

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102723\
 Data File : BF135978.D
 Acq On : 27 Oct 2023 11:45
 Operator : CG\JU
 Sample : PB156430BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156430BL

Quant Time: Oct 27 22:29:04 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)

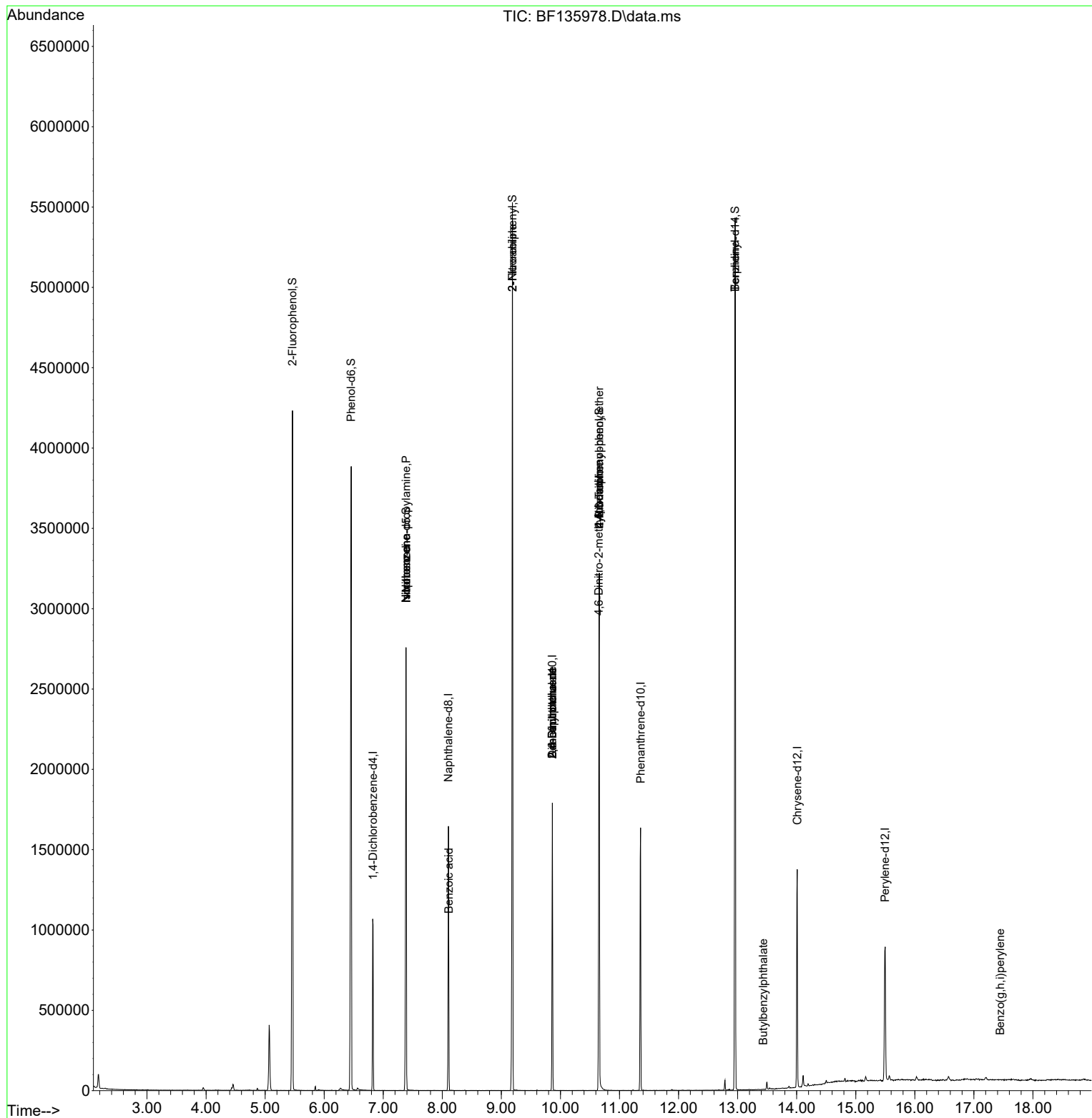
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	161848	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	635499	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	319258	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	597109	20.000	ng	0.00
76) Chrysene-d12	14.010	240	456970	20.000	ng	0.00
86) Perylene-d12	15.498	264	411396	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1261228	120.332	ng	0.01
7) Phenol-d6	6.457	99	1538069	117.871	ng	0.00
23) Nitrobenzene-d5	7.387	82	905402	91.197	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	415656	148.743	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1676278	84.074	ng	0.00
79) Terphenyl-d14	12.957	244	2066132	75.542	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.387	70	119293	16.077	ng	# 77
24) Nitrobenzene	7.387	77	2737	2.828	ng	# 30
25) Isophorone	7.387	82	904982	45.052	ng	# 64
32) Benzoic acid	8.110	122	74	5.738	ng	# 1
48) 2-Nitroaniline	9.186	65	2640	4.783	ng	# 1
50) Dimethylphthalate	9.863	163	65967	3.186	ng	# 1
51) 2,6-Dinitrotoluene	9.863	165	41535	13.559	ng	# 21
57) 2,4-Dinitrotoluene	9.863	165	41535	12.697	ng	# 26
62) 4-Nitroaniline	10.657	138	68	4.661	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.651	198	833	7.465	ng	# 1
67) 4-Bromophenyl-phenylether	10.657	248	25373	4.149	ng	# 1
77) Benzidine	12.957	184	25183	2.858	ng	# 93
80) Butylbenzylphthalate	13.433	149	73	3.832	ng	# 26
92) Benzo(g,h,i)perylene	17.445	276	1208	3.807	ng	# 64

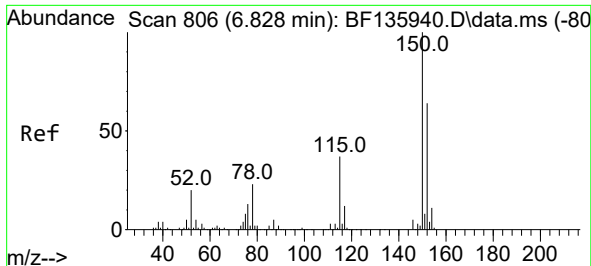
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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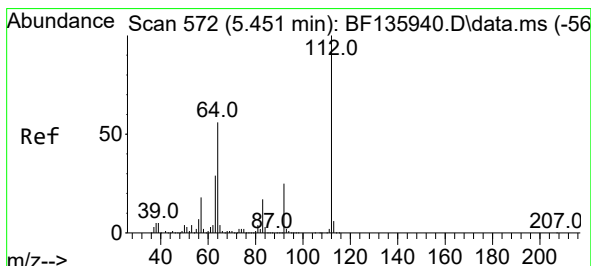
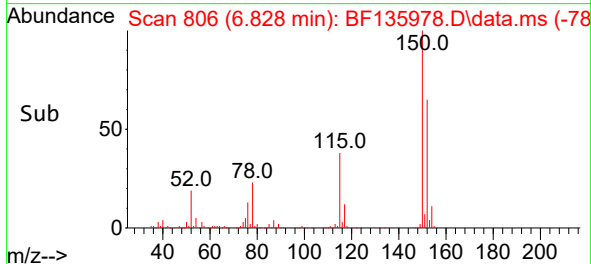
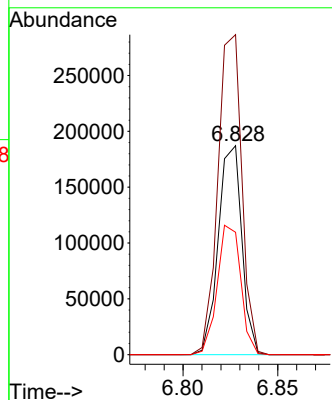
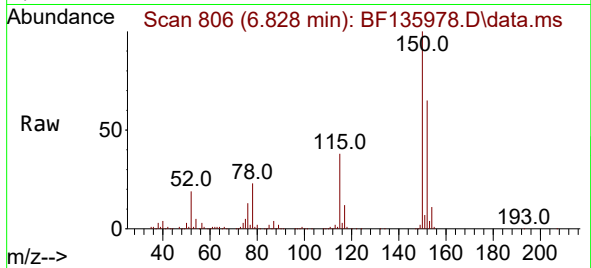




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF135978.D
Acq: 27 Oct 2023 11:45

