

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102823\
 Data File : BF136000.D
 Acq On : 28 Oct 2023 12:26
 Operator : CG\JU
 Sample : PB156392BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156392BL

Quant Time: Oct 30 00:23:35 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)

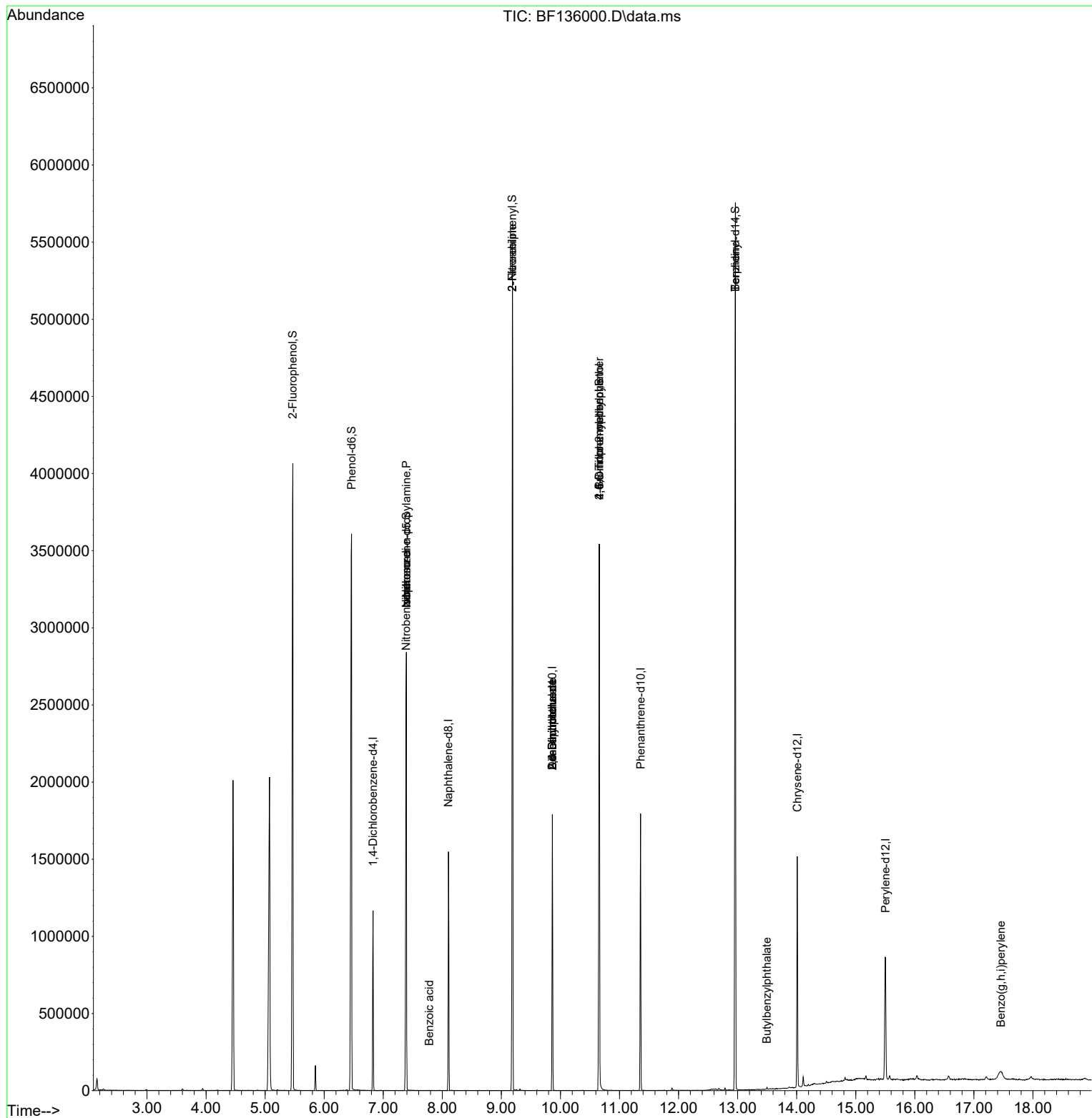
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	154927	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	619091	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	321200	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	599775	20.000	ng	0.00
76) Chrysene-d12	14.009	240	463948	20.000	ng	0.00
86) Perylene-d12	15.504	264	385818	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1299559	129.528	ng	0.02
7) Phenol-d6	6.463	99	1600554	128.139	ng	0.00
23) Nitrobenzene-d5	7.392	82	932970	95.899	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	476017	169.314	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1738395	86.663	ng	0.00
79) Terphenyl-d14	12.963	244	2180010	78.507	ng	0.00
Target Compounds					Qvalue	
19) n-Nitroso-di-n-propyla...	7.392	70	122814	17.291	ng	# 76
24) Nitrobenzene	7.386	77	2691	2.830	ng	# 35
25) Isophorone	7.392	82	932959	47.676	ng	# 64
32) Benzoic acid	7.780	122	392	5.859	ng	90
48) 2-Nitroaniline	9.186	65	2770	4.807	ng	# 1
50) Dimethylphthalate	9.863	163	63355	3.042	ng	# 1
51) 2,6-Dinitrotoluene	9.863	165	40541	13.299	ng	# 21
57) 2,4-Dinitrotoluene	9.863	165	40541	12.492	ng	# 26
65) 4,6-Dinitro-2-methylph...	10.657	198	938	7.532	ng	# 1
67) 4-Bromophenyl-phenylether	10.657	248	29165	4.748	ng	# 1
77) Benzidine	12.963	184	26040	2.911	ng	# 92
80) Butylbenzylphthalate	13.492	149	120	3.834	ng	# 50
92) Benzo(g,h,i)perylene	17.456	276	1583	3.826	ng	# 43

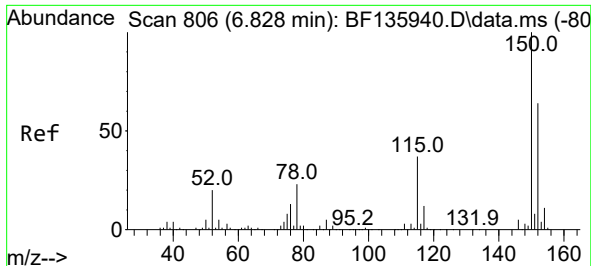
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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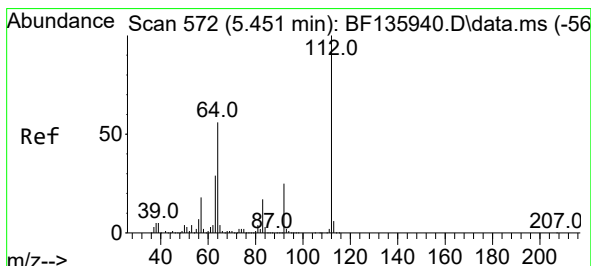
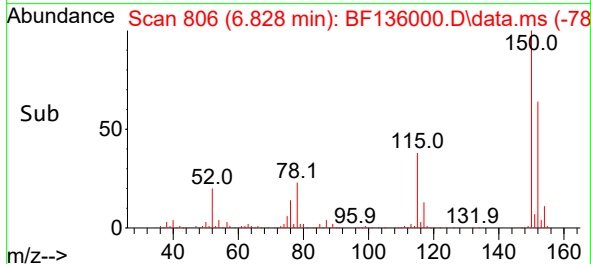
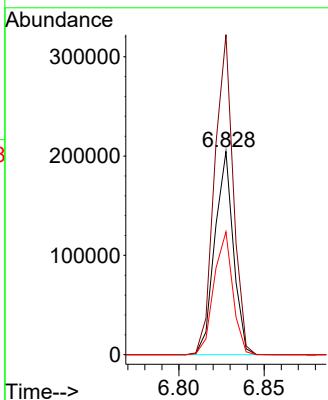
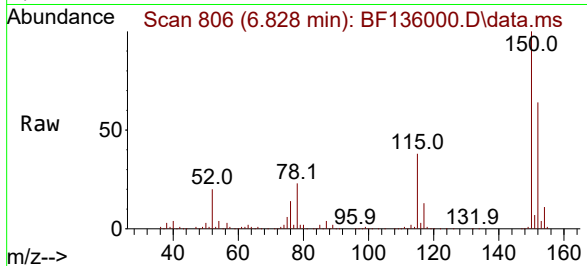




