

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110323\
 Data File : BF136123.D
 Acq On : 03 Nov 2023 14:38
 Operator : CG\JU
 Sample : 05096-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB

Quant Time: Nov 04 00:08:09 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)

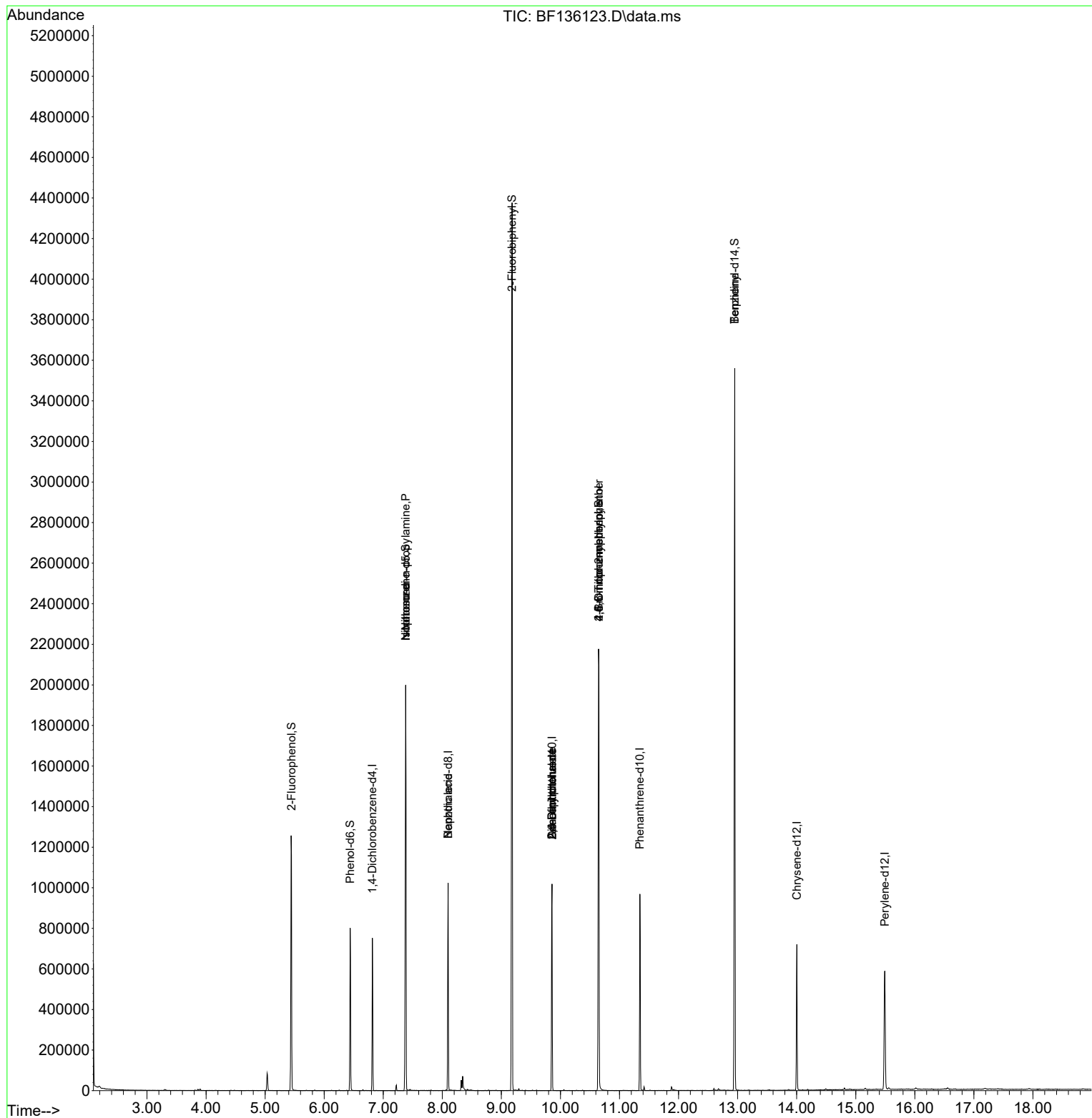
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	103294	20.000	ng	-0.01
21) Naphthalene-d8	8.098	136	398676	20.000	ng	# 0.00
39) Acenaphthene-d10	9.857	164	200130	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	341929	20.000	ng	-0.01
76) Chrysene-d12	14.004	240	224697	20.000	ng	-0.01
86) Perylene-d12	15.492	264	281746	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	351838	53.525	ng	0.00
7) Phenol-d6	6.439	99	252379	30.816	ng	-0.02
23) Nitrobenzene-d5	7.381	82	673500	101.838	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	299692	140.296	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1240179	98.784	ng	0.00
79) Terphenyl-d14	12.951	244	1247981	86.312	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.381	70	89397	19.104	ng	# 79
25) Isophorone	7.381	82	673492	53.942	ng	# 64
32) Benzoic acid	8.098	122	59	5.126	ng	# 1
50) Dimethylphthalate	9.857	163	41143	3.117	ng	# 1
51) 2,6-Dinitrotoluene	9.857	165	25943	9.189	ng	# 28
57) 2,4-Dinitrotoluene	9.857	165	25943	7.262	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.651	198	682	6.110	ng	# 1
67) 4-Bromophenyl-phenylether	10.651	248	18763	5.234	ng	# 1
77) Benzidine	12.951	184	15131	3.455	ng	# 95

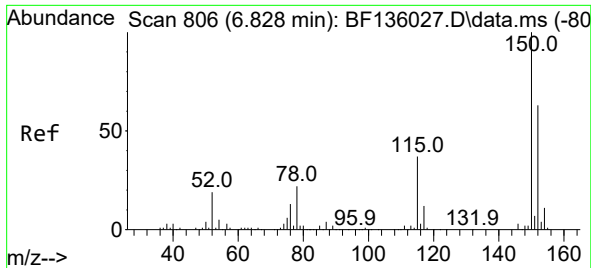
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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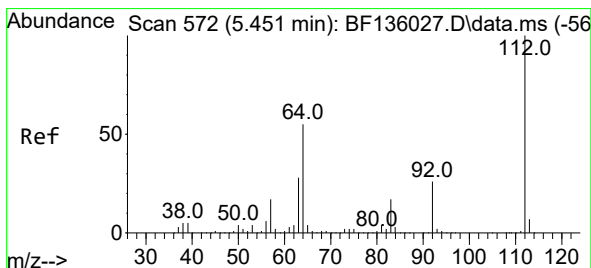
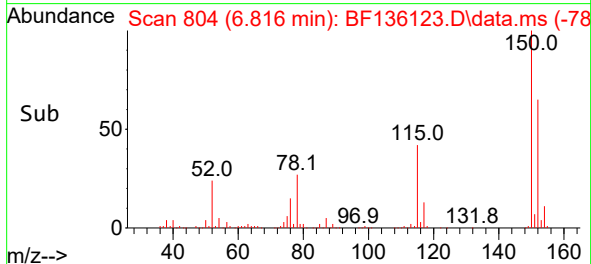
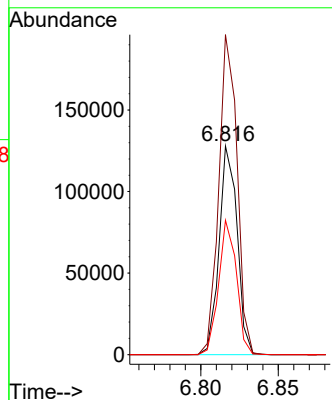
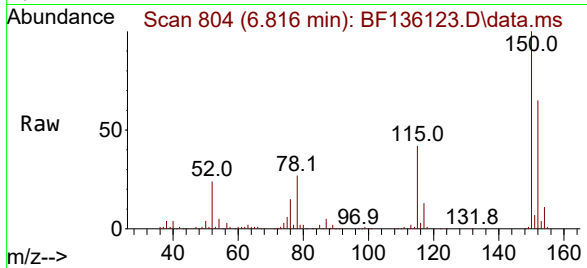




