

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070722\
 Data File : BF129167.D
 Acq On : 07 Jul 2022 19:32
 Operator : CG\JU
 Sample : N3617-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Quant Time: Jul 08 01:56:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 17:05:31 2022
 Response via : Initial Calibration

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

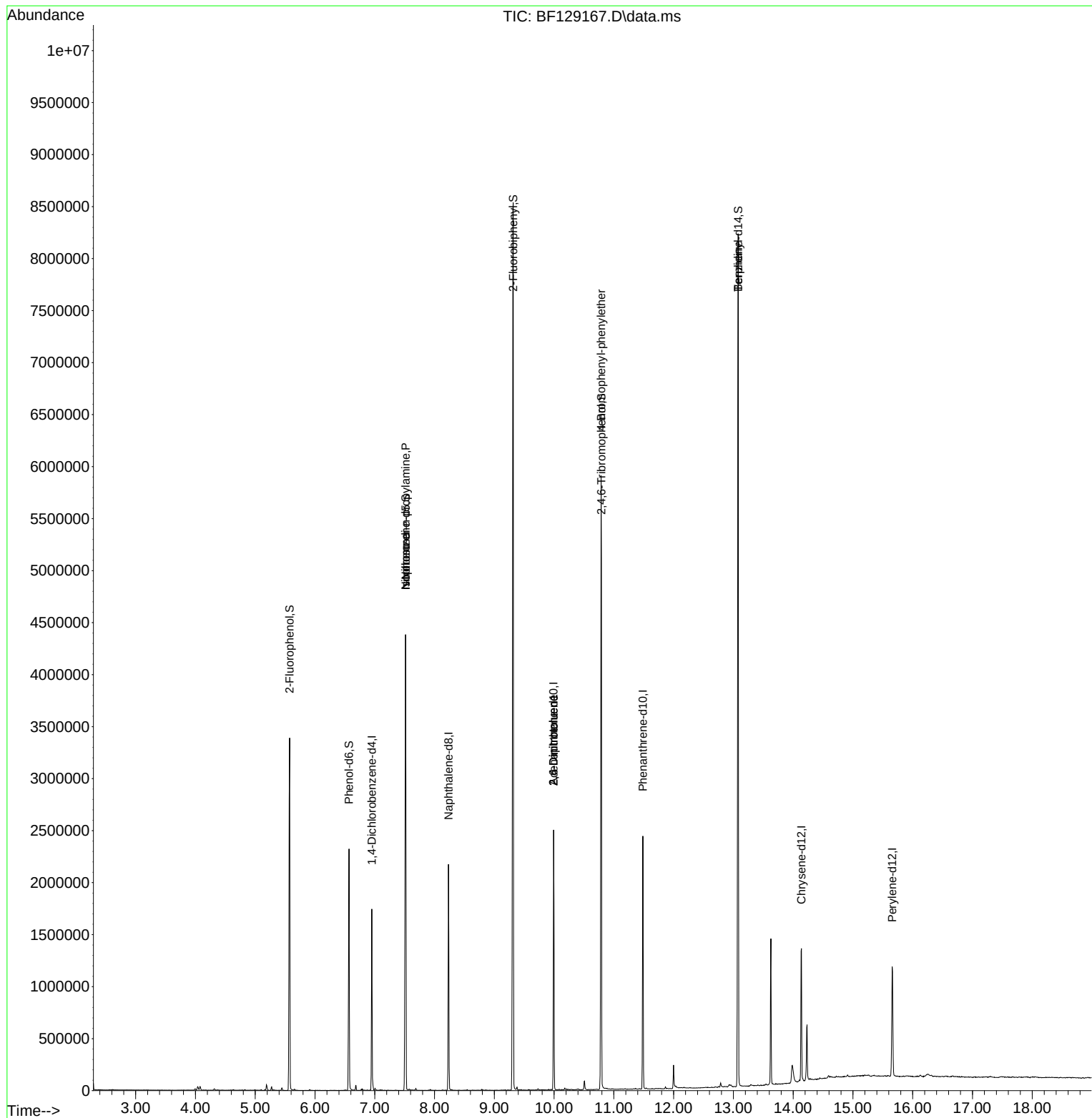
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	237166	20.000	ng	-0.01
21) Naphthalene-d8	8.233	136	906476	20.000	ng	-0.01
39) Acenaphthene-d10	9.992	164	474869	20.000	ng	-0.01
64) Phenanthrene-d10	11.486	188	815911	20.000	ng	-0.01
76) Chrysene-d12	14.139	240	461391	20.000	ng	-0.01
86) Perylene-d12	15.656	264	510542	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	931732	66.418	ng	-0.01
7) Phenol-d6	6.569	99	725080	41.617	ng	-0.02
23) Nitrobenzene-d5	7.516	82	1566941	103.105	ng	-0.01
42) 2,4,6-Tribromophenol	10.792	330	834200	161.557	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	2912686	98.125	ng	0.00
79) Terphenyl-d14	13.080	244	2832577	127.489	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.504	77	392	Below Cal	#	70
19) n-Nitroso-di-n-propyla...	7.516	70	205489	20.389	ng	# 70
25) Isophorone	7.516	82	1553217	60.473	ng	# 65
51) 2,6-Dinitrotoluene	9.992	165	61389	10.112	ng	# 26
57) 2,4-Dinitrotoluene	9.992	165	61389	8.191	ng	# 21
67) 4-Bromophenyl-phenylether	10.786	248	49026	5.649	ng	# 1
77) Benizidine	13.080	184	38134	4.642	ng	# 94

