

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081822\
 Data File : BF129873.D
 Acq On : 18 Aug 2022 13:39
 Operator : CG\JU
 Sample : N4189-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB19

Quant Time: Aug 18 14:13:51 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)

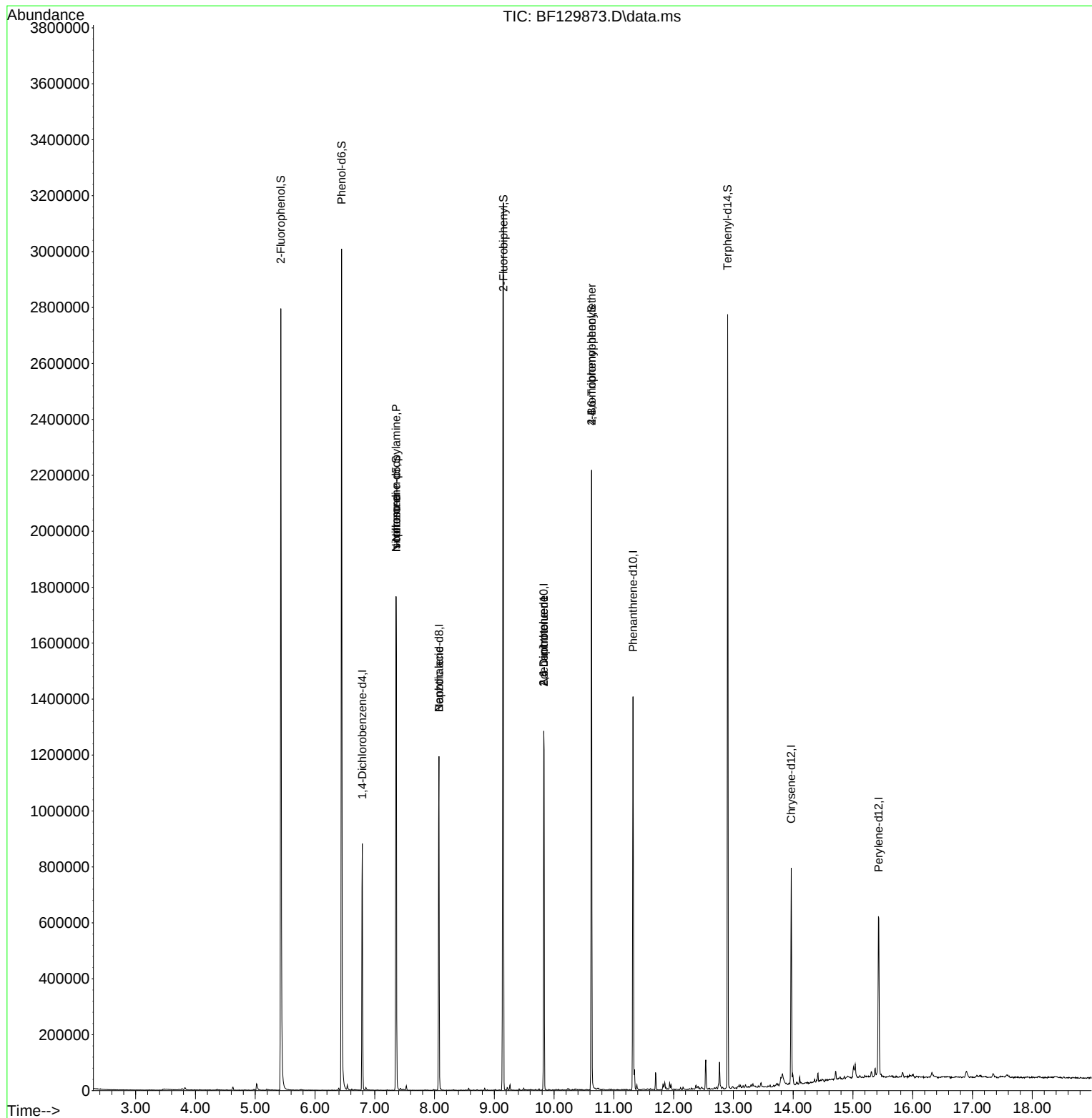
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	129269	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	504103	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	271828	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	451900	20.000	ng	0.00
76) Chrysene-d12	13.968	240	236351	20.000	ng	0.00
86) Perylene-d12	15.427	264	263948	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	753674	96.532	ng	0.00
7) Phenol-d6	6.445	99	928098	94.925	ng	0.00
23) Nitrobenzene-d5	7.357	82	588493	62.493	ng	-0.01
42) 2,4,6-Tribromophenol	10.627	330	240543	88.169	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	992032	55.429	ng	0.00
79) Terphenyl-d14	12.904	244	870237	61.266	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.445	77	1567	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.357	70	77317	12.511 ng	#	76
25) Isophorone	7.357	82	588477	36.308 ng	#	65
32) Benzoic acid	8.075	122	64	2.177 ng	#	1
51) 2,6-Dinitrotoluene	9.827	165	35391	8.372 ng	#	23
57) 2,4-Dinitrotoluene	9.827	165	35391	6.450 ng	#	18
67) 4-Bromophenyl-phenylether	10.627	248	15501	2.929 ng	#	1
77) Benzidine	12.904	184	11731	Below Cal	#	88

