

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062922\
 Data File : BF129039.D
 Acq On : 29 Jun 2022 16:58
 Operator : CG\JU
 Sample : PB145630BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145630BL

Quant Time: Jun 29 19:59:48 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)

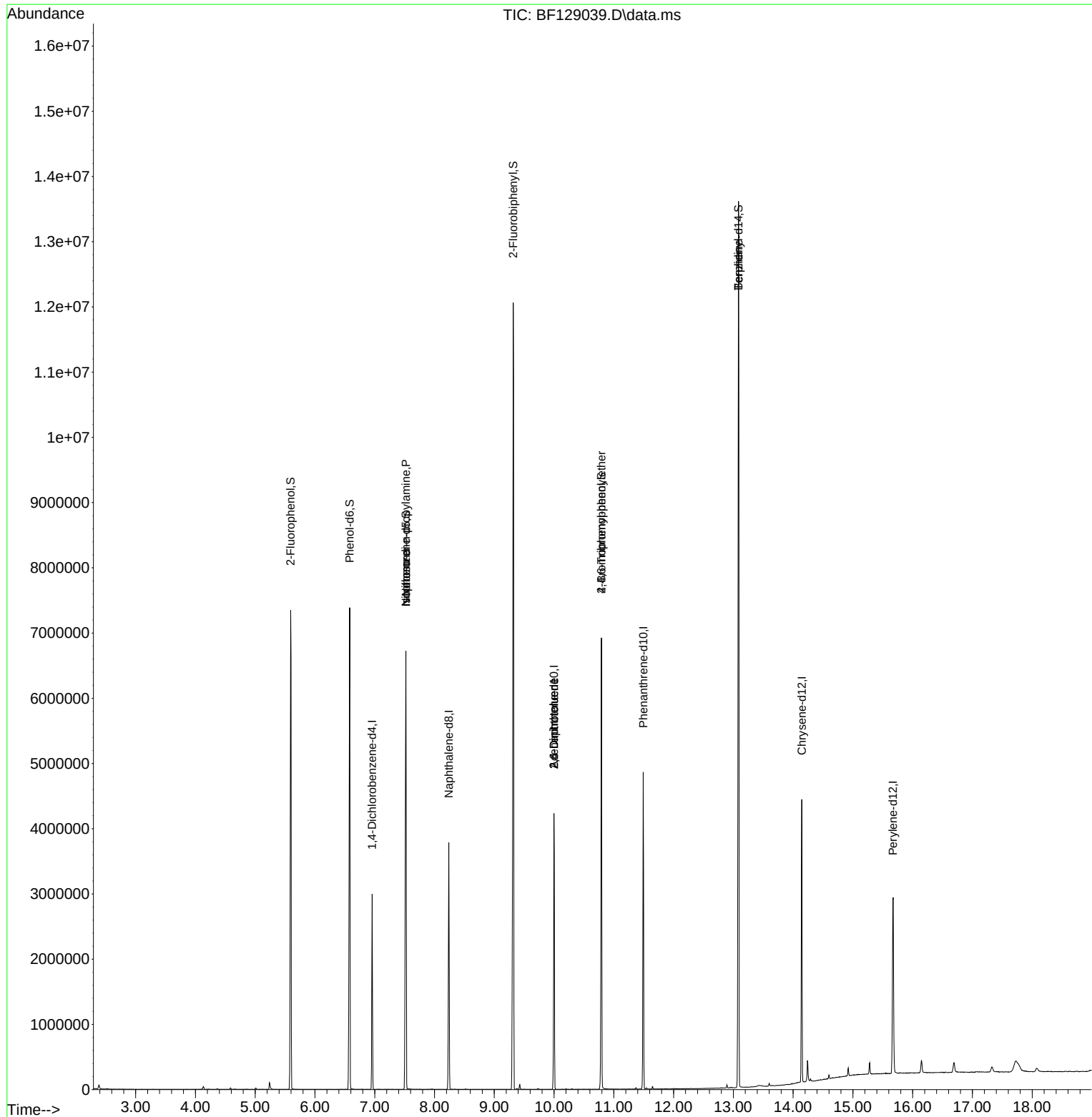
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	411706	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	1670002	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	894485	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	1633765	20.000	ng	# 0.00
76) Chrysene-d12	14.145	240	1391393	20.000	ng	0.00
86) Perylene-d12	15.669	264	1240342	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	2214712	90.945	ng	0.00
7) Phenol-d6	6.581	99	2647796	87.546	ng	0.00
23) Nitrobenzene-d5	7.522	82	2402788	85.819	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	826650	84.992	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	4260455	76.198	ng	0.00
79) Terphenyl-d14	13.086	244	4978859	74.309	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.510	77	280	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.522	70	324658	18.556	ng	# 71
25) Isophorone	7.522	82	2358507	49.843	ng	# 65
51) 2,6-Dinitrotoluene	9.998	165	116021	10.146	ng	# 25
57) 2,4-Dinitrotoluene	9.998	165	116021	8.219	ng	# 21
67) 4-Bromophenyl-phenylether	10.792	248	51431	2.959	ng	# 1
77) Benizidine	13.086	184	76240	3.077	ng	# 90