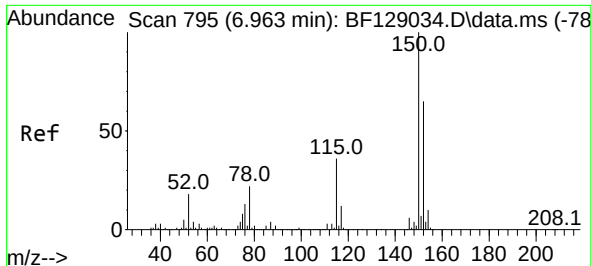
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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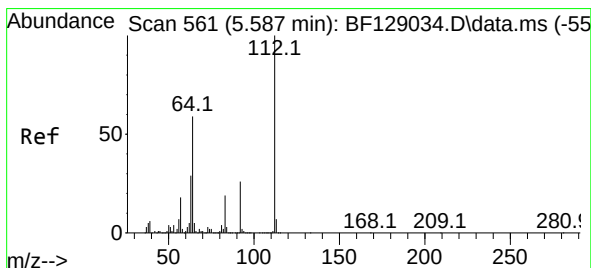
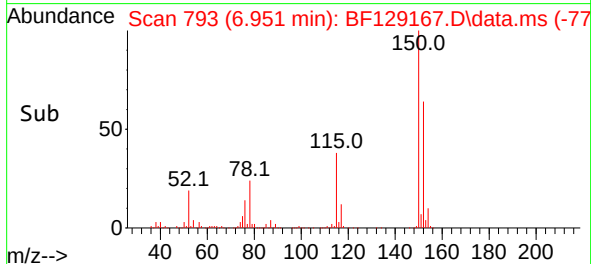
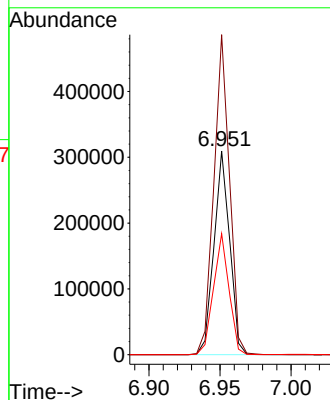
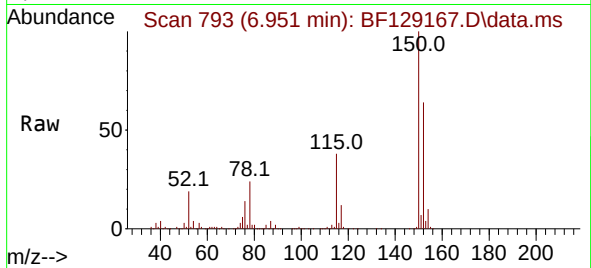




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 795
Delta R.T. -0.012 min
Lab File: BF129167.D
Acq: 07 Jul 2022 19:32

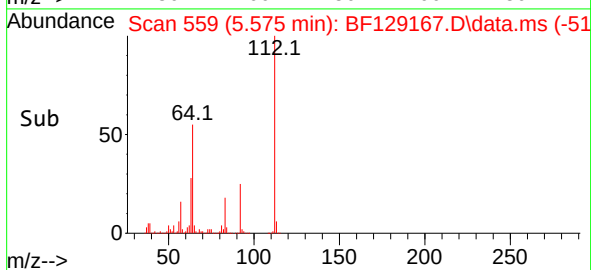
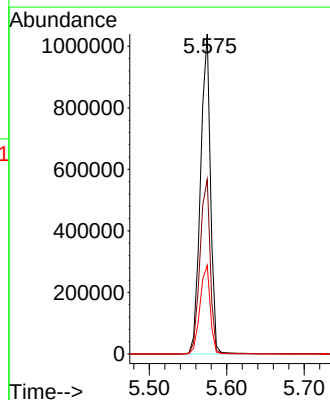
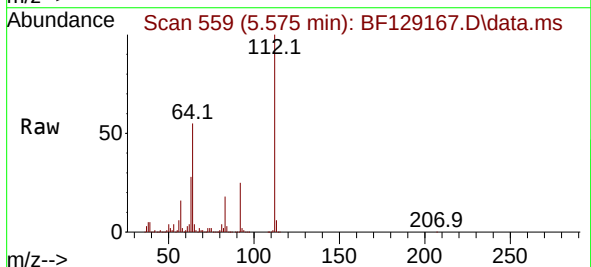
Instrument :
BNA_F
ClientSampleId :
MW-01

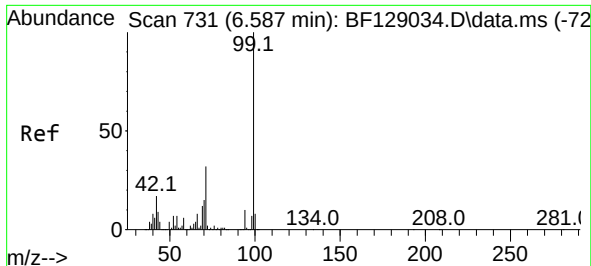
Tgt Ion:152 Resp: 237166
Ion Ratio Lower Upper
152 100
150 157.1 123.7 185.5
115 59.4 49.9 74.9



#5
2-Fluorophenol
Concen: 66.418 ng
RT: 5.575 min Scan# 559
Delta R.T. -0.012 min
Lab File: BF129167.D
Acq: 07 Jul 2022 19:32

Tgt Ion:112 Resp: 931732
Ion Ratio Lower Upper
112 100
64 54.6 53.3 79.9
63 27.7 28.0 42.0#

