

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081622\
 Data File : BF129823.D
 Acq On : 16 Aug 2022 21:50
 Operator : CG\JU
 Sample : N4188-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8

Quant Time: Aug 17 02:39:02 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)

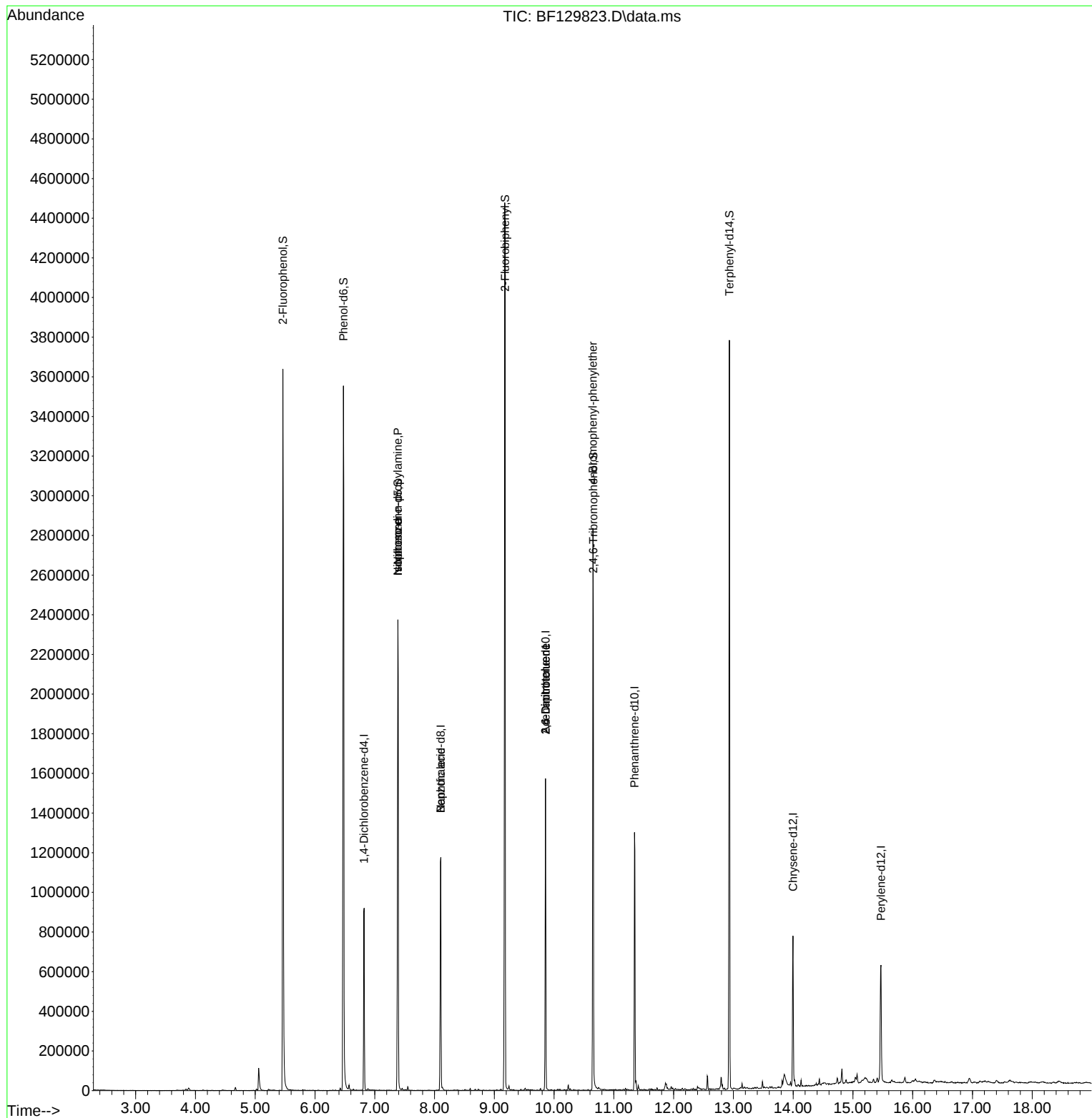
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	143799	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	572261	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	297057	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	475958	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	241935	20.000	ng	0.00
86) Perylene-d12	15.468	264	277142	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1042340	120.015	ng	0.00
7) Phenol-d6	6.475	99	1317843	121.168	ng	0.00
23) Nitrobenzene-d5	7.387	82	847096	79.241	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	339151	113.755	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1509376	77.172	ng	0.00
79) Terphenyl-d14	12.933	244	1200029	82.533	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.404	77	203	Below Cal		89
19) n-Nitroso-di-n-propyla...	7.387	70	113338	16.486 ng	#	77
25) Isophorone	7.387	82	847191	46.045 ng	#	65
32) Benzoic acid	8.104	122	164	2.212 ng	#	1
51) 2,6-Dinitrotoluene	9.857	165	38187	8.267 ng	#	23
57) 2,4-Dinitrotoluene	9.857	165	38187	6.368 ng	#	18
67) 4-Bromophenyl-phenylether	10.651	248	22102	3.965 ng	#	1
77) Benzidine	12.933	184	16165	Below Cal	#	89

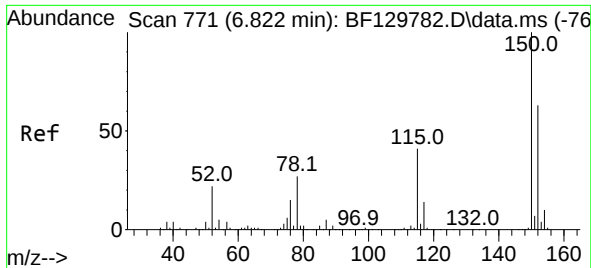
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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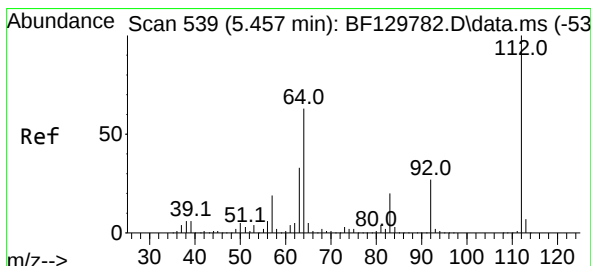
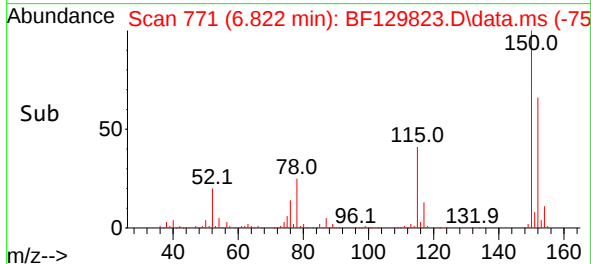
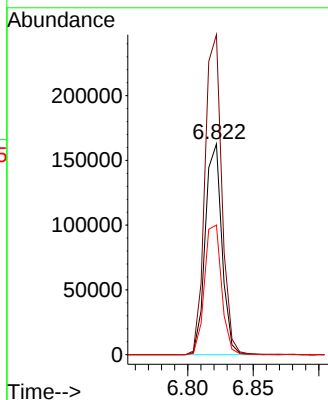
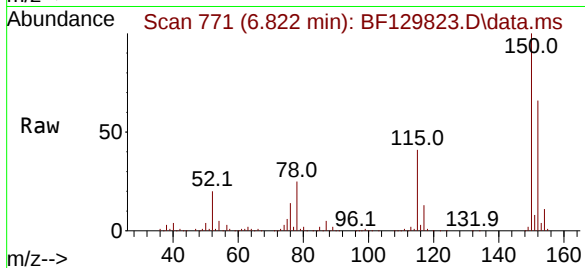