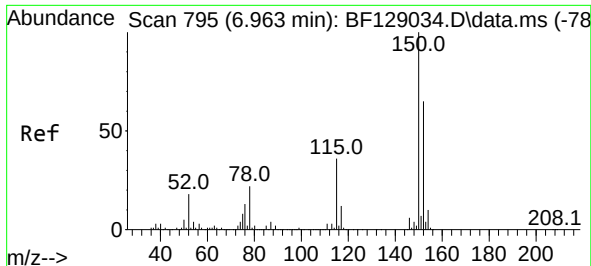
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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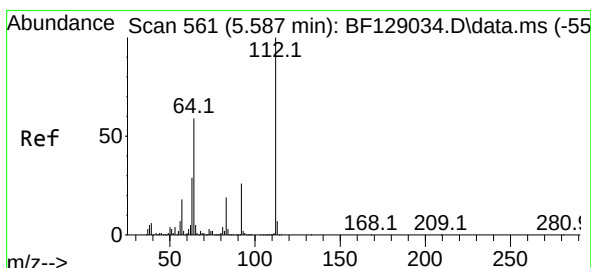
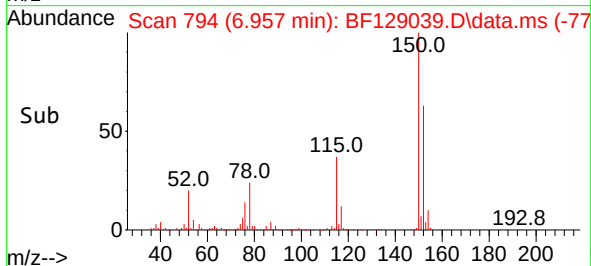
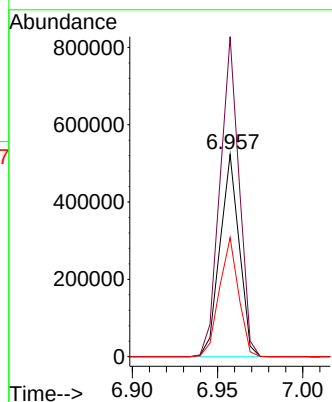
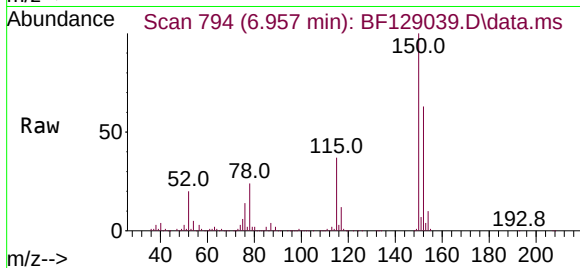




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129039.D
Acq: 29 Jun 2022 16:58

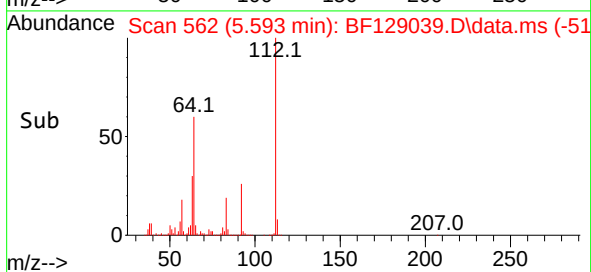
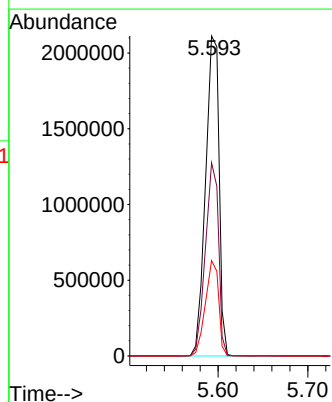
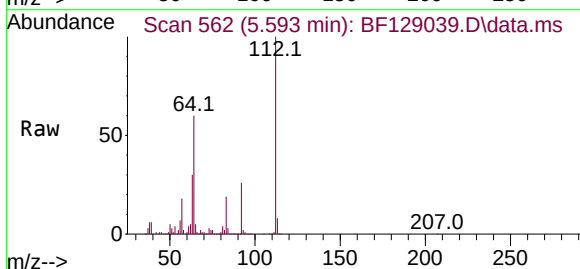
Instrument :
BNA_F
ClientSampleId :
PB145630BL

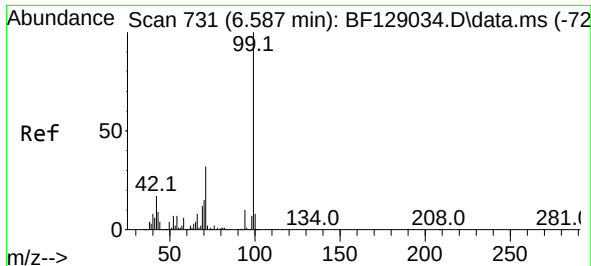
Tgt Ion:152 Resp: 411706
Ion Ratio Lower Upper
152 100
150 158.2 123.7 185.5
115 58.9 49.9 74.9



#5
2-Fluorophenol
Concen: 90.945 ng
RT: 5.593 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF129039.D
Acq: 29 Jun 2022 16:58

Tgt Ion:112 Resp: 2214712
Ion Ratio Lower Upper
112 100
64 60.4 53.3 79.9
63 29.8 28.0 42.0

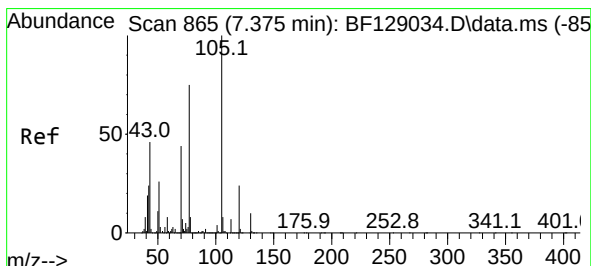
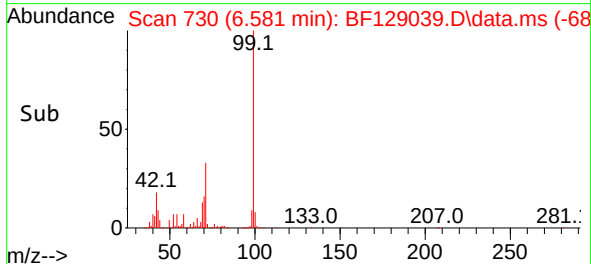
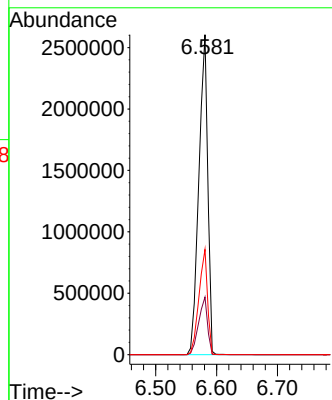
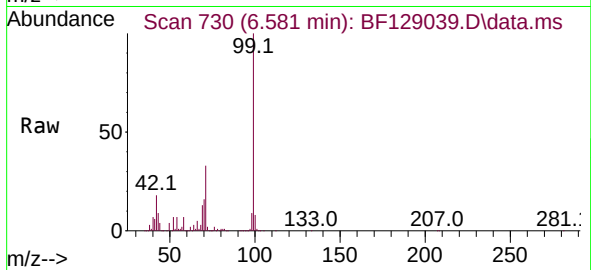




