

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081922\
 Data File : BF129921.D
 Acq On : 19 Aug 2022 21:30
 Operator : CG\JU
 Sample : N4217-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP1-0815

Quant Time: Aug 20 07:53:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 20 07:47:33 2022
 Response via : Initial Calibration

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

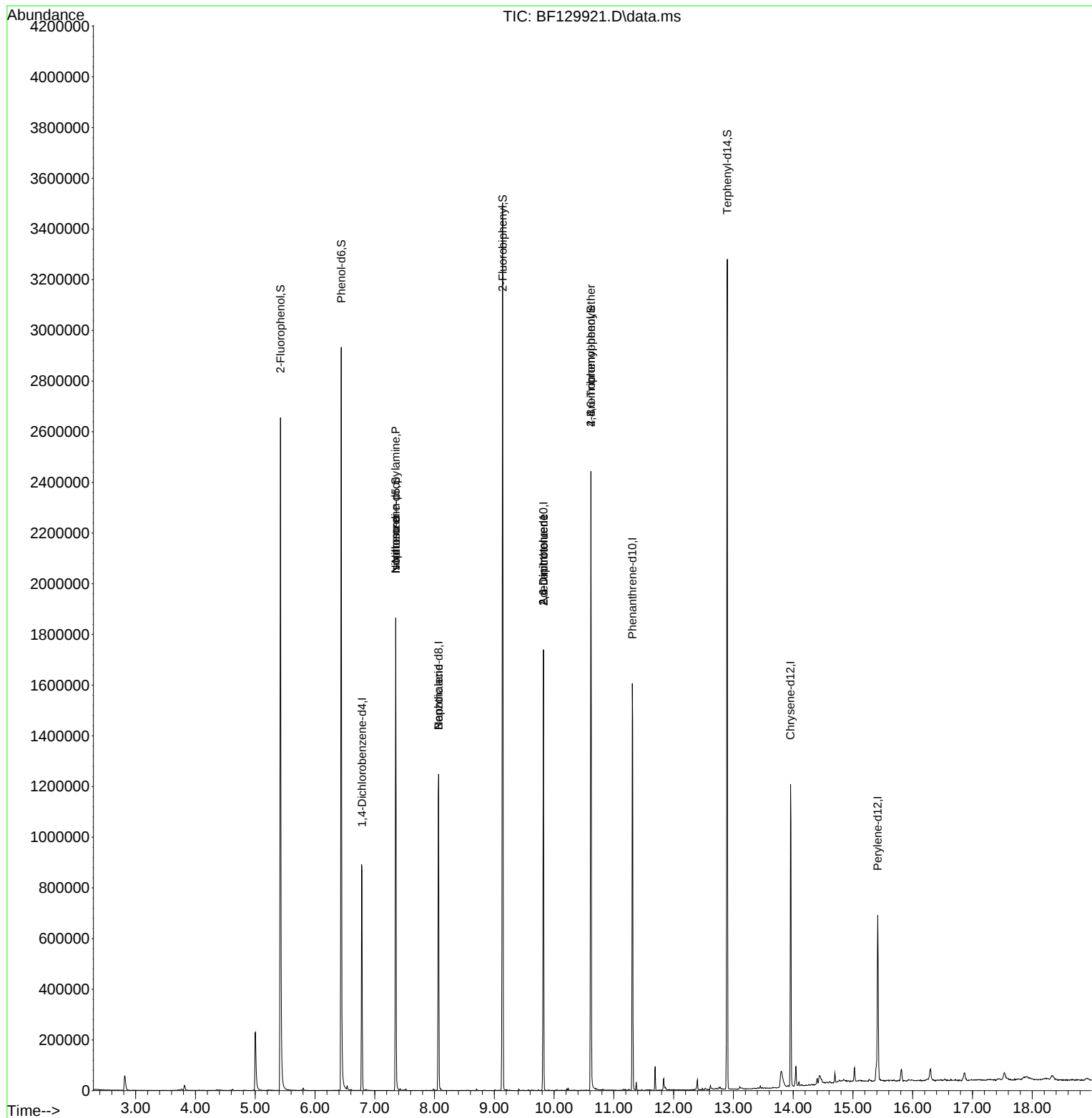
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	142652	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	589100	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	322733	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	569884	20.000	ng	# 0.00
76) Chrysene-d12	13.957	240	400248	20.000	ng	0.00
86) Perylene-d12	15.415	264	278600	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	723163	83.934	ng	0.00
7) Phenol-d6	6.439	99	926120	85.836	ng	0.00
23) Nitrobenzene-d5	7.351	82	575961	52.338	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	270516	83.516	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	1048623	49.349	ng	0.00
79) Terphenyl-d14	12.898	244	1077462	44.793	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.439	77	1539	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.351	70	76611	11.234	ng	# 76
25) Isophorone	7.351	82	575958	30.408	ng	# 65
32) Benzoic acid	8.069	122	183	2.217	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	41382	8.246	ng	# 23
57) 2,4-Dinitrotoluene	9.822	165	41382	6.352	ng	# 18
67) 4-Bromophenyl-phenylether	10.616	248	16730	2.506	ng	# 1
77) Benzidine	12.898	184	14951	Below Cal	#	92

