

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110223\
 Data File : BF136100.D
 Acq On : 02 Nov 2023 17:29
 Operator : CG\JU
 Sample : 05040-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EB-2

Quant Time: Nov 02 17:47:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 01:13:02 2023
 Response via : Initial Calibration

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

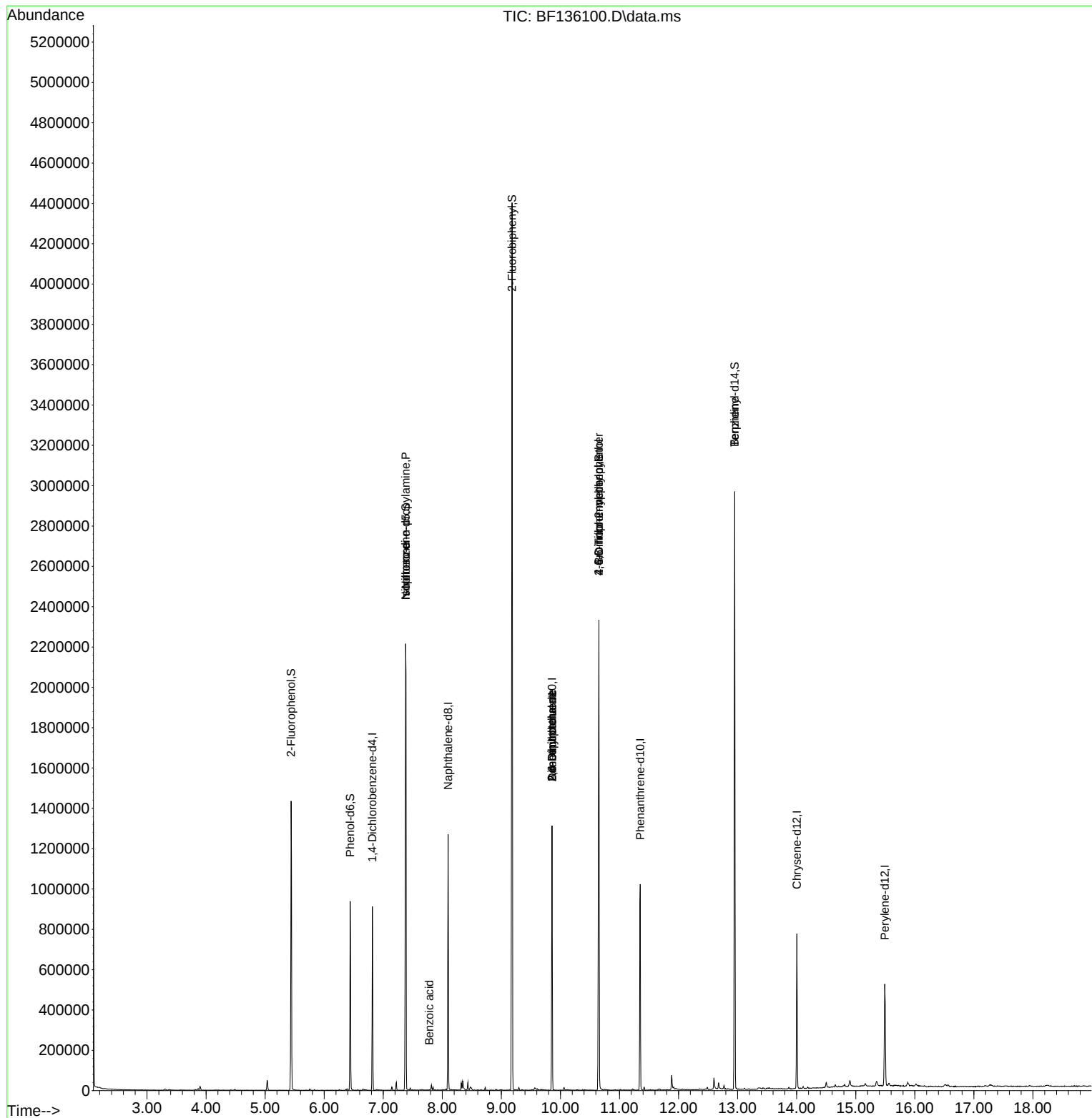
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	121139	20.000	ng	-0.01
21) Naphthalene-d8	8.098	136	480081	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	236169	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	370570	20.000	ng	0.00
76) Chrysene-d12	14.004	240	234160	20.000	ng	-0.01
86) Perylene-d12	15.492	264	225643	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	379623	49.244	ng	-0.01
7) Phenol-d6	6.439	99	291771	30.377	ng	-0.02
23) Nitrobenzene-d5	7.381	82	766399	96.235	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	284636	112.914	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1285716	86.784	ng	0.00
79) Terphenyl-d14	12.951	244	990140	65.712	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.381	70	100853	18.377	ng	# 80
25) Isophorone	7.381	82	766383	50.974	ng	# 64
32) Benzoic acid	7.781	122	287	5.160	ng	# 82
50) Dimethylphthalate	9.857	163	48377	3.105	ng	# 1
51) 2,6-Dinitrotoluene	9.857	165	29634	8.894	ng	# 28
57) 2,4-Dinitrotoluene	9.857	165	29634	7.030	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.651	198	606	6.052	ng	# 1
67) 4-Bromophenyl-phenylether	10.651	248	18131	4.667	ng	# 1
77) Benzidine	12.951	184	12576	2.755	ng	# 92

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

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 01:13:02 2023
Response via : Initial Calibration

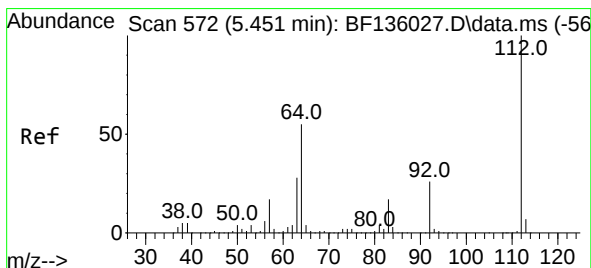
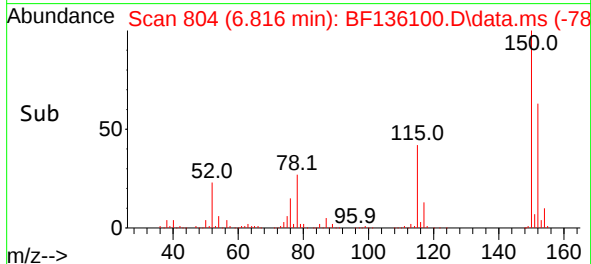
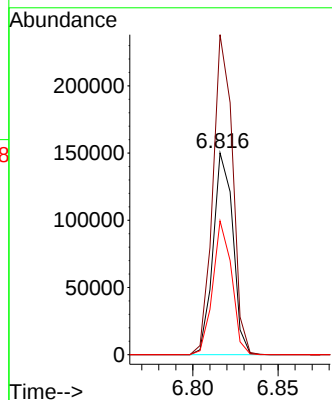
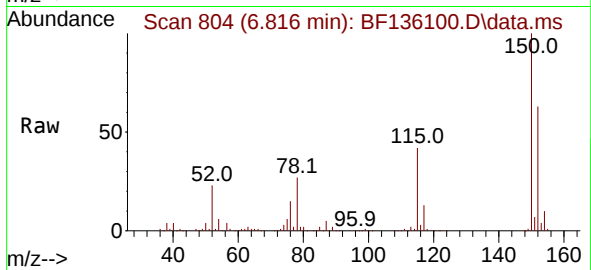