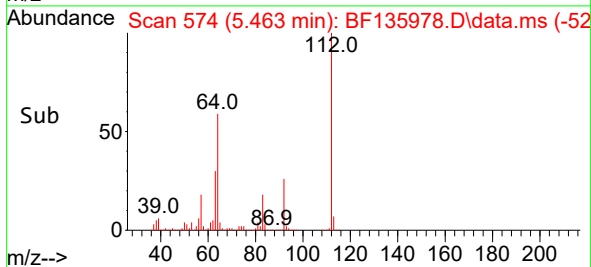
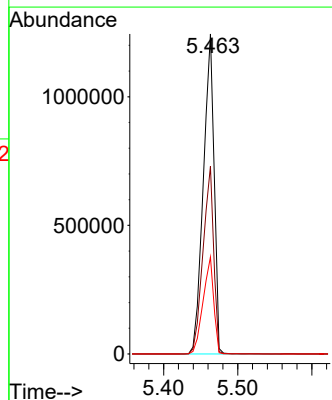
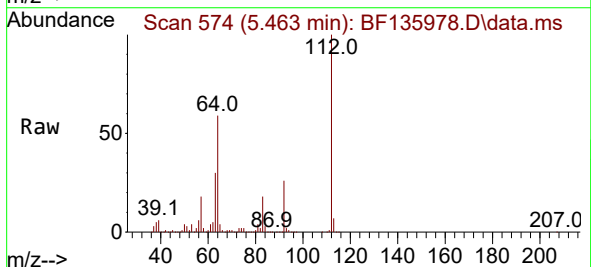
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BNA_F
ClientSampleId :
PB156430BL

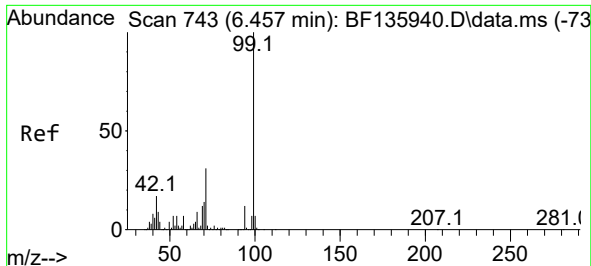
Tgt Ion:152 Resp: 161848
Ion Ratio Lower Upper
152 100
150 153.1 124.6 186.8
115 58.6 46.6 69.8



#5
2-Fluorophenol
Concen: 120.332 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.012 min
Lab File: BF135978.D
Acq: 27 Oct 2023 11:45

Tgt Ion:112 Resp: 1261228
Ion Ratio Lower Upper
112 100
64 58.6 45.1 67.7
63 30.3 23.0 34.4

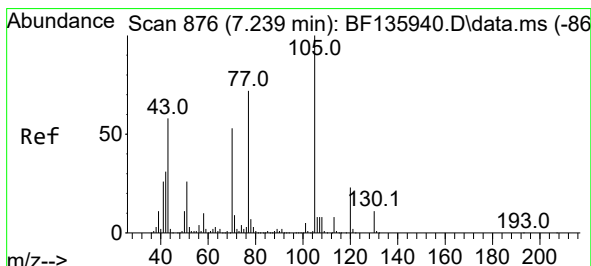
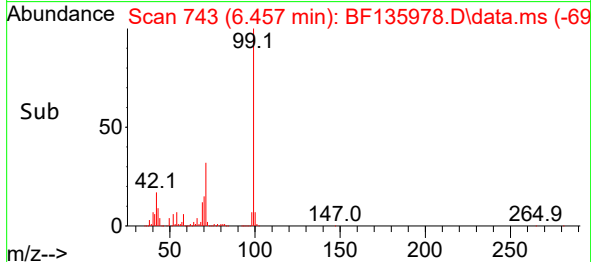
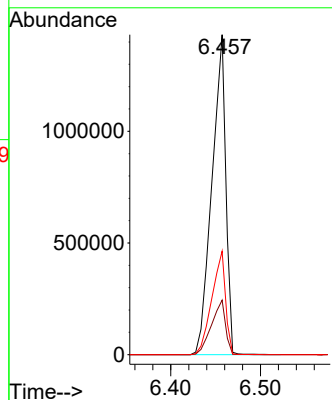
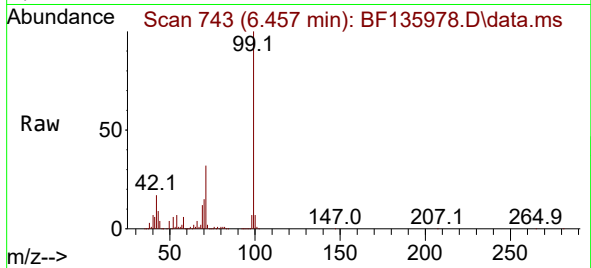




#7
Phenol-d6
Concen: 117.871 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF135978.D
Acq: 27 Oct 2023 11:45

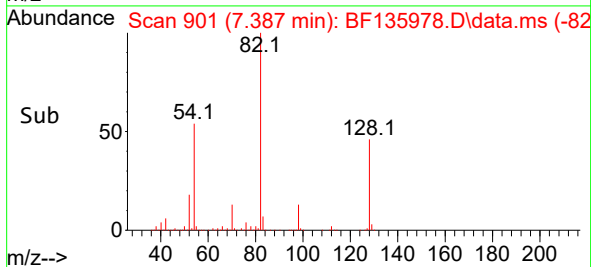
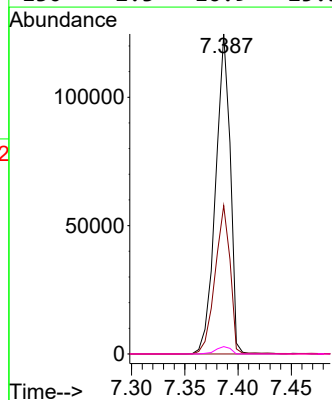
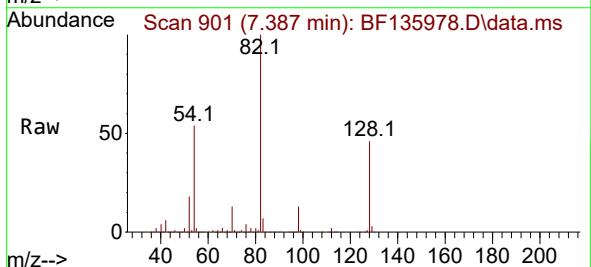
Instrument :
BNA_F
ClientSampleId :
PB156430BL

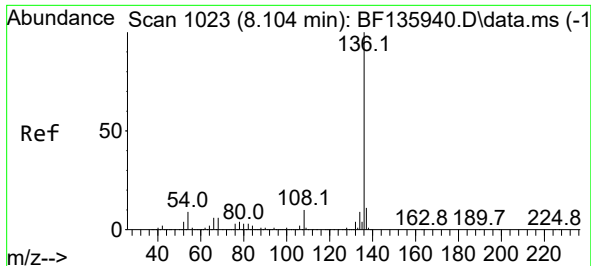
Tgt Ion: 99 Resp: 1538069
Ion Ratio Lower Upper
99 100
42 17.1 13.8 20.8
71 32.3 25.1 37.7



#19
n-Nitroso-di-n-propylamine
Concen: 16.077 ng
RT: 7.387 min Scan# 901
Delta R.T. 0.147 min
Lab File: BF135978.D
Acq: 27 Oct 2023 11:45

Tgt Ion: 70 Resp: 119293
Ion Ratio Lower Upper
70 100
42 46.4 47.3 70.9#
101 0.0 7.8 11.8#
130 2.3 16.9 25.3#

