

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102823\
 Data File : BF136003.D
 Acq On : 28 Oct 2023 13:57
 Operator : CG\JU
 Sample : PB156387TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156387TB

Quant Time: Oct 30 00:24:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 03:58:01 2023
 Response via : Initial Calibration

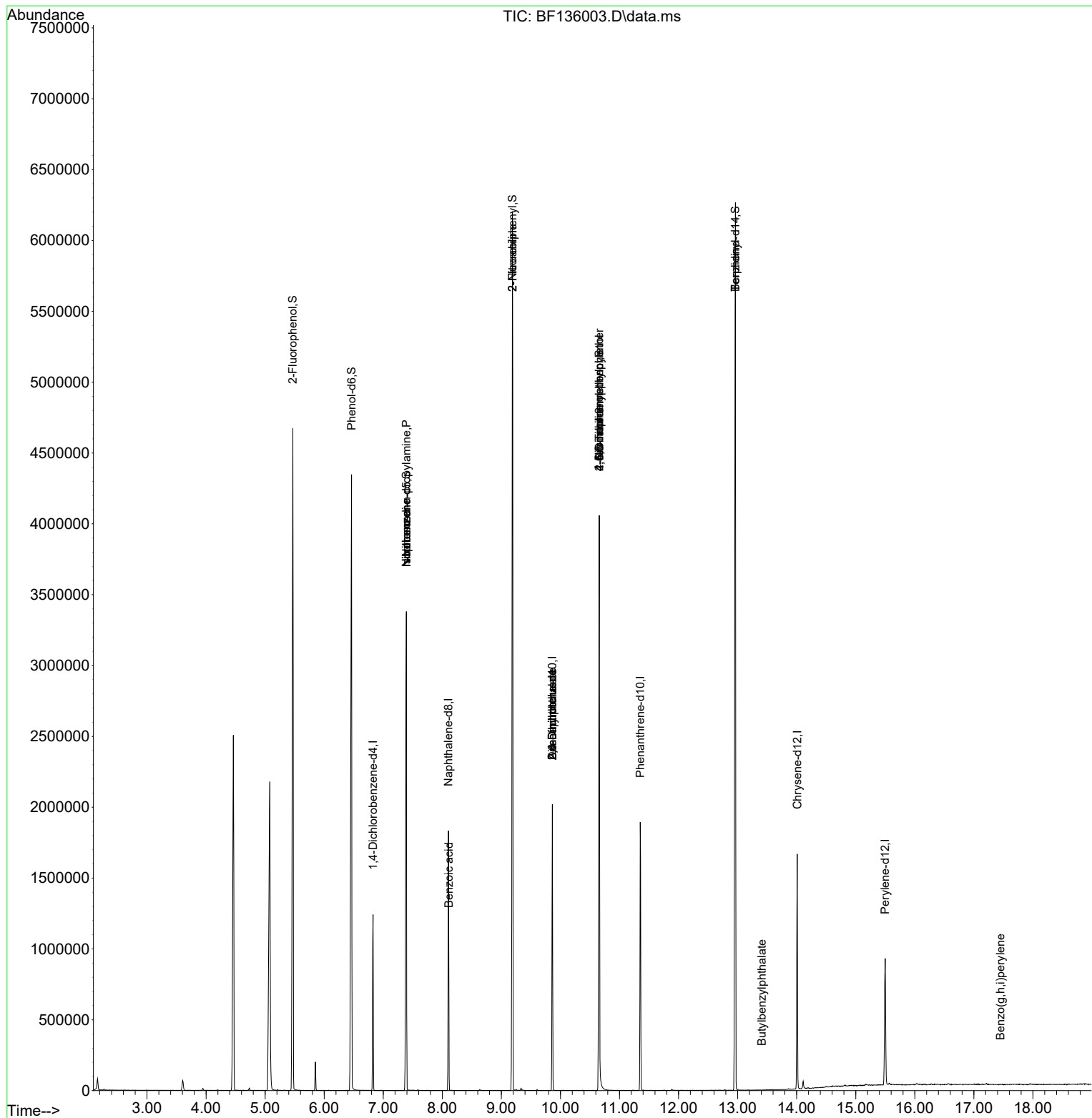
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	173110	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	702166	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	358275	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	675206	20.000	ng	0.00
76) Chrysene-d12	14.010	240	510925	20.000	ng	0.00
86) Perylene-d12	15.498	264	394639	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1571081	140.143	ng	0.02
7) Phenol-d6	6.463	99	1899176	136.076	ng	0.00
23) Nitrobenzene-d5	7.392	82	1126398	101.451	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	577041	184.007	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	2052909	91.751	ng	0.00
79) Terphenyl-d14	12.963	244	2597121	84.928	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.392	70	150381	18.948	ng	# 75
24) Nitrobenzene	7.392	77	3092	2.833	ng	# 25
25) Isophorone	7.392	82	1125208	50.697	ng	# 64
32) Benzoic acid	8.110	122	56	5.729	ng	# 1
48) 2-Nitroaniline	9.186	65	3333	4.854	ng	# 1
50) Dimethylphthalate	9.863	163	74769	3.218	ng	# 1
51) 2,6-Dinitrotoluene	9.863	165	47050	13.641	ng	# 21
57) 2,4-Dinitrotoluene	9.863	165	47050	12.761	ng	# 26
62) 4-Nitroaniline	10.657	138	66	4.660	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.657	198	1085	7.548	ng	# 1
67) 4-Bromophenyl-phenylether	10.657	248	35274	5.101	ng	# 1
77) Benzidine	12.963	184	31018	3.148	ng	# 91
80) Butylbenzylphthalate	13.410	149	56	3.830	ng	# 26
92) Benzo(g,h,i)perylene	17.451	276	1040	3.802	ng	# 52

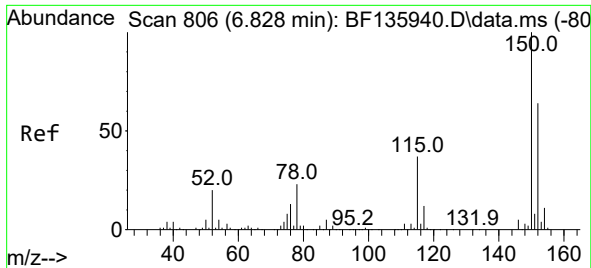
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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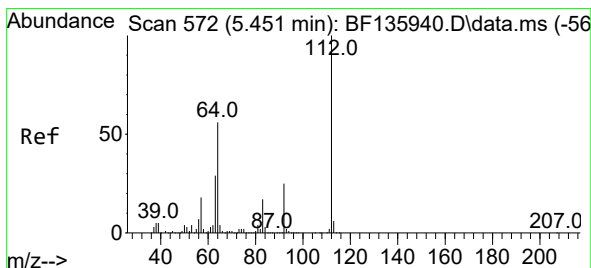
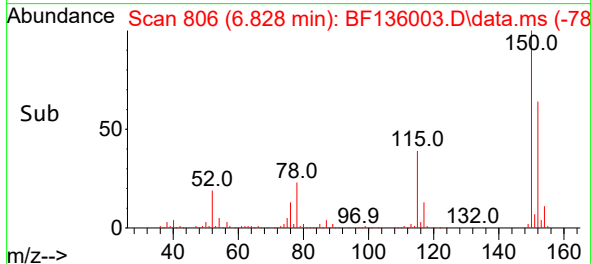
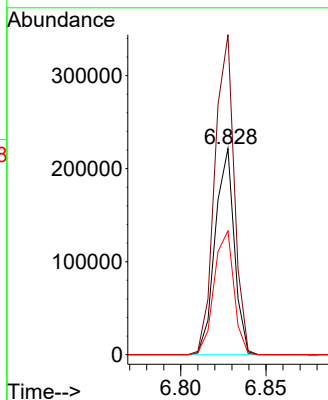
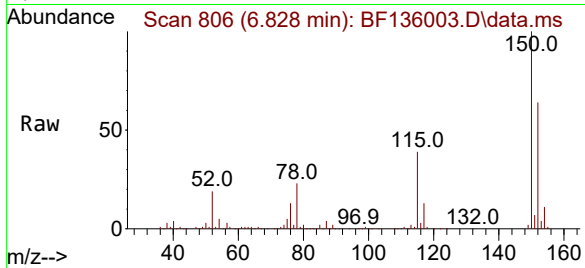




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF136003.D
Acq: 28 Oct 2023 13:57