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

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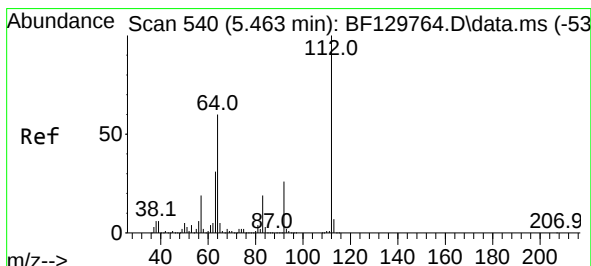
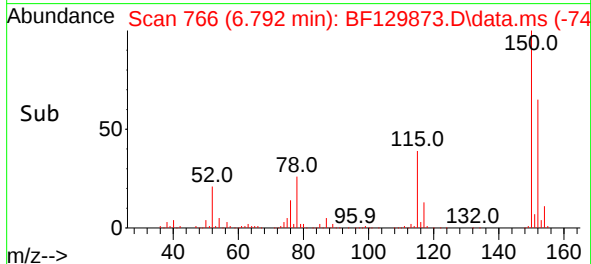
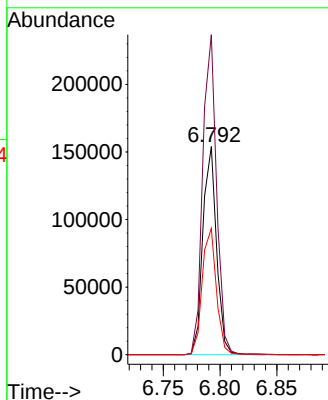
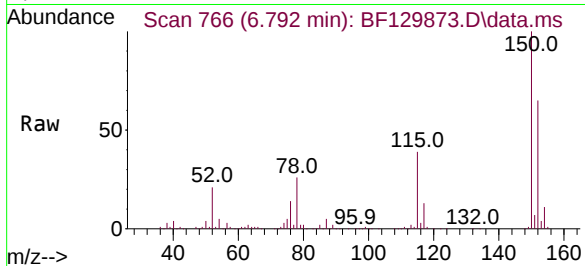




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 771
 Delta R.T. 0.000 min
 Lab File: BF129873.D
 Acq: 18 Aug 2022 13:39

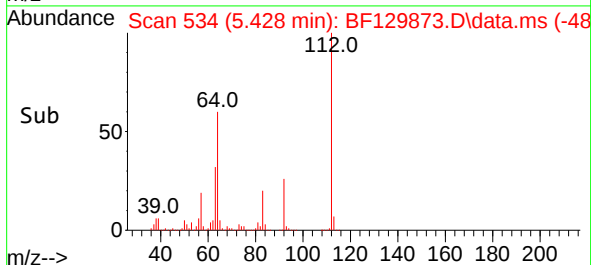
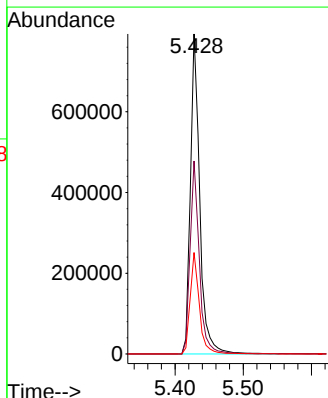
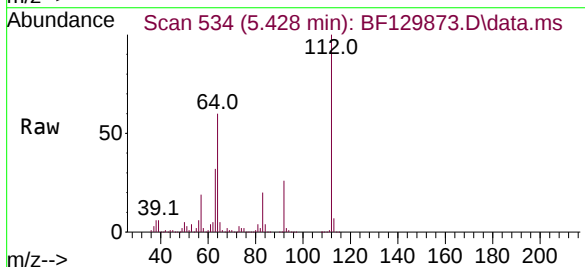
Instrument :
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 ClientSampleId :
 SB19

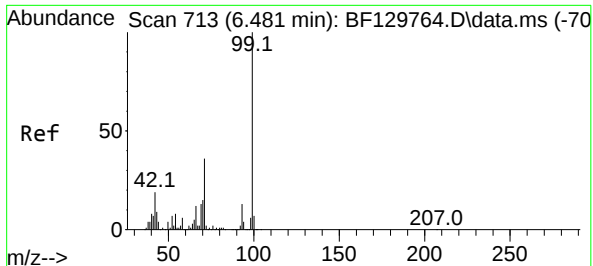
Tgt Ion:152 Resp: 129269
 Ion Ratio Lower Upper
 152 100
 150 153.7 126.9 190.3
 115 60.6 53.4 80.0



#5
 2-Fluorophenol
 Concen: 96.532 ng
 RT: 5.428 min Scan# 534
 Delta R.T. -0.000 min
 Lab File: BF129873.D
 Acq: 18 Aug 2022 13:39

Tgt Ion:112 Resp: 753674
 Ion Ratio Lower Upper
 112 100
 64 60.3 47.6 71.4
 63 31.7 24.6 37.0

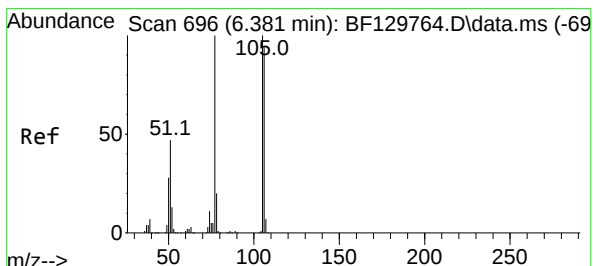
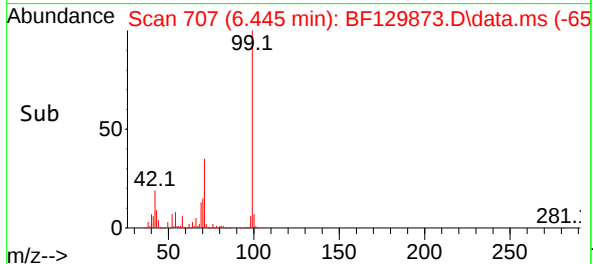
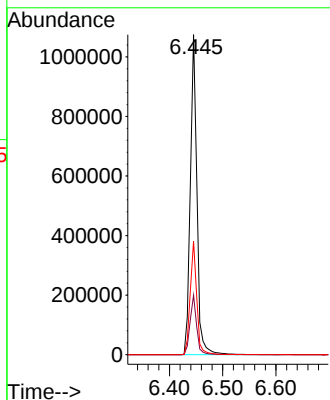
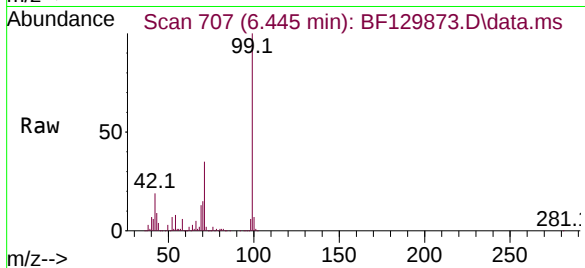