#7
Phenol-d6
Concen: 87.546 ng
RT: 6.581 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129039.D
Acq: 29 Jun 2022 16:58

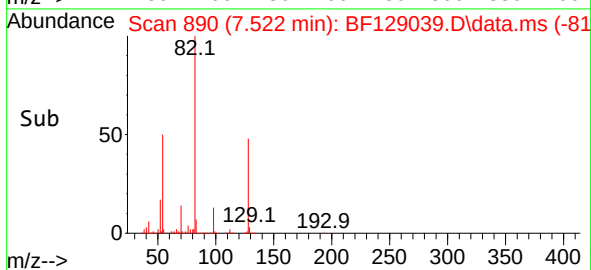
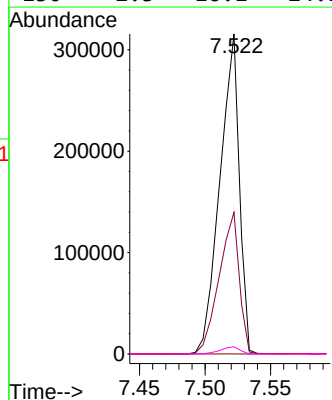
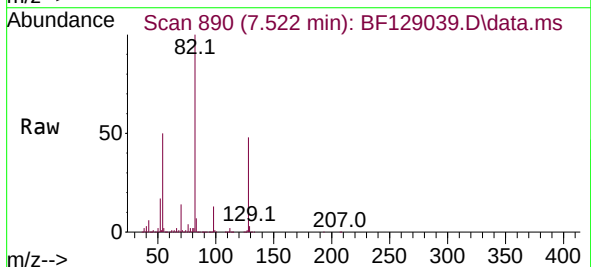
Instrument :
BNA_F
ClientSampleId :
PB145630BL

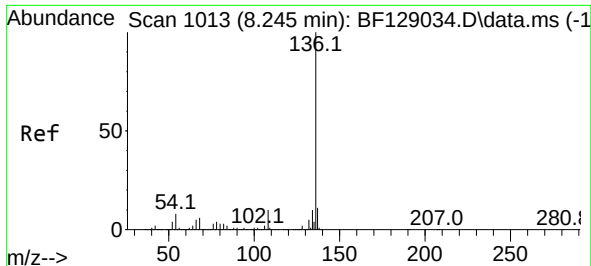
Tgt Ion: 99 Resp: 2647796
Ion Ratio Lower Upper
99 100
42 18.0 17.3 25.9
71 32.9 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.556 ng
RT: 7.522 min Scan# 890
Delta R.T. 0.147 min
Lab File: BF129039.D
Acq: 29 Jun 2022 16:58

Tgt Ion: 70 Resp: 324658
Ion Ratio Lower Upper
70 100
42 44.2 52.3 78.5#
101 0.0 7.5 11.3#
130 2.3 16.1 24.1#

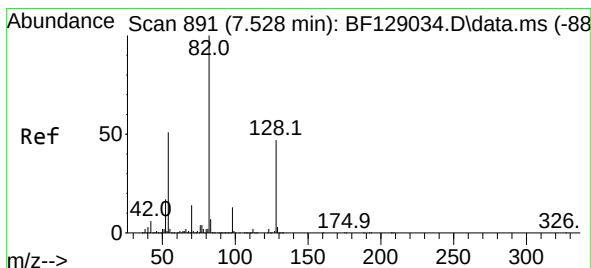
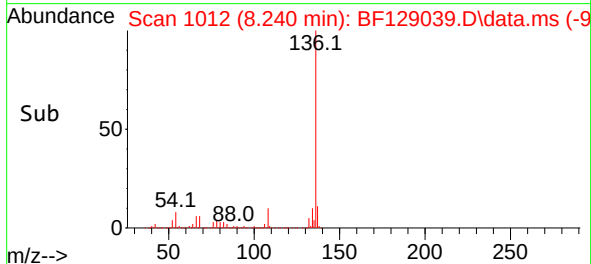
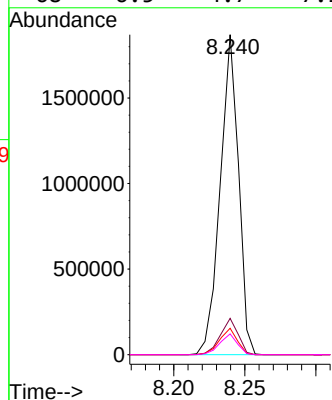
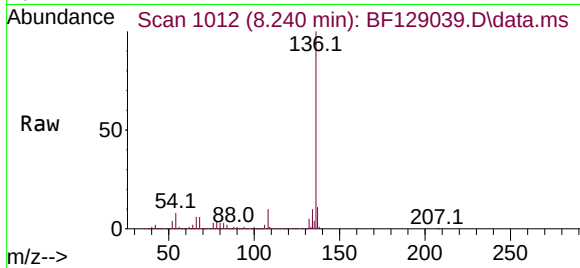




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.240 min Scan# 1013
Delta R.T. -0.005 min
Lab File: BF129039.D
Acq: 29 Jun 2022 16:58