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF136000.D
Acq: 28 Oct 2023 12:26

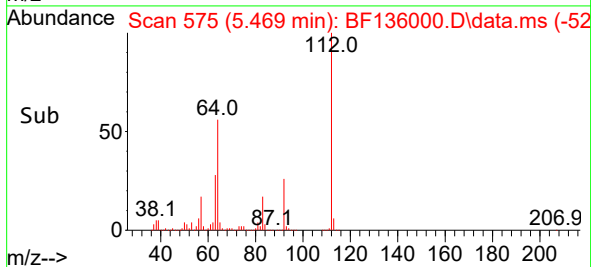
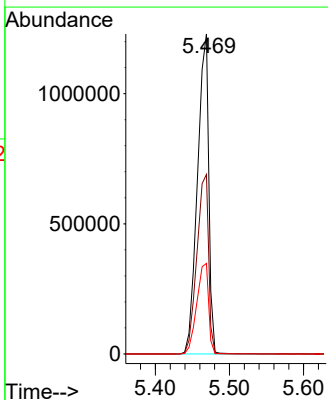
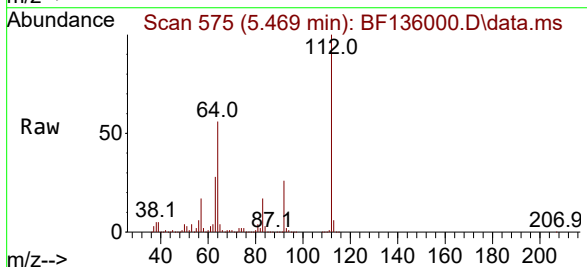
Instrument :
BNA_F
ClientSampleId :
PB156392BL

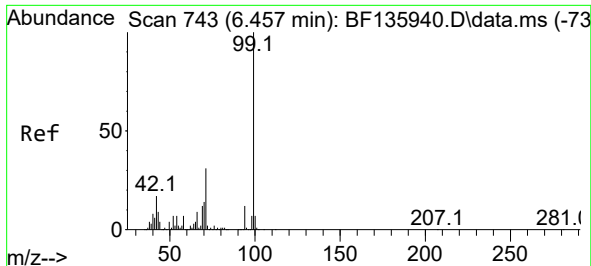
Tgt Ion:152 Resp: 154927
Ion Ratio Lower Upper
152 100
150 157.4 124.6 186.8
115 60.5 46.6 69.8



#5
2-Fluorophenol
Concen: 129.528 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.018 min
Lab File: BF136000.D
Acq: 28 Oct 2023 12:26

Tgt Ion:112 Resp: 1299559
Ion Ratio Lower Upper
112 100
64 56.1 45.1 67.7
63 28.3 23.0 34.4

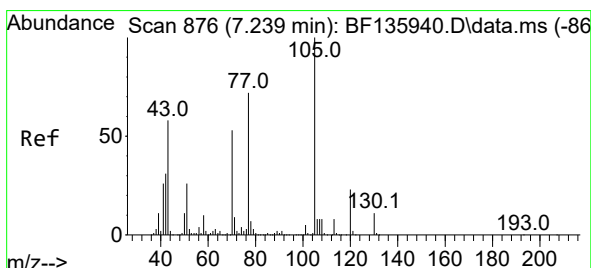
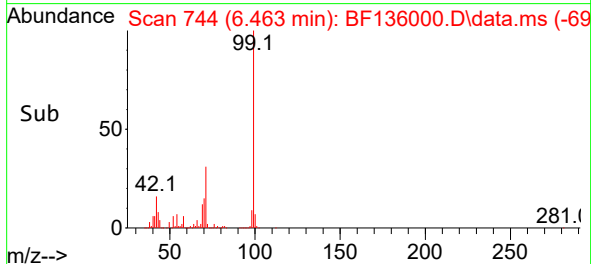
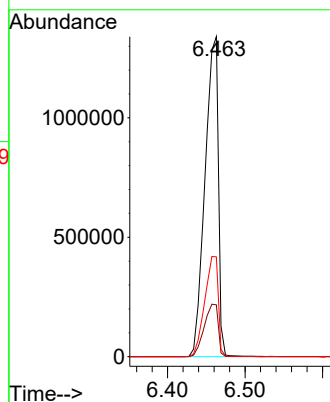
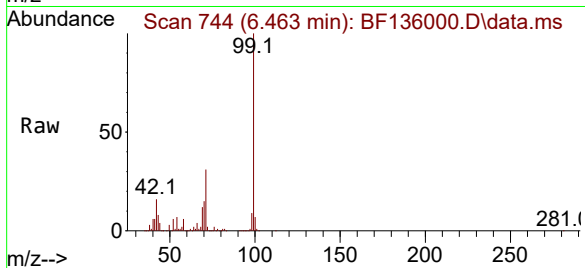




#7
Phenol-d6
Concen: 128.139 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF136000.D
Acq: 28 Oct 2023 12:26

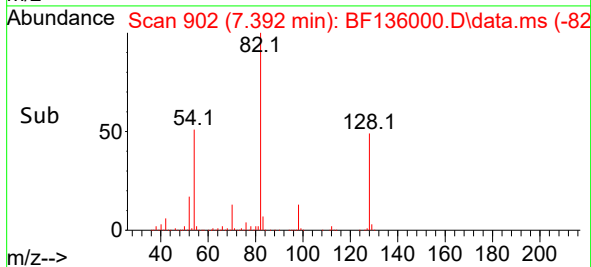
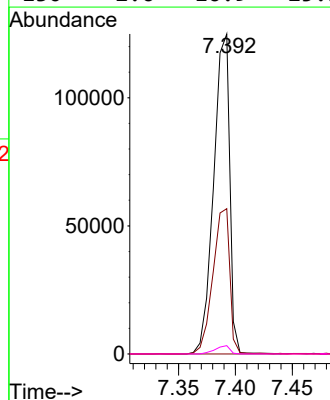
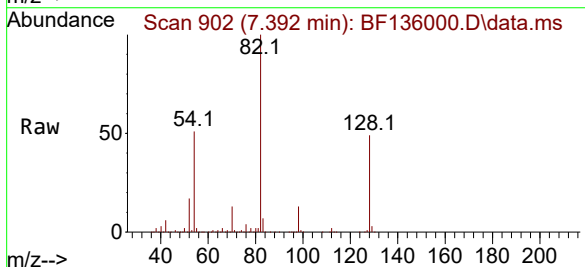
Instrument :
BNA_F
ClientSampleId :
PB156392BL

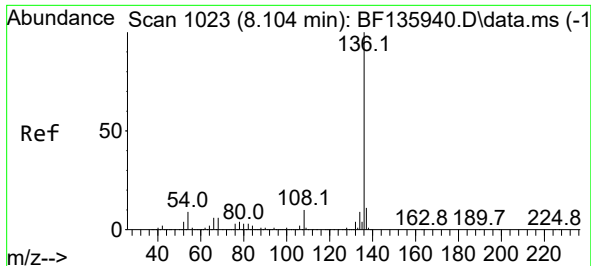
Tgt Ion: 99 Resp: 1600554
Ion Ratio Lower Upper
99 100
42 16.2 13.8 20.8
71 31.2 25.1 37.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.291 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.153 min
Lab File: BF136000.D
Acq: 28 Oct 2023 12:26

Tgt Ion: 70 Resp: 122814
Ion Ratio Lower Upper
70 100
42 45.4 47.3 70.9#
101 0.0 7.8 11.8#
130 2.6 16.9 25.3#