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF136123.D
Acq: 03 Nov 2023 14:38

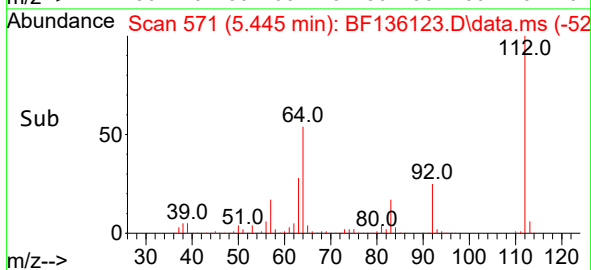
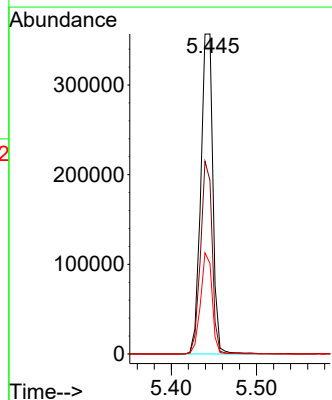
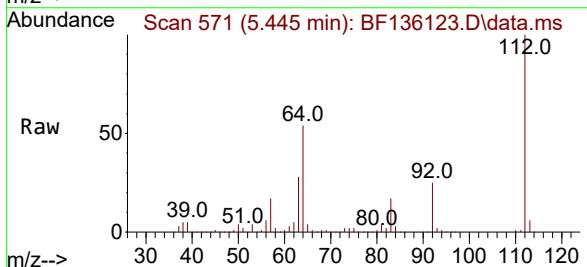
Instrument :
BNA_F
ClientSampleId :
FB

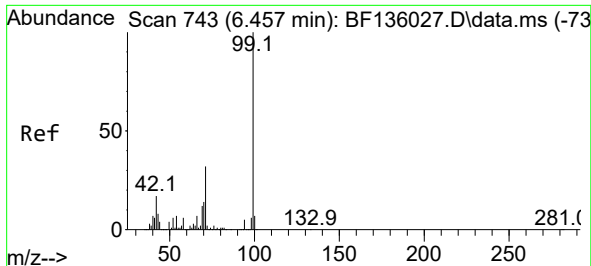
Tgt Ion:152 Resp: 103294
Ion Ratio Lower Upper
152 100
150 153.4 126.4 189.6
115 64.4 47.0 70.4



#5
2-Fluorophenol
Concen: 53.525 ng
RT: 5.445 min Scan# 571
Delta R.T. -0.006 min
Lab File: BF136123.D
Acq: 03 Nov 2023 14:38

Tgt Ion:112 Resp: 351838
Ion Ratio Lower Upper
112 100
64 54.2 43.9 65.9
63 28.3 22.4 33.6

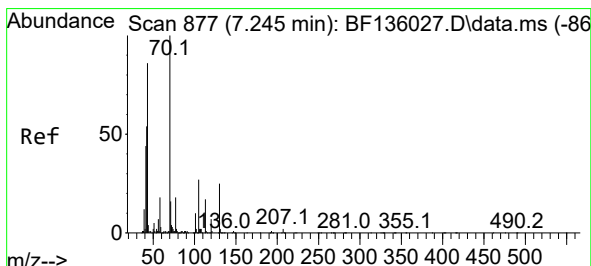
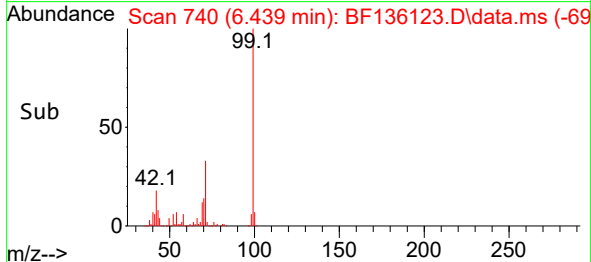
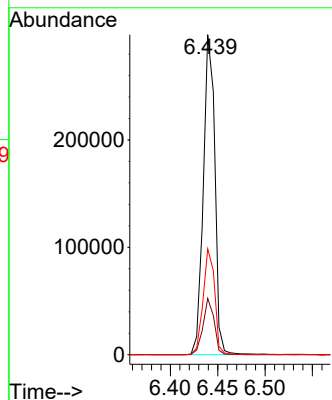
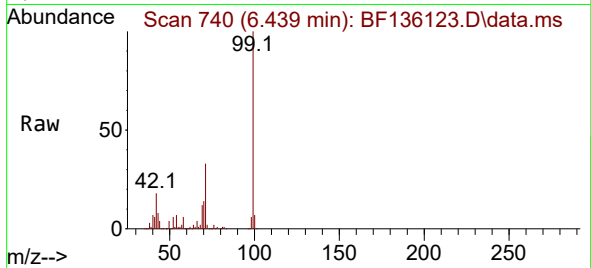




#7
Phenol-d6
Concen: 30.816 ng
RT: 6.439 min Scan# 743
Delta R.T. -0.018 min
Lab File: BF136123.D
Acq: 03 Nov 2023 14:38