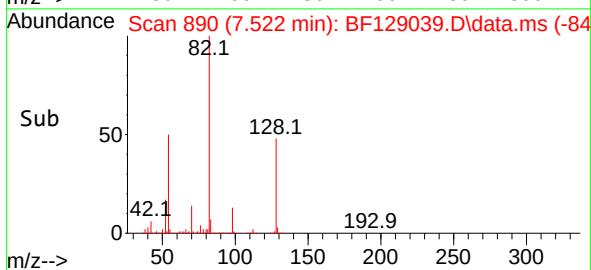
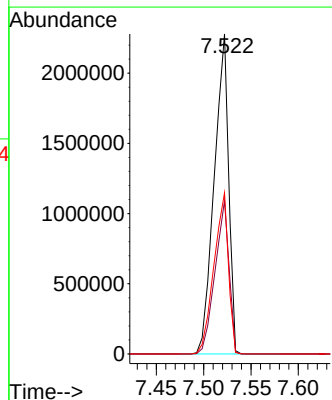
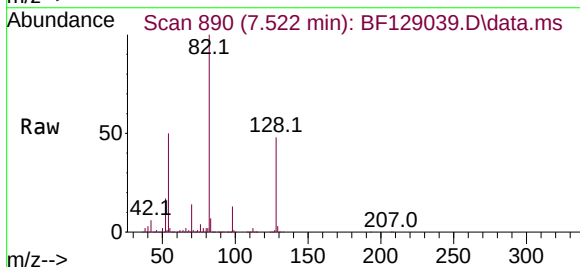
Instrument :
BNA_F
ClientSampleId :
PB145630BL

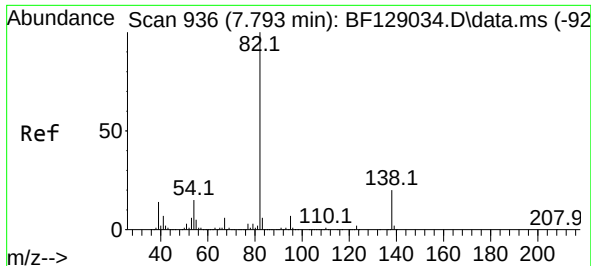
Tgt Ion:136 Resp: 1670002
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 8.2 7.5 11.3
68 6.5 4.7 7.1



#23
Nitrobenzene-d5
Concen: 85.819 ng
RT: 7.522 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF129039.D
Acq: 29 Jun 2022 16:58

Tgt Ion: 82 Resp: 2402788
Ion Ratio Lower Upper
82 100
128 47.9 34.0 51.0
54 50.3 46.9 70.3

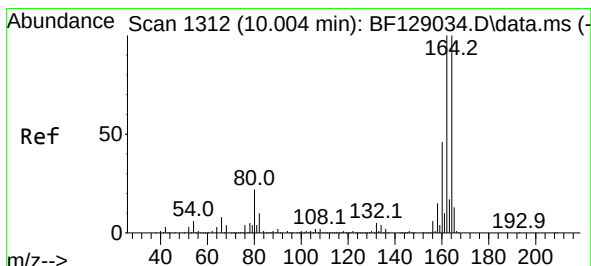
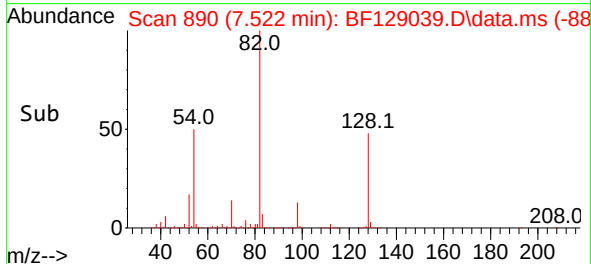
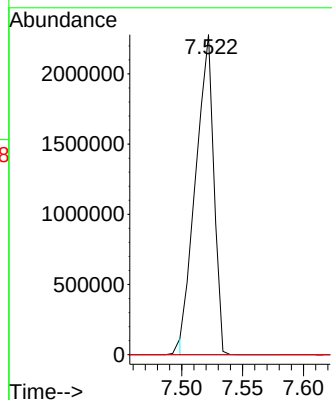
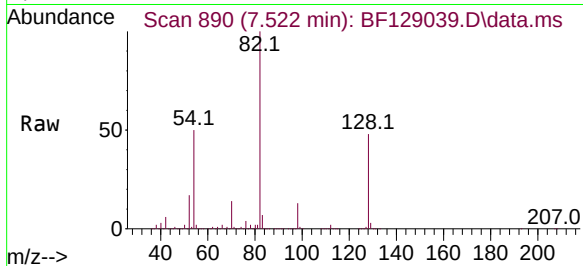




#25
Isophorone
Concen: 49.843 ng
RT: 7.522 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF129039.D
Acq: 29 Jun 2022 16:58

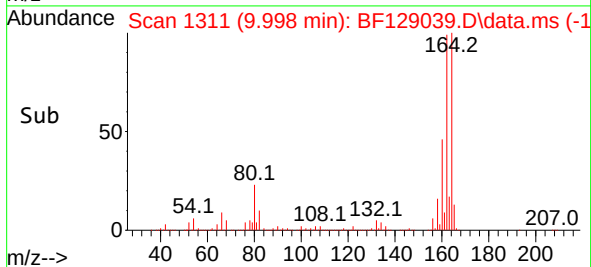
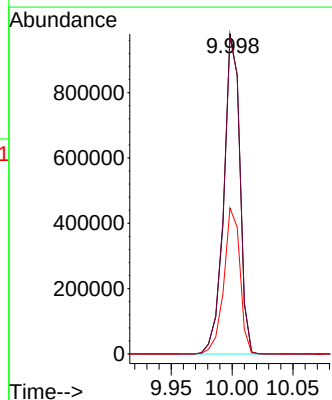
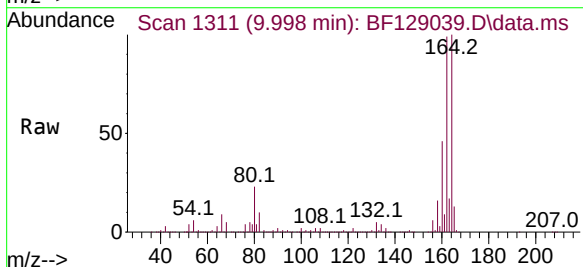
Instrument :
BNA_F
ClientSampleId :
PB145630BL

