

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110323\
 Data File : BF136115.D
 Acq On : 03 Nov 2023 10:29
 Operator : CG\JU
 Sample : PB156791BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156791BL

Quant Time: Nov 04 00:05:24 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)

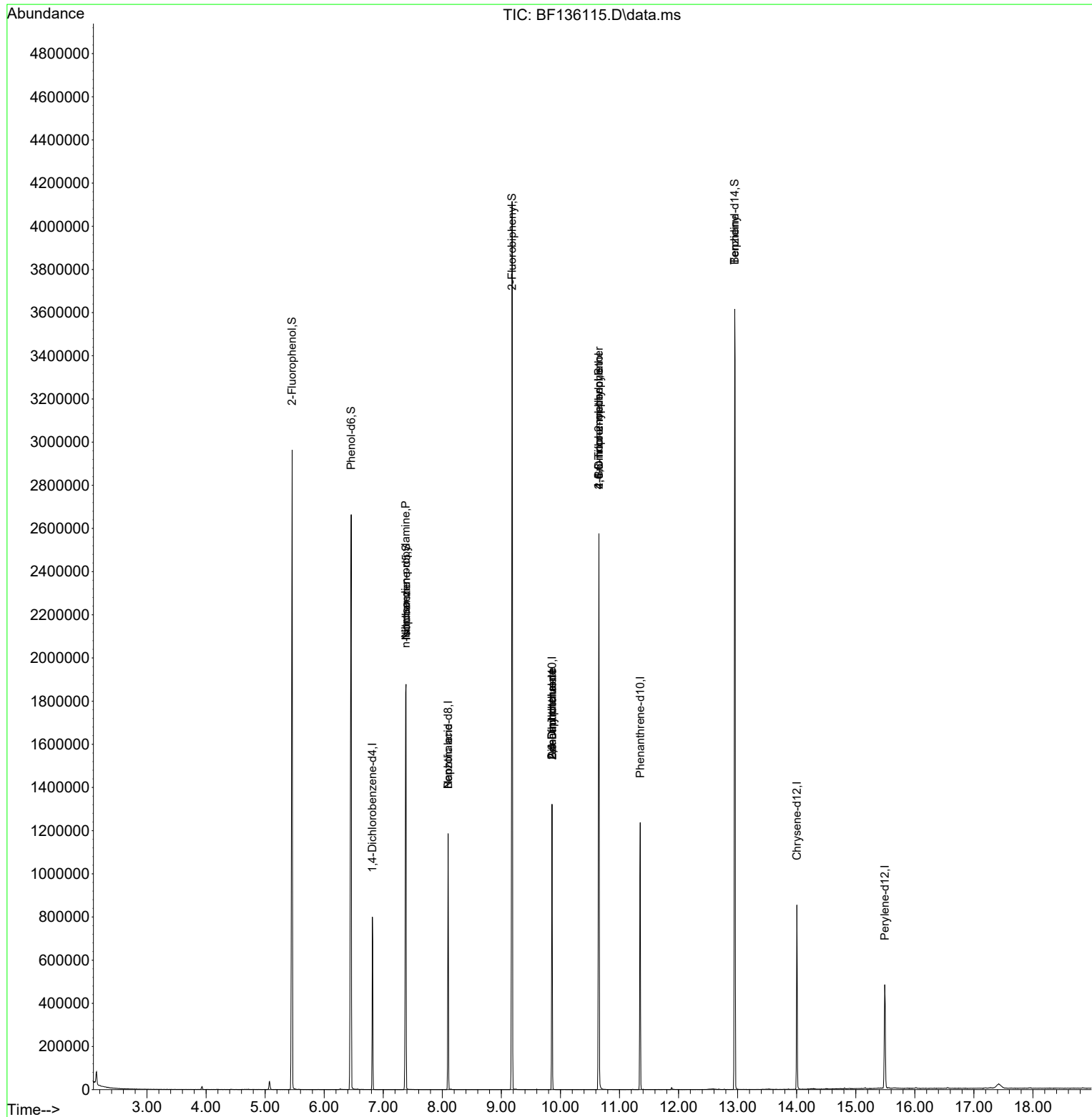
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	113107	20.000	ng	-0.01
21) Naphthalene-d8	8.098	136	448490	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	234586	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	431837	20.000	ng	0.00
76) Chrysene-d12	14.004	240	264046	20.000	ng	-0.01
86) Perylene-d12	15.492	264	221829	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	870200	120.898	ng	0.00
7) Phenol-d6	6.457	99	1050620	117.151	ng	0.00
23) Nitrobenzene-d5	7.386	82	677500	91.064	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	314109	125.447	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1253283	85.165	ng	0.00
79) Terphenyl-d14	12.951	244	1425705	83.909	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.381	70	89627	17.491	ng	# 78
25) Isophorone	7.386	82	676001	48.129	ng	# 64
32) Benzoic acid	8.098	122	68	5.126	ng	# 1
50) Dimethylphthalate	9.857	163	46347	2.995	ng	# 1
51) 2,6-Dinitrotoluene	9.857	165	29892	9.032	ng	# 29
57) 2,4-Dinitrotoluene	9.857	165	29892	7.139	ng	# 26
65) 4,6-Dinitro-2-methylph...	10.651	198	634	6.026	ng	# 1
67) 4-Bromophenyl-phenylether	10.651	248	19474	4.301	ng	# 1
77) Benzidine	12.951	184	18194	3.535	ng	# 90

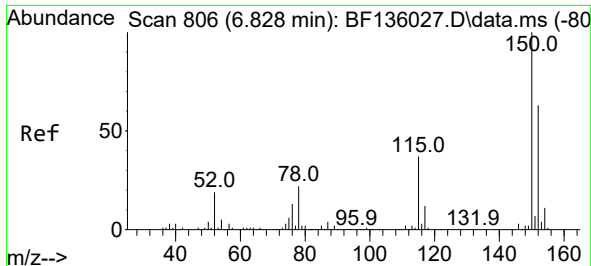
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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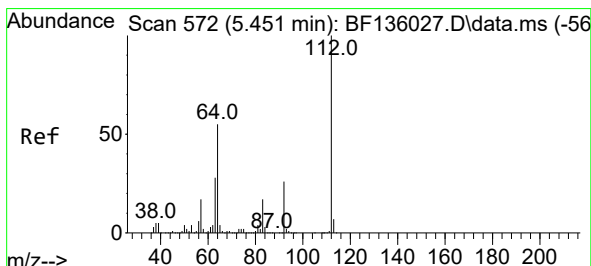
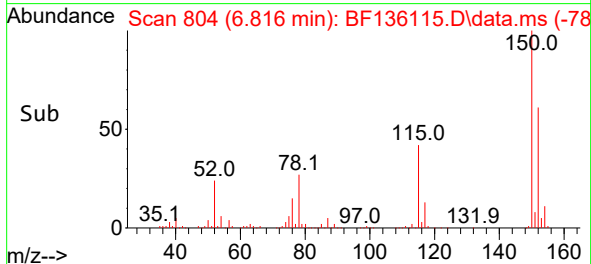
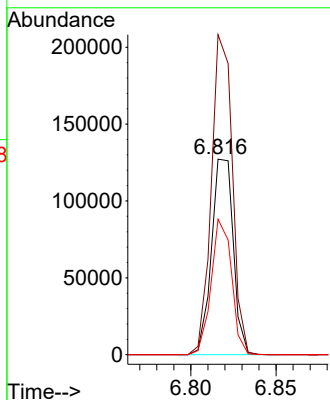
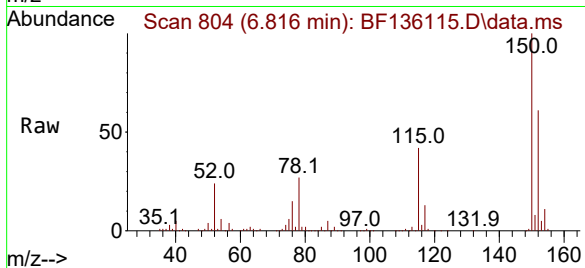




