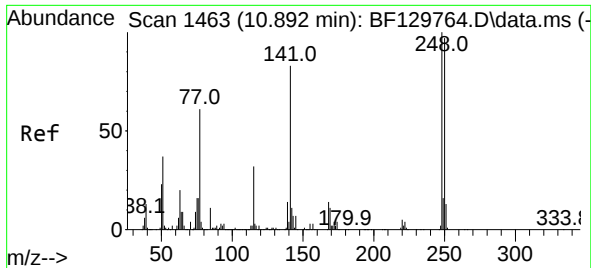


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1532
Delta R.T. -0.006 min
Lab File: BF129938.D
Acq: 22 Aug 2022 13:23



Tgt Ion:188 Resp: 531611
Ion Ratio Lower Upper
188 100
94 9.9 7.4 11.2
80 11.5 7.9 11.9

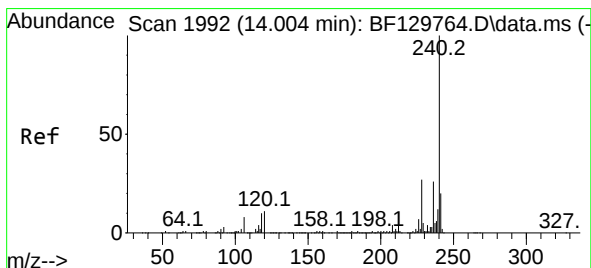
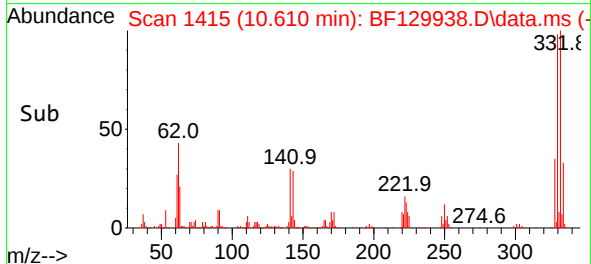
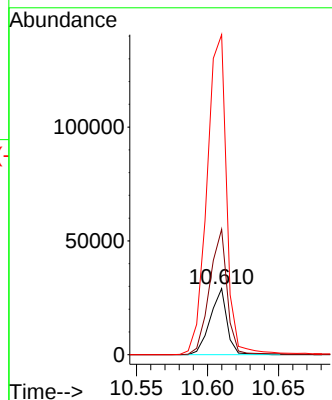
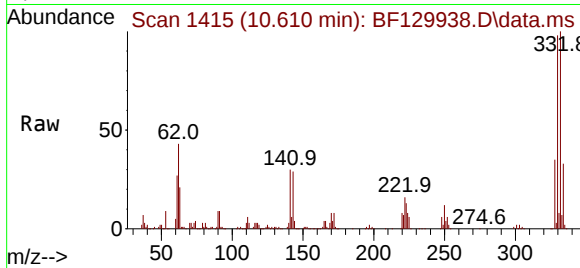




#67
4-Bromophenyl-phenylether
Concen: 3.833 ng
RT: 10.610 min Scan# 1463
Delta R.T. -0.235 min
Lab File: BF129938.D
Acq: 22 Aug 2022 13:23

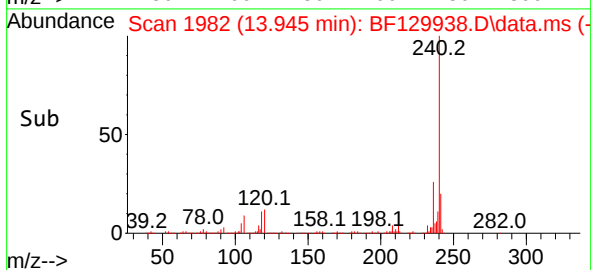
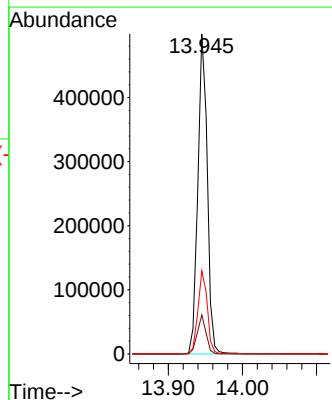
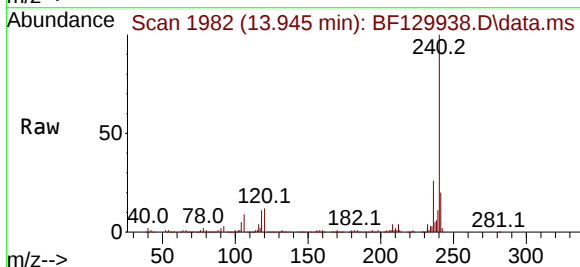
Instrument :
BNA_F
ClientSampleId :
PB147058BL

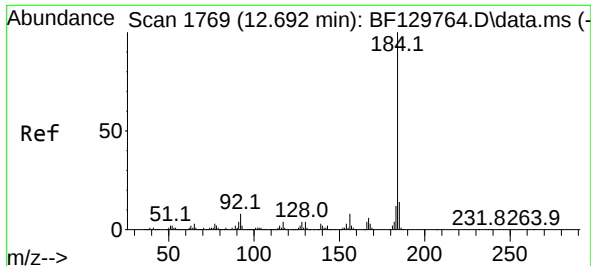
Tgt Ion:248 Resp: 23866
Ion Ratio Lower Upper
248 100
250 189.5 77.8 116.6#
141 483.7 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BF129938.D
Acq: 22 Aug 2022 13:23