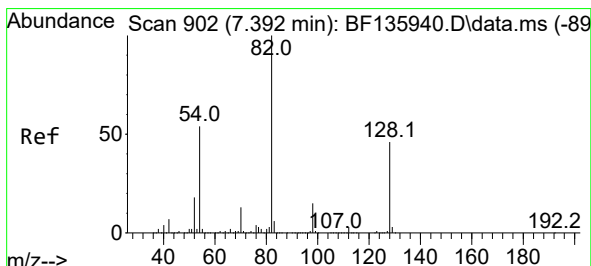
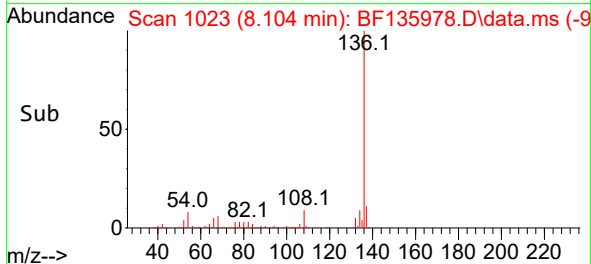
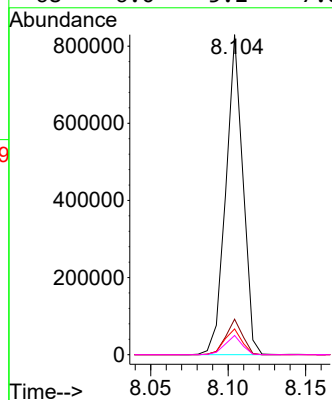
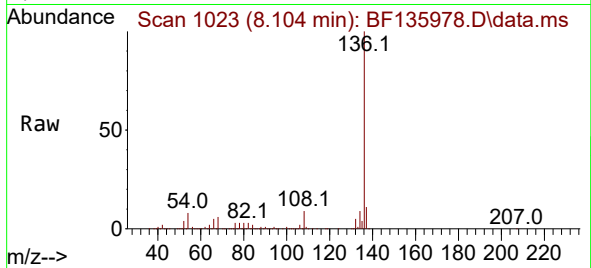




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF135978.D
Acq: 27 Oct 2023 11:45

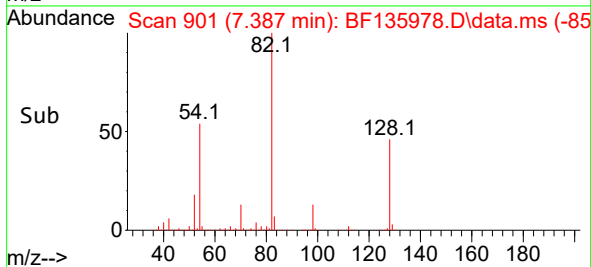
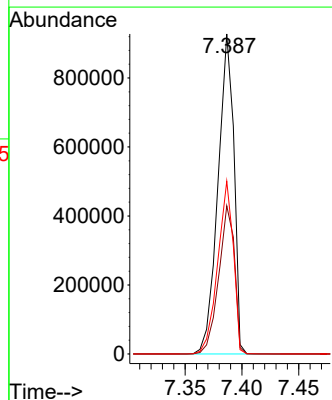
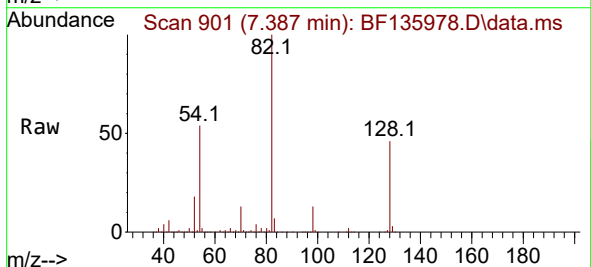
Instrument :
BNA_F
ClientSampleId :
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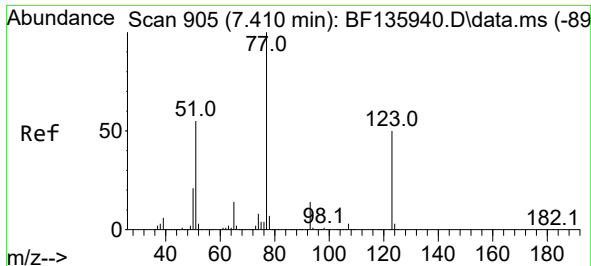
Tgt Ion:136 Resp: 635499
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 8.0 7.1 10.7
68 6.0 5.2 7.8



#23
Nitrobenzene-d5
Concen: 91.197 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.005 min
Lab File: BF135978.D
Acq: 27 Oct 2023 11:45

Tgt Ion: 82 Resp: 905402
Ion Ratio Lower Upper
82 100
128 46.3 36.8 55.2
54 54.0 43.4 65.0

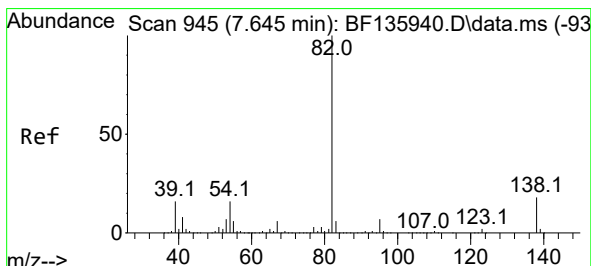
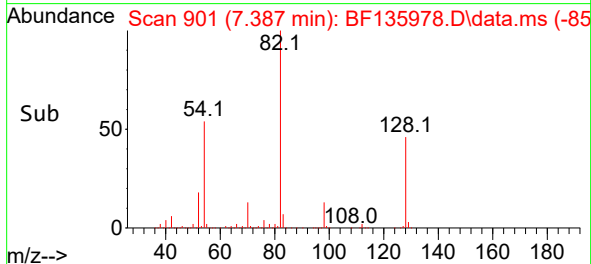
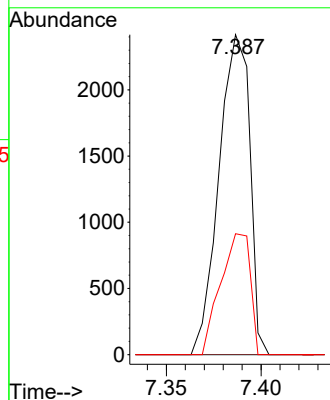
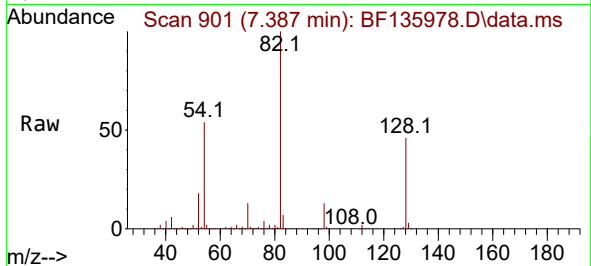




#24
Nitrobenzene
Concen: 2.828 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.023 min
Lab File: BF135978.D
Acq: 27 Oct 2023 11:45

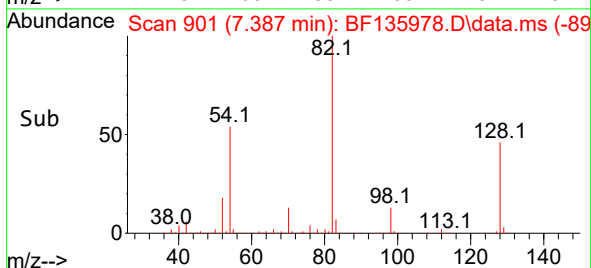
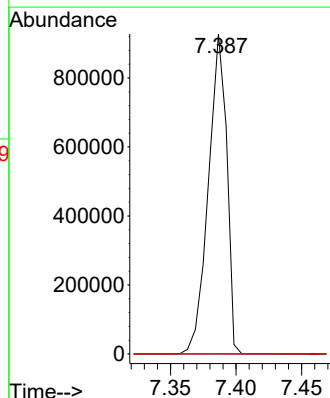
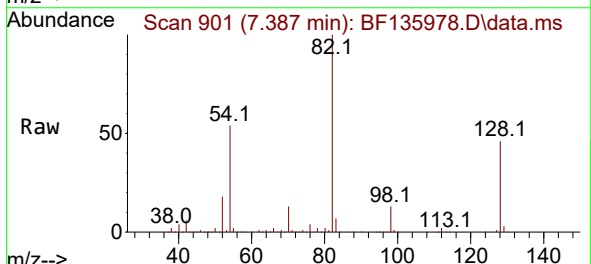
Instrument :
BNA_F
ClientSampleId :
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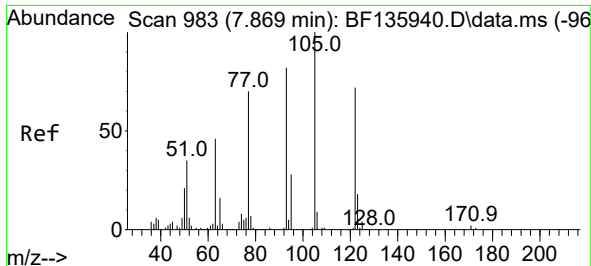
Tgt Ion: 77 Resp: 2737
Ion Ratio Lower Upper
77 100
123 0.0 40.2 60.2#
65 37.8 11.0 16.4#