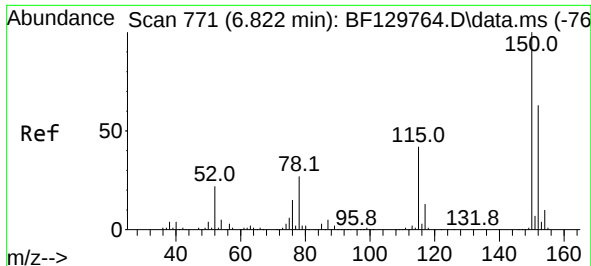
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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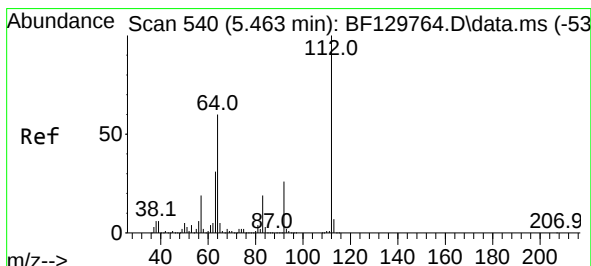
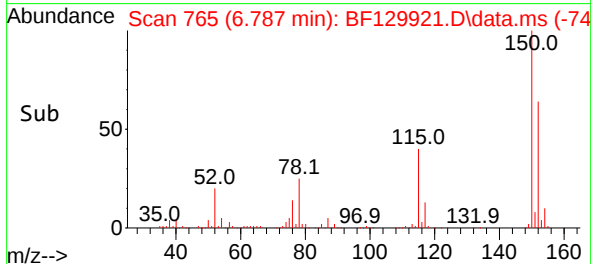
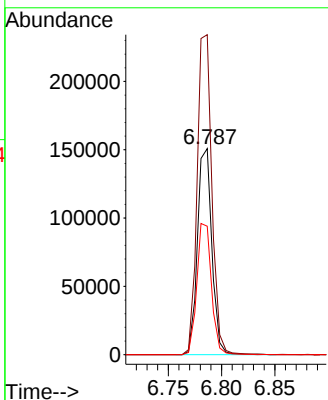
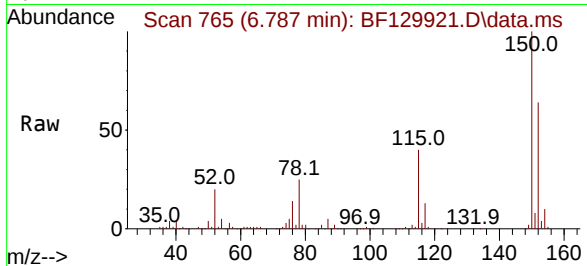




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129921.D
Acq: 19 Aug 2022 21:30

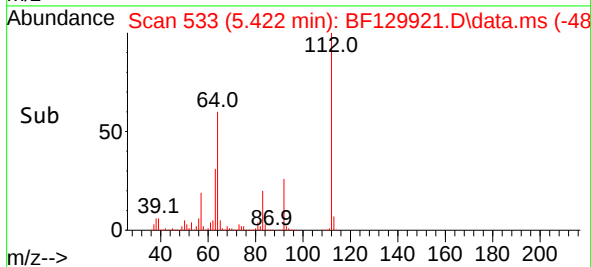
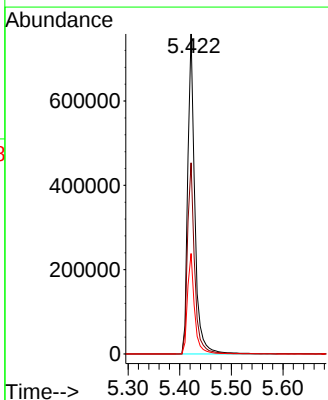
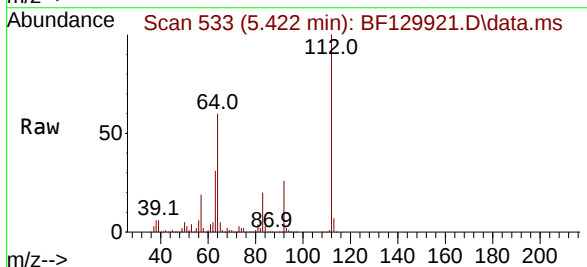
Instrument :
BNA_F
ClientSampleId :
TP1-0815

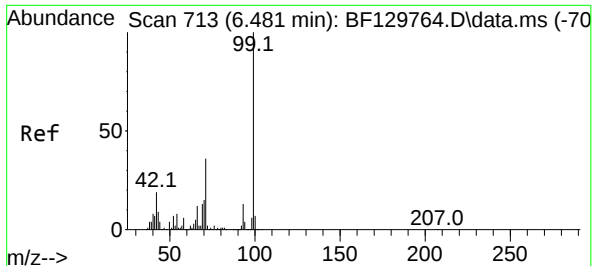
Tgt Ion:152 Resp: 142652
Ion Ratio Lower Upper
152 100
150 155.2 126.9 190.3
115 62.3 53.4 80.0



#5
2-Fluorophenol
Concen: 83.934 ng
RT: 5.422 min Scan# 533
Delta R.T. -0.000 min
Lab File: BF129921.D
Acq: 19 Aug 2022 21:30

Tgt Ion:112 Resp: 723163
Ion Ratio Lower Upper
112 100
64 59.8 47.6 71.4
63 31.4 24.6 37.0

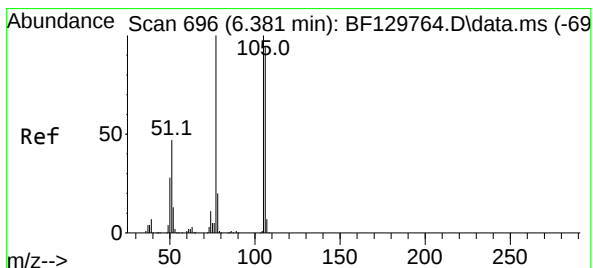
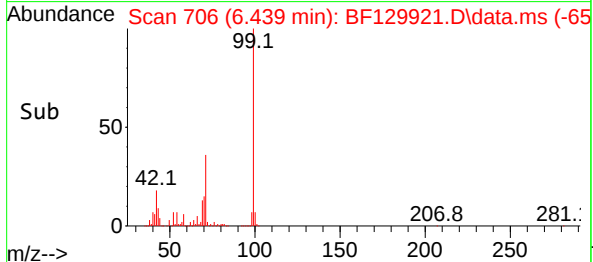
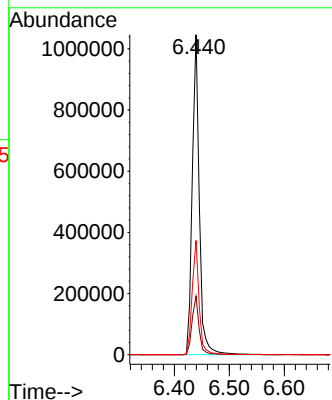
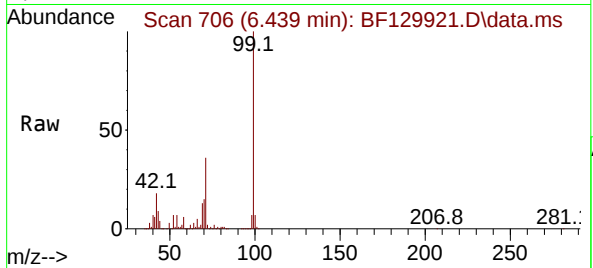




