

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081422\
 Data File : BF129772.D
 Acq On : 14 Aug 2022 20:24
 Operator : CG\JU
 Sample : PB146898BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146898BL

Quant Time: Aug 15 02:59:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 15 02:28:31 2022
 Response via : Initial Calibration

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

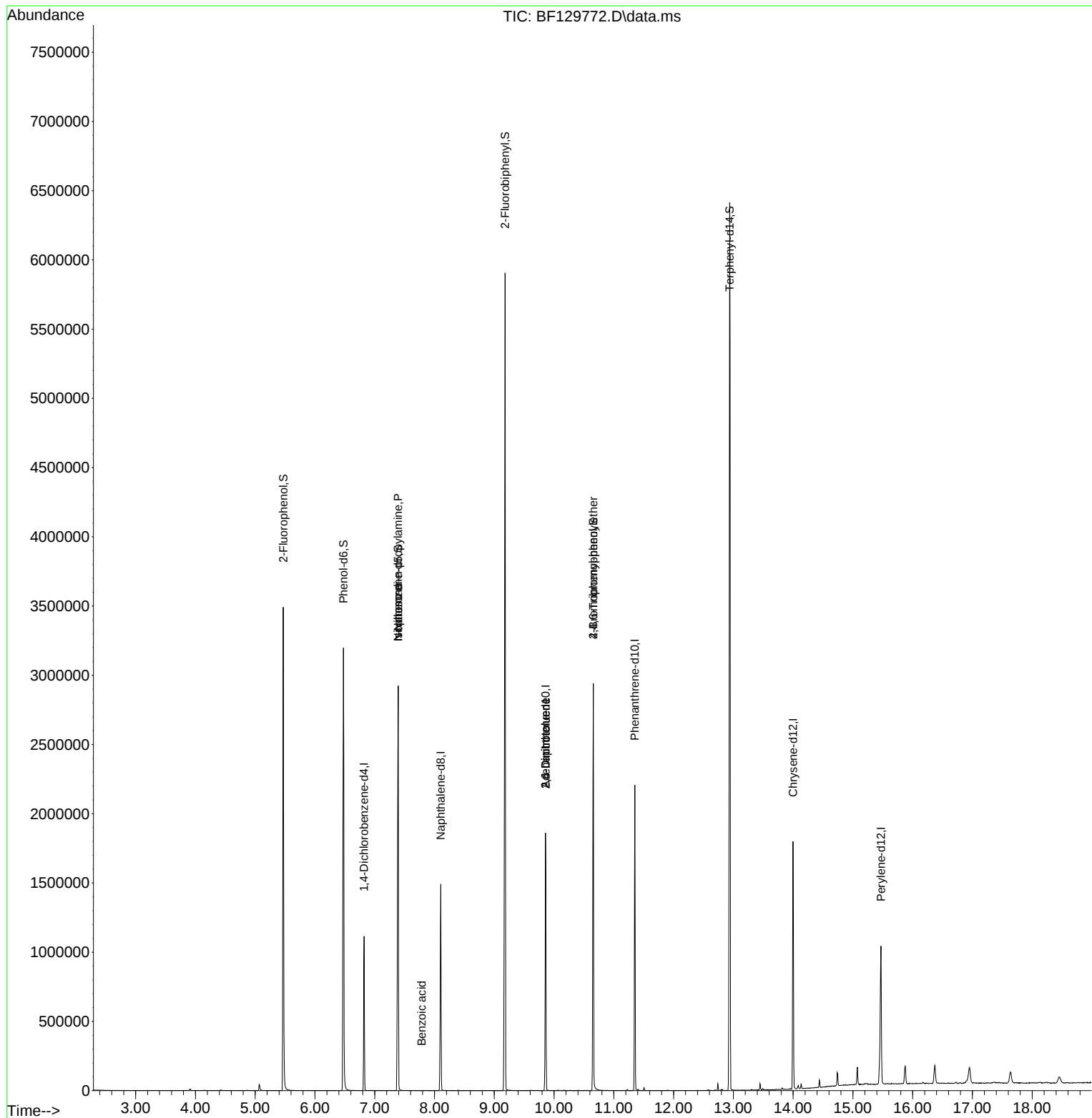
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	164620	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	705686	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	391115	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	719256	20.000	ng	0.00
76) Chrysene-d12	13.998	240	563394	20.000	ng	0.00
86) Perylene-d12	15.468	264	427322	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	899137	90.433	ng	0.00
7) Phenol-d6	6.475	99	1111394	89.262	ng	0.00
23) Nitrobenzene-d5	7.393	82	1067285	80.962	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	333292	84.906	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	2015056	78.250	ng	0.00
79) Terphenyl-d14	12.939	244	2471222	72.985	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.475	77	1951	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.393	70	142400	18.094	ng	# 75
25) Isophorone	7.393	82	1067272	47.039	ng	# 65
32) Benzoic acid	7.787	122	66	2.169	ng	# 1
51) 2,6-Dinitrotoluene	9.857	165	49904	8.205	ng	# 23
57) 2,4-Dinitrotoluene	9.857	165	49904	6.321	ng	# 18
67) 4-Bromophenyl-phenylether	10.657	248	20932	2.485	ng	# 1
77) Benzidine	12.692	184	2984	Below Cal	#	92

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081422\
Data File : BF129772.D
Acq On : 14 Aug 2022 20:24
Operator : CG\JU
Sample : PB146898BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB146898BL

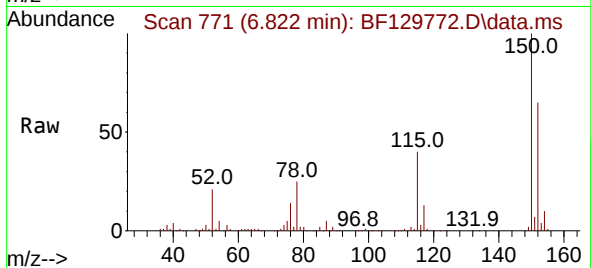
Quant Time: Aug 15 02:59:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 15 02:28:31 2022
Response via : Initial Calibration