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 771
Delta R.T. -0.000 min
Lab File: BF129823.D
Acq: 16 Aug 2022 21:50

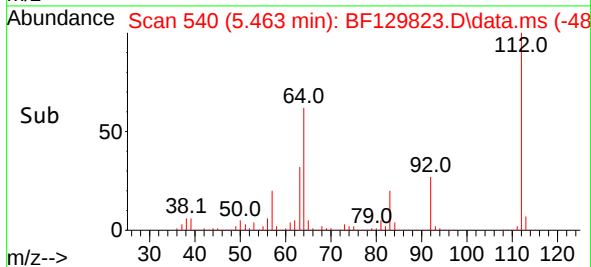
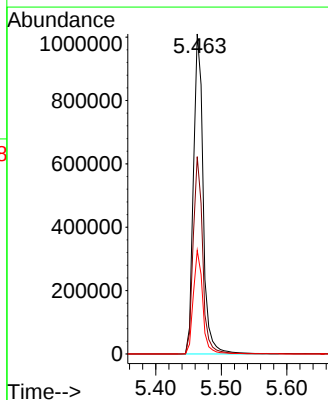
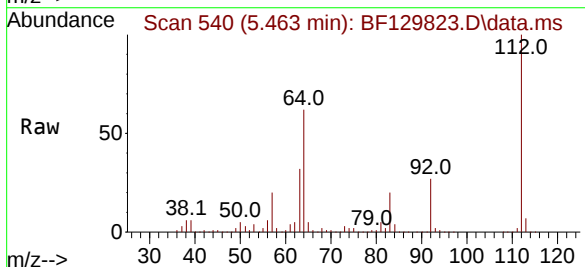
Instrument :
BNA_F
ClientSampleId :
S8

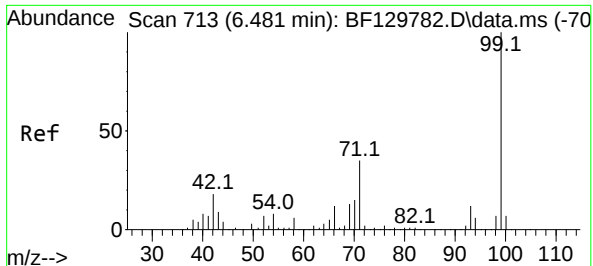
Tgt Ion:152 Resp: 143799
Ion Ratio Lower Upper
152 100
150 151.9 126.9 190.3
115 61.5 53.4 80.0



#5
2-Fluorophenol
Concen: 120.015 ng
RT: 5.463 min Scan# 540
Delta R.T. 0.000 min
Lab File: BF129823.D
Acq: 16 Aug 2022 21:50

Tgt Ion:112 Resp: 1042340
Ion Ratio Lower Upper
112 100
64 61.7 47.6 71.4
63 32.3 24.6 37.0

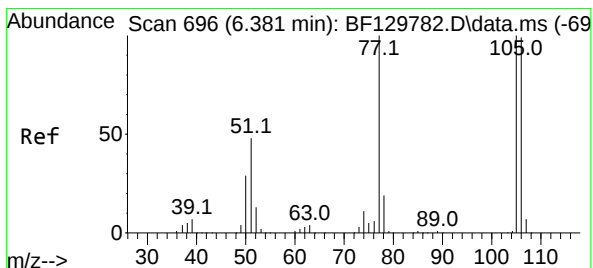
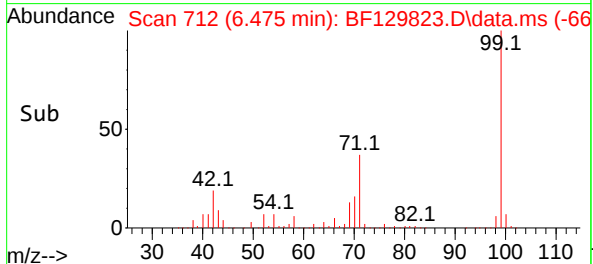
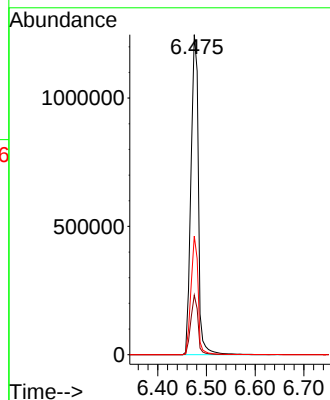
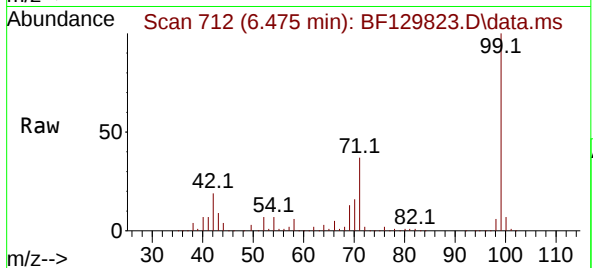




#7
Phenol-d6
Concen: 121.168 ng
RT: 6.475 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF129823.D
Acq: 16 Aug 2022 21:50