#7
Phenol-d6
Concen: 85.836 ng
RT: 6.439 min Scan# 706
Delta R.T. -0.006 min
Lab File: BF129921.D
Acq: 19 Aug 2022 21:30

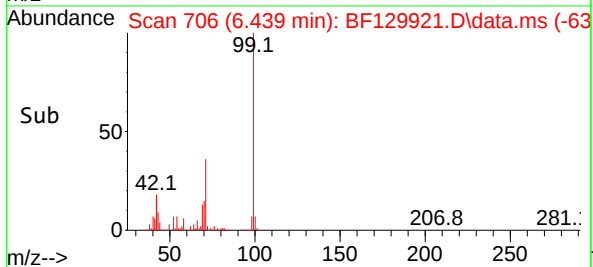
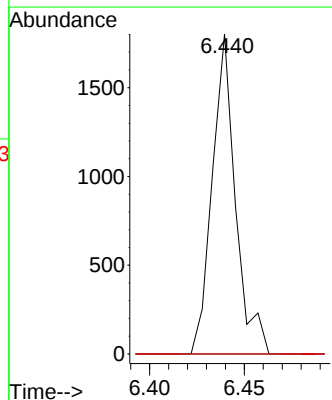
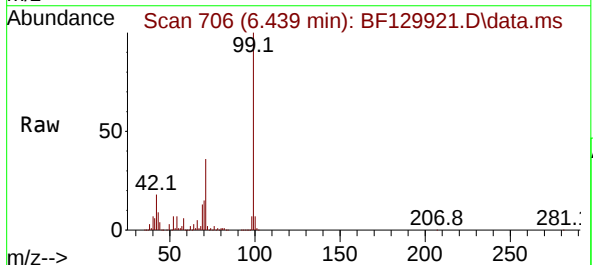
Instrument :
BNA_F
ClientSampleId :
TP1-0815

Tgt Ion: 99 Resp: 926120
Ion Ratio Lower Upper
99 100
42 18.2 15.0 22.4
71 35.7 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.439 min Scan# 706
Delta R.T. 0.094 min
Lab File: BF129921.D
Acq: 19 Aug 2022 21:30

Tgt Ion: 77 Resp: 1539
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

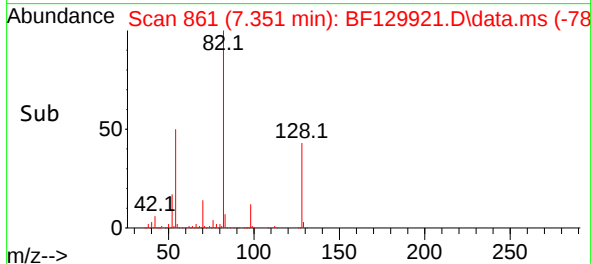
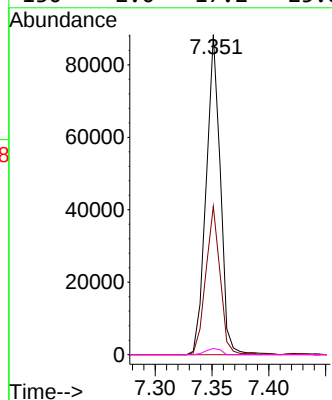
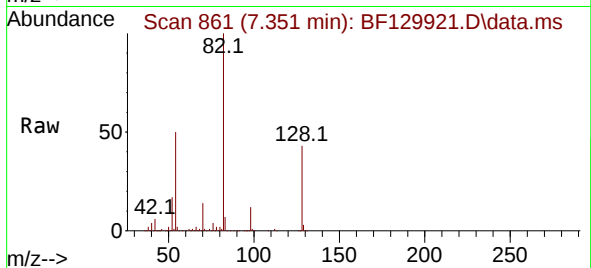




#19
n-Nitroso-di-n-propylamine
Concen: 11.234 ng
RT: 7.351 min Scan# 80
Delta R.T. 0.147 min
Lab File: BF129921.D
Acq: 19 Aug 2022 21:30

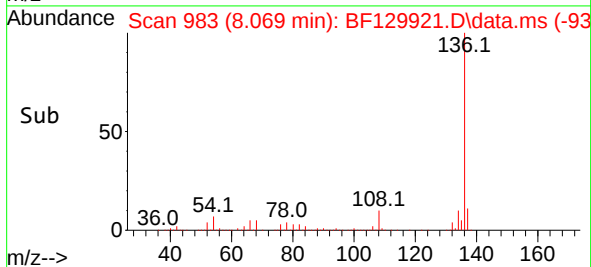
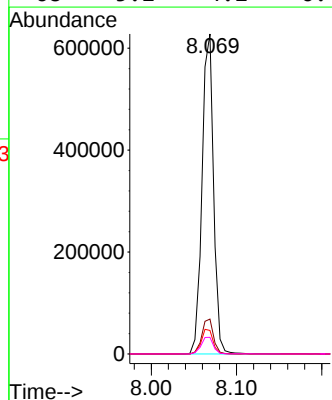
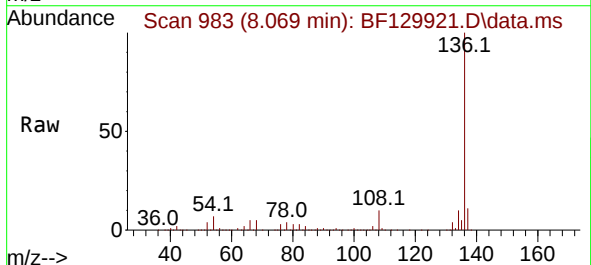
Instrument :
BNA_F
ClientSampleId :
TP1-0815