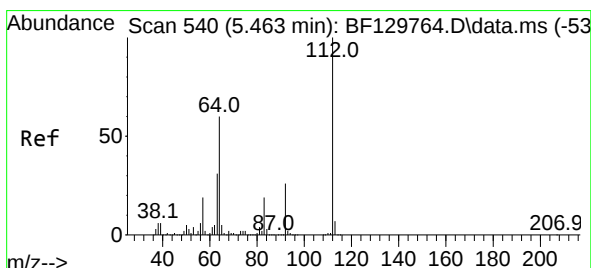
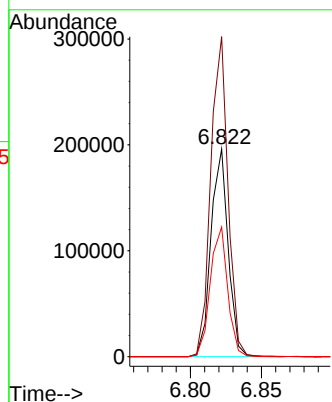
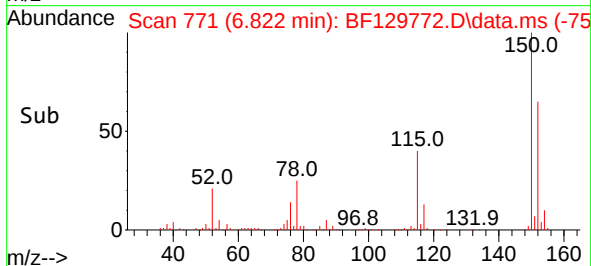


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 771
Delta R.T. -0.000 min
Lab File: BF129772.D
Acq: 14 Aug 2022 20:24

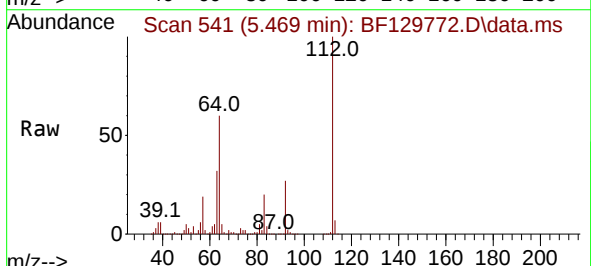
Instrument :
BNA_F
ClientSampleId :
PB146898BL



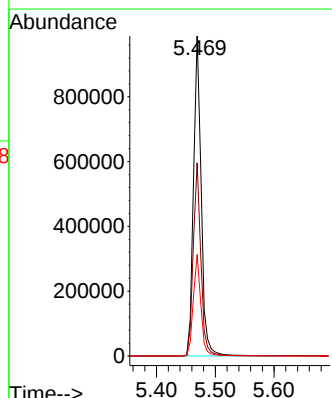
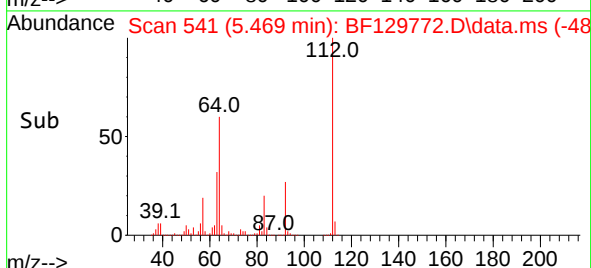
Tgt Ion:152 Resp: 164620
Ion Ratio Lower Upper
152 100
150 154.1 126.9 190.3
115 62.4 53.4 80.0

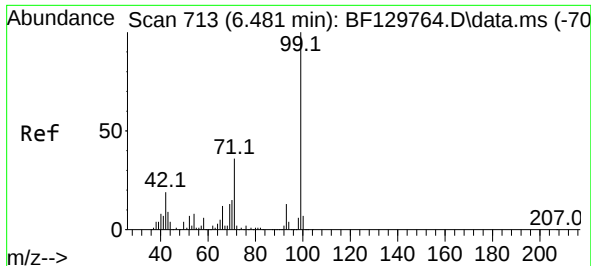


#5
2-Fluorophenol
Concen: 90.433 ng
RT: 5.469 min Scan# 541
Delta R.T. 0.006 min
Lab File: BF129772.D
Acq: 14 Aug 2022 20:24



Tgt Ion:112 Resp: 899137
Ion Ratio Lower Upper
112 100
64 60.3 47.6 71.4
63 31.7 24.6 37.0

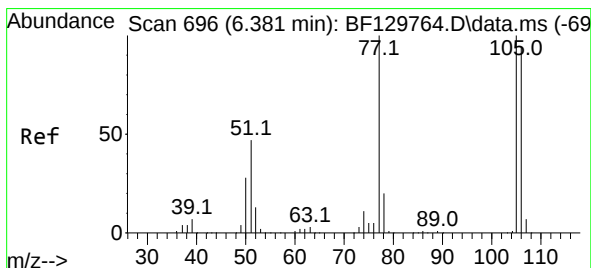
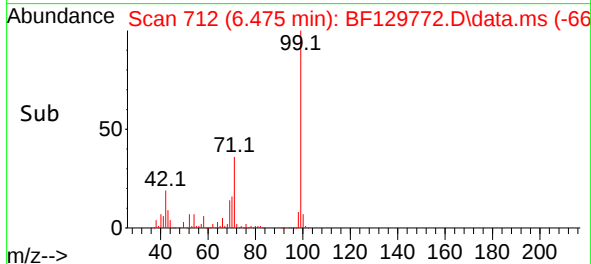
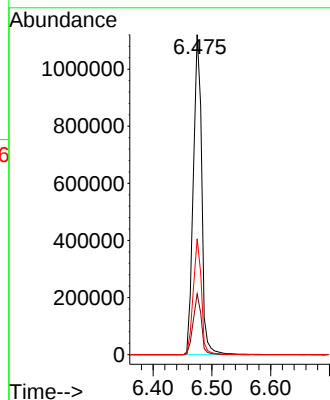
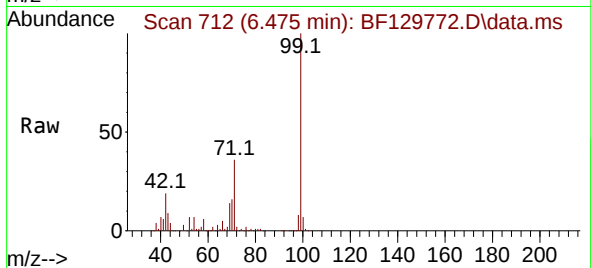