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF136100.D
Acq: 02 Nov 2023 17:29

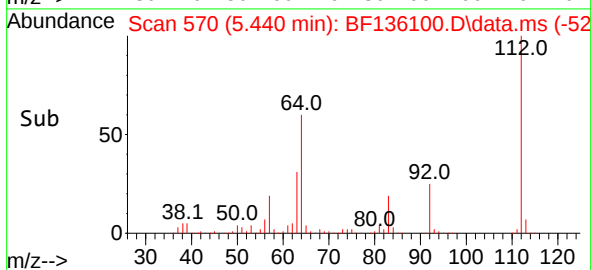
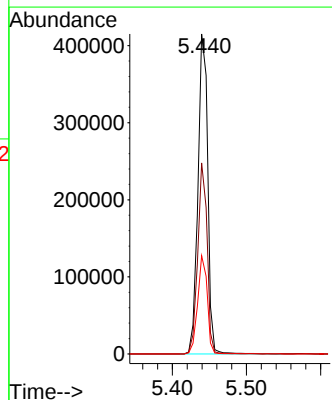
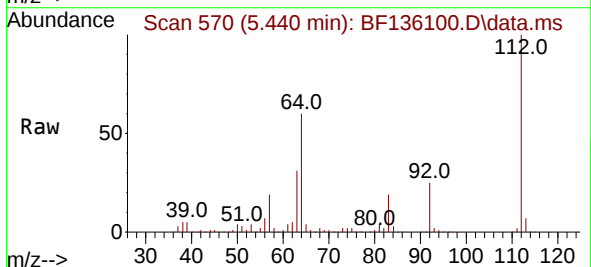
Instrument :
BNA_F
ClientSampleId :
EB-2

Tgt Ion:152 Resp: 121139
Ion Ratio Lower Upper
152 100
150 158.6 126.4 189.6
115 66.3 47.0 70.4



#5
2-Fluorophenol
Concen: 49.244 ng
RT: 5.440 min Scan# 570
Delta R.T. -0.012 min
Lab File: BF136100.D
Acq: 02 Nov 2023 17:29

Tgt Ion:112 Resp: 379623
Ion Ratio Lower Upper
112 100
64 59.7 43.9 65.9
63 30.7 22.4 33.6

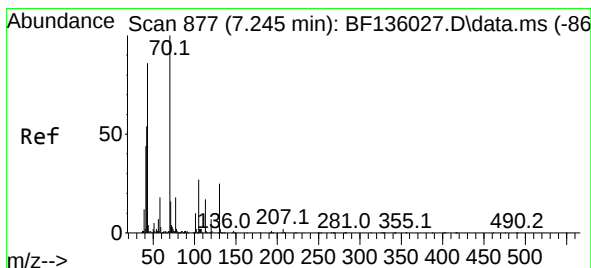
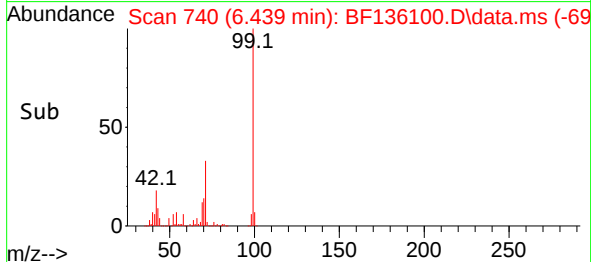
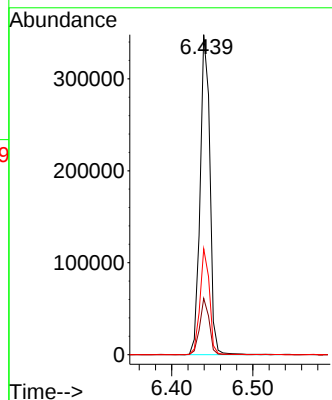
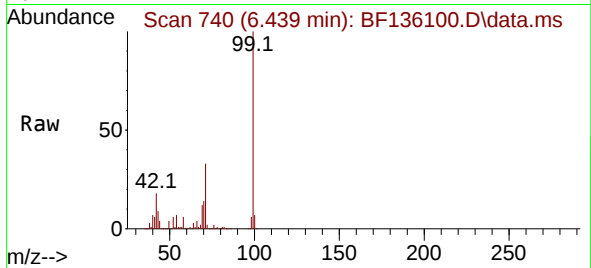




#7
Phenol-d6
Concen: 30.377 ng
RT: 6.439 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF136100.D
Acq: 02 Nov 2023 17:29

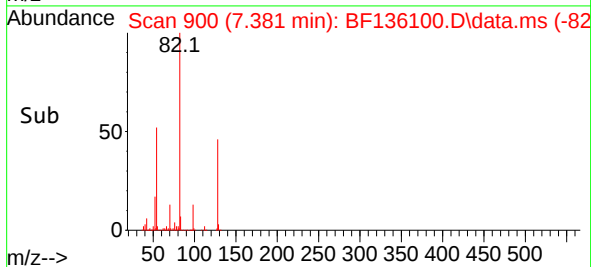
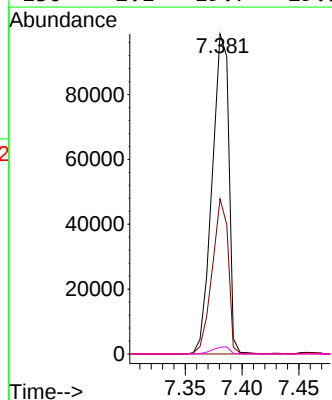
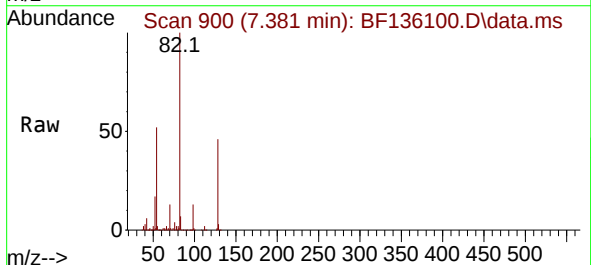
Instrument :
BNA_F
ClientSampleId :
EB-2