Tgt Ion:240 Resp: 441532
Ion Ratio Lower Upper
240 100
120 12.2 9.2 13.8
236 26.0 20.7 31.1

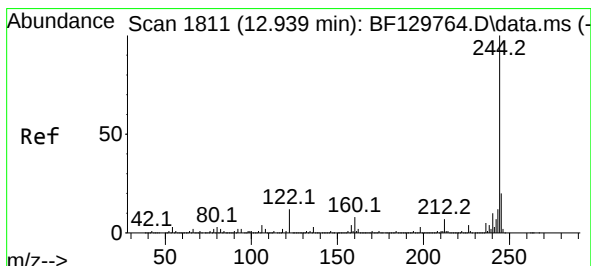
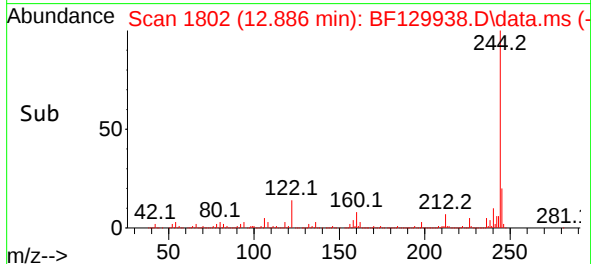
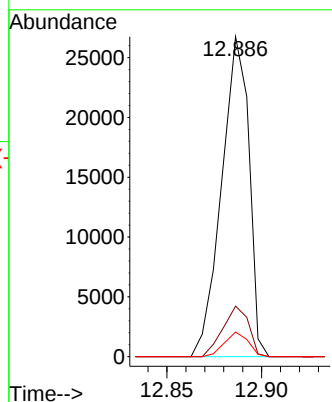
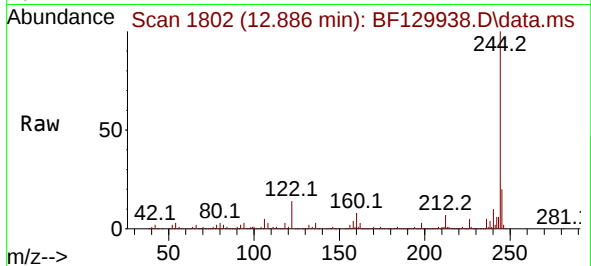




#77
Benzidine
Concen: Below Cal
RT: 12.886 min Scan# 1802
Delta R.T. 0.241 min
Lab File: BF129938.D
Acq: 22 Aug 2022 13:23

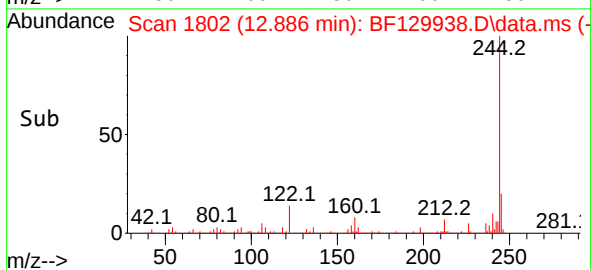
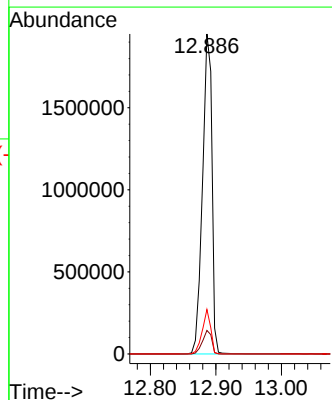
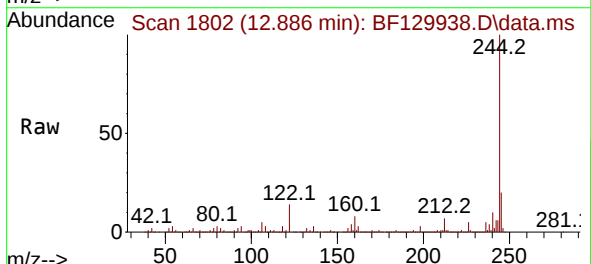
Instrument :
BNA_F
ClientSampleId :
PB147058BL

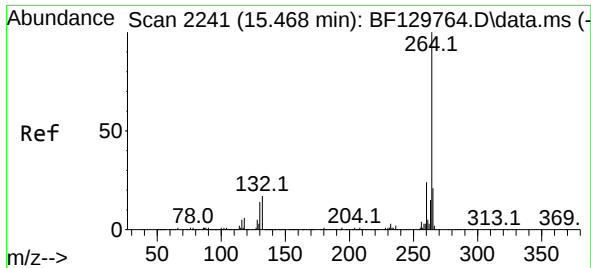
Tgt Ion:184 Resp: 26914
Ion Ratio Lower Upper
184 100
185 15.8 11.4 17.2
183 7.7 9.4 14.2#



#79
Terphenyl-d14
Concen: 73.791 ng
RT: 12.886 min Scan# 1802
Delta R.T. 0.000 min
Lab File: BF129938.D
Acq: 22 Aug 2022 13:23

Tgt Ion:244 Resp: 1958074
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 13.9 9.9 14.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.398 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF129938.D
 Acq: 22 Aug 2022 13:23

Instrument :
 BNA_F
 ClientSampleId :
 PB147058BL

Tgt Ion:264 Resp: 375267
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.1 28.7
 265 21.3 16.7 25.1

