

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102523\
 Data File : BF135954.D
 Acq On : 25 Oct 2023 22:01
 Operator : CG\JU
 Sample : PB156472BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 04:34:32 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)

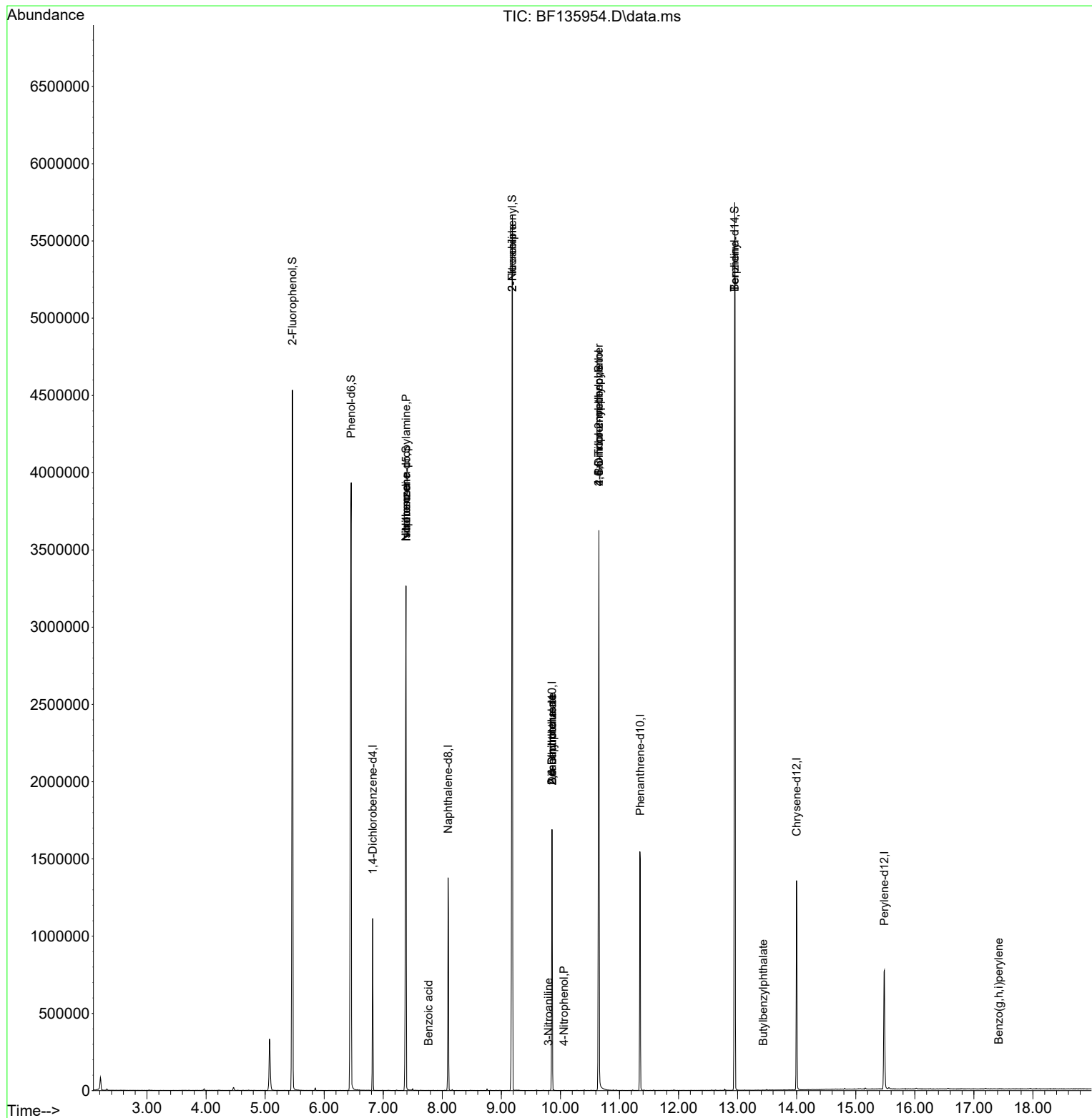
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	142705	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	583659	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	305254	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	573329	20.000	ng	0.00
76) Chrysene-d12	13.998	240	430245	20.000	ng	-0.01
86) Perylene-d12	15.486	264	364283	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1436843	155.476	ng	0.01
7) Phenol-d6	6.457	99	1761338	153.088	ng	0.00
23) Nitrobenzene-d5	7.387	82	1021092	109.753	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	464724	173.932	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1897105	99.515	ng	0.00
79) Terphenyl-d14	12.951	244	2330670	90.507	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.387	70	134414	20.544	ng	# 79
24) Nitrobenzene	7.387	77	3484	2.923	ng	# 35
25) Isophorone	7.387	82	1019503	55.261	ng	# 64
32) Benzoic acid	7.769	122	95	5.748	ng	# 55
48) 2-Nitroaniline	9.186	65	2838	4.854	ng	# 1
50) Dimethylphthalate	9.857	163	60582	3.060	ng	# 1
51) 2,6-Dinitrotoluene	9.857	165	39842	13.587	ng	# 21
53) 3-Nitroaniline	9.798	138	117	4.583	ng	# 1
56) 4-Nitrophenol	10.063	139	355	6.266	ng	# 11
57) 2,4-Dinitrotoluene	9.857	165	39842	12.719	ng	# 26
65) 4,6-Dinitro-2-methylph...	10.651	198	1202	7.740	ng	# 1
67) 4-Bromophenyl-phenylether	10.651	248	28032	4.774	ng	# 1
77) Benzidine	12.951	184	27960	3.370	ng	# 91
80) Butylbenzylphthalate	13.433	149	193	3.840	ng	# 80
92) Benzo(g,h,i)perylene	17.421	276	409	3.777	ng	# 52