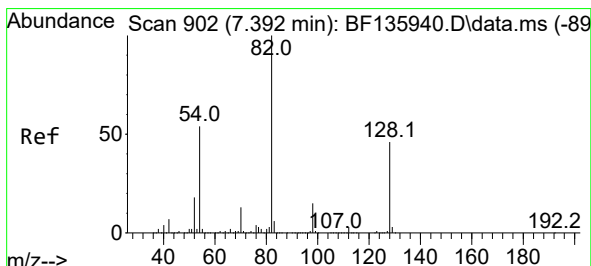
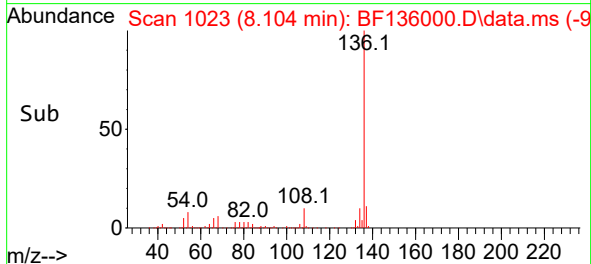
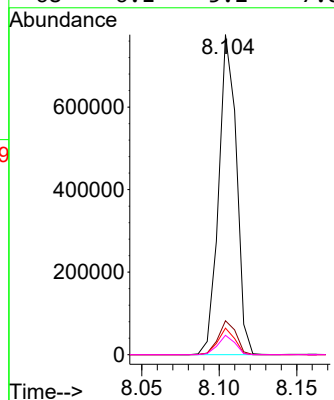
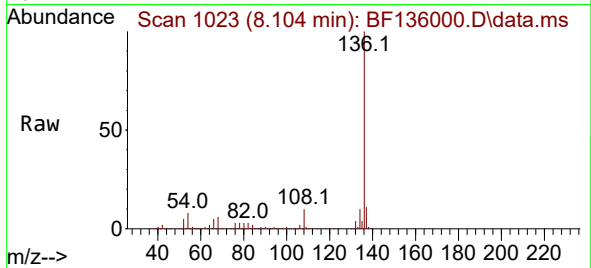


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF136000.D
Acq: 28 Oct 2023 12:26

Instrument :
BNA_F
ClientSampleId :
PB156392BL

Tgt Ion:136 Resp: 619091

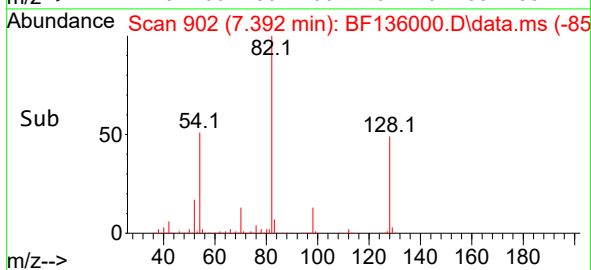
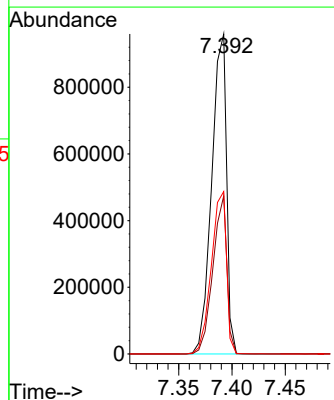
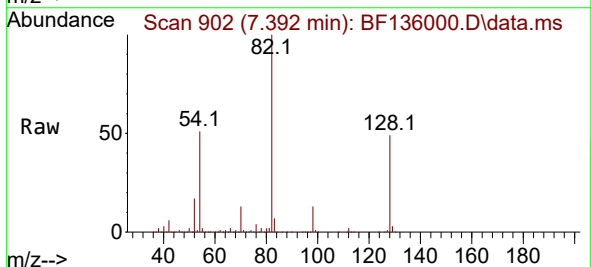
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.6
54	8.3	7.1	10.7
68	6.1	5.2	7.8

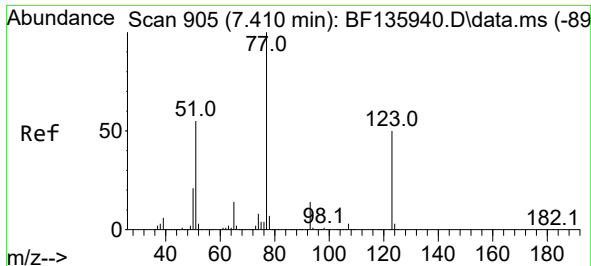


#23
Nitrobenzene-d5
Concen: 95.899 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.000 min
Lab File: BF136000.D
Acq: 28 Oct 2023 12:26

Tgt Ion: 82 Resp: 932970

Ion	Ratio	Lower	Upper
82	100		
128	49.4	36.8	55.2
54	50.8	43.4	65.0





#24

Nitrobenzene

Concen: 2.830 ng

RT: 7.386 min Scan# 901

Delta R.T. -0.024 min

Lab File: BF136000.D

Acq: 28 Oct 2023 12:26

Instrument :

BNA_F

ClientSampleId :

PB156392BL

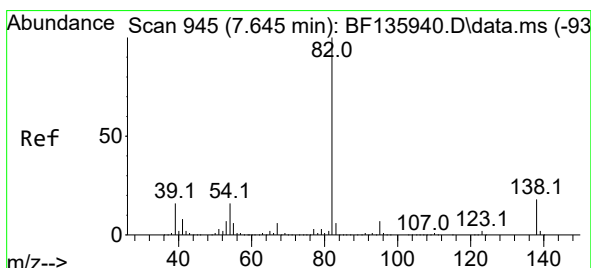
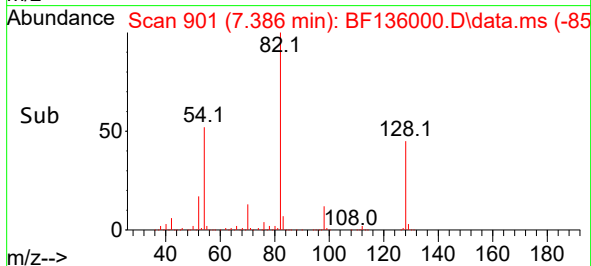
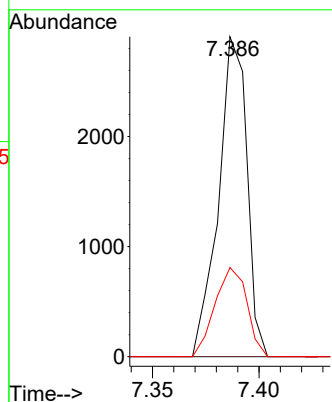
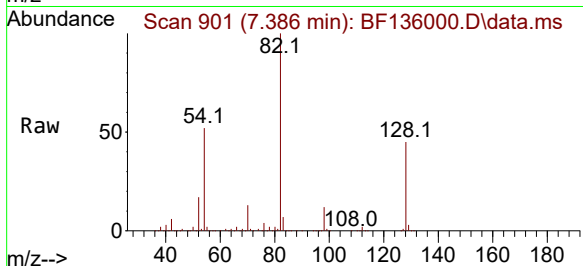
Tgt Ion: 77 Resp: 2691

Ion Ratio Lower Upper

77 100

123 0.0 40.2 60.2#

65 27.9 11.0 16.4#



#25

Isophorone

Concen: 47.676 ng

RT: 7.392 min Scan# 902

Delta R.T. -0.253 min

Lab File: BF136000.D

Acq: 28 Oct 2023 12:26

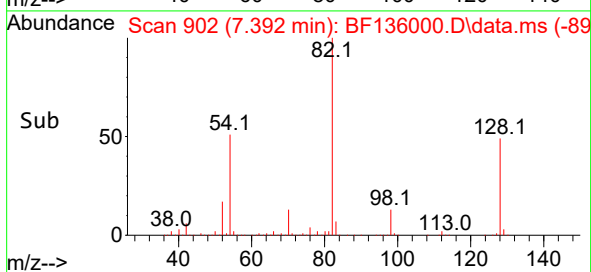
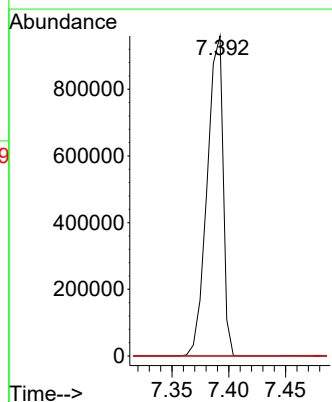
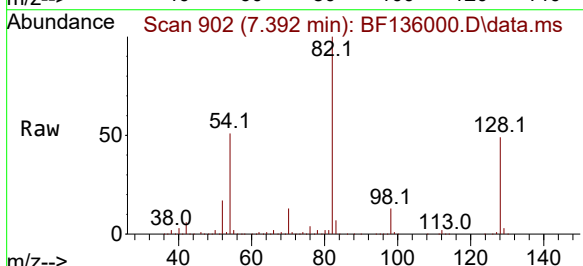
Tgt Ion: 82 Resp: 932959