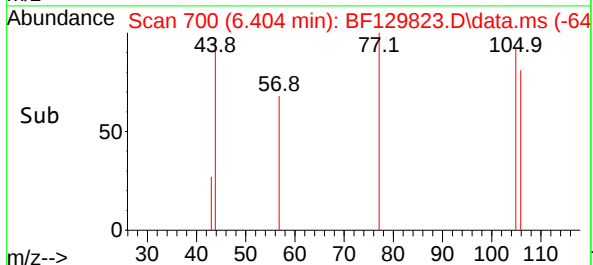
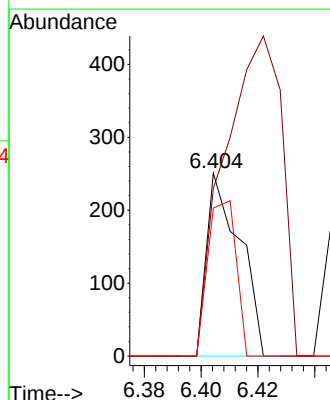
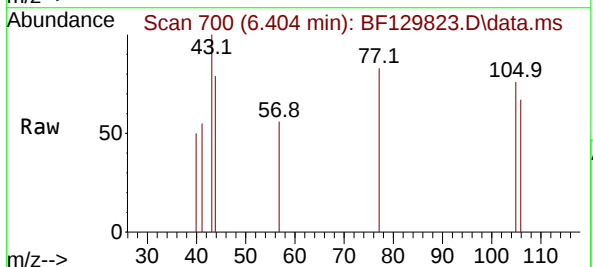
Instrument :
BNA_F
ClientSampleId :
S8

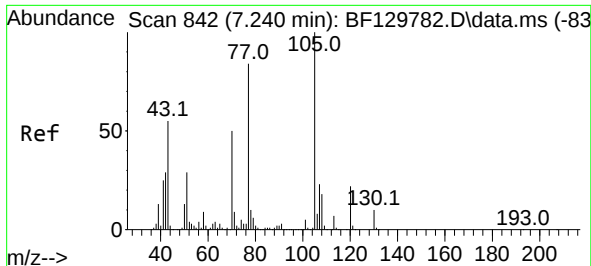
Tgt Ion: 99 Resp: 1317843
Ion Ratio Lower Upper
99 100
42 18.6 15.0 22.4
71 37.1 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.404 min Scan# 700
Delta R.T. 0.023 min
Lab File: BF129823.D
Acq: 16 Aug 2022 21:50

Tgt Ion: 77 Resp: 203
Ion Ratio Lower Upper
77 100
105 91.6 80.3 120.3
106 80.9 74.3 114.3

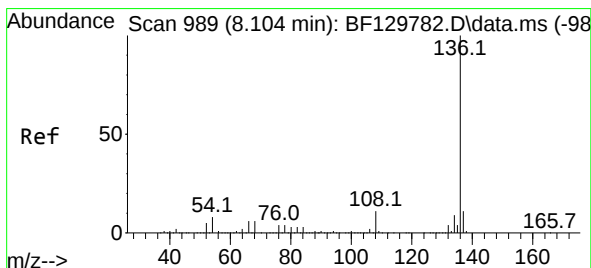
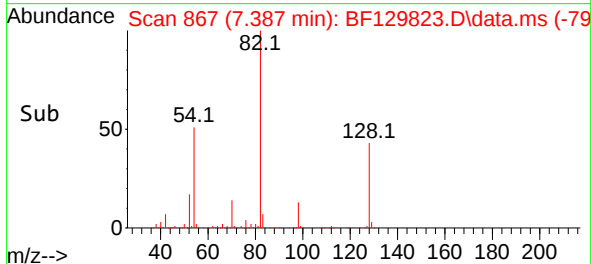
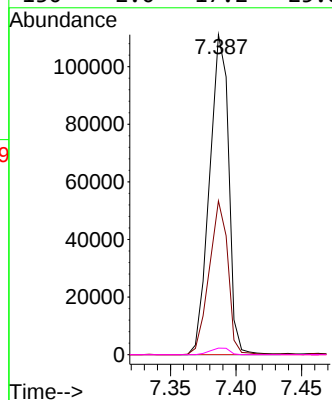
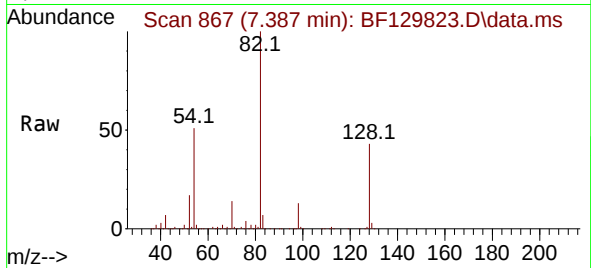




#19
n-Nitroso-di-n-propylamine
Concen: 16.486 ng
RT: 7.387 min Scan# 80
Delta R.T. 0.147 min
Lab File: BF129823.D
Acq: 16 Aug 2022 21:50

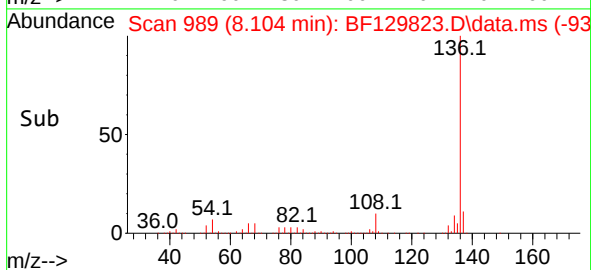
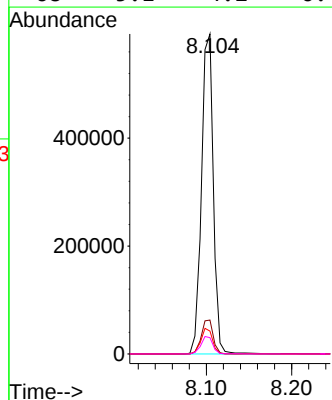
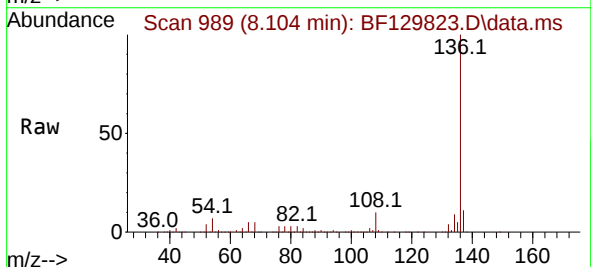
Instrument :
BNA_F
ClientSampleId :
S8