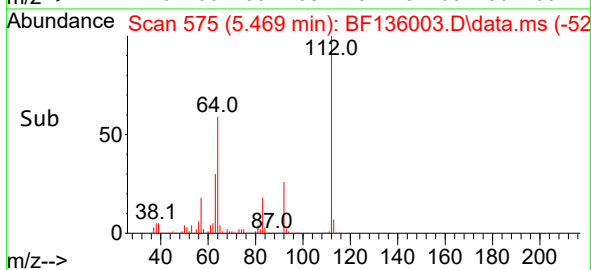
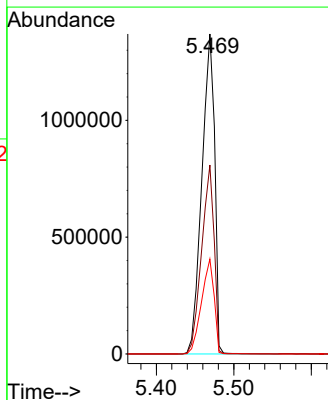
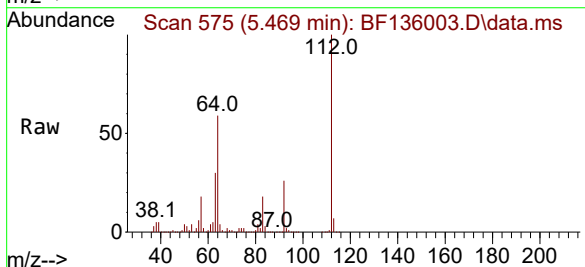
Instrument :
BNA_F
ClientSampleId :
PB156387TB

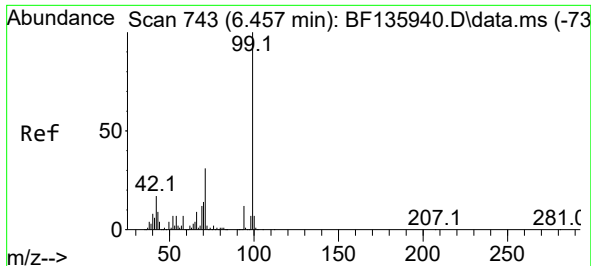
Tgt Ion:152 Resp: 173110
Ion Ratio Lower Upper
152 100
150 155.3 124.6 186.8
115 60.1 46.6 69.8



#5
2-Fluorophenol
Concen: 140.143 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.018 min
Lab File: BF136003.D
Acq: 28 Oct 2023 13:57

Tgt Ion:112 Resp: 1571081
Ion Ratio Lower Upper
112 100
64 59.0 45.1 67.7
63 29.7 23.0 34.4

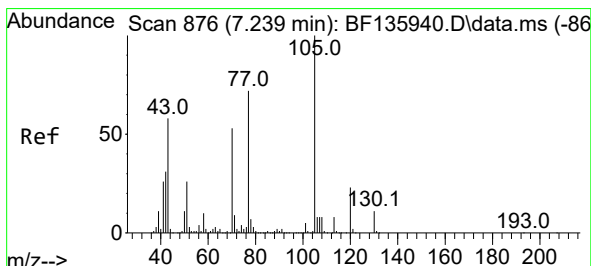
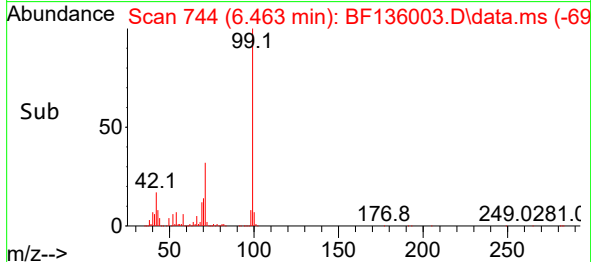
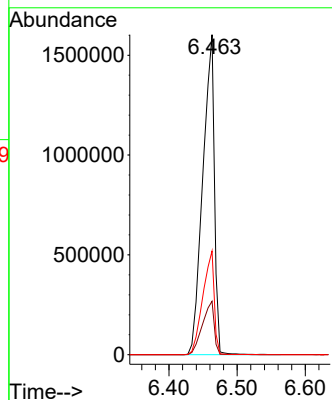
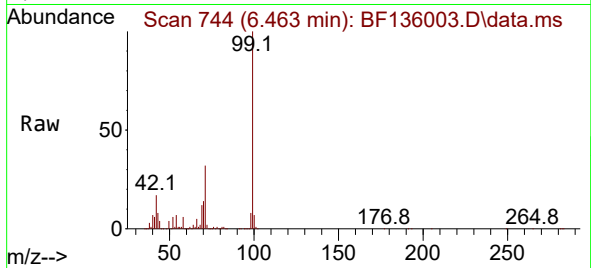




#7
Phenol-d6
Concen: 136.076 ng
RT: 6.463 min Scan# 74
Delta R.T. 0.006 min
Lab File: BF136003.D
Acq: 28 Oct 2023 13:57

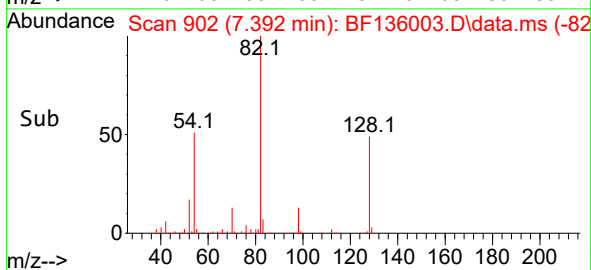
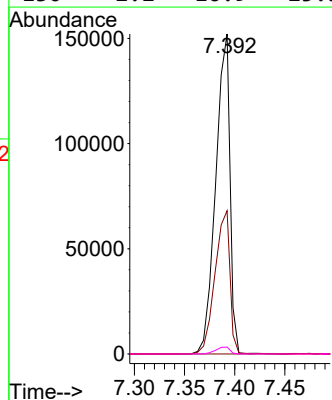
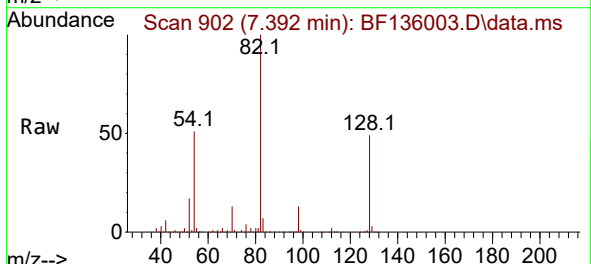
Instrument :
BNA_F
ClientSampleId :
PB156387TB

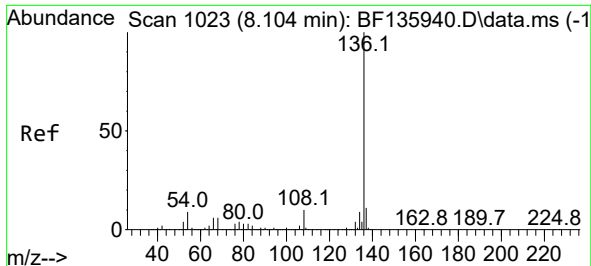
Tgt Ion: 99 Resp: 1899176
Ion Ratio Lower Upper
99 100
42 16.7 13.8 20.8
71 32.4 25.1 37.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.948 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.153 min
Lab File: BF136003.D
Acq: 28 Oct 2023 13:57

Tgt Ion: 70 Resp: 150381
Ion Ratio Lower Upper
70 100
42 44.8 47.3 70.9#
101 0.0 7.8 11.8#
130 2.2 16.9 25.3#