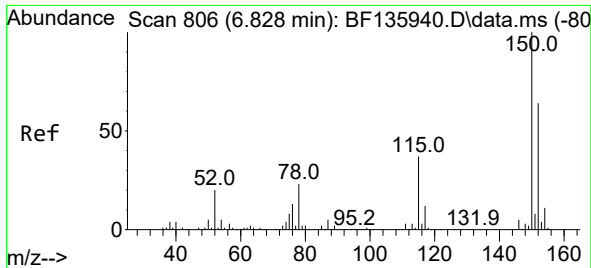
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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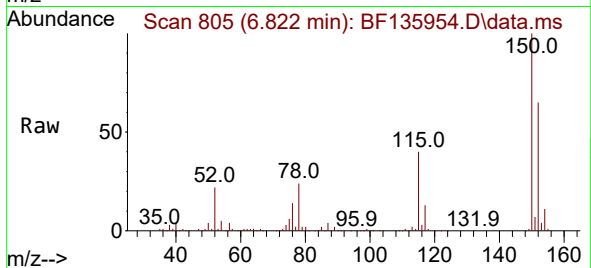
Quant Time: Oct 26 04:34:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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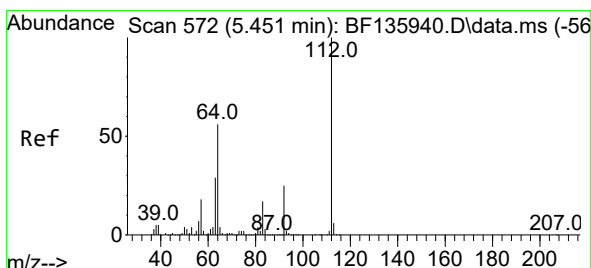
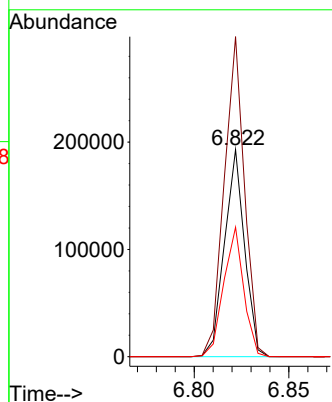
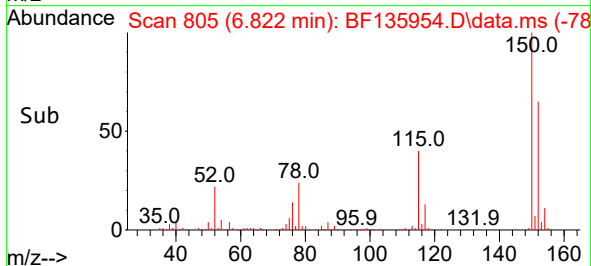


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF135954.D
Acq: 25 Oct 2023 22:01