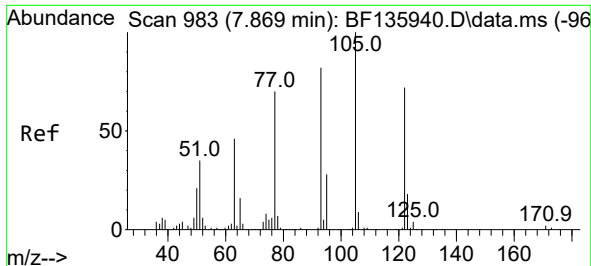
Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.8 22.2#

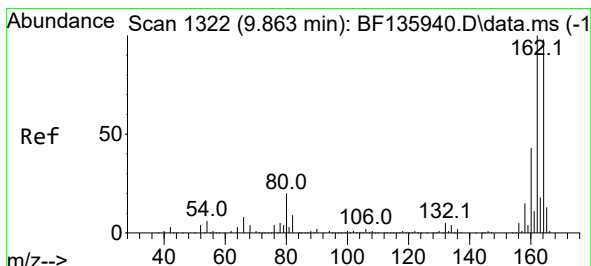
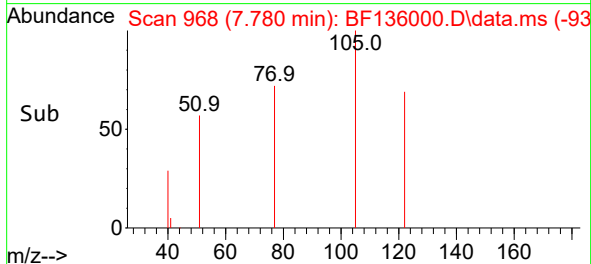
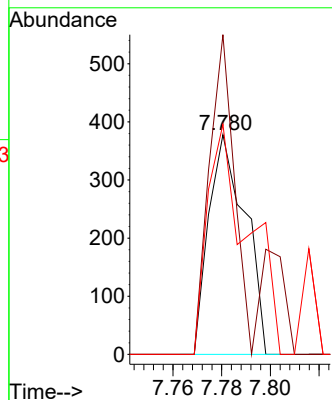
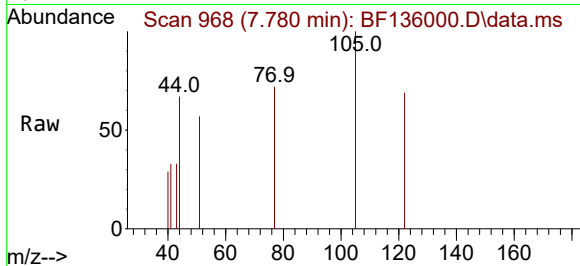




#32
Benzoic acid
Concen: 5.859 ng
RT: 7.780 min Scan# 91
Delta R.T. -0.089 min
Lab File: BF136000.D
Acq: 28 Oct 2023 12:26

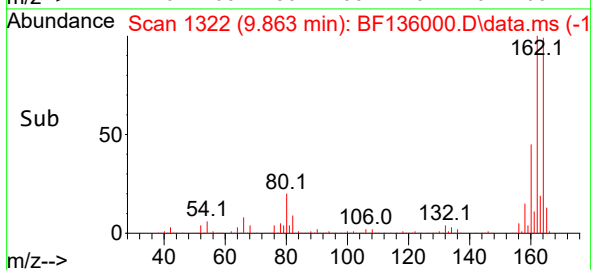
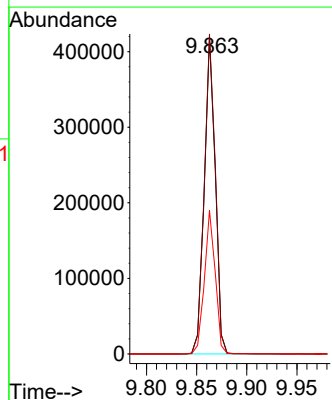
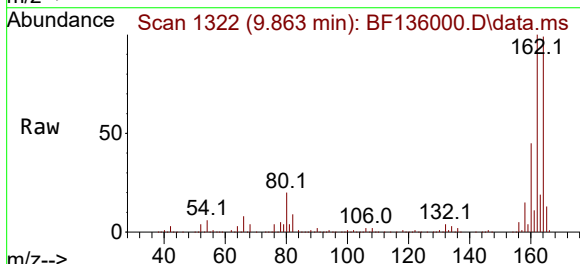
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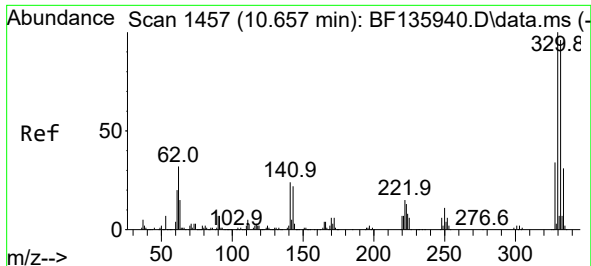
Tgt Ion:122 Resp: 392
Ion Ratio Lower Upper
122 100
105 145.5 113.1 153.1
77 104.8 75.2 115.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF136000.D
Acq: 28 Oct 2023 12:26

Tgt Ion:164 Resp: 321200
Ion Ratio Lower Upper
164 100
162 101.0 82.0 123.0
160 45.3 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 169.314 ng

RT: 10.657 min Scan# 1457

Delta R.T. -0.000 min

Lab File: BF136000.D

Acq: 28 Oct 2023 12:26

Instrument :

BNA_F

ClientSampleId :

PB156392BL

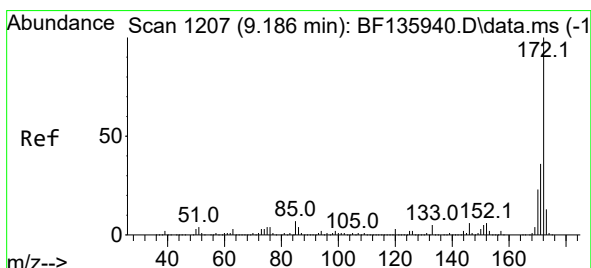
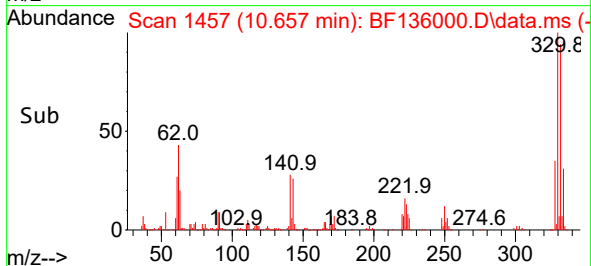
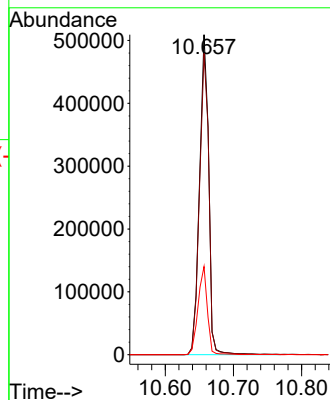
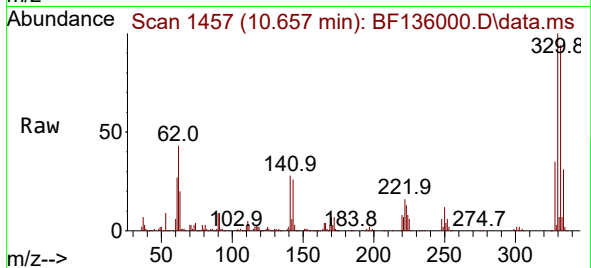
Tgt Ion:330 Resp: 476017