#7
Phenol-d6
Concen: 94.925 ng
RT: 6.445 min Scan# 707
Delta R.T. -0.006 min
Lab File: BF129873.D
Acq: 18 Aug 2022 13:39

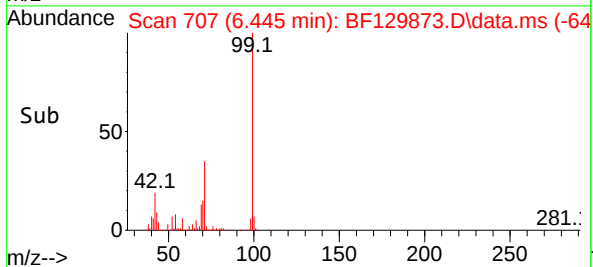
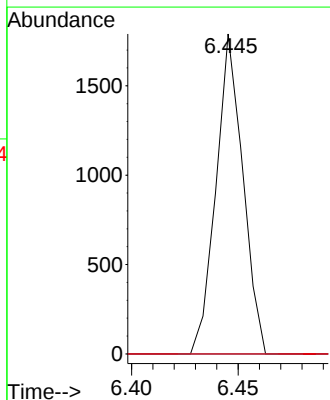
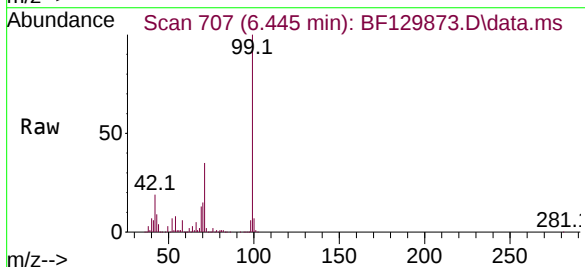
Instrument :
BNA_F
ClientSampleId :
SB19

Tgt Ion: 99 Resp: 928098
Ion Ratio Lower Upper
99 100
42 18.6 15.0 22.4
71 35.5 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.445 min Scan# 707
Delta R.T. 0.094 min
Lab File: BF129873.D
Acq: 18 Aug 2022 13:39

Tgt Ion: 77 Resp: 1567
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

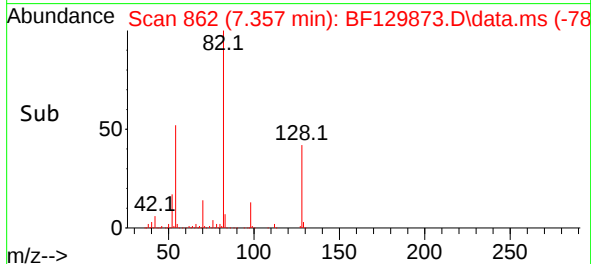
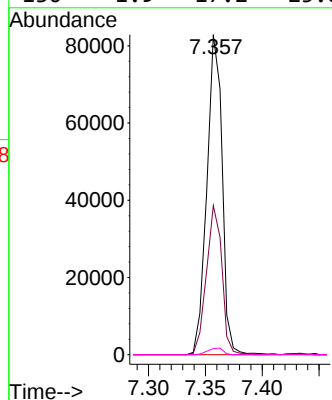
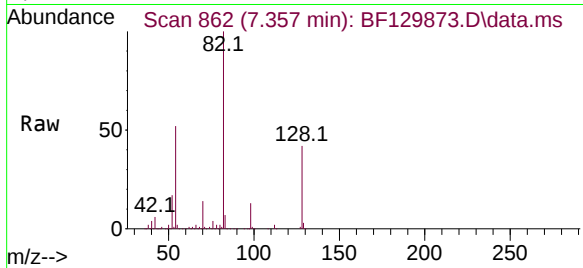




#19
n-Nitroso-di-n-propylamine
Concen: 12.511 ng
RT: 7.357 min Scan# 80
Delta R.T. 0.147 min
Lab File: BF129873.D
Acq: 18 Aug 2022 13:39

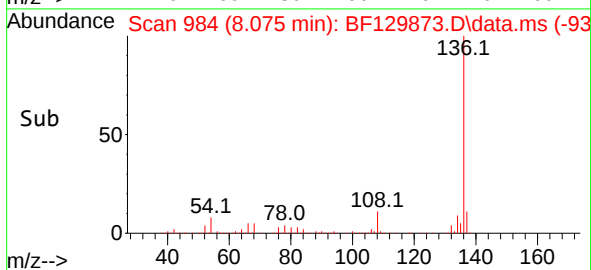
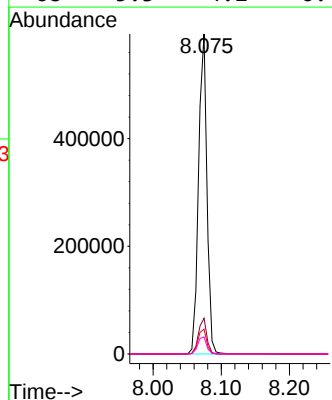
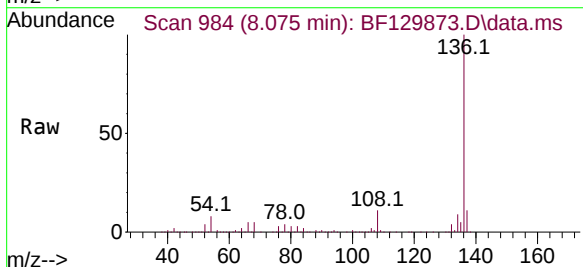
Instrument :
BNA_F
ClientSampleId :
SB19