Tgt Ion: 70 Resp: 76611
Ion Ratio Lower Upper
70 100
42 46.4 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: 8.069 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF129921.D
Acq: 19 Aug 2022 21:30

Tgt Ion: 136 Resp: 589100
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 7.3 6.2 9.2
68 5.2 4.2 6.4

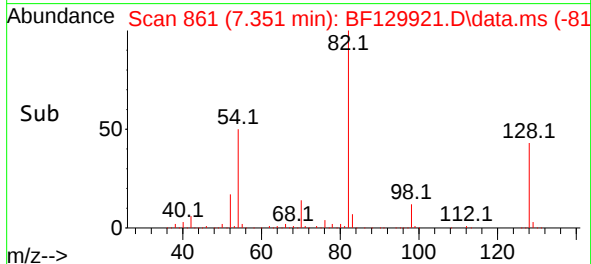
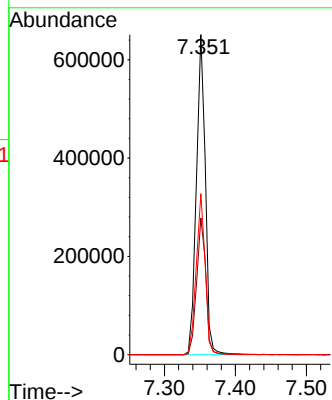
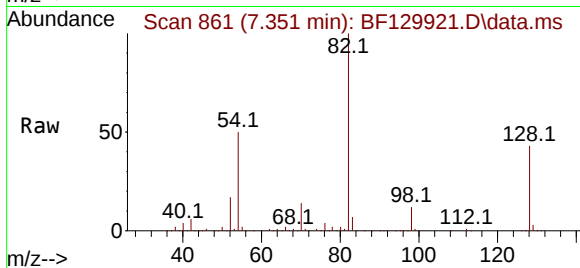




#23
Nitrobenzene-d5
Concen: 52.338 ng
RT: 7.351 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF129921.D
Acq: 19 Aug 2022 21:30

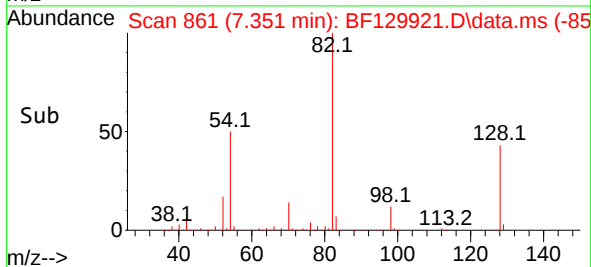
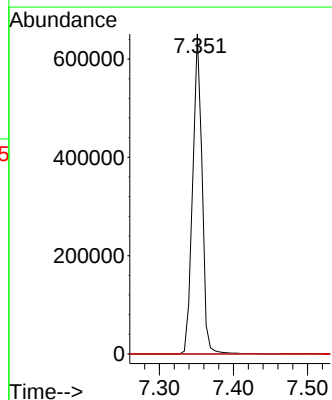
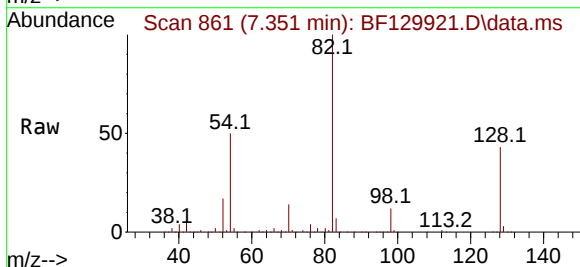
Instrument :
BNA_F
ClientSampleId :
TP1-0815

Tgt Ion: 82 Resp: 575961
Ion Ratio Lower Upper
82 100
128 42.7 36.1 54.1
54 50.3 40.0 60.0



#25
Isophorone
Concen: 30.408 ng
RT: 7.351 min Scan# 861
Delta R.T. -0.265 min
Lab File: BF129921.D
Acq: 19 Aug 2022 21:30

Tgt Ion: 82 Resp: 575958
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

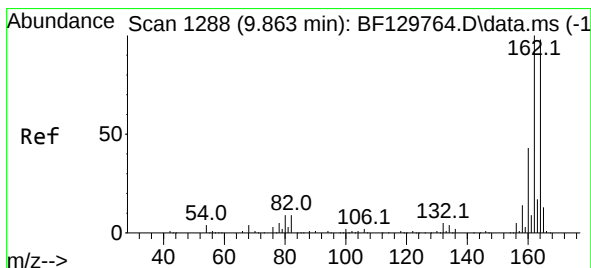
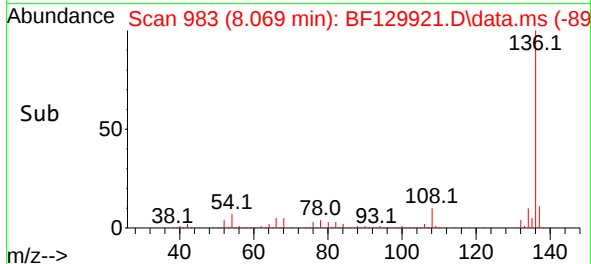
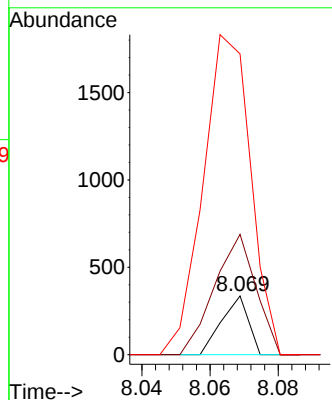
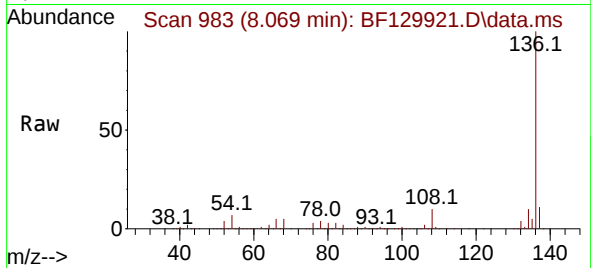