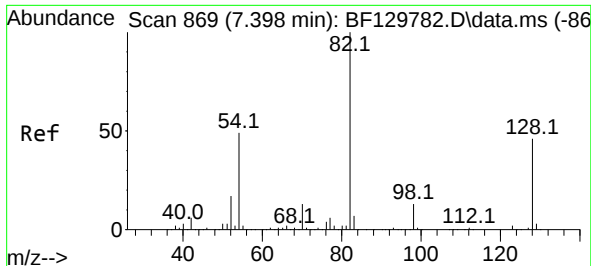
Tgt Ion: 70 Resp: 113338
Ion Ratio Lower Upper
70 100
42 48.0 47.6 71.4
101 0.0 8.1 12.1#
130 2.0 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF129823.D
Acq: 16 Aug 2022 21:50

Tgt Ion: 136 Resp: 572261
Ion Ratio Lower Upper
136 100
137 10.6 8.4 12.6
54 7.2 6.2 9.2
68 5.1 4.2 6.4

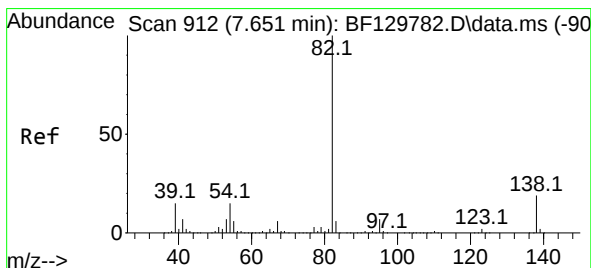
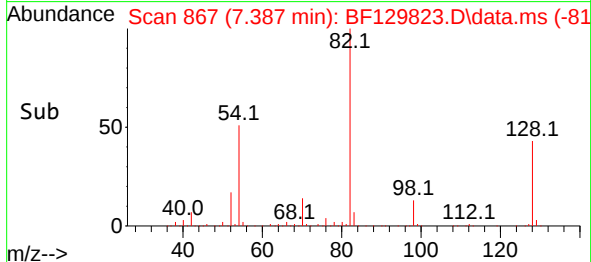
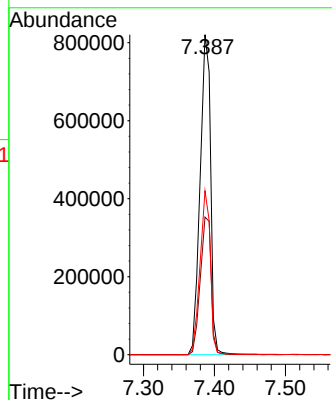
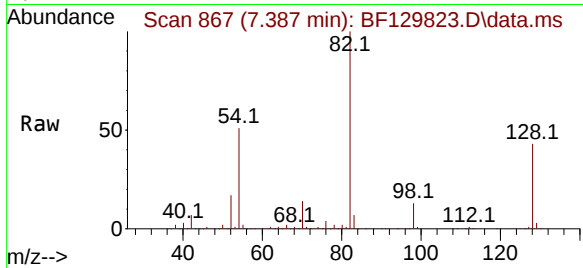




#23
Nitrobenzene-d5
Concen: 79.241 ng
RT: 7.387 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF129823.D
Acq: 16 Aug 2022 21:50

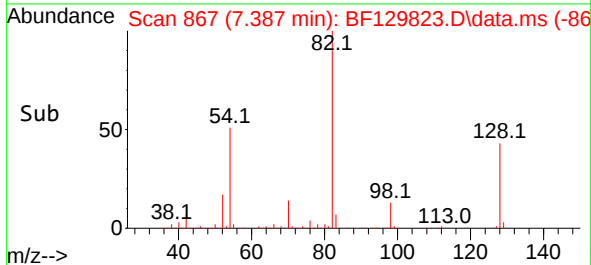
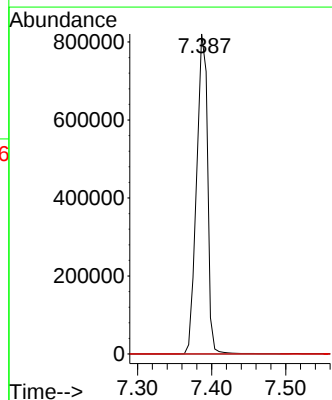
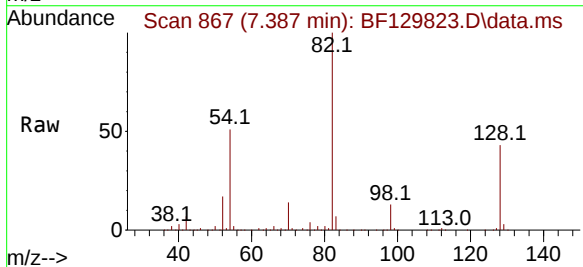
Instrument :
BNA_F
ClientSampleId :
S8

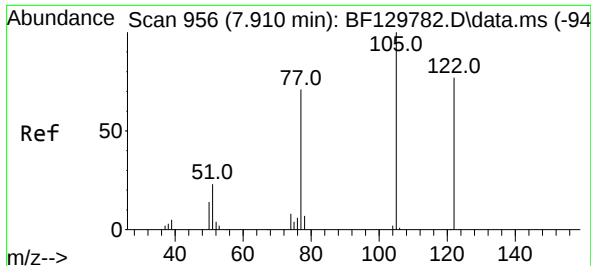
Tgt Ion: 82 Resp: 847096
Ion Ratio Lower Upper
82 100
128 43.0 36.1 54.1
54 51.2 40.0 60.0



#25
Isophorone
Concen: 46.045 ng
RT: 7.387 min Scan# 867
Delta R.T. -0.265 min
Lab File: BF129823.D
Acq: 16 Aug 2022 21:50