Tgt Ion: 99 Resp: 291771
Ion Ratio Lower Upper
99 100
42 17.6 13.7 20.5
71 33.1 25.9 38.9



#19
n-Nitroso-di-n-propylamine
Concen: 18.377 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.135 min
Lab File: BF136100.D
Acq: 02 Nov 2023 17:29

Tgt Ion: 70 Resp: 100853
Ion Ratio Lower Upper
70 100
42 48.4 43.0 64.4
101 0.0 8.0 12.0#
130 2.1 19.7 29.5#

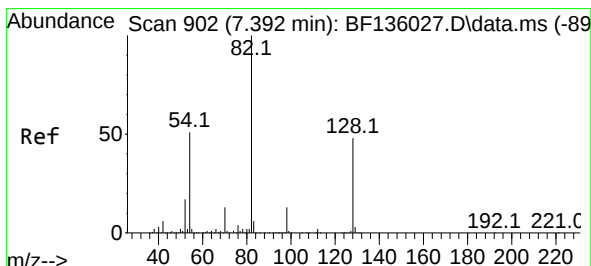
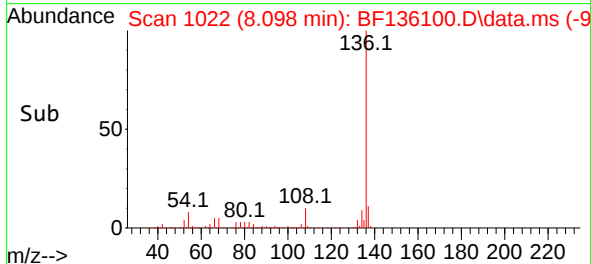
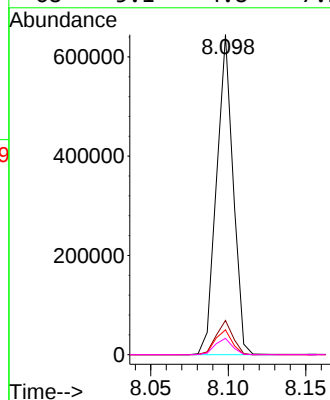
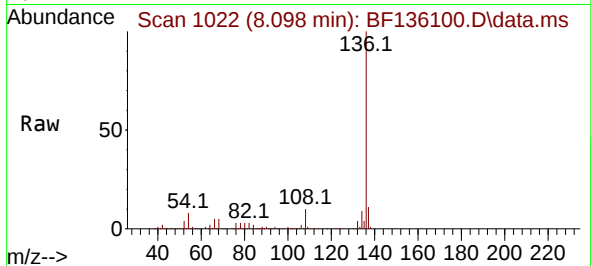




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF136100.D
Acq: 02 Nov 2023 17:29

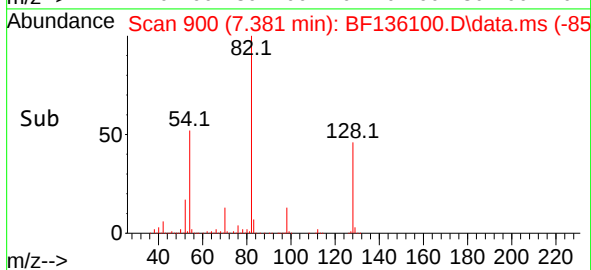
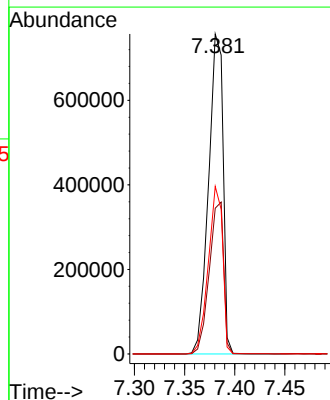
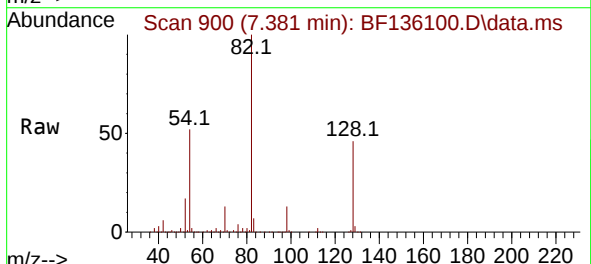
Instrument :
BNA_F
ClientSampleId :
EB-2

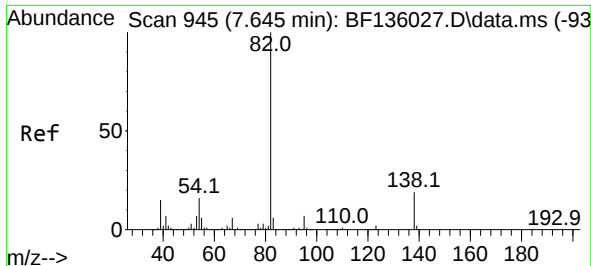
Tgt Ion:136	Resp: 480081
Ion Ratio	Lower Upper
136 100	
137 10.7	8.6 13.0
54 7.8	6.6 9.8
68 5.1	4.8 7.2



#23
Nitrobenzene-d5
Concen: 96.235 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF136100.D
Acq: 02 Nov 2023 17:29

Tgt Ion: 82	Resp: 766399
Ion Ratio	Lower Upper
82 100	
128 45.5	38.6 57.8
54 52.3	40.8 61.2