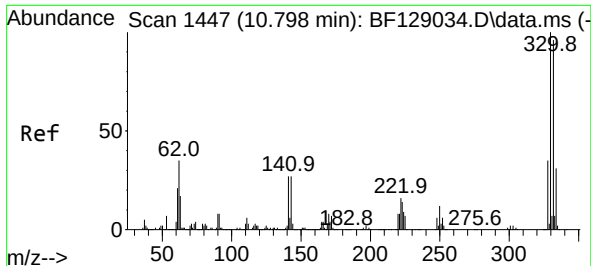
Tgt Ion: 82 Resp: 2358507
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF129039.D
Acq: 29 Jun 2022 16:58

Tgt Ion:164 Resp: 894485
Ion Ratio Lower Upper
164 100
162 99.0 79.5 119.3
160 45.6 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 84.992 ng

RT: 10.792 min Scan# 1446

Delta R.T. -0.006 min

Lab File: BF129039.D

Acq: 29 Jun 2022 16:58

Instrument :

BNA_F

ClientSampleId :

PB145630BL

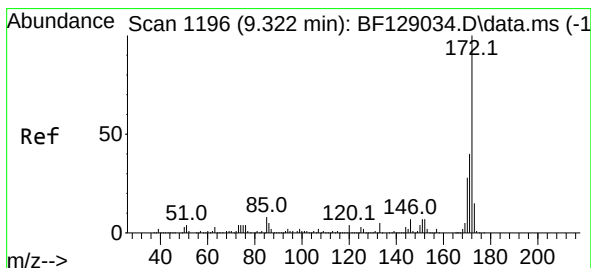
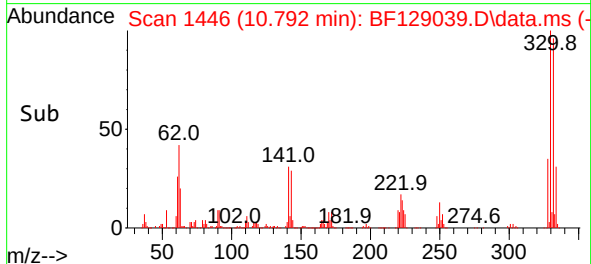
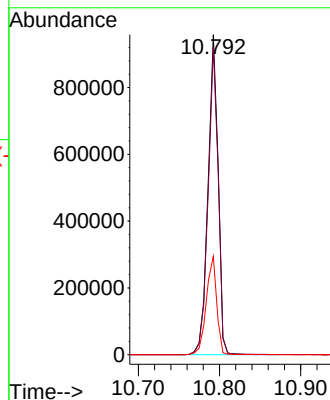
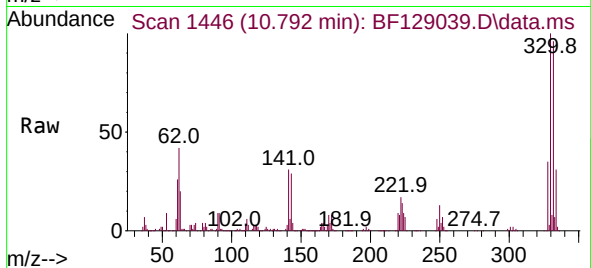
Tgt Ion:330 Resp: 826650

Ion Ratio Lower Upper

330 100

332 95.8 76.8 115.2

141 31.8 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 76.198 ng

RT: 9.316 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF129039.D

Acq: 29 Jun 2022 16:58

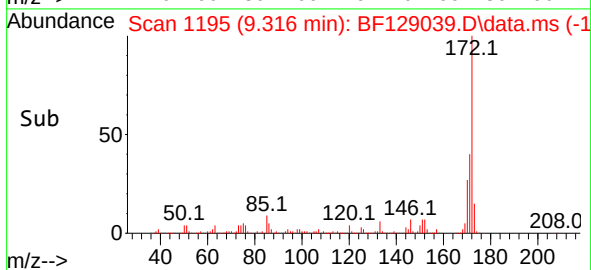
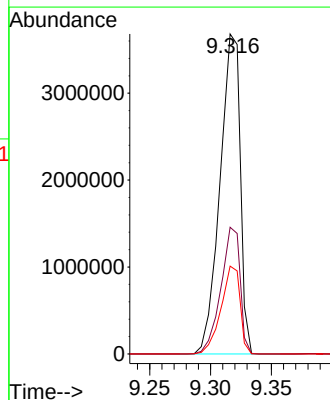
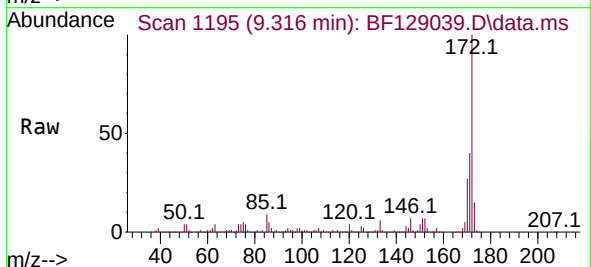
Tgt Ion:172 Resp: 4260455