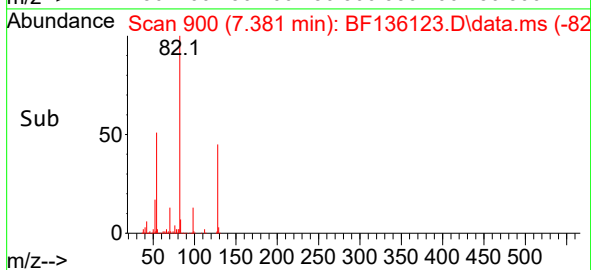
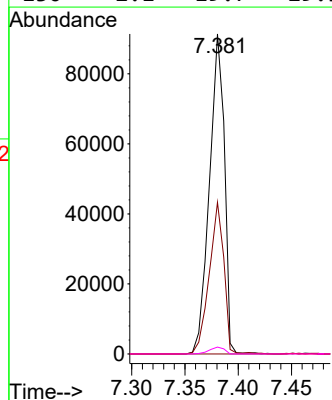
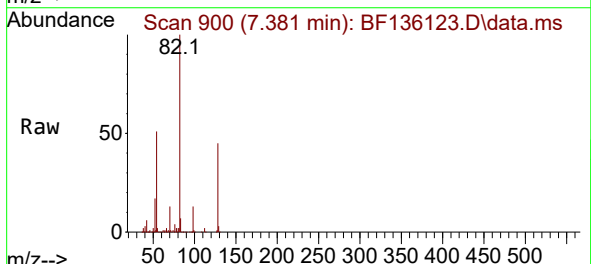
Instrument :
BNA_F
ClientSampleId :
FB

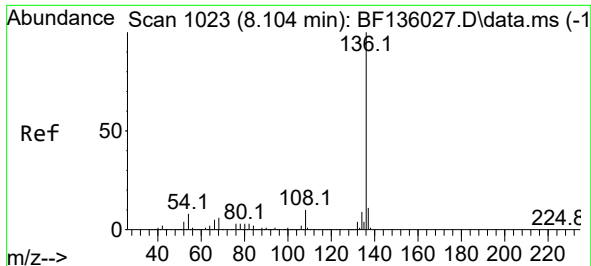
Tgt Ion: 99 Resp: 252379
Ion Ratio Lower Upper
99 100
42 17.6 13.7 20.5
71 33.0 25.9 38.9



#19
n-Nitroso-di-n-propylamine
Concen: 19.104 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.135 min
Lab File: BF136123.D
Acq: 03 Nov 2023 14:38

Tgt Ion: 70 Resp: 89397
Ion Ratio Lower Upper
70 100
42 47.4 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# 1

Delta R.T. -0.006 min

Lab File: BF136123.D

Acq: 03 Nov 2023 14:38

Instrument :

BNA_F

ClientSampleId :

FB

Tgt Ion:136 Resp: 398676

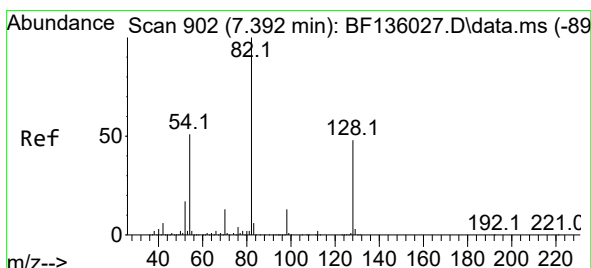
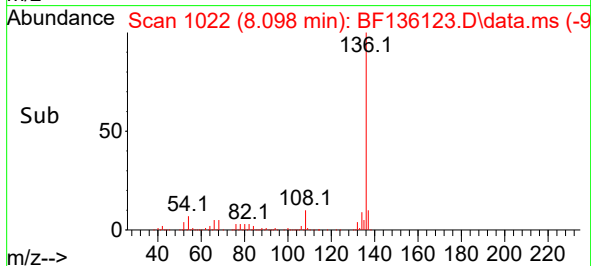
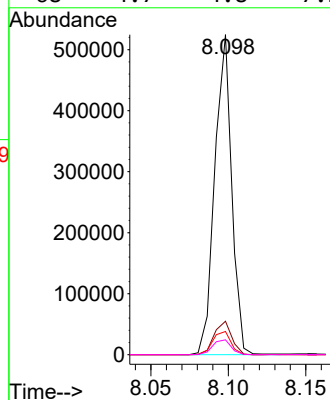
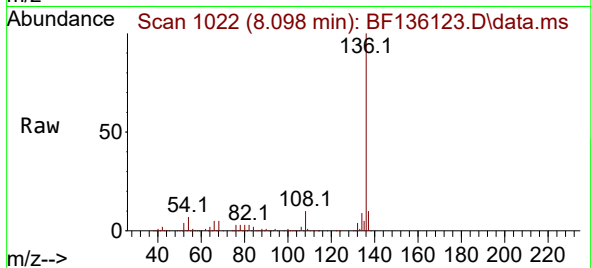
Ion Ratio Lower Upper

136 100

137 10.4 8.6 13.0

54 7.2 6.6 9.8

68 4.7 4.8 7.2#



#23

Nitrobenzene-d5

Concen: 101.838 ng

RT: 7.381 min Scan# 900

Delta R.T. -0.012 min

Lab File: BF136123.D

Acq: 03 Nov 2023 14:38

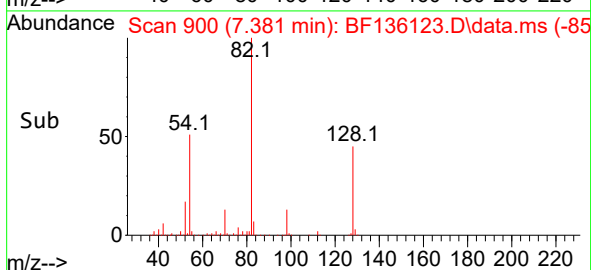
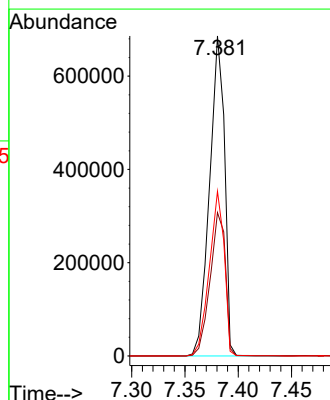
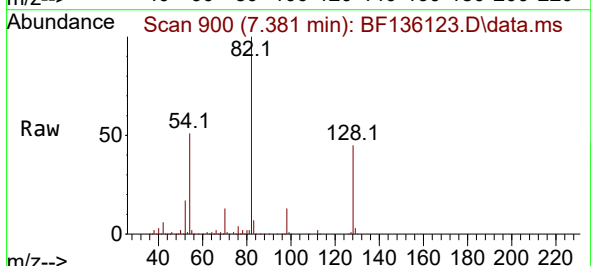
Tgt Ion: 82 Resp: 673500

