

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082922\
 Data File : BF130042.D
 Acq On : 29 Aug 2022 19:24
 Operator : CG\JU
 Sample : N4376-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-29

Quant Time: Aug 30 01:30:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 30 01:22:56 2022
 Response via : Initial Calibration

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

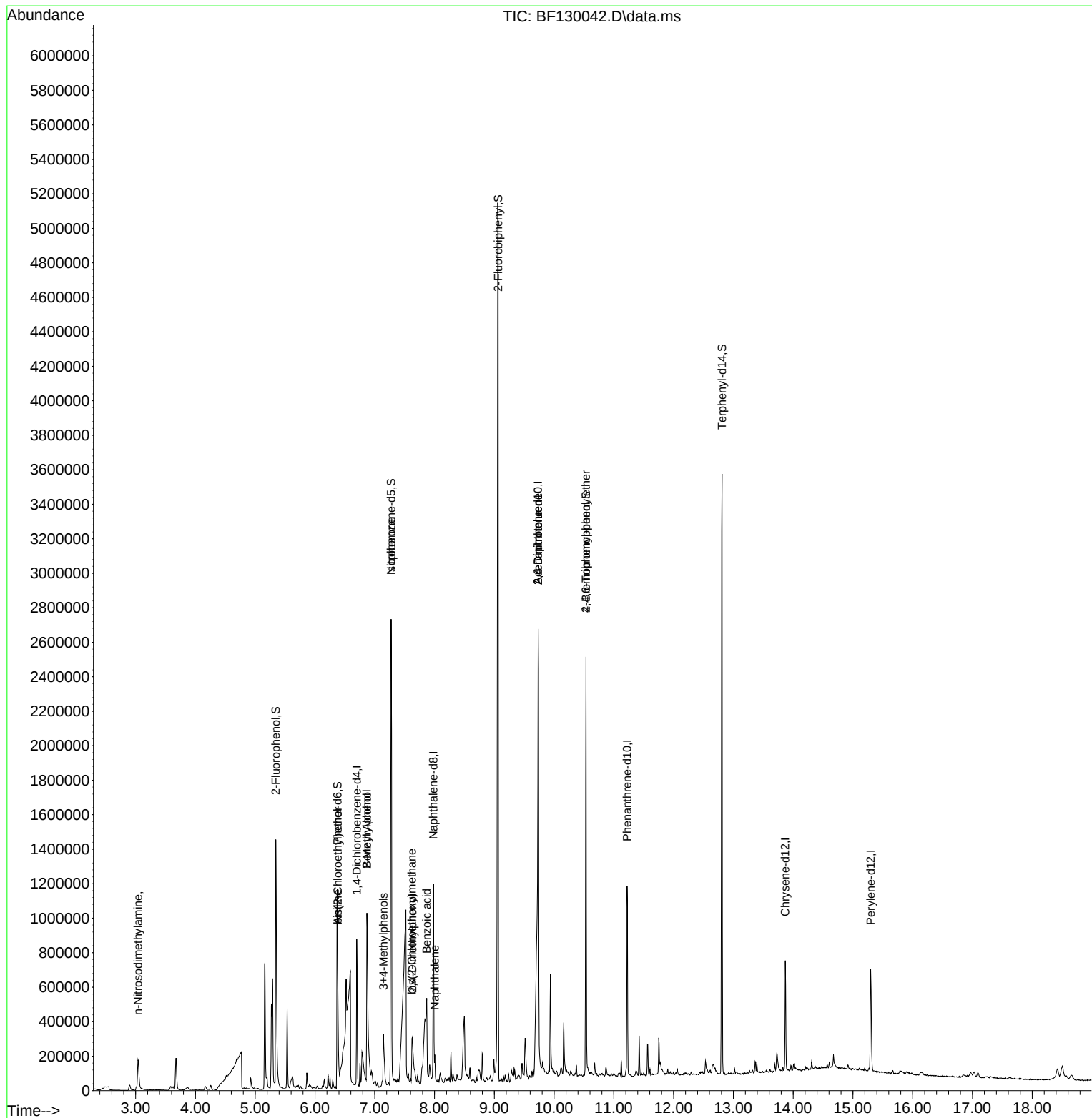
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.698	152	120635	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	477565	20.000	ng	0.00
39) Acenaphthene-d10	9.733	164	366969	20.000	ng	0.00
64) Phenanthrene-d10	11.222	188	392879	20.000	ng	0.00
76) Chrysene-d12	13.868	240	205765	20.000	ng	0.00
86) Perylene-d12	15.298	264	256122	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	423022	58.059	ng	0.01
7) Phenol-d6	6.375	99	456301	50.010	ng	0.00
23) Nitrobenzene-d5	7.275	82	933923	104.687	ng	0.00
42) 2,4,6-Tribromophenol	10.533	330	269335	73.128	ng	0.00
45) 2-Fluorobiphenyl	9.063	172	1688878	69.899	ng	0.00
79) Terphenyl-d14	12.810	244	1179175	95.355	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.040	42	16085	4.437	ng	# 1
6) Aniline	6.381	93	36256	3.486	ng	# 92
9) Benzaldehyde	6.251	77	2150	Below Cal		# 1
11) bis(2-Chloroethyl)ether	6.381	93	36256	4.770	ng	# 34
15) Benzyl Alcohol	6.869	79	298150	43.285	ng	# 99
17) 2-Methylphenol	6.869	107	155271	23.841	ng	# 21
20) 3+4-Methylphenols	7.145	107	75653	8.654	ng	# 85
25) Isophorone	7.275	82	932609	60.738	ng	# 65
27) 2,4-Dimethylphenol	7.628	122	65727	10.358	ng	# 79
28) bis(2-Chloroethoxy)met...	7.622	93	36787	4.103	ng	# 56
31) Naphthalene	8.004	128	65639	2.629	ng	# 100
32) Benzoic acid	7.869	122	225270	69.037	ng	# 93
51) 2,6-Dinitrotoluene	9.733	165	44262	7.756	ng	# 56
57) 2,4-Dinitrotoluene	9.733	165	44262	5.975	ng	# 48
67) 4-Bromophenyl-phenylether	10.533	248	16925	3.678	ng	# 1
77) Benzidine	12.563	184	635	Below Cal		# 1

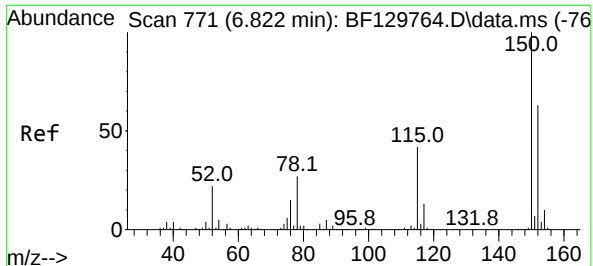
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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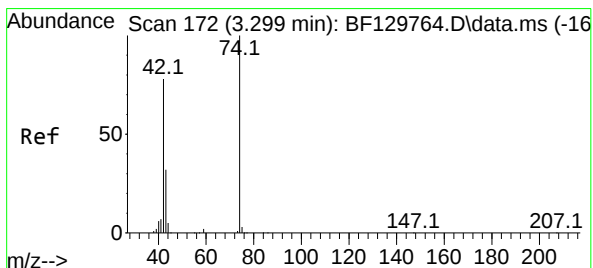
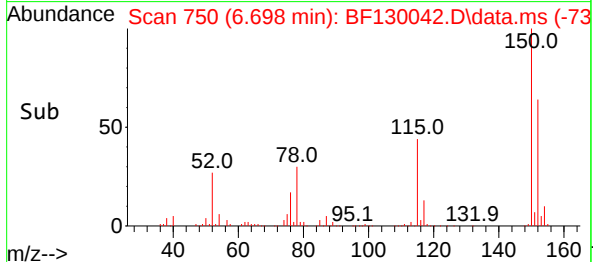
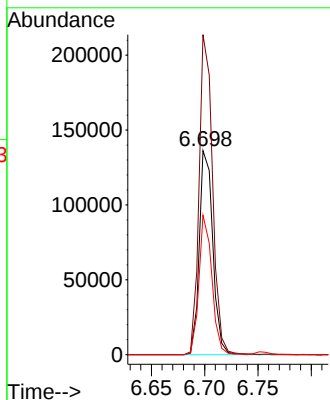
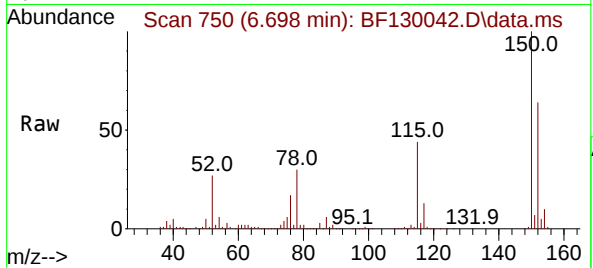




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.698 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130042.D
Acq: 29 Aug 2022 19:24