Ion Ratio Lower Upper

330 100

332 96.1 77.4 116.2

141 28.0 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 86.663 ng

RT: 9.186 min Scan# 1207

Delta R.T. -0.000 min

Lab File: BF136000.D

Acq: 28 Oct 2023 12:26

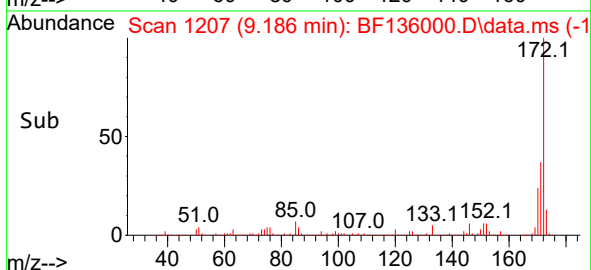
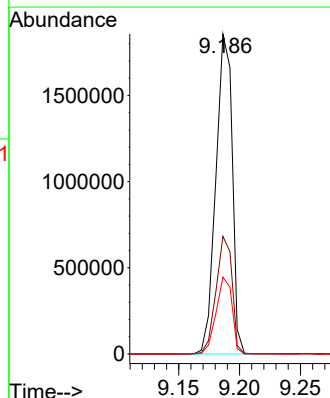
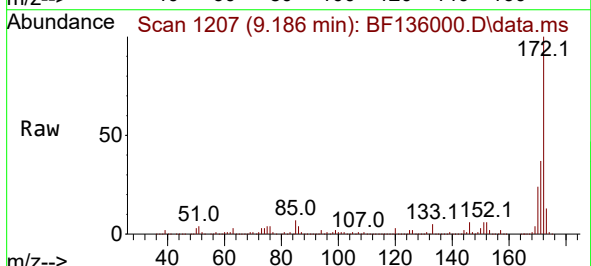
Tgt Ion:172 Resp: 1738395

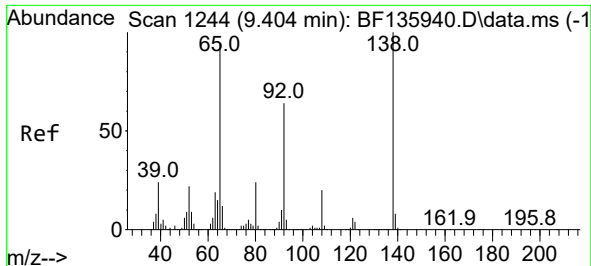
Ion Ratio Lower Upper

172 100

171 36.7 28.6 43.0

170 24.0 18.6 28.0

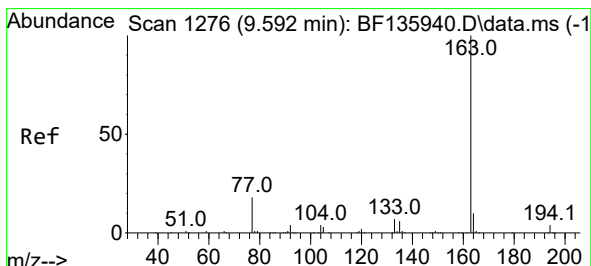
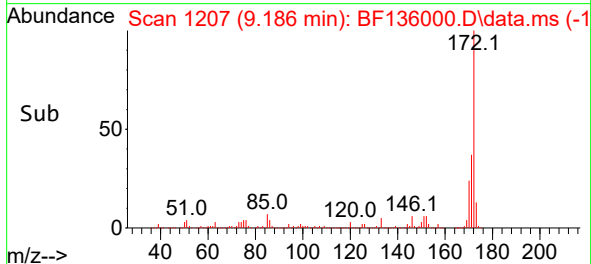
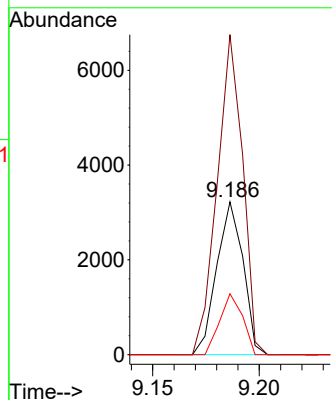
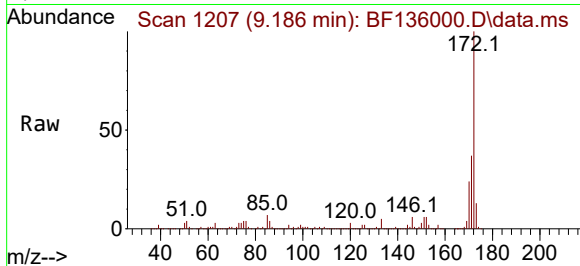




#48
2-Nitroaniline
Concen: 4.807 ng
RT: 9.186 min Scan# 11
Delta R.T. -0.218 min
Lab File: BF136000.D
Acq: 28 Oct 2023 12:26

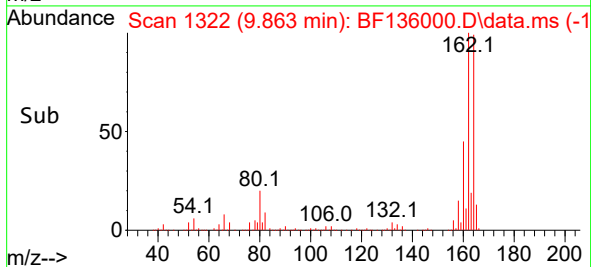
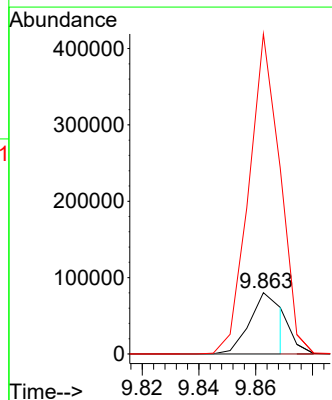
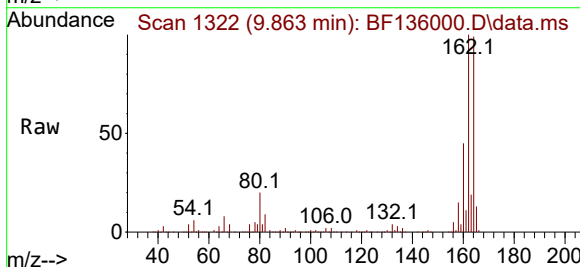
Instrument :
BNA_F
ClientSampleId :
PB156392BL

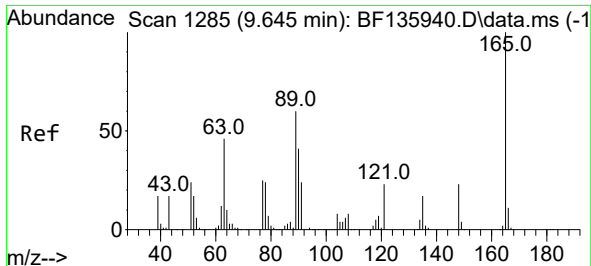
Tgt Ion: 65 Resp: 2770
Ion Ratio Lower Upper
65 100
92 209.4 54.9 82.3#
138 39.9 85.2 127.8#



#50
Dimethylphthalate
Concen: 3.042 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.270 min
Lab File: BF136000.D
Acq: 28 Oct 2023 12:26

Tgt Ion: 163 Resp: 63355
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.0#
164 522.5 8.3 12.5#