Tgt Ion:	70	Resp:	77317
Ion	Ratio	Lower	Upper
70	100		
42	46.6	47.6	71.4#
101	0.0	8.1	12.1#
130	1.9	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: BF129873.D
Acq: 18 Aug 2022 13:39

Tgt Ion:	136	Resp:	504103
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	7.7	6.2	9.2
68	5.3	4.2	6.4

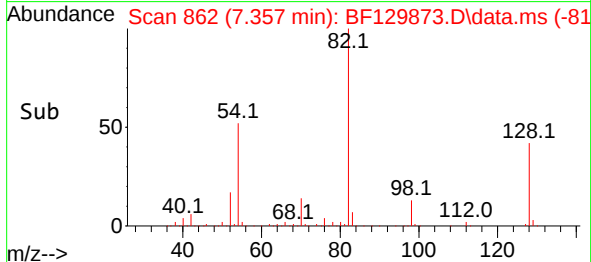
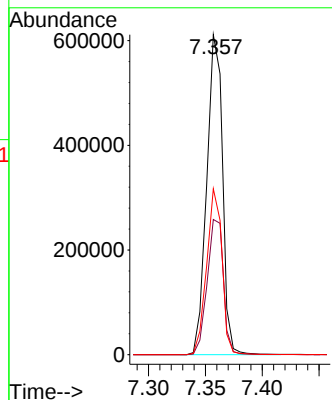
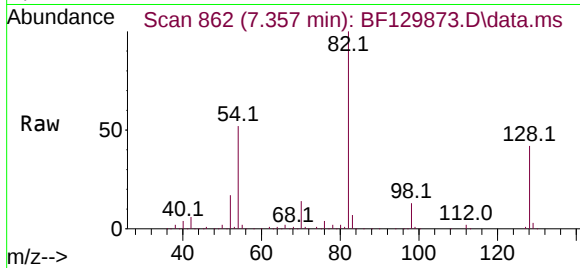




#23
Nitrobenzene-d5
Concen: 62.493 ng
RT: 7.357 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF129873.D
Acq: 18 Aug 2022 13:39

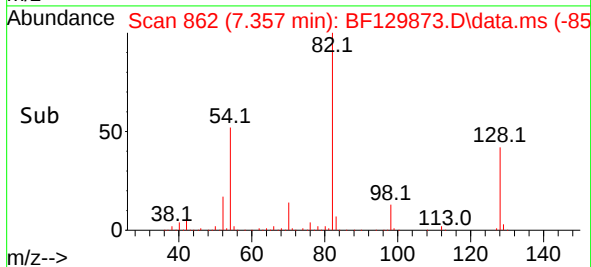
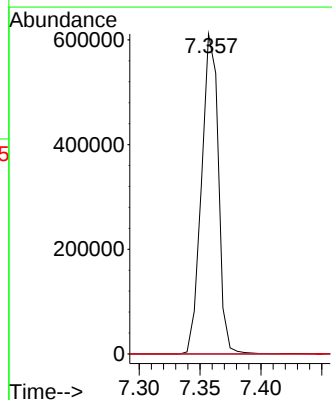
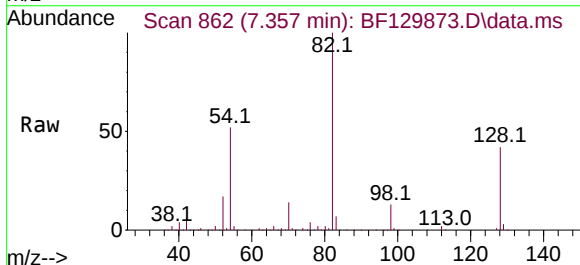
Instrument :
BNA_F
ClientSampleId :
SB19

Tgt Ion: 82 Resp: 588493
Ion Ratio Lower Upper
82 100
128 42.2 36.1 54.1
54 51.9 40.0 60.0



#25
Isophorone
Concen: 36.308 ng
RT: 7.357 min Scan# 862
Delta R.T. -0.265 min
Lab File: BF129873.D
Acq: 18 Aug 2022 13:39

Tgt Ion: 82 Resp: 588477
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

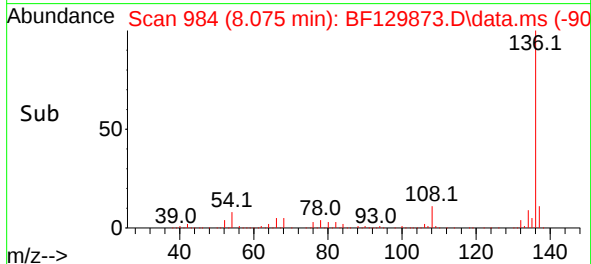
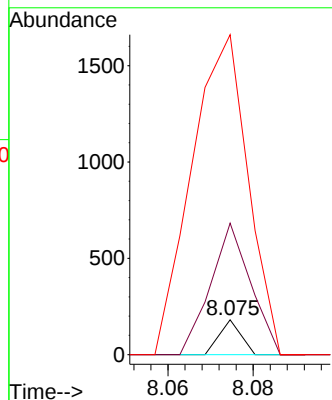
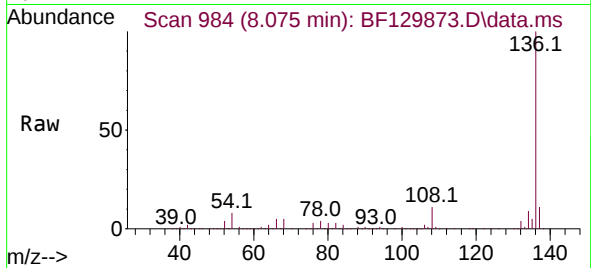