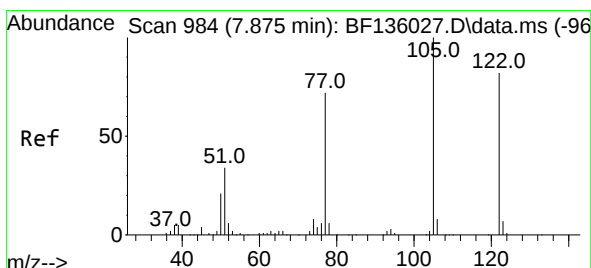
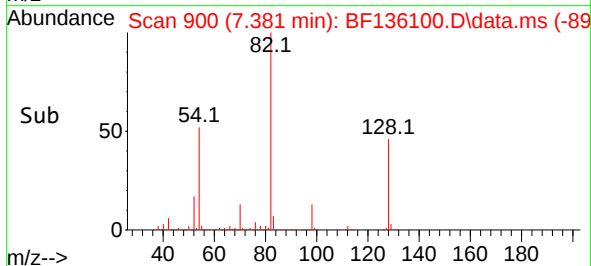
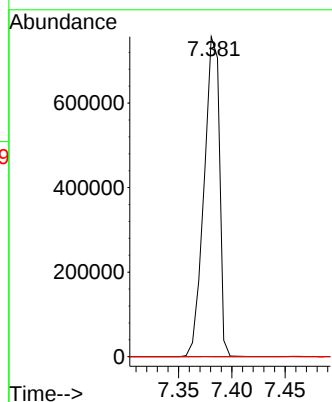
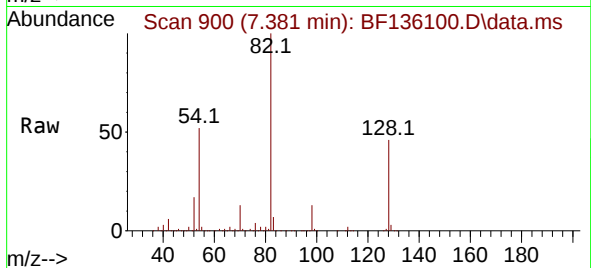




#25
Isophorone
Concen: 50.974 ng
RT: 7.381 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF136100.D
Acq: 02 Nov 2023 17:29

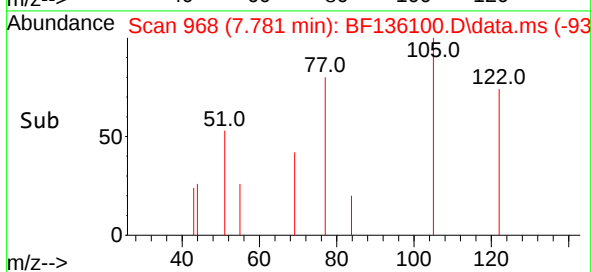
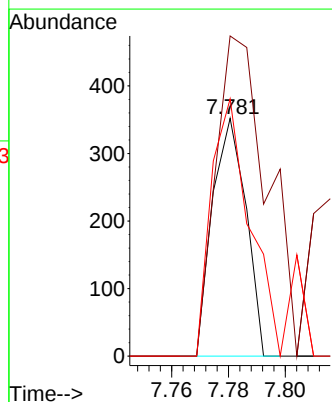
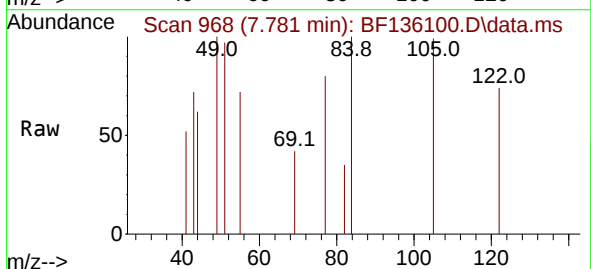
Instrument :
BNA_F
ClientSampleId :
EB-2

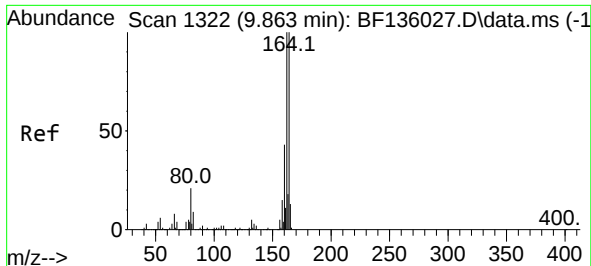
Tgt Ion: 82 Resp: 766383
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 15.3 22.9#



#32
Benzoic acid
Concen: 5.160 ng
RT: 7.781 min Scan# 968
Delta R.T. -0.094 min
Lab File: BF136100.D
Acq: 02 Nov 2023 17:29

Tgt Ion:122 Resp: 287
Ion Ratio Lower Upper
122 100
105 134.7 99.5 139.5
77 108.2 66.8 106.8#

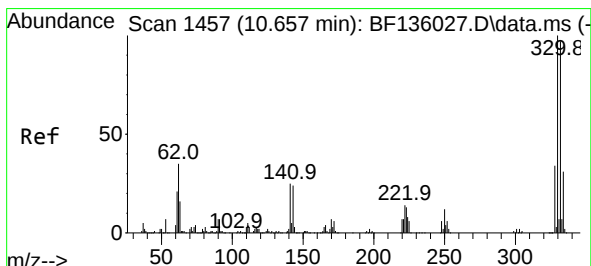
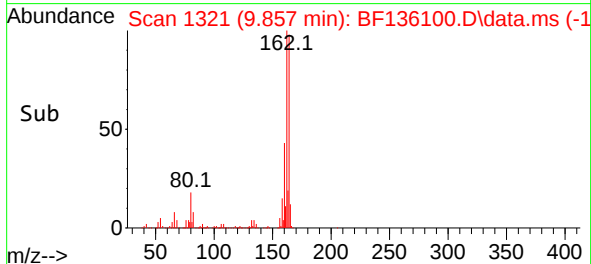
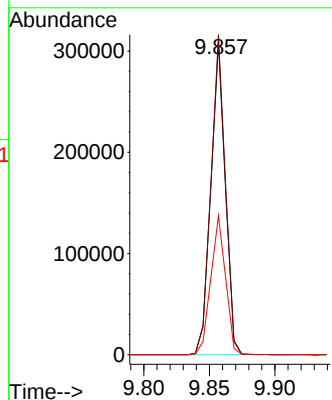
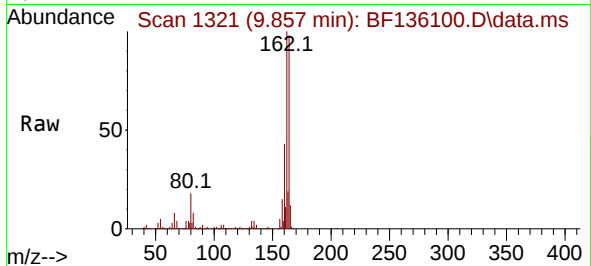




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136100.D
Acq: 02 Nov 2023 17:29