Tgt Ion: 82 Resp: 847191
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

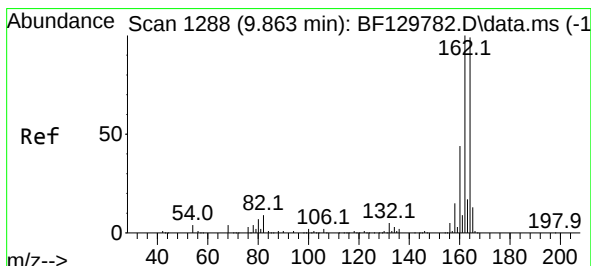
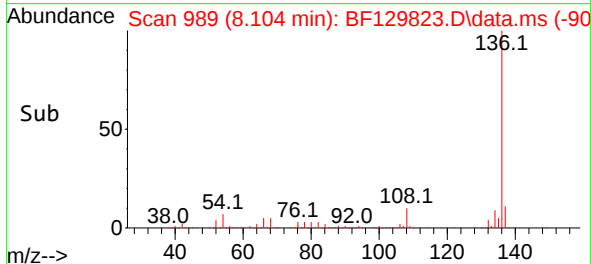
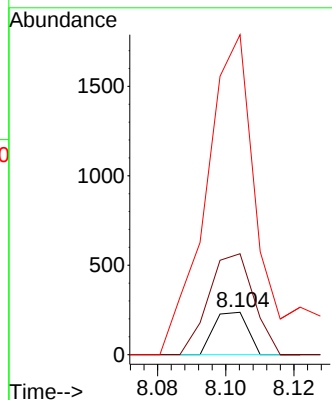
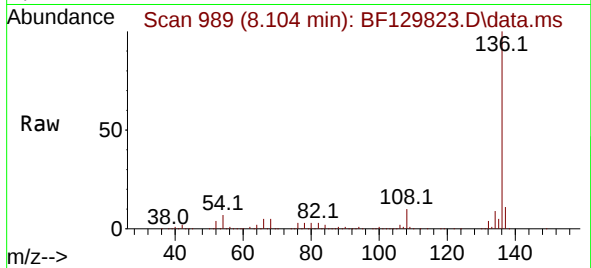




#32
Benzoic acid
Concen: 2.212 ng
RT: 8.104 min Scan# 91
Delta R.T. 0.188 min
Lab File: BF129823.D
Acq: 16 Aug 2022 21:50

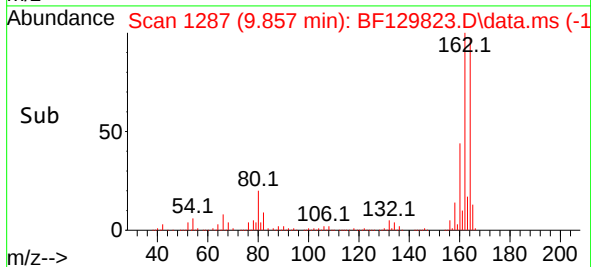
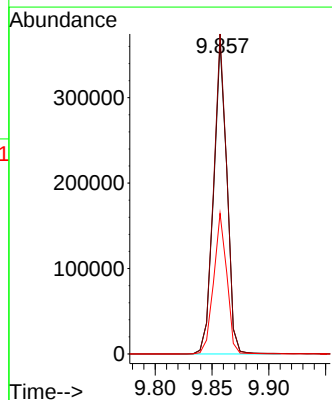
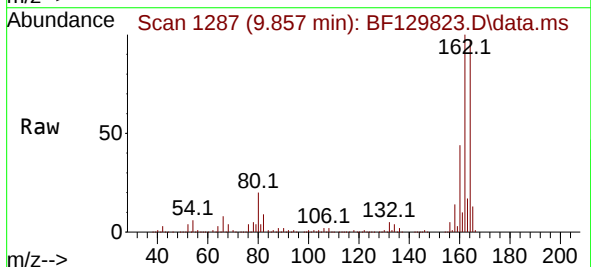
Instrument :
BNA_F
ClientSampleId :
S8

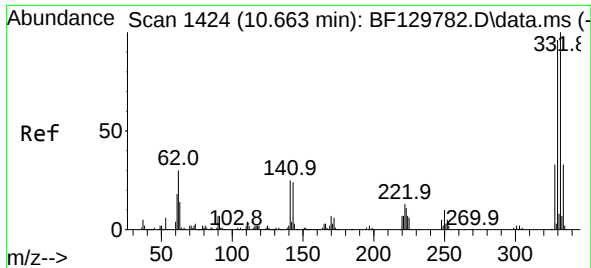
Tgt Ion:122 Resp: 164
Ion Ratio Lower Upper
122 100
105 238.0 99.9 139.9#
77 754.9 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BF129823.D
Acq: 16 Aug 2022 21:50

Tgt Ion:164 Resp: 297057
Ion Ratio Lower Upper
164 100
162 102.8 82.0 123.0
160 45.2 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 113.755 ng

RT: 10.657 min Scan# 1423

Delta R.T. -0.006 min

Lab File: BF129823.D

Acq: 16 Aug 2022 21:50

Instrument :

BNA_F

ClientSampleId :

S8

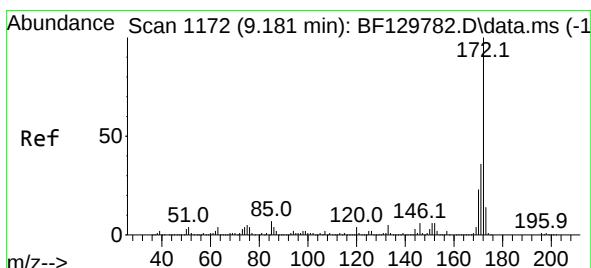
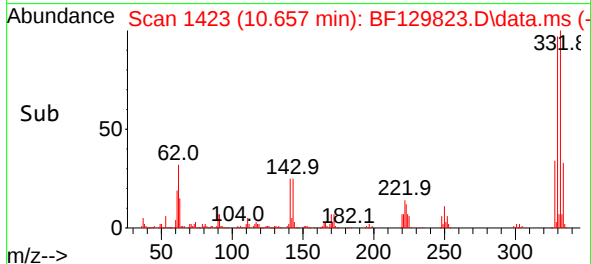
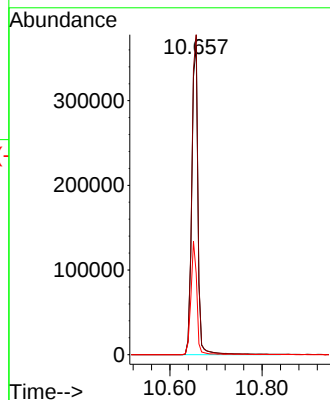
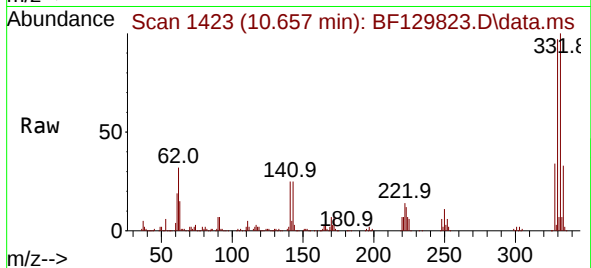
Tgt Ion:330 Resp: 339151