#32
Benzoic acid
Concen: 2.177 ng
RT: 8.075 min Scan# 91
Delta R.T. 0.188 min
Lab File: BF129873.D
Acq: 18 Aug 2022 13:39

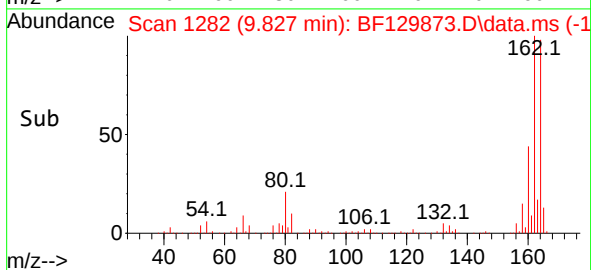
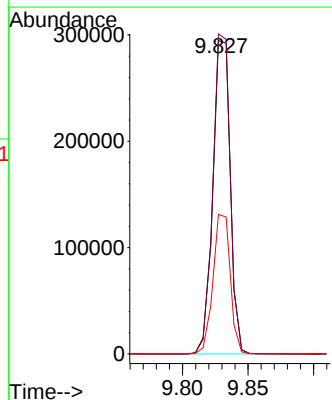
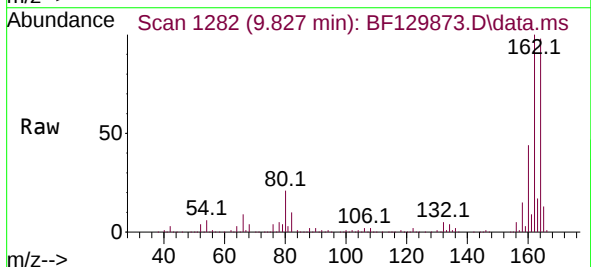
Instrument :
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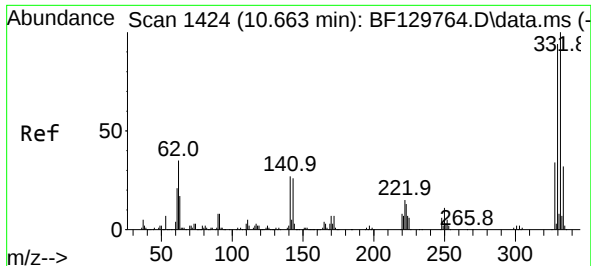
Tgt Ion:122 Resp: 64
Ion Ratio Lower Upper
122 100
105 377.3 99.9 139.9#
77 917.7 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF129873.D
Acq: 18 Aug 2022 13:39

Tgt Ion:164 Resp: 271828
Ion Ratio Lower Upper
164 100
162 102.1 82.0 123.0
160 44.5 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 88.169 ng

RT: 10.627 min Scan# 1424

Delta R.T. -0.000 min

Lab File: BF129873.D

Acq: 18 Aug 2022 13:39

Instrument :

BNA_F

ClientSampleId :

SB19

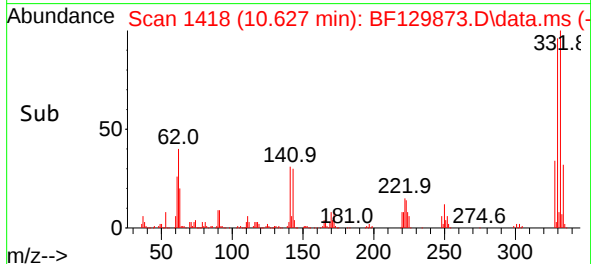
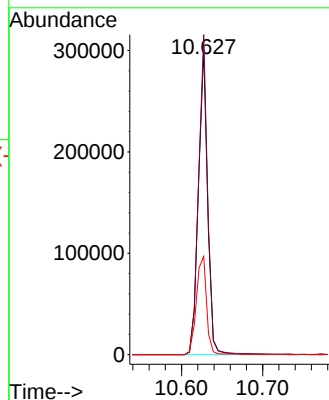
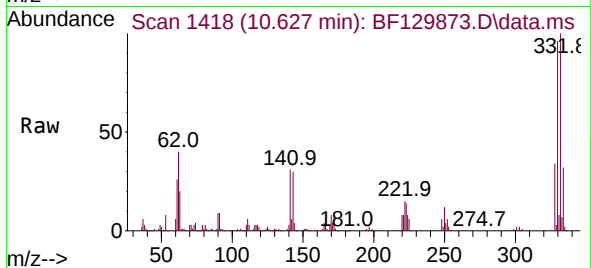
Tgt Ion:330 Resp: 240543