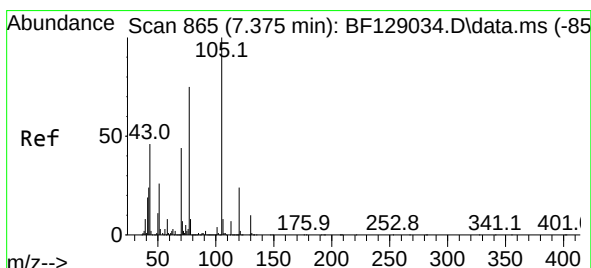
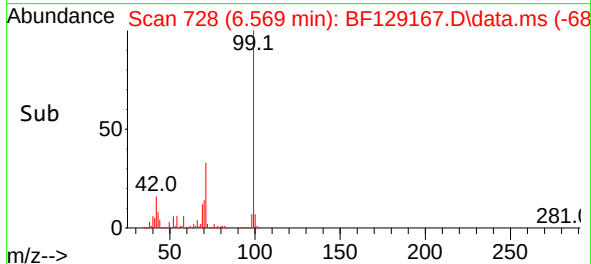
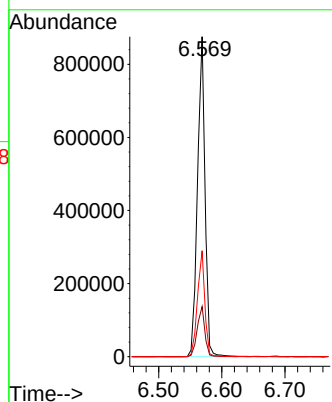
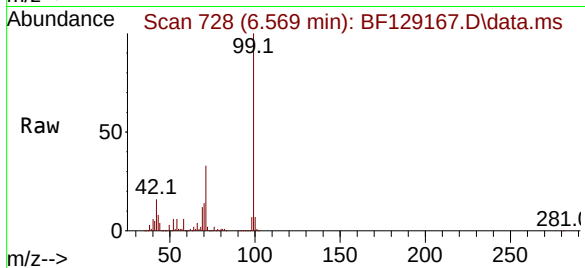




#7
Phenol-d6
Concen: 41.617 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF129167.D
Acq: 07 Jul 2022 19:32

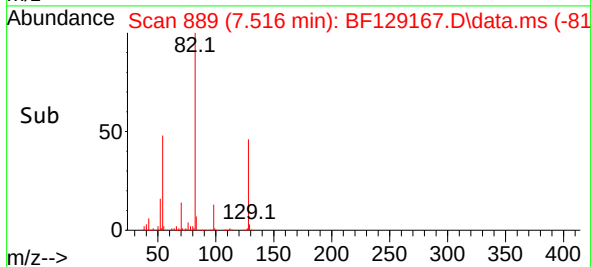
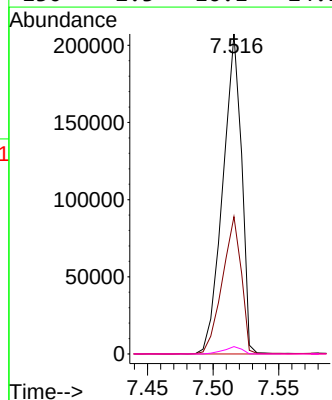
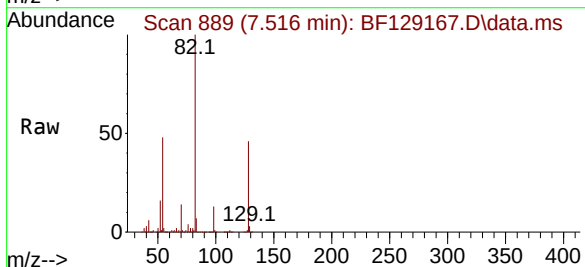
Instrument :
BNA_F
ClientSampleId :
MW-01

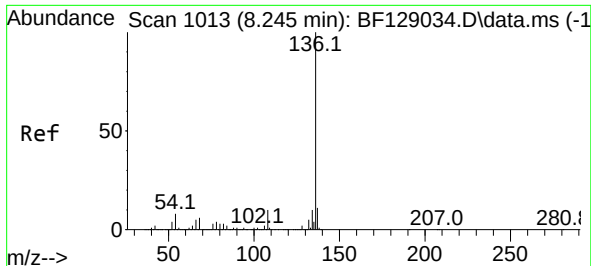
Tgt Ion: 99 Resp: 725080
Ion Ratio Lower Upper
99 100
42 15.6 17.3 25.9#
71 33.1 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 20.389 ng
RT: 7.516 min Scan# 889
Delta R.T. 0.141 min
Lab File: BF129167.D
Acq: 07 Jul 2022 19:32

Tgt Ion: 70 Resp: 205489
Ion Ratio Lower Upper
70 100
42 42.9 52.3 78.5#
101 0.0 7.5 11.3#
130 2.3 16.1 24.1#

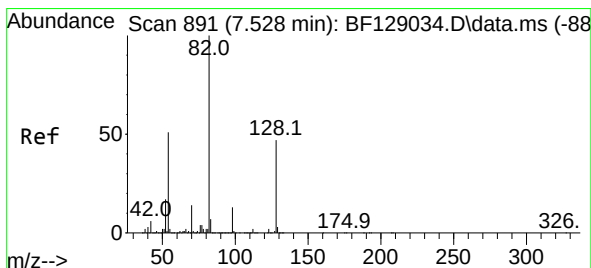
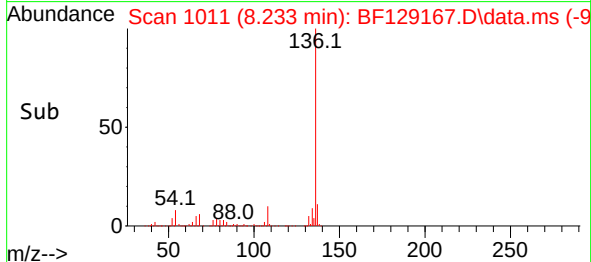
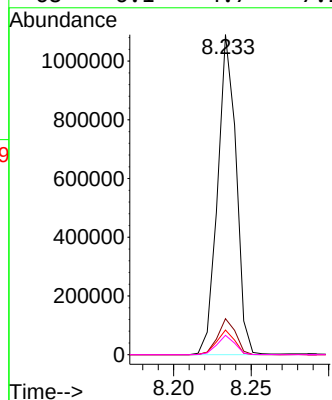
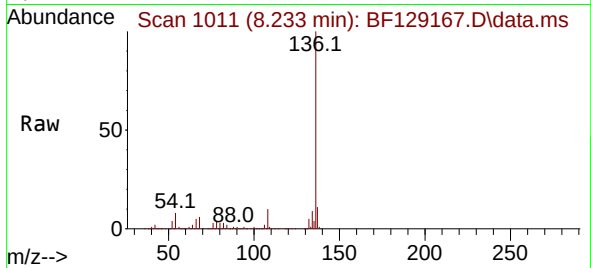