Ion Ratio Lower Upper

330 100

332 102.1 82.6 124.0

141 34.9 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 77.172 ng

RT: 9.181 min Scan# 1172

Delta R.T. -0.006 min

Lab File: BF129823.D

Acq: 16 Aug 2022 21:50

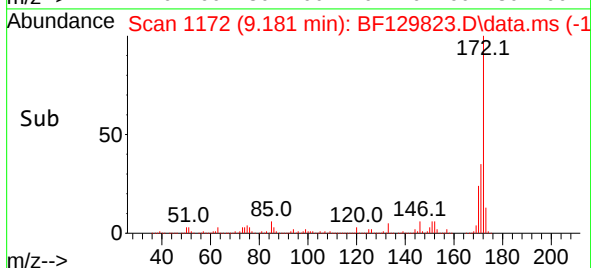
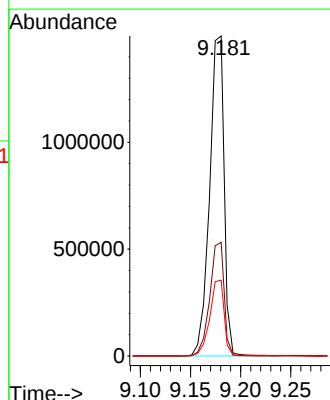
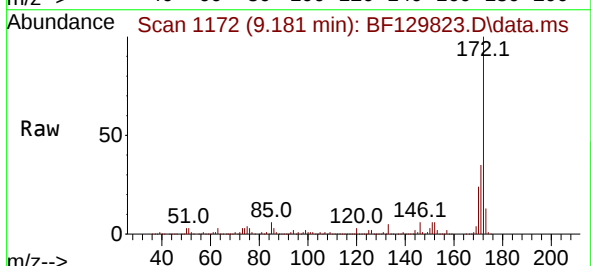
Tgt Ion:172 Resp: 1509376

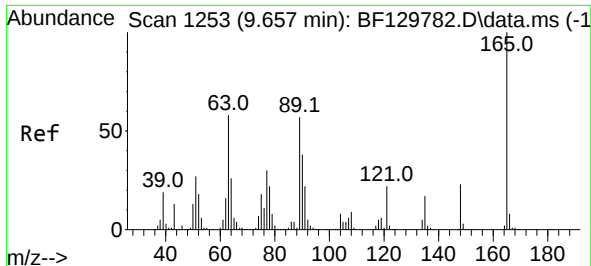
Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.7 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.267 ng

RT: 9.857 min Scan# 1287

Delta R.T. 0.200 min

Lab File: BF129823.D

Acq: 16 Aug 2022 21:50

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ClientSampleId :

S8

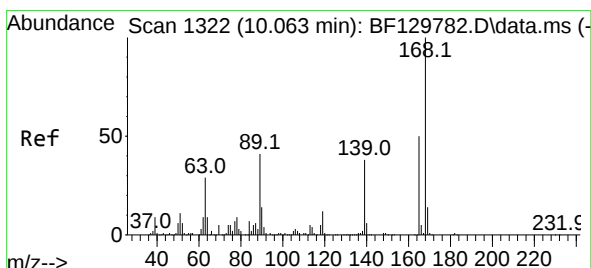
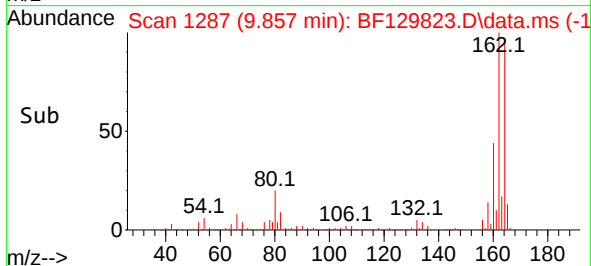
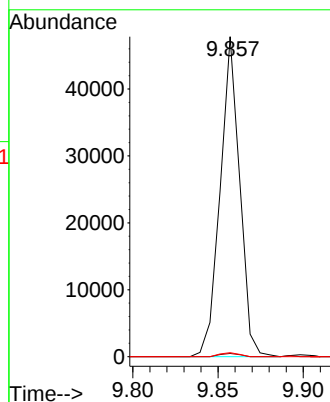
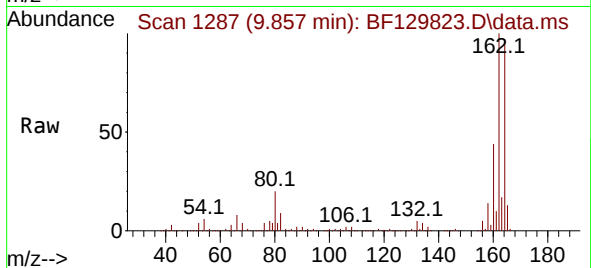
Tgt Ion:165 Resp: 38187

Ion Ratio Lower Upper

165 100

63 1.0 47.8 71.8#

89 1.3 47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 6.368 ng

RT: 9.857 min Scan# 1287

Delta R.T. -0.212 min

Lab File: BF129823.D

Acq: 16 Aug 2022 21:50

Tgt Ion:165 Resp: 38187

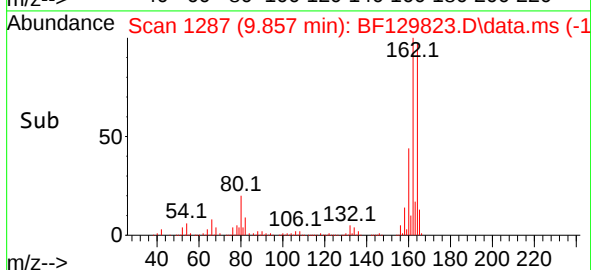
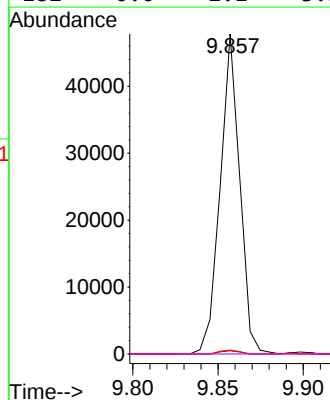
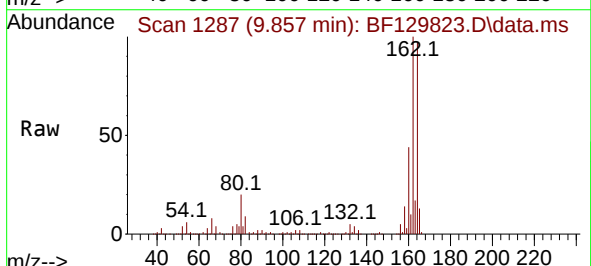
Ion Ratio Lower Upper

