

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102523\
 Data File : BF135956.D
 Acq On : 25 Oct 2023 23:03
 Operator : CG\JU
 Sample : PB155810TB
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155810TB

Quant Time: Oct 26 04:35:22 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)

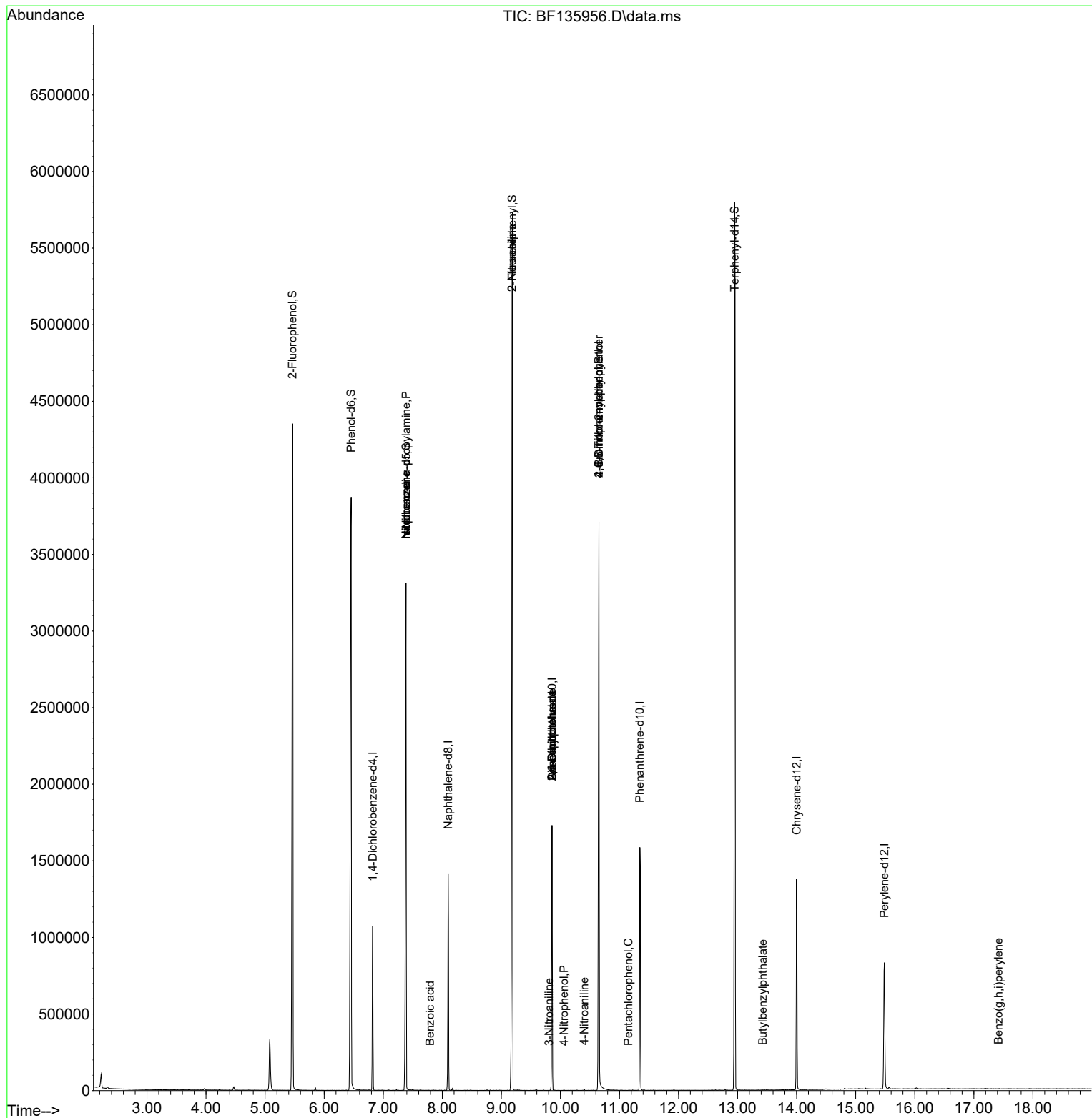
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	144054	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	596706	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	312404	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	588424	20.000	ng	0.00
76) Chrysene-d12	13.998	240	445083	20.000	ng	#-0.01
86) Perylene-d12	15.486	264	390098	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1467956	157.355	ng	0.01
7) Phenol-d6	6.457	99	1805098	155.422	ng	0.00
23) Nitrobenzene-d5	7.387	82	1048295	110.173	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	471697	172.501	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1942716	99.575	ng	0.00
79) Terphenyl-d14	12.951	244	2360822	88.622	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.387	70	139179	21.073	ng	# 76
24) Nitrobenzene	7.387	77	3426	2.910	ng	# 31
25) Isophorone	7.387	82	1046785	55.499	ng	# 64
32) Benzoic acid	7.792	122	80	5.742	ng	# 1
48) 2-Nitroaniline	9.181	65	2882	4.849	ng	# 1
50) Dimethylphthalate	9.857	163	62454	3.083	ng	# 1
51) 2,6-Dinitrotoluene	9.857	165	39867	13.393	ng	# 21
53) 3-Nitroaniline	9.804	138	68	4.574	ng	# 90
56) 4-Nitrophenol	10.063	139	434	6.282	ng	# 11
57) 2,4-Dinitrotoluene	9.857	165	39867	12.565	ng	# 26
62) 4-Nitroaniline	10.404	138	70	4.662	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.651	198	1096	7.648	ng	# 1
67) 4-Bromophenyl-phenylether	10.651	248	28298	4.696	ng	# 1
70) Pentachlorophenol	11.151	266	75	4.242	ng	# 19
80) Butylbenzylphthalate	13.427	149	276	3.845	ng	# 81
92) Benzo(g,h,i)perylene	17.415	276	370	3.774	ng	# 52

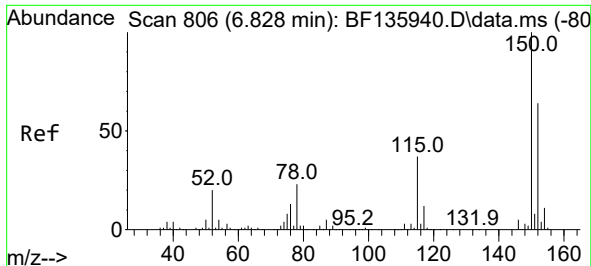
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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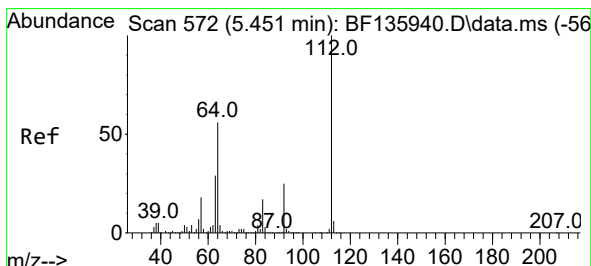
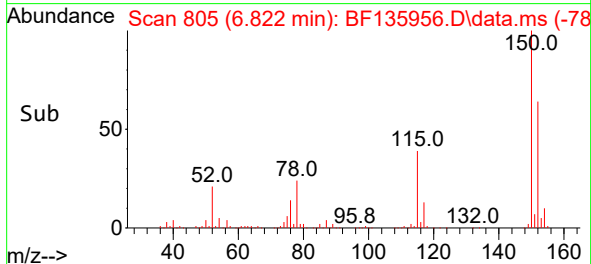
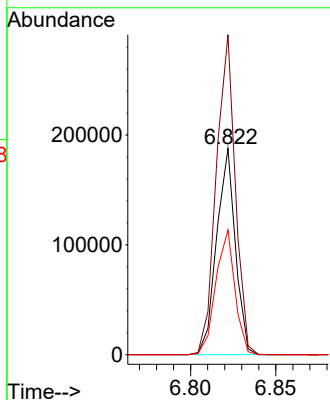
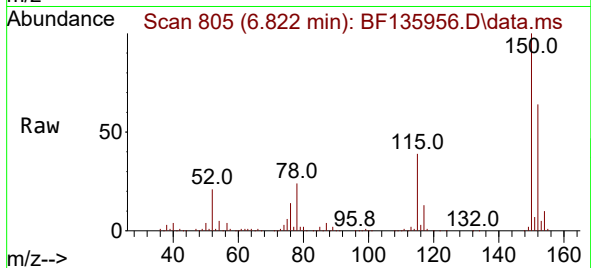




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF135956.D
Acq: 25 Oct 2023 23:03