#32
Benzoic acid
Concen: 2.217 ng
RT: 8.069 min Scan# 91
Delta R.T. 0.194 min
Lab File: BF129921.D
Acq: 19 Aug 2022 21:30

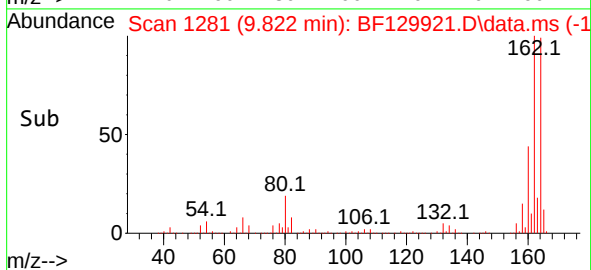
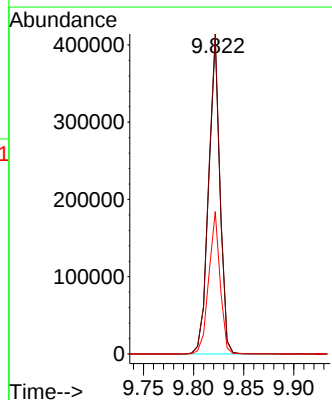
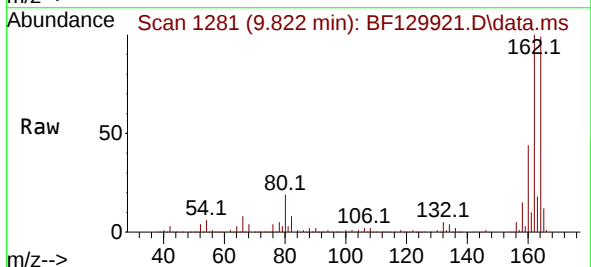
Instrument :
BNA_F
ClientSampleId :
TP1-0815

Tgt Ion:122 Resp: 183
Ion Ratio Lower Upper
122 100
105 204.8 99.9 139.9#
77 512.2 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF129921.D
Acq: 19 Aug 2022 21:30

Tgt Ion:164 Resp: 322733
Ion Ratio Lower Upper
164 100
162 101.5 82.0 123.0
160 45.2 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 83.516 ng

RT: 10.616 min Scan# 1416

Delta R.T. -0.006 min

Lab File: BF129921.D

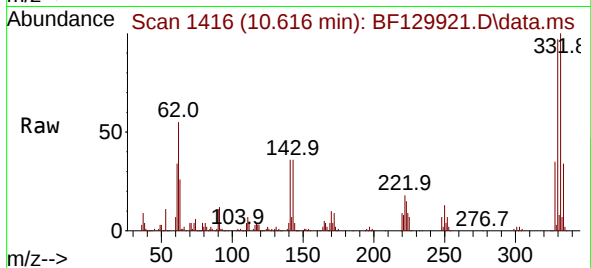
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Instrument :

BNA_F

ClientSampleId :

TP1-0815



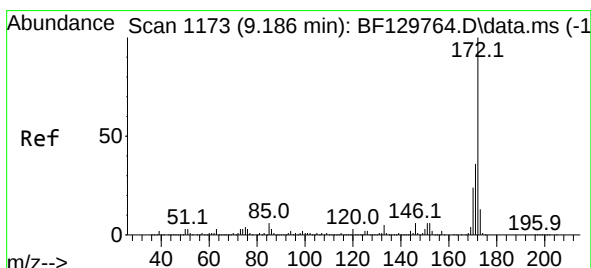
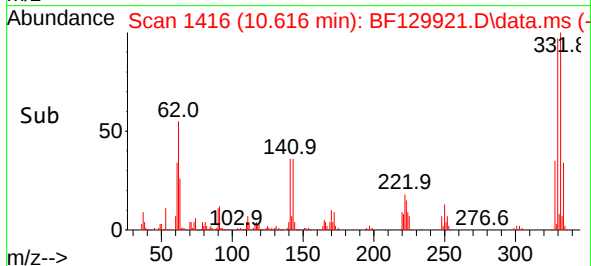
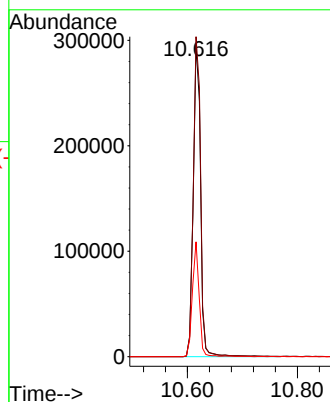
Tgt Ion:330 Resp: 270516

