

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082522\
 Data File : BF130010.D
 Acq On : 25 Aug 2022 21:08
 Operator : CG\JU
 Sample : N4323-01 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-082322

Quant Time: Aug 26 01:04:41 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 25 14:45:09 2022
 Response via : Initial Calibration

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

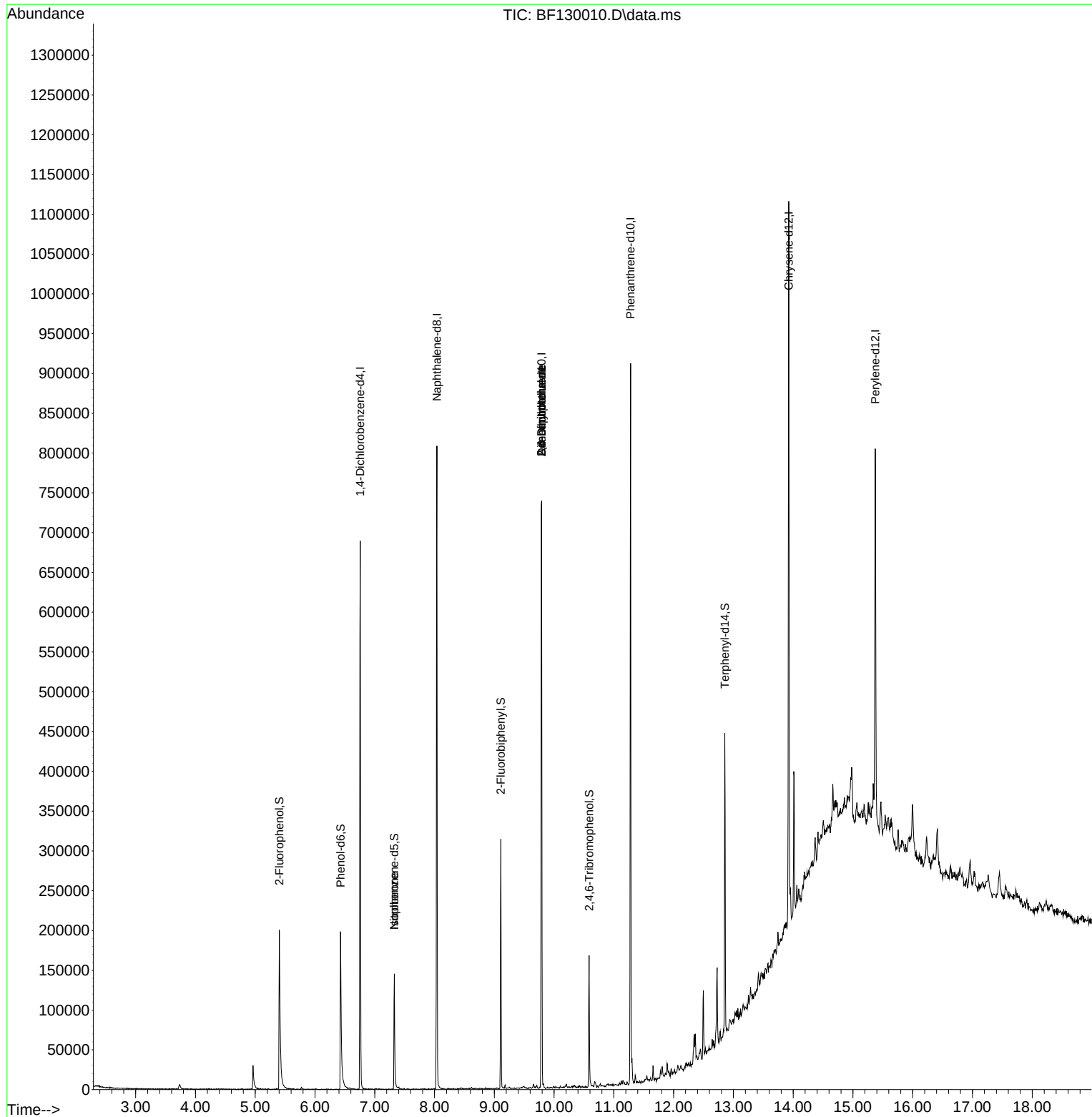
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	96744	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	333545	20.000	ng	0.00
39) Acenaphthene-d10	9.792	164	152020	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	291453	20.000	ng	0.00
76) Chrysene-d12	13.927	240	279175	20.000	ng	0.00
86) Perylene-d12	15.374	264	202341	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	74990	12.834	ng	0.01
7) Phenol-d6	6.428	99	85551	11.692	ng	0.00
23) Nitrobenzene-d5	7.328	82	49869	8.004	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	17126	11.225	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	83538	8.346	ng	0.00
79) Terphenyl-d14	12.857	244	115474	6.882	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.428	77	61	Below Cal	#	1
25) Isophorone	7.328	82	49869	4.650	ng	# 65
50) Dimethylphthalate	9.792	163	28826	2.645	ng	# 1
51) 2,6-Dinitrotoluene	9.792	165	19365	8.192	ng	# 24
57) 2,4-Dinitrotoluene	9.792	165	19365	6.310	ng	# 18
77) Benzidine	12.621	184	663	Below Cal	#	29