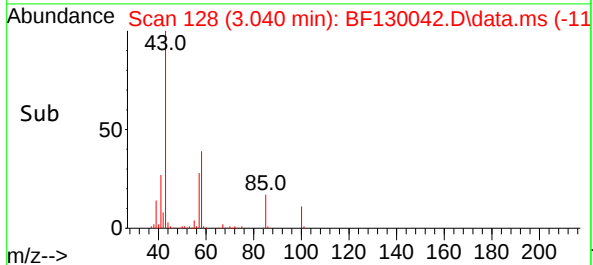
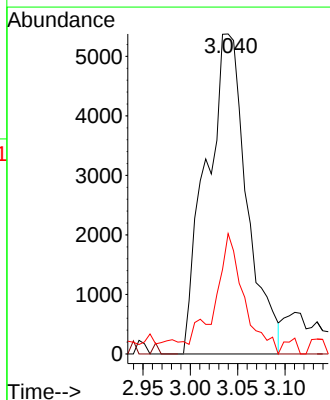
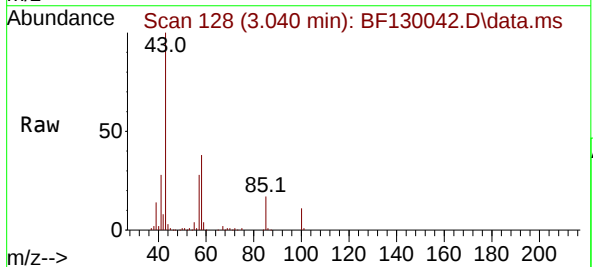
Instrument :
BNA_F
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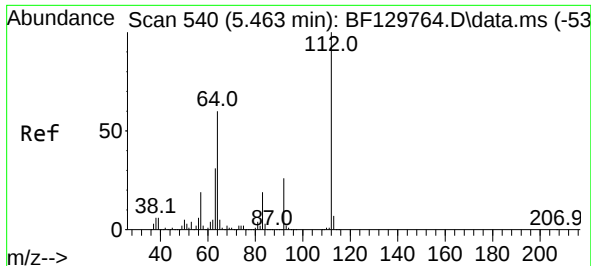
Tgt Ion:152 Resp: 120635
Ion Ratio Lower Upper
152 100
150 156.8 126.9 190.3
115 68.3 53.4 80.0



#4
n-Nitrosodimethylamine
Concen: 4.437 ng
RT: 3.040 min Scan# 128
Delta R.T. 0.006 min
Lab File: BF130042.D
Acq: 29 Aug 2022 19:24

Tgt Ion: 42 Resp: 16085
Ion Ratio Lower Upper
42 100
74 0.0 103.1 154.7#
44 37.6 5.4 8.2#

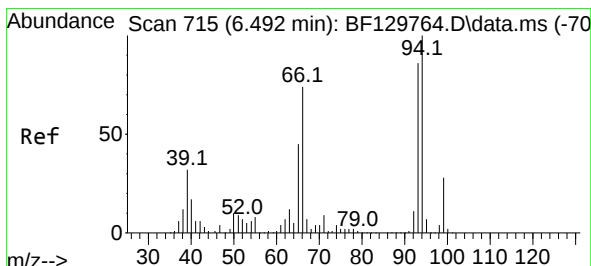
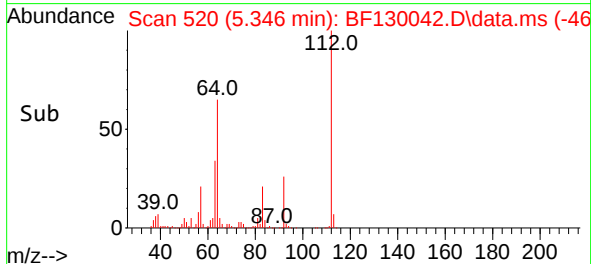
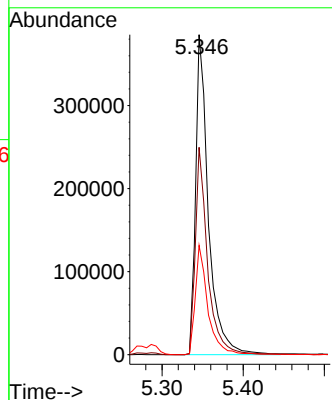
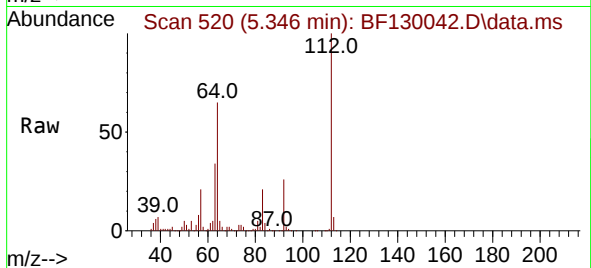




#5
2-Fluorophenol
Concen: 58.059 ng
RT: 5.346 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF130042.D
Acq: 29 Aug 2022 19:24

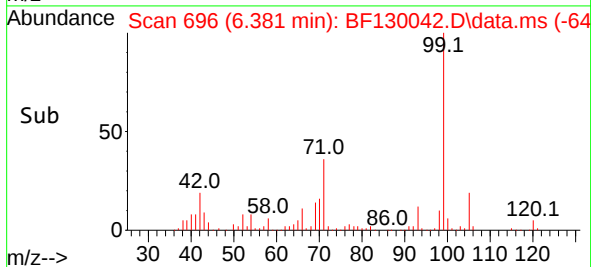
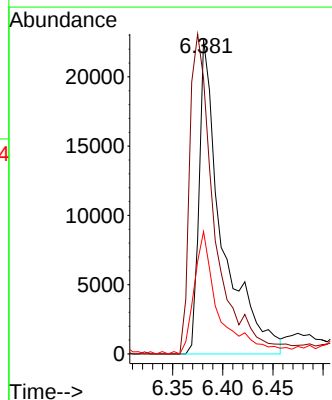
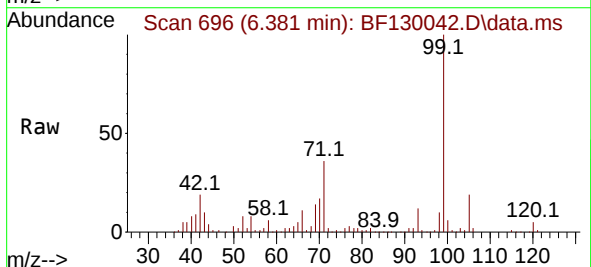
Instrument :
BNA_F
ClientSampleId :
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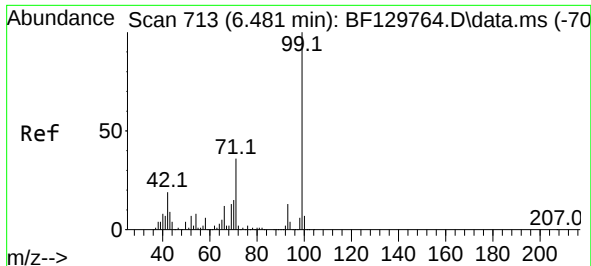
Tgt Ion:112 Resp: 423022
Ion Ratio Lower Upper
112 100
64 64.8 47.6 71.4
63 34.2 24.6 37.0



#6
Aniline
Concen: 3.486 ng
RT: 6.381 min Scan# 696
Delta R.T. 0.006 min
Lab File: BF130042.D
Acq: 29 Aug 2022 19:24

Tgt Ion: 93 Resp: 36256
Ion Ratio Lower Upper
93 100
66 87.7 68.7 103.1
65 38.9 41.6 62.4

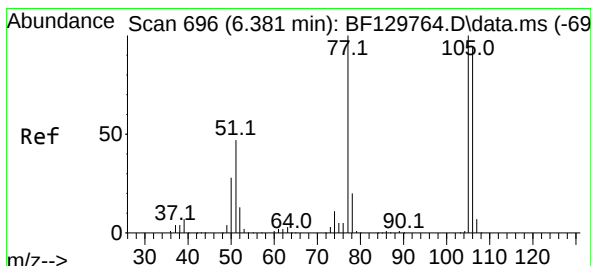
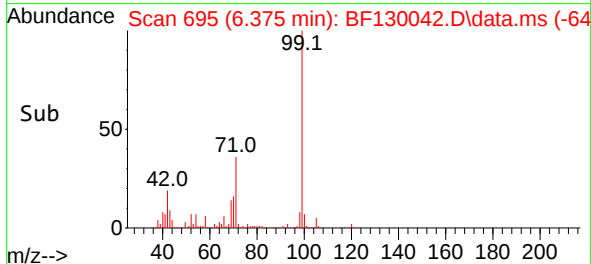
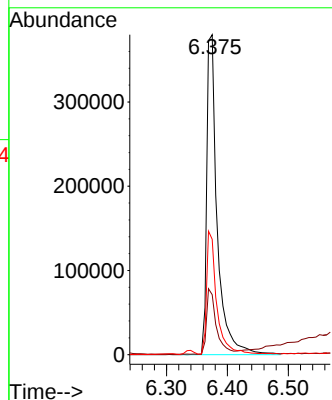
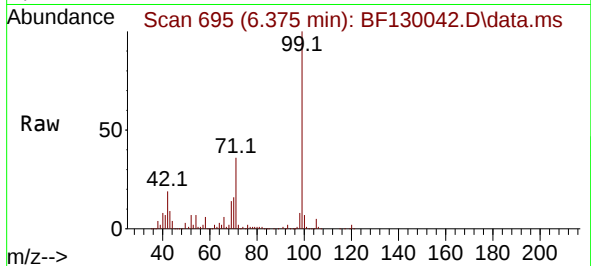