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 806
Delta R.T. -0.012 min
Lab File: BF136115.D
Acq: 03 Nov 2023 10:29

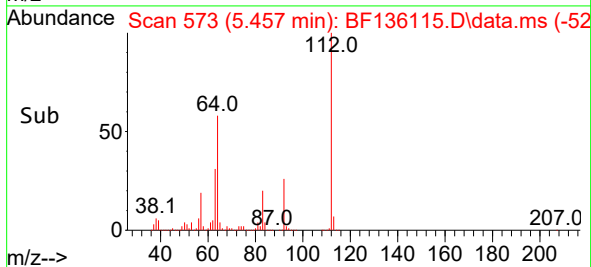
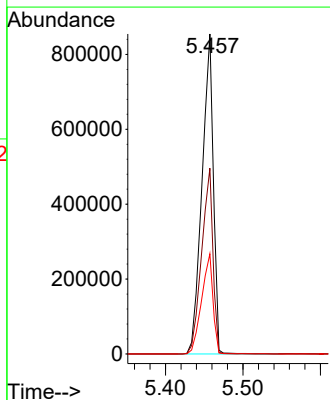
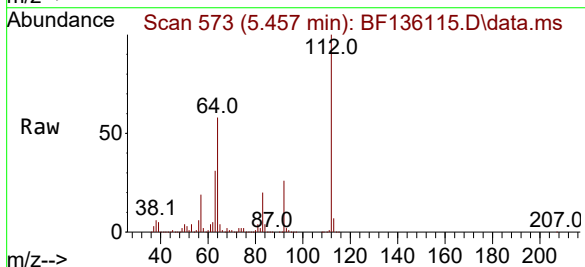
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BNA_F
ClientSampleId :
PB156791BL

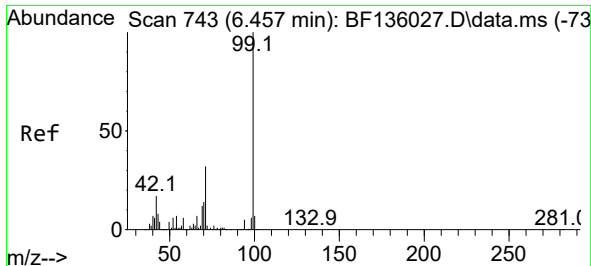
Tgt Ion:152 Resp: 113107
Ion Ratio Lower Upper
152 100
150 163.6 126.4 189.6
115 69.3 47.0 70.4



#5
2-Fluorophenol
Concen: 120.898 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.006 min
Lab File: BF136115.D
Acq: 03 Nov 2023 10:29

Tgt Ion:112 Resp: 870200
Ion Ratio Lower Upper
112 100
64 58.1 43.9 65.9
63 31.3 22.4 33.6

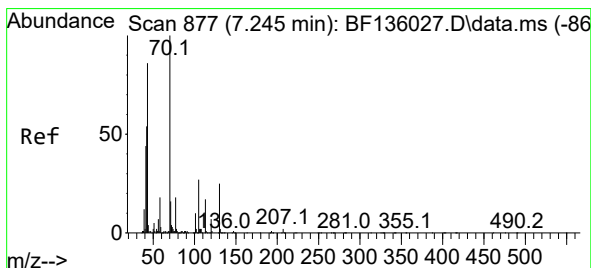
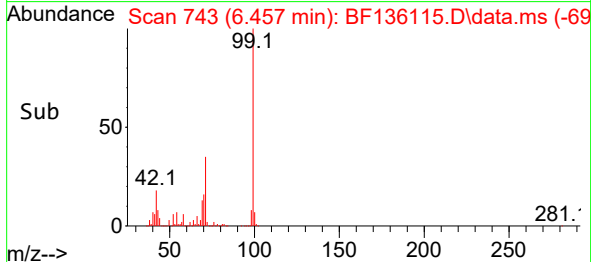
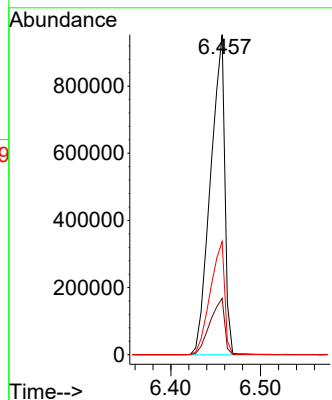
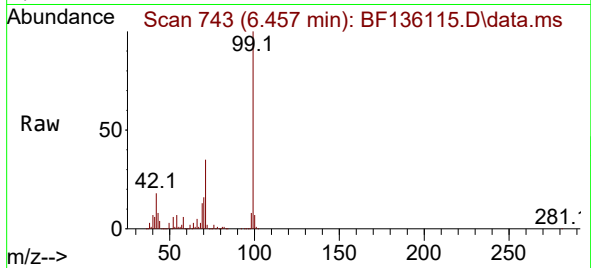




#7
Phenol-d6
Concen: 117.151 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF136115.D
Acq: 03 Nov 2023 10:29