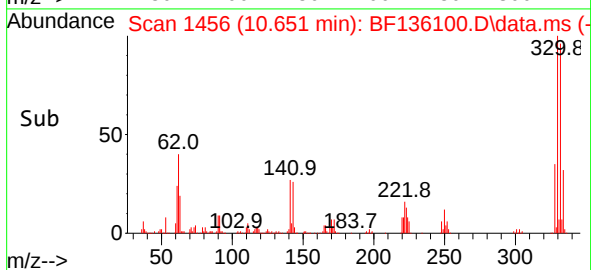
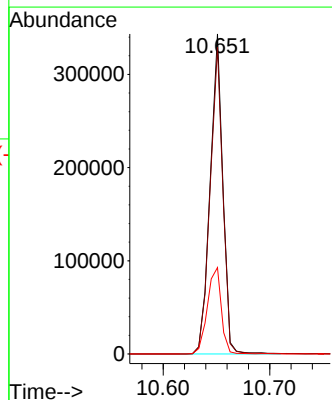
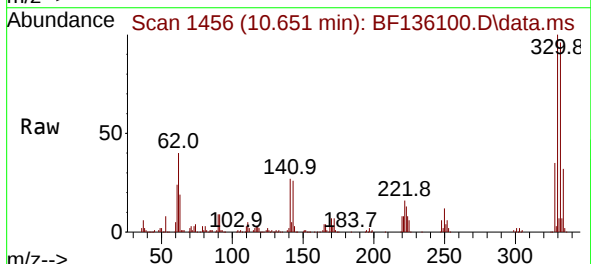
Instrument :
BNA_F
ClientSampleId :
EB-2

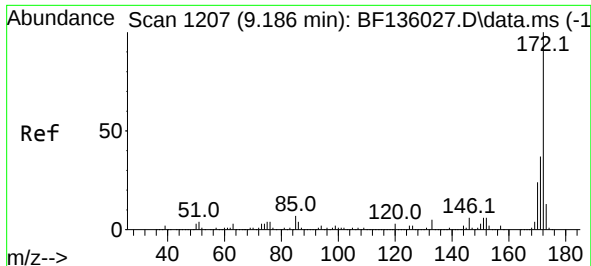
Tgt Ion:164 Resp: 236169
Ion Ratio Lower Upper
164 100
162 102.5 80.1 120.1
160 44.5 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 112.914 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF136100.D
Acq: 02 Nov 2023 17:29

Tgt Ion:330 Resp: 284636
Ion Ratio Lower Upper
330 100
332 96.7 76.9 115.3
141 29.7 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 86.784 ng

RT: 9.180 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136100.D

Acq: 02 Nov 2023 17:29

Instrument :

BNA_F

ClientSampleId :

EB-2

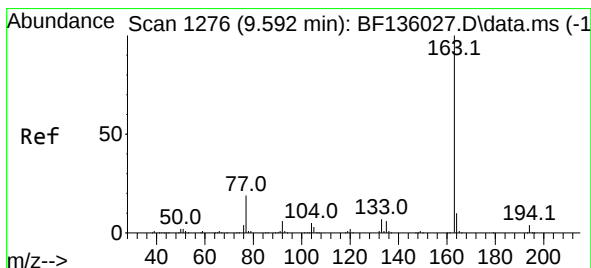
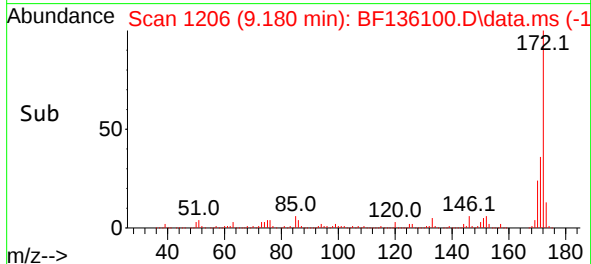
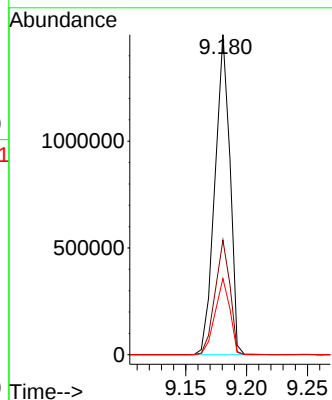
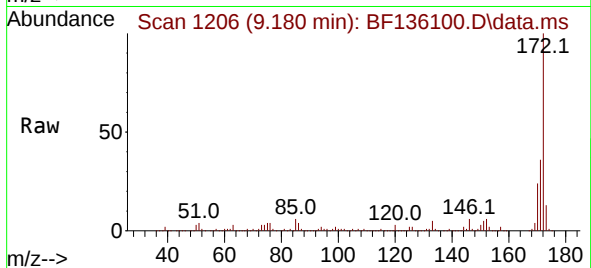
Tgt Ion:172 Resp: 1285716

Ion Ratio Lower Upper

172 100

171 35.8 29.4 44.0

170 23.8 19.3 28.9



#50

Dimethylphthalate

Concen: 3.105 ng

RT: 9.857 min Scan# 1321

Delta R.T. 0.265 min

Lab File: BF136100.D

Acq: 02 Nov 2023 17:29

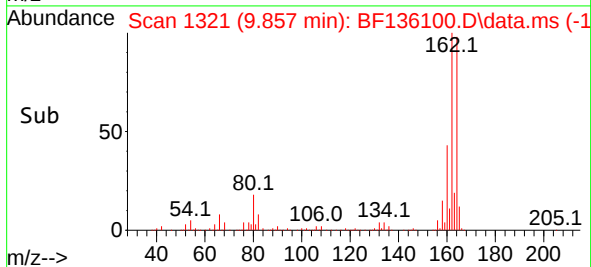
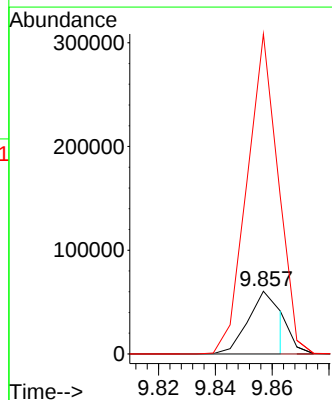
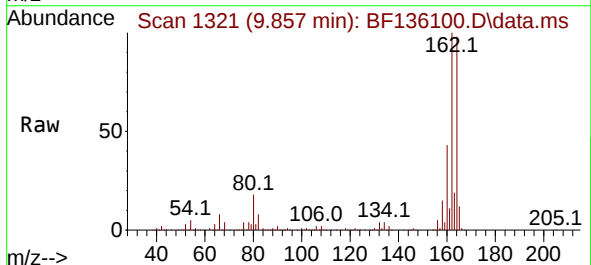
Tgt Ion:163 Resp: 48377