#25
Isophorone
Concen: 45.052 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.259 min
Lab File: BF135978.D
Acq: 27 Oct 2023 11:45

Tgt Ion: 82 Resp: 904982
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.8 22.2#

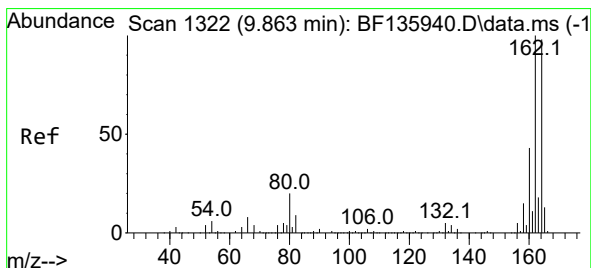
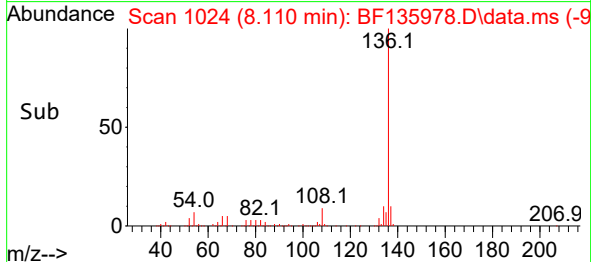
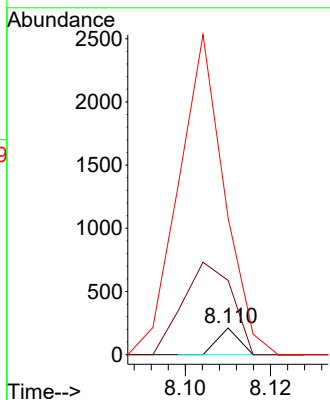
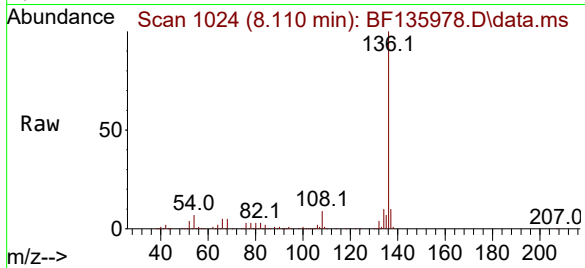




#32
Benzoic acid
Concen: 5.738 ng
RT: 8.110 min Scan# 1024
Delta R.T. 0.241 min
Lab File: BF135978.D
Acq: 27 Oct 2023 11:45

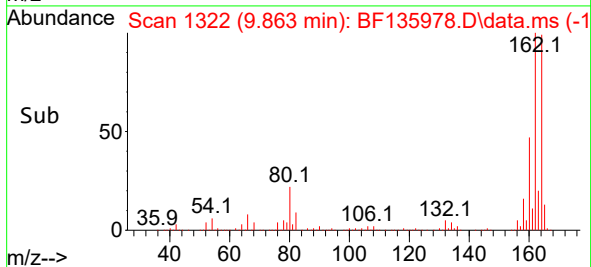
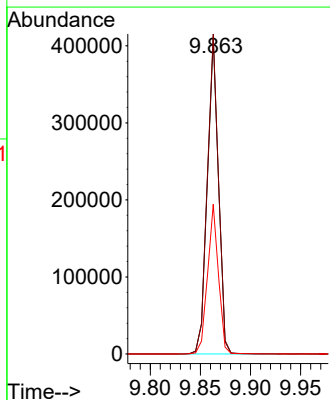
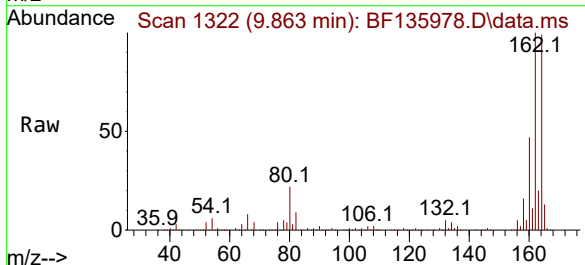
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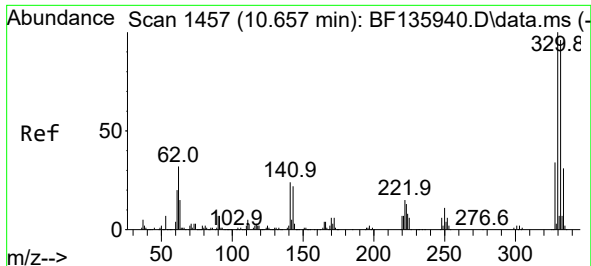
Tgt Ion:122 Resp: 74
Ion Ratio Lower Upper
122 100
105 278.2 113.1 153.1#
77 512.8 75.2 115.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF135978.D
Acq: 27 Oct 2023 11:45

Tgt Ion:164 Resp: 319258
Ion Ratio Lower Upper
164 100
162 101.1 82.0 123.0
160 47.3 35.6 53.4

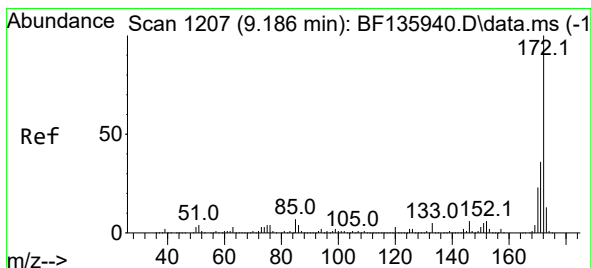
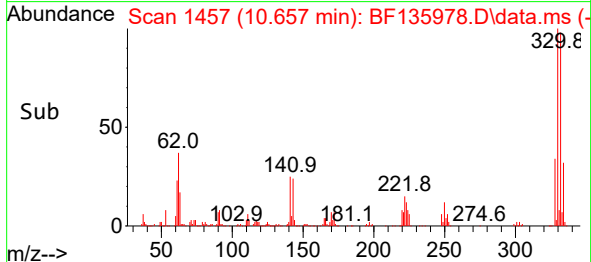
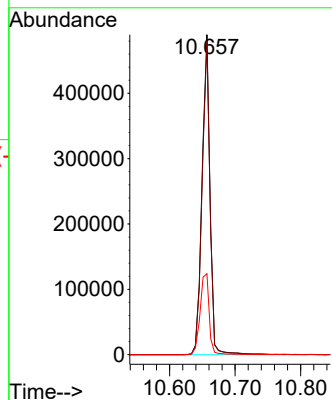
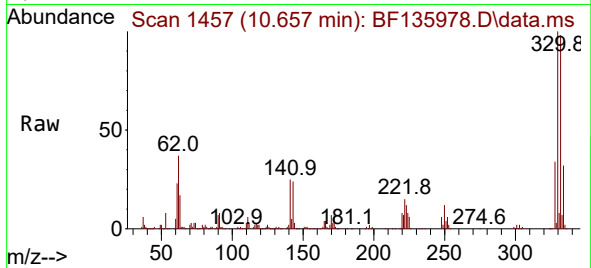




#42
 2,4,6-Tribromophenol
 Concen: 148.743 ng
 RT: 10.657 min Scan# 1457
 Delta R.T. 0.000 min
 Lab File: BF135978.D
 Acq: 27 Oct 2023 11:45