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.233 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BF129167.D
Acq: 07 Jul 2022 19:32

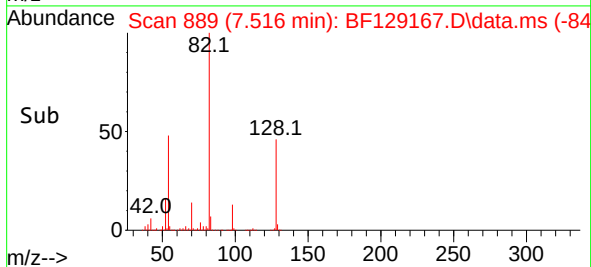
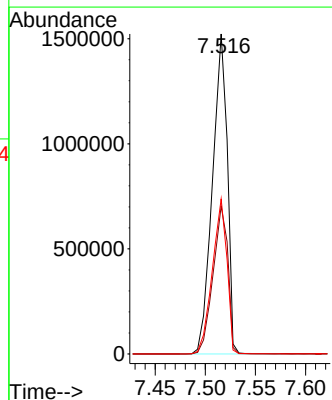
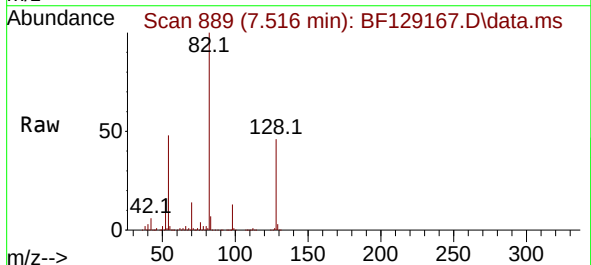
Instrument :
BNA_F
ClientSampleId :
MW-01

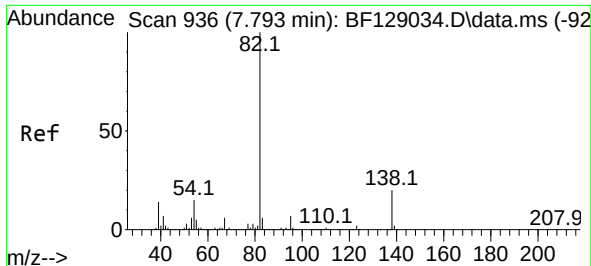
Tgt Ion:136 Resp: 906476
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.7 7.5 11.3
68 6.1 4.7 7.1



#23
Nitrobenzene-d5
Concen: 103.105 ng
RT: 7.516 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF129167.D
Acq: 07 Jul 2022 19:32

Tgt Ion: 82 Resp: 1566941
Ion Ratio Lower Upper
82 100
128 46.3 34.0 51.0
54 48.5 46.9 70.3

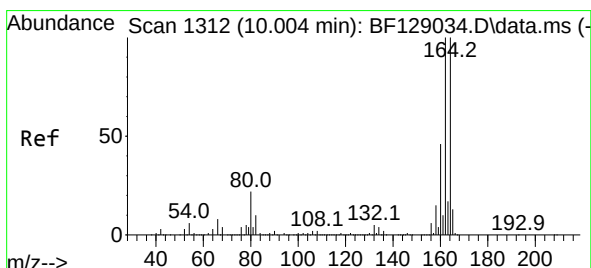
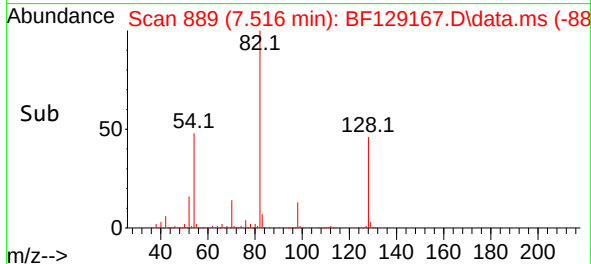
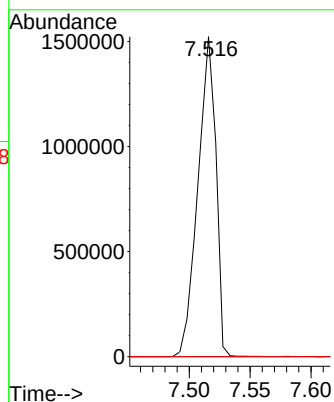
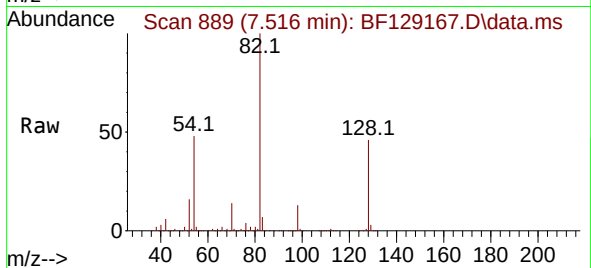




#25
Isophorone
Concen: 60.473 ng
RT: 7.516 min Scan# 889
Delta R.T. -0.277 min
Lab File: BF129167.D
Acq: 07 Jul 2022 19:32