Ion Ratio Lower Upper

330 100

332 103.5 82.6 124.0

141 35.8 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 55.429 ng

RT: 9.151 min Scan# 1167

Delta R.T. -0.000 min

Lab File: BF129873.D

Acq: 18 Aug 2022 13:39

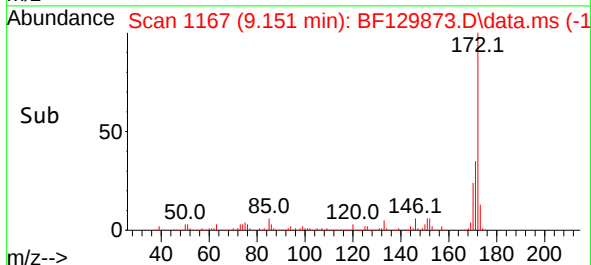
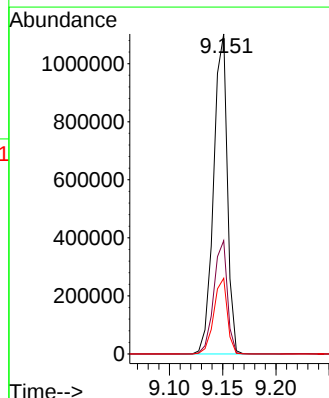
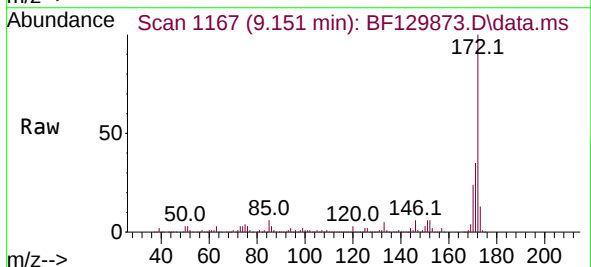
Tgt Ion:172 Resp: 992032

Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.6 19.1 28.7

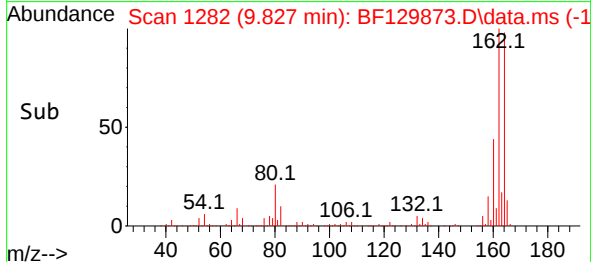
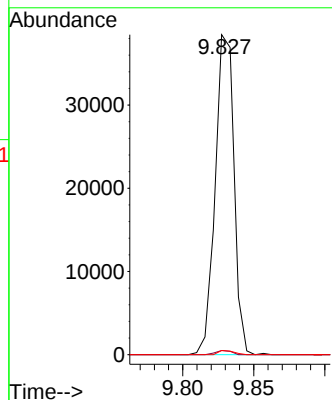
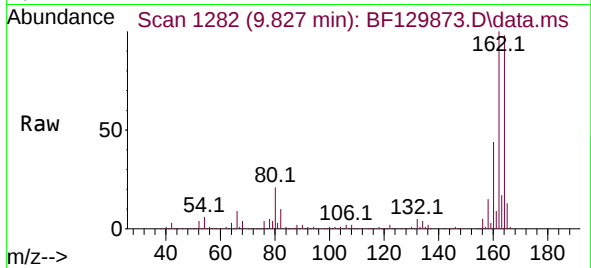




#51
2,6-Dinitrotoluene
Concen: 8.372 ng
RT: 9.827 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF129873.D
Acq: 18 Aug 2022 13:39

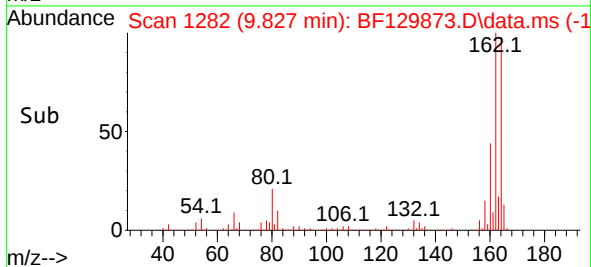
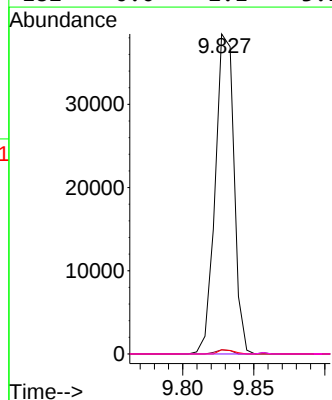
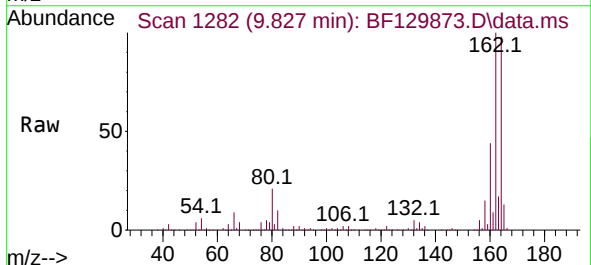
Instrument :
BNA_F
ClientSampleId :
SB19

Tgt Ion:165 Resp: 35391
Ion Ratio Lower Upper
165 100
63 1.3 47.8 71.8#
89 1.3 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.450 ng
RT: 9.827 min Scan# 1282
Delta R.T. -0.212 min
Lab File: BF129873.D
Acq: 18 Aug 2022 13:39

Tgt Ion:165 Resp: 35391
Ion Ratio Lower Upper
165 100
63 1.3 48.4 72.6#
89 1.3 62.3 93.5#
182 0.0 2.1 3.1#