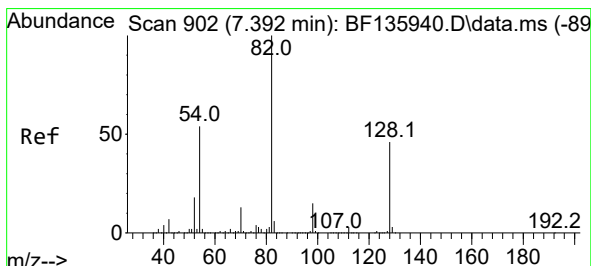
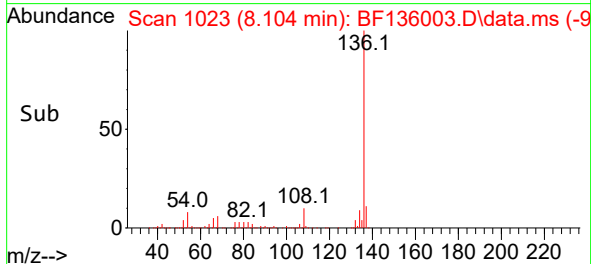
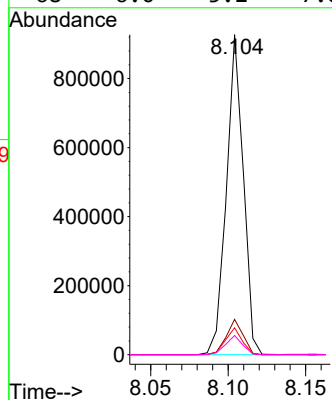
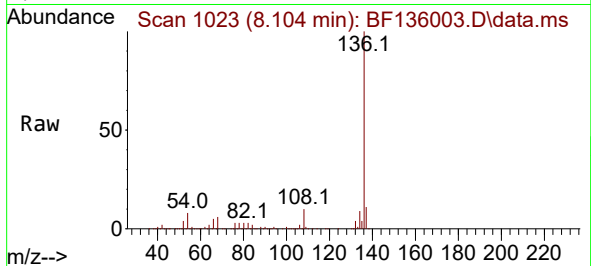


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF136003.D
Acq: 28 Oct 2023 13:57

Instrument :
BNA_F
ClientSampleId :
PB156387TB

Tgt Ion:136 Resp: 702166

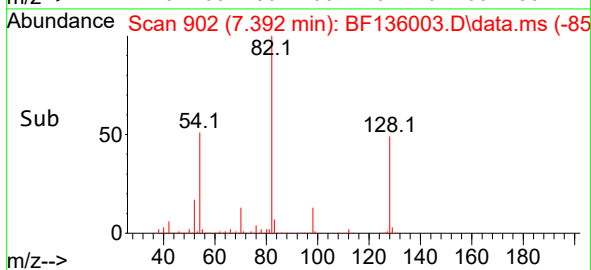
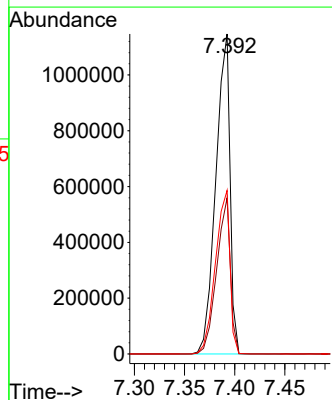
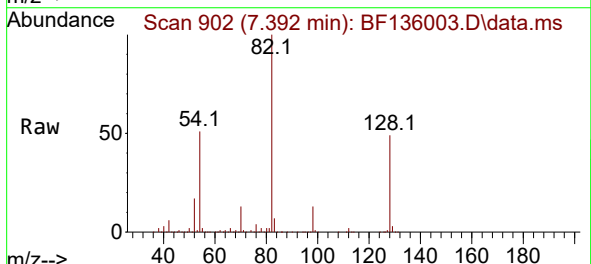
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	8.4	7.1	10.7
68	6.0	5.2	7.8

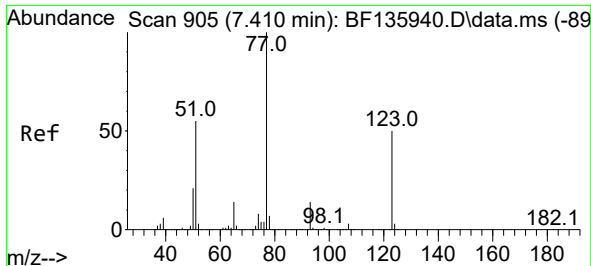


#23
Nitrobenzene-d5
Concen: 101.451 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.000 min
Lab File: BF136003.D
Acq: 28 Oct 2023 13:57

Tgt Ion: 82 Resp: 1126398

Ion	Ratio	Lower	Upper
82	100		
128	48.8	36.8	55.2
54	51.1	43.4	65.0

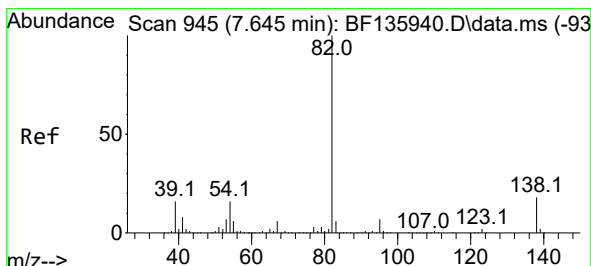
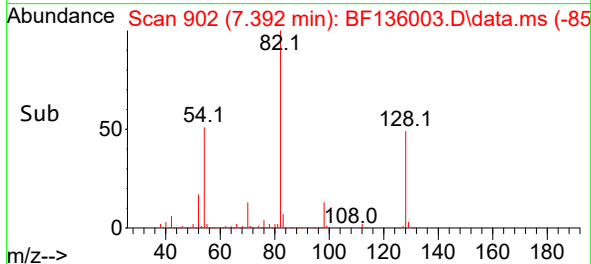
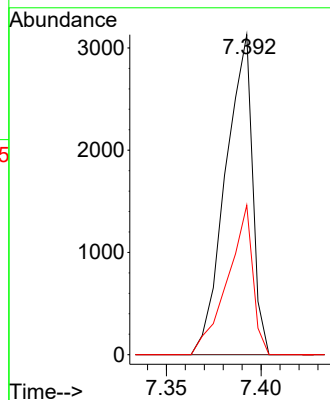
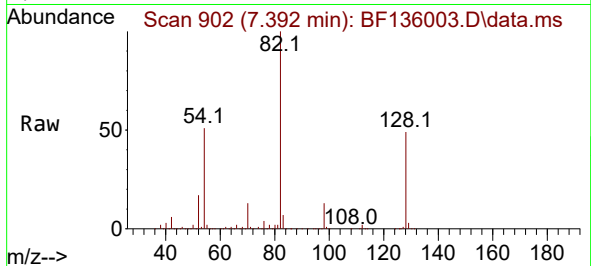




#24
Nitrobenzene
Concen: 2.833 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.018 min
Lab File: BF136003.D
Acq: 28 Oct 2023 13:57

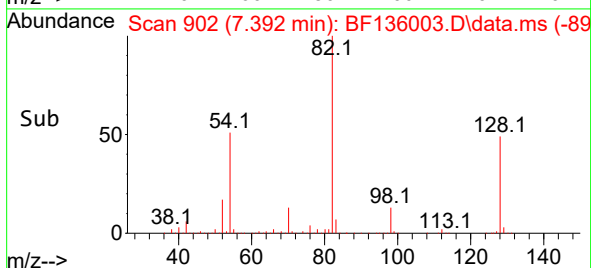
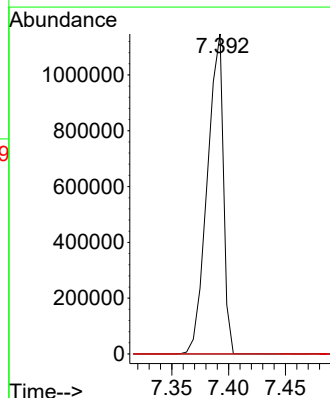
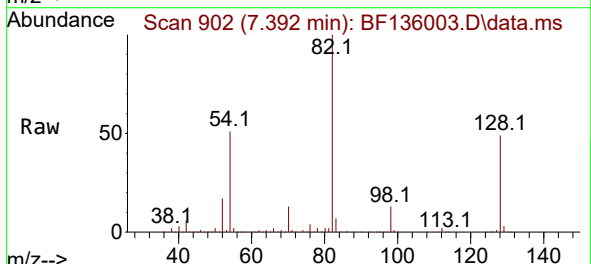
Instrument :
BNA_F
ClientSampleId :
PB156387TB

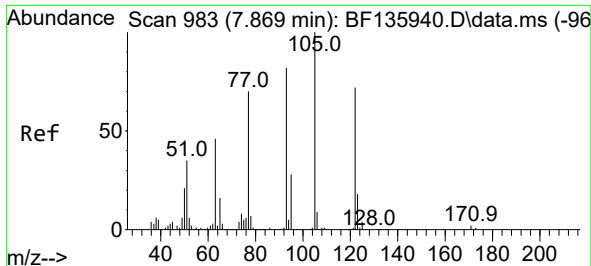
Tgt Ion: 77 Resp: 3092
Ion Ratio Lower Upper
77 100
123 0.0 40.2 60.2#
65 46.7 11.0 16.4#