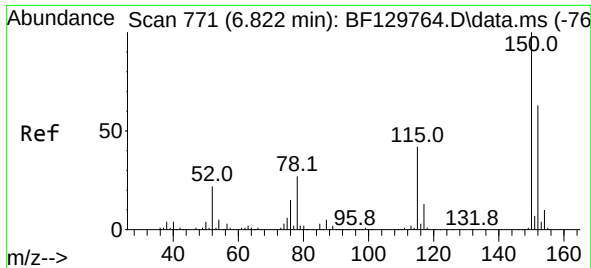
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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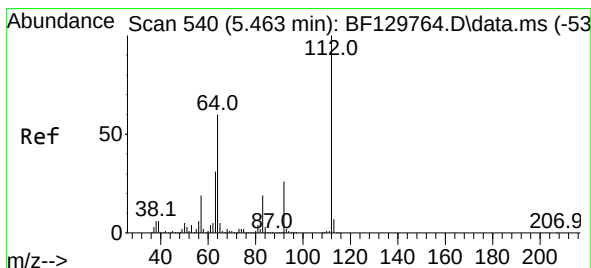
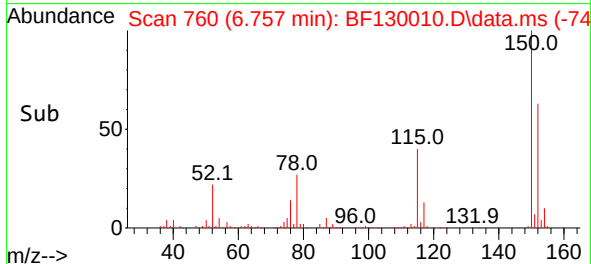
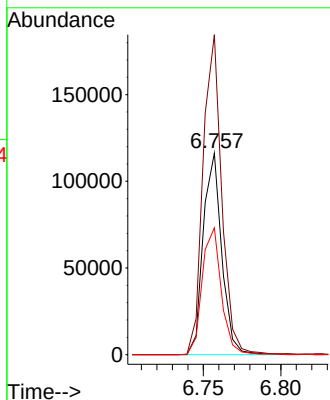
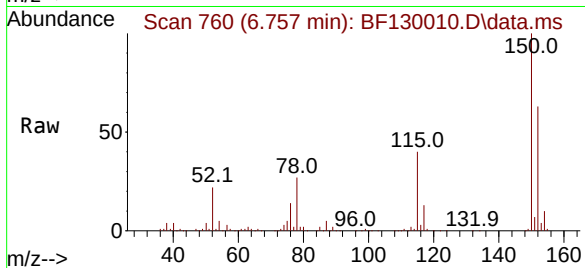




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.757 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: BF130010.D
 Acq: 25 Aug 2022 21:08

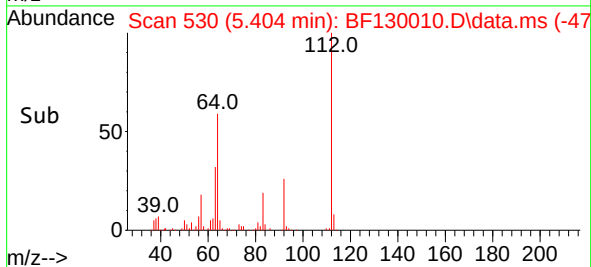
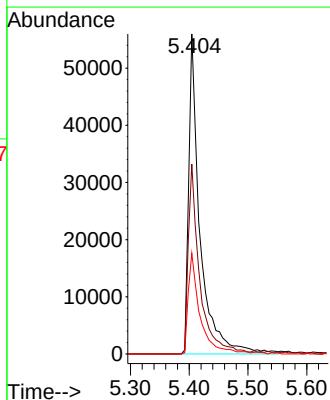
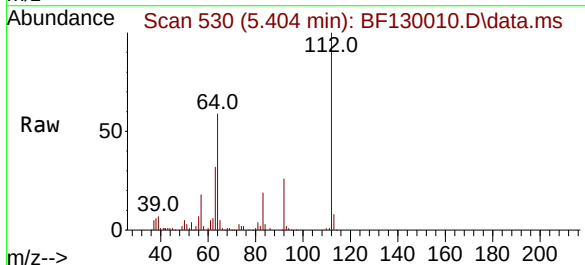
Instrument :
 BNA_F
 ClientSampleId :
 TR-05-082322

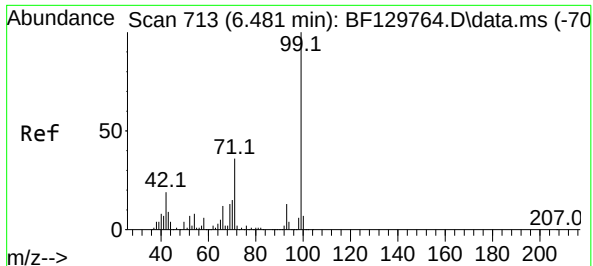
Tgt Ion:152 Resp: 96744
 Ion Ratio Lower Upper
 152 100
 150 158.7 126.9 190.3
 115 63.0 53.4 80.0



#5
 2-Fluorophenol
 Concen: 12.834 ng
 RT: 5.404 min Scan# 530
 Delta R.T. 0.012 min
 Lab File: BF130010.D
 Acq: 25 Aug 2022 21:08

Tgt Ion:112 Resp: 74990
 Ion Ratio Lower Upper
 112 100
 64 59.4 47.6 71.4
 63 31.5 24.6 37.0

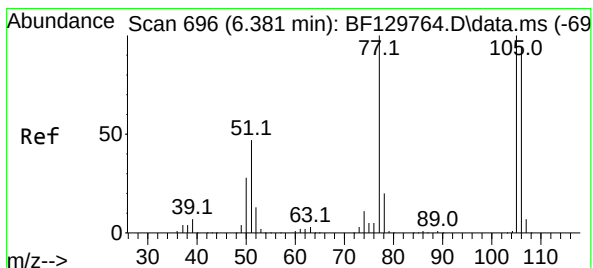
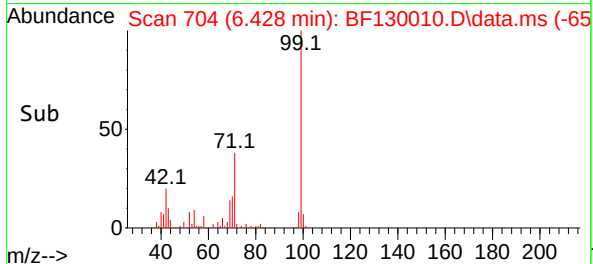
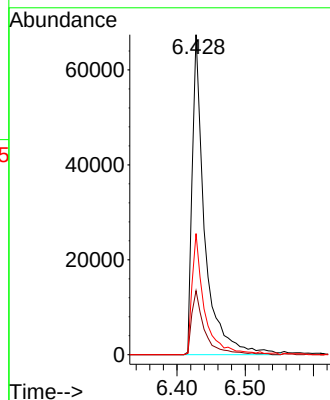
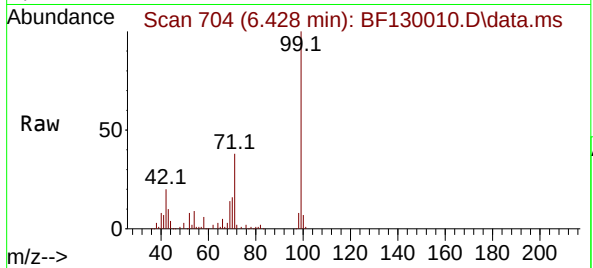