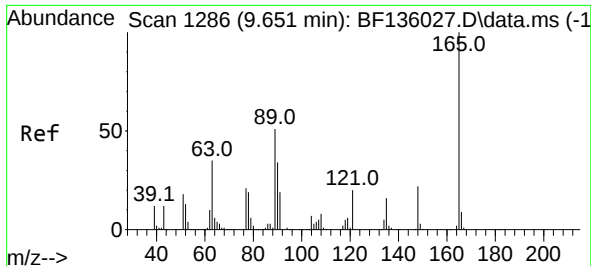
Ion Ratio Lower Upper

163 100

194 0.0 3.2 4.8#

164 510.5 8.1 12.1#

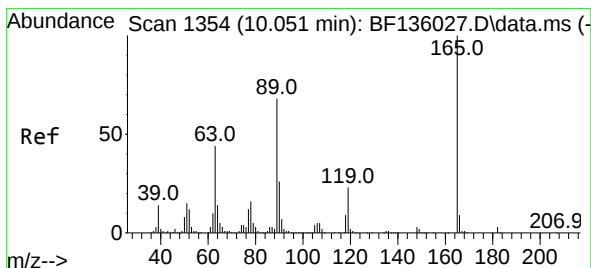
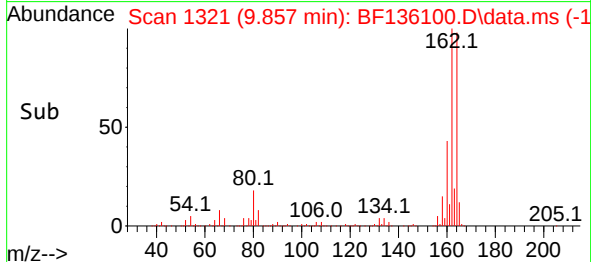
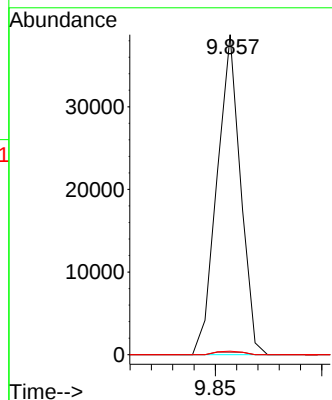
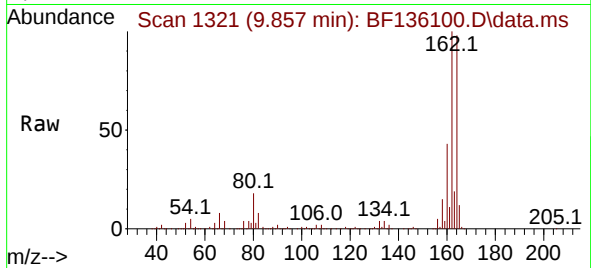




#51
2,6-Dinitrotoluene
Concen: 8.894 ng
RT: 9.857 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF136100.D
Acq: 02 Nov 2023 17:29

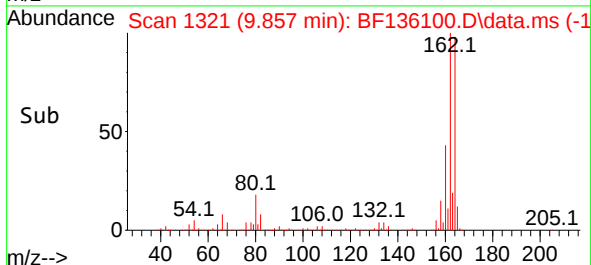
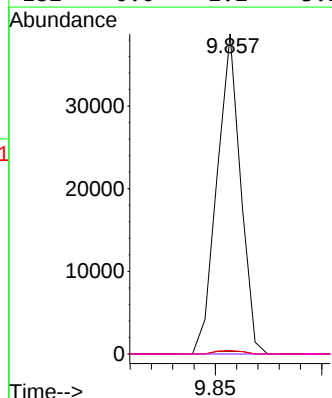
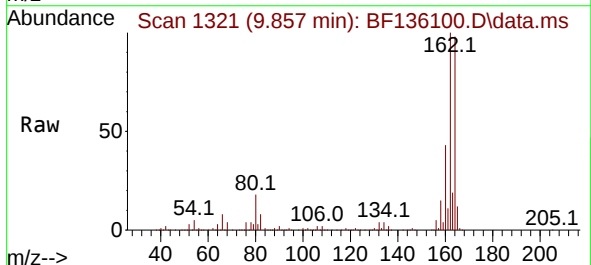
Instrument :
BNA_F
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EB-2

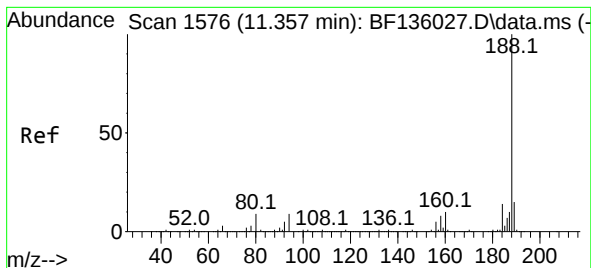
Tgt Ion:165 Resp: 29634
Ion Ratio Lower Upper
165 100
63 0.8 40.8 61.2#
89 1.1 41.1 61.7#



#57
2,4-Dinitrotoluene
Concen: 7.030 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF136100.D
Acq: 02 Nov 2023 17:29

Tgt Ion:165 Resp: 29634
Ion Ratio Lower Upper
165 100
63 0.8 35.2 52.8#
89 1.1 54.8 82.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136100.D

Acq: 02 Nov 2023 17:29

Instrument :

BNA_F

ClientSampleId :

EB-2

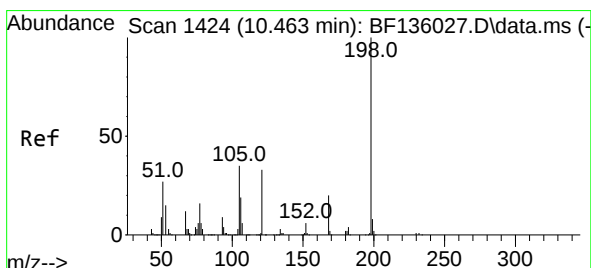
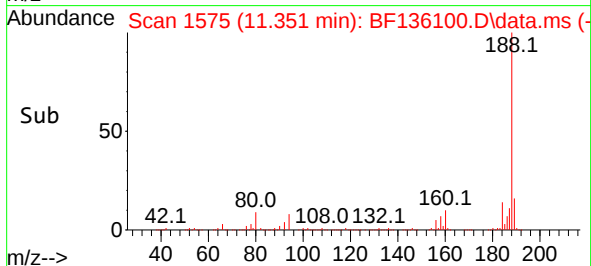
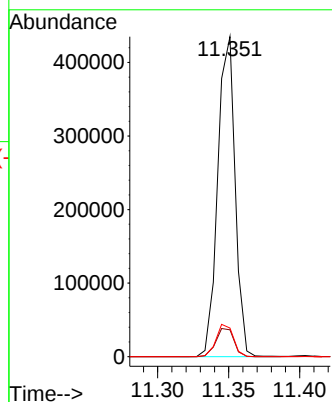
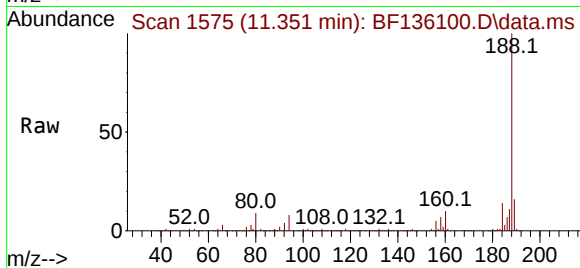
Tgt Ion:188 Resp: 370570