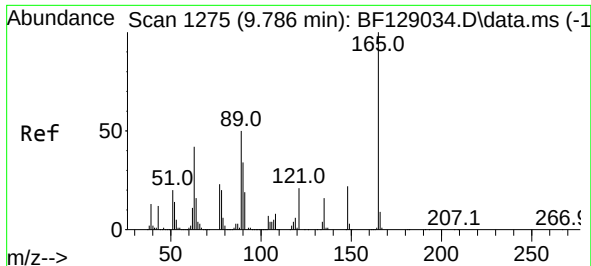
Ion Ratio Lower Upper

172 100

171 39.6 28.8 43.2

170 27.5 19.8 29.8

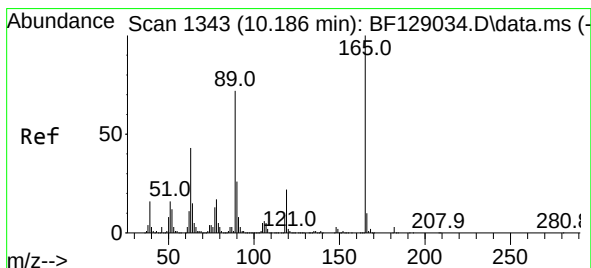
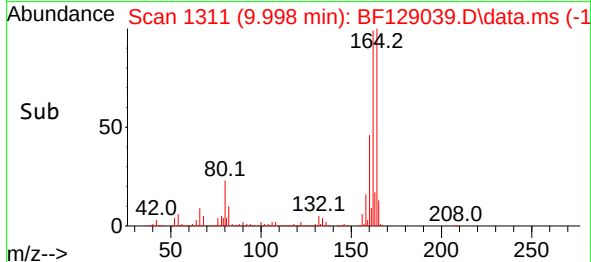
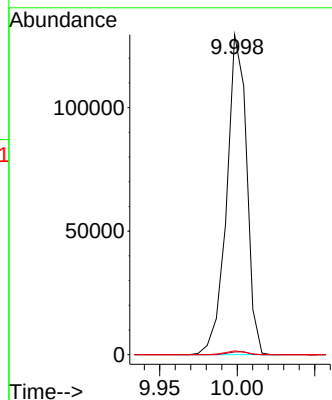
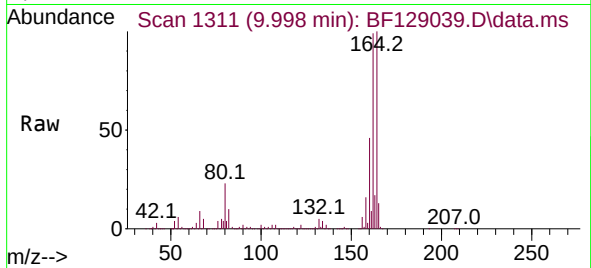




#51
2,6-Dinitrotoluene
Concen: 10.146 ng
RT: 9.998 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF129039.D
Acq: 29 Jun 2022 16:58

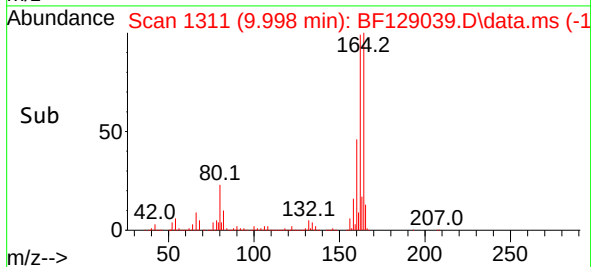
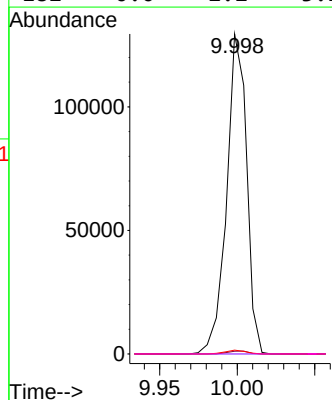
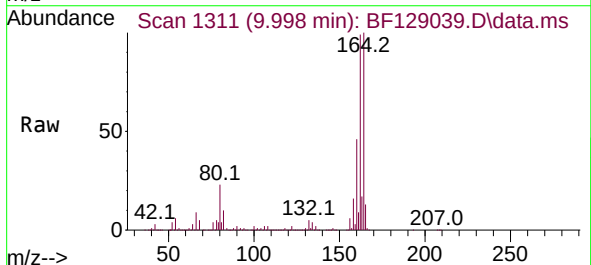
Instrument :
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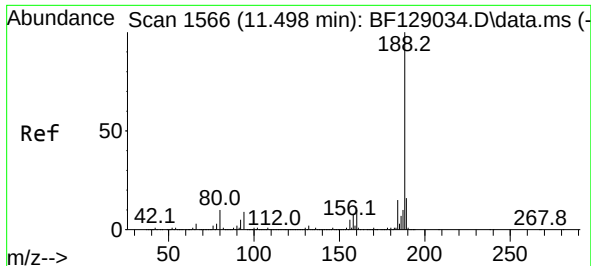
Tgt Ion:165 Resp: 116021
Ion Ratio Lower Upper
165 100
63 0.9 44.9 67.3#
89 1.2 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 8.219 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.188 min
Lab File: BF129039.D
Acq: 29 Jun 2022 16:58

Tgt Ion:165 Resp: 116021
Ion Ratio Lower Upper
165 100
63 0.9 39.8 59.6#
89 1.2 60.2 90.2#
182 0.0 2.2 3.2#