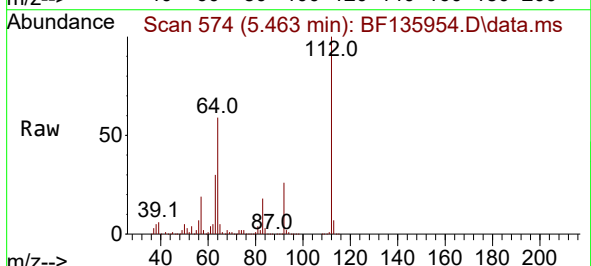
Instrument :
BNA_F
ClientSampleId :



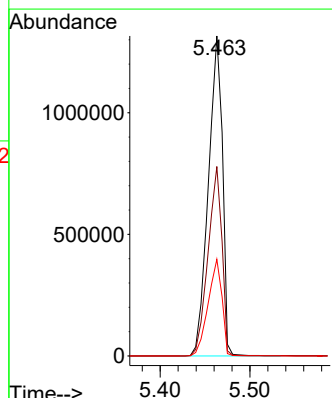
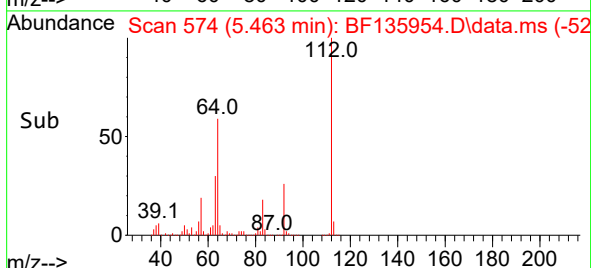
Tgt Ion:152 Resp: 142705
Ion Ratio Lower Upper
152 100
150 154.4 124.6 186.8
115 62.5 46.6 69.8

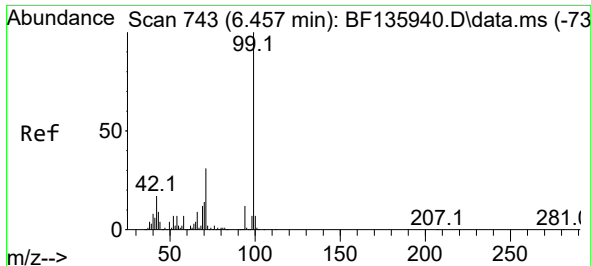


#5
2-Fluorophenol
Concen: 155.476 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.012 min
Lab File: BF135954.D
Acq: 25 Oct 2023 22:01



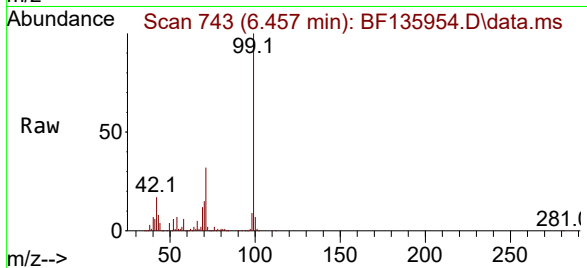
Tgt Ion:112 Resp: 1436843
Ion Ratio Lower Upper
112 100
64 59.2 45.1 67.7
63 30.2 23.0 34.4





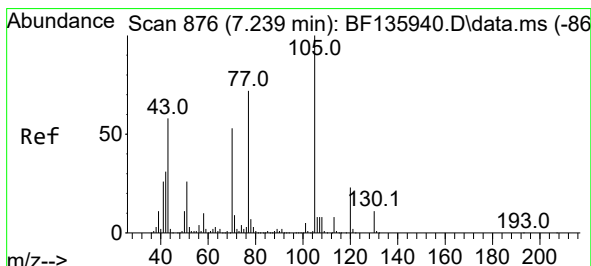
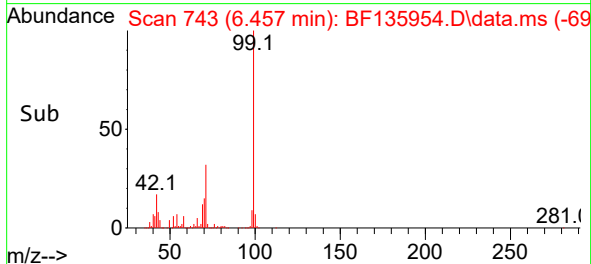
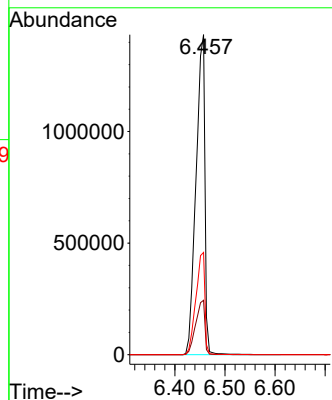
#7
Phenol-d6
Concen: 153.088 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF135954.D
Acq: 25 Oct 2023 22:01