#7
Phenol-d6
Concen: 50.010 ng
RT: 6.375 min Scan# 61
Delta R.T. 0.006 min
Lab File: BF130042.D
Acq: 29 Aug 2022 19:24

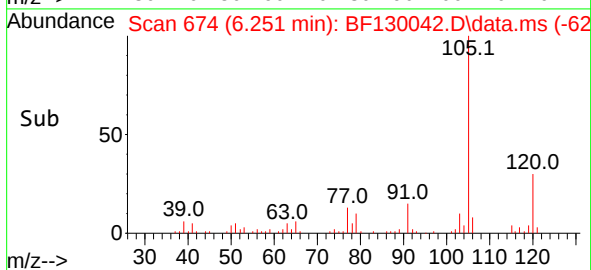
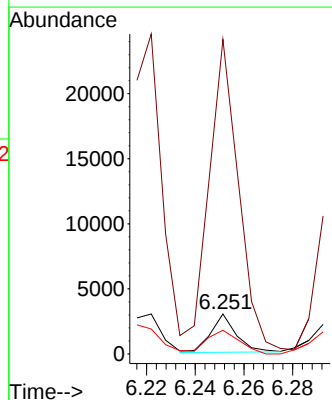
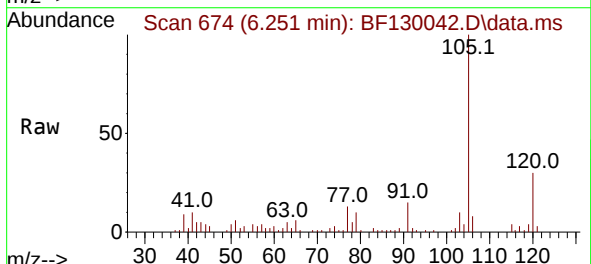
Instrument :
BNA_F
ClientSampleId :
MW-29

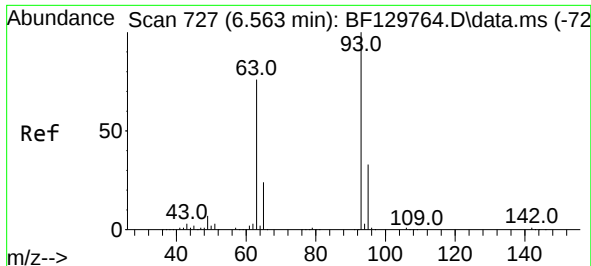
Tgt Ion: 99 Resp: 456301
Ion Ratio Lower Upper
99 100
42 18.8 15.0 22.4
71 36.0 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.251 min Scan# 674
Delta R.T. -0.012 min
Lab File: BF130042.D
Acq: 29 Aug 2022 19:24

Tgt Ion: 77 Resp: 2150
Ion Ratio Lower Upper
77 100
105 785.4 80.3 120.3#
106 59.1 74.3 114.3#

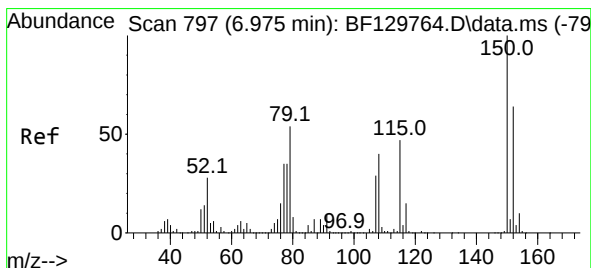
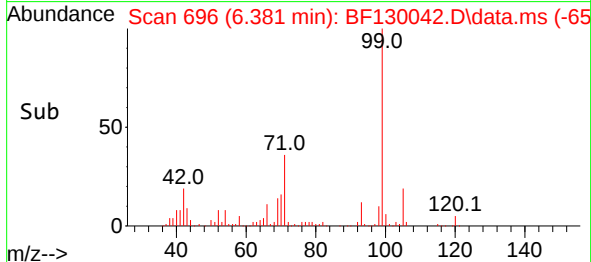
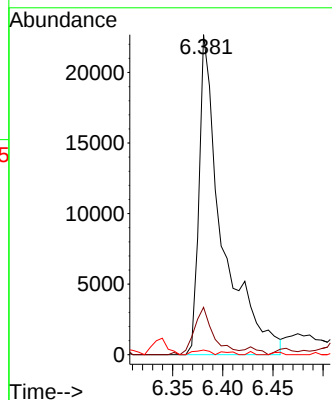
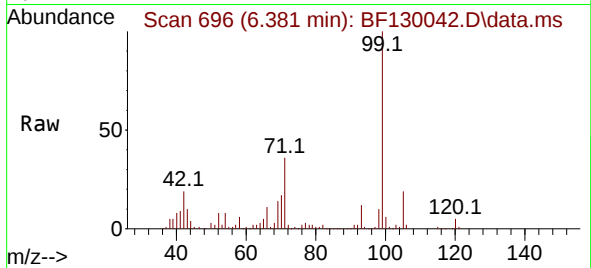




#11
bis(2-Chloroethyl)ether
Concen: 4.770 ng
RT: 6.381 min Scan# 61
Delta R.T. -0.065 min
Lab File: BF130042.D
Acq: 29 Aug 2022 19:24

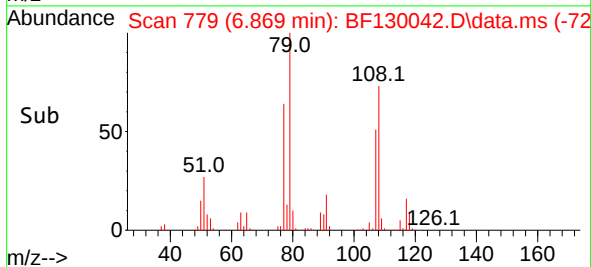
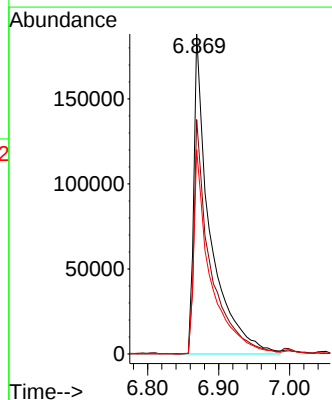
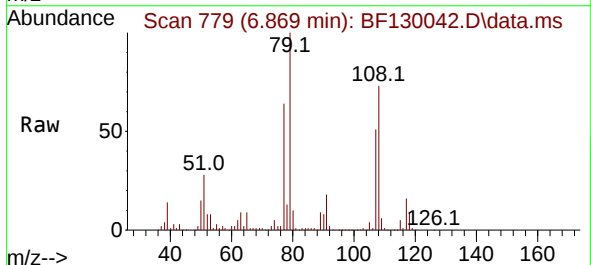
Instrument :
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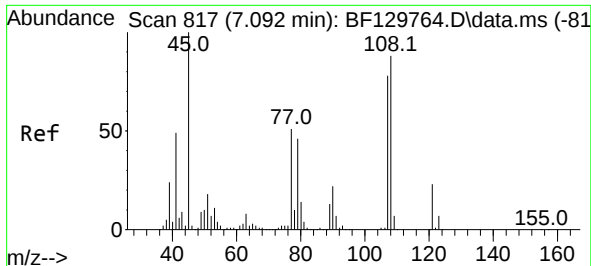
Tgt Ion: 93 Resp: 36256
Ion Ratio Lower Upper
93 100
63 14.8 55.9 95.9#
95 1.5 12.3 52.3#



#15
Benzyl Alcohol
Concen: 43.285 ng
RT: 6.869 min Scan# 779
Delta R.T. 0.006 min
Lab File: BF130042.D
Acq: 29 Aug 2022 19:24

Tgt Ion: 79 Resp: 298150
Ion Ratio Lower Upper
79 100
108 73.3 59.2 88.8
77 63.9 51.9 77.9