#7
Phenol-d6
Concen: 89.262 ng
RT: 6.475 min Scan# 712
Delta R.T. -0.006 min
Lab File: BF129772.D
Acq: 14 Aug 2022 20:24

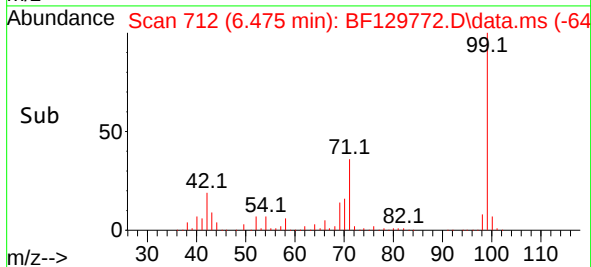
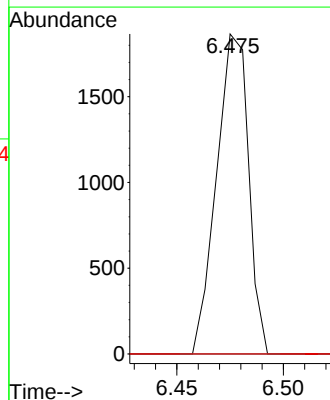
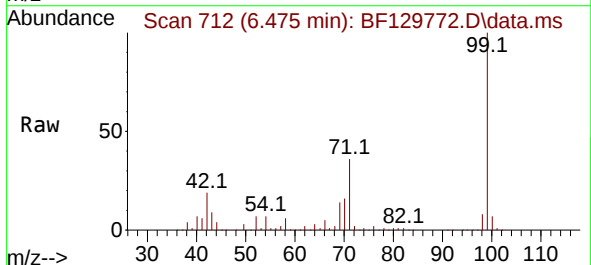
Instrument :
BNA_F
ClientSampleId :
PB146898BL

Tgt Ion: 99 Resp: 1111394
Ion Ratio Lower Upper
99 100
42 19.0 15.0 22.4
71 36.2 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.475 min Scan# 712
Delta R.T. 0.094 min
Lab File: BF129772.D
Acq: 14 Aug 2022 20:24

Tgt Ion: 77 Resp: 1951
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

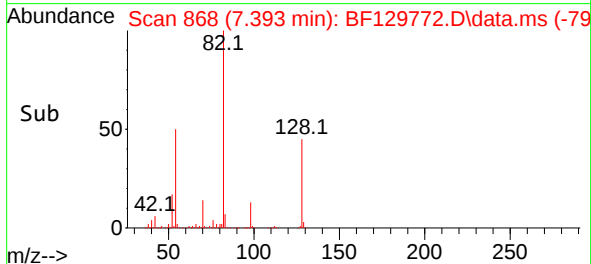
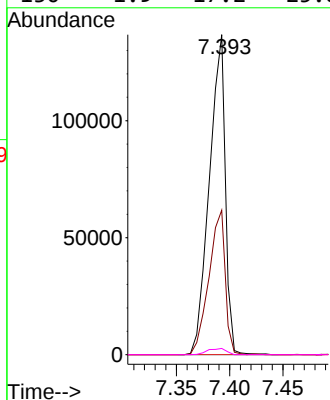
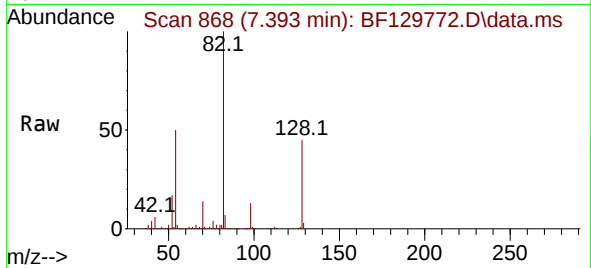




#19
n-Nitroso-di-n-propylamine
Concen: 18.094 ng
RT: 7.393 min Scan# 80
Delta R.T. 0.153 min
Lab File: BF129772.D
Acq: 14 Aug 2022 20:24

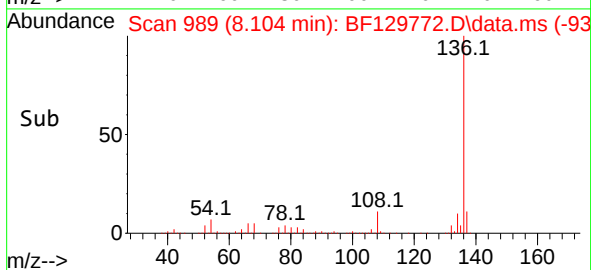
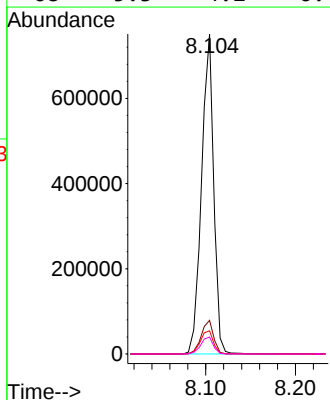
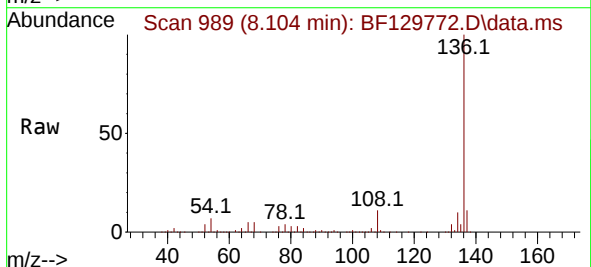
Instrument :
BNA_F
ClientSampleId :
PB146898BL