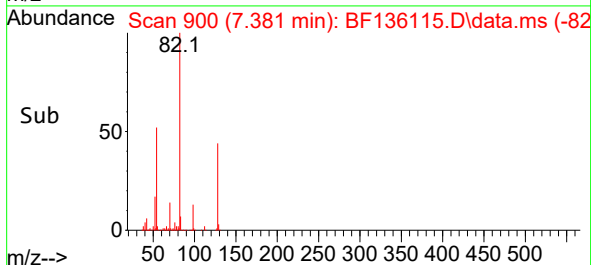
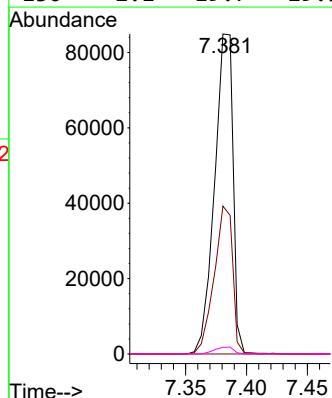
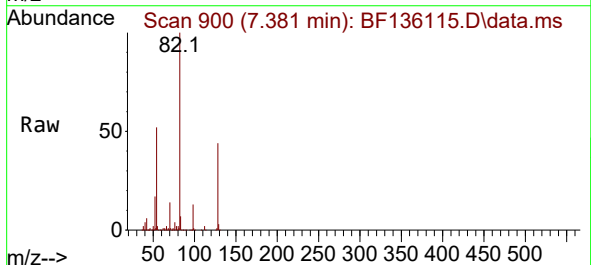
Instrument :
BNA_F
ClientSampleId :
PB156791BL

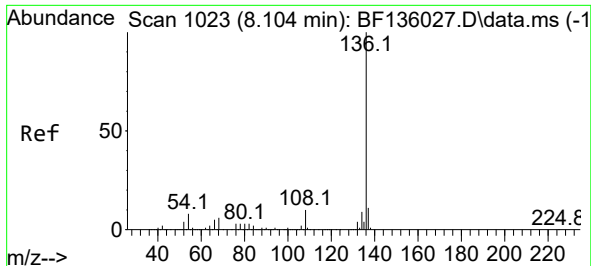
Tgt Ion: 99 Resp: 1050620
Ion Ratio Lower Upper
99 100
42 17.6 13.7 20.5
71 35.4 25.9 38.9



#19
n-Nitroso-di-n-propylamine
Concen: 17.491 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.135 min
Lab File: BF136115.D
Acq: 03 Nov 2023 10:29

Tgt Ion: 70 Resp: 89627
Ion Ratio Lower Upper
70 100
42 46.2 43.0 64.4
101 0.0 8.0 12.0#
130 2.1 19.7 29.5#



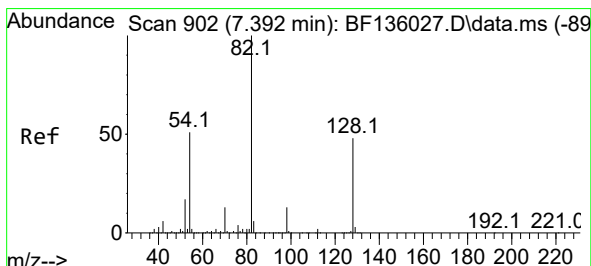
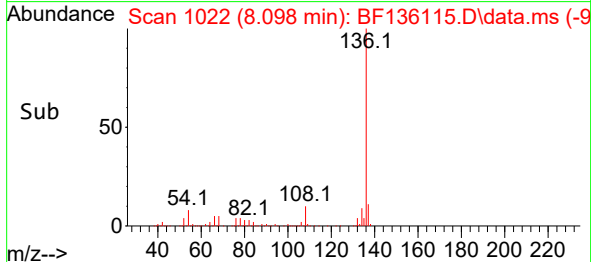
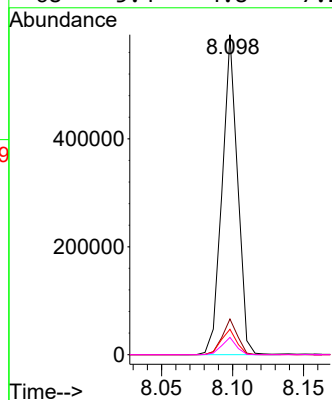
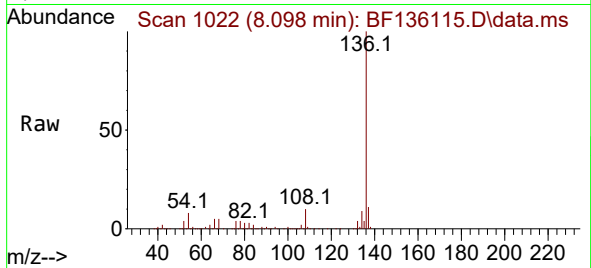


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF136115.D
Acq: 03 Nov 2023 10:29

Instrument :
BNA_F
ClientSampleId :
PB156791BL

Tgt Ion:136 Resp: 448490

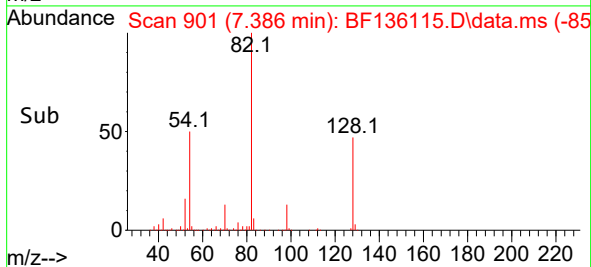
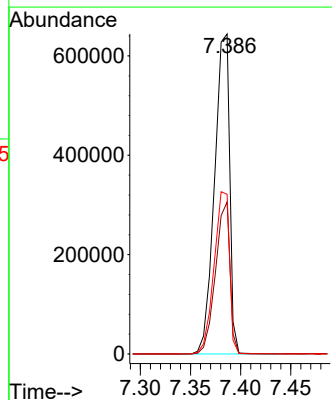
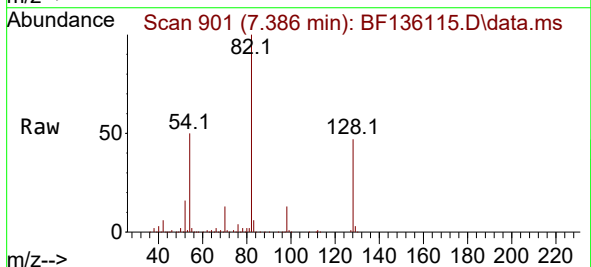
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	8.0	6.6	9.8
68	5.4	4.8	7.2

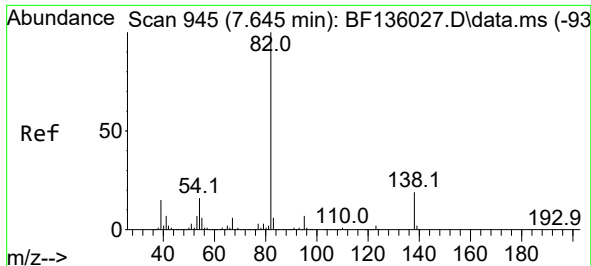


#23
Nitrobenzene-d5
Concen: 91.064 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF136115.D
Acq: 03 Nov 2023 10:29