Ion Ratio Lower Upper

188 100

94 8.4 7.2 10.8

80 9.0 7.4 11.0



#65

4,6-Dinitro-2-methylphenol

Concen: 6.052 ng

RT: 10.651 min Scan# 1456

Delta R.T. 0.188 min

Lab File: BF136100.D

Acq: 02 Nov 2023 17:29

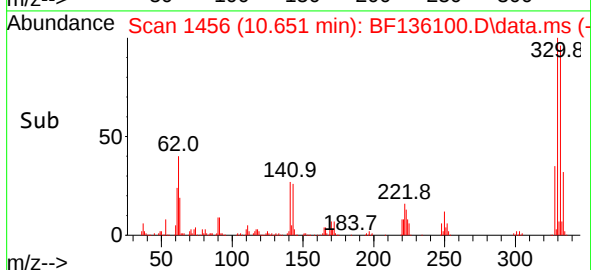
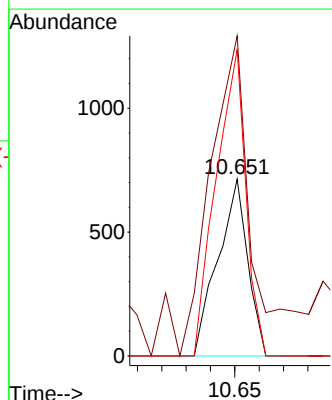
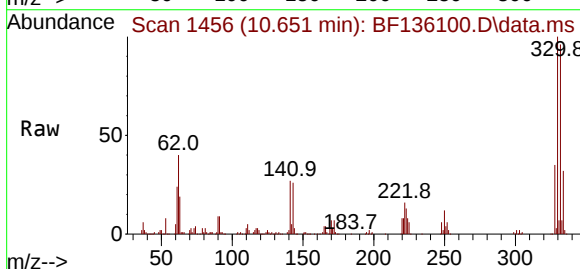
Tgt Ion:198 Resp: 606

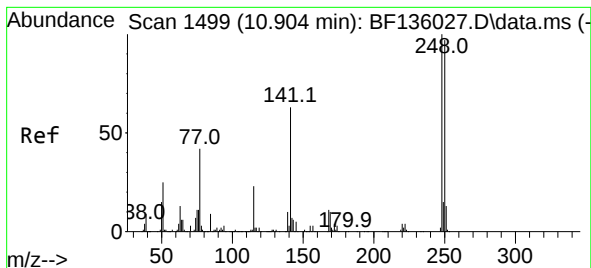
Ion Ratio Lower Upper

198 100

51 181.0 12.9 52.9#

105 173.2 16.0 56.0#

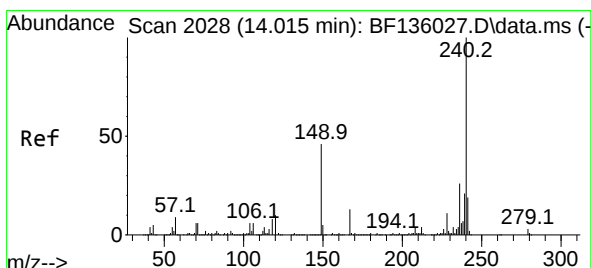
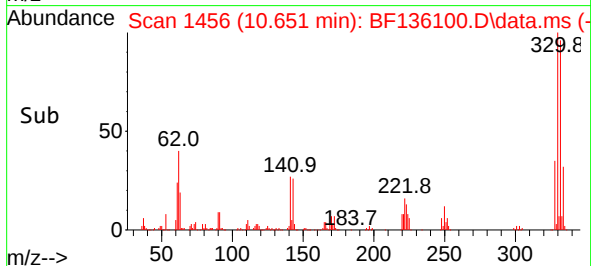
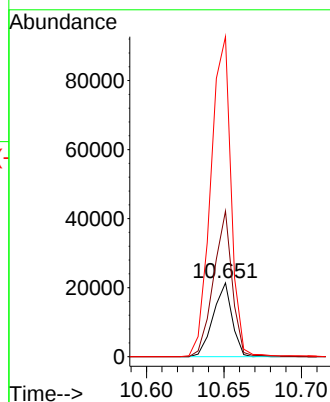
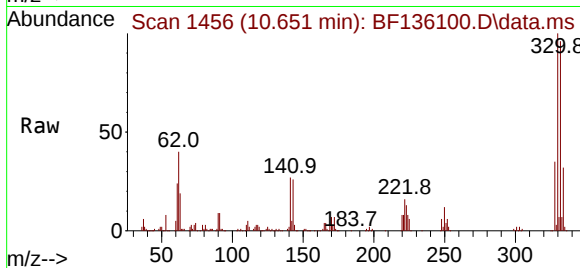




#67
4-Bromophenyl-phenylether
Concen: 4.667 ng
RT: 10.651 min Scan# 1499
Delta R.T. -0.253 min
Lab File: BF136100.D
Acq: 02 Nov 2023 17:29

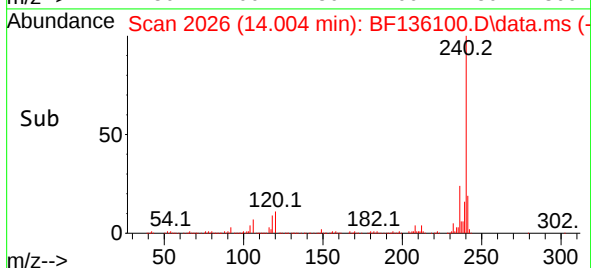
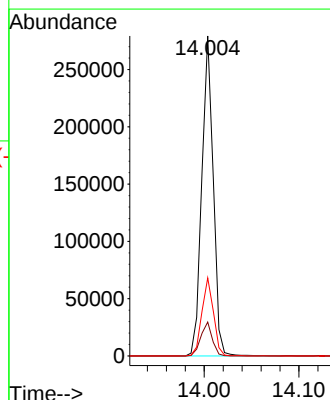
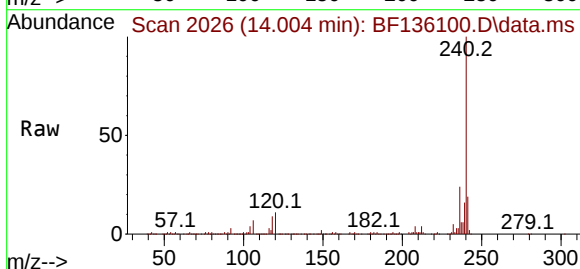
Instrument :
BNA_F
ClientSampleId :
EB-2