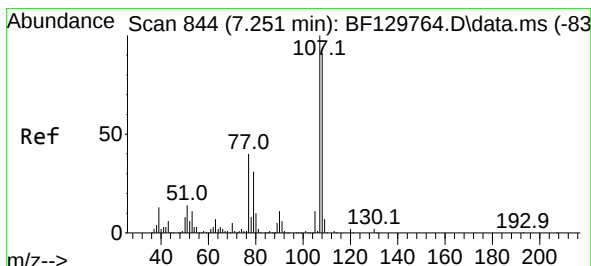
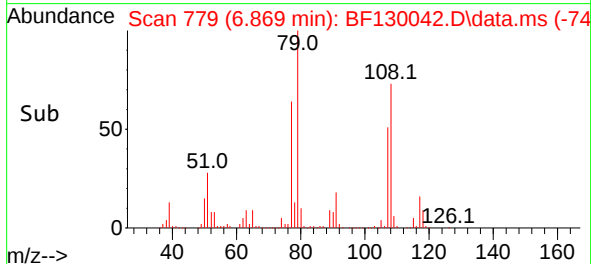
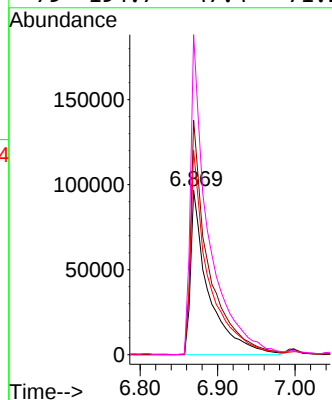
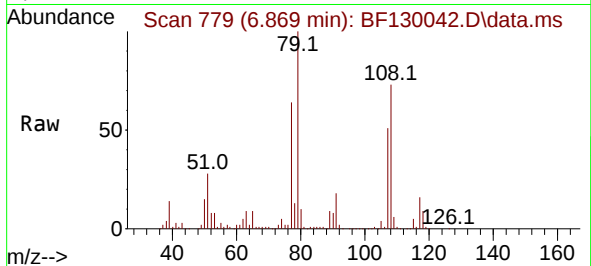




#17
2-Methylphenol
Concen: 23.841 ng
RT: 6.869 min Scan# 71
Delta R.T. -0.112 min
Lab File: BF130042.D
Acq: 29 Aug 2022 19:24

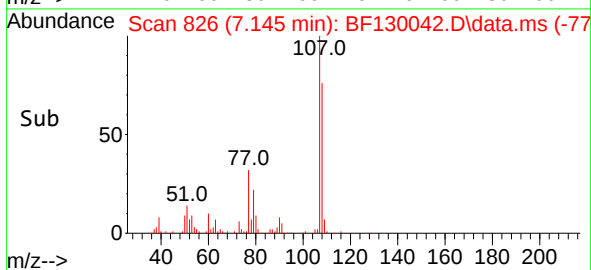
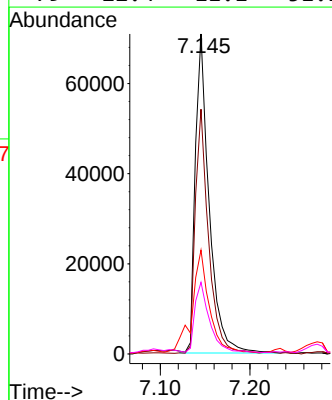
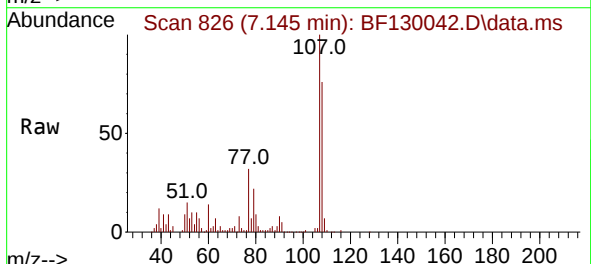
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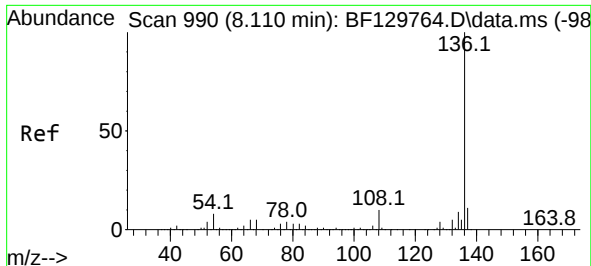
Tgt Ion:107 Resp: 155271
Ion Ratio Lower Upper
107 100
108 142.7 90.2 135.2#
77 124.4 51.8 77.8#
79 194.7 47.4 71.2#



#20
3+4-Methylphenols
Concen: 8.654 ng
RT: 7.145 min Scan# 826
Delta R.T. 0.006 min
Lab File: BF130042.D
Acq: 29 Aug 2022 19:24

Tgt Ion:107 Resp: 75653
Ion Ratio Lower Upper
107 100
108 76.5 71.3 111.3
77 32.5 20.4 60.4
79 22.4 11.1 51.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.981 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF130042.D

Acq: 29 Aug 2022 19:24

Instrument :

BNA_F

ClientSampleId :

MW-29

Tgt Ion:136 Resp: 477565

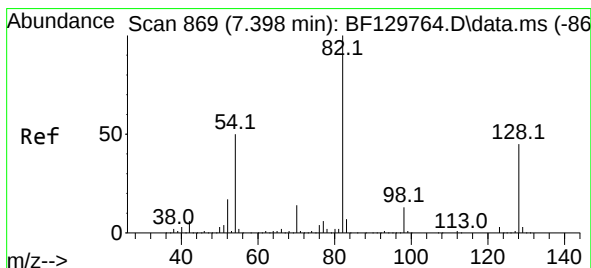
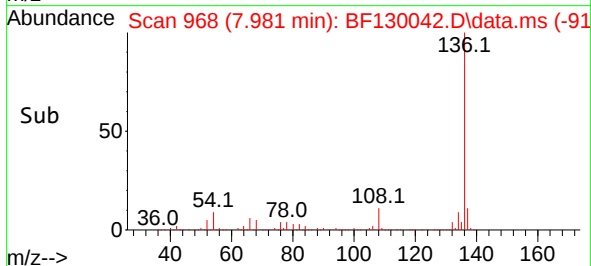
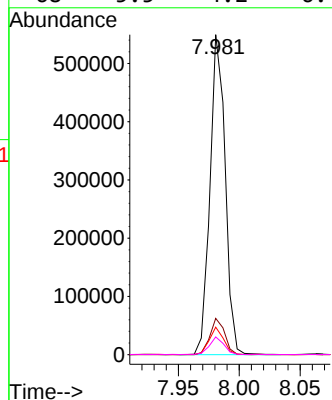
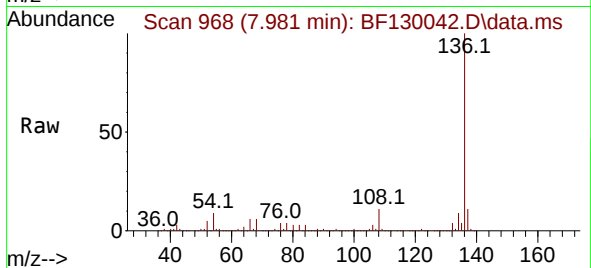
Ion Ratio Lower Upper

136 100

137 11.4 8.4 12.6

54 8.6 6.2 9.2

68 5.5 4.2 6.4



#23

Nitrobenzene-d5

Concen: 104.687 ng

RT: 7.275 min Scan# 848

Delta R.T. -0.006 min

Lab File: BF130042.D

Acq: 29 Aug 2022 19:24

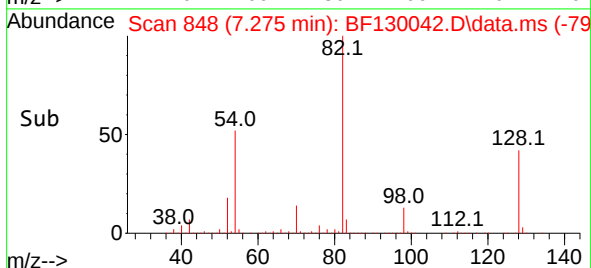
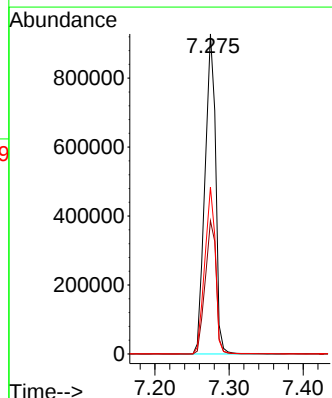
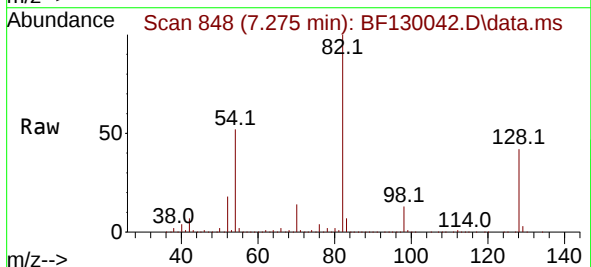
Tgt Ion: 82 Resp: 933923