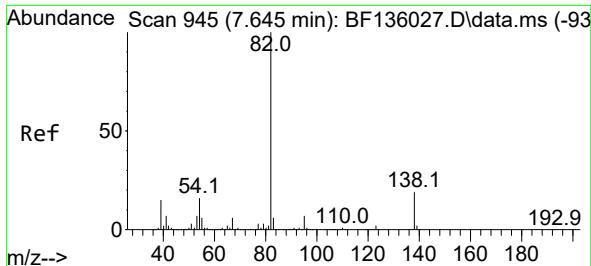
Ion Ratio Lower Upper

82 100

128 44.8 38.6 57.8

54 51.4 40.8 61.2

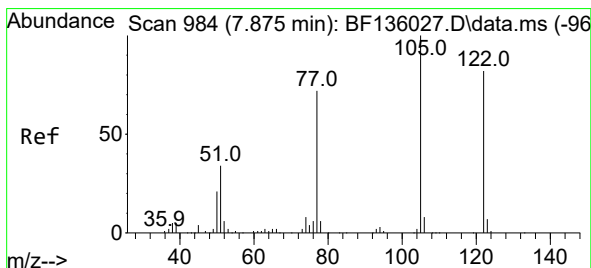
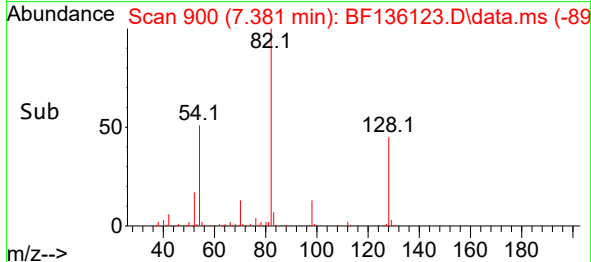
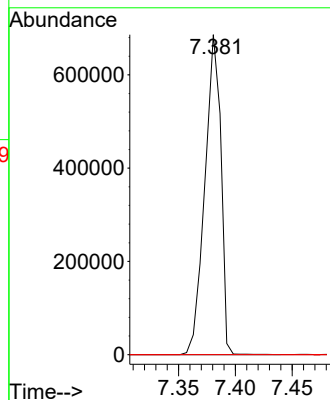
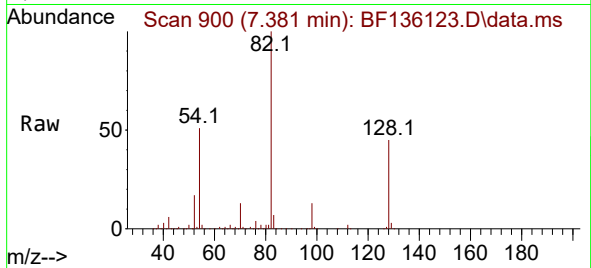




#25
Isophorone
Concen: 53.942 ng
RT: 7.381 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF136123.D
Acq: 03 Nov 2023 14:38

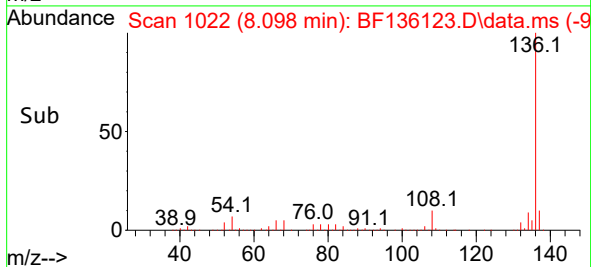
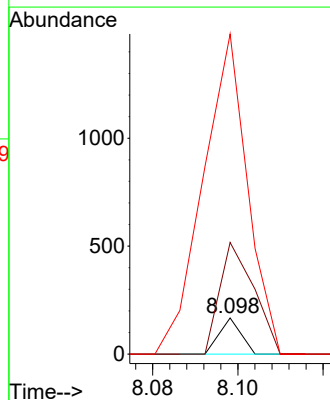
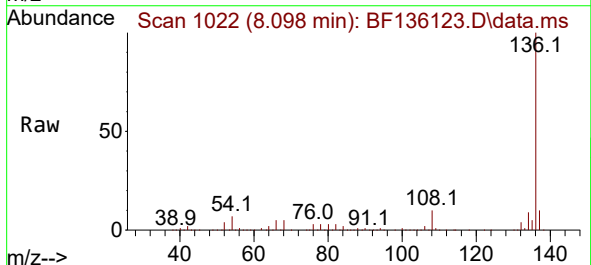
Instrument :
BNA_F
ClientSampleId :
FB

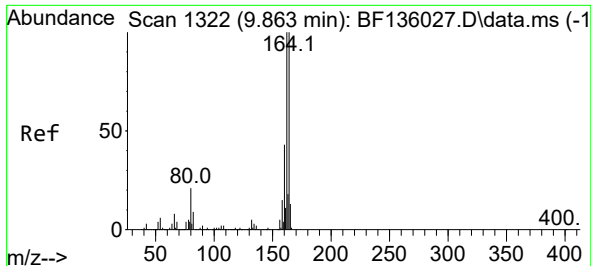
Tgt Ion: 82 Resp: 673492
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 15.3 22.9#



#32
Benzoic acid
Concen: 5.126 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.223 min
Lab File: BF136123.D
Acq: 03 Nov 2023 14:38

Tgt Ion:122 Resp: 59
Ion Ratio Lower Upper
122 100
105 309.6 99.5 139.5#
77 888.0 66.8 106.8#

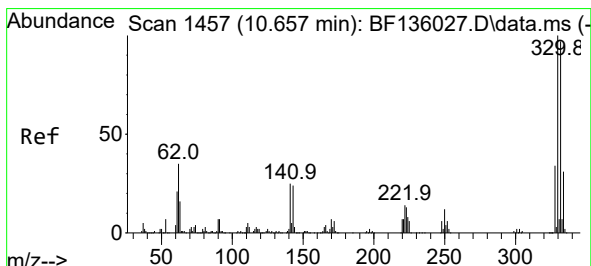
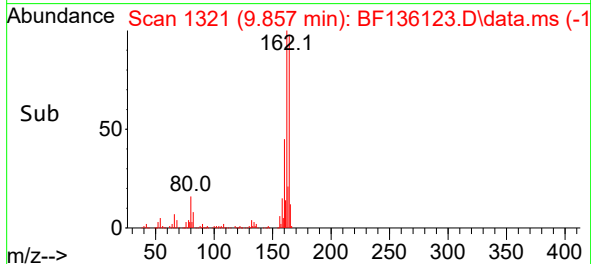
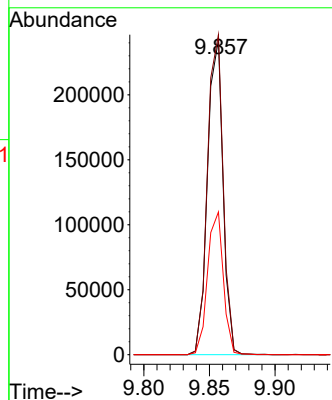
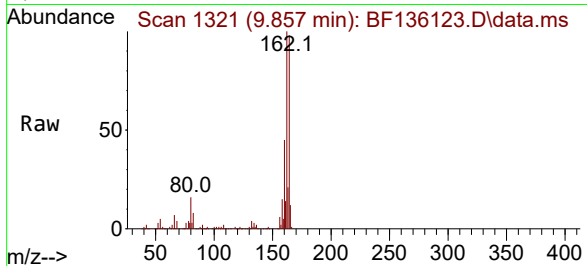