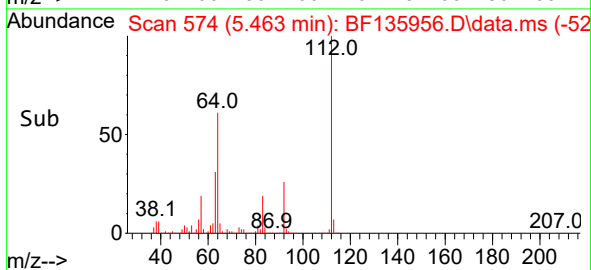
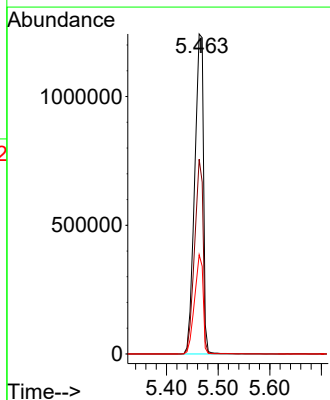
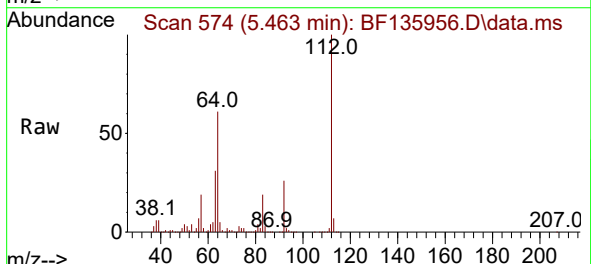
Instrument :
BNA_F
ClientSampleId :
PB155810TB

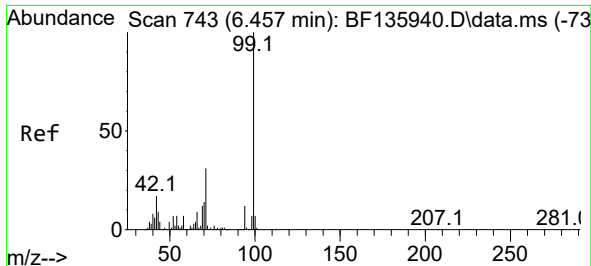
Tgt Ion:152 Resp: 144054
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 60.5 46.6 69.8



#5
2-Fluorophenol
Concen: 157.355 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.012 min
Lab File: BF135956.D
Acq: 25 Oct 2023 23:03

Tgt Ion:112 Resp: 1467956
Ion Ratio Lower Upper
112 100
64 60.9 45.1 67.7
63 31.0 23.0 34.4

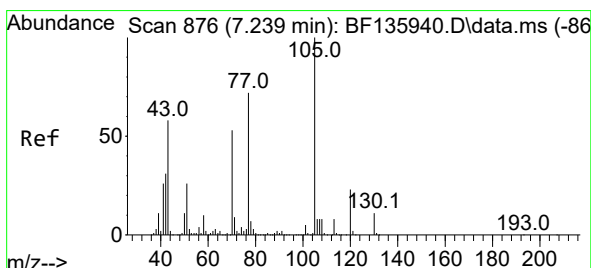
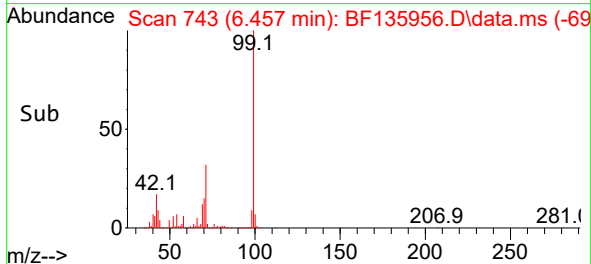
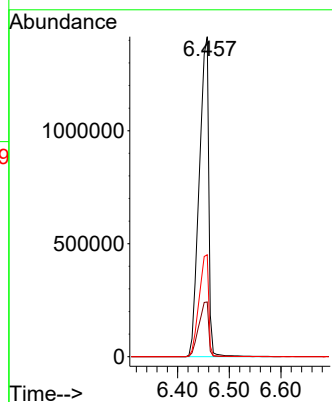
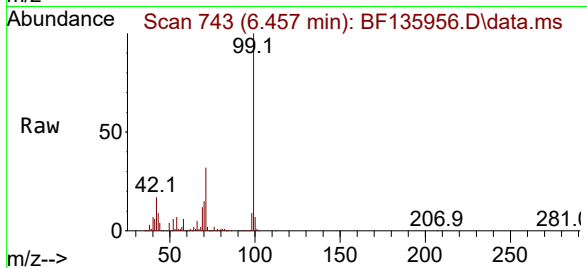




#7
Phenol-d6
Concen: 155.422 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF135956.D
Acq: 25 Oct 2023 23:03

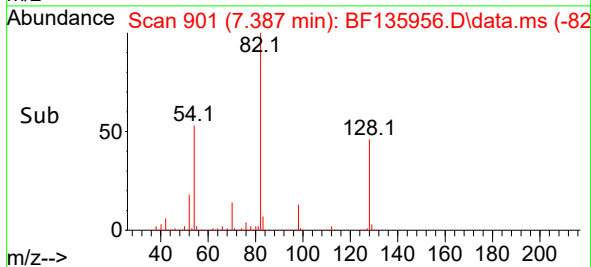
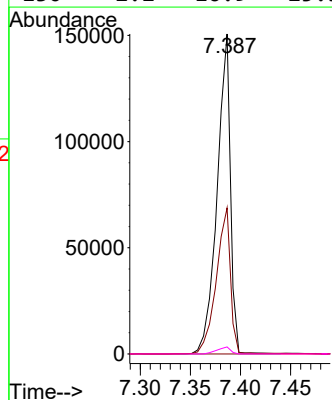
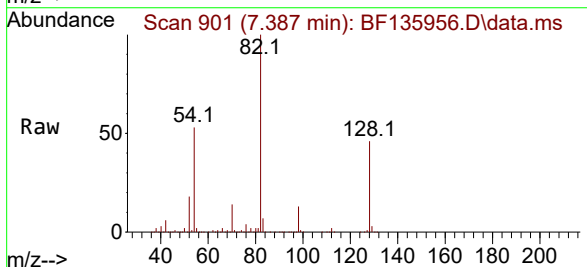
Instrument :
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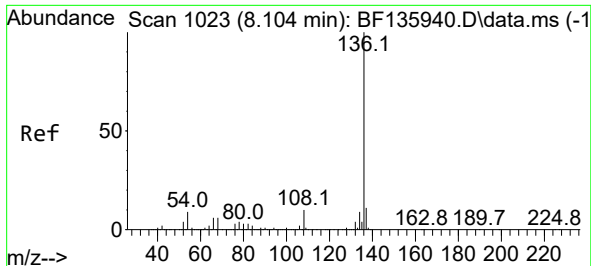
Tgt Ion: 99 Resp: 1805098
Ion Ratio Lower Upper
99 100
42 17.1 13.8 20.8
71 31.9 25.1 37.7



#19
n-Nitroso-di-n-propylamine
Concen: 21.073 ng
RT: 7.387 min Scan# 901
Delta R.T. 0.147 min
Lab File: BF135956.D
Acq: 25 Oct 2023 23:03

Tgt Ion: 70 Resp: 139179
Ion Ratio Lower Upper
70 100
42 45.6 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: 8.098 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135956.D

Acq: 25 Oct 2023 23:03

Instrument :

BNA_F

ClientSampleId :

PB155810TB

Tgt Ion:136 Resp: 596706

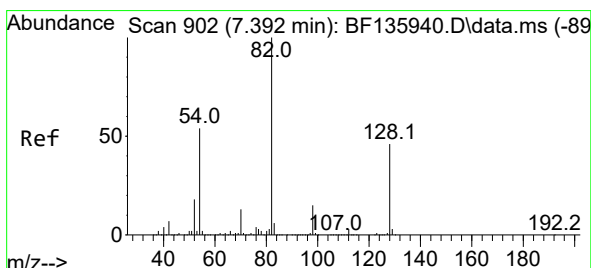
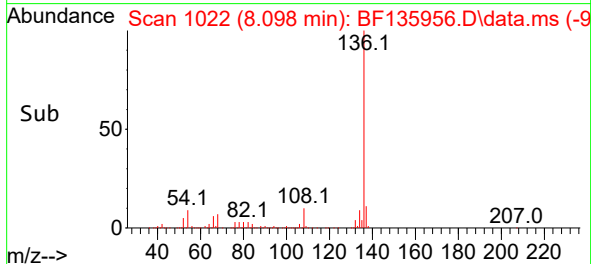
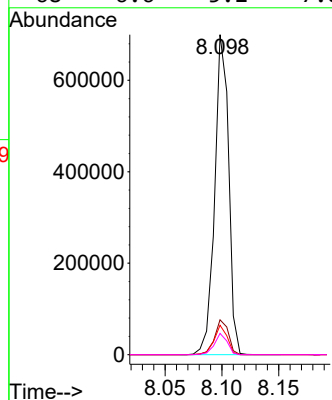
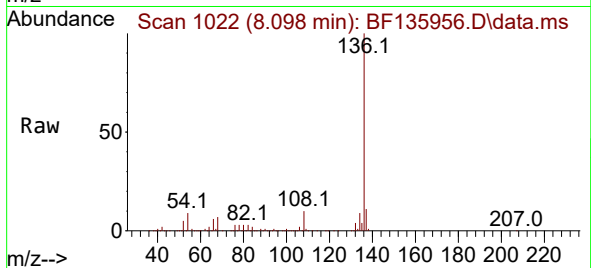
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 9.2 7.1 10.7