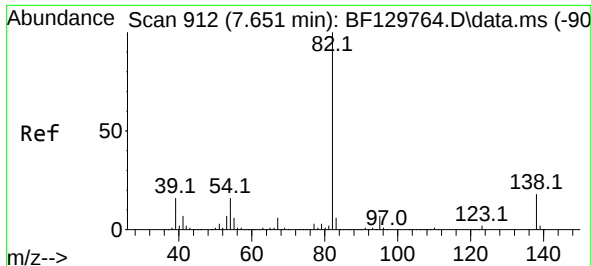
Ion Ratio Lower Upper

82 100

128 41.6 36.1 54.1

54 52.2 40.0 60.0

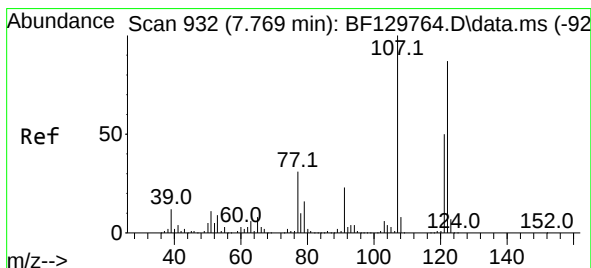
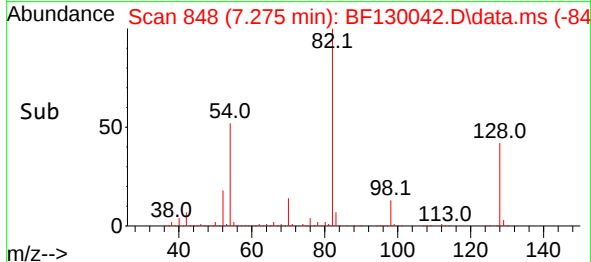
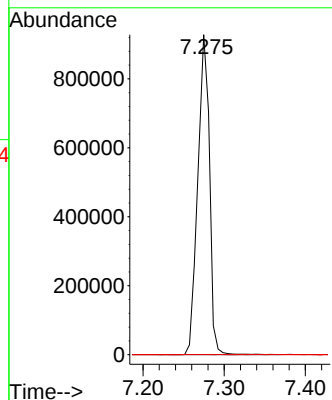
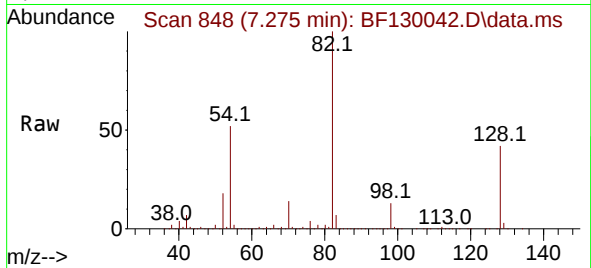




#25
Isophorone
Concen: 60.738 ng
RT: 7.275 min Scan# 84
Delta R.T. -0.259 min
Lab File: BF130042.D
Acq: 29 Aug 2022 19:24

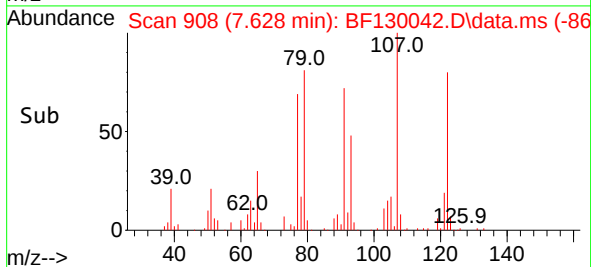
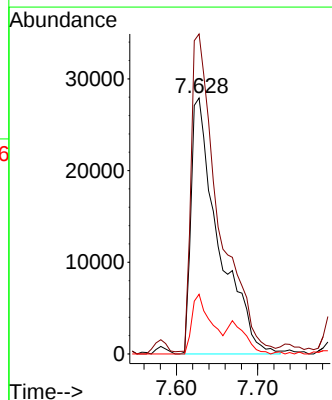
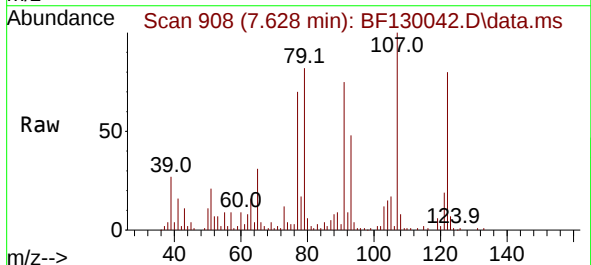
Instrument :
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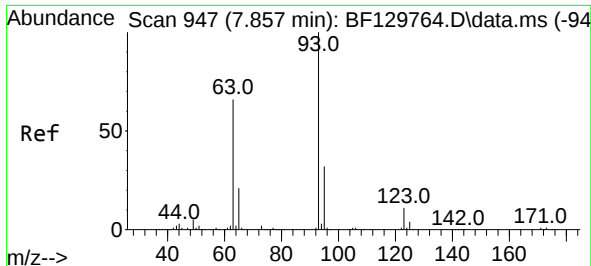
Tgt Ion: 82 Resp: 932609
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#27
2,4-Dimethylphenol
Concen: 10.358 ng
RT: 7.628 min Scan# 908
Delta R.T. -0.029 min
Lab File: BF130042.D
Acq: 29 Aug 2022 19:24

Tgt Ion:122 Resp: 65727
Ion Ratio Lower Upper
122 100
107 125.0 92.2 138.4
121 23.3 46.1 69.1#

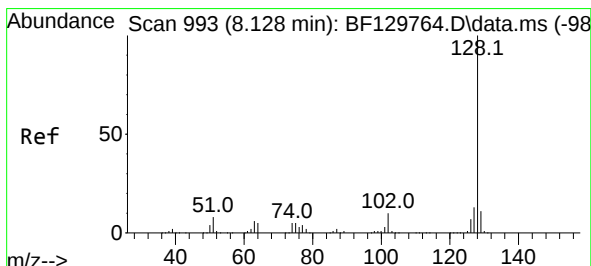
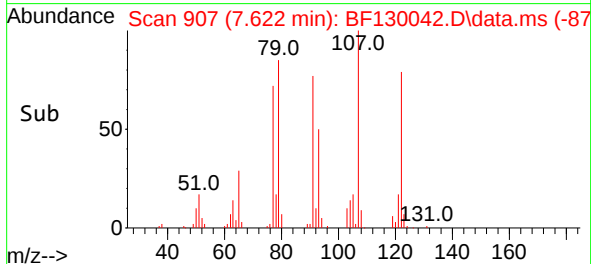
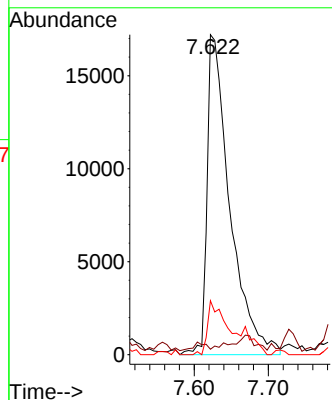
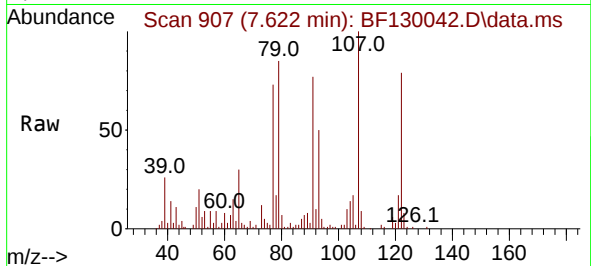




#28
bis(2-Chloroethoxy)methane
Concen: 4.103 ng
RT: 7.622 min Scan# 907
Delta R.T. -0.117 min
Lab File: BF130042.D
Acq: 29 Aug 2022 19:24

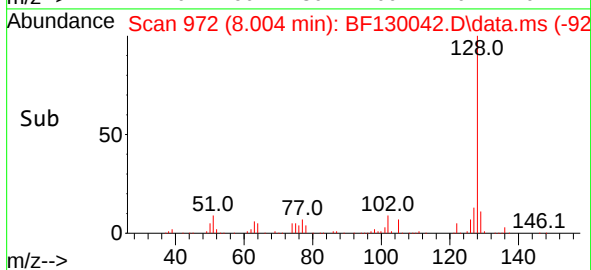
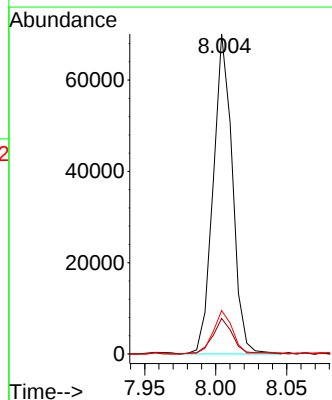
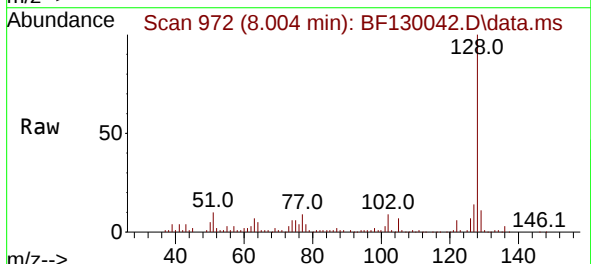
Instrument :
BNA_F
ClientSampleId :
MW-29

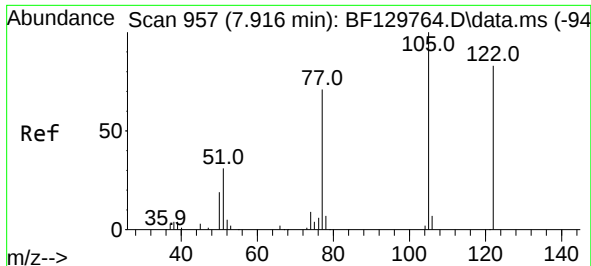
Tgt Ion: 93 Resp: 36787
Ion Ratio Lower Upper
93 100
95 1.7 25.6 38.4#
123 16.9 9.0 13.4#