#7
Phenol-d6
Concen: 11.692 ng
RT: 6.428 min Scan# 704
Delta R.T. 0.006 min
Lab File: BF130010.D
Acq: 25 Aug 2022 21:08

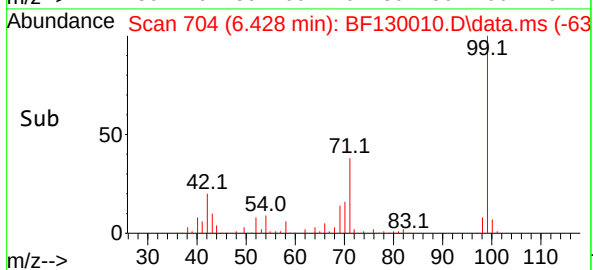
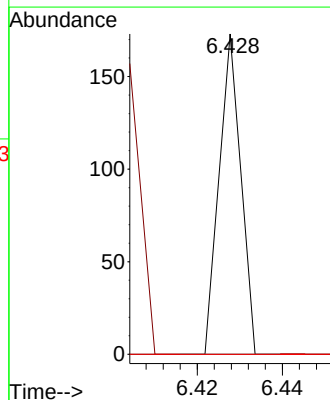
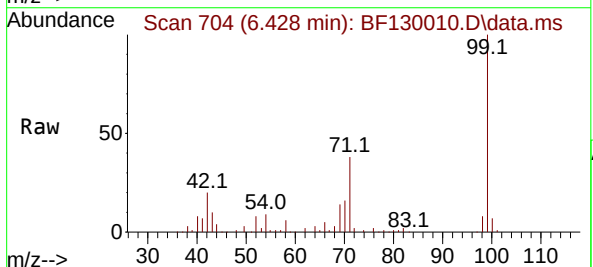
Instrument :
BNA_F
ClientSampleId :
TR-05-082322

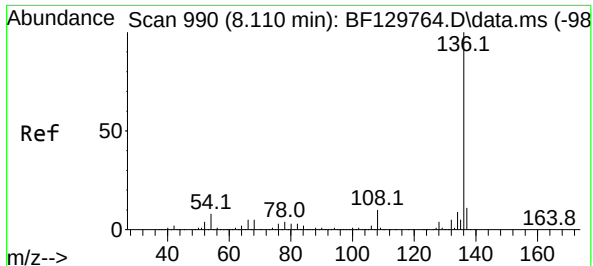
Tgt Ion: 99 Resp: 85551
Ion Ratio Lower Upper
99 100
42 20.0 15.0 22.4
71 37.9 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.428 min Scan# 704
Delta R.T. 0.112 min
Lab File: BF130010.D
Acq: 25 Aug 2022 21:08

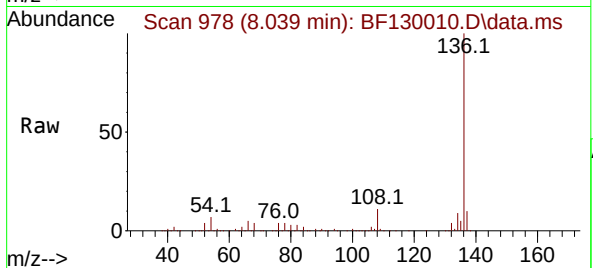
Tgt Ion: 77 Resp: 61
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#



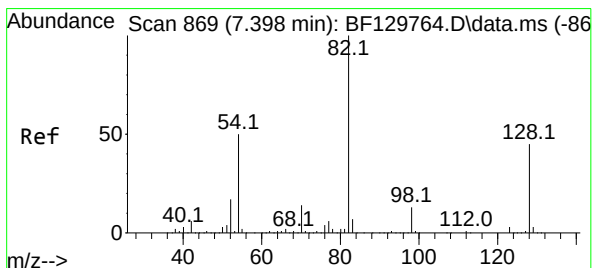
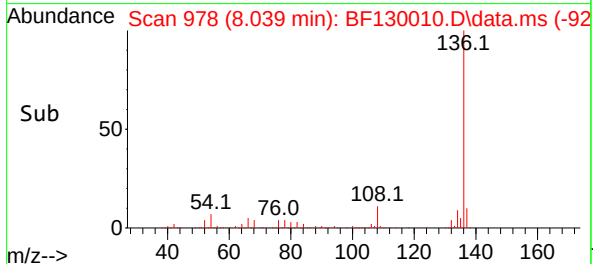
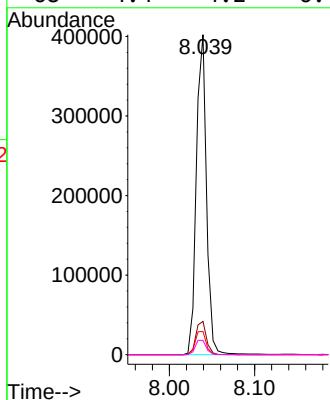


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF130010.D
Acq: 25 Aug 2022 21:08