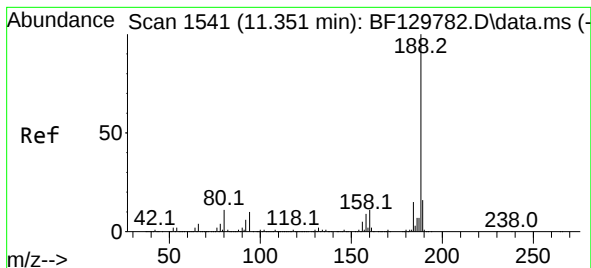
165 100

63 1.0 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: 11.345 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF129823.D

Acq: 16 Aug 2022 21:50

Instrument :

BNA_F

ClientSampleId :

S8

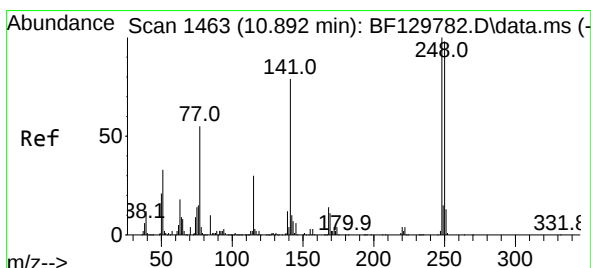
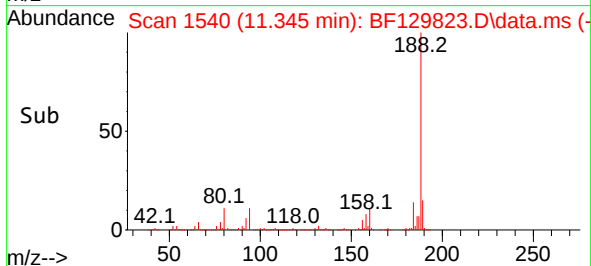
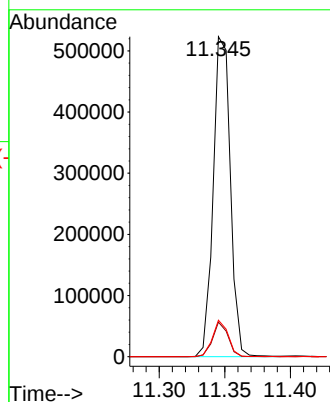
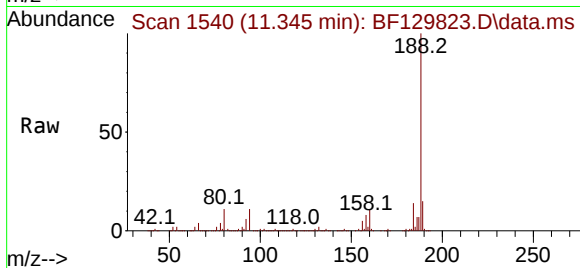
Tgt Ion:188 Resp: 475958

Ion Ratio Lower Upper

188 100

94 10.8 7.4 11.2

80 11.4 7.9 11.9



#67

4-Bromophenyl-phenylether

Concen: 3.965 ng

RT: 10.651 min Scan# 1422

Delta R.T. -0.241 min

Lab File: BF129823.D

Acq: 16 Aug 2022 21:50

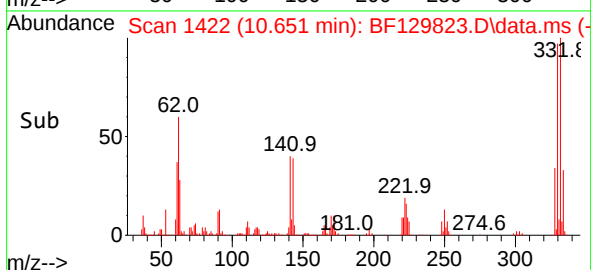
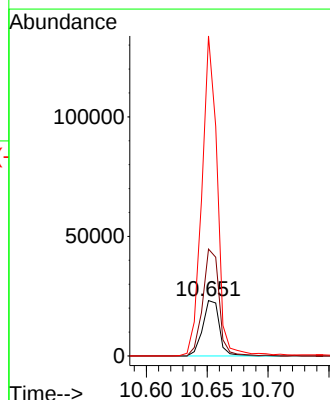
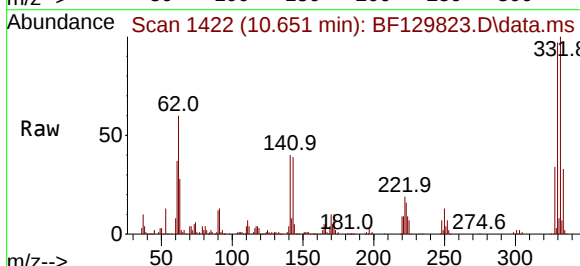
Tgt Ion:248 Resp: 22102