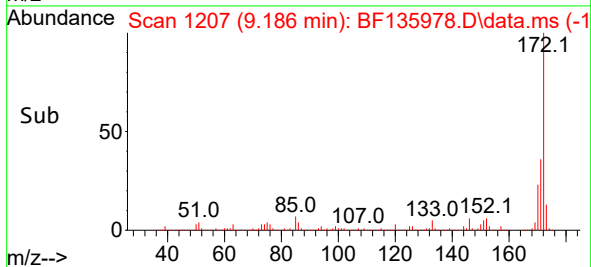
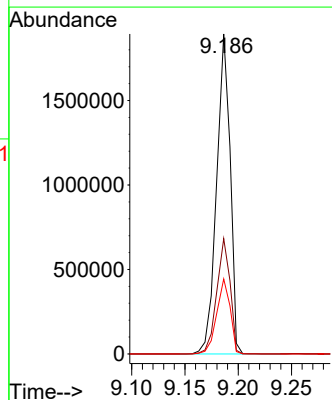
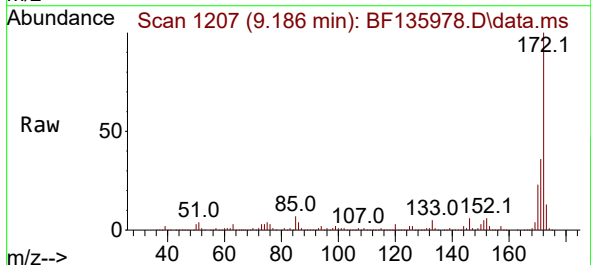
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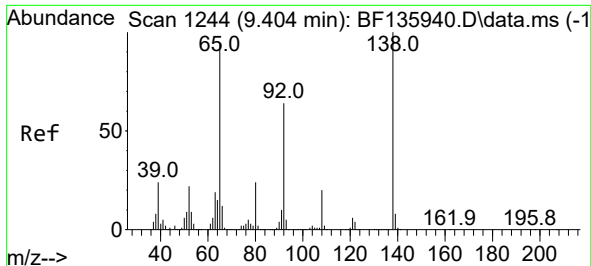
Tgt Ion:330 Resp: 415656
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.4 116.2
 141 29.1 24.9 37.3



#45
 2-Fluorobiphenyl
 Concen: 84.074 ng
 RT: 9.186 min Scan# 1207
 Delta R.T. 0.000 min
 Lab File: BF135978.D
 Acq: 27 Oct 2023 11:45

Tgt Ion:172 Resp: 1676278
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 43.0
 170 23.4 18.6 28.0





#48

2-Nitroaniline

Concen: 4.783 ng

RT: 9.186 min Scan# 11

Delta R.T. -0.218 min

Lab File: BF135978.D

Acq: 27 Oct 2023 11:45

Instrument :

BNA_F

ClientSampleId :

PB156430BL

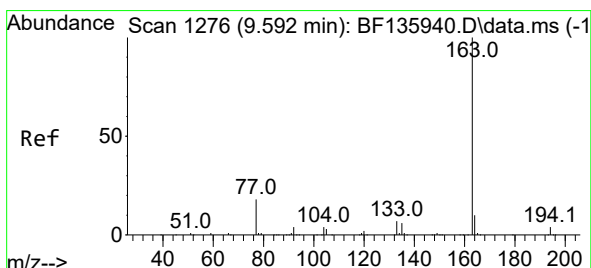
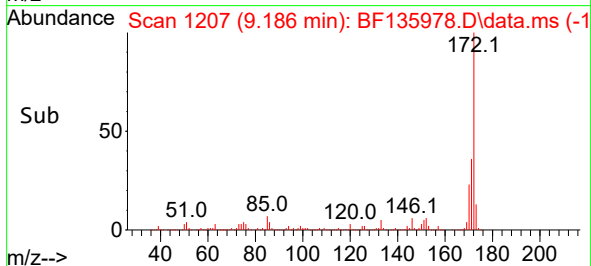
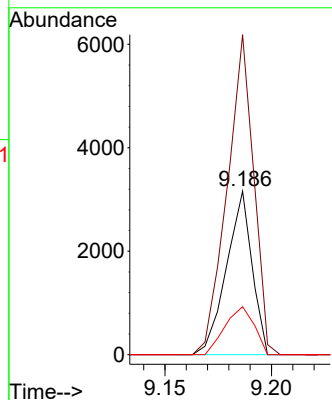
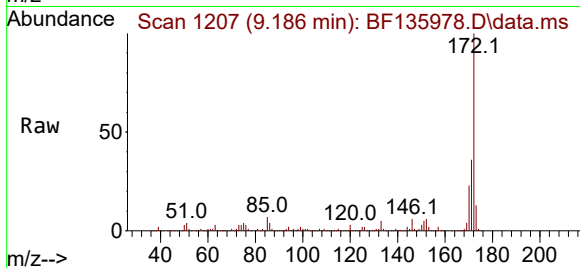
Tgt Ion: 65 Resp: 2640

Ion Ratio Lower Upper

65 100

92 195.6 54.9 82.3#

138 29.4 85.2 127.8#



#50

Dimethylphthalate

Concen: 3.186 ng

RT: 9.863 min Scan# 1322

Delta R.T. 0.271 min

Lab File: BF135978.D

Acq: 27 Oct 2023 11:45

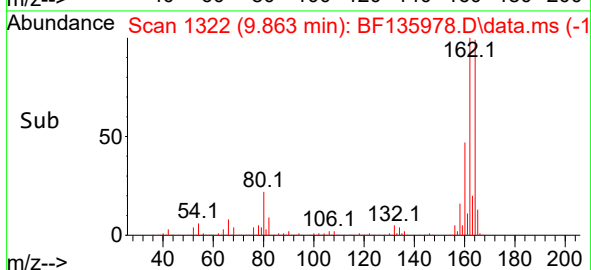
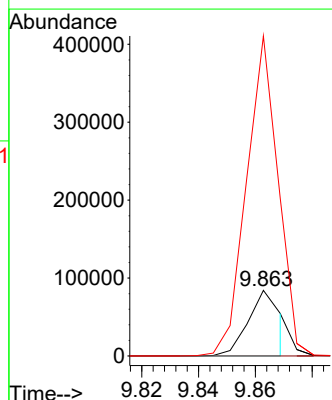
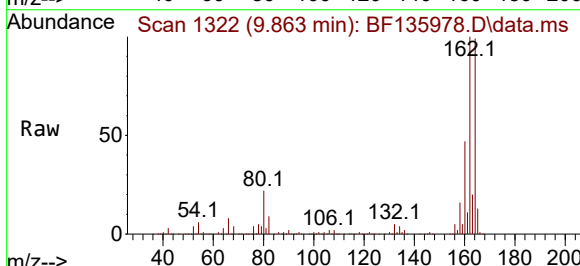
Tgt Ion:163 Resp: 65967

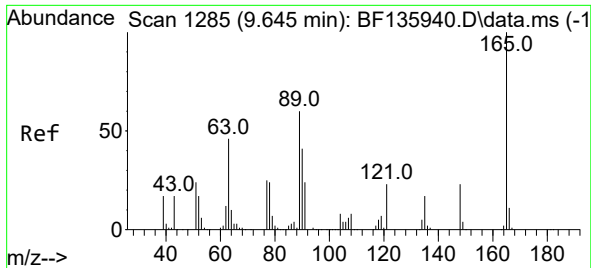
Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.0#

164 488.2 8.3 12.5#

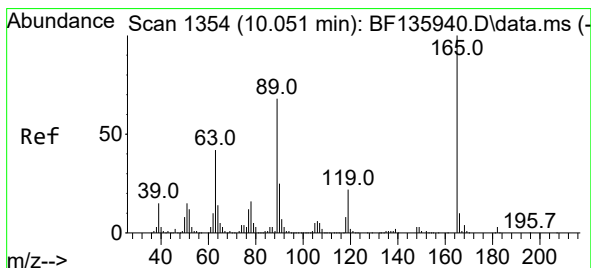
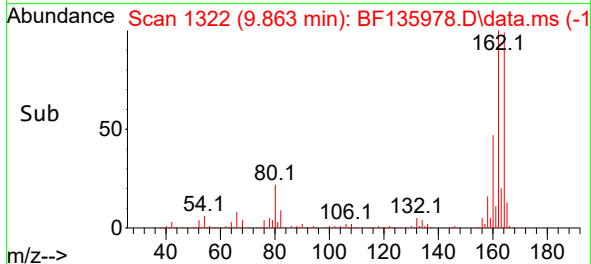
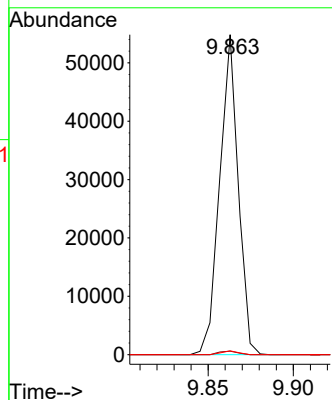
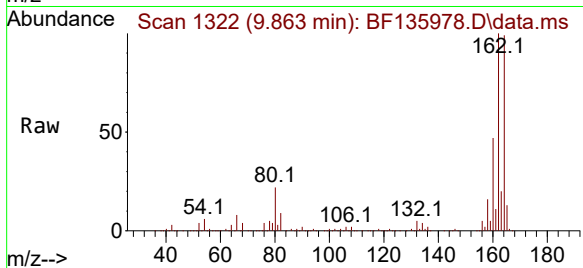