Instrument :
BNA_F
ClientSampleId :
TR-05-082322

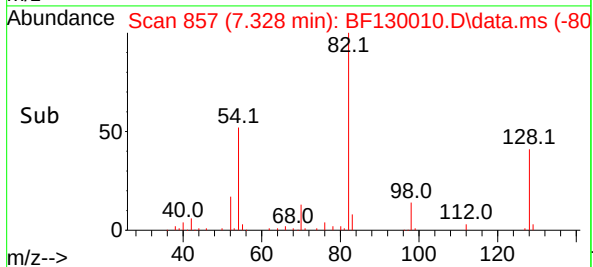
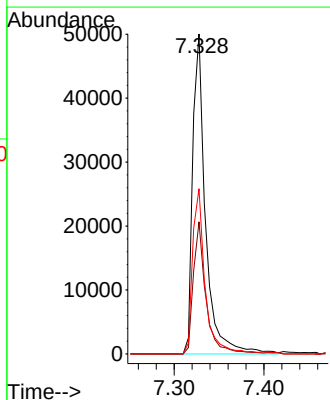
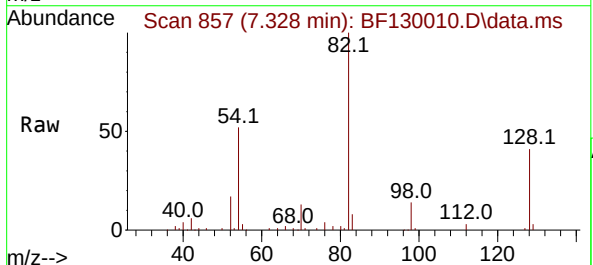


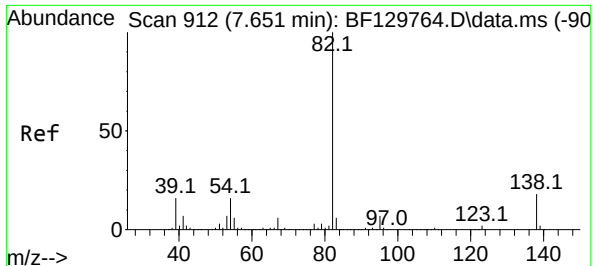
Tgt Ion:	136	Resp:	333545
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.4	12.6
54	7.3	6.2	9.2
68	4.4	4.2	6.4



#23
Nitrobenzene-d5
Concen: 8.004 ng
RT: 7.328 min Scan# 857
Delta R.T. -0.006 min
Lab File: BF130010.D
Acq: 25 Aug 2022 21:08

Tgt Ion:	82	Resp:	49869
Ion	Ratio	Lower	Upper
82	100		
128	41.3	36.1	54.1
54	51.6	40.0	60.0

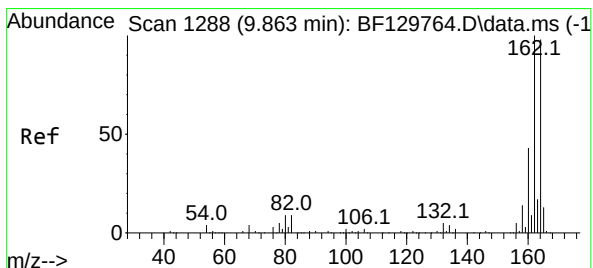
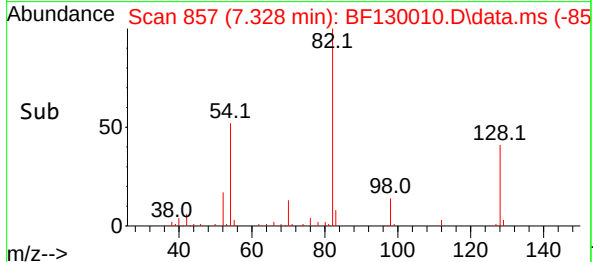
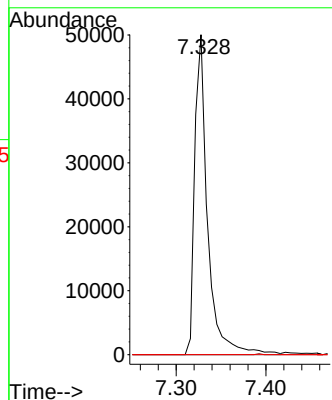
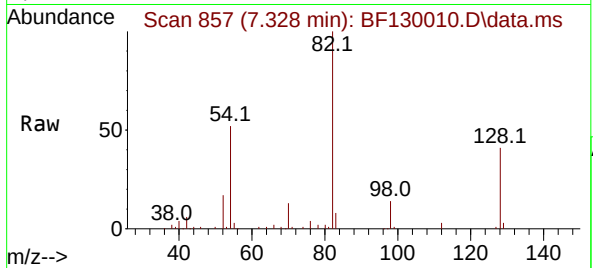




#25
Isophorone
Concen: 4.650 ng
RT: 7.328 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF130010.D
Acq: 25 Aug 2022 21:08

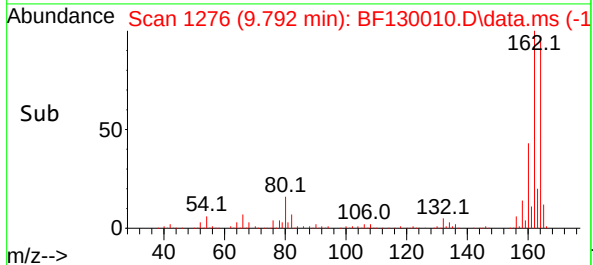
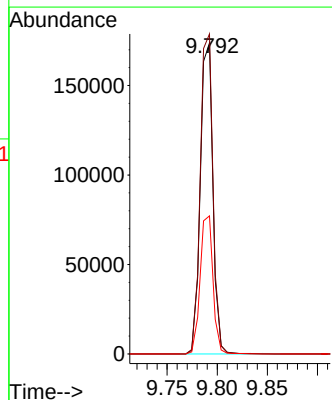
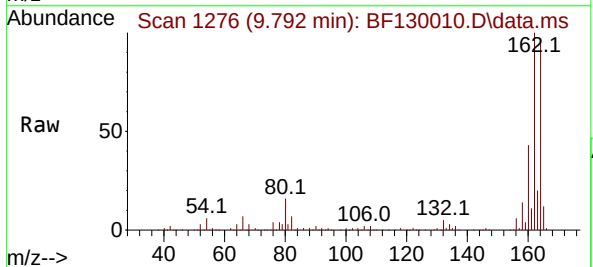
Instrument :
BNA_F
ClientSampleId :
TR-05-082322