Ion Ratio Lower Upper

330 100

332 103.0 82.6 124.0

141 34.6 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 49.349 ng

RT: 9.139 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF129921.D

Acq: 19 Aug 2022 21:30

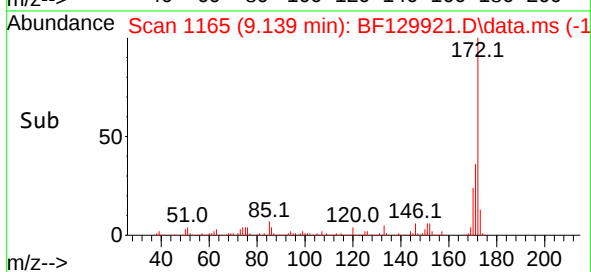
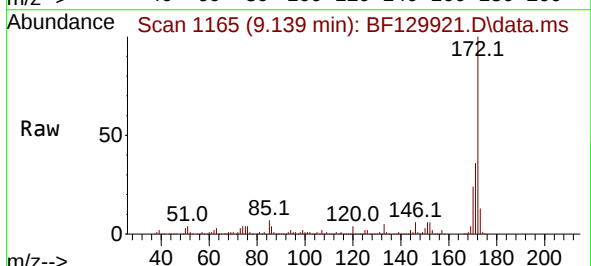
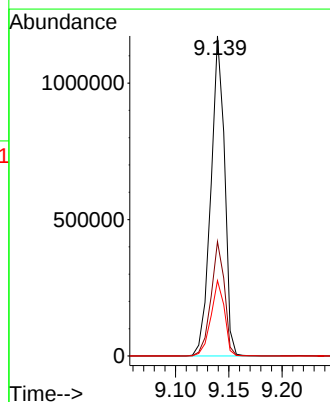
Tgt Ion:172 Resp: 1048623

Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 23.5 19.1 28.7

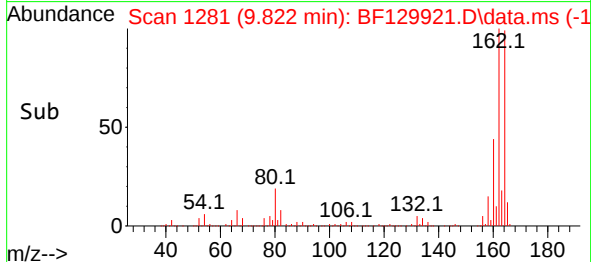
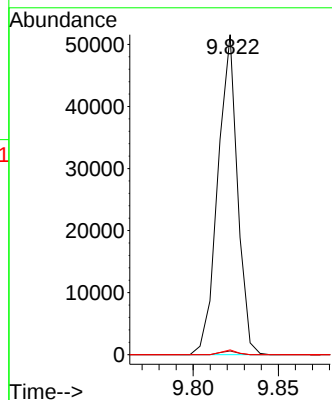
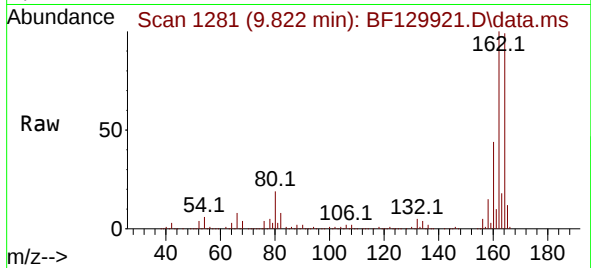




#51
2,6-Dinitrotoluene
Concen: 8.246 ng
RT: 9.822 min Scan# 1281
Delta R.T. 0.200 min
Lab File: BF129921.D
Acq: 19 Aug 2022 21:30

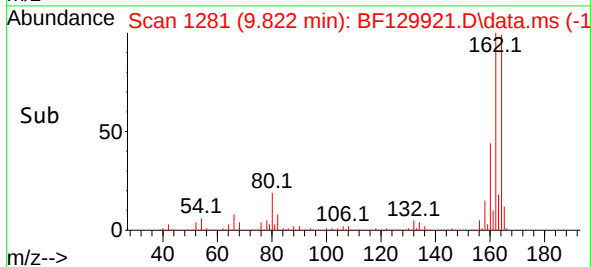
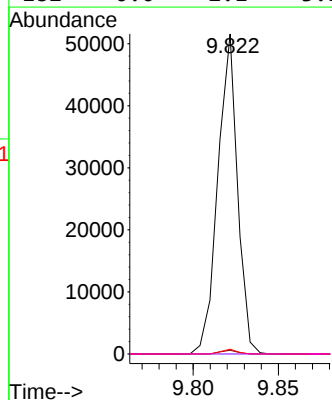
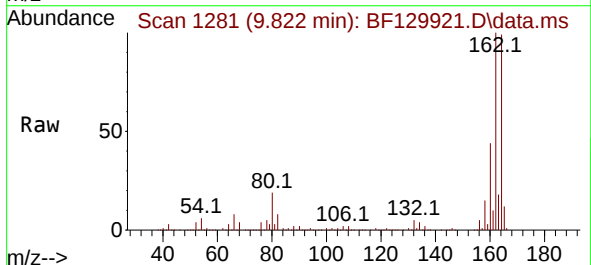
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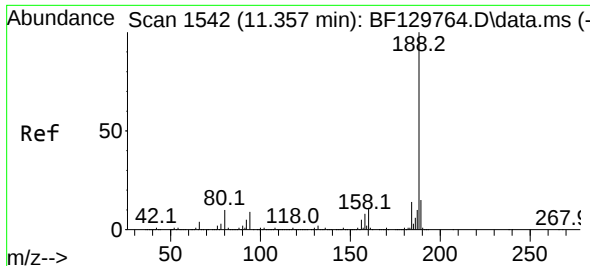
Tgt Ion:165 Resp: 41382
Ion Ratio Lower Upper
165 100
63 1.1 47.8 71.8#
89 1.5 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.352 ng
RT: 9.822 min Scan# 1281
Delta R.T. -0.212 min
Lab File: BF129921.D
Acq: 19 Aug 2022 21:30

Tgt Ion:165 Resp: 41382
Ion Ratio Lower Upper
165 100
63 1.1 48.4 72.6#
89 1.5 62.3 93.5#
182 0.0 2.1 3.1#