Tgt Ion: 82 Resp: 677500

Ion	Ratio	Lower	Upper
82	100		
128	47.5	38.6	57.8
54	49.9	40.8	61.2

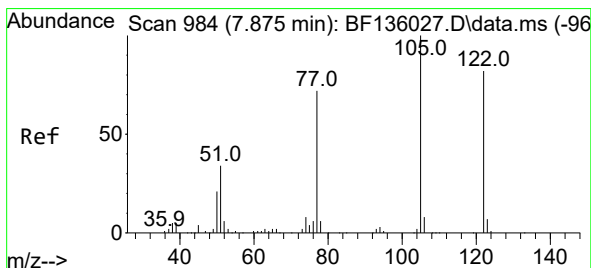
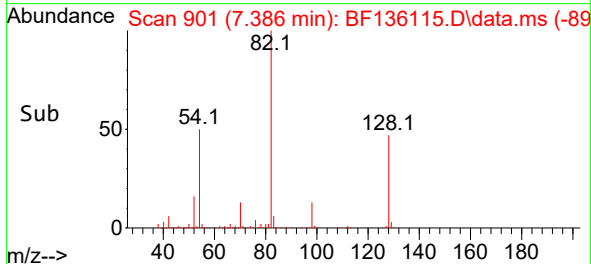
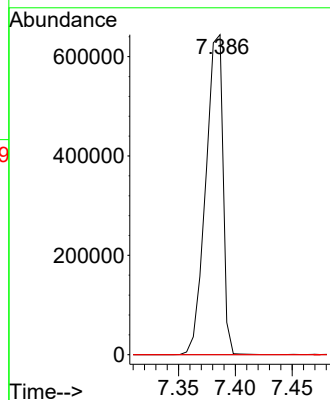
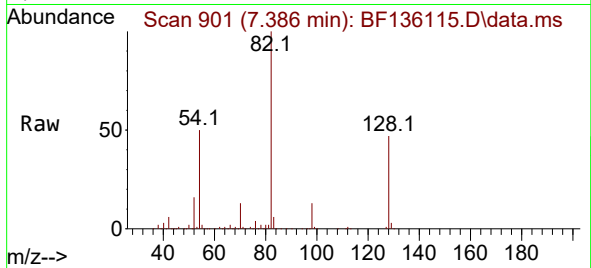




#25
Isophorone
Concen: 48.129 ng
RT: 7.386 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF136115.D
Acq: 03 Nov 2023 10:29

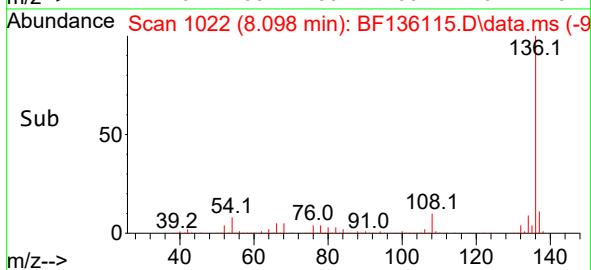
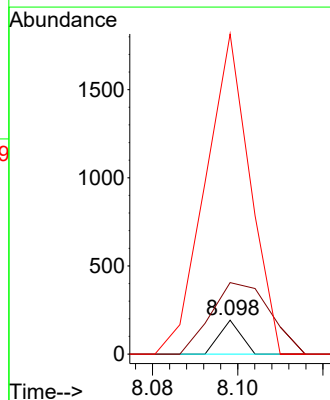
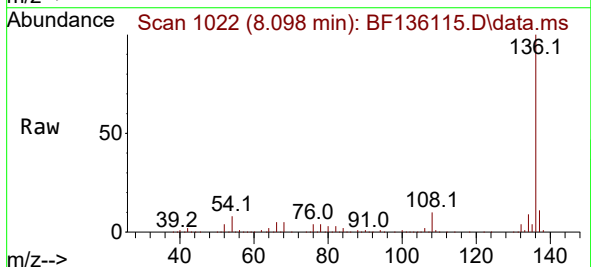
Instrument :
BNA_F
ClientSampleId :
PB156791BL

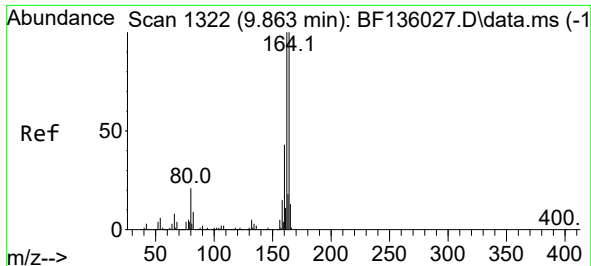
Tgt Ion: 82 Resp: 676001
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 15.3 22.9#



#32
Benzoic acid
Concen: 5.126 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.223 min
Lab File: BF136115.D
Acq: 03 Nov 2023 10:29

Tgt Ion:122 Resp: 68
Ion Ratio Lower Upper
122 100
105 210.9 99.5 139.5#
77 945.8 66.8 106.8#

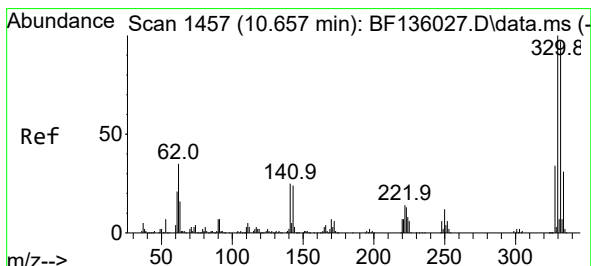
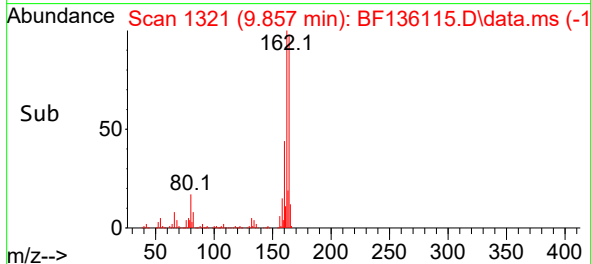
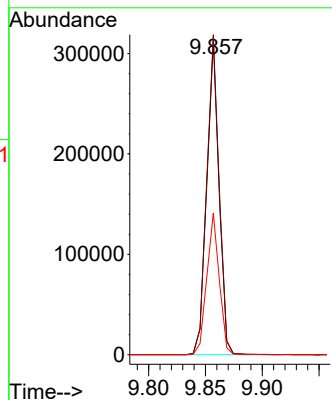
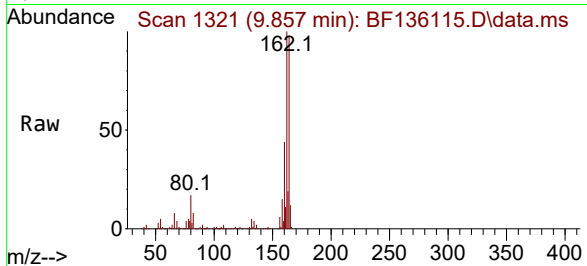