68 6.6 5.2 7.8



#23

Nitrobenzene-d5

Concen: 110.173 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.005 min

Lab File: BF135956.D

Acq: 25 Oct 2023 23:03

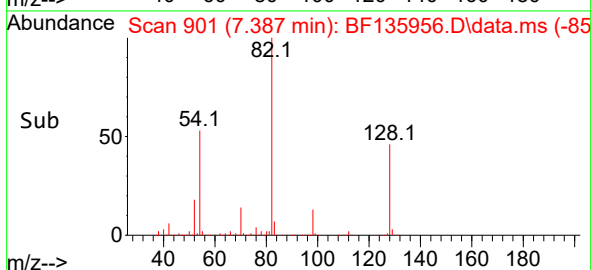
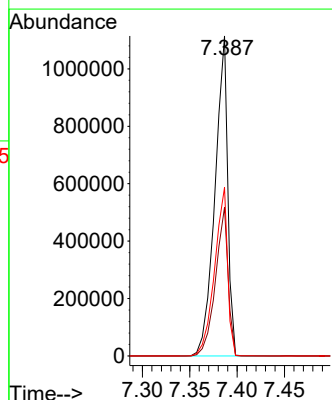
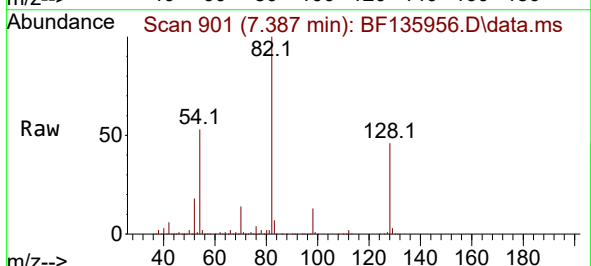
Tgt Ion: 82 Resp: 1048295

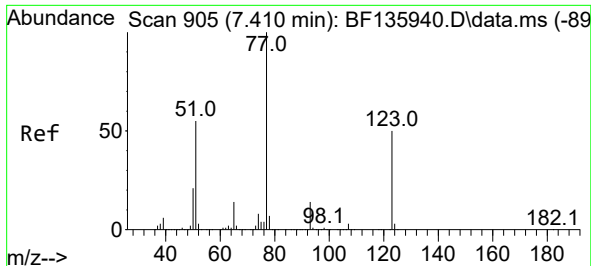
Ion Ratio Lower Upper

82 100

128 46.5 36.8 55.2

54 52.7 43.4 65.0

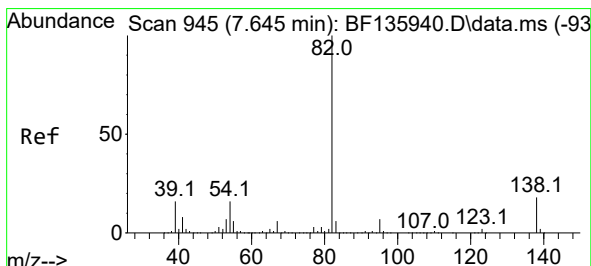
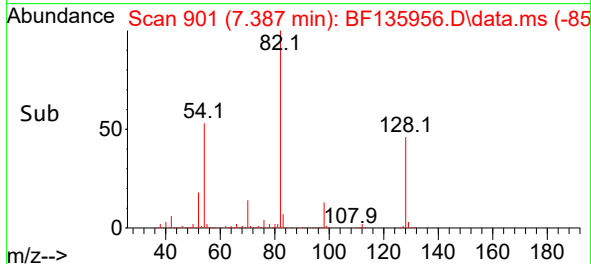
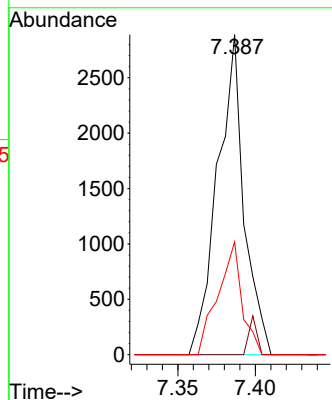
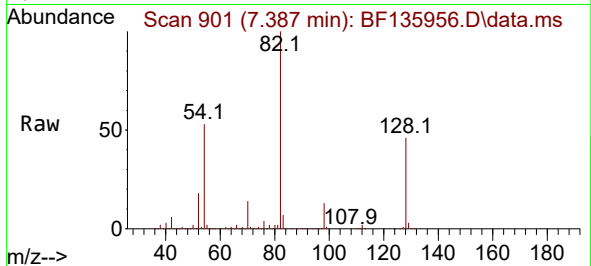




#24
Nitrobenzene
Concen: 2.910 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.023 min
Lab File: BF135956.D
Acq: 25 Oct 2023 23:03

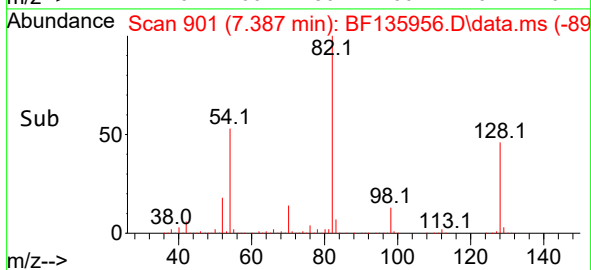
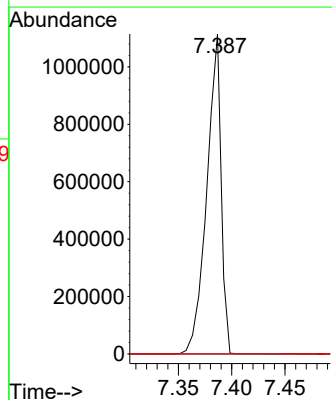
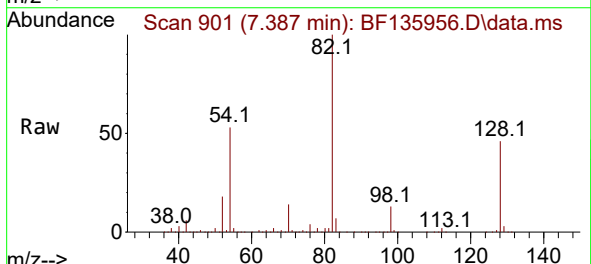
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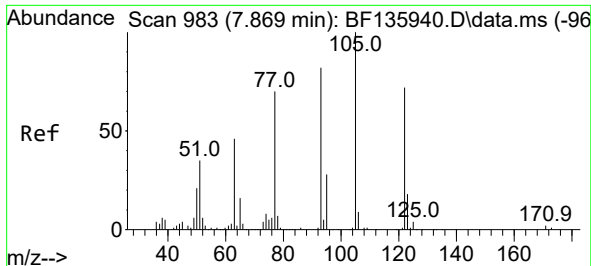
Tgt Ion: 77 Resp: 3426
Ion Ratio Lower Upper
77 100
123 0.0 40.2 60.2#
65 35.2 11.0 16.4#



#25
Isophorone
Concen: 55.499 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.259 min
Lab File: BF135956.D
Acq: 25 Oct 2023 23:03

Tgt Ion: 82 Resp: 1046785
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.8 22.2#

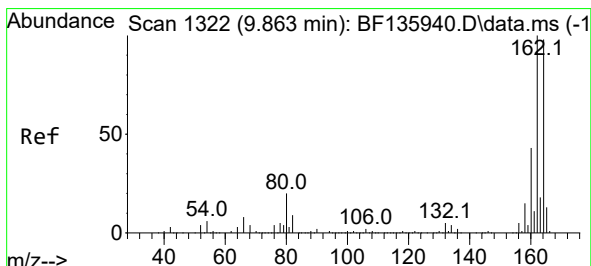
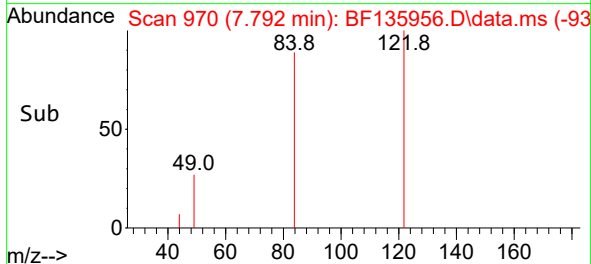
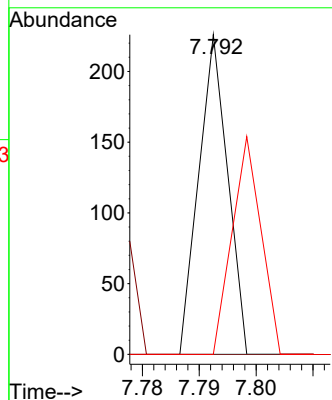
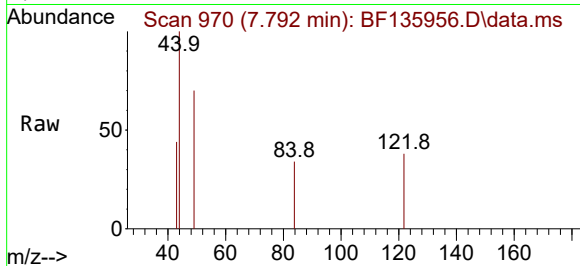