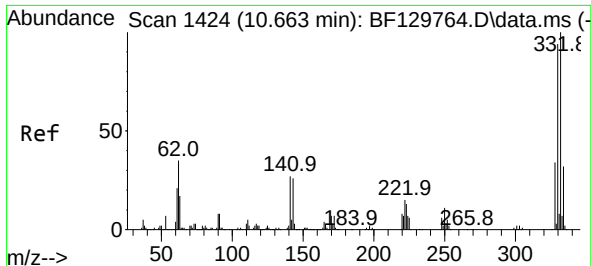
Tgt Ion: 82 Resp: 49869
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1276
Delta R.T. -0.000 min
Lab File: BF130010.D
Acq: 25 Aug 2022 21:08

Tgt Ion: 164 Resp: 152020
Ion Ratio Lower Upper
164 100
162 102.9 82.0 123.0
160 44.4 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 11.225 ng

RT: 10.586 min Scan# 1411

Delta R.T. -0.000 min

Lab File: BF130010.D

Acq: 25 Aug 2022 21:08

Instrument :

BNA_F

ClientSampleId :

TR-05-082322

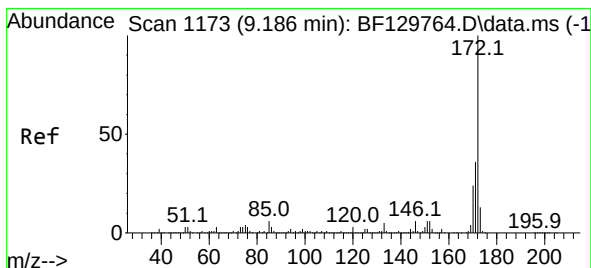
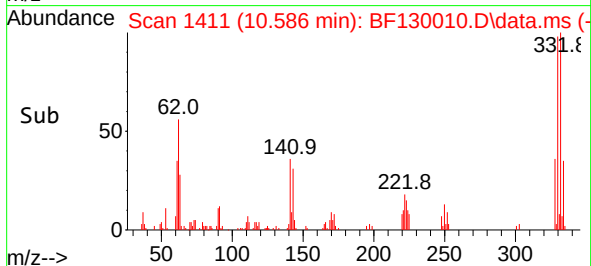
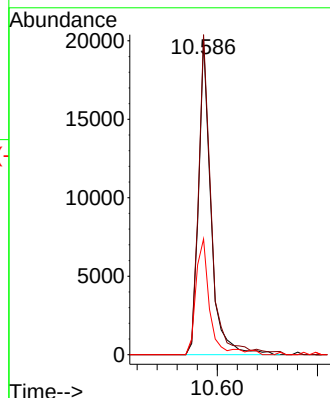
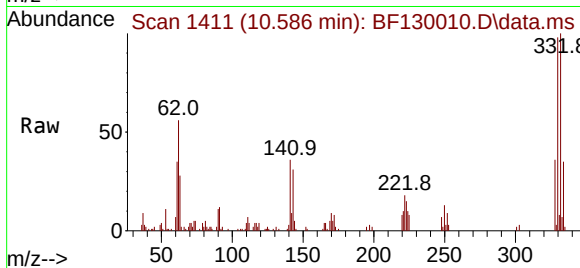
Tgt Ion:330 Resp: 17126

Ion Ratio Lower Upper

330 100

332 104.9 82.6 124.0

141 41.5 27.6 41.4#



#45

2-Fluorobiphenyl

Concen: 8.346 ng

RT: 9.110 min Scan# 1160

Delta R.T. -0.006 min

Lab File: BF130010.D

Acq: 25 Aug 2022 21:08

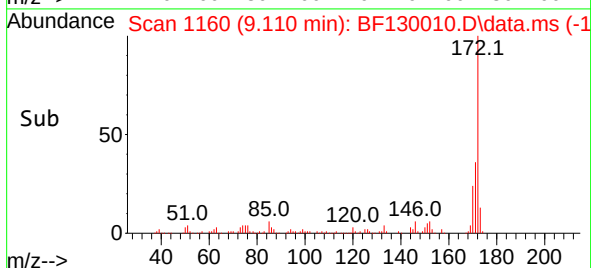
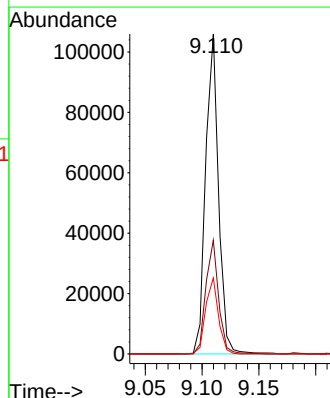
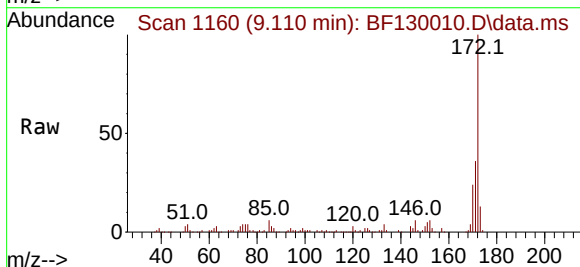
Tgt Ion:172 Resp: 83538