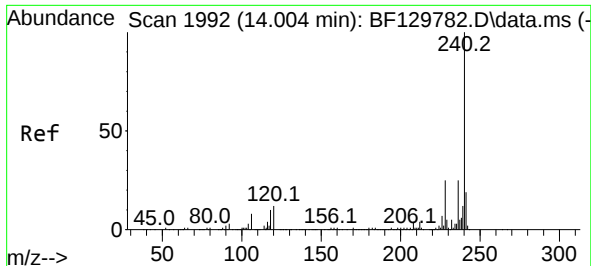
Ion Ratio Lower Upper

248 100

250 192.7 77.8 116.6#

141 577.0 66.2 99.2#

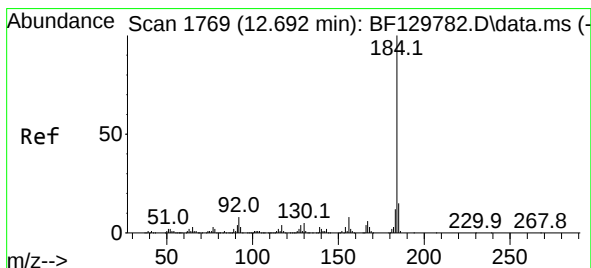
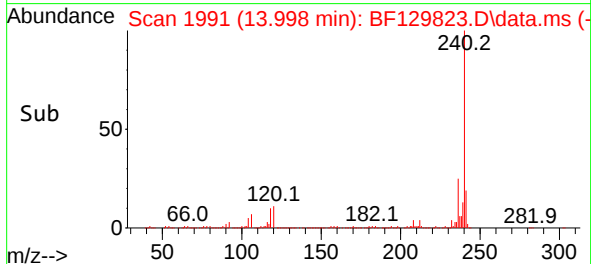
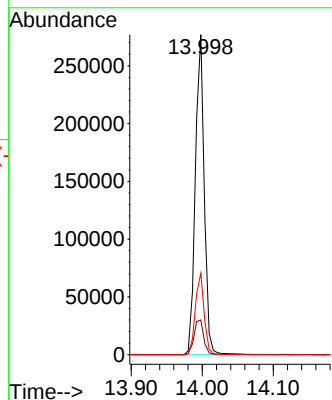
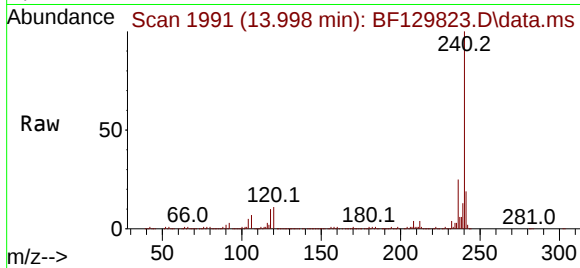




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1810
Delta R.T. -0.006 min
Lab File: BF129823.D
Acq: 16 Aug 2022 21:50

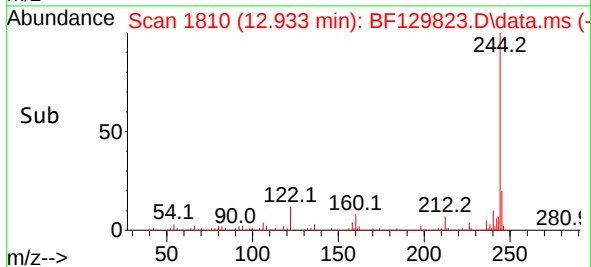
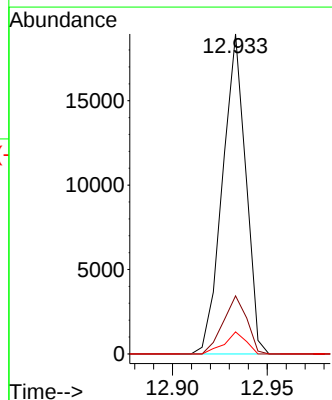
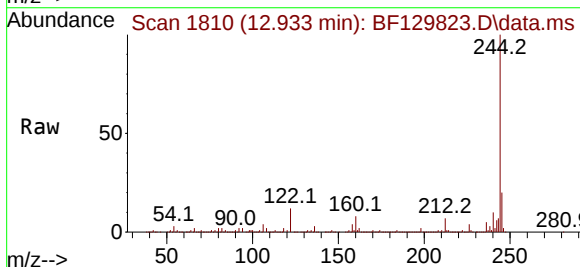
Instrument :
BNA_F
ClientSampleId :
S8

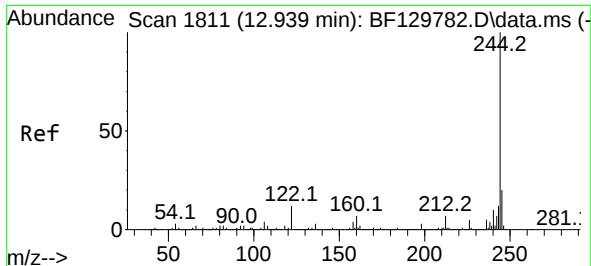
Tgt Ion:240 Resp: 241935
Ion Ratio Lower Upper
240 100
120 10.9 9.2 13.8
236 25.5 20.7 31.1



#77
Benzidine
Concen: Below Cal
RT: 12.933 min Scan# 1810
Delta R.T. 0.241 min
Lab File: BF129823.D
Acq: 16 Aug 2022 21:50

Tgt Ion:184 Resp: 16165
Ion Ratio Lower Upper
184 100
185 18.2 11.4 17.2#
183 6.9 9.4 14.2#

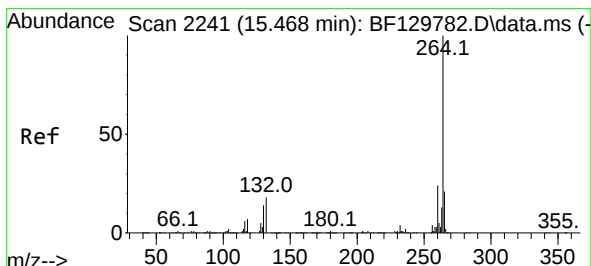
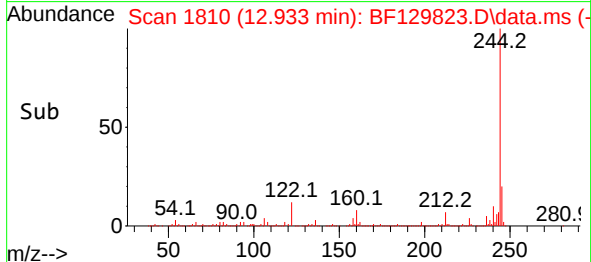
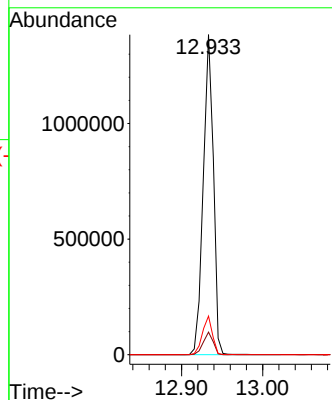
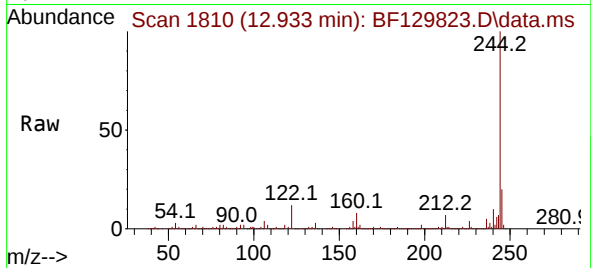




#79
 Terphenyl-d14
 Concen: 82.533 ng
 RT: 12.933 min Scan# 1811
 Delta R.T. -0.006 min
 Lab File: BF129823.D
 Acq: 16 Aug 2022 21:50

Instrument :
 BNA_F
 ClientSampleId :
 S8

Tgt Ion:244 Resp: 1200029
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 12.0 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: BF129823.D
 Acq: 16 Aug 2022 21:50

Tgt Ion:264 Resp: 277142
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.1 28.7
 265 20.4 16.7 25.1