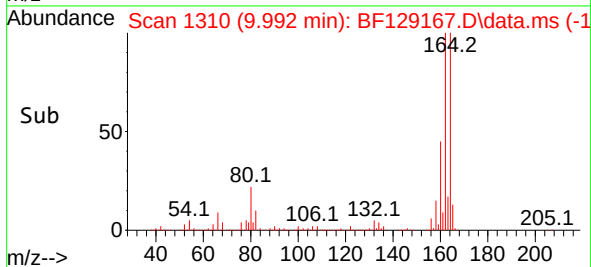
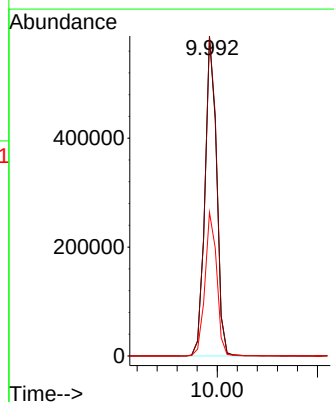
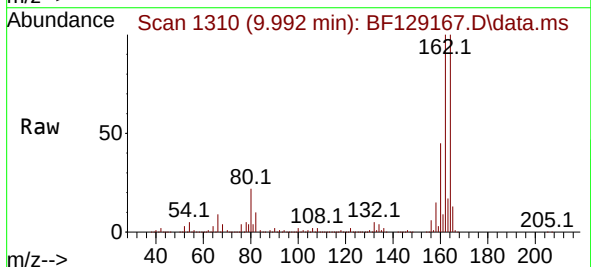
Instrument :
BNA_F
ClientSampleId :
MW-01

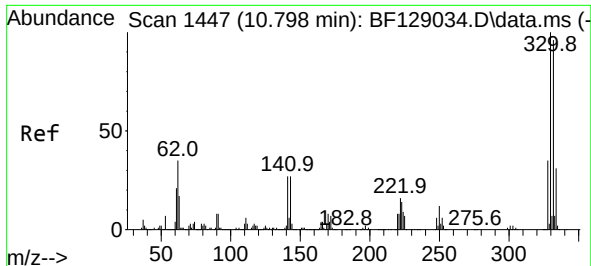
Tgt Ion: 82 Resp: 1553217
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.992 min Scan# 1310
Delta R.T. -0.012 min
Lab File: BF129167.D
Acq: 07 Jul 2022 19:32

Tgt Ion:164 Resp: 474869
Ion Ratio Lower Upper
164 100
162 100.2 79.5 119.3
160 44.9 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 161.557 ng

RT: 10.792 min Scan# 1446

Delta R.T. -0.006 min

Lab File: BF129167.D

Acq: 07 Jul 2022 19:32

Instrument :

BNA_F

ClientSampleId :

MW-01

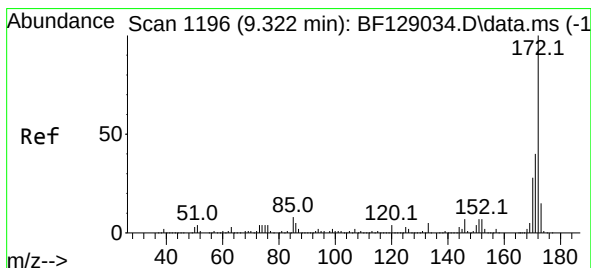
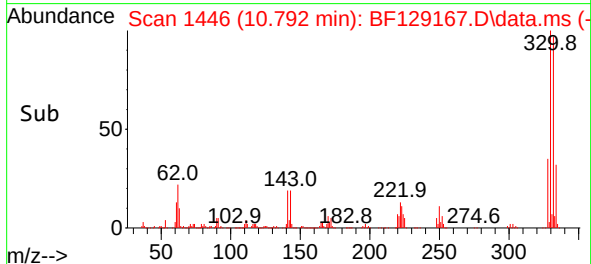
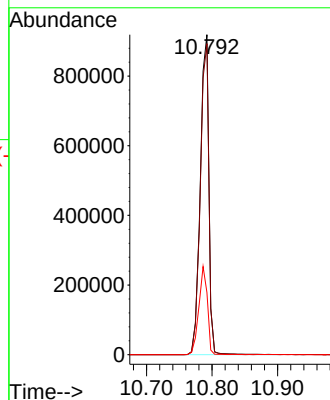
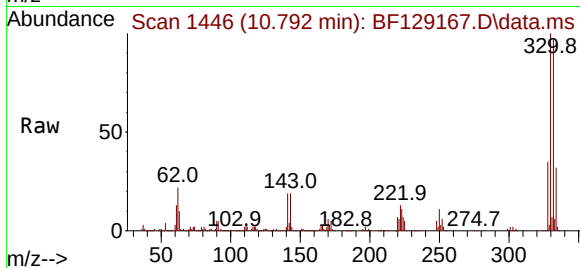
Tgt Ion:330 Resp: 834200

Ion Ratio Lower Upper

330 100

332 97.4 76.8 115.2

141 27.7 28.0 42.0#



#45

2-Fluorobiphenyl

Concen: 98.125 ng

RT: 9.316 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF129167.D

Acq: 07 Jul 2022 19:32

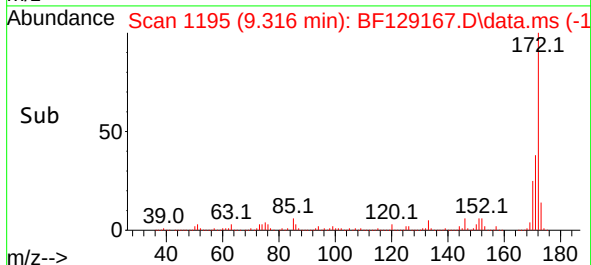
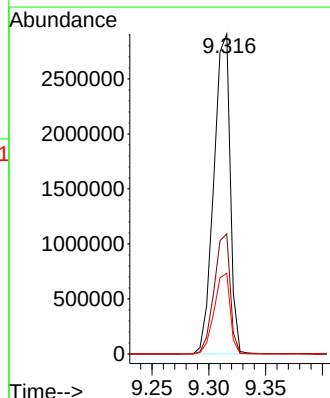
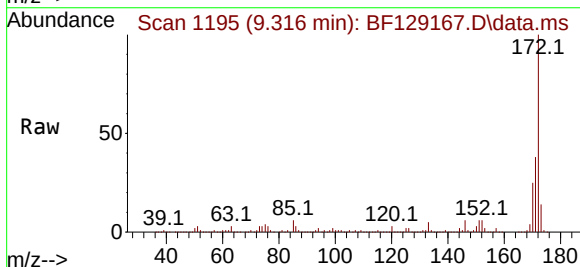
Tgt Ion:172 Resp: 2912686