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136115.D
Acq: 03 Nov 2023 10:29

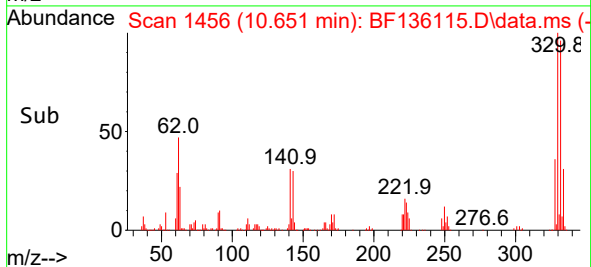
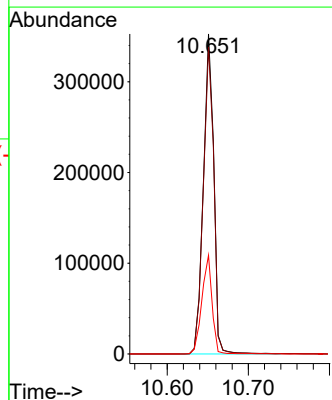
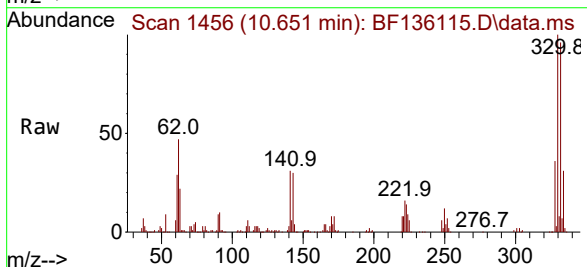
Instrument :
BNA_F
ClientSampleId :
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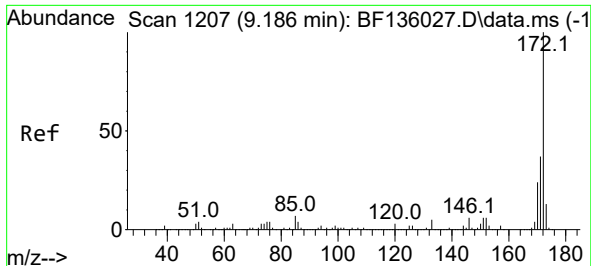
Tgt Ion:164 Resp: 234586
Ion Ratio Lower Upper
164 100
162 101.8 80.1 120.1
160 45.1 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 125.447 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF136115.D
Acq: 03 Nov 2023 10:29

Tgt Ion:330 Resp: 314109
Ion Ratio Lower Upper
330 100
332 97.0 76.9 115.3
141 30.5 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 85.165 ng

RT: 9.180 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136115.D

Acq: 03 Nov 2023 10:29

Instrument :

BNA_F

ClientSampleId :

PB156791BL

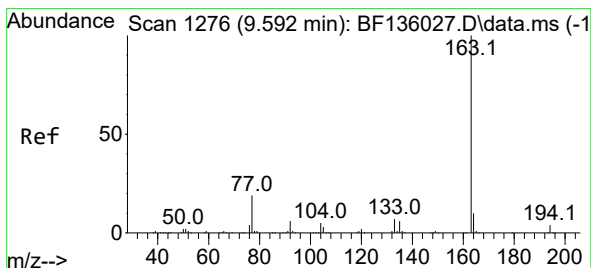
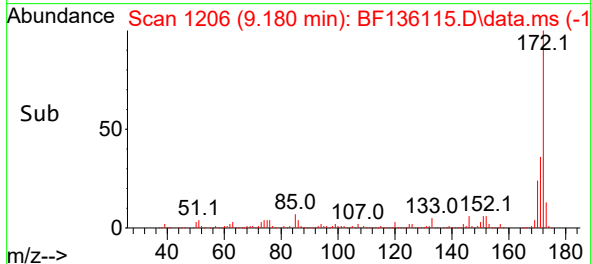
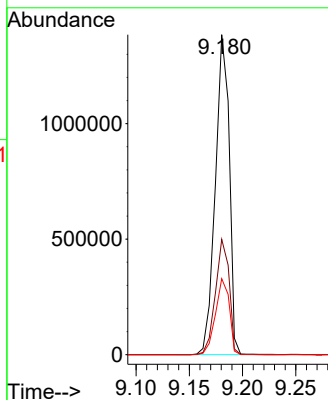
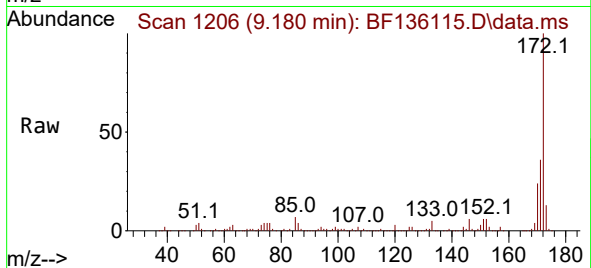
Tgt Ion:172 Resp: 1253283

Ion Ratio Lower Upper

172 100

171 36.1 29.4 44.0

170 23.7 19.3 28.9



#50

Dimethylphthalate

Concen: 2.995 ng

RT: 9.857 min Scan# 1321

Delta R.T. 0.265 min

Lab File: BF136115.D

Acq: 03 Nov 2023 10:29

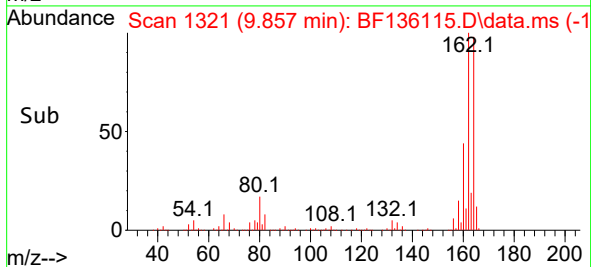
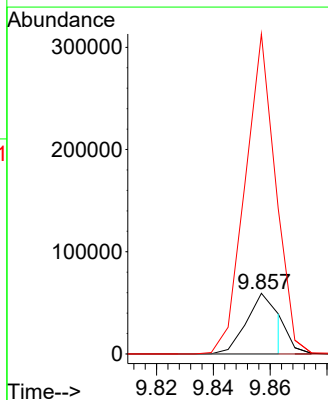
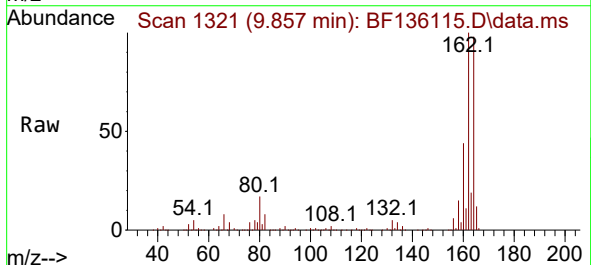
Tgt Ion:163 Resp: 46347