#51
2,6-Dinitrotoluene
Concen: 13.559 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF135978.D
Acq: 27 Oct 2023 11:45

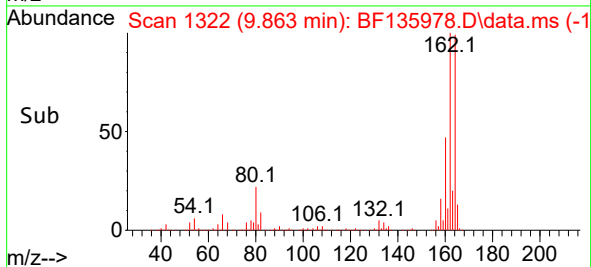
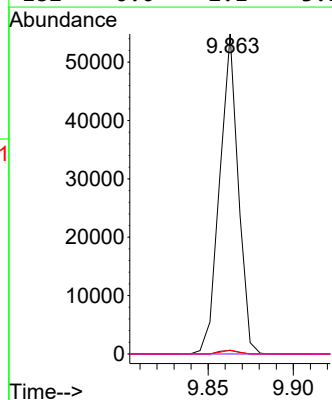
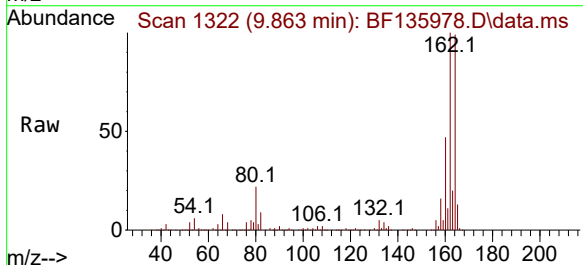
Instrument :
BNA_F
ClientSampleId :
PB156430BL

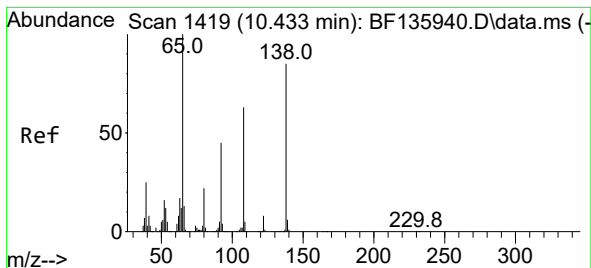
Tgt Ion:165 Resp: 41535
Ion Ratio Lower Upper
165 100
63 1.1 51.7 77.5#
89 1.2 48.3 72.5#



#57
2,4-Dinitrotoluene
Concen: 12.697 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.188 min
Lab File: BF135978.D
Acq: 27 Oct 2023 11:45

Tgt Ion:165 Resp: 41535
Ion Ratio Lower Upper
165 100
63 1.1 33.7 50.5#
89 1.2 54.6 81.8#
182 0.0 2.1 3.1#

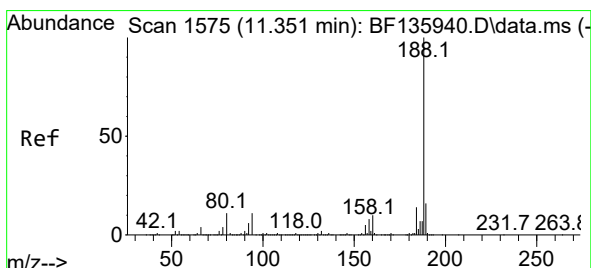
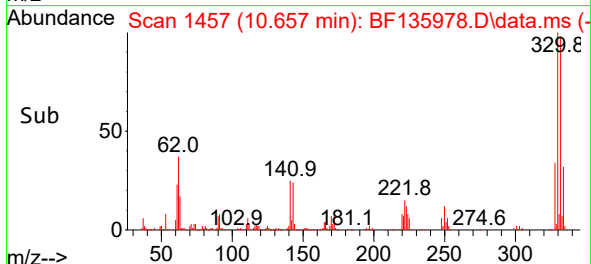
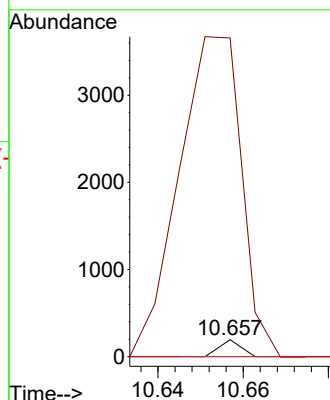
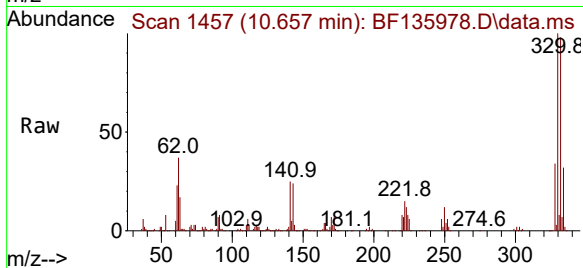




#62
4-Nitroaniline
Concen: 4.661 ng
RT: 10.657 min Scan# 1419
Delta R.T. 0.224 min
Lab File: BF135978.D
Acq: 27 Oct 2023 11:45

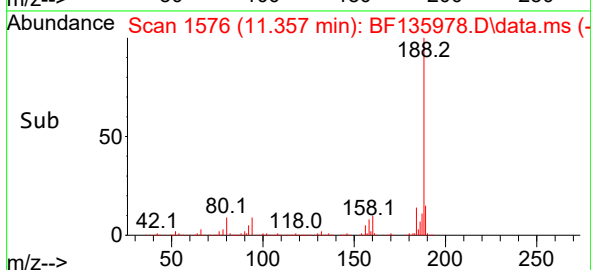
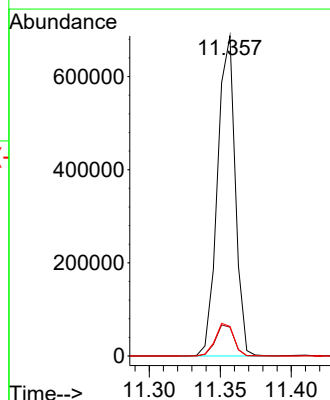
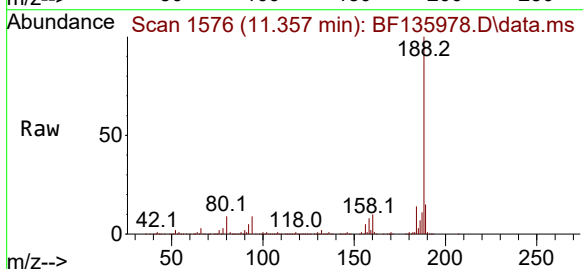
Instrument :
BNA_F
ClientSampleId :
PB156430BL

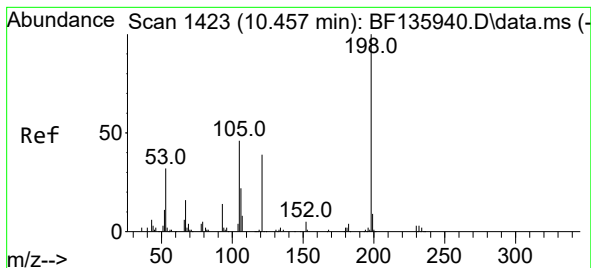
Tgt Ion:138 Resp: 68
Ion Ratio Lower Upper
138 100
92 1884.5 32.9 72.9#
108 0.0 53.5 93.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. 0.006 min
Lab File: BF135978.D
Acq: 27 Oct 2023 11:45

Tgt Ion:188 Resp: 597109
Ion Ratio Lower Upper
188 100
94 9.0 8.6 13.0
80 9.3 9.0 13.6