Tgt Ion: 70 Resp: 142400
Ion Ratio Lower Upper
70 100
42 45.1 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: 8.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF129772.D
Acq: 14 Aug 2022 20:24

Tgt Ion: 136 Resp: 705686
Ion Ratio Lower Upper
136 100
137 10.5 8.4 12.6
54 7.3 6.2 9.2
68 5.3 4.2 6.4

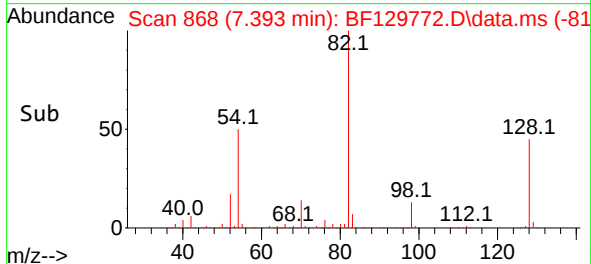
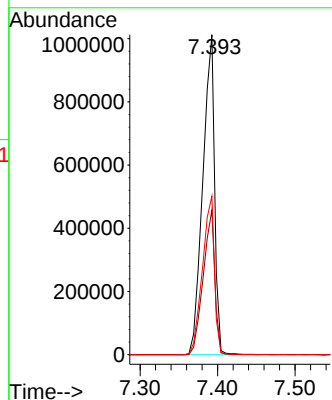
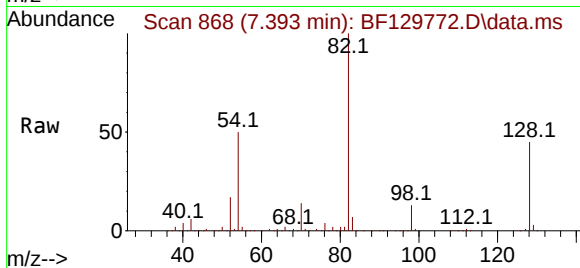




#23
Nitrobenzene-d5
Concen: 80.962 ng
RT: 7.393 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF129772.D
Acq: 14 Aug 2022 20:24

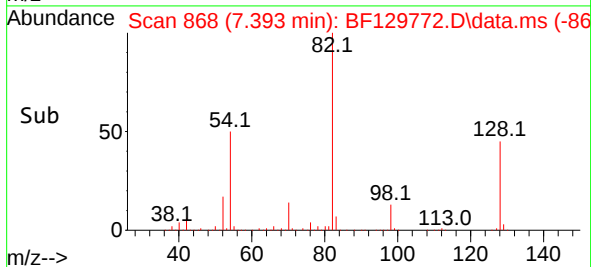
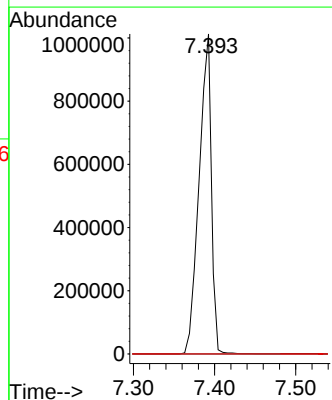
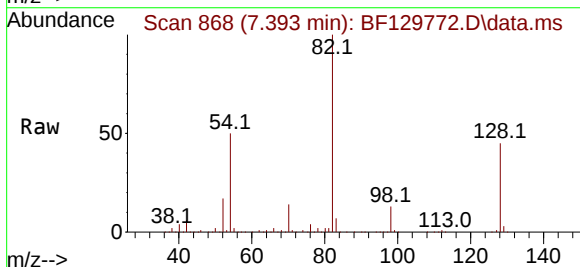
Instrument :
BNA_F
ClientSampleId :
PB146898BL

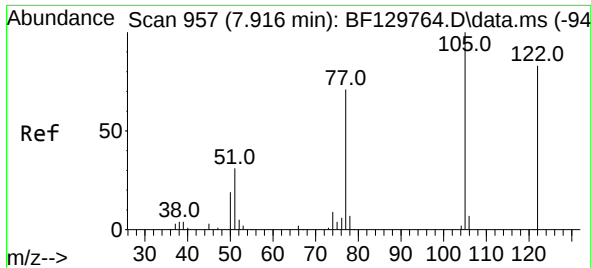
Tgt Ion: 82 Resp: 1067285
Ion Ratio Lower Upper
82 100
128 45.1 36.1 54.1
54 49.6 40.0 60.0



#25
Isophorone
Concen: 47.039 ng
RT: 7.393 min Scan# 868
Delta R.T. -0.259 min
Lab File: BF129772.D
Acq: 14 Aug 2022 20:24