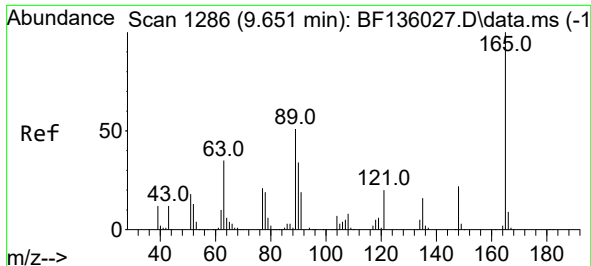
Ion Ratio Lower Upper

163 100

194 0.0 3.2 4.8#

164 528.3 8.1 12.1#

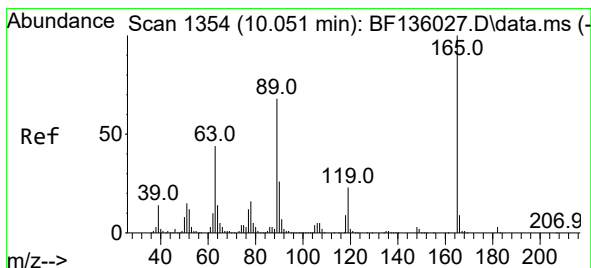
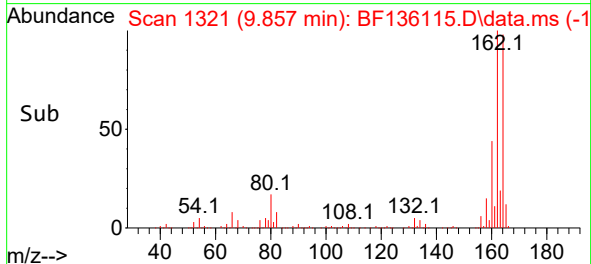
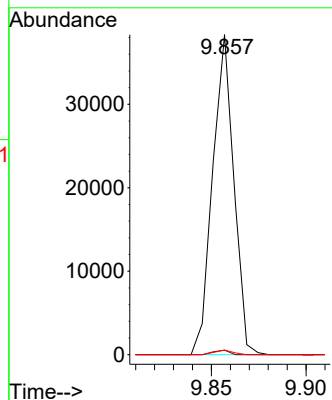
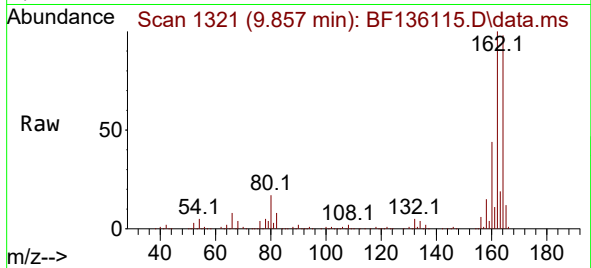




#51
2,6-Dinitrotoluene
Concen: 9.032 ng
RT: 9.857 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF136115.D
Acq: 03 Nov 2023 10:29

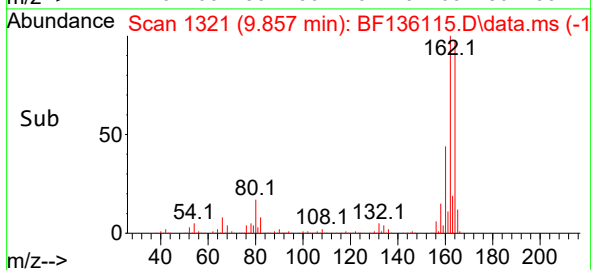
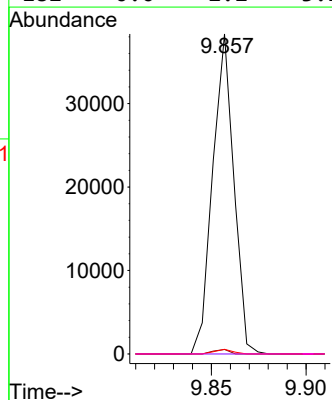
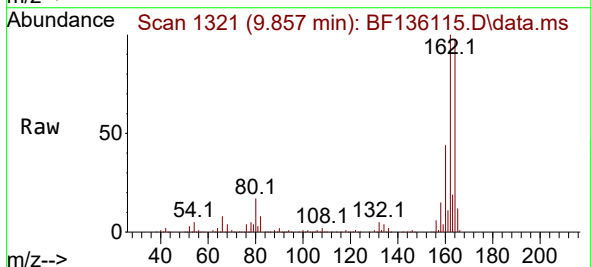
Instrument :
BNA_F
ClientSampleId :
PB156791BL

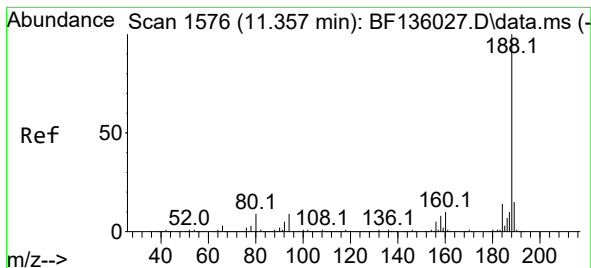
Tgt Ion:165 Resp: 29892
Ion Ratio Lower Upper
165 100
63 1.4 40.8 61.2#
89 1.4 41.1 61.7#



#57
2,4-Dinitrotoluene
Concen: 7.139 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF136115.D
Acq: 03 Nov 2023 10:29

Tgt Ion:165 Resp: 29892
Ion Ratio Lower Upper
165 100
63 1.4 35.2 52.8#
89 1.4 54.8 82.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136115.D

Acq: 03 Nov 2023 10:29

Instrument :

BNA_F

ClientSampleId :

PB156791BL

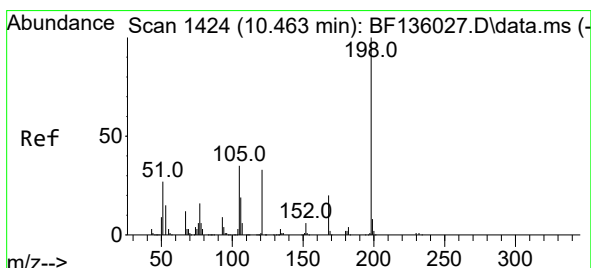
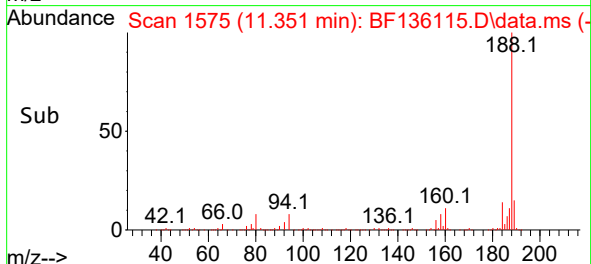
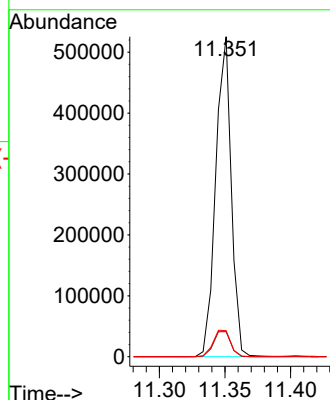
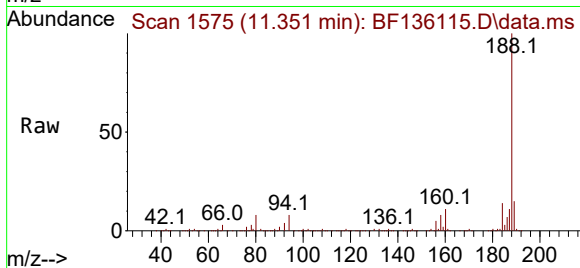
Tgt Ion:188 Resp: 431837