#25
Isophorone
Concen: 50.697 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.253 min
Lab File: BF136003.D
Acq: 28 Oct 2023 13:57

Tgt Ion: 82 Resp: 1125208
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.8 22.2#





#32

Benzoic acid

Concen: 5.729 ng

RT: 8.110 min Scan# 1024

Delta R.T. 0.241 min

Lab File: BF136003.D

Acq: 28 Oct 2023 13:57

Instrument :

BNA_F

ClientSampleId :

PB156387TB

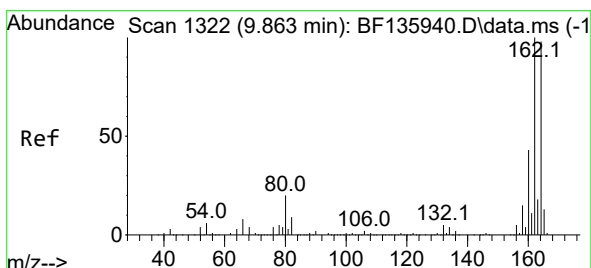
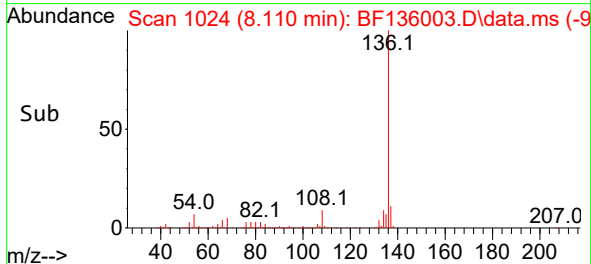
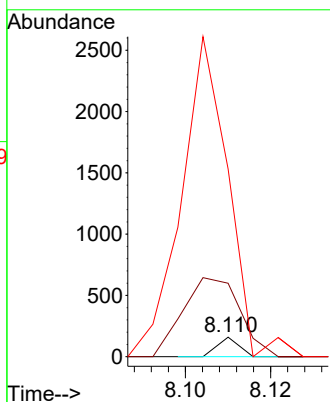
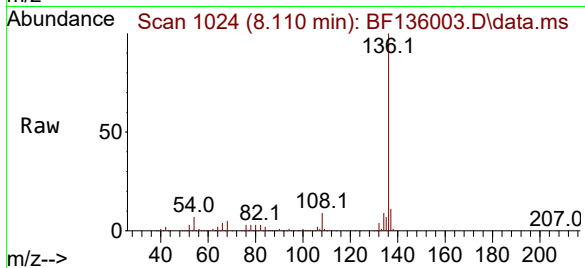
Tgt Ion:122 Resp: 56

Ion Ratio Lower Upper

122 100

105 374.4 113.1 153.1#

77 956.9 75.2 115.2#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1322

Delta R.T. -0.000 min

Lab File: BF136003.D

Acq: 28 Oct 2023 13:57

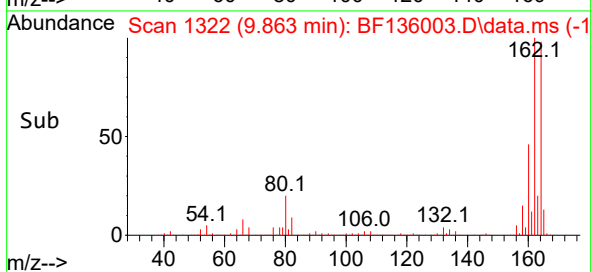
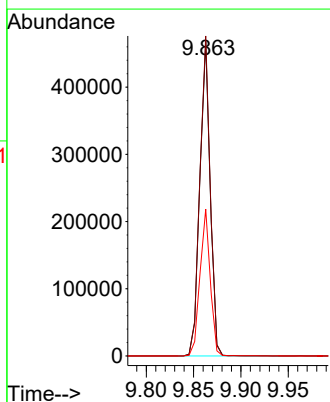
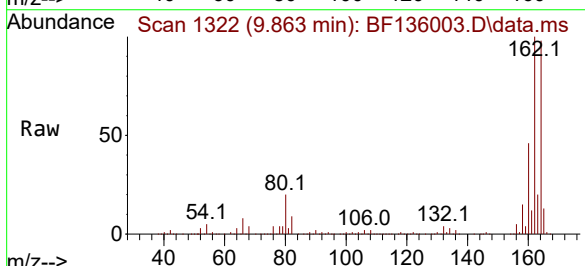
Tgt Ion:164 Resp: 358275

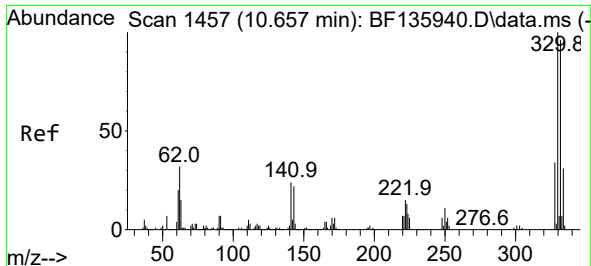
Ion Ratio Lower Upper

164 100

162 101.9 82.0 123.0

160 46.7 35.6 53.4

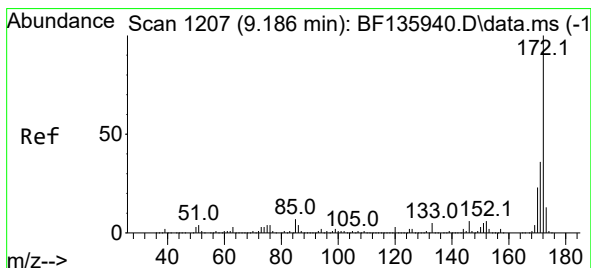
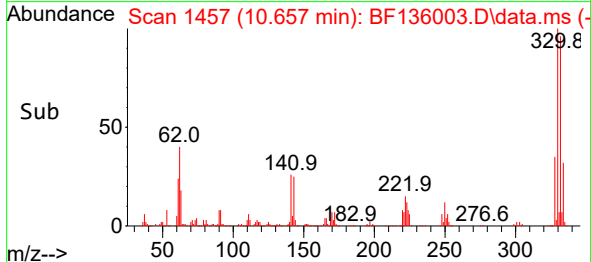
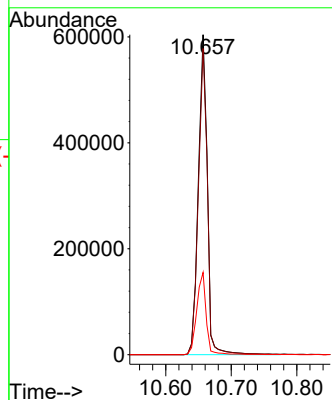
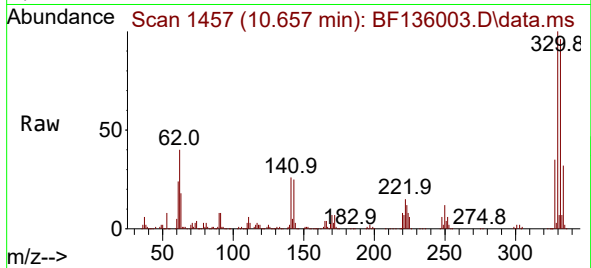




#42
2,4,6-Tribromophenol
Concen: 184.007 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.000 min
Lab File: BF136003.D
Acq: 28 Oct 2023 13:57