#32
Benzoic acid
Concen: 5.742 ng
RT: 7.792 min Scan# 91
Delta R.T. -0.077 min
Lab File: BF135956.D
Acq: 25 Oct 2023 23:03

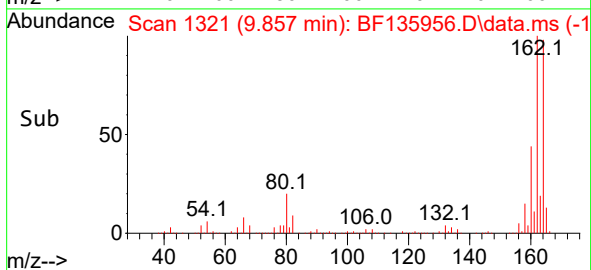
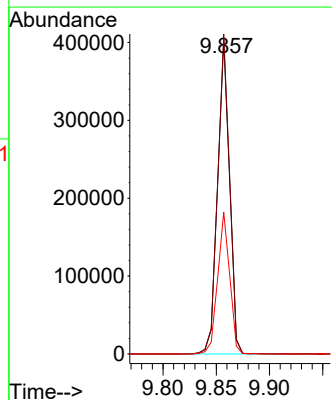
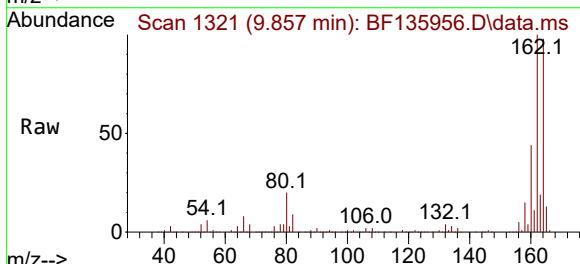
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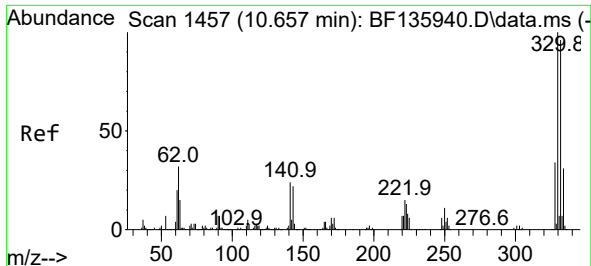
Tgt Ion:122 Resp: 80
Ion Ratio Lower Upper
122 100
105 0.0 113.1 153.1#
77 0.0 75.2 115.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF135956.D
Acq: 25 Oct 2023 23:03

Tgt Ion:164 Resp: 312404
Ion Ratio Lower Upper
164 100
162 101.9 82.0 123.0
160 45.2 35.6 53.4

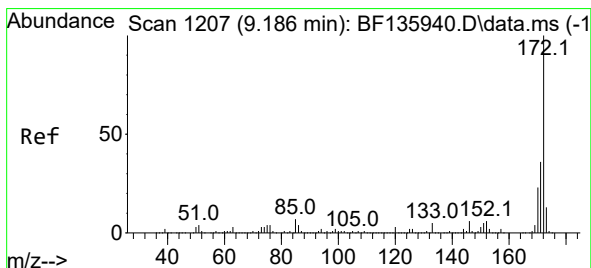
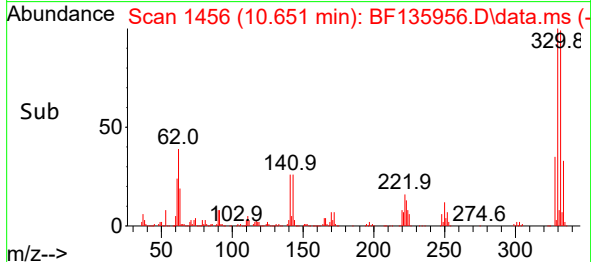
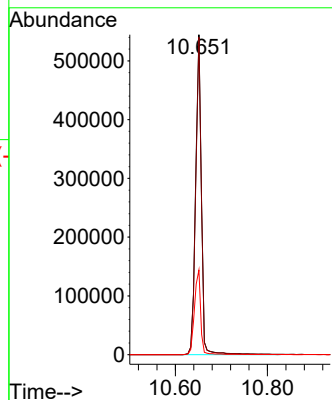
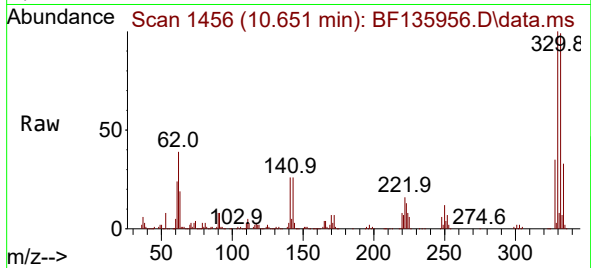




#42
 2,4,6-Tribromophenol
 Concen: 172.501 ng
 RT: 10.651 min Scan# 1456
 Delta R.T. -0.006 min
 Lab File: BF135956.D
 Acq: 25 Oct 2023 23:03

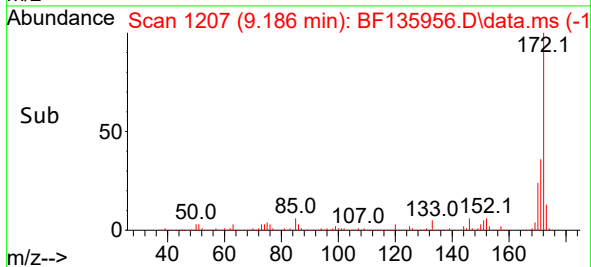
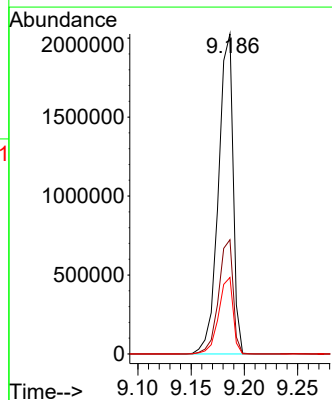
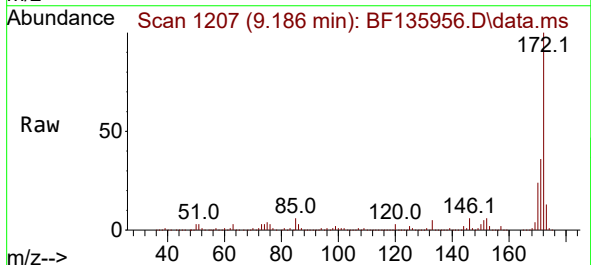
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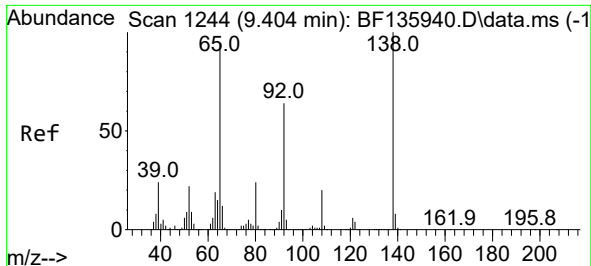
Tgt Ion:330 Resp: 471697
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.4 116.2
 141 28.9 24.9 37.3



#45
 2-Fluorobiphenyl
 Concen: 99.575 ng
 RT: 9.186 min Scan# 1207
 Delta R.T. 0.000 min
 Lab File: BF135956.D
 Acq: 25 Oct 2023 23:03

Tgt Ion:172 Resp: 1942716
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 43.0
 170 23.9 18.6 28.0