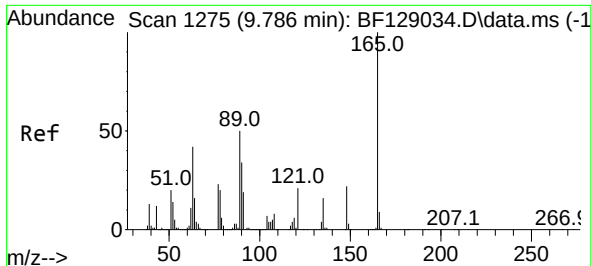
Ion Ratio Lower Upper

172 100

171 37.6 28.8 43.2

170 25.3 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 10.112 ng

RT: 9.992 min Scan# 1310

Delta R.T. 0.206 min

Lab File: BF129167.D

Acq: 07 Jul 2022 19:32

Instrument :

BNA_F

ClientSampleId :

MW-01

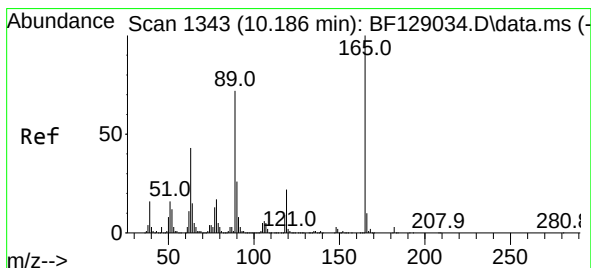
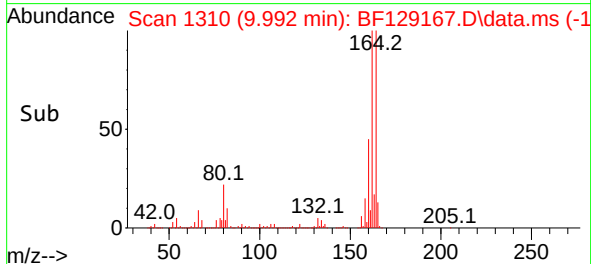
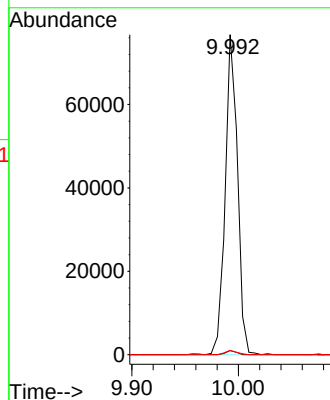
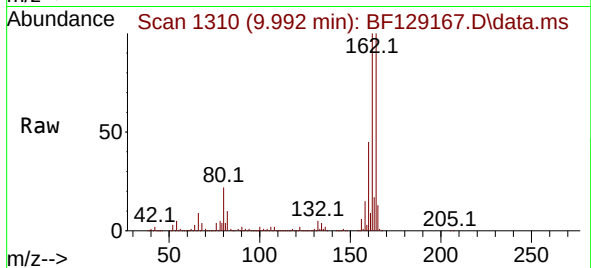
Tgt Ion:165 Resp: 61389

Ion Ratio Lower Upper

165 100

63 1.2 44.9 67.3#

89 1.4 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 8.191 ng

RT: 9.992 min Scan# 1310

Delta R.T. -0.194 min

Lab File: BF129167.D

Acq: 07 Jul 2022 19:32

Tgt Ion:165 Resp: 61389

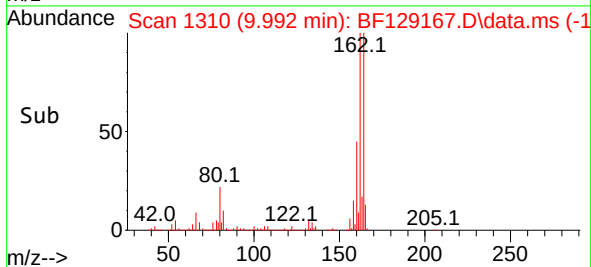
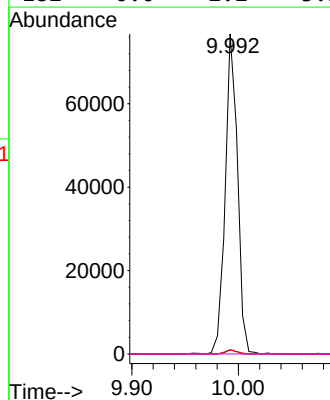
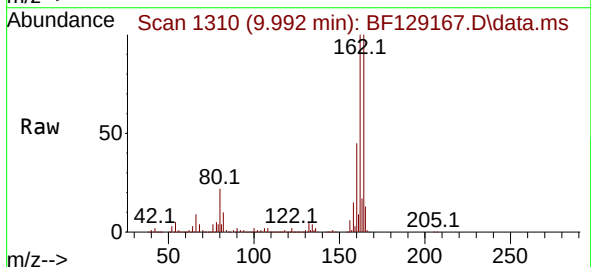
Ion Ratio Lower Upper