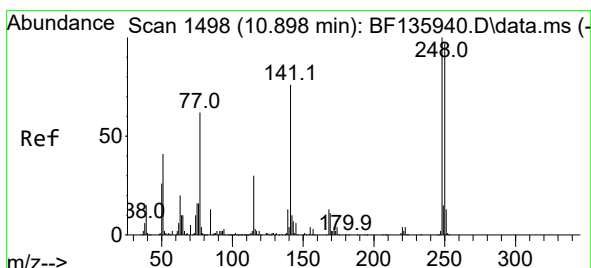
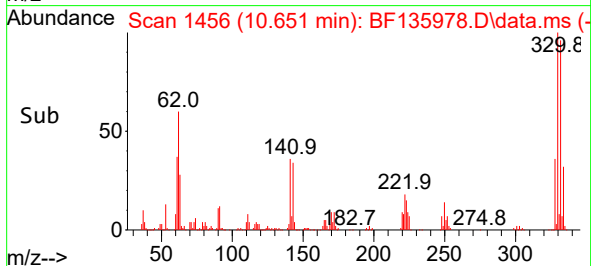
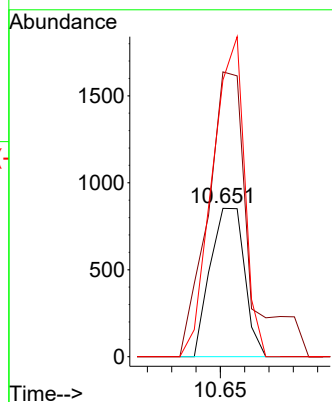
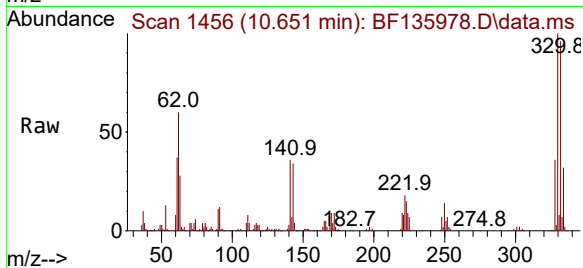




#65
4,6-Dinitro-2-methylphenol
Concen: 7.465 ng
RT: 10.651 min Scan# 1456
Delta R.T. 0.194 min
Lab File: BF135978.D
Acq: 27 Oct 2023 11:45

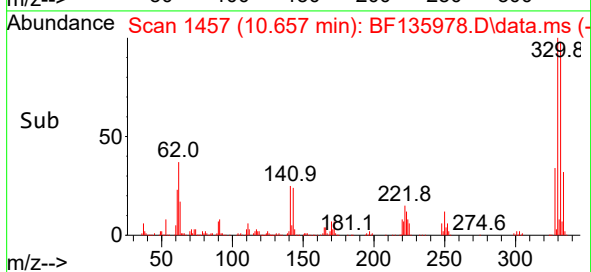
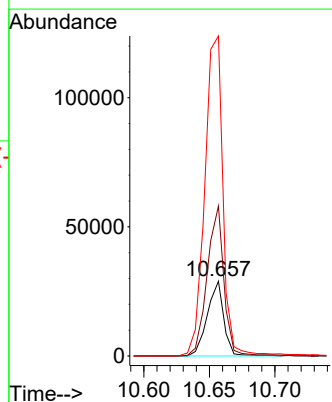
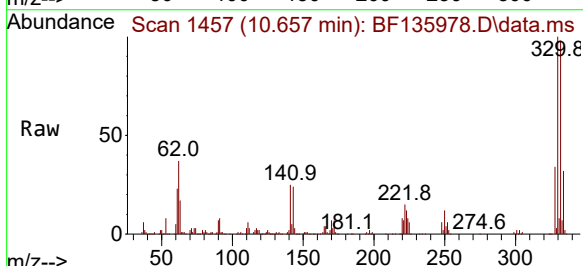
Instrument :
BNA_F
ClientSampleId :
PB156430BL

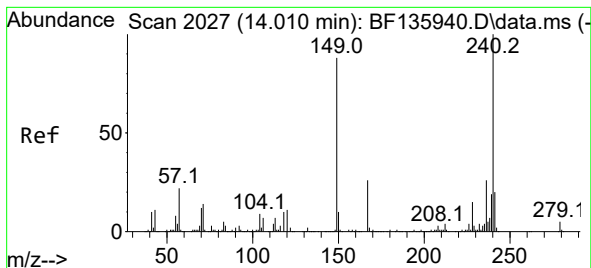
Tgt Ion:198 Resp: 833
Ion Ratio Lower Upper
198 100
51 192.0 28.7 68.7#
105 186.5 27.2 67.2#



#67
4-Bromophenyl-phenylether
Concen: 4.149 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.241 min
Lab File: BF135978.D
Acq: 27 Oct 2023 11:45

Tgt Ion:248 Resp: 25373
Ion Ratio Lower Upper
248 100
250 200.7 77.9 116.9#
141 428.4 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: BF135978.D

Acq: 27 Oct 2023 11:45

Instrument :

BNA_F

ClientSampleId :

PB156430BL

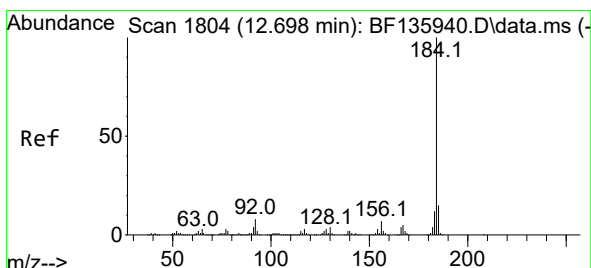
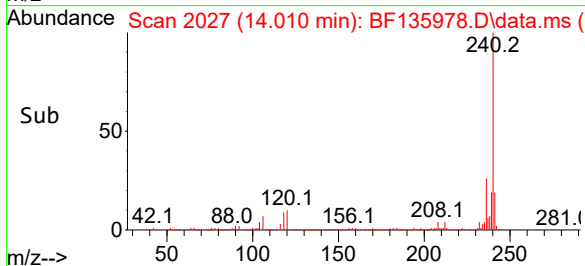
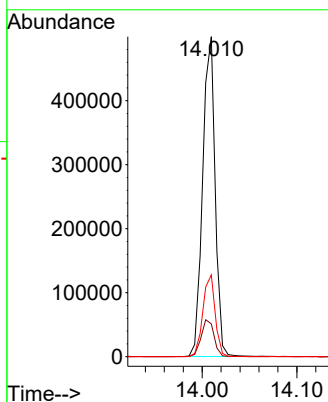
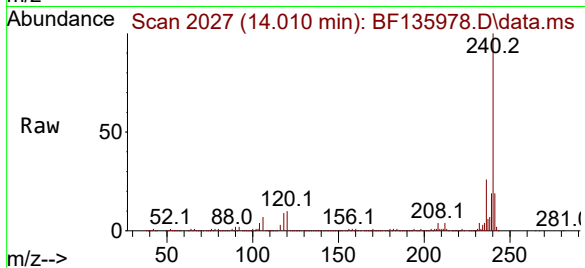
Tgt Ion:240 Resp: 456970

Ion Ratio Lower Upper

240 100

120 10.3 8.6 13.0

236 25.6 20.6 30.8



#77

Benzidine

Concen: 2.858 ng

RT: 12.957 min Scan# 1848

Delta R.T. 0.259 min

Lab File: BF135978.D

Acq: 27 Oct 2023 11:45

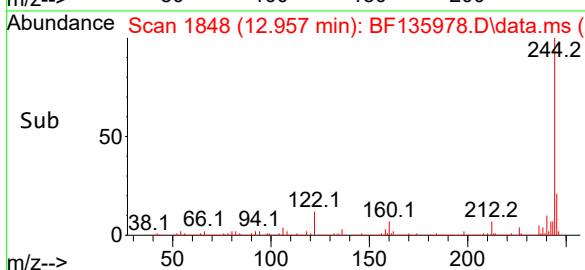
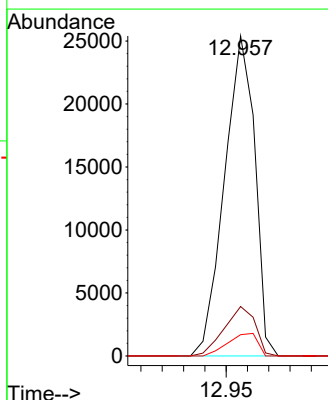
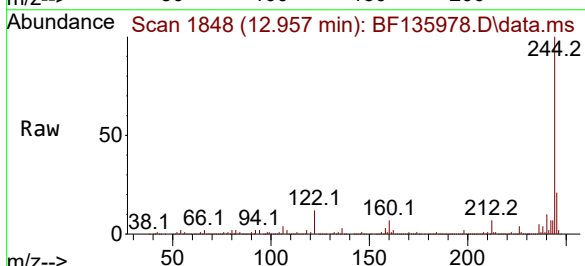
Tgt Ion:184 Resp: 25183