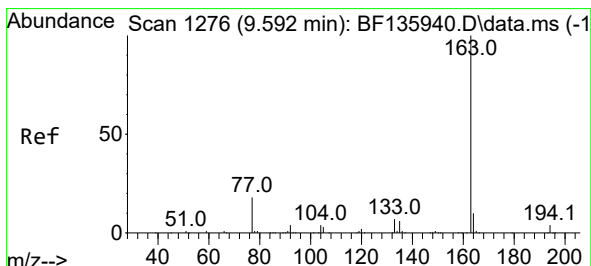
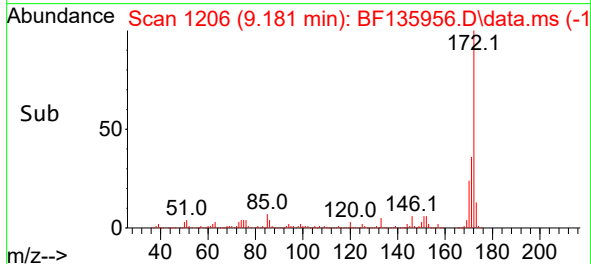
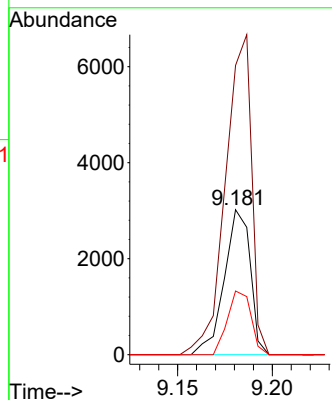
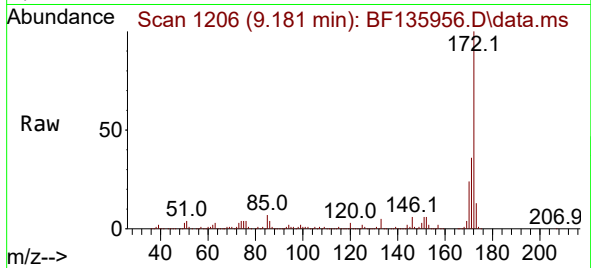




#48
2-Nitroaniline
Concen: 4.849 ng
RT: 9.181 min Scan# 11
Delta R.T. -0.223 min
Lab File: BF135956.D
Acq: 25 Oct 2023 23:03

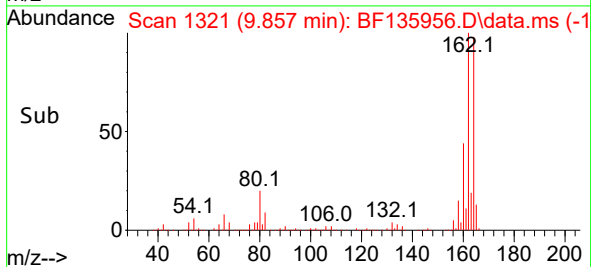
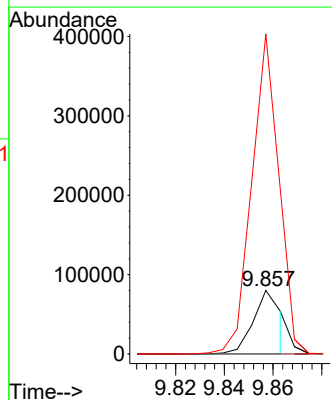
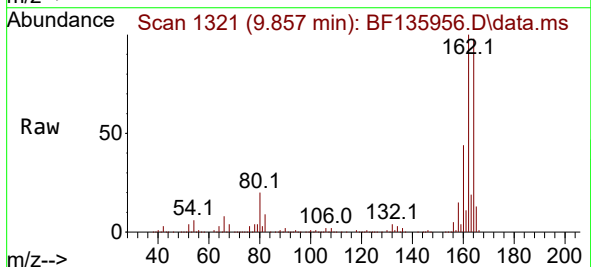
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ClientSampleId :
PB155810TB

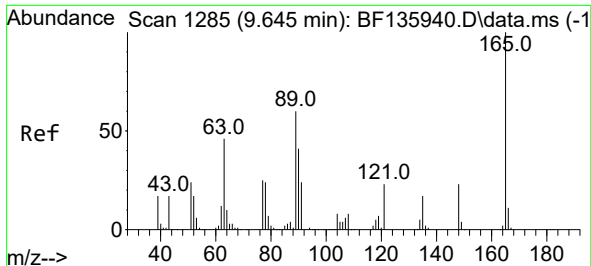
Tgt Ion: 65 Resp: 2882
Ion Ratio Lower Upper
65 100
92 199.6 54.9 82.3#
138 43.9 85.2 127.8#



#50
Dimethylphthalate
Concen: 3.083 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.265 min
Lab File: BF135956.D
Acq: 25 Oct 2023 23:03

Tgt Ion: 163 Resp: 62454
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.0#
164 504.2 8.3 12.5#

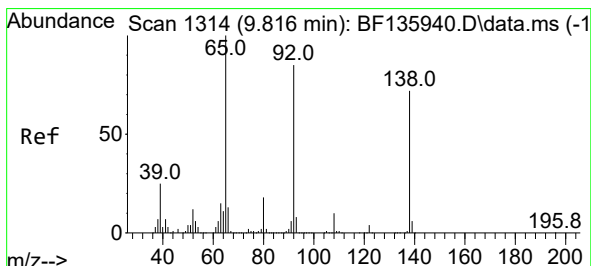
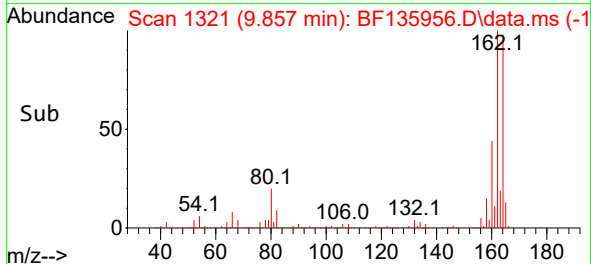
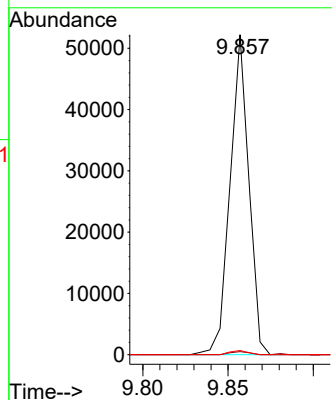
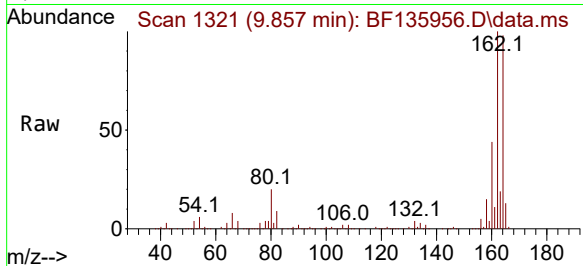




#51
2,6-Dinitrotoluene
Concen: 13.393 ng
RT: 9.857 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF135956.D
Acq: 25 Oct 2023 23:03

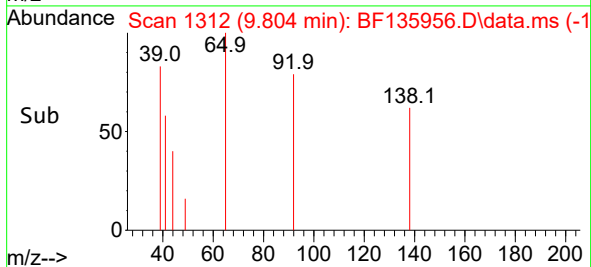
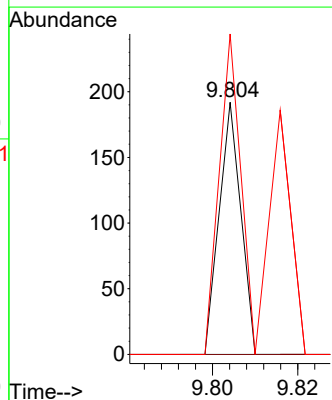
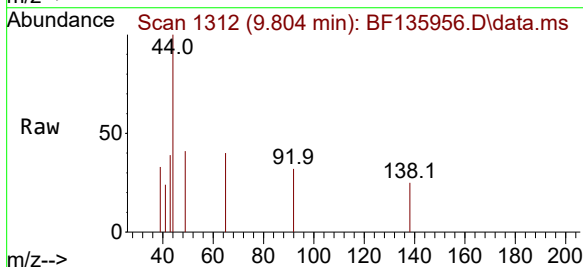
Instrument :
BNA_F
ClientSampleId :
PB155810TB

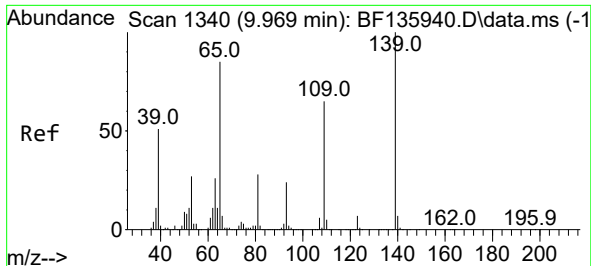
Tgt Ion:165 Resp: 39867
Ion Ratio Lower Upper
165 100
63 1.0 51.7 77.5#
89 1.3 48.3 72.5#



#53
3-Nitroaniline
Concen: 4.574 ng
RT: 9.804 min Scan# 1312
Delta R.T. -0.012 min
Lab File: BF135956.D
Acq: 25 Oct 2023 23:03

Tgt Ion:138 Resp: 68
Ion Ratio Lower Upper
138 100
108 0.0 11.3 16.9#
92 127.1 95.0 142.6