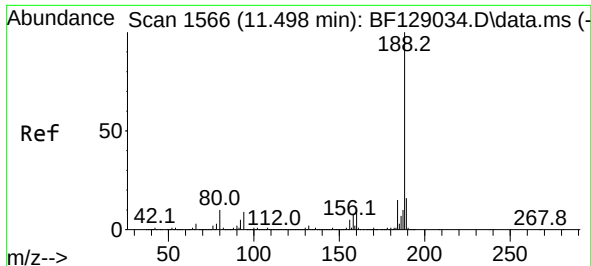
165 100

63 1.2 39.8 59.6#

89 1.4 60.2 90.2#

182 0.0 2.2 3.2#

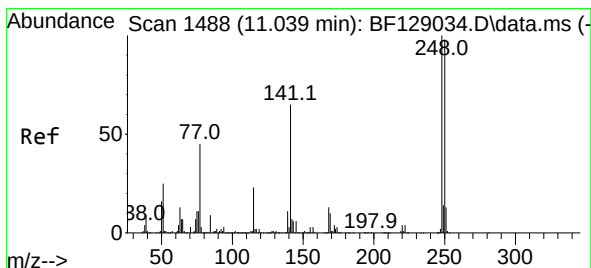
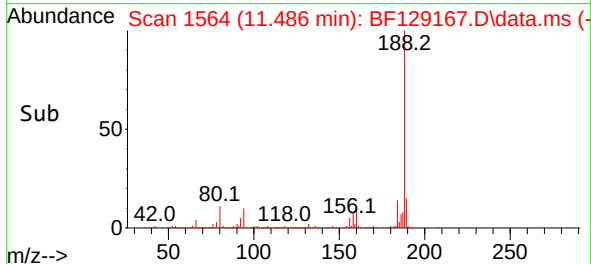
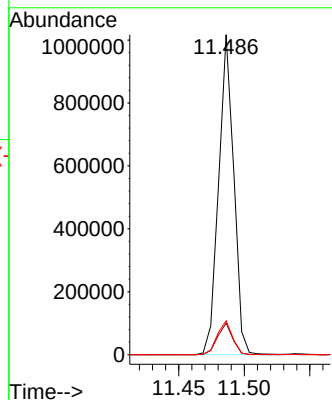
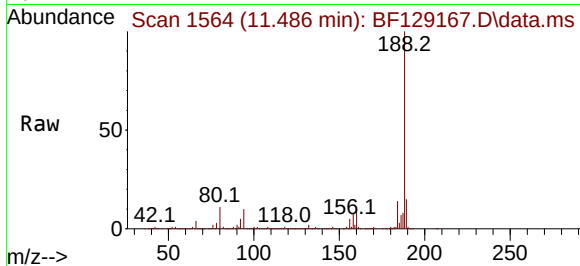




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129167.D
Acq: 07 Jul 2022 19:32

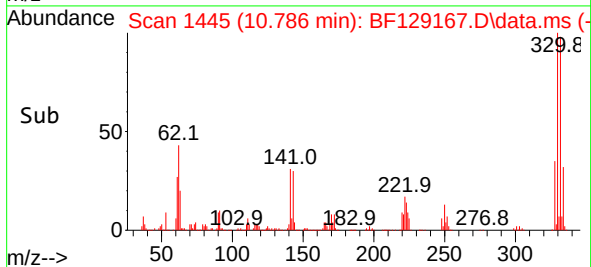
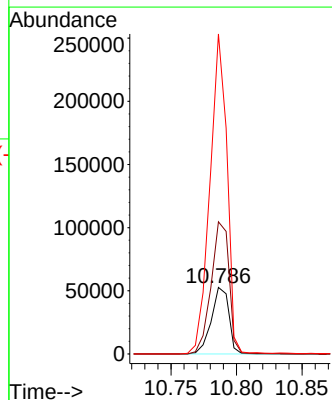
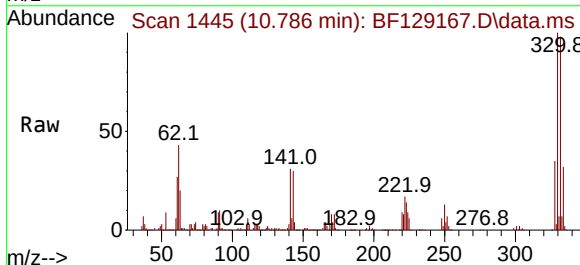
Instrument :
BNA_F
ClientSampleId :
MW-01

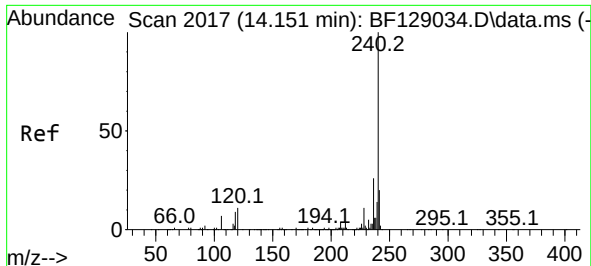
Tgt Ion:188 Resp: 815911
Ion Ratio Lower Upper
188 100
94 9.8 7.0 10.6
80 10.6 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 5.649 ng
RT: 10.786 min Scan# 1445
Delta R.T. -0.253 min
Lab File: BF129167.D
Acq: 07 Jul 2022 19:32

Tgt Ion:248 Resp: 49026
Ion Ratio Lower Upper
248 100
250 198.7 80.6 120.8#
141 480.8 58.9 88.3#

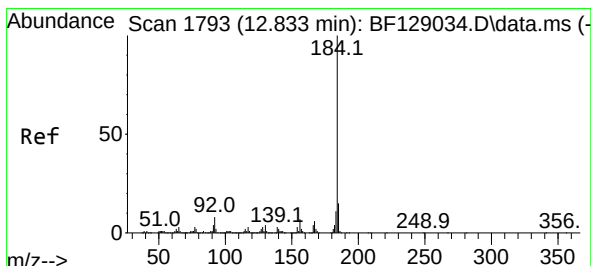
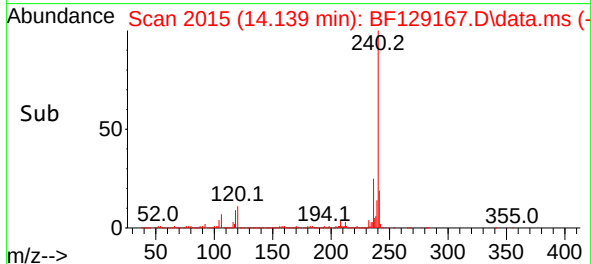
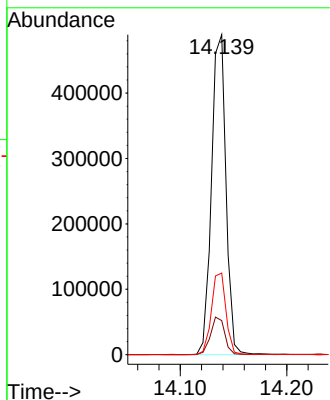
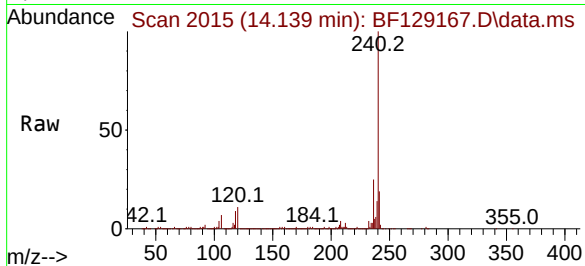