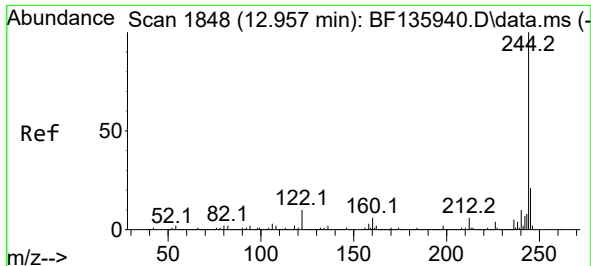
Ion Ratio Lower Upper

184 100

185 15.5 11.7 17.5

183 6.6 9.2 13.8#

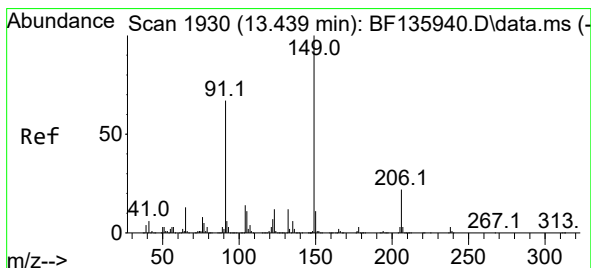
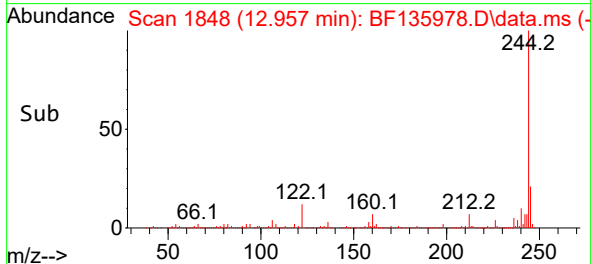
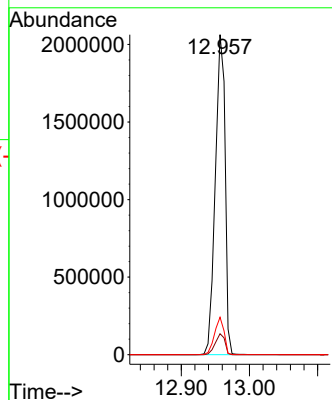
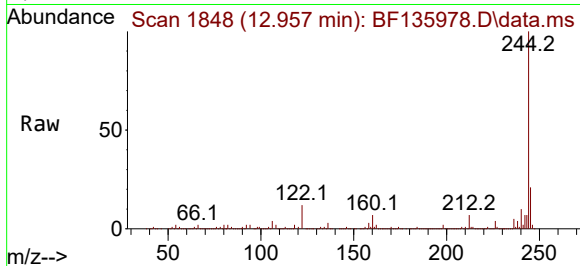




#79
 Terphenyl-d14
 Concen: 75.542 ng
 RT: 12.957 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF135978.D
 Acq: 27 Oct 2023 11:45

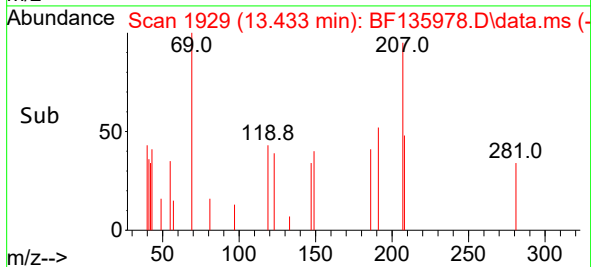
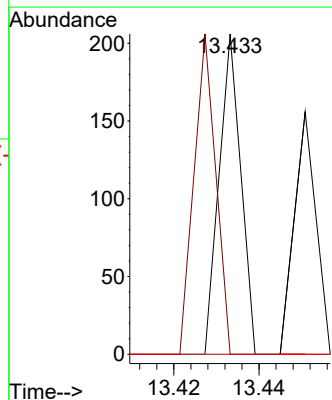
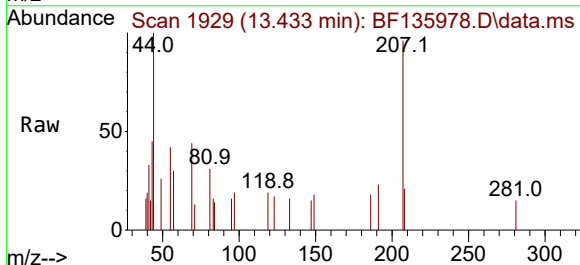
Instrument :
 BNA_F
 ClientSampleId :
 PB156430BL

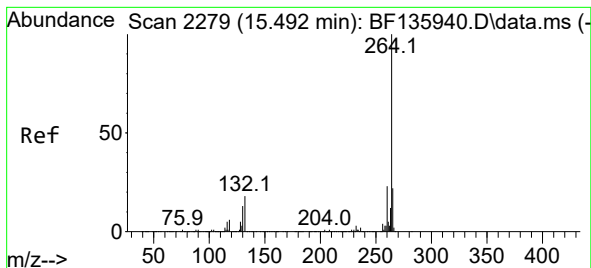
Tgt Ion:244 Resp: 2066132
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.0 7.6
 122 11.7 8.0 12.0



#80
 Butylbenzylphthalate
 Concen: 3.832 ng
 RT: 13.433 min Scan# 1929
 Delta R.T. -0.006 min
 Lab File: BF135978.D
 Acq: 27 Oct 2023 11:45

Tgt Ion:149 Resp: 73
 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: BF135978.D

Acq: 27 Oct 2023 11:45

Instrument :

BNA_F

ClientSampleId :

PB156430BL

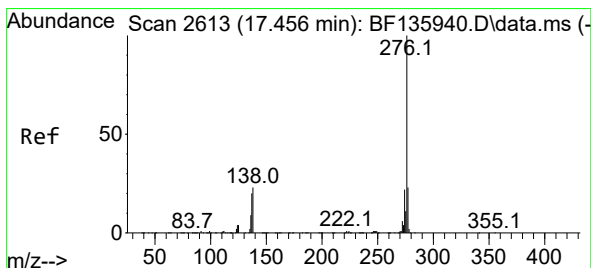
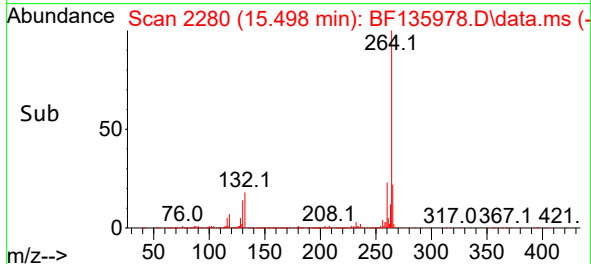
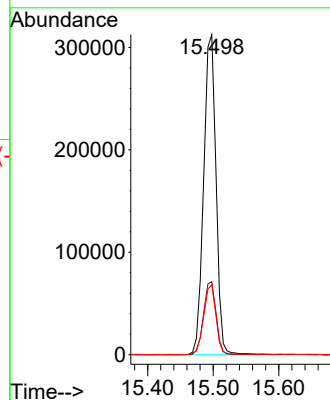
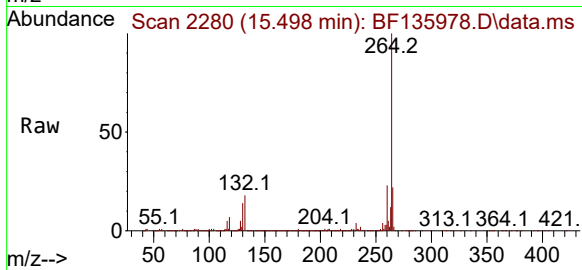
Tgt Ion:264 Resp: 411396

Ion Ratio Lower Upper

264 100

260 22.8 18.6 28.0

265 21.9 17.3 25.9



#92

Benzo(g,h,i)perylene

Concen: 3.807 ng

RT: 17.445 min Scan# 2611

Delta R.T. -0.011 min

Lab File: BF135978.D

Acq: 27 Oct 2023 11:45

Tgt Ion:276 Resp: 1208

Ion Ratio Lower Upper

276 100

277 0.0 18.6 28.0#

138 34.9 18.4 27.6#