Tgt Ion: 82 Resp: 1067272
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

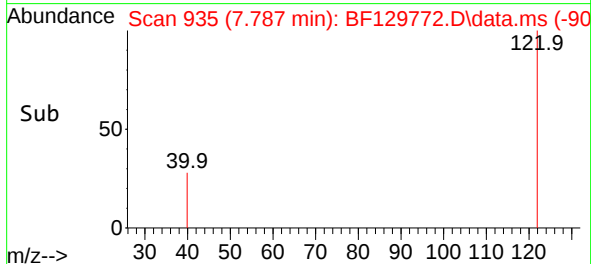
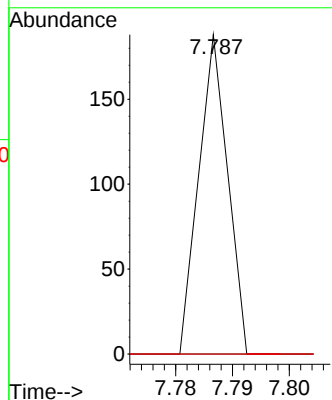
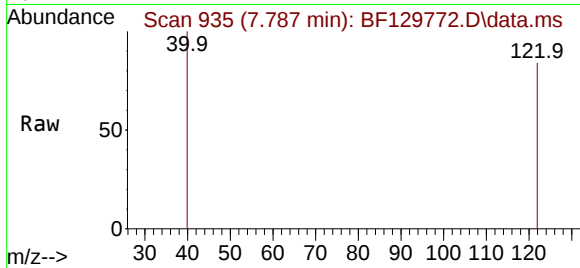




#32
Benzoic acid
Concen: 2.169 ng
RT: 7.787 min Scan# 91
Delta R.T. -0.129 min
Lab File: BF129772.D
Acq: 14 Aug 2022 20:24

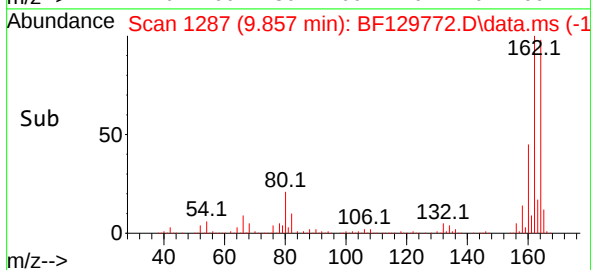
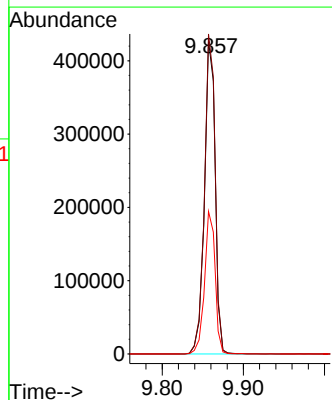
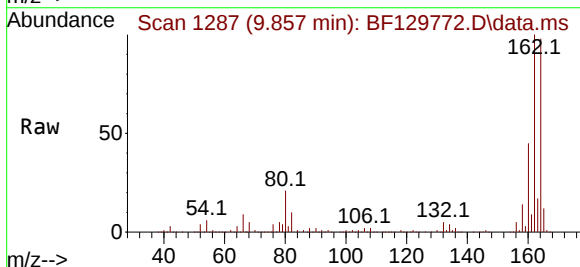
Instrument :
BNA_F
ClientSampleId :
PB146898BL

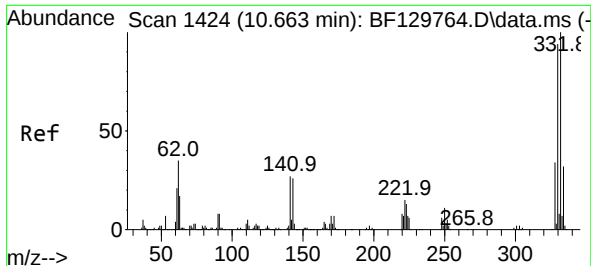
Tgt Ion:122 Resp: 66
Ion Ratio Lower Upper
122 100
105 0.0 99.9 139.9#
77 0.0 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BF129772.D
Acq: 14 Aug 2022 20:24

Tgt Ion:164 Resp: 391115
Ion Ratio Lower Upper
164 100
162 102.2 82.0 123.0
160 45.6 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 84.906 ng

RT: 10.657 min Scan# 1423

Delta R.T. -0.006 min

Lab File: BF129772.D

Acq: 14 Aug 2022 20:24

Instrument :

BNA_F

ClientSampleId :

PB146898BL

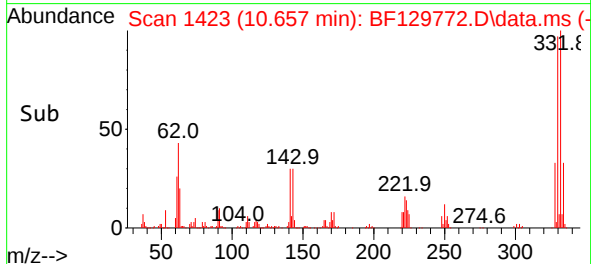
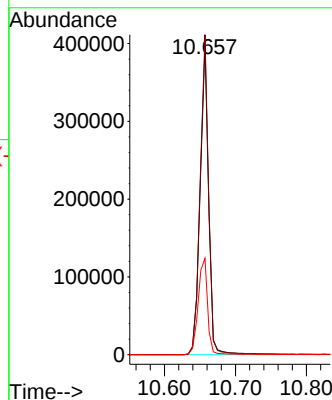
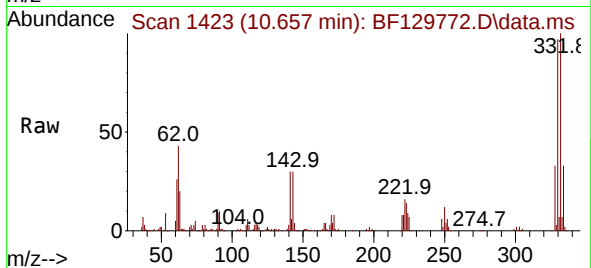
Tgt Ion:330 Resp: 333292