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF129167.D
Acq: 07 Jul 2022 19:32

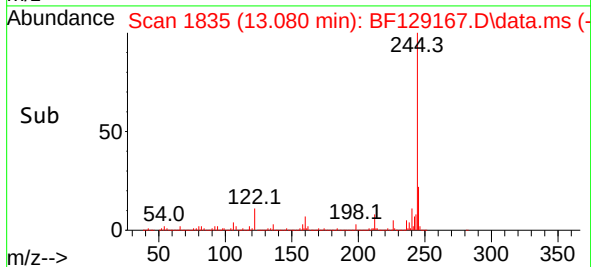
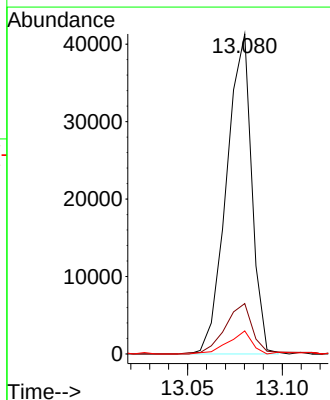
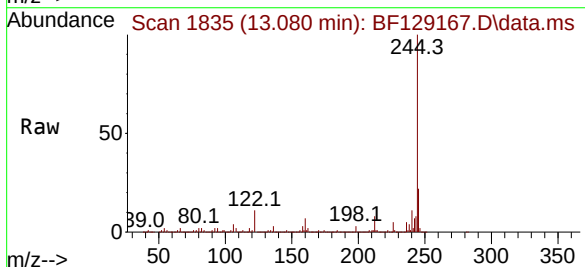
Instrument :
BNA_F
ClientSampleId :
MW-01

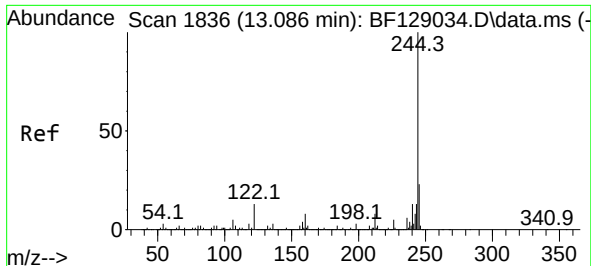
Tgt Ion:240 Resp: 461391
Ion Ratio Lower Upper
240 100
120 10.6 8.9 13.3
236 25.5 20.8 31.2



#77
Benzidine
Concen: 4.642 ng
RT: 13.080 min Scan# 1835
Delta R.T. 0.247 min
Lab File: BF129167.D
Acq: 07 Jul 2022 19:32

Tgt Ion:184 Resp: 38134
Ion Ratio Lower Upper
184 100
185 15.8 11.9 17.9
183 7.2 9.3 13.9#

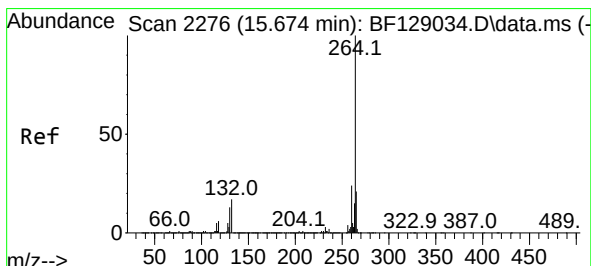
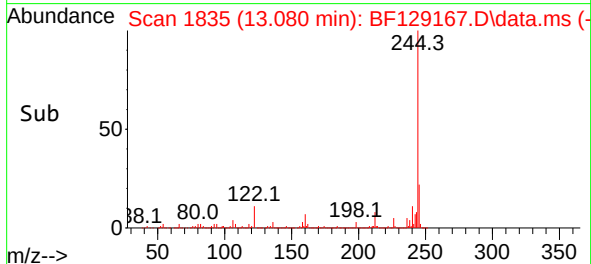
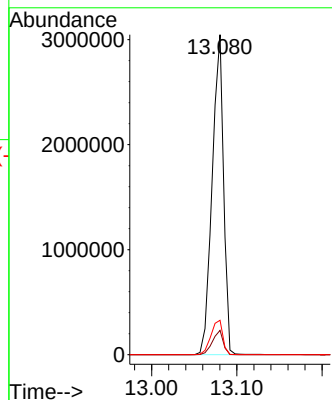
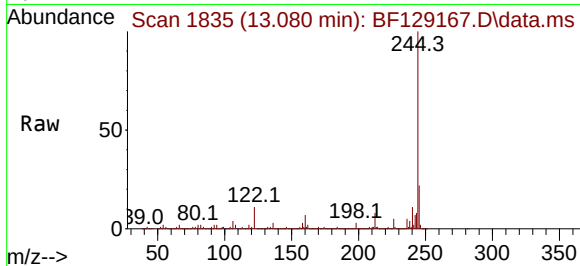




#79
 Terphenyl-d14
 Concen: 127.489 ng
 RT: 13.080 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF129167.D
 Acq: 07 Jul 2022 19:32

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Tgt Ion:244 Resp: 2832577
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 10.7 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.656 min Scan# 2273
 Delta R.T. -0.018 min
 Lab File: BF129167.D
 Acq: 07 Jul 2022 19:32

Tgt Ion:264 Resp: 510542
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.4 27.6
 265 21.0 17.2 25.8