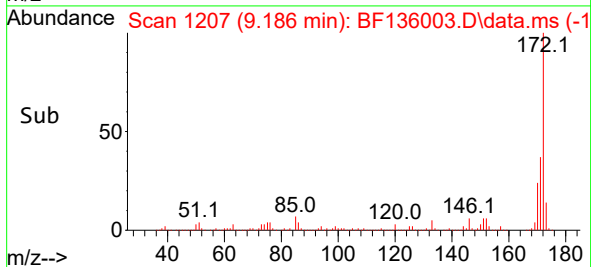
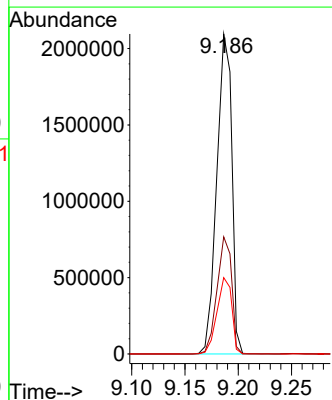
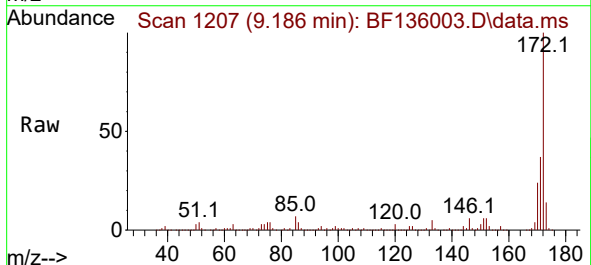
Instrument :
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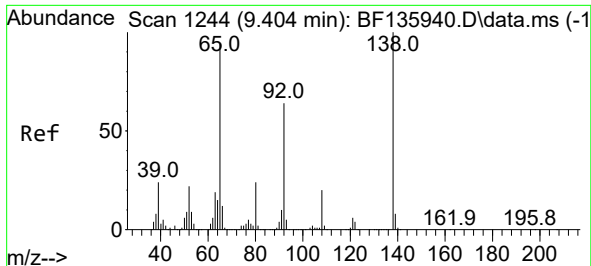
Tgt Ion:330 Resp: 577041
Ion Ratio Lower Upper
330 100
332 96.3 77.4 116.2
141 27.1 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 91.751 ng
RT: 9.186 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF136003.D
Acq: 28 Oct 2023 13:57

Tgt Ion:172 Resp: 2052909
Ion Ratio Lower Upper
172 100
171 36.6 28.6 43.0
170 23.9 18.6 28.0





#48

2-Nitroaniline

Concen: 4.854 ng

RT: 9.186 min Scan# 11

Delta R.T. -0.218 min

Lab File: BF136003.D

Acq: 28 Oct 2023 13:57

Instrument :

BNA_F

ClientSampleId :

PB156387TB

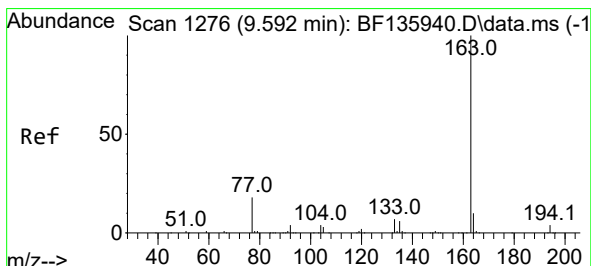
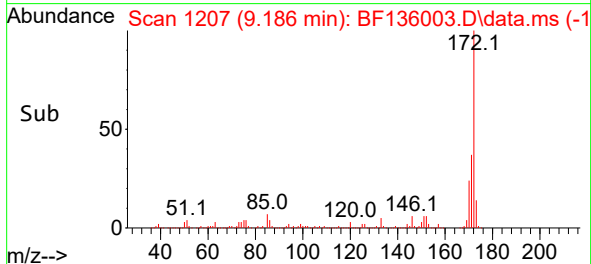
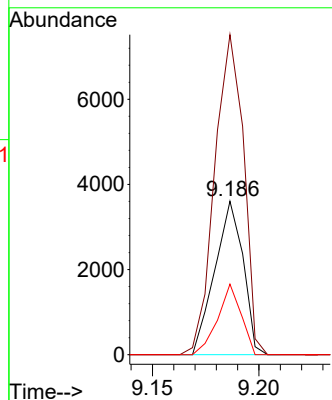
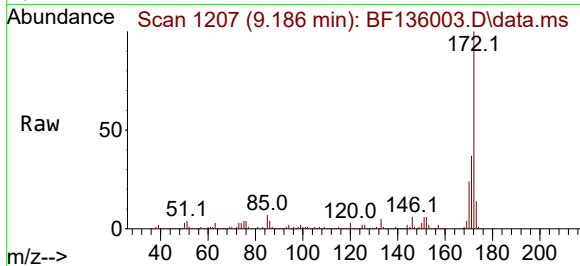
Tgt Ion: 65 Resp: 3333

Ion Ratio Lower Upper

65 100

92 208.5 54.9 82.3#

138 45.9 85.2 127.8#



#50

Dimethylphthalate

Concen: 3.218 ng

RT: 9.863 min Scan# 1322

Delta R.T. 0.271 min

Lab File: BF136003.D

Acq: 28 Oct 2023 13:57

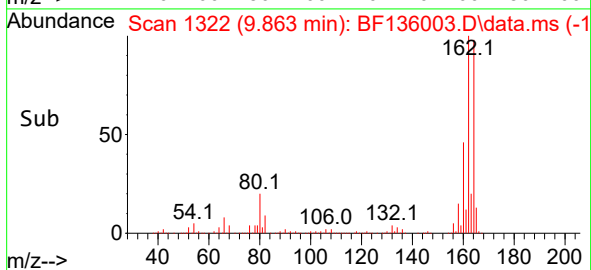
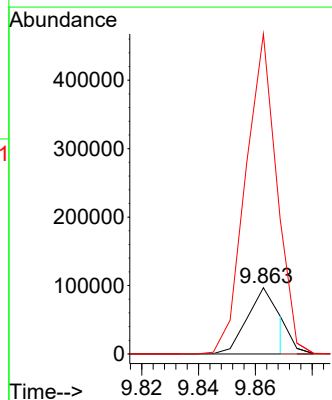
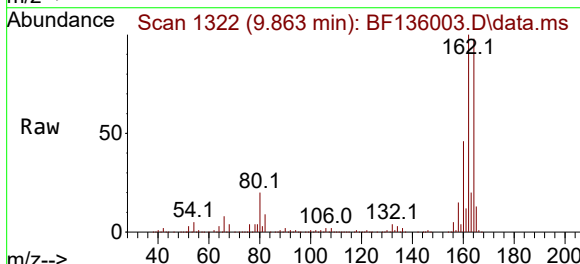
Tgt Ion:163 Resp: 74769

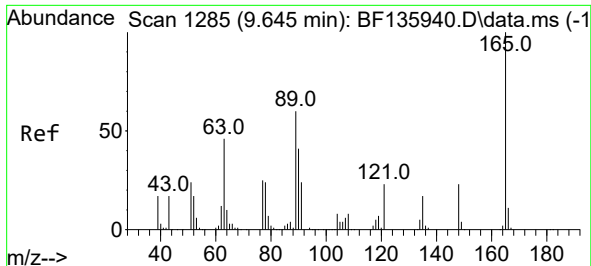
Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.0#

164 482.8 8.3 12.5#

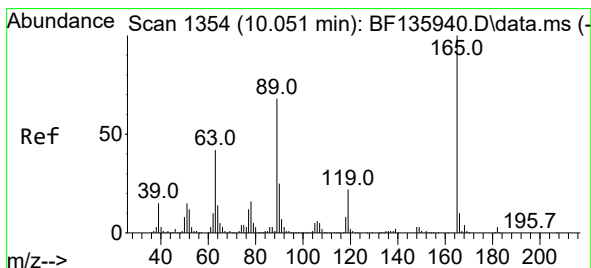
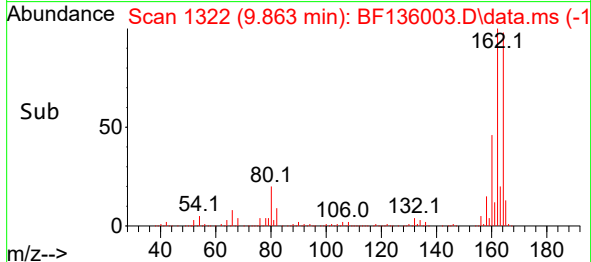
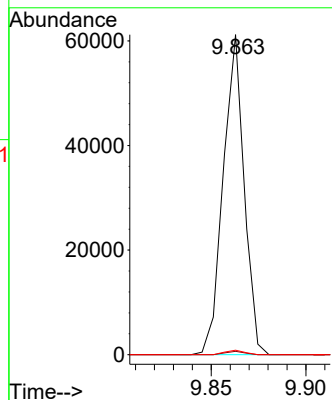
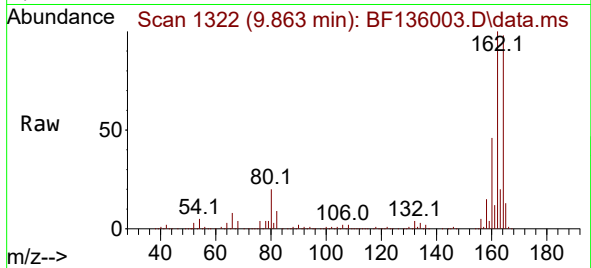