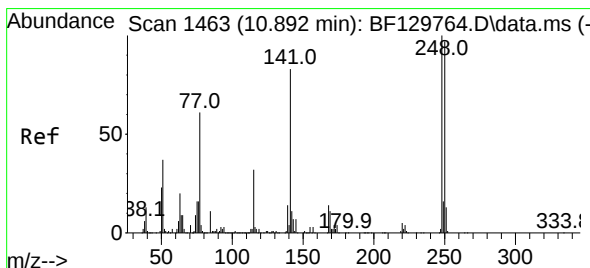
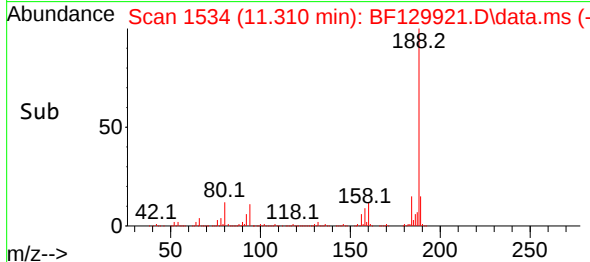
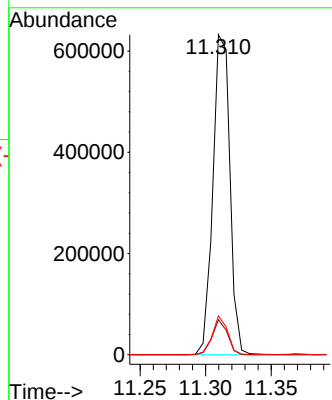
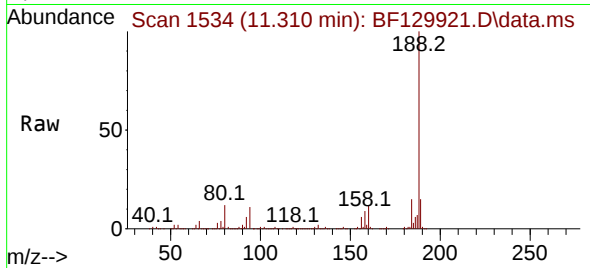




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129921.D
Acq: 19 Aug 2022 21:30

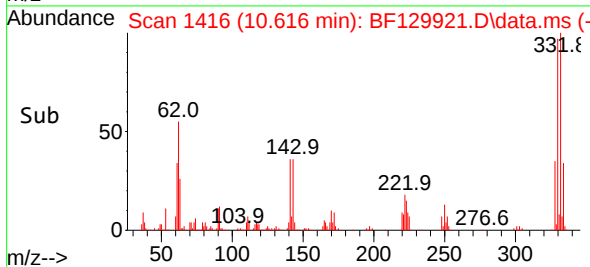
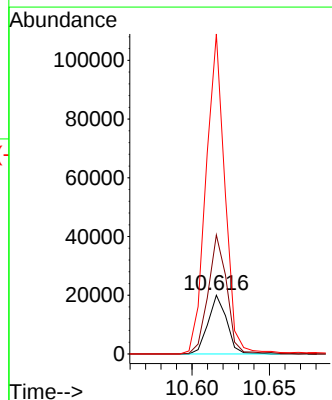
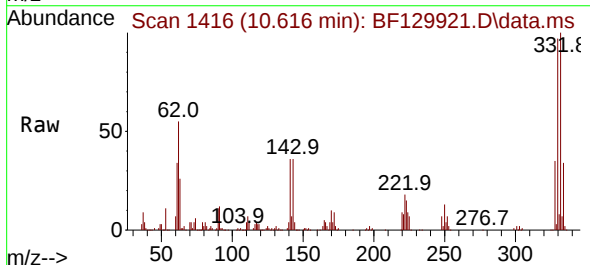
Instrument :
BNA_F
ClientSampleId :
TP1-0815

Tgt Ion:188 Resp: 569884
Ion Ratio Lower Upper
188 100
94 10.9 7.4 11.2
80 12.1 7.9 11.9#



#67
4-Bromophenyl-phenylether
Concen: 2.506 ng
RT: 10.616 min Scan# 1416
Delta R.T. -0.235 min
Lab File: BF129921.D
Acq: 19 Aug 2022 21:30

Tgt Ion:248 Resp: 16730
Ion Ratio Lower Upper
248 100
250 202.9 77.8 116.6#
141 545.4 66.2 99.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF129921.D

Acq: 19 Aug 2022 21:30

Instrument :

BNA_F

ClientSampleId :

TP1-0815

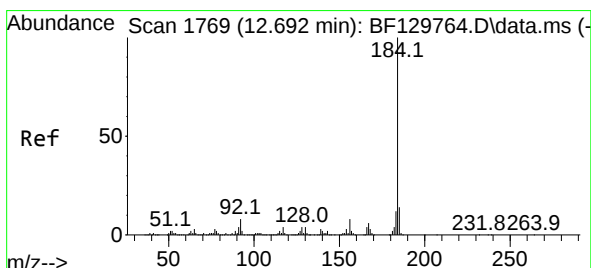
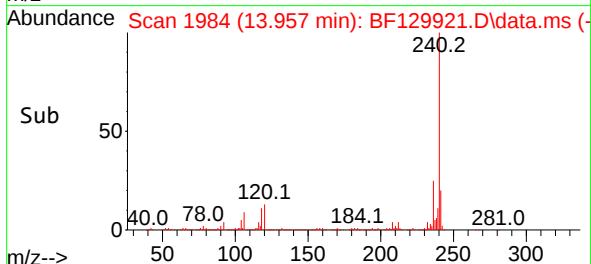
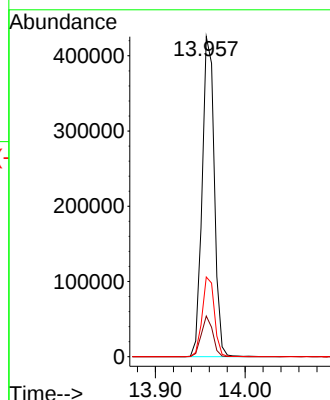
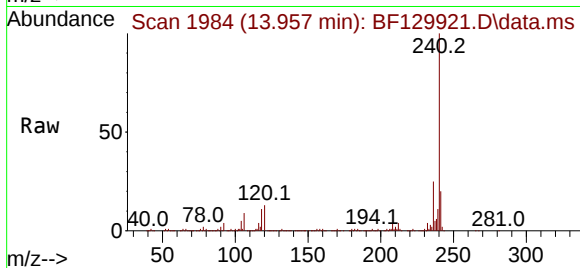
Tgt Ion:240 Resp: 400248