Ion Ratio Lower Upper

330 100

332 104.1 82.6 124.0

141 34.7 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 78.250 ng

RT: 9.181 min Scan# 1172

Delta R.T. -0.006 min

Lab File: BF129772.D

Acq: 14 Aug 2022 20:24

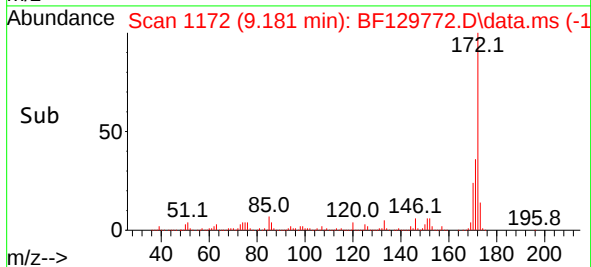
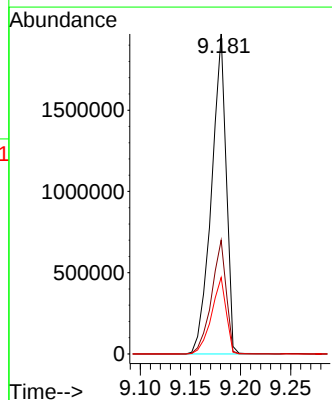
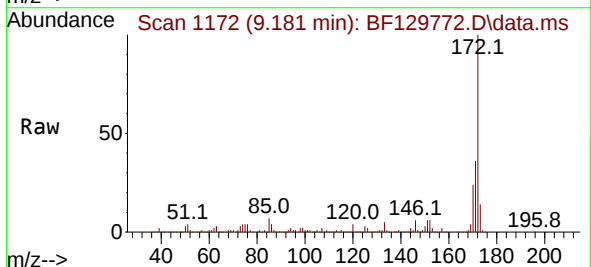
Tgt Ion:172 Resp: 2015056

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.9 19.1 28.7

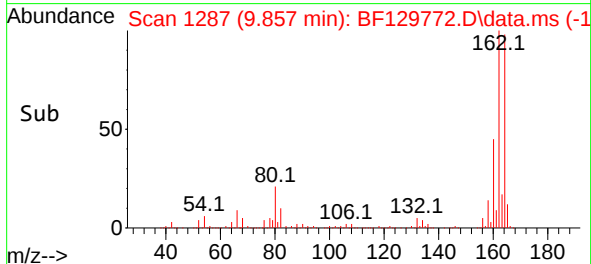
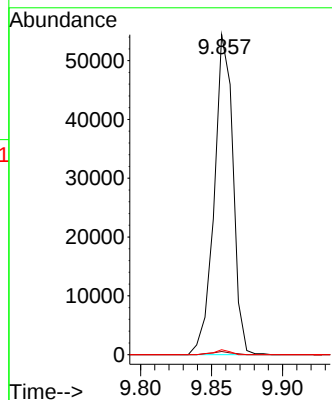
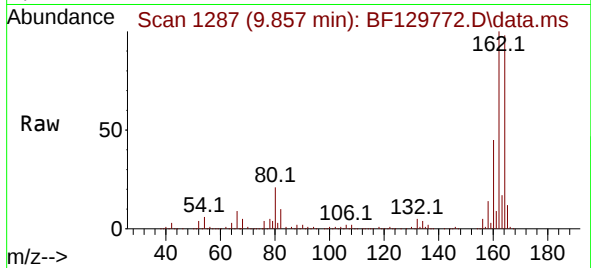




#51
2,6-Dinitrotoluene
Concen: 8.205 ng
RT: 9.857 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF129772.D
Acq: 14 Aug 2022 20:24

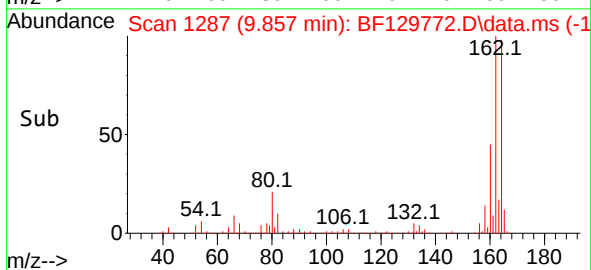
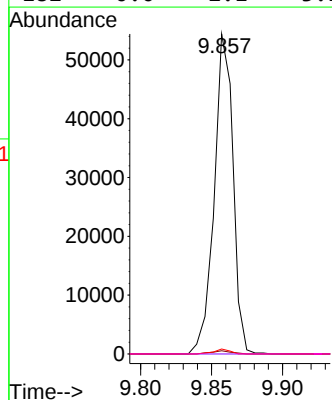
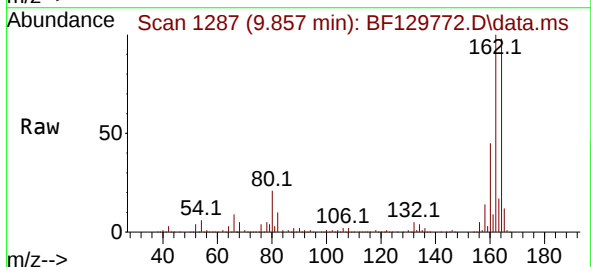
Instrument :
BNA_F
ClientSampleId :
PB146898BL

Tgt Ion:165 Resp: 49904
Ion Ratio Lower Upper
165 100
63 1.0 47.8 71.8#
89 1.5 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.321 ng
RT: 9.857 min Scan# 1287
Delta R.T. -0.212 min
Lab File: BF129772.D
Acq: 14 Aug 2022 20:24

Tgt Ion:165 Resp: 49904
Ion Ratio Lower Upper
165 100
63 1.0 48.4 72.6#
89 1.5 62.3 93.5#
182 0.0 2.1 3.1#