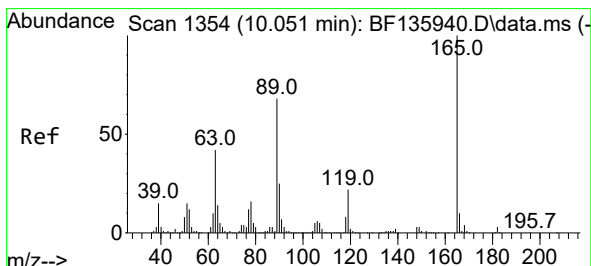
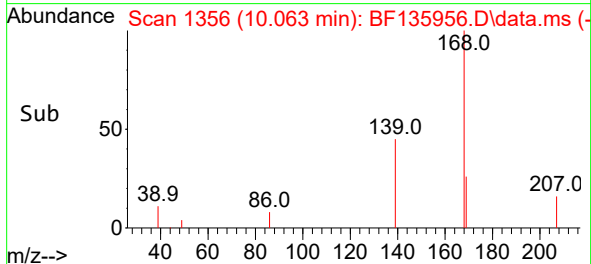
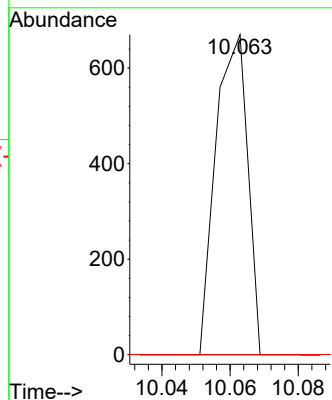
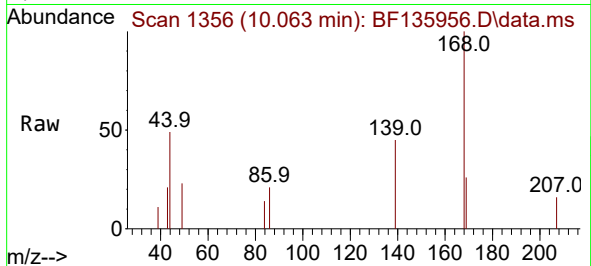




#56
4-Nitrophenol
Concen: 6.282 ng
RT: 10.063 min Scan# 11
Delta R.T. 0.094 min
Lab File: BF135956.D
Acq: 25 Oct 2023 23:03

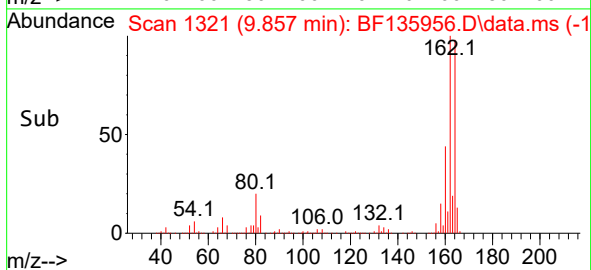
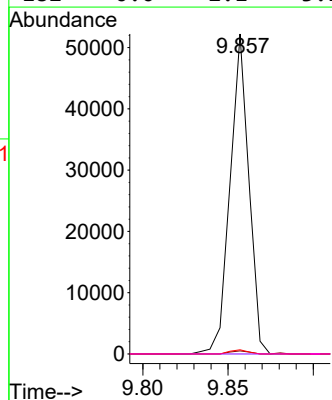
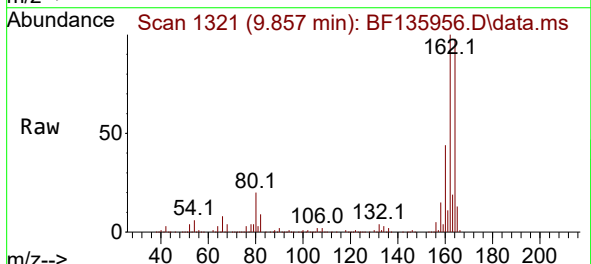
Instrument :
BNA_F
ClientSampleId :
PB155810TB

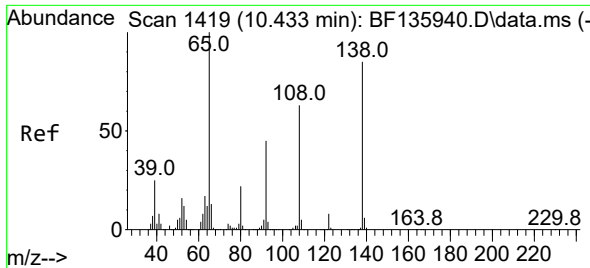
Tgt Ion:139 Resp: 434
Ion Ratio Lower Upper
139 100
109 0.0 45.2 85.2#
65 0.0 65.1 105.1#



#57
2,4-Dinitrotoluene
Concen: 12.565 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF135956.D
Acq: 25 Oct 2023 23:03

Tgt Ion:165 Resp: 39867
Ion Ratio Lower Upper
165 100
63 1.0 33.7 50.5#
89 1.3 54.6 81.8#
182 0.0 2.1 3.1#

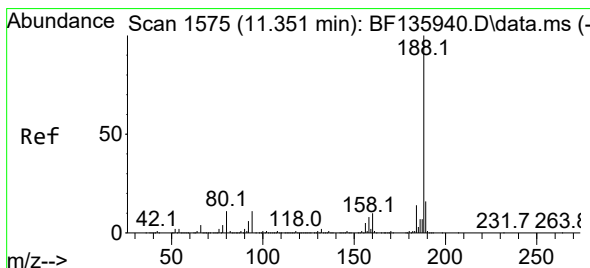
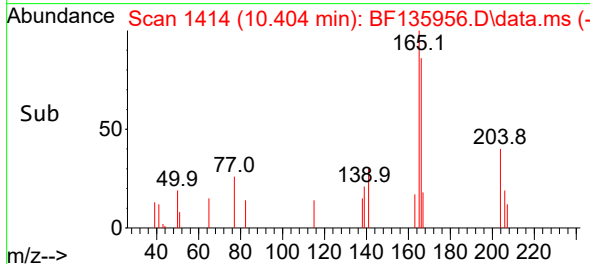
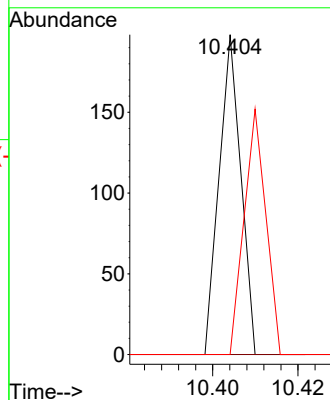
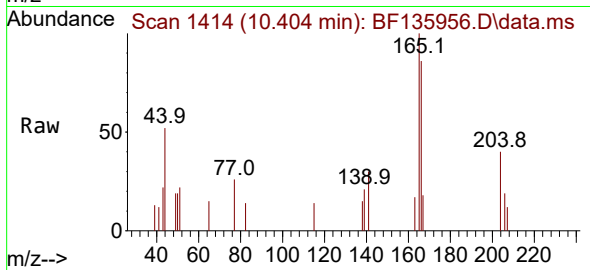




#62
4-Nitroaniline
Concen: 4.662 ng
RT: 10.404 min Scan# 1419
Delta R.T. -0.029 min
Lab File: BF135956.D
Acq: 25 Oct 2023 23:03

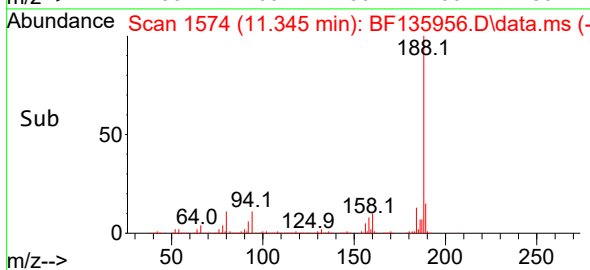
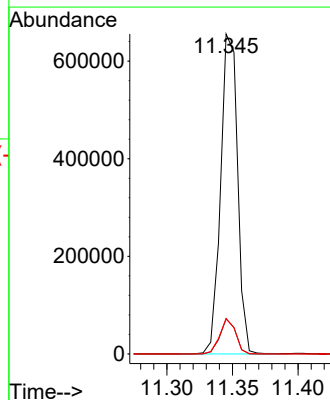
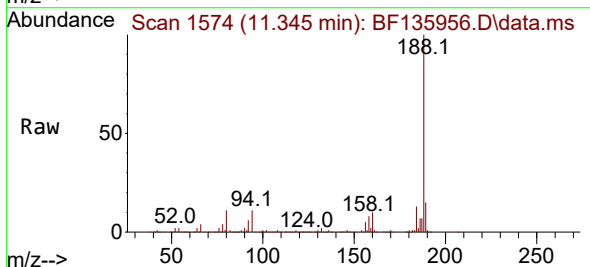
Instrument :
BNA_F
ClientSampleId :
PB155810TB