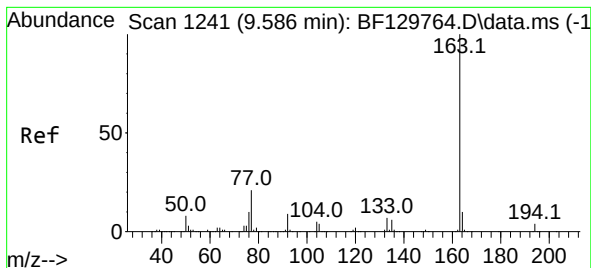
Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.8 19.1 28.7





#50

Dimethylphthalate

Concen: 2.645 ng

RT: 9.792 min Scan# 1

Delta R.T. 0.270 min

Lab File: BF130010.D

Acq: 25 Aug 2022 21:08

Instrument :

BNA_F

ClientSampleId :

TR-05-082322

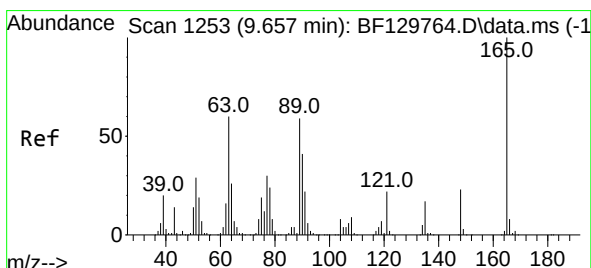
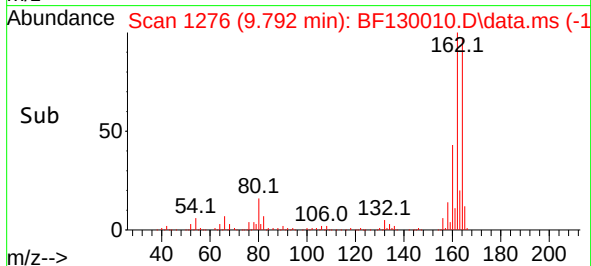
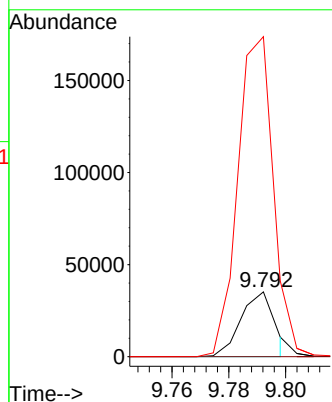
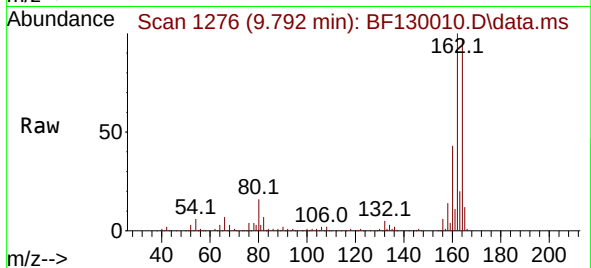
Tgt Ion:163 Resp: 28826

Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 493.4 8.2 12.2#



#51

2,6-Dinitrotoluene

Concen: 8.192 ng

RT: 9.792 min Scan# 1276

Delta R.T. 0.200 min

Lab File: BF130010.D

Acq: 25 Aug 2022 21:08

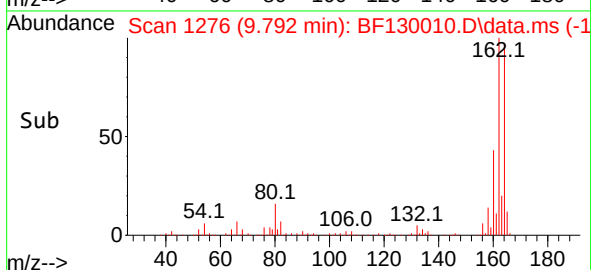
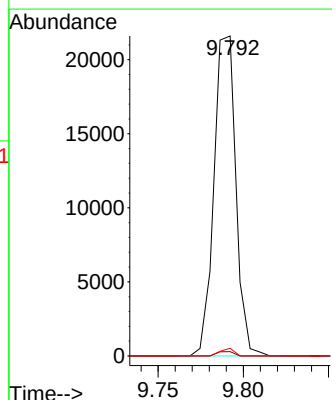
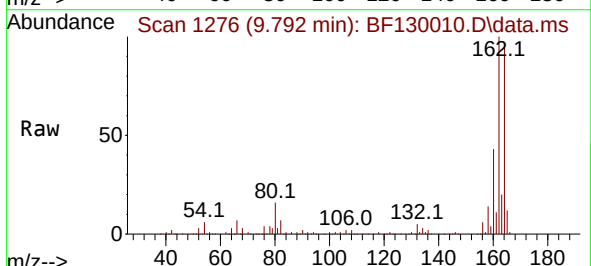
Tgt Ion:165 Resp: 19365