#31
Naphthalene
Concen: 2.629 ng
RT: 8.004 min Scan# 972
Delta R.T. -0.006 min
Lab File: BF130042.D
Acq: 29 Aug 2022 19:24

Tgt Ion: 128 Resp: 65639
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.5 10.7 16.1

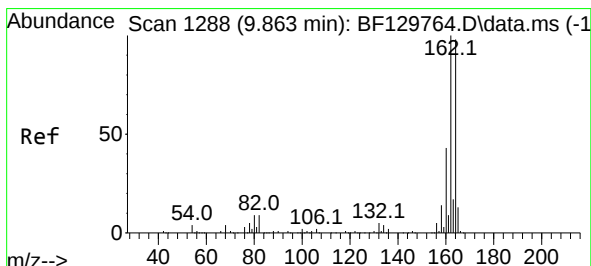
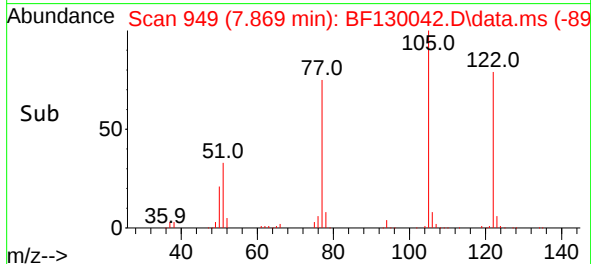
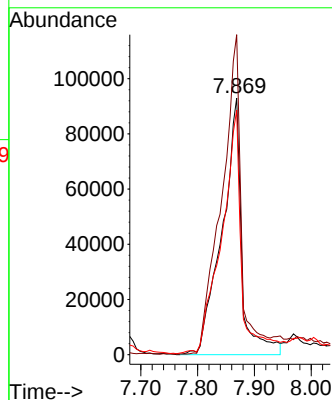
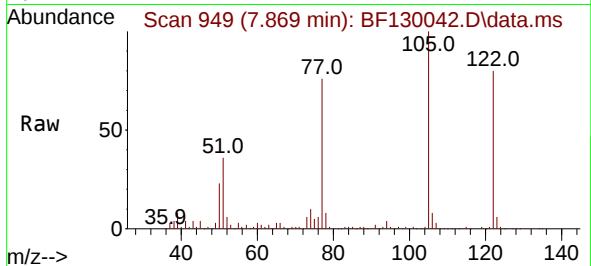




#32
Benzoic acid
Concen: 69.037 ng
RT: 7.869 min Scan# 949
Delta R.T. 0.047 min
Lab File: BF130042.D
Acq: 29 Aug 2022 19:24

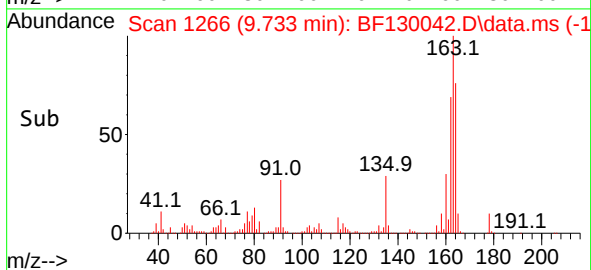
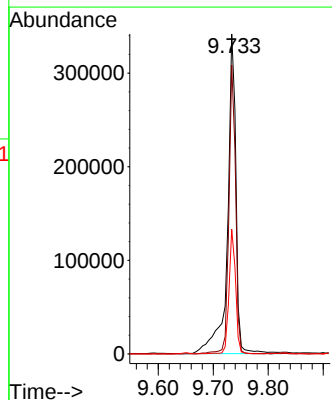
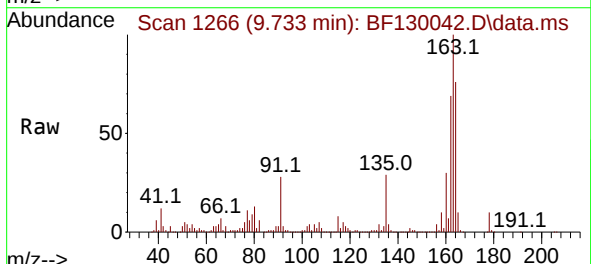
Instrument :
BNA_F
ClientSampleId :
MW-29

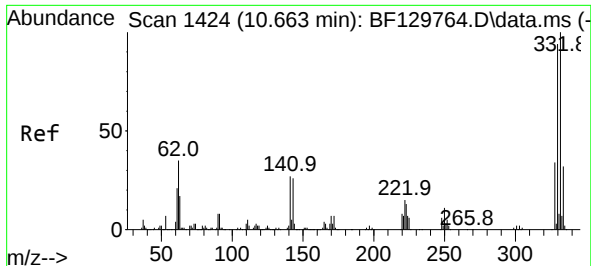
Tgt Ion:122 Resp: 225270
Ion Ratio Lower Upper
122 100
105 124.7 99.9 139.9
77 95.3 65.9 105.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.733 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF130042.D
Acq: 29 Aug 2022 19:24

Tgt Ion:164 Resp: 366969
Ion Ratio Lower Upper
164 100
162 90.3 82.0 123.0
160 39.0 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 73.128 ng

RT: 10.533 min Scan# 1424

Delta R.T. 0.000 min

Lab File: BF130042.D

Acq: 29 Aug 2022 19:24

Instrument :

BNA_F

ClientSampleId :

MW-29

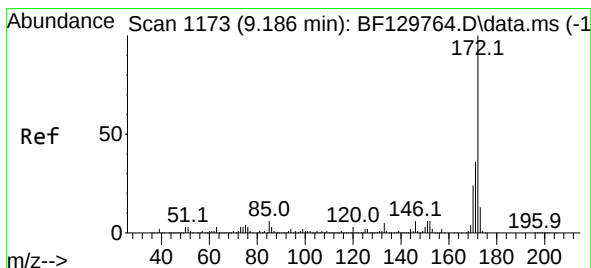
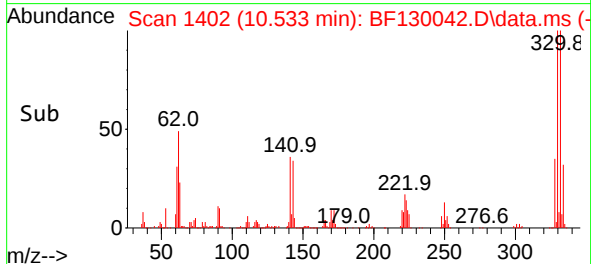
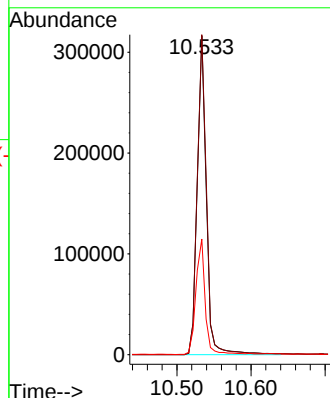
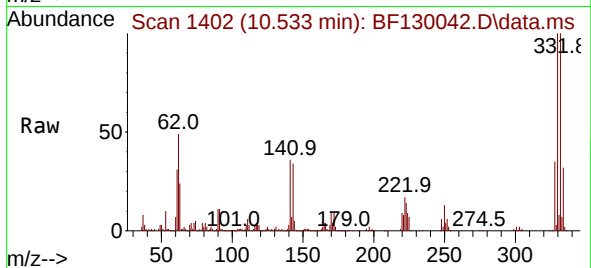
Tgt Ion:330 Resp: 269335

Ion Ratio Lower Upper

330 100

332 102.4 82.6 124.0

141 36.9 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 69.899 ng

RT: 9.063 min Scan# 1152

Delta R.T. 0.000 min

Lab File: BF130042.D

Acq: 29 Aug 2022 19:24

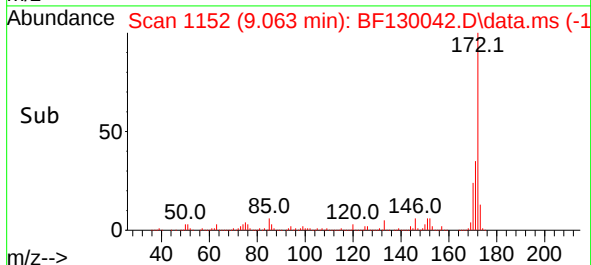
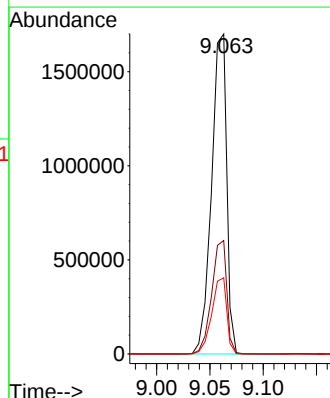
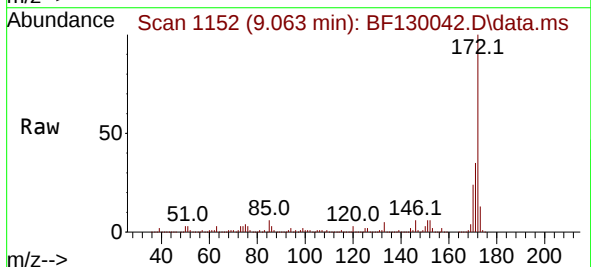
Tgt Ion:172 Resp: 1688878