Ion Ratio Lower Upper

188 100

94 7.8 7.2 10.8

80 8.2 7.4 11.0



#65

4,6-Dinitro-2-methylphenol

Concen: 6.026 ng

RT: 10.651 min Scan# 1456

Delta R.T. 0.188 min

Lab File: BF136115.D

Acq: 03 Nov 2023 10:29

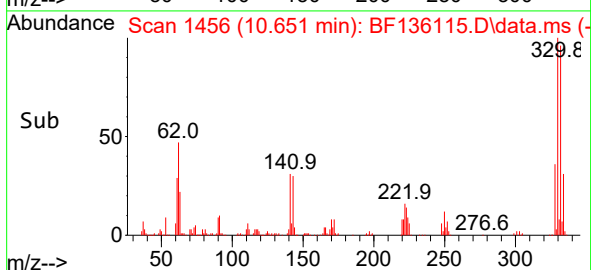
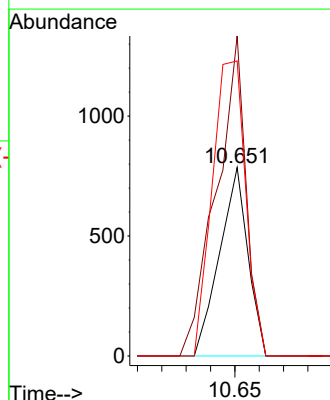
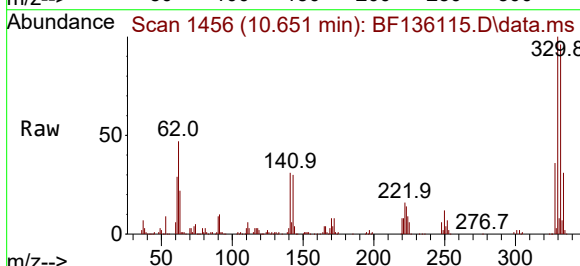
Tgt Ion:198 Resp: 634

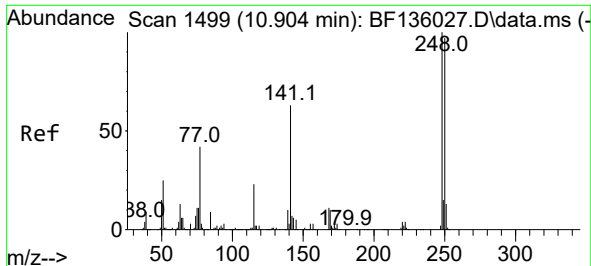
Ion Ratio Lower Upper

198 100

51 169.7 12.9 52.9#

105 156.5 16.0 56.0#

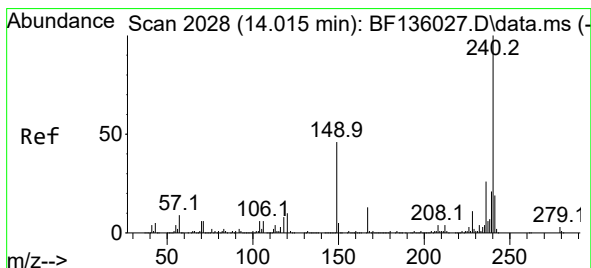
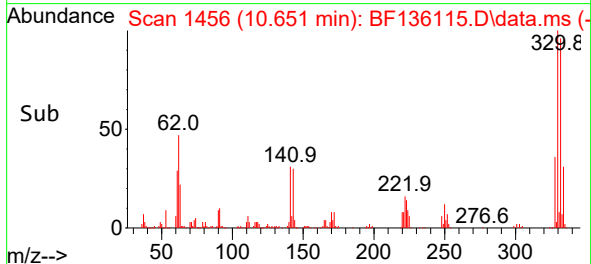
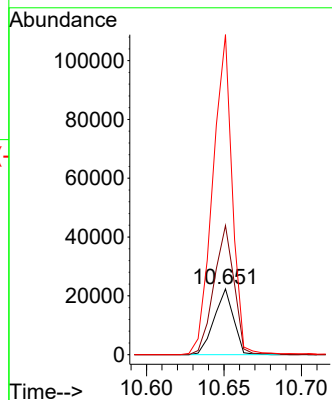
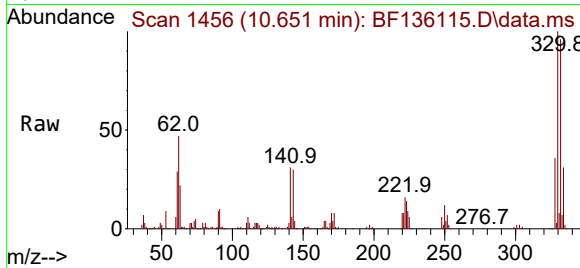




#67
4-Bromophenyl-phenylether
Concen: 4.301 ng
RT: 10.651 min Scan# 1499
Delta R.T. -0.253 min
Lab File: BF136115.D
Acq: 03 Nov 2023 10:29

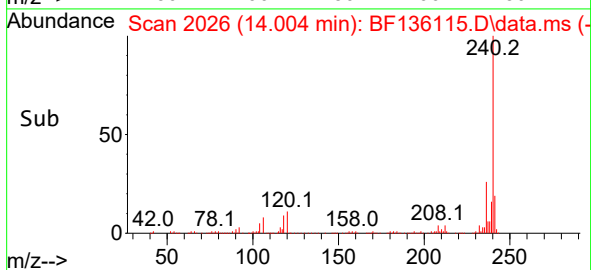
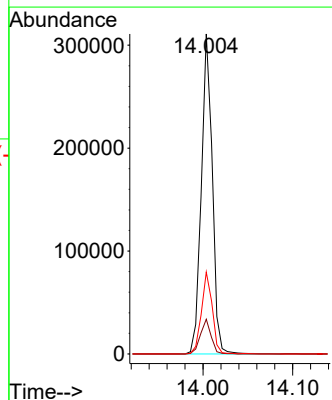
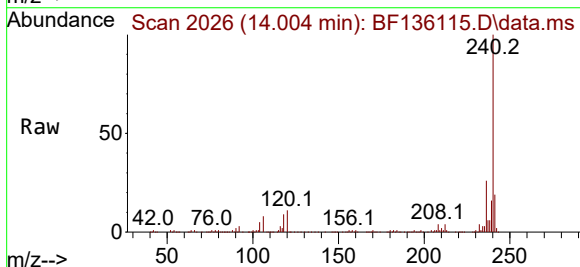
Instrument :
BNA_F
ClientSampleId :
PB156791BL