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136123.D
Acq: 03 Nov 2023 14:38

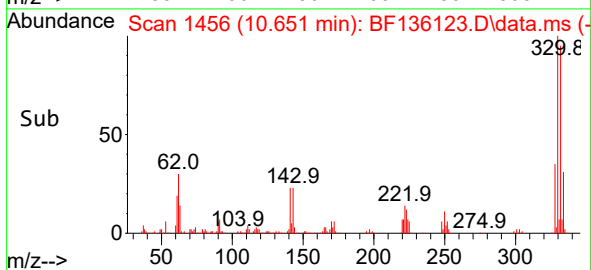
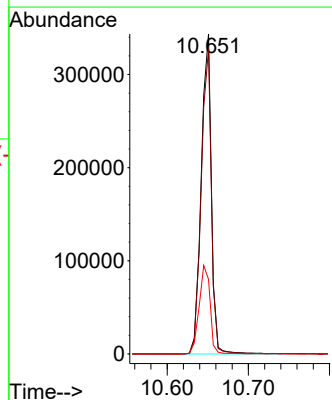
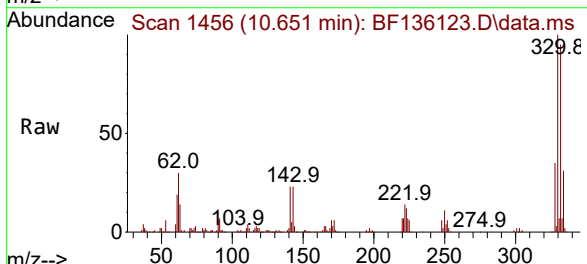
Instrument :
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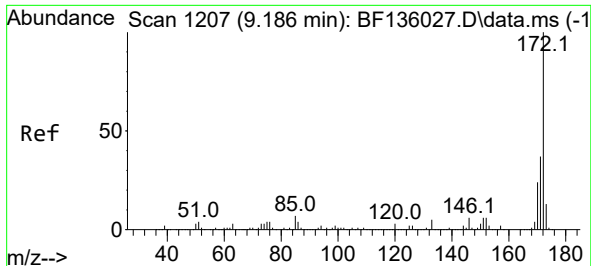
Tgt Ion:164 Resp: 200130
Ion Ratio Lower Upper
164 100
162 101.7 80.1 120.1
160 45.3 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 140.296 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF136123.D
Acq: 03 Nov 2023 14:38

Tgt Ion:330 Resp: 299692
Ion Ratio Lower Upper
330 100
332 94.9 76.9 115.3
141 29.8 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 98.784 ng

RT: 9.180 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136123.D

Acq: 03 Nov 2023 14:38

Instrument :

BNA_F

ClientSampleId :

FB

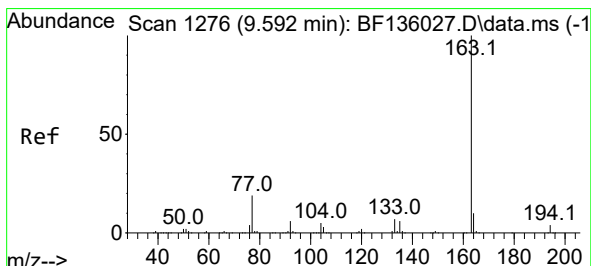
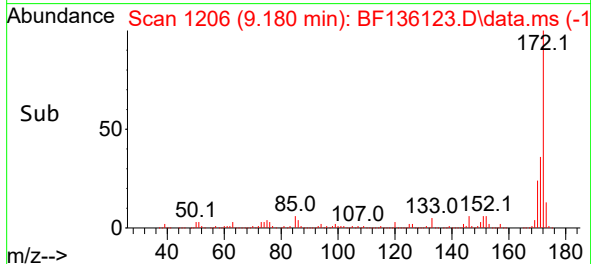
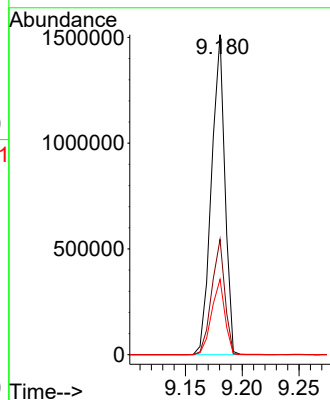
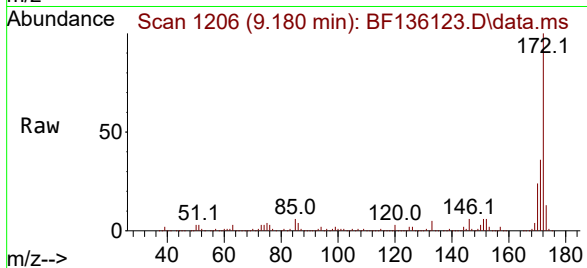
Tgt Ion:172 Resp: 1240179

Ion Ratio Lower Upper

172 100

171 36.1 29.4 44.0

170 23.5 19.3 28.9



#50

Dimethylphthalate

Concen: 3.117 ng

RT: 9.857 min Scan# 1321

Delta R.T. 0.265 min

Lab File: BF136123.D

Acq: 03 Nov 2023 14:38

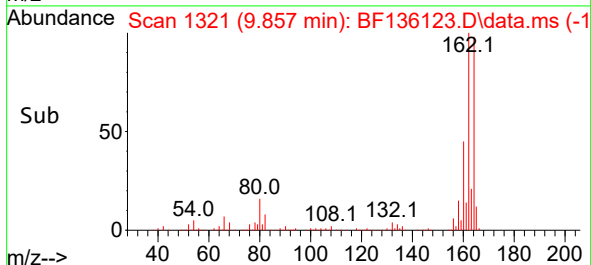
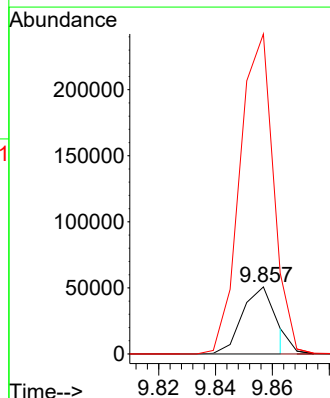
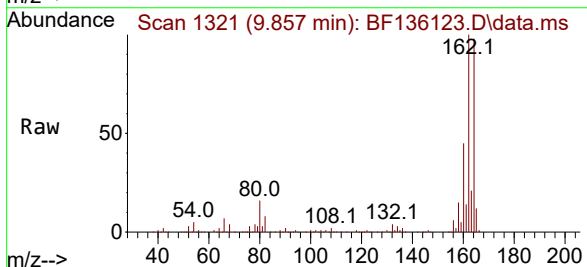
Tgt Ion:163 Resp: 41143