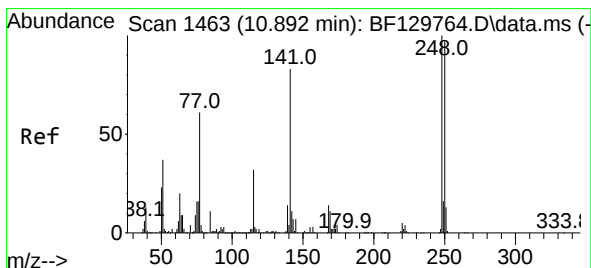
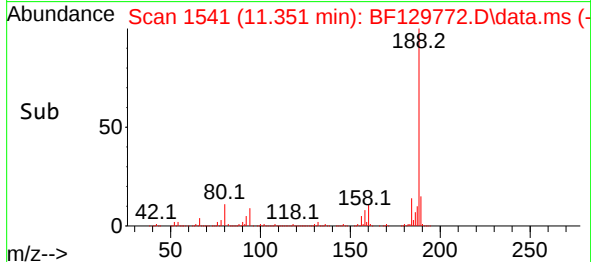
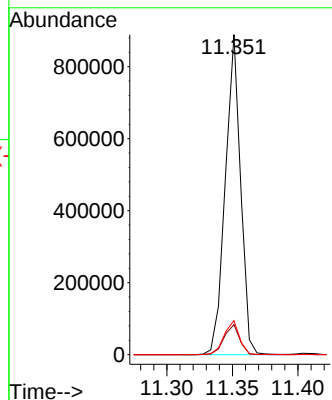
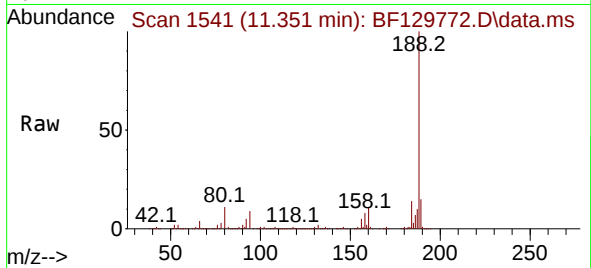




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129772.D
Acq: 14 Aug 2022 20:24

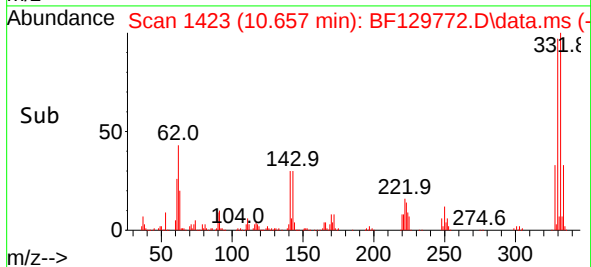
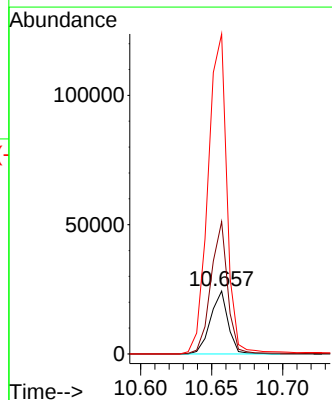
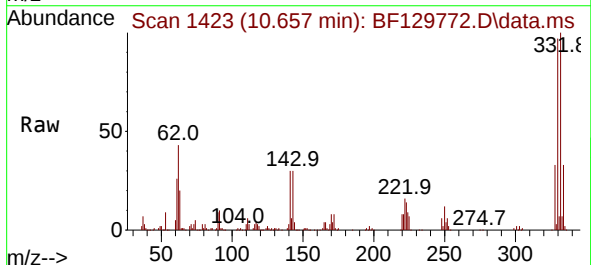
Instrument :
BNA_F
ClientSampleId :
PB146898BL

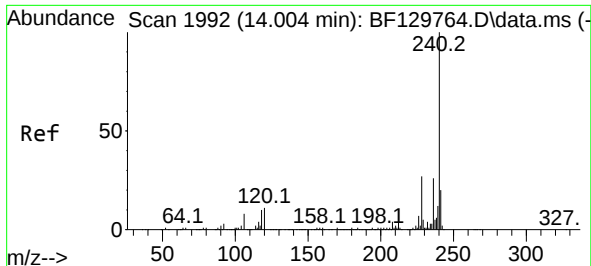
Tgt Ion:188 Resp: 719256
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.2
80 10.6 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 2.485 ng
RT: 10.657 min Scan# 1423
Delta R.T. -0.235 min
Lab File: BF129772.D
Acq: 14 Aug 2022 20:24

Tgt Ion:248 Resp: 20932
Ion Ratio Lower Upper
248 100
250 210.5 77.8 116.6#
141 509.2 66.2 99.2#

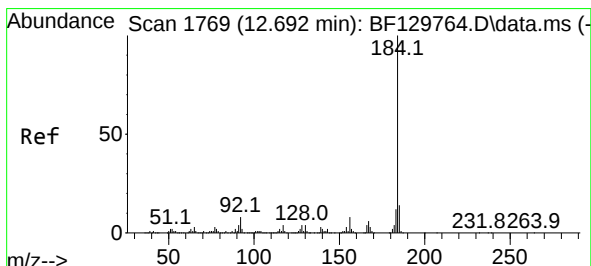
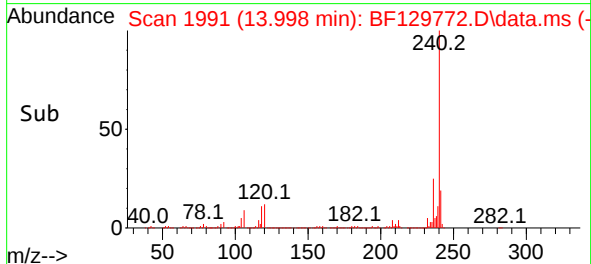
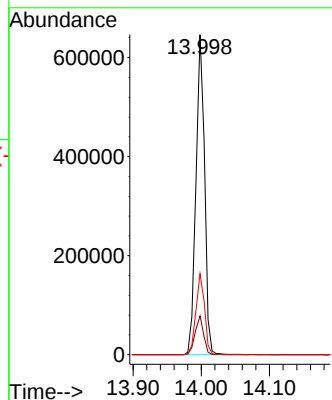
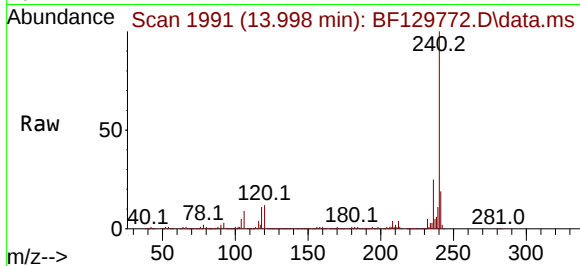