#51
2,6-Dinitrotoluene
Concen: 13.641 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF136003.D
Acq: 28 Oct 2023 13:57

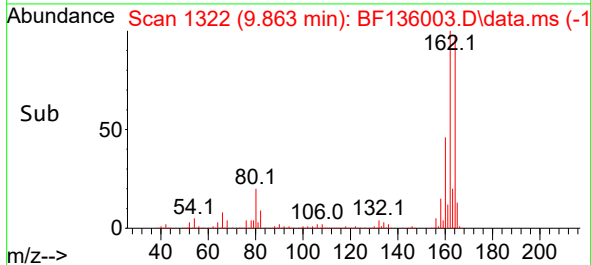
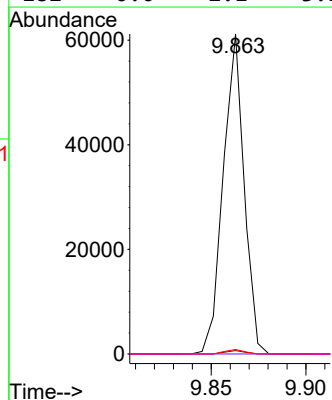
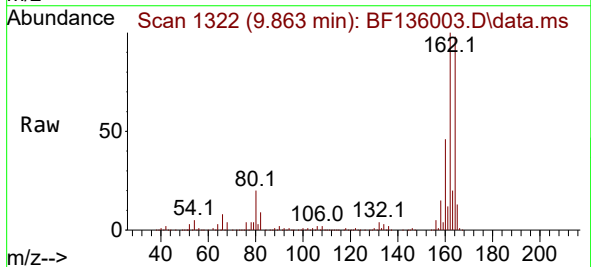
Instrument :
BNA_F
ClientSampleId :
PB156387TB

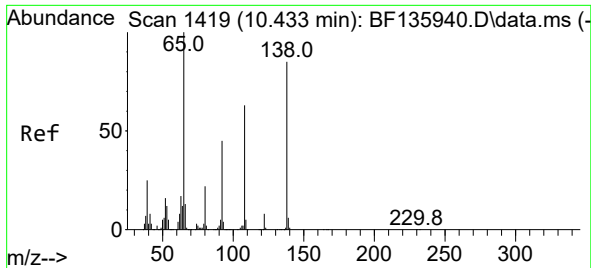
Tgt Ion:165 Resp: 47050
Ion Ratio Lower Upper
165 100
63 1.0 51.7 77.5#
89 1.4 48.3 72.5#



#57
2,4-Dinitrotoluene
Concen: 12.761 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.188 min
Lab File: BF136003.D
Acq: 28 Oct 2023 13:57

Tgt Ion:165 Resp: 47050
Ion Ratio Lower Upper
165 100
63 1.0 33.7 50.5#
89 1.4 54.6 81.8#
182 0.0 2.1 3.1#

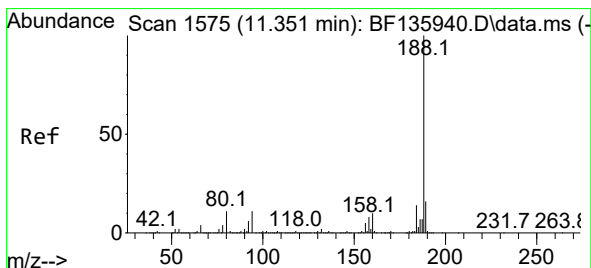
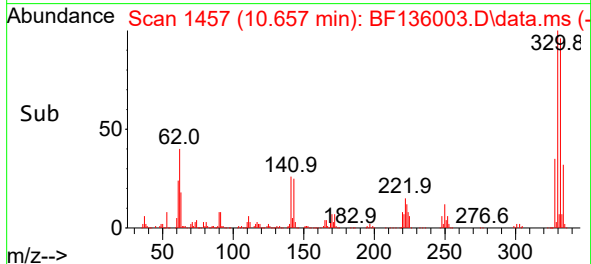
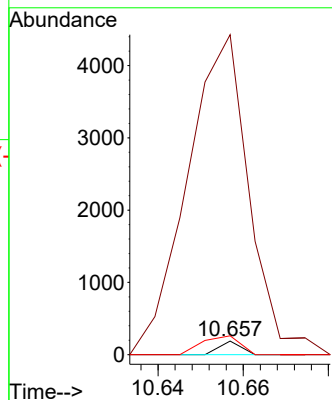
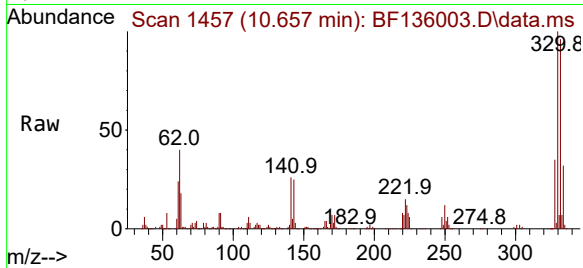




#62
4-Nitroaniline
Concen: 4.660 ng
RT: 10.657 min Scan# 1419
Delta R.T. 0.224 min
Lab File: BF136003.D
Acq: 28 Oct 2023 13:57

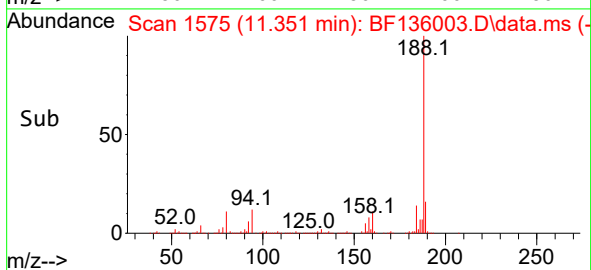
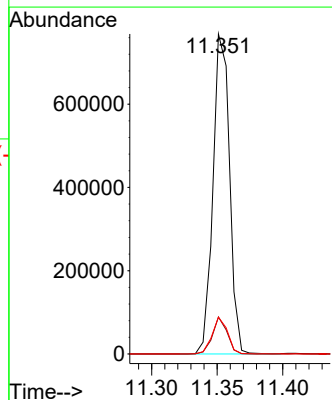
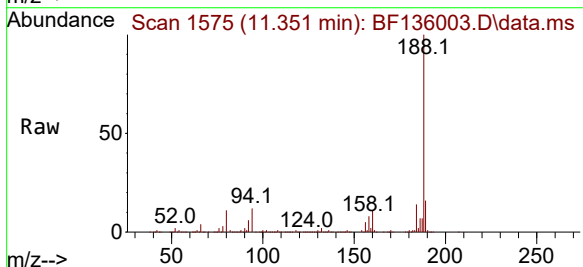
Instrument :
BNA_F
ClientSampleId :
PB156387TB

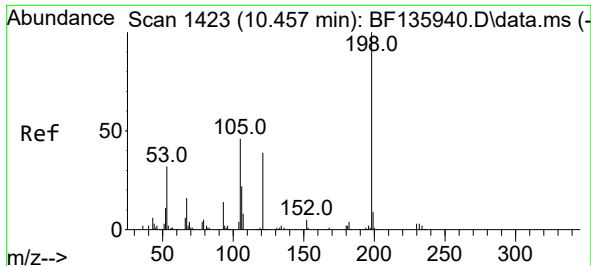
Tgt Ion:138 Resp: 66
Ion Ratio Lower Upper
138 100
92 2355.3 32.9 72.9#
108 138.8 53.5 93.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF136003.D
Acq: 28 Oct 2023 13:57

Tgt Ion:188 Resp: 675206
Ion Ratio Lower Upper
188 100
94 11.6 8.6 13.0
80 11.5 9.0 13.6