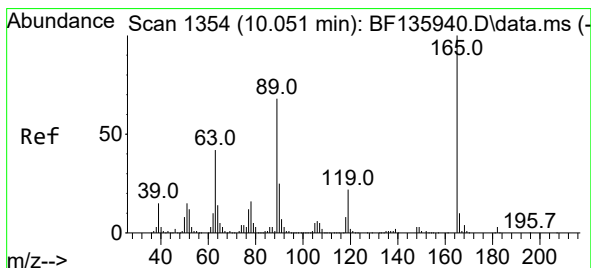
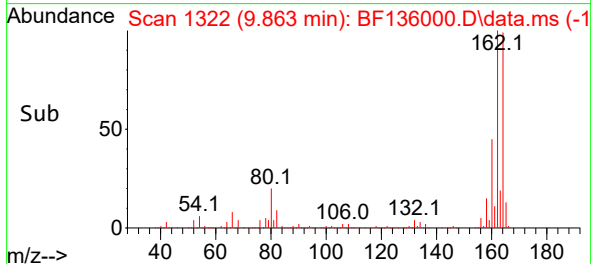
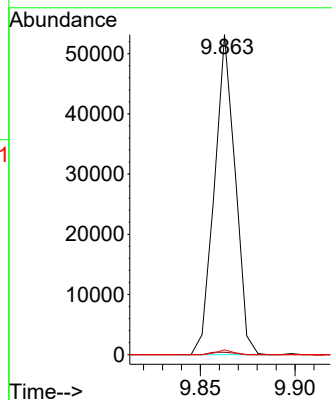
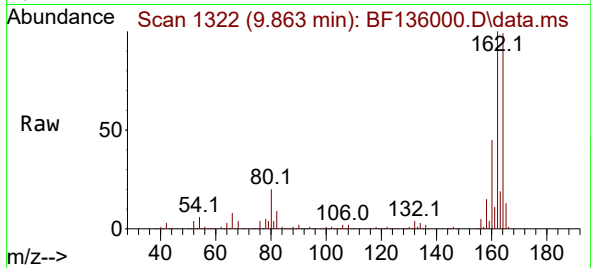




#51
2,6-Dinitrotoluene
Concen: 13.299 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.218 min
Lab File: BF136000.D
Acq: 28 Oct 2023 12:26

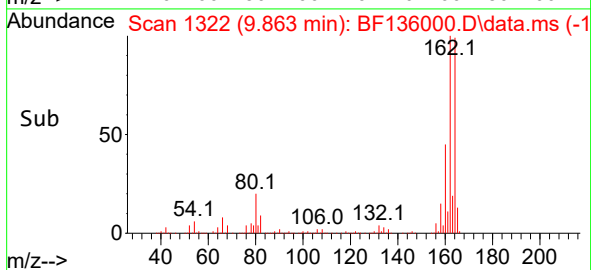
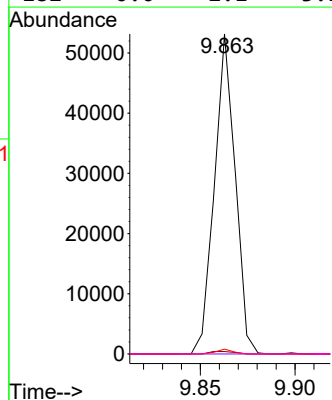
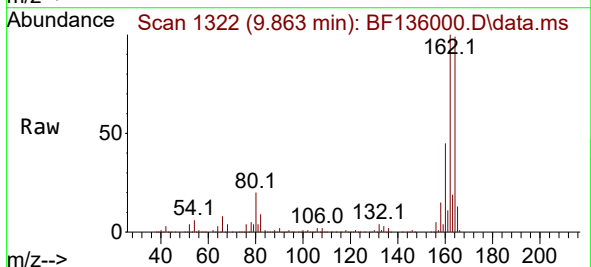
Instrument :
BNA_F
ClientSampleId :
PB156392BL

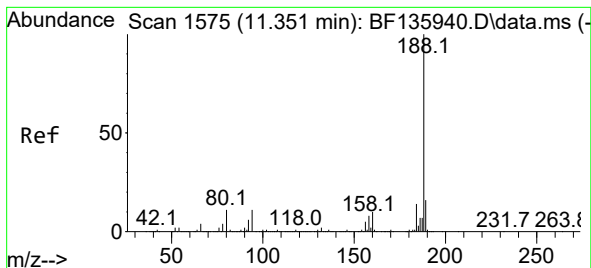
Tgt Ion:165 Resp: 40541
Ion Ratio Lower Upper
165 100
63 0.8 51.7 77.5#
89 1.5 48.3 72.5#



#57
2,4-Dinitrotoluene
Concen: 12.492 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.188 min
Lab File: BF136000.D
Acq: 28 Oct 2023 12:26

Tgt Ion:165 Resp: 40541
Ion Ratio Lower Upper
165 100
63 0.8 33.7 50.5#
89 1.5 54.6 81.8#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF136000.D

Acq: 28 Oct 2023 12:26

Instrument :

BNA_F

ClientSampleId :

PB156392BL

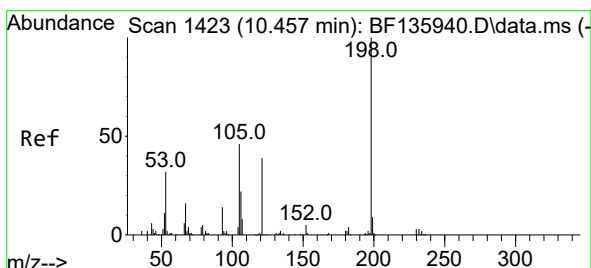
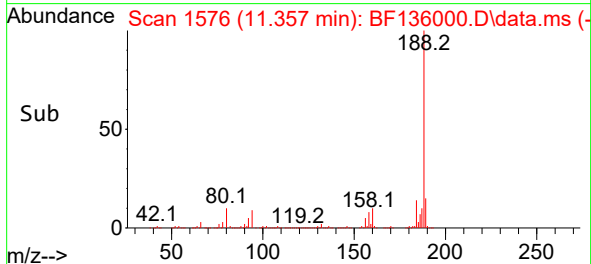
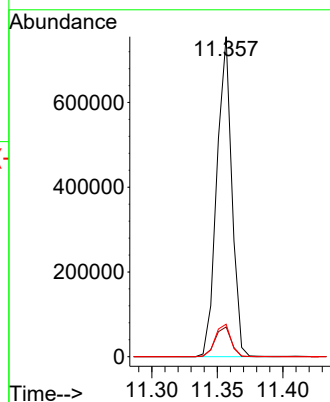
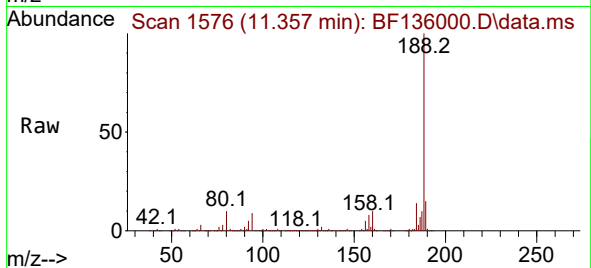
Tgt Ion:188 Resp: 599775

Ion Ratio Lower Upper

188 100

94 9.3 8.6 13.0

80 10.2 9.0 13.6



#65

4,6-Dinitro-2-methylphenol

Concen: 7.532 ng

RT: 10.657 min Scan# 1457

Delta R.T. 0.200 min

Lab File: BF136000.D

Acq: 28 Oct 2023 12:26

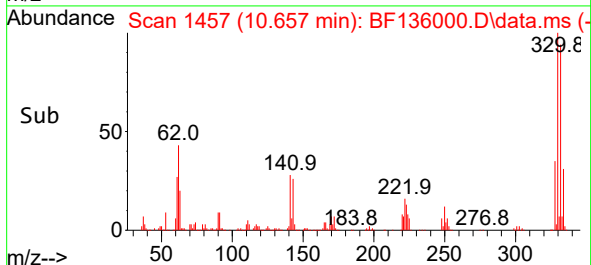
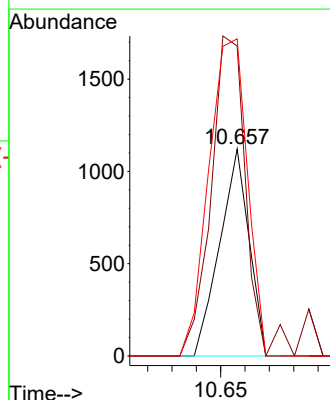
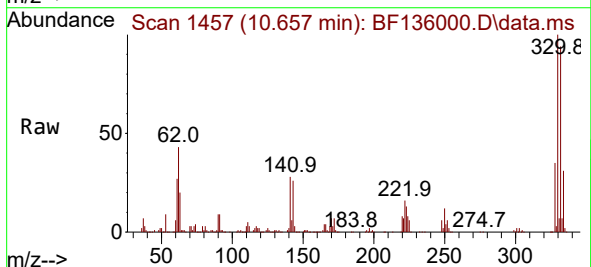
Tgt Ion:198 Resp: 938