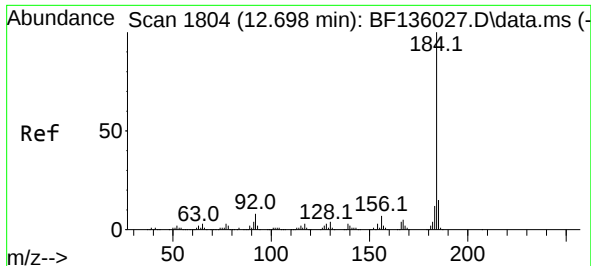
Tgt Ion:248 Resp: 18131
Ion Ratio Lower Upper
248 100
250 197.5 77.6 116.4#
141 433.9 50.4 75.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.012 min
Lab File: BF136100.D
Acq: 02 Nov 2023 17:29

Tgt Ion:240 Resp: 234160
Ion Ratio Lower Upper
240 100
120 10.6 7.6 11.4
236 24.4 20.6 31.0

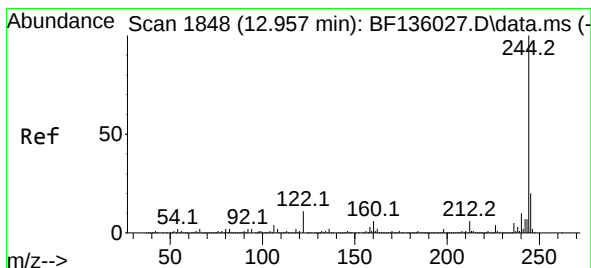
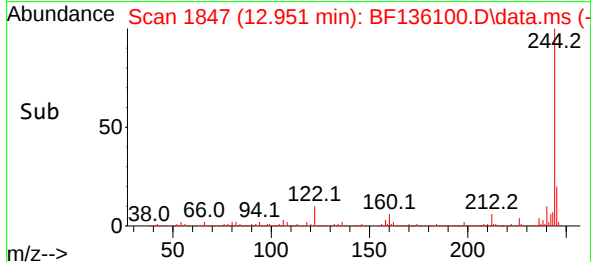
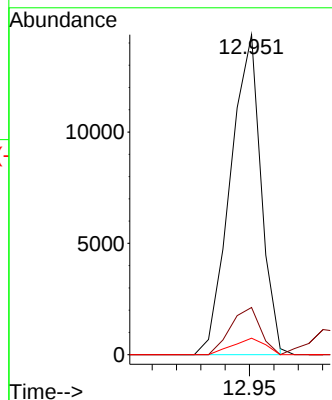
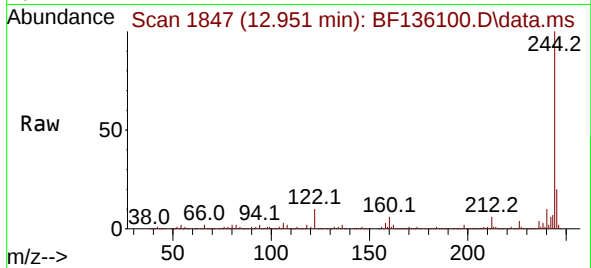




#77
Benzidine
Concen: 2.755 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.253 min
Lab File: BF136100.D
Acq: 02 Nov 2023 17:29

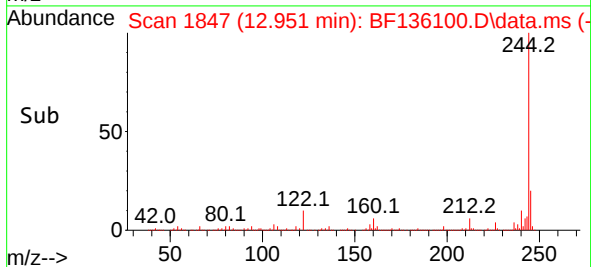
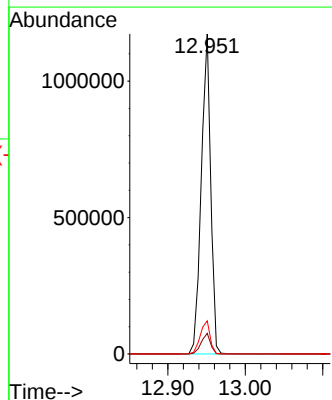
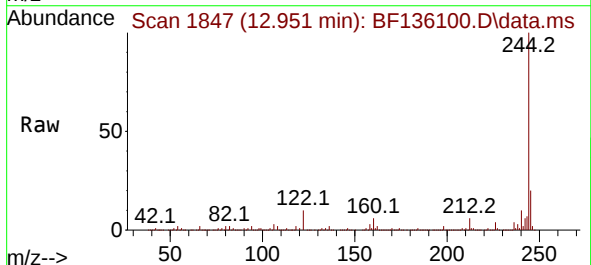
Instrument :
BNA_F
ClientSampleId :
EB-2

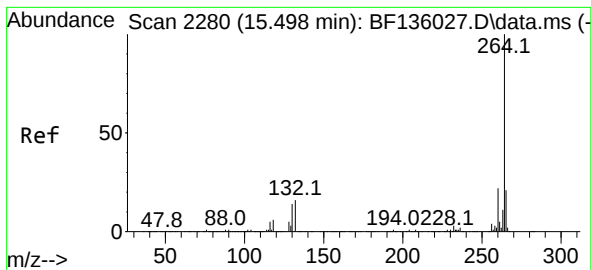
Tgt Ion:184 Resp: 12576
Ion Ratio Lower Upper
184 100
185 14.7 11.8 17.8
183 5.2 9.5 14.3#



#79
Terphenyl-d14
Concen: 65.712 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BF136100.D
Acq: 02 Nov 2023 17:29

Tgt Ion:244 Resp: 990140
Ion Ratio Lower Upper
244 100
212 6.4 5.1 7.7
122 10.3 8.6 12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136100.D
Acq: 02 Nov 2023 17:29

Instrument :
BNA_F
ClientSampleId :
EB-2

Tgt Ion:264 Resp: 225643
Ion Ratio Lower Upper
264 100
260 22.6 17.9 26.9
265 21.9 16.8 25.2