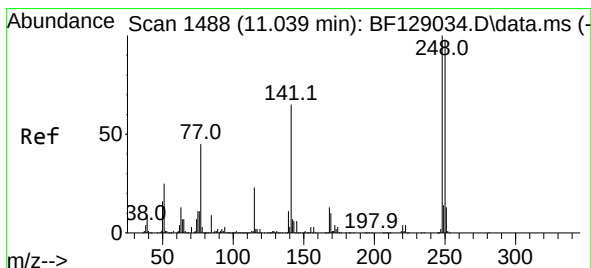
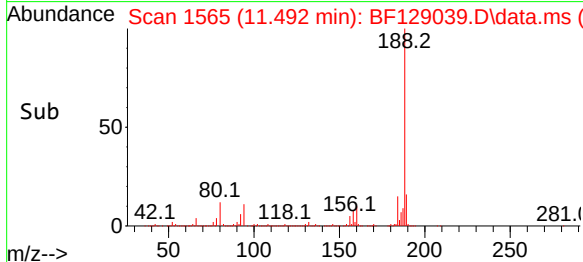
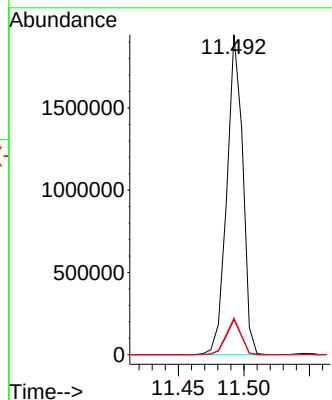
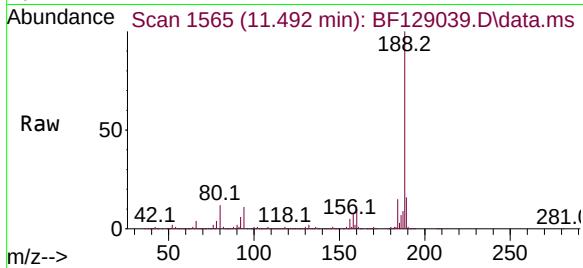




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129039.D
Acq: 29 Jun 2022 16:58

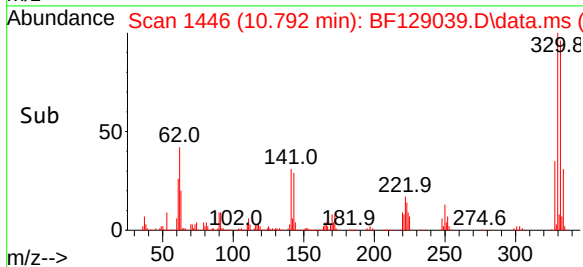
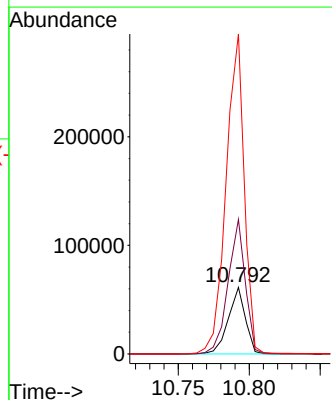
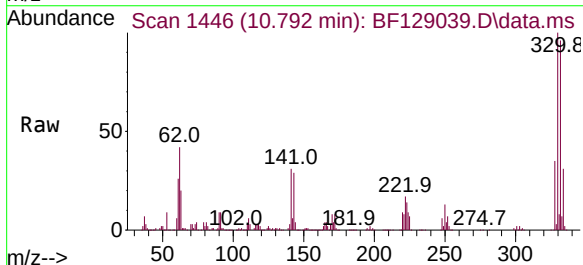
Instrument :
BNA_F
ClientSampleId :
PB145630BL

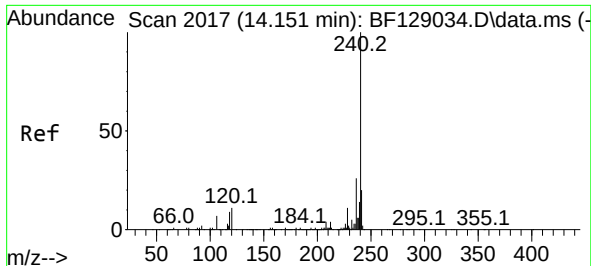
Tgt Ion:188 Resp: 1633765
Ion Ratio Lower Upper
188 100
94 10.9 7.0 10.6#
80 11.5 7.6 11.4#



#67
4-Bromophenyl-phenylether
Concen: 2.959 ng
RT: 10.792 min Scan# 1446
Delta R.T. -0.247 min
Lab File: BF129039.D
Acq: 29 Jun 2022 16:58

Tgt Ion:248 Resp: 51431
Ion Ratio Lower Upper
248 100
250 202.0 80.6 120.8#
141 480.2 58.9 88.3#

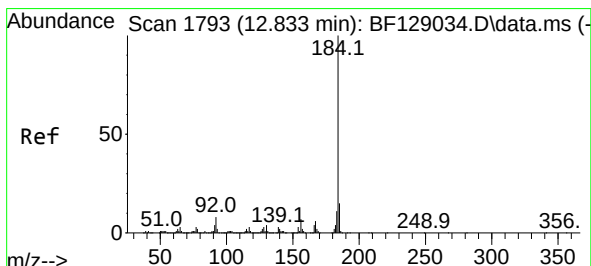
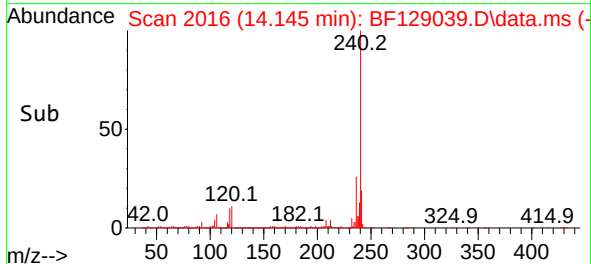
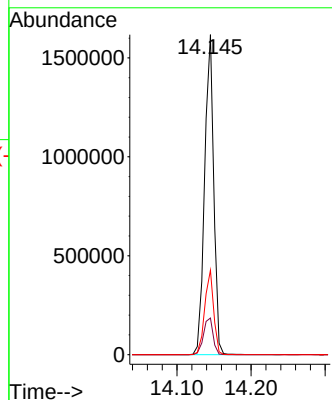
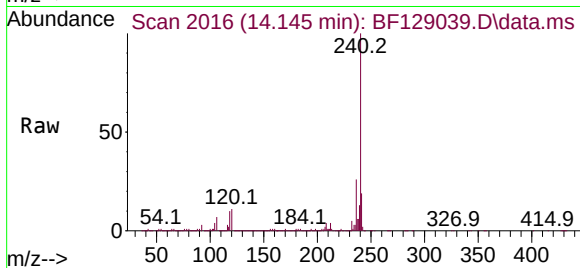