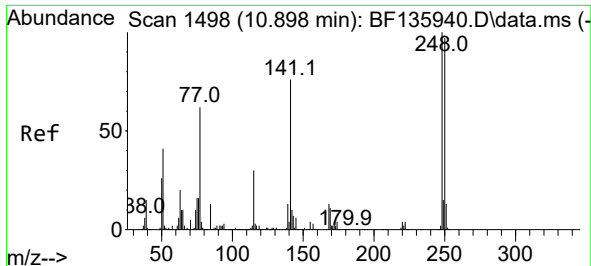
Ion Ratio Lower Upper

198 100

51 149.6 28.7 68.7#

105 153.1 27.2 67.2#

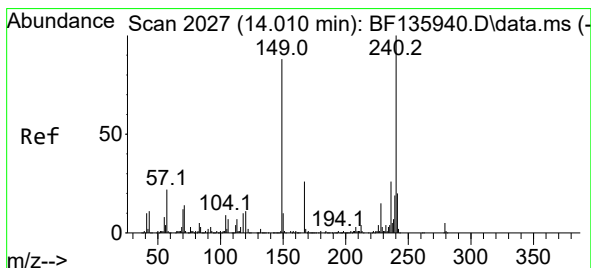
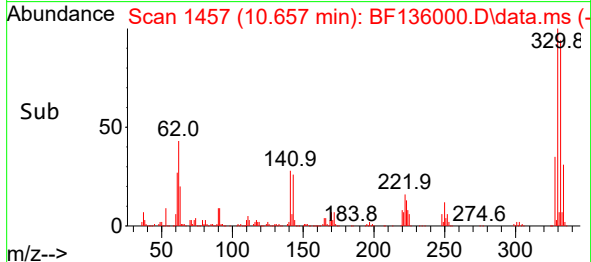
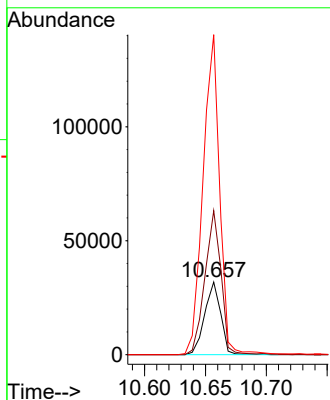
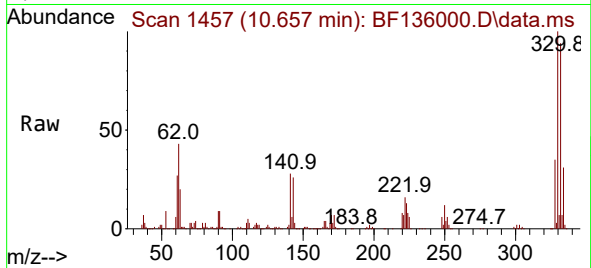




#67
4-Bromophenyl-phenylether
Concen: 4.748 ng
RT: 10.657 min Scan# 1498
Delta R.T. -0.241 min
Lab File: BF136000.D
Acq: 28 Oct 2023 12:26

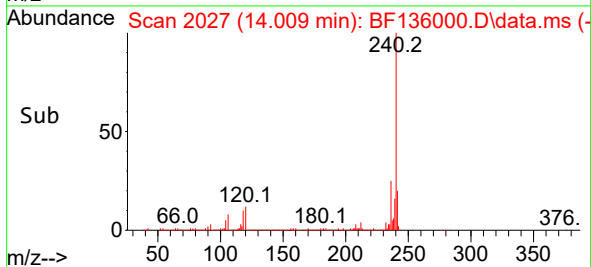
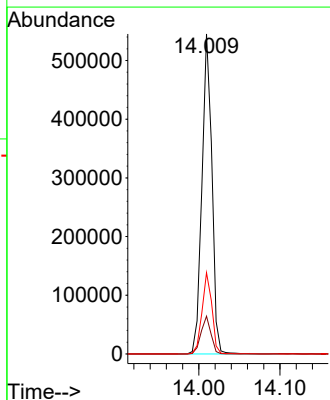
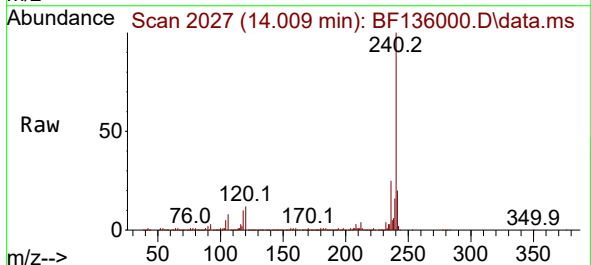
Instrument :
BNA_F
ClientSampleId :
PB156392BL

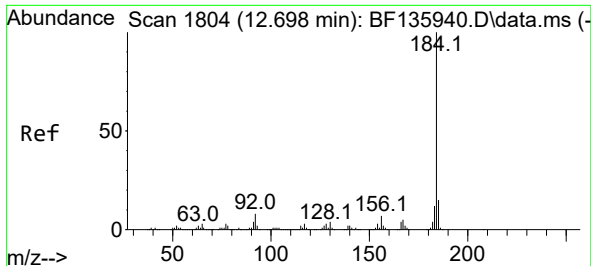
Tgt Ion:248 Resp: 29165
Ion Ratio Lower Upper
248 100
250 198.4 77.9 116.9#
141 440.9 60.8 91.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.009 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BF136000.D
Acq: 28 Oct 2023 12:26

Tgt Ion:240 Resp: 463948
Ion Ratio Lower Upper
240 100
120 11.8 8.6 13.0
236 25.4 20.6 30.8

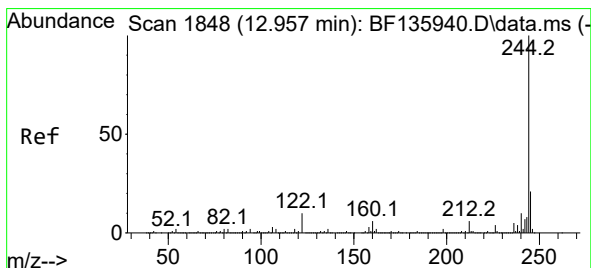
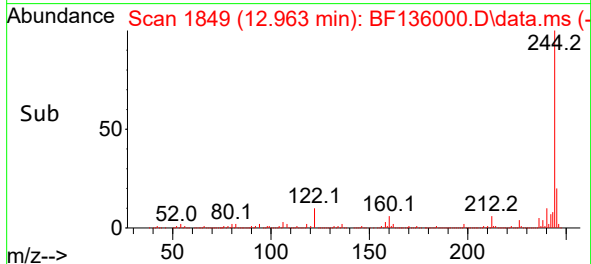
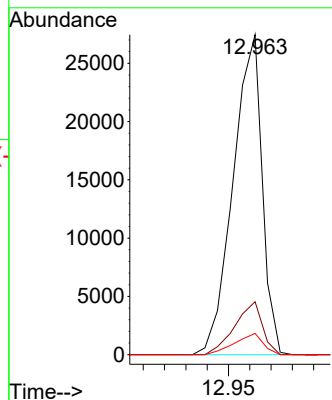
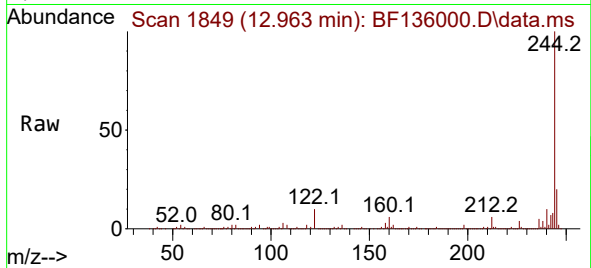




#77
Benzidine
Concen: 2.911 ng
RT: 12.963 min Scan# 1849
Delta R.T. 0.264 min
Lab File: BF136000.D
Acq: 28 Oct 2023 12:26