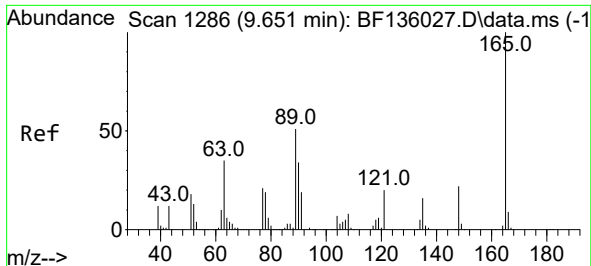
Ion Ratio Lower Upper

163 100

194 0.0 3.2 4.8#

164 476.9 8.1 12.1#

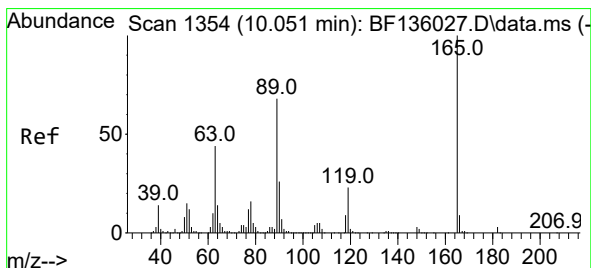
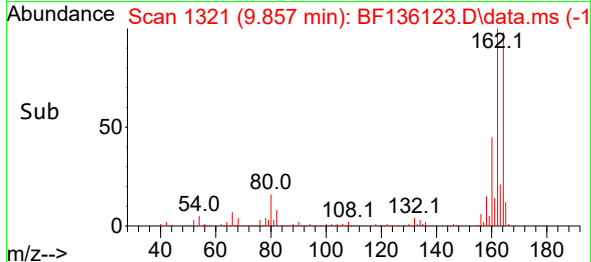
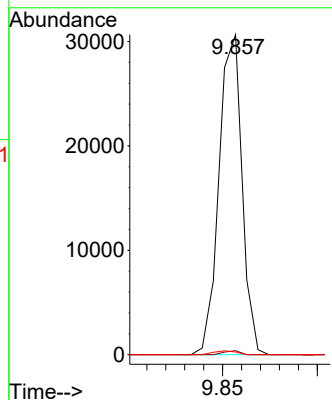
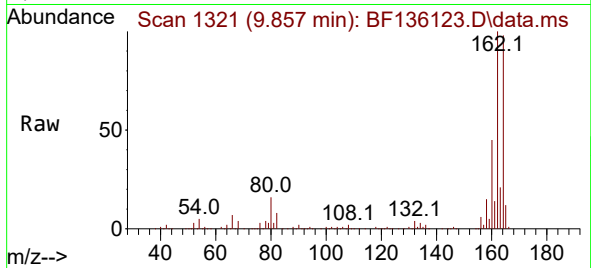




#51
2,6-Dinitrotoluene
Concen: 9.189 ng
RT: 9.857 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF136123.D
Acq: 03 Nov 2023 14:38

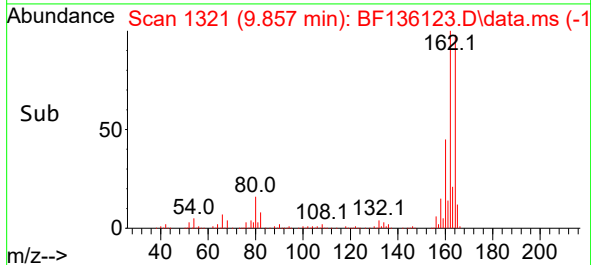
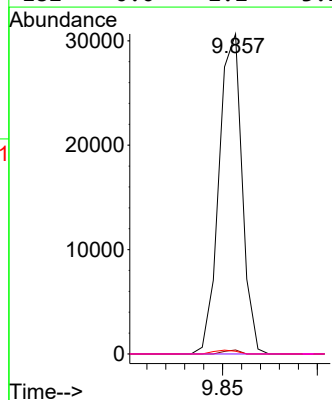
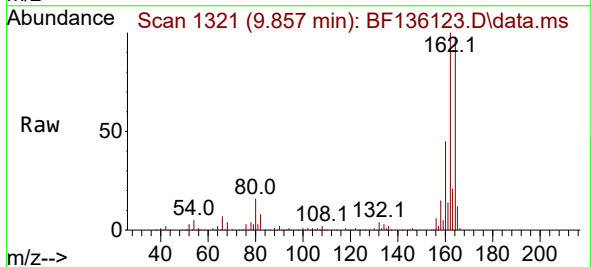
Instrument :
BNA_F
ClientSampleId :
FB

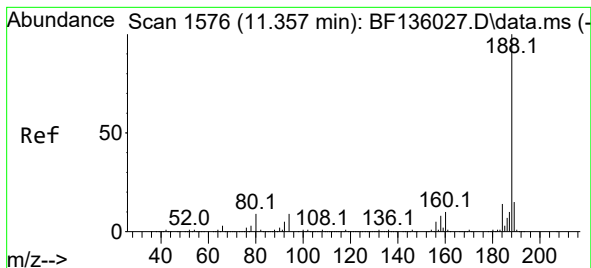
Tgt Ion:165 Resp: 25943
Ion Ratio Lower Upper
165 100
63 1.3 40.8 61.2#
89 0.9 41.1 61.7#



#57
2,4-Dinitrotoluene
Concen: 7.262 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF136123.D
Acq: 03 Nov 2023 14:38

Tgt Ion:165 Resp: 25943
Ion Ratio Lower Upper
165 100
63 1.3 35.2 52.8#
89 0.9 54.8 82.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.345 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136123.D

Acq: 03 Nov 2023 14:38

Instrument :

BNA_F

ClientSampleId :