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BF129772.D
Acq: 14 Aug 2022 20:24

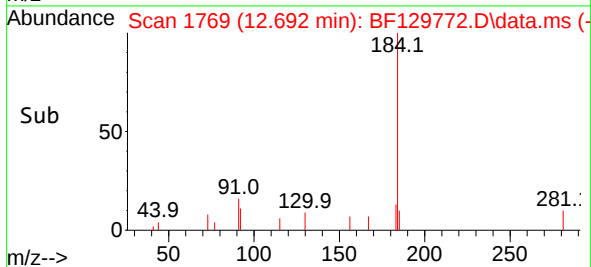
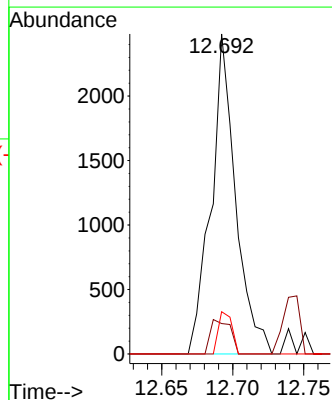
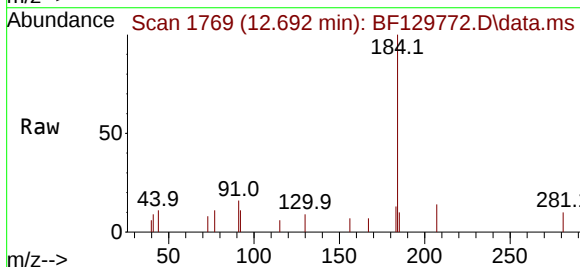
Instrument :
BNA_F
ClientSampleId :
PB146898BL

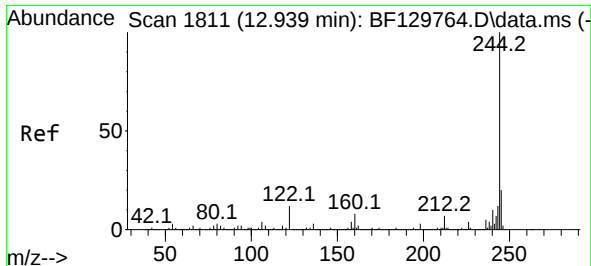
Tgt Ion:240 Resp: 563394
Ion Ratio Lower Upper
240 100
120 12.1 9.2 13.8
236 25.3 20.7 31.1



#77
Benzidine
Concen: Below Cal
RT: 12.692 min Scan# 1769
Delta R.T. 0.000 min
Lab File: BF129772.D
Acq: 14 Aug 2022 20:24

Tgt Ion:184 Resp: 2984
Ion Ratio Lower Upper
184 100
185 9.5 11.4 17.2#
183 13.2 9.4 14.2

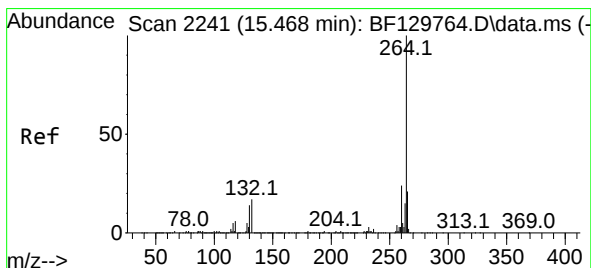
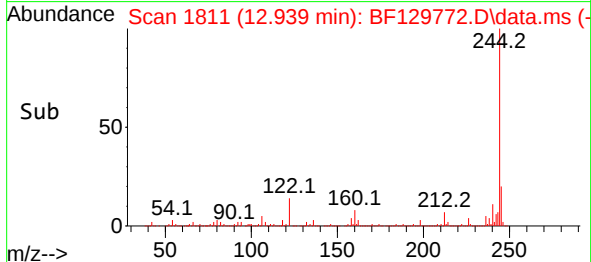
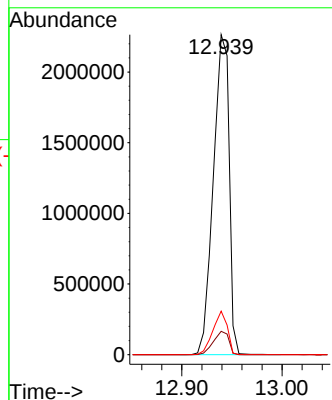
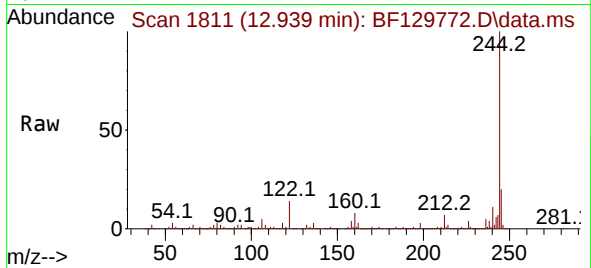




#79
 Terphenyl-d14
 Concen: 72.985 ng
 RT: 12.939 min Scan# 1811
 Delta R.T. 0.000 min
 Lab File: BF129772.D
 Acq: 14 Aug 2022 20:24

Instrument :
 BNA_F
 ClientSampleId :
 PB146898BL

Tgt Ion:244 Resp: 2471222
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 13.6 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2241
 Delta R.T. 0.000 min
 Lab File: BF129772.D
 Acq: 14 Aug 2022 20:24

Tgt Ion:264 Resp: 427322
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.1 28.7
 265 21.0 16.7 25.1