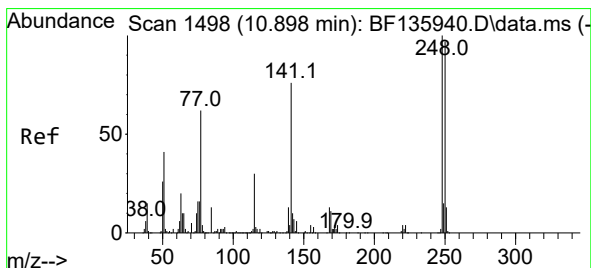
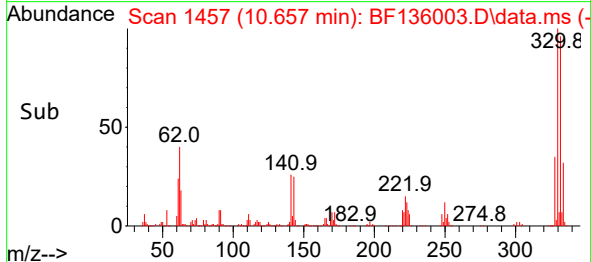
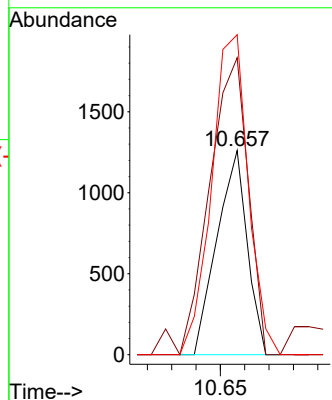
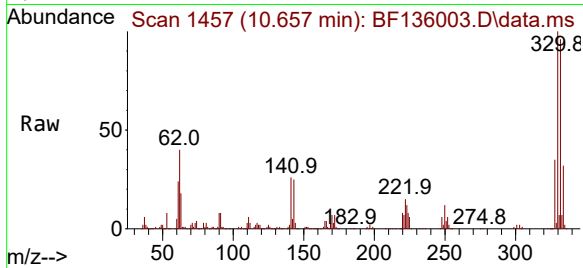




#65
4,6-Dinitro-2-methylphenol
Concen: 7.548 ng
RT: 10.657 min Scan# 1423
Delta R.T. 0.200 min
Lab File: BF136003.D
Acq: 28 Oct 2023 13:57

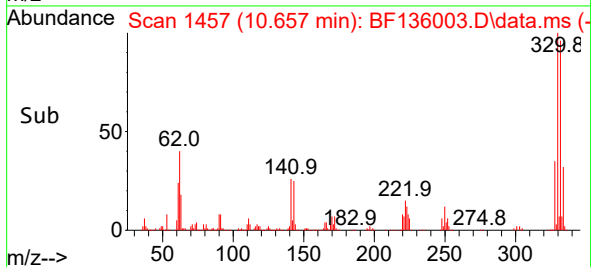
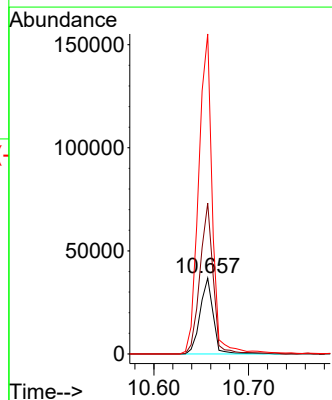
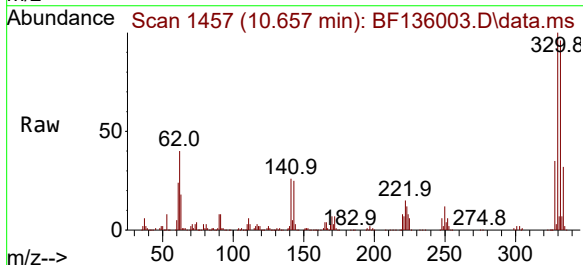
Instrument :
BNA_F
ClientSampleId :
PB156387TB

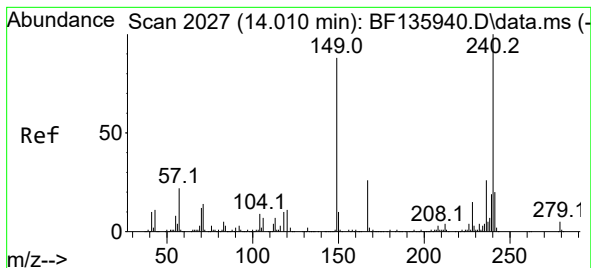
Tgt Ion:198 Resp: 1085
Ion Ratio Lower Upper
198 100
51 145.4 28.7 68.7#
105 156.7 27.2 67.2#



#67
4-Bromophenyl-phenylether
Concen: 5.101 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.241 min
Lab File: BF136003.D
Acq: 28 Oct 2023 13:57

Tgt Ion:248 Resp: 35274
Ion Ratio Lower Upper
248 100
250 198.8 77.9 116.9#
141 421.7 60.8 91.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BF136003.D

Acq: 28 Oct 2023 13:57

Instrument :

BNA_F

ClientSampleId :

PB156387TB

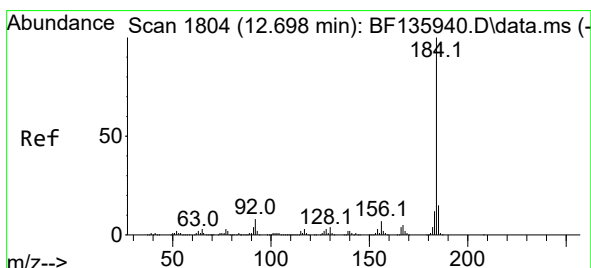
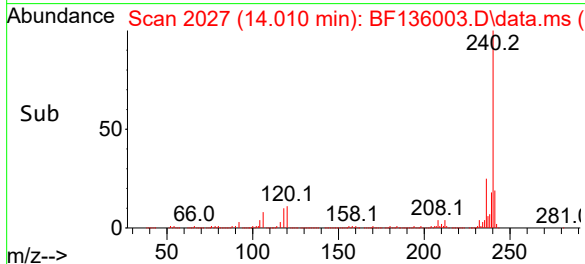
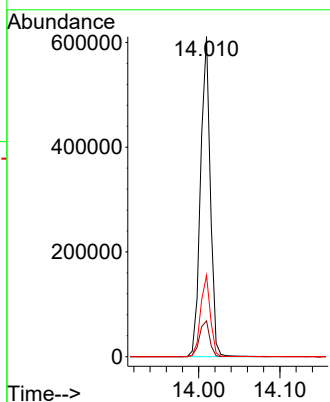
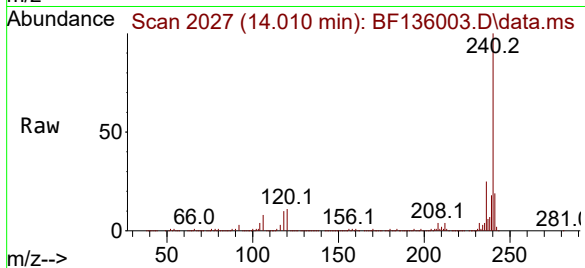
Tgt Ion:240 Resp: 510925

Ion Ratio Lower Upper

240 100

120 11.2 8.6 13.0

236 25.5 20.6 30.8



#77

Benzdine

Concen: 3.148 ng

RT: 12.963 min Scan# 1849

Delta R.T. 0.265 min

Lab File: BF136003.D

Acq: 28 Oct 2023 13:57

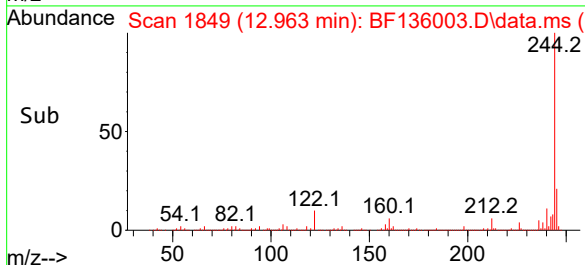
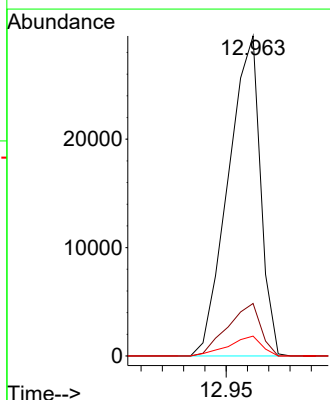
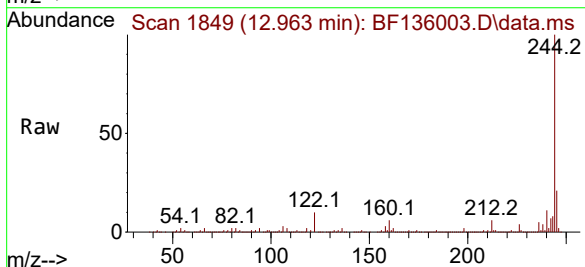
Tgt Ion:184 Resp: 31018