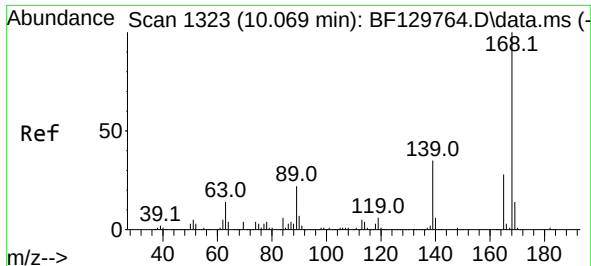
Ion Ratio Lower Upper

165 100

63 1.3 47.8 71.8#

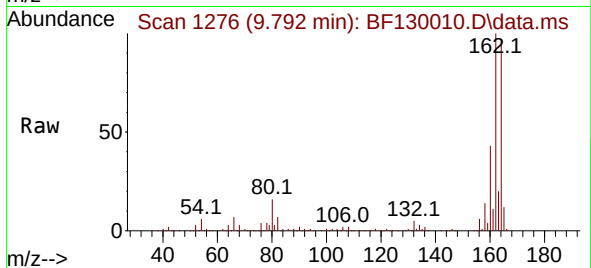
89 2.4 47.2 70.8#



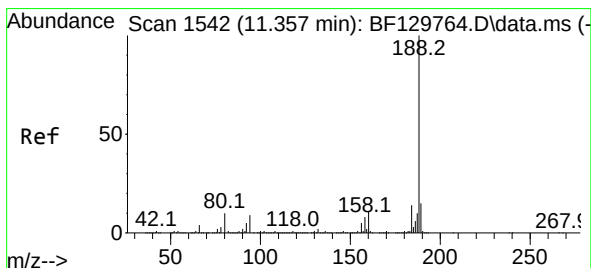
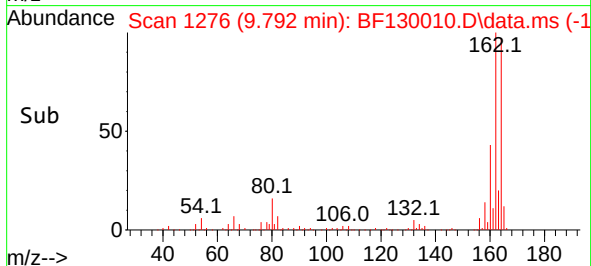
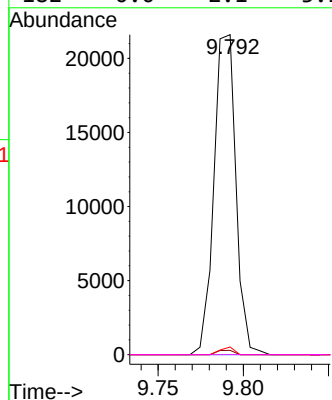


#57
2,4-Dinitrotoluene
Concen: 6.310 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF130010.D
Acq: 25 Aug 2022 21:08

Instrument :
BNA_F
ClientSampleId :
TR-05-082322

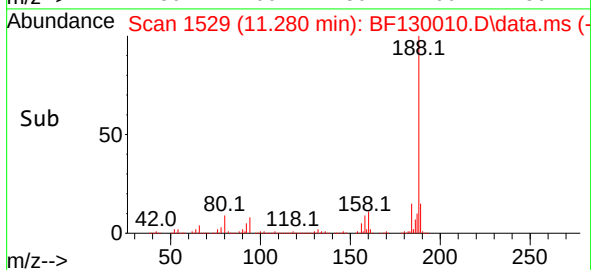
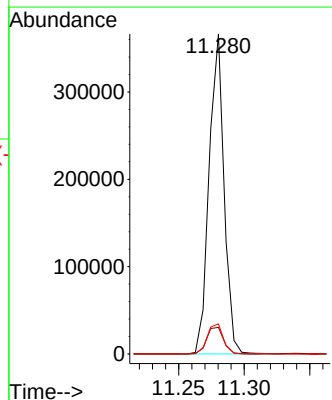
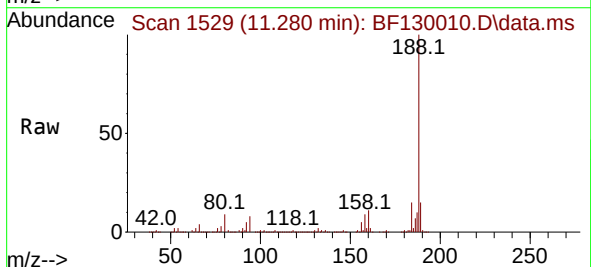


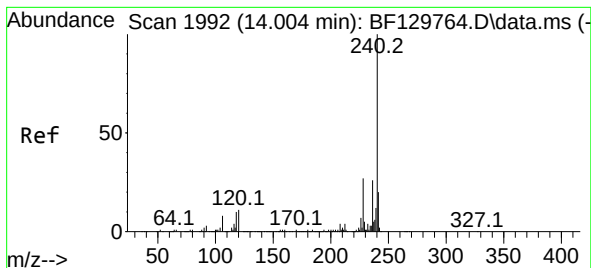
Tgt Ion:165 Resp: 19365
Ion Ratio Lower Upper
165 100
63 1.3 48.4 72.6#
89 2.4 62.3 93.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 1529
Delta R.T. -0.000 min
Lab File: BF130010.D
Acq: 25 Aug 2022 21:08

Tgt Ion:188 Resp: 291453
Ion Ratio Lower Upper
188 100
94 8.3 7.4 11.2
80 9.4 7.9 11.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.927 min Scan# 1992

Delta R.T. -0.000 min

Lab File: BF130010.D

Acq: 25 Aug 2022 21:08

Instrument :

BNA_F

ClientSampleId :

TR-05-082322

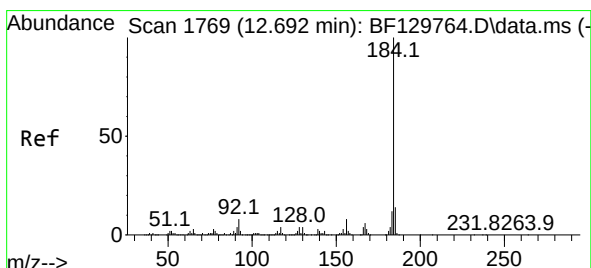
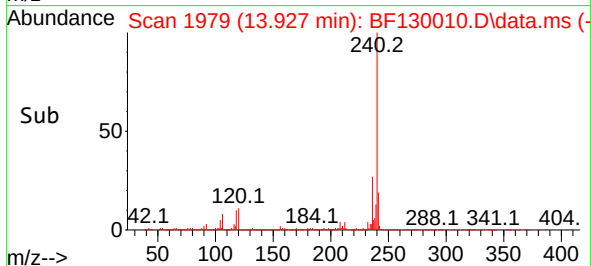
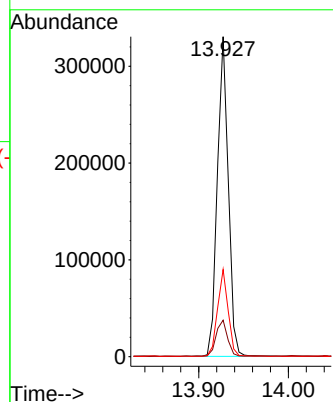
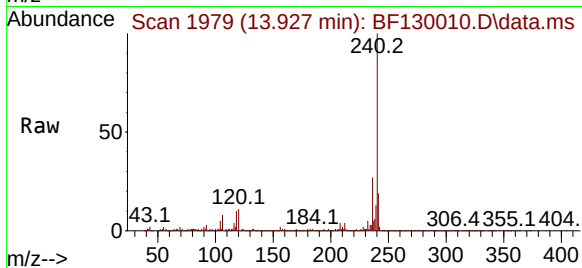
Tgt Ion:240 Resp: 279175