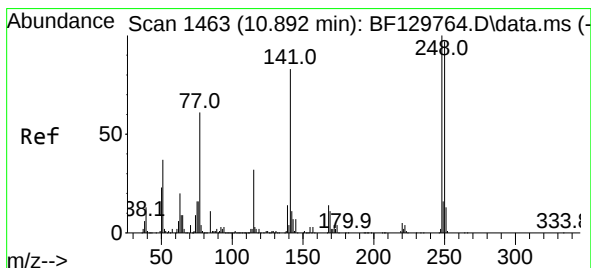
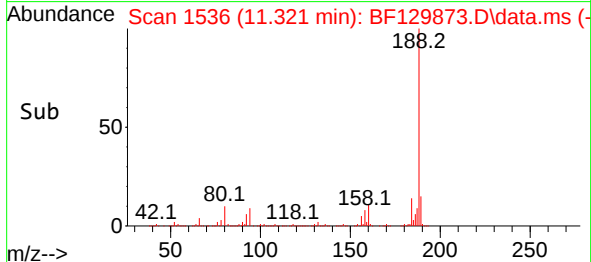
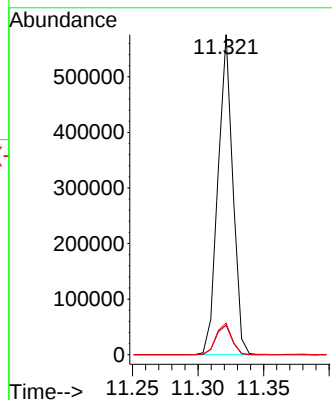
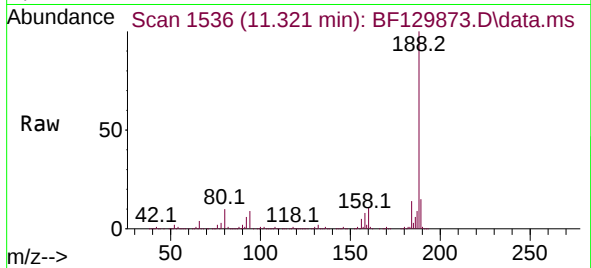




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129873.D
Acq: 18 Aug 2022 13:39

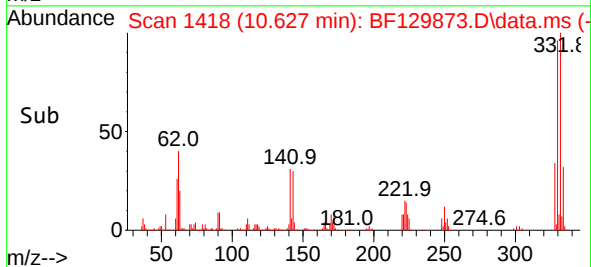
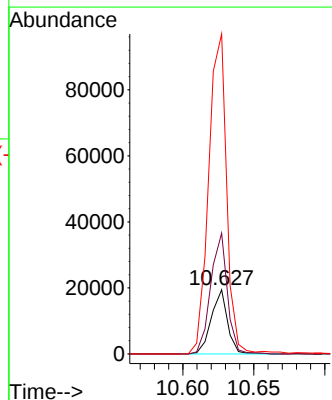
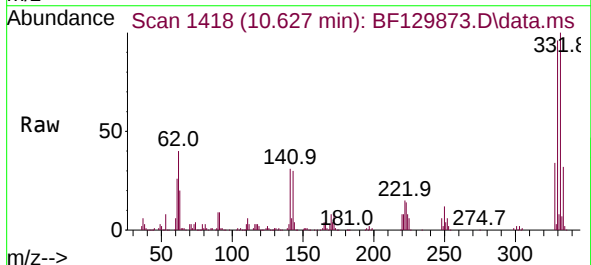
Instrument :
BNA_F
ClientSampleId :
SB19

Tgt Ion:188 Resp: 451900
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.2
80 9.8 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 2.929 ng
RT: 10.627 min Scan# 1418
Delta R.T. -0.235 min
Lab File: BF129873.D
Acq: 18 Aug 2022 13:39

Tgt Ion:248 Resp: 15501
Ion Ratio Lower Upper
248 100
250 188.2 77.8 116.6#
141 498.8 66.2 99.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF129873.D

Acq: 18 Aug 2022 13:39

Instrument :

BNA_F

ClientSampleId :

SB19

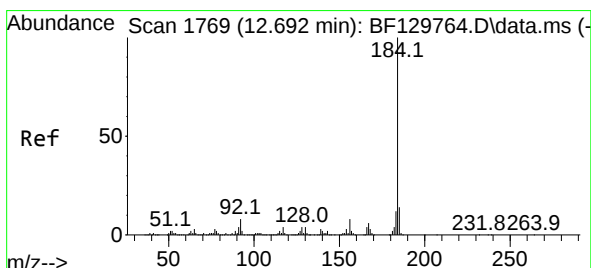
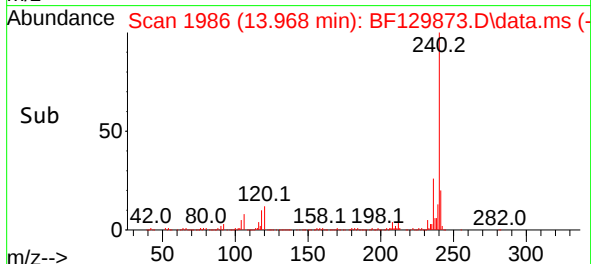
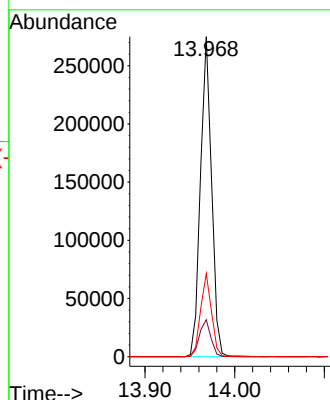
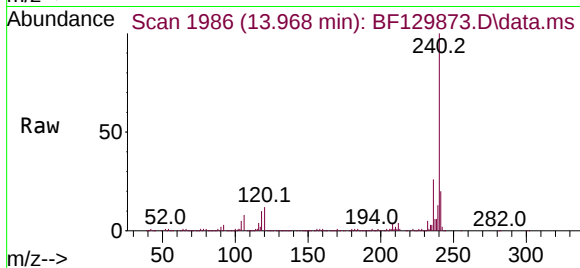
Tgt Ion:240 Resp: 236351