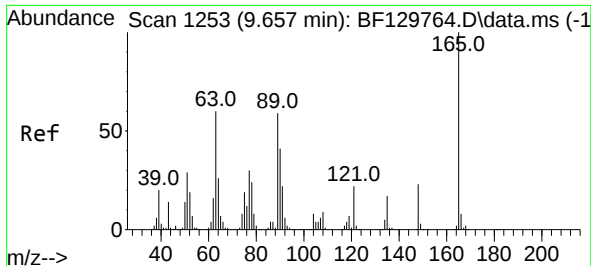
Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.8 19.1 28.7

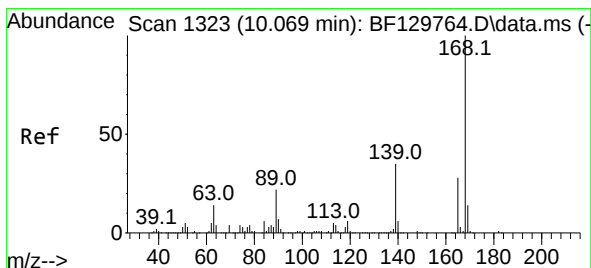
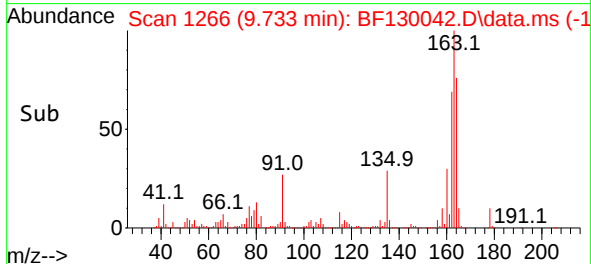
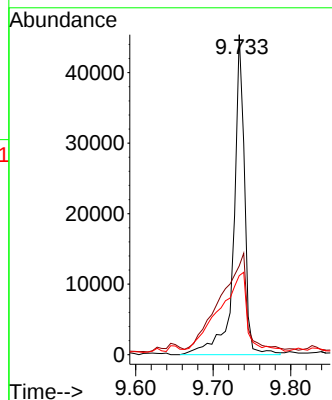
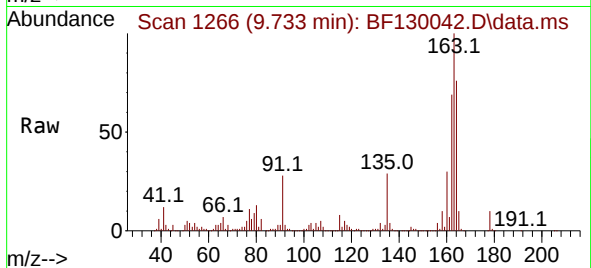




#51
2,6-Dinitrotoluene
Concen: 7.756 ng
RT: 9.733 min Scan# 1266
Delta R.T. 0.188 min
Lab File: BF130042.D
Acq: 29 Aug 2022 19:24

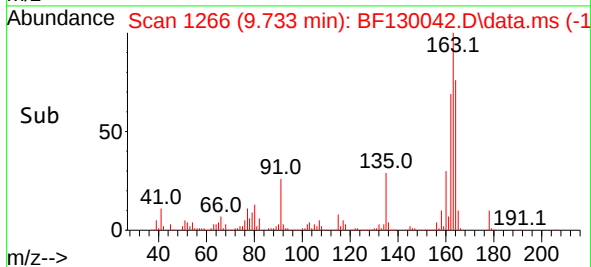
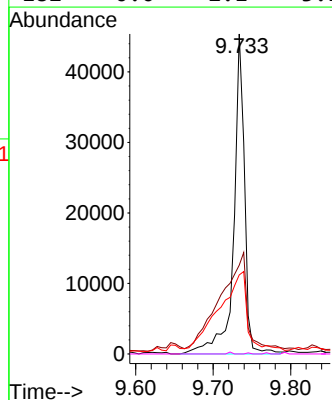
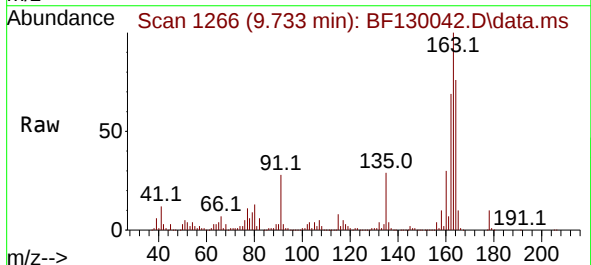
Instrument :
BNA_F
ClientSampleId :
MW-29

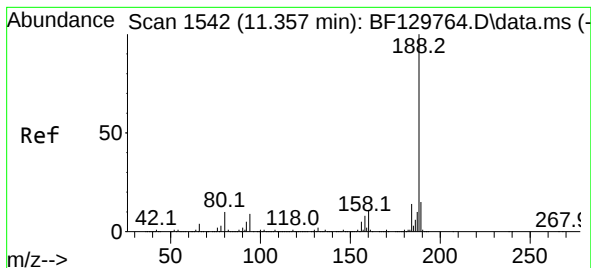
Tgt Ion:165 Resp: 44262
Ion Ratio Lower Upper
165 100
63 27.8 47.8 71.8#
89 24.7 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 5.975 ng
RT: 9.733 min Scan# 1266
Delta R.T. -0.217 min
Lab File: BF130042.D
Acq: 29 Aug 2022 19:24

Tgt Ion:165 Resp: 44262
Ion Ratio Lower Upper
165 100
63 27.8 48.4 72.6#
89 24.7 62.3 93.5#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.222 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130042.D

Acq: 29 Aug 2022 19:24

Instrument :

BNA_F

ClientSampleId :

MW-29

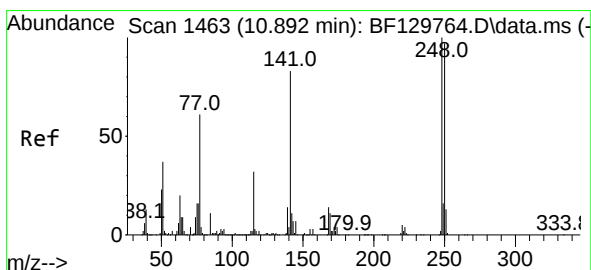
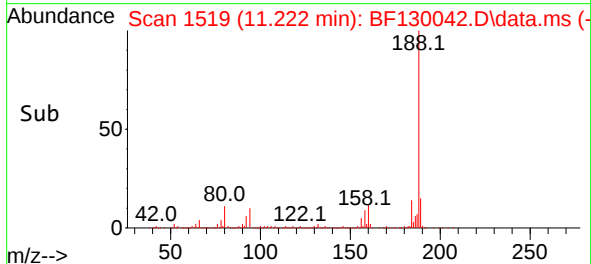
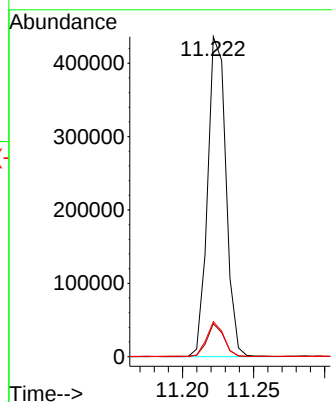
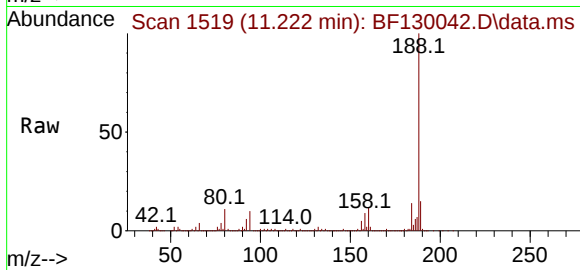
Tgt Ion:188 Resp: 392879

Ion Ratio Lower Upper

188 100

94 10.3 7.4 11.2

80 10.9 7.9 11.9



#67

4-Bromophenyl-phenylether

Concen: 3.678 ng

RT: 10.533 min Scan# 1402

Delta R.T. -0.235 min

Lab File: BF130042.D

Acq: 29 Aug 2022 19:24

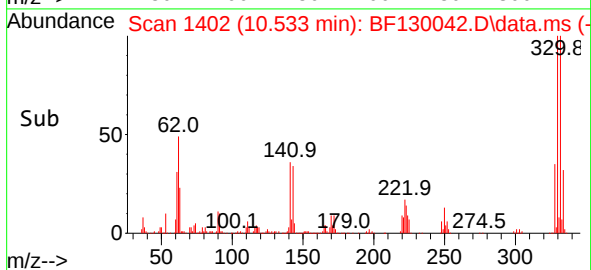
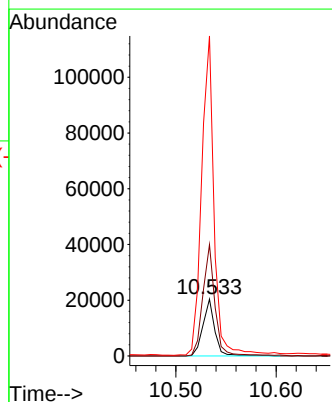
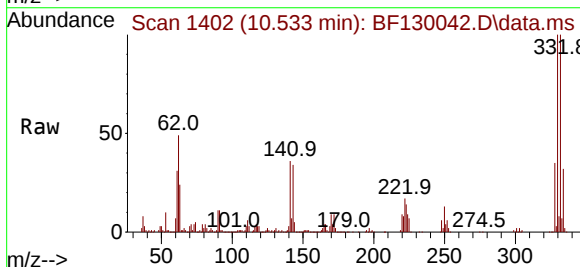
Tgt Ion:248 Resp: 16925