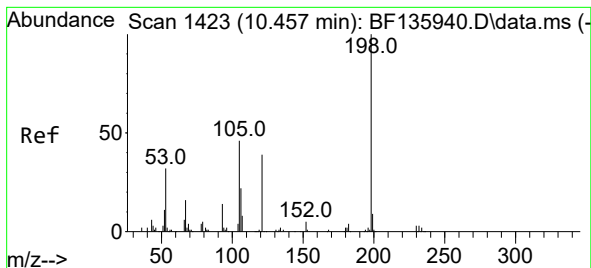
Tgt Ion:138 Resp: 70
Ion Ratio Lower Upper
138 100
92 0.0 32.9 72.9#
108 0.0 53.5 93.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF135956.D
Acq: 25 Oct 2023 23:03

Tgt Ion:188 Resp: 588424
Ion Ratio Lower Upper
188 100
94 11.0 8.6 13.0
80 11.1 9.0 13.6

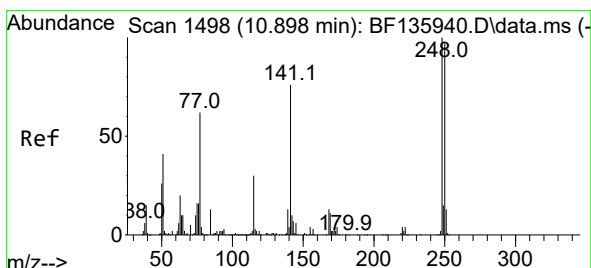
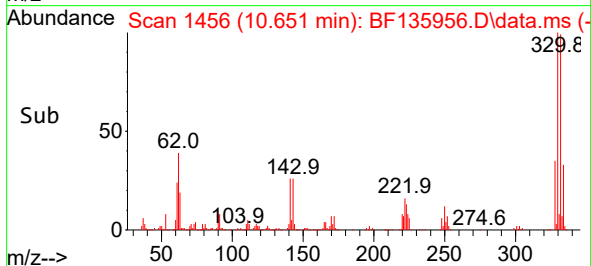
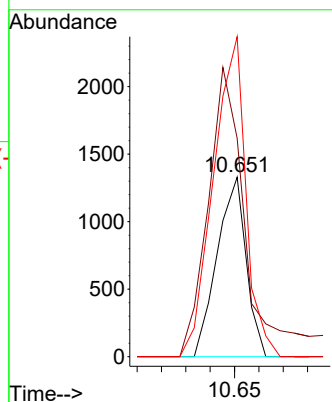
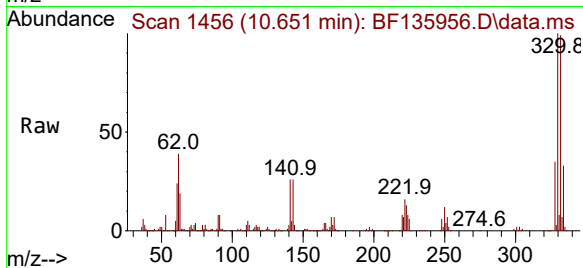




#65
4,6-Dinitro-2-methylphenol
Concen: 7.648 ng
RT: 10.651 min Scan# 1456
Delta R.T. 0.194 min
Lab File: BF135956.D
Acq: 25 Oct 2023 23:03

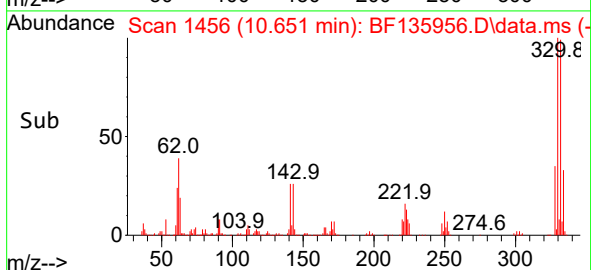
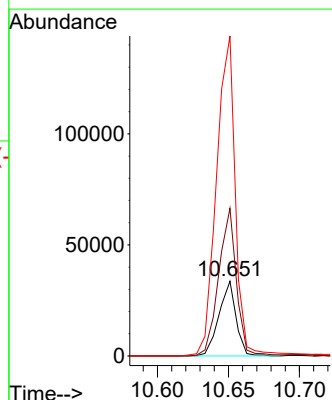
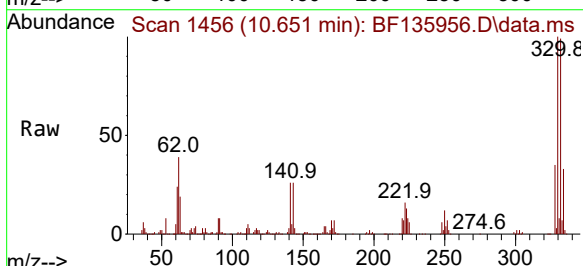
Instrument :
BNA_F
ClientSampleId :
PB155810TB

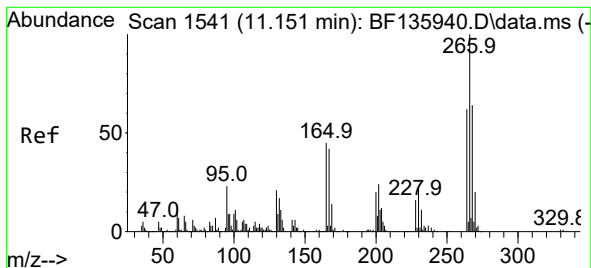
Tgt Ion:198 Resp: 1096
Ion Ratio Lower Upper
198 100
51 121.7 28.7 68.7#
105 178.2 27.2 67.2#



#67
4-Bromophenyl-phenylether
Concen: 4.696 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.247 min
Lab File: BF135956.D
Acq: 25 Oct 2023 23:03

Tgt Ion:248 Resp: 28298
Ion Ratio Lower Upper
248 100
250 197.6 77.9 116.9#
141 428.0 60.8 91.2#





#70

Pentachlorophenol

Concen: 4.242 ng

RT: 11.151 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135956.D

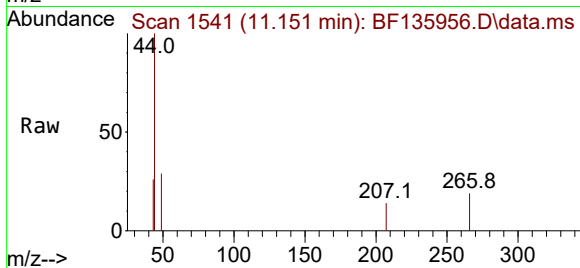
Acq: 25 Oct 2023 23:03

Instrument :

BNA_F

ClientSampleId :

PB155810TB



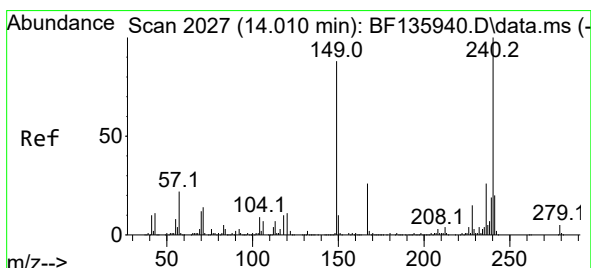
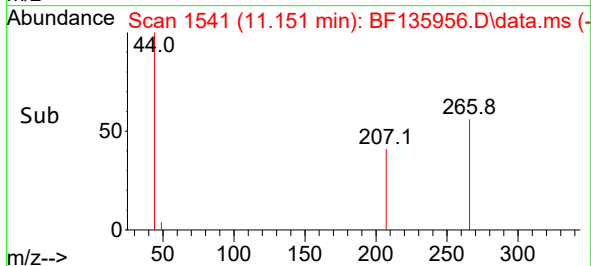
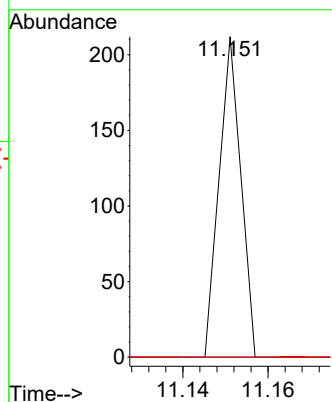
Tgt Ion:266 Resp: 75

Ion Ratio Lower Upper

266 100

268 0.0 50.8 76.2#

264 0.0 49.8 74.6#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 2025

Delta R.T. -0.012 min

Lab File: BF135956.D

Acq: 25 Oct 2023 23:03

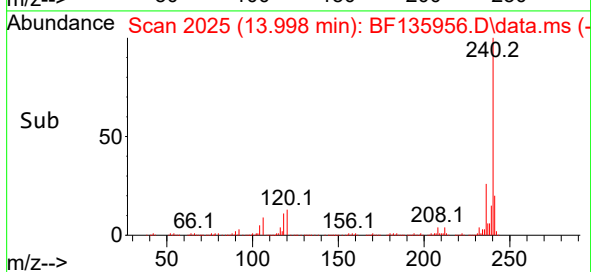
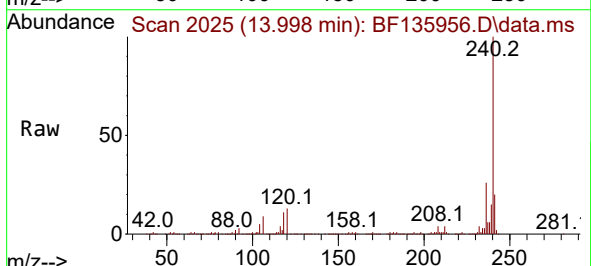
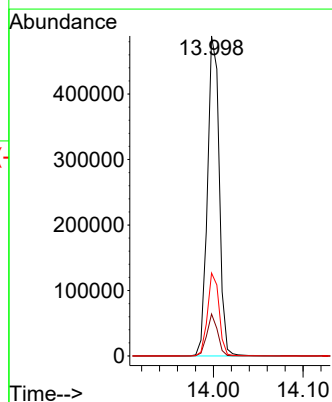
Tgt Ion:240 Resp: 445083