FB

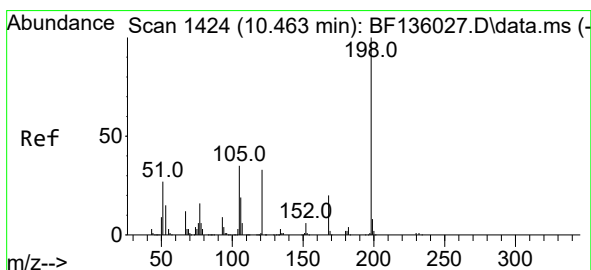
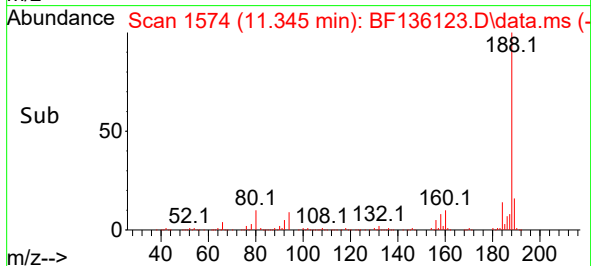
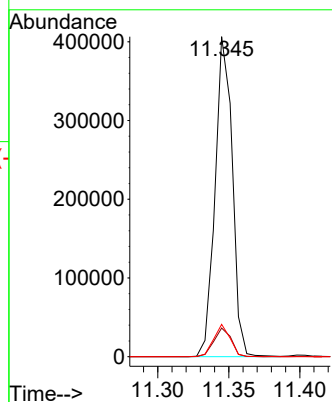
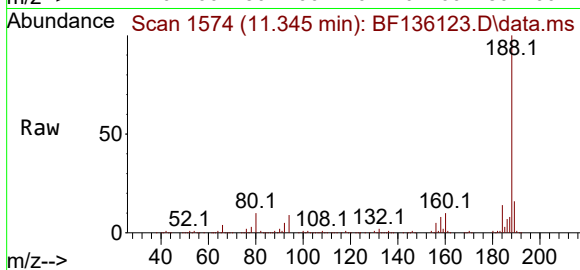
Tgt Ion:188 Resp: 341929

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

80 10.1 7.4 11.0



#65

4,6-Dinitro-2-methylphenol

Concen: 6.110 ng

RT: 10.651 min Scan# 1456

Delta R.T. 0.188 min

Lab File: BF136123.D

Acq: 03 Nov 2023 14:38

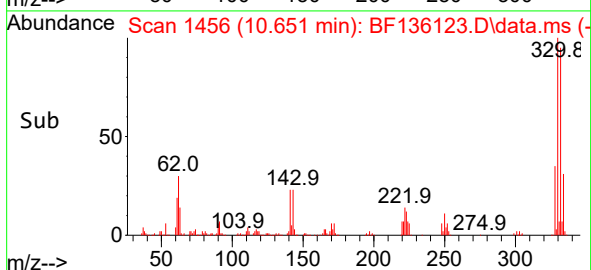
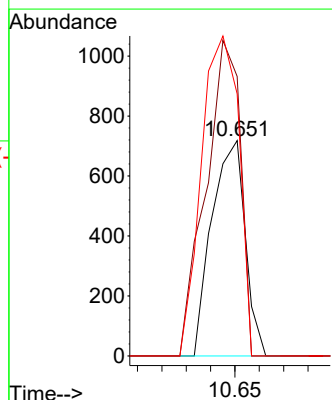
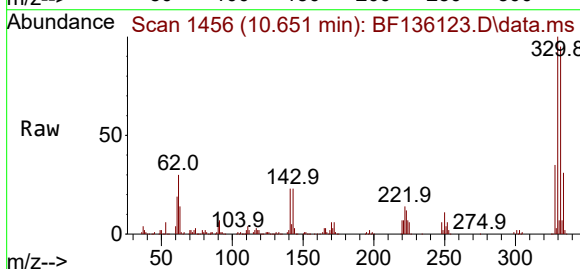
Tgt Ion:198 Resp: 682

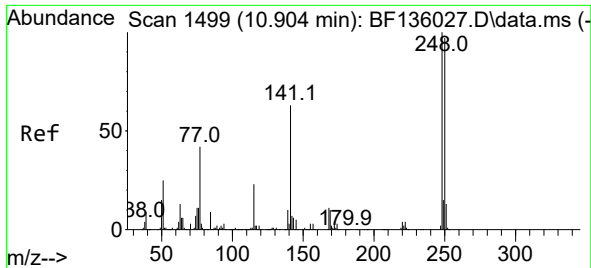
Ion Ratio Lower Upper

198 100

51 129.8 12.9 52.9#

105 121.7 16.0 56.0#

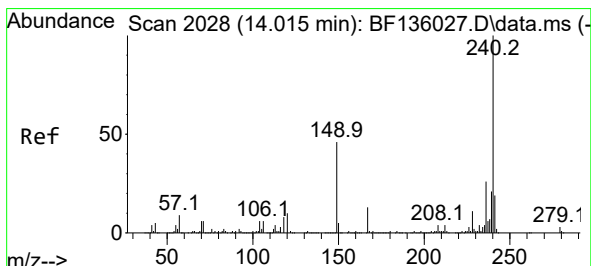
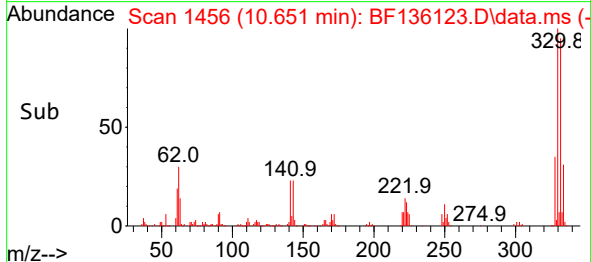
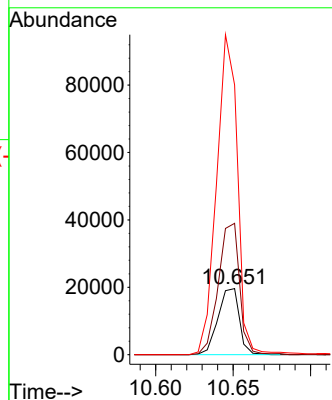
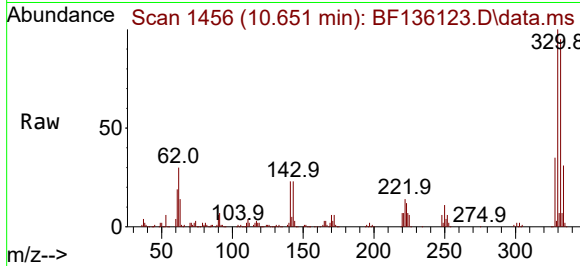




#67
4-Bromophenyl-phenylether
Concen: 5.234 ng
RT: 10.651 min Scan# 1499
Delta R.T. -0.253 min
Lab File: BF136123.D
Acq: 03 Nov 2023 14:38

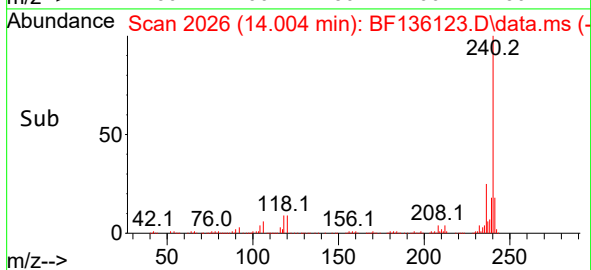
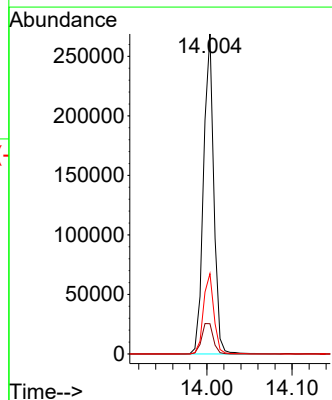
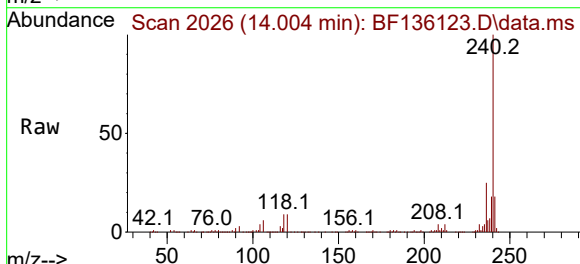
Instrument :
BNA_F
ClientSampleId :
FB