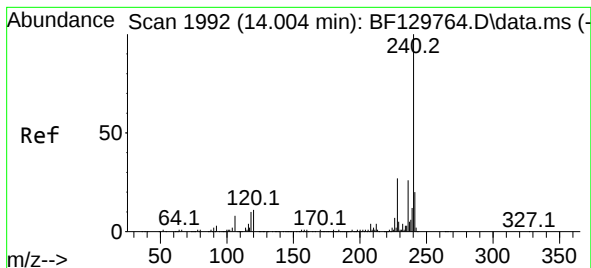
Ion Ratio Lower Upper

248 100

250 196.3 77.8 116.6#

141 563.8 66.2 99.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.868 min Scan# 1992

Delta R.T. -0.006 min

Lab File: BF130042.D

Acq: 29 Aug 2022 19:24

Instrument :

BNA_F

ClientSampleId :

MW-29

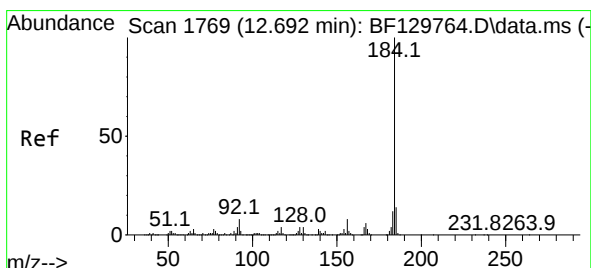
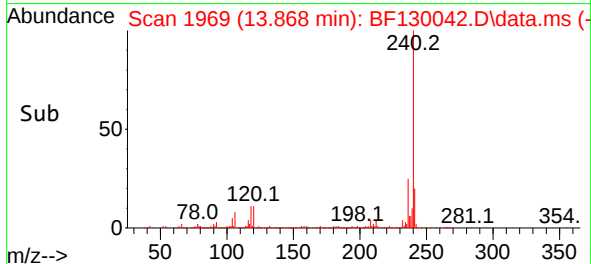
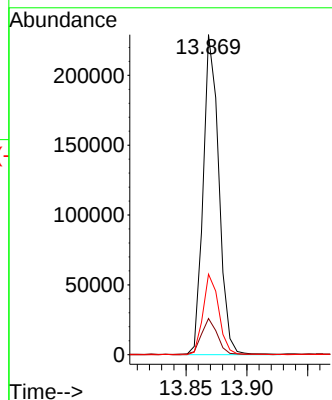
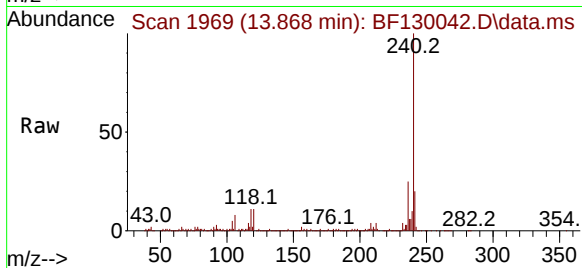
Tgt Ion:240 Resp: 205765

Ion Ratio Lower Upper

240 100

120 11.3 9.2 13.8

236 25.1 20.7 31.1



#77

Benzidine

Concen: Below Cal

RT: 12.563 min Scan# 1747

Delta R.T. -0.006 min

Lab File: BF130042.D

Acq: 29 Aug 2022 19:24

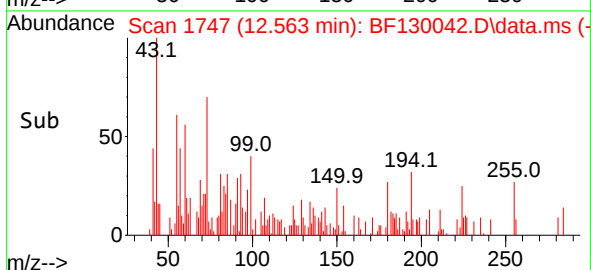
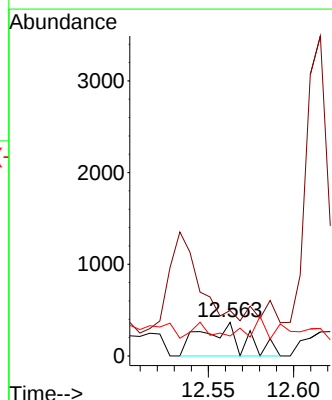
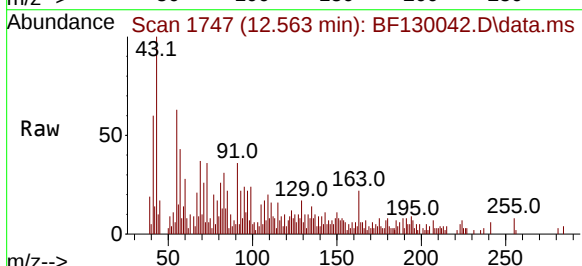
Tgt Ion:184 Resp: 635

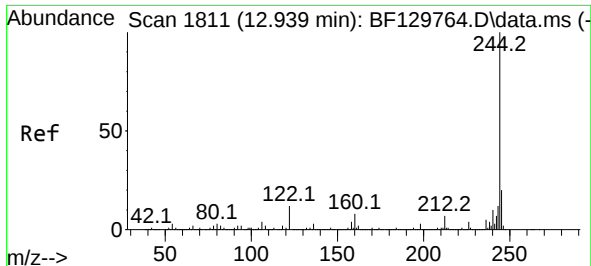
Ion Ratio Lower Upper

184 100

185 135.1 11.4 17.2#

183 59.4 9.4 14.2#

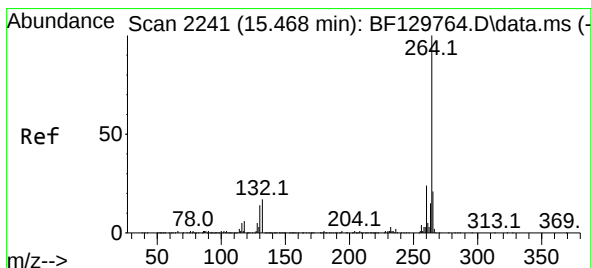
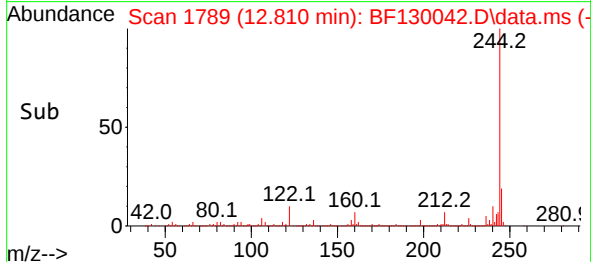
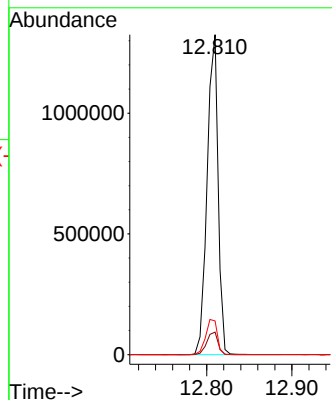
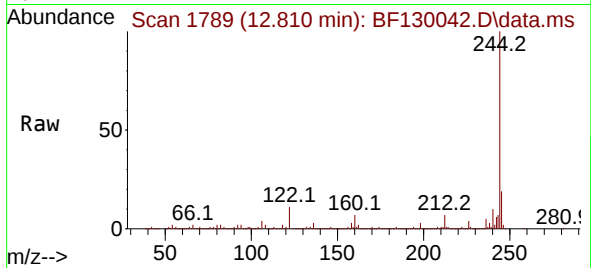




#79
 Terphenyl-d14
 Concen: 95.355 ng
 RT: 12.810 min Scan# 1179175
 Delta R.T. 0.000 min
 Lab File: BF130042.D
 Acq: 29 Aug 2022 19:24

Instrument :
 BNA_F
 ClientSampleId :
 MW-29

Tgt Ion:244 Resp: 1179175
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 10.5 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.298 min Scan# 2212
 Delta R.T. -0.006 min
 Lab File: BF130042.D
 Acq: 29 Aug 2022 19:24

Tgt Ion:264 Resp: 256122
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.1 28.7
 265 21.6 16.7 25.1