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF129039.D
Acq: 29 Jun 2022 16:58

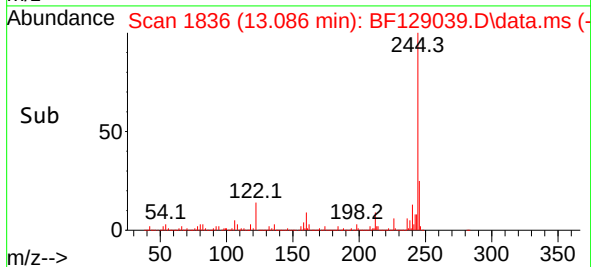
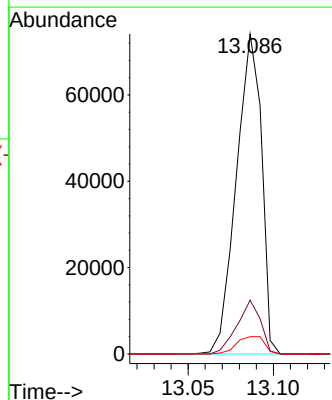
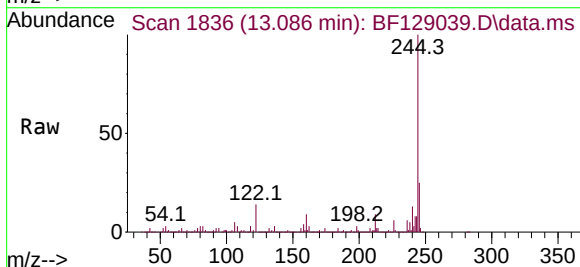
Instrument :
BNA_F
ClientSampleId :
PB145630BL

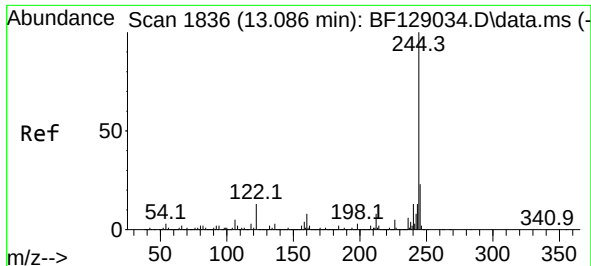
Tgt Ion:240 Resp: 1391393
Ion Ratio Lower Upper
240 100
120 11.4 8.9 13.3
236 26.4 20.8 31.2



#77
Benzidine
Concen: 3.077 ng
RT: 13.086 min Scan# 1836
Delta R.T. 0.253 min
Lab File: BF129039.D
Acq: 29 Jun 2022 16:58

Tgt Ion:184 Resp: 76240
Ion Ratio Lower Upper
184 100
185 16.8 11.9 17.9
183 5.4 9.3 13.9#

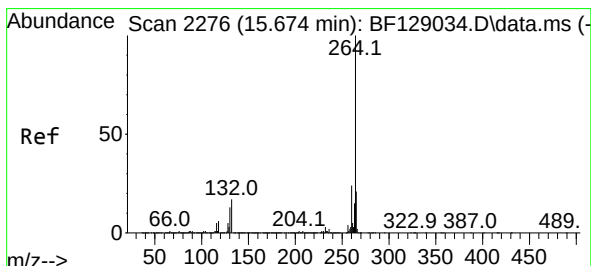
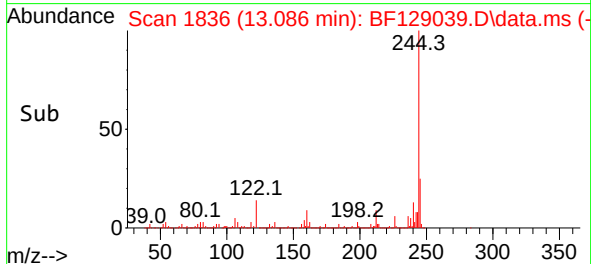
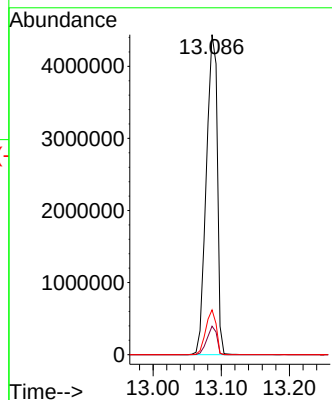
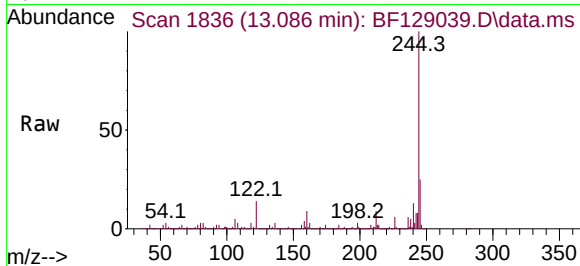




#79
 Terphenyl-d14
 Concen: 74.309 ng
 RT: 13.086 min Scan# 1836
 Delta R.T. 0.000 min
 Lab File: BF129039.D
 Acq: 29 Jun 2022 16:58

Instrument :
 BNA_F
 ClientSampleId :
 PB145630BL

Tgt Ion:244 Resp: 4978859
 Ion Ratio Lower Upper
 244 100
 212 8.9 6.1 9.1
 122 14.0 8.8 13.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.669 min Scan# 2275
 Delta R.T. -0.006 min
 Lab File: BF129039.D
 Acq: 29 Jun 2022 16:58

Tgt Ion:264 Resp: 1240342
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.4 27.6
 265 21.9 17.2 25.8