Ion Ratio Lower Upper

240 100

120 11.4 9.2 13.8

236 27.2 20.7 31.1



#77

Benzidine

Concen: Below Cal

RT: 12.621 min Scan# 1757

Delta R.T. -0.000 min

Lab File: BF130010.D

Acq: 25 Aug 2022 21:08

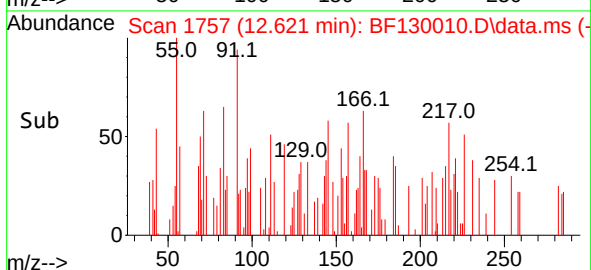
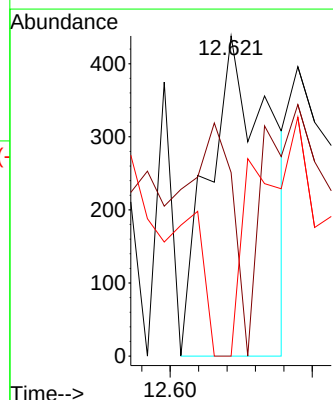
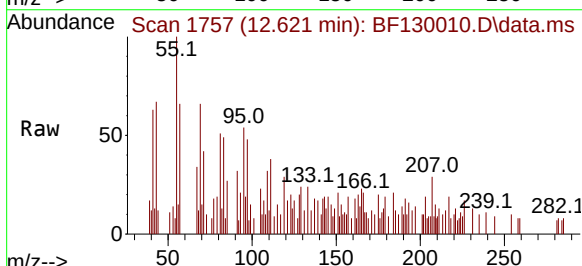
Tgt Ion:184 Resp: 663

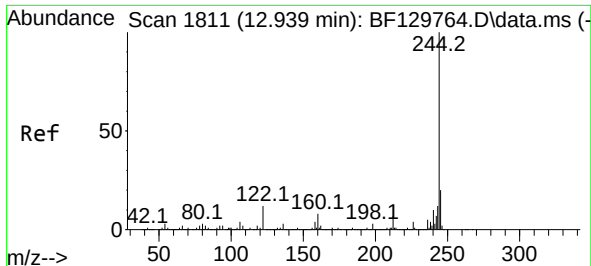
Ion Ratio Lower Upper

184 100

185 57.3 11.4 17.2#

183 0.0 9.4 14.2#

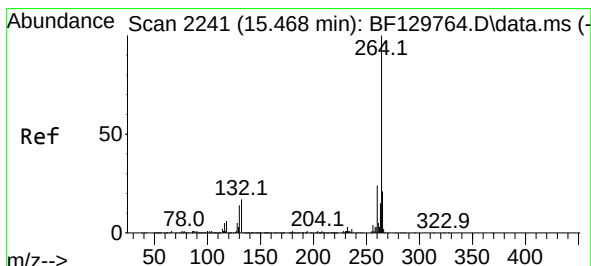
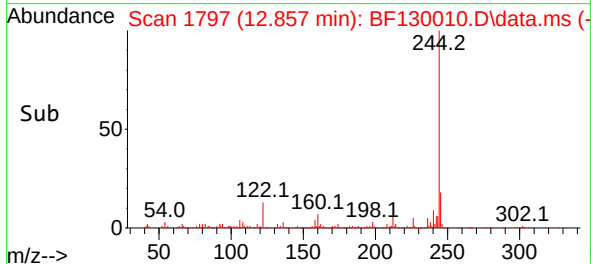
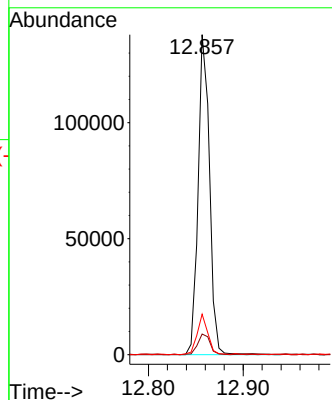
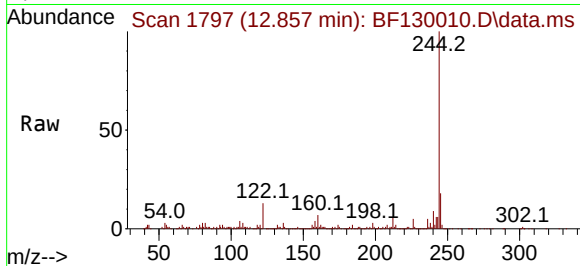




#79
 Terphenyl-d14
 Concen: 6.882 ng
 RT: 12.857 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF130010.D
 Acq: 25 Aug 2022 21:08

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-082322

Tgt Ion:244 Resp: 115474
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.9 8.9
 122 12.7 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.374 min Scan# 2225
 Delta R.T. 0.006 min
 Lab File: BF130010.D
 Acq: 25 Aug 2022 21:08

Tgt Ion:264 Resp: 202341
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.1 28.7
 265 22.4 16.7 25.1