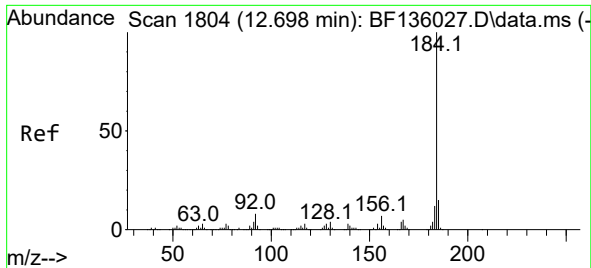
Tgt Ion:248 Resp: 18763
Ion Ratio Lower Upper
248 100
250 198.9 77.6 116.4#
141 408.6 50.4 75.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.012 min
Lab File: BF136123.D
Acq: 03 Nov 2023 14:38

Tgt Ion:240 Resp: 224697
Ion Ratio Lower Upper
240 100
120 9.5 7.6 11.4
236 25.1 20.6 31.0

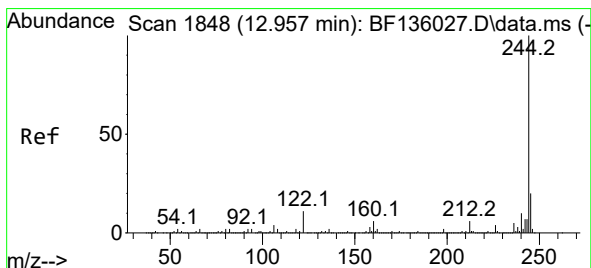
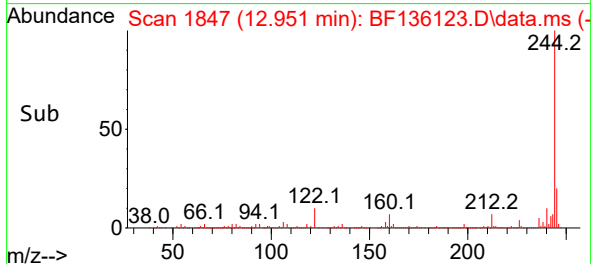
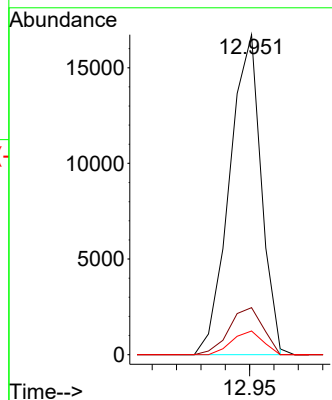
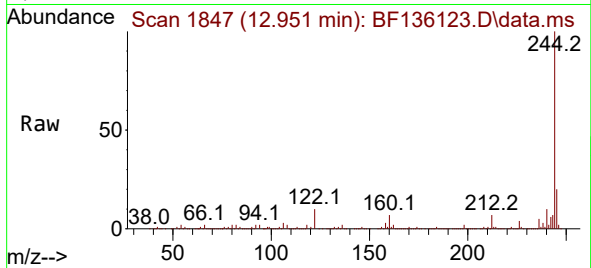




#77
Benzidine
Concen: 3.455 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.253 min
Lab File: BF136123.D
Acq: 03 Nov 2023 14:38

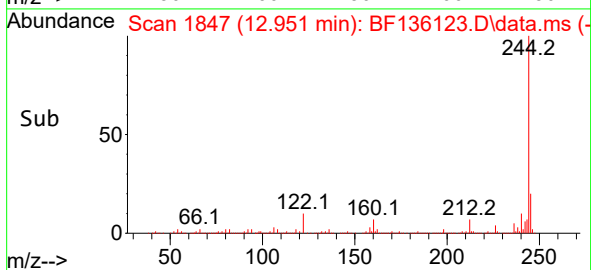
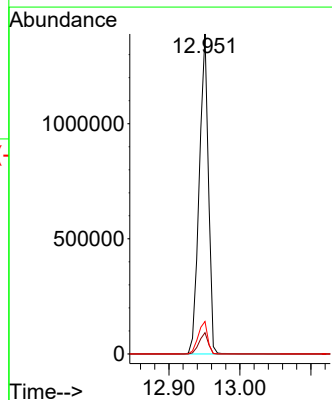
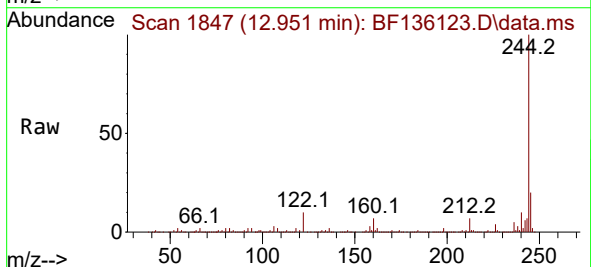
Instrument :
BNA_F
ClientSampleId :
FB

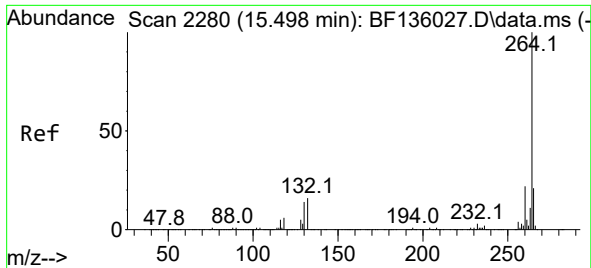
Tgt Ion:184 Resp: 15131
Ion Ratio Lower Upper
184 100
185 14.7 11.8 17.8
183 7.4 9.5 14.3#



#79
Terphenyl-d14
Concen: 86.312 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BF136123.D
Acq: 03 Nov 2023 14:38

Tgt Ion:244 Resp: 1247981
Ion Ratio Lower Upper
244 100
212 6.7 5.1 7.7
122 10.2 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: BF136123.D
Acq: 03 Nov 2023 14:38

Instrument :
BNA_F
ClientSampleId :
FB

Tgt Ion:264 Resp: 281746
Ion Ratio Lower Upper
264 100
260 23.6 17.9 26.9
265 22.1 16.8 25.2