Ion Ratio Lower Upper

240 100

120 12.7 9.2 13.8

236 24.9 20.7 31.1



#77

Benzidine

Concen: Below Cal

RT: 12.898 min Scan# 1804

Delta R.T. 0.241 min

Lab File: BF129921.D

Acq: 19 Aug 2022 21:30

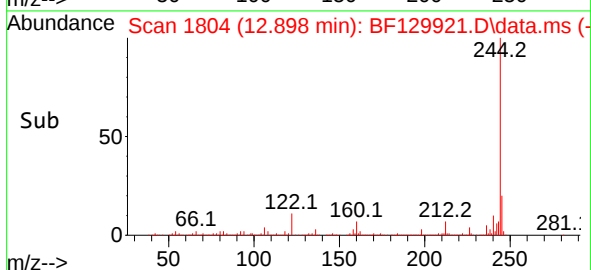
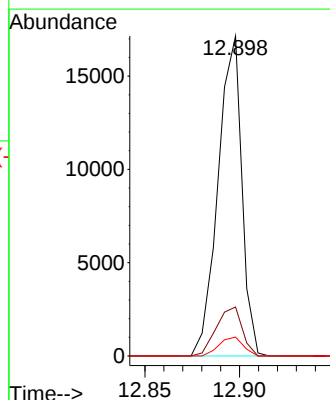
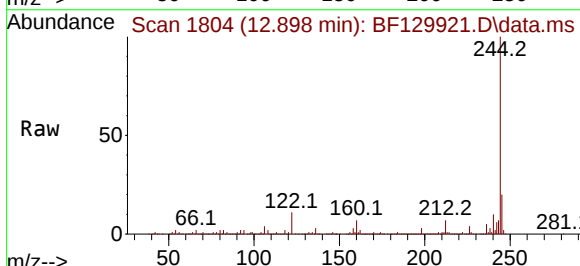
Tgt Ion:184 Resp: 14951

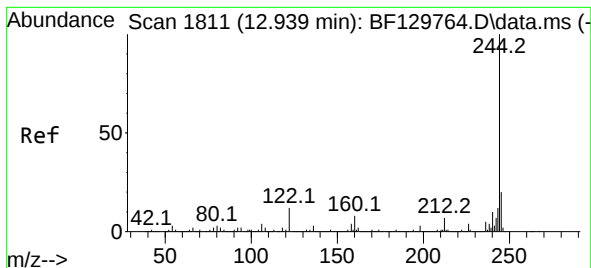
Ion Ratio Lower Upper

184 100

185 15.3 11.4 17.2

183 5.9 9.4 14.2#





#79

Terphenyl-d14

Concen: 44.793 ng

RT: 12.898 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF129921.D

Acq: 19 Aug 2022 21:30

Instrument :

BNA_F

ClientSampleId :

TP1-0815

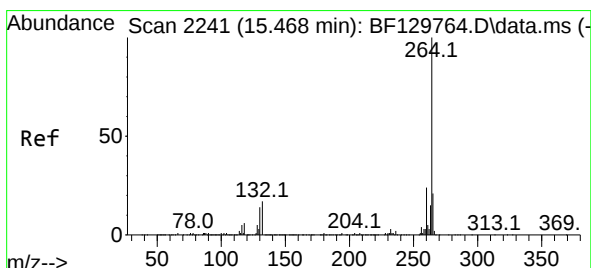
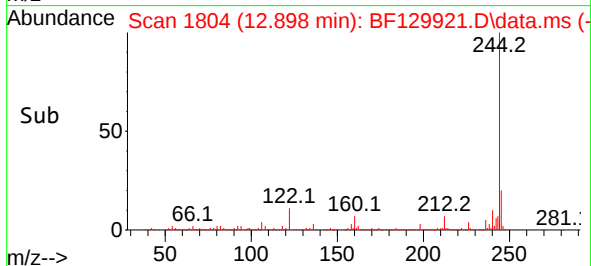
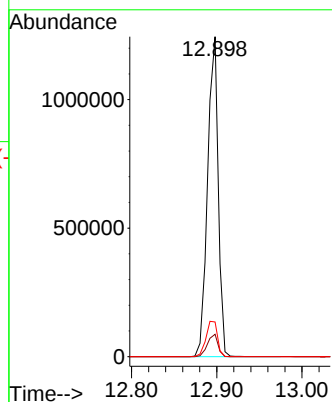
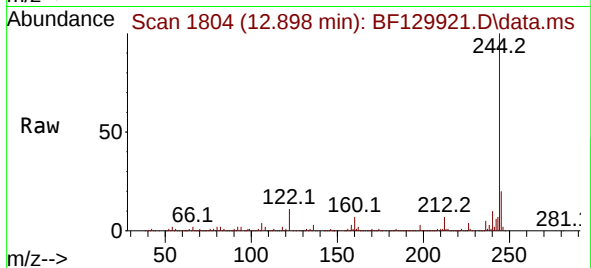
Tgt Ion:244 Resp: 1077462

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

122 10.9 9.9 14.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.415 min Scan# 2232

Delta R.T. -0.000 min

Lab File: BF129921.D

Acq: 19 Aug 2022 21:30

Tgt Ion:264 Resp: 278600

Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

265 21.4 16.7 25.1