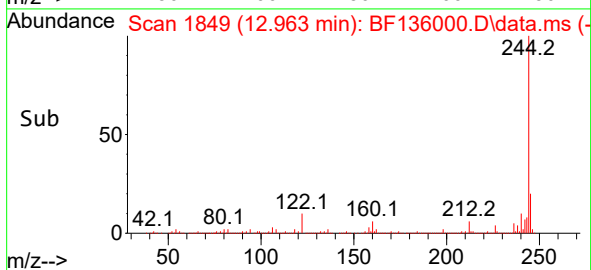
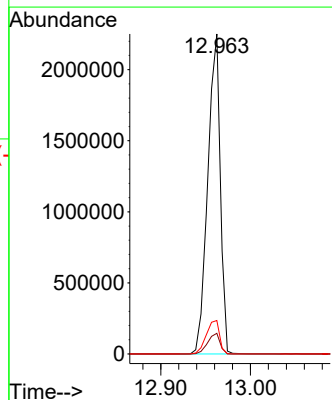
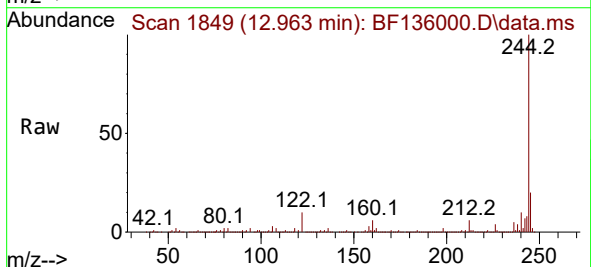
Instrument :
BNA_F
ClientSampleId :
PB156392BL

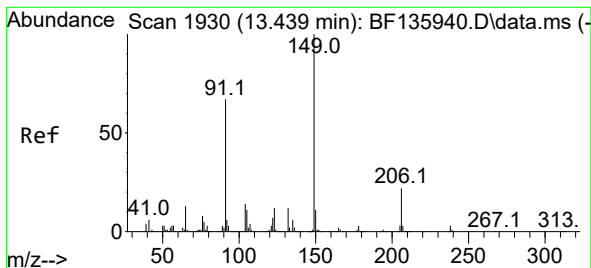
Tgt Ion:184 Resp: 26040
Ion Ratio Lower Upper
184 100
185 16.6 11.7 17.5
183 6.6 9.2 13.8#



#79
Terphenyl-d14
Concen: 78.507 ng
RT: 12.963 min Scan# 1849
Delta R.T. 0.006 min
Lab File: BF136000.D
Acq: 28 Oct 2023 12:26

Tgt Ion:244 Resp: 2180010
Ion Ratio Lower Upper
244 100
212 6.4 5.0 7.6
122 10.5 8.0 12.0





#80

Butylbenzylphthalate

Concen: 3.834 ng

RT: 13.492 min Scan# 1930

Delta R.T. 0.053 min

Lab File: BF136000.D

Acq: 28 Oct 2023 12:26

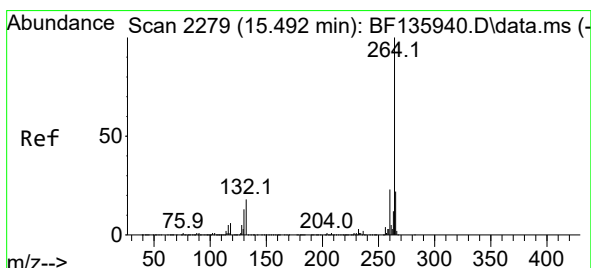
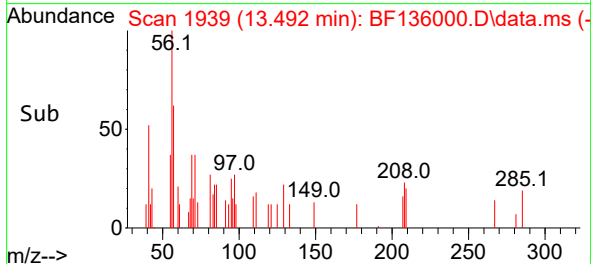
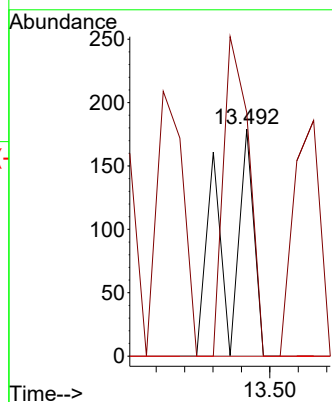
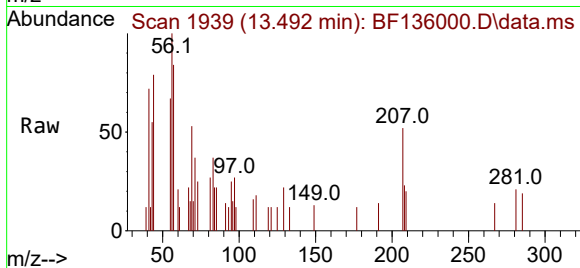
Instrument :

BNA_F

ClientSampleId :

PB156392BL

Tgt Ion:	149	Resp:	120
Ion Ratio	Lower	Upper	
149	100		
91	107.3	53.4	80.0#
206	0.0	17.5	26.3#



#86

Perylene-d12

Concen: 20.000 ng

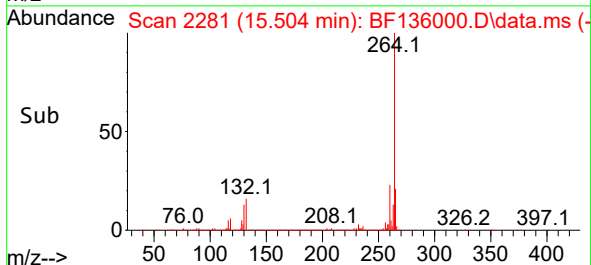
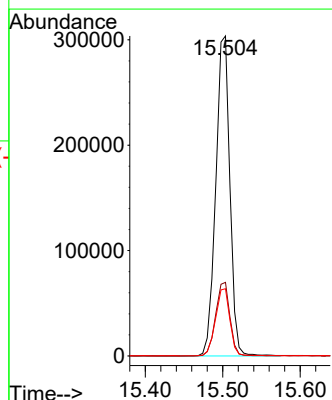
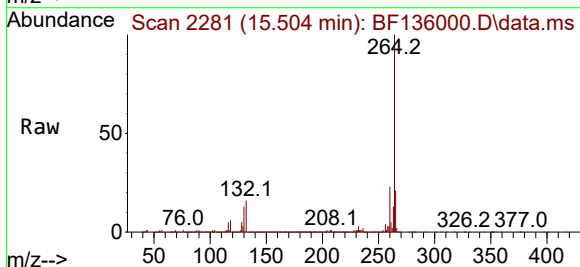
RT: 15.504 min Scan# 2281

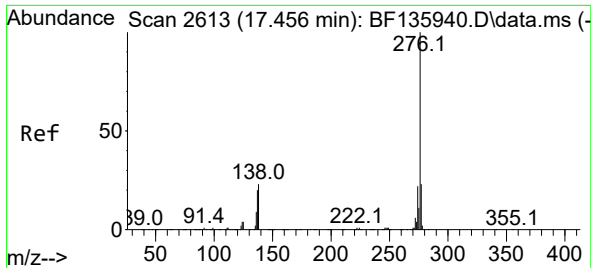
Delta R.T. 0.012 min

Lab File: BF136000.D

Acq: 28 Oct 2023 12:26

Tgt Ion:	264	Resp:	385818
Ion Ratio	Lower	Upper	
264	100		
260	23.0	18.6	28.0
265	21.0	17.3	25.9





#92
 Benzo(g,h,i)perylene
 Concen: 3.826 ng
 RT: 17.456 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: BF136000.D
 Acq: 28 Oct 2023 12:26

Instrument :
 BNA_F
 ClientSampleId :
 PB156392BL

Tgt Ion:276 Resp: 1583
 Ion Ratio Lower Upper
 276 100
 277 51.0 18.6 28.0#
 138 51.2 18.4 27.6#