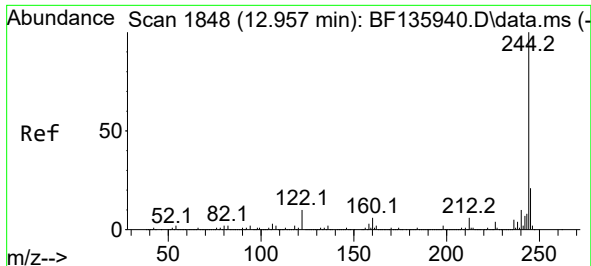
Ion Ratio Lower Upper

240 100

120 13.1 8.6 13.0#

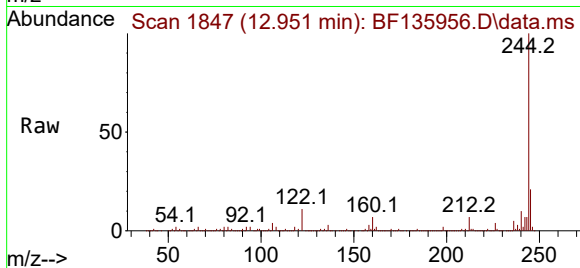
236 25.9 20.6 30.8



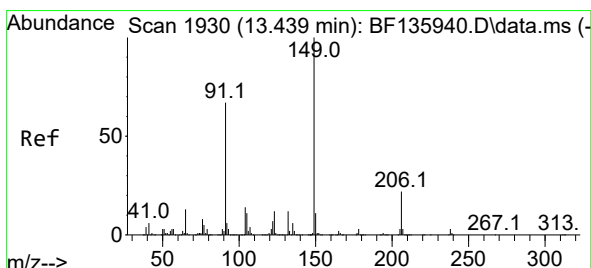
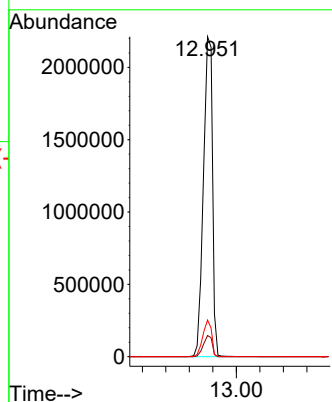
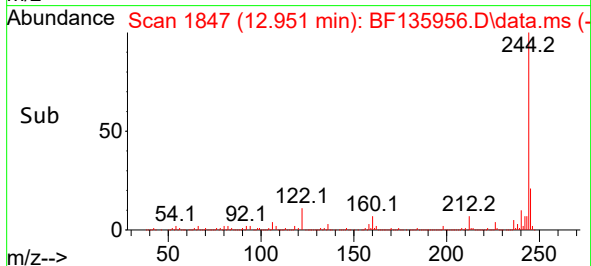


#79
 Terphenyl-d14
 Concen: 88.622 ng
 RT: 12.951 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF135956.D
 Acq: 25 Oct 2023 23:03

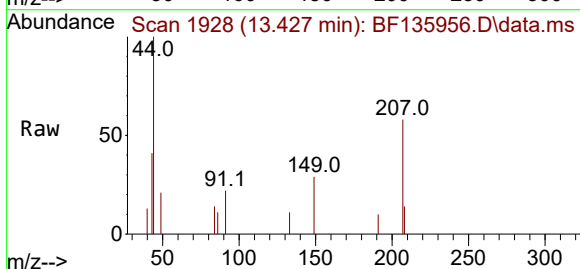
Instrument :
 BNA_F
 ClientSampleId :
 PB155810TB



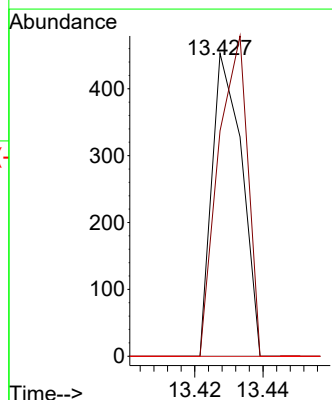
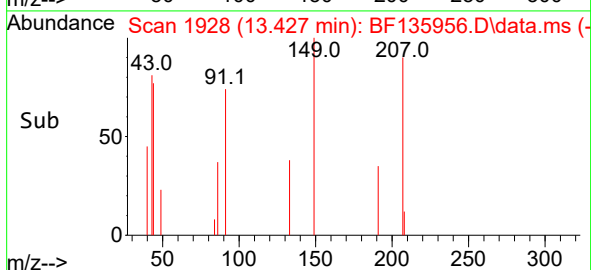
Tgt Ion:244 Resp: 2360822
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.0 7.6
 122 11.4 8.0 12.0

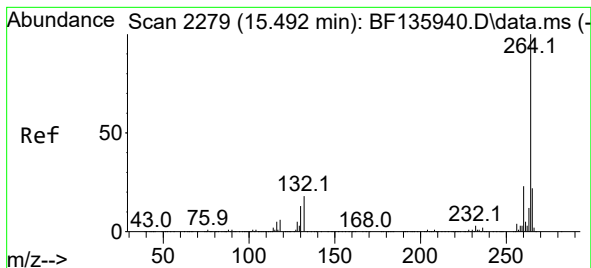


#80
 Butylbenzylphthalate
 Concen: 3.845 ng
 RT: 13.427 min Scan# 1928
 Delta R.T. -0.012 min
 Lab File: BF135956.D
 Acq: 25 Oct 2023 23:03



Tgt Ion:149 Resp: 276
 Ion Ratio Lower Upper
 149 100
 91 74.4 53.4 80.0
 206 0.0 17.5 26.3#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.486 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF135956.D

Acq: 25 Oct 2023 23:03

Instrument :

BNA_F

ClientSampleId :

PB155810TB

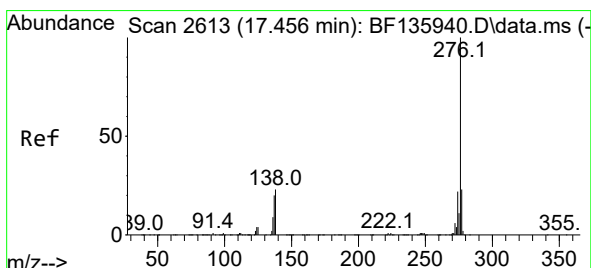
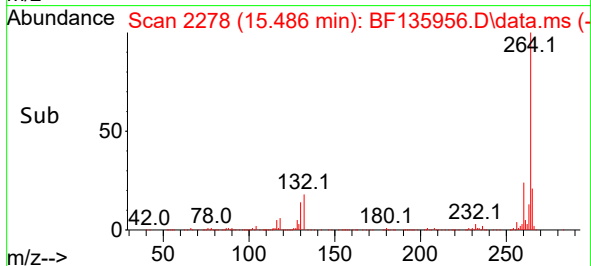
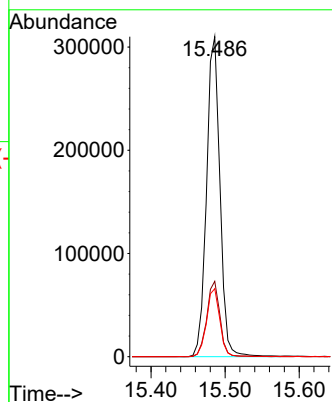
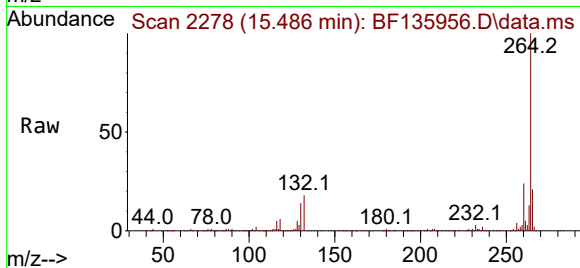
Tgt Ion:264 Resp: 390098

Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 21.2 17.3 25.9



#92

Benzo(g,h,i)perylene

Concen: 3.774 ng

RT: 17.415 min Scan# 2606

Delta R.T. -0.041 min

Lab File: BF135956.D

Acq: 25 Oct 2023 23:03

Tgt Ion:276 Resp: 370

Ion Ratio Lower Upper

276 100

277 0.0 18.6 28.0#

138 0.0 18.4 27.6#