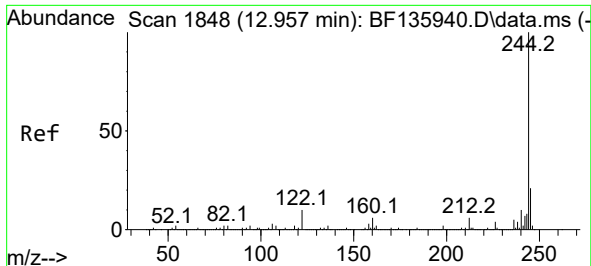
Ion Ratio Lower Upper

184 100

185 16.4 11.7 17.5

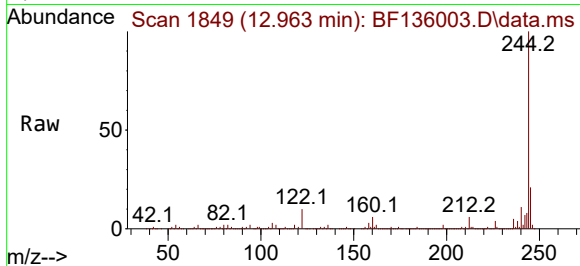
183 6.2 9.2 13.8#



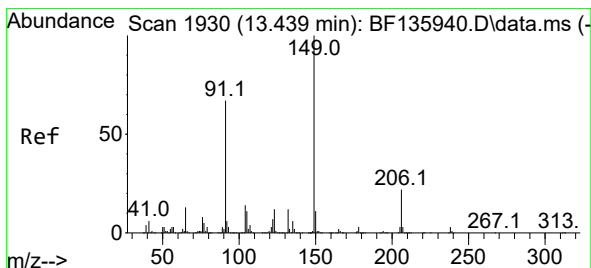
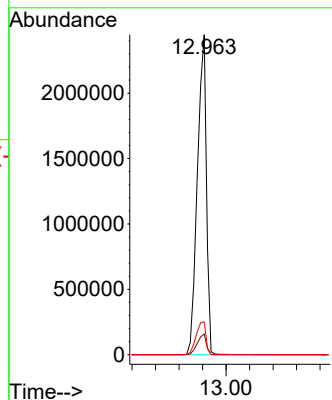
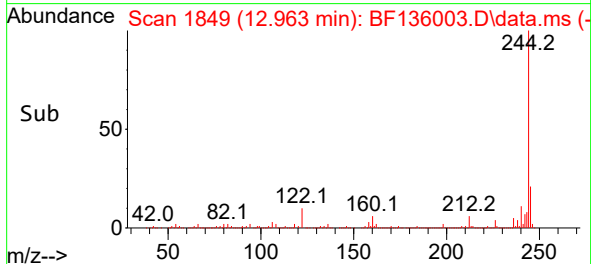


#79
 Terphenyl-d14
 Concen: 84.928 ng
 RT: 12.963 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF136003.D
 Acq: 28 Oct 2023 13:57

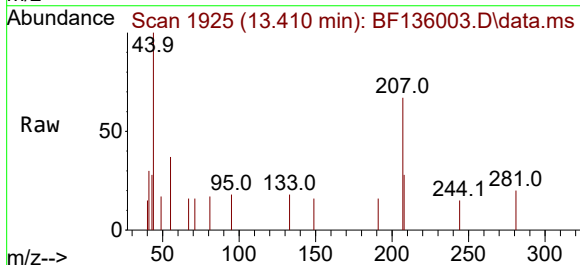
Instrument :
 BNA_F
 ClientSampleId :
 PB156387TB



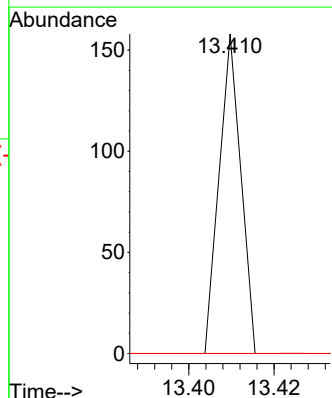
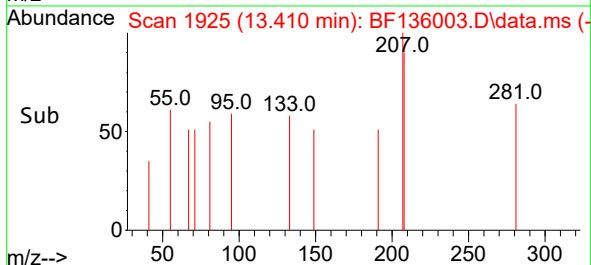
Tgt Ion:244 Resp: 2597121
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.0 7.6
 122 10.3 8.0 12.0

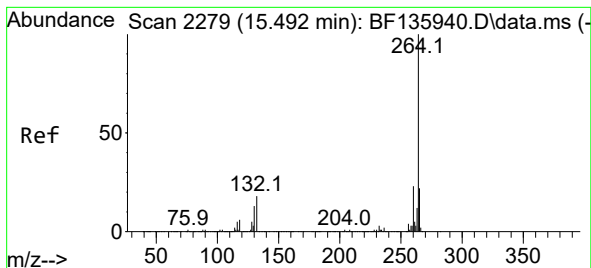


#80
 Butylbenzylphthalate
 Concen: 3.830 ng
 RT: 13.410 min Scan# 1925
 Delta R.T. -0.029 min
 Lab File: BF136003.D
 Acq: 28 Oct 2023 13:57



Tgt Ion:149 Resp: 56
 Ion Ratio Lower Upper
 149 100
 91 0.0 53.4 80.0#
 206 0.0 17.5 26.3#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136003.D

Acq: 28 Oct 2023 13:57

Instrument :

BNA_F

ClientSampleId :

PB156387TB

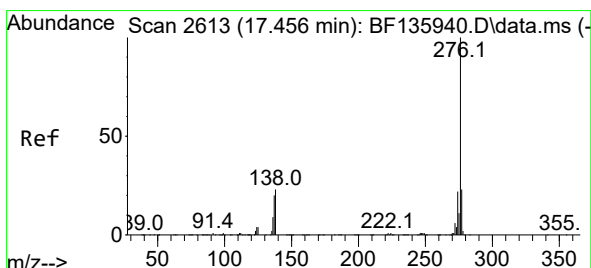
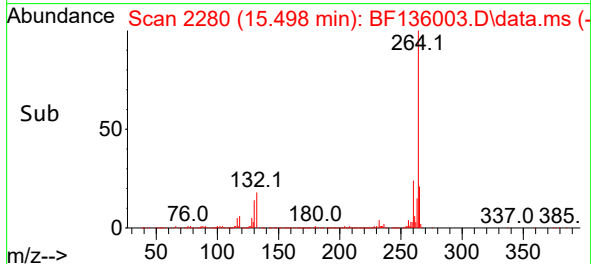
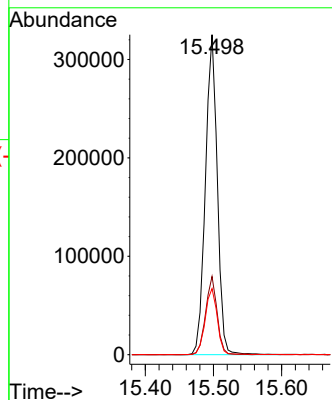
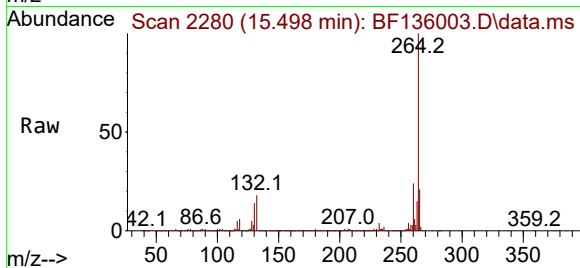
Tgt Ion:264 Resp: 394639

Ion Ratio Lower Upper

264 100

260 24.4 18.6 28.0

265 20.7 17.3 25.9



#92

Benzo(g,h,i)perylene

Concen: 3.802 ng

RT: 17.451 min Scan# 2612

Delta R.T. -0.005 min

Lab File: BF136003.D

Acq: 28 Oct 2023 13:57

Tgt Ion:276 Resp: 1040

Ion Ratio Lower Upper

276 100

277 0.0 18.6 28.0#

138 0.0 18.4 27.6#