Ion Ratio Lower Upper

240 100

120 11.5 9.2 13.8

236 26.0 20.7 31.1



#77

Benzidine

Concen: Below Cal

RT: 12.904 min Scan# 1805

Delta R.T. 0.241 min

Lab File: BF129873.D

Acq: 18 Aug 2022 13:39

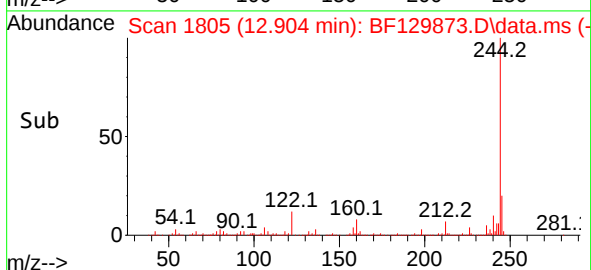
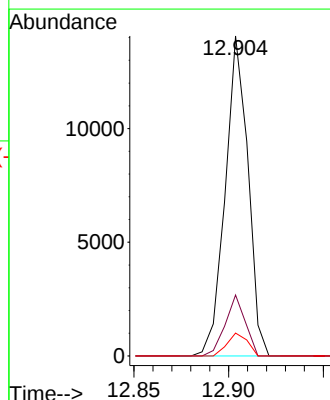
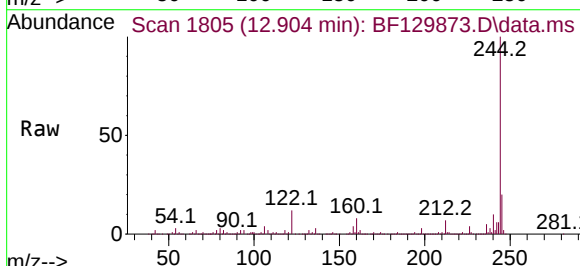
Tgt Ion:184 Resp: 11731

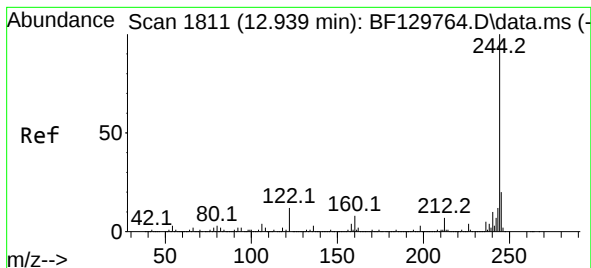
Ion Ratio Lower Upper

184 100

185 19.1 11.4 17.2#

183 7.1 9.4 14.2#





#79

Terphenyl-d14

Concen: 61.266 ng

RT: 12.904 min Scan# 1805

Delta R.T. -0.006 min

Lab File: BF129873.D

Acq: 18 Aug 2022 13:39

Instrument :

BNA_F

ClientSampleId :

SB19

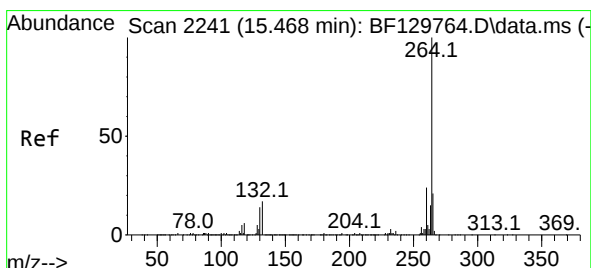
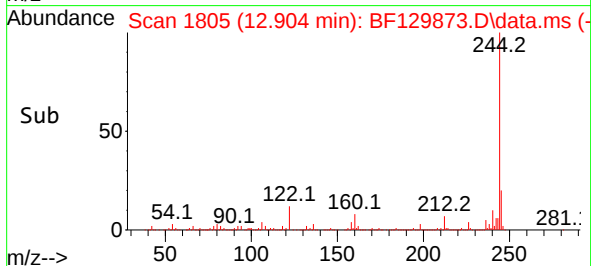
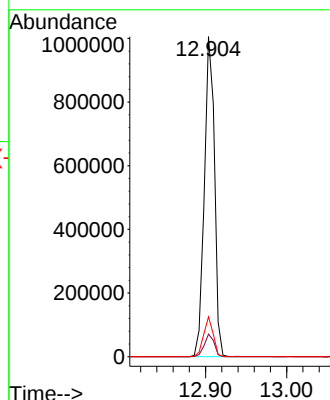
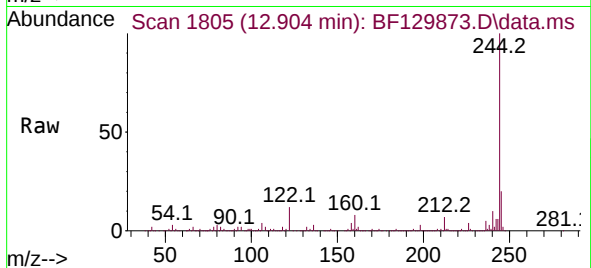
Tgt Ion:244 Resp: 870237

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

122 12.4 9.9 14.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.427 min Scan# 2234

Delta R.T. -0.000 min

Lab File: BF129873.D

Acq: 18 Aug 2022 13:39

Tgt Ion:264 Resp: 263948

Ion Ratio Lower Upper

264 100

260 22.7 19.1 28.7

265 21.4 16.7 25.1