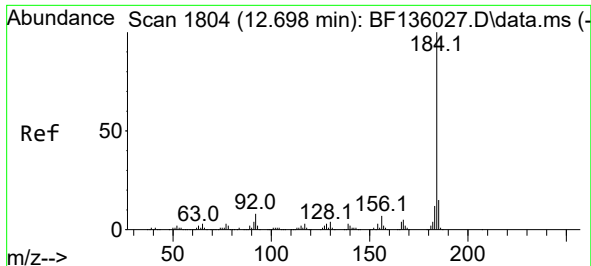
Tgt Ion:248 Resp: 19474
Ion Ratio Lower Upper
248 100
250 196.5 77.6 116.4#
141 486.7 50.4 75.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.012 min
Lab File: BF136115.D
Acq: 03 Nov 2023 10:29

Tgt Ion:240 Resp: 264046
Ion Ratio Lower Upper
240 100
120 10.9 7.6 11.4
236 25.6 20.6 31.0

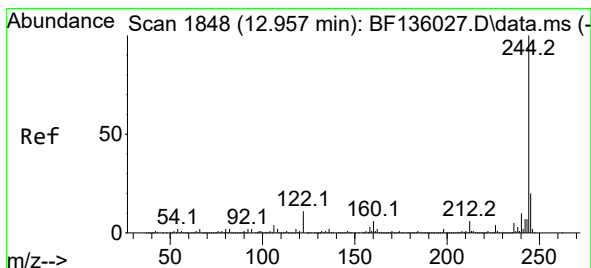
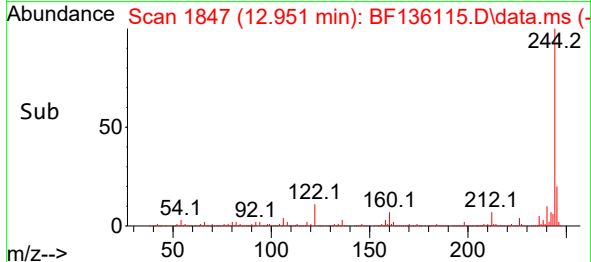
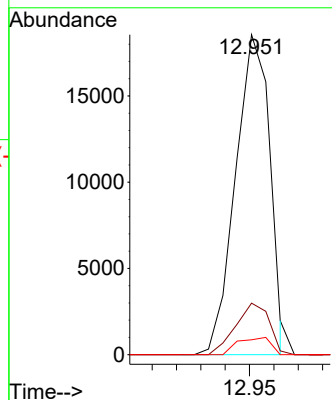
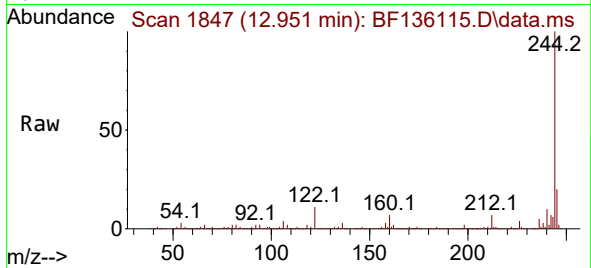




#77
Benzidine
Concen: 3.535 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.253 min
Lab File: BF136115.D
Acq: 03 Nov 2023 10:29

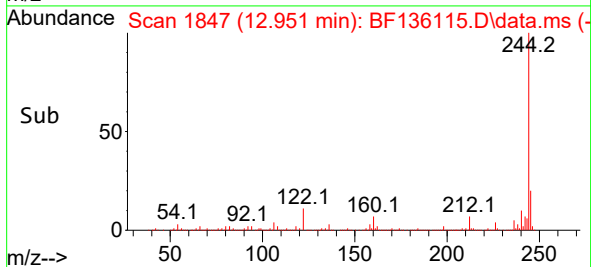
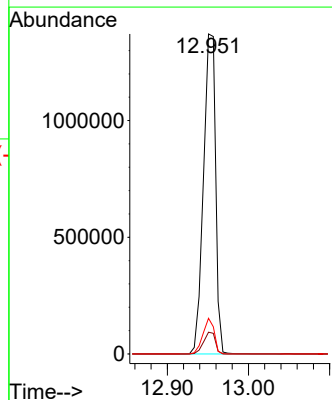
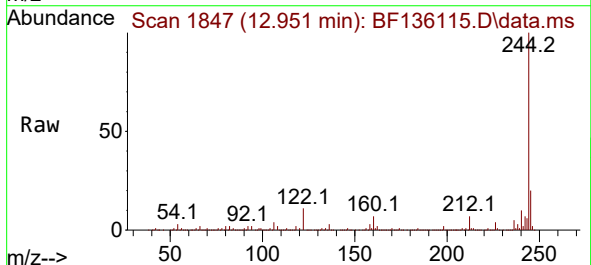
Instrument :
BNA_F
ClientSampleId :
PB156791BL

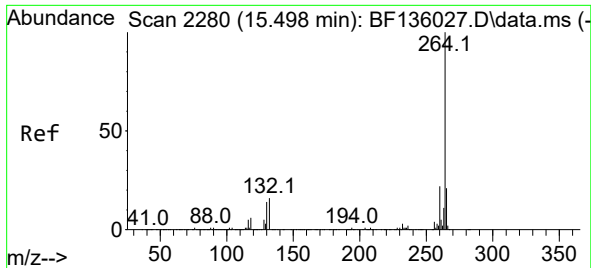
Tgt Ion:184 Resp: 18194
Ion Ratio Lower Upper
184 100
185 16.1 11.8 17.8
183 4.7 9.5 14.3#



#79
Terphenyl-d14
Concen: 83.909 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BF136115.D
Acq: 03 Nov 2023 10:29

Tgt Ion:244 Resp: 1425705
Ion Ratio Lower Upper
244 100
212 6.8 5.1 7.7
122 11.1 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: BF136115.D
Acq: 03 Nov 2023 10:29

Instrument :
BNA_F
ClientSampleId :
PB156791BL

Tgt Ion:264 Resp: 221829
Ion Ratio Lower Upper
264 100
260 23.2 17.9 26.9
265 21.3 16.8 25.2