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 99 Resp: 1761338

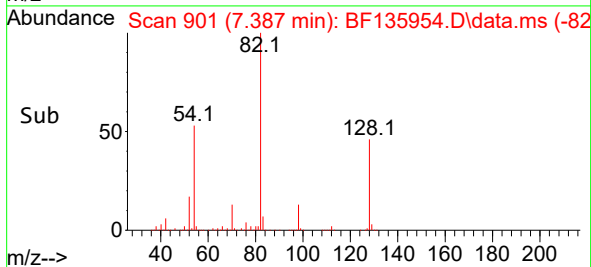
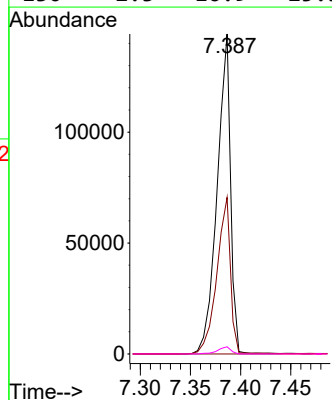
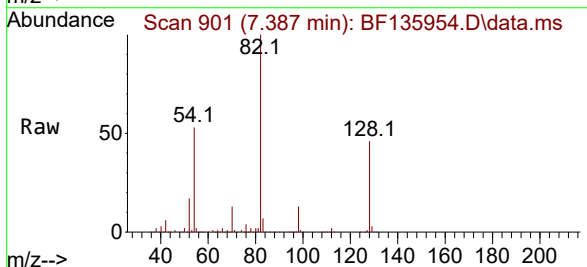
Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.8	20.8
71	32.0	25.1	37.7

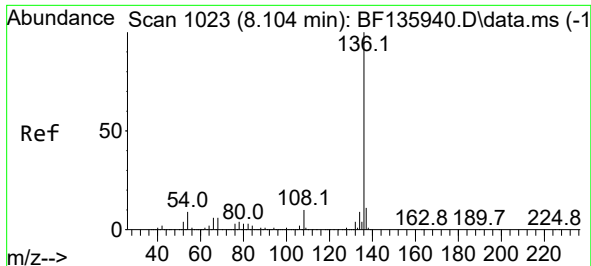


#19
n-Nitroso-di-n-propylamine
Concen: 20.544 ng
RT: 7.387 min Scan# 901
Delta R.T. 0.147 min
Lab File: BF135954.D
Acq: 25 Oct 2023 22:01

Tgt Ion: 70 Resp: 134414

Ion	Ratio	Lower	Upper
70	100		
42	48.9	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: 8.098 min Scan# 1

Delta R.T. -0.006 min

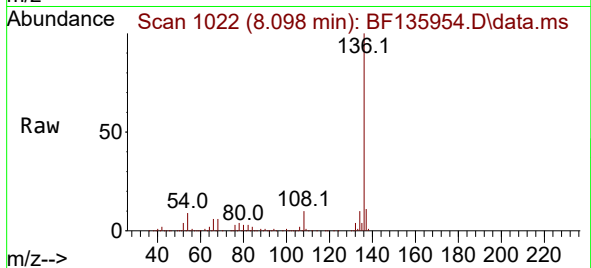
Lab File: BF135954.D

Acq: 25 Oct 2023 22:01

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 583659

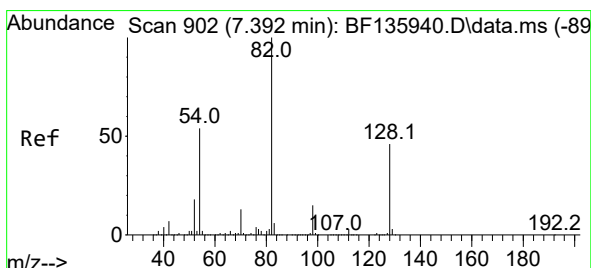
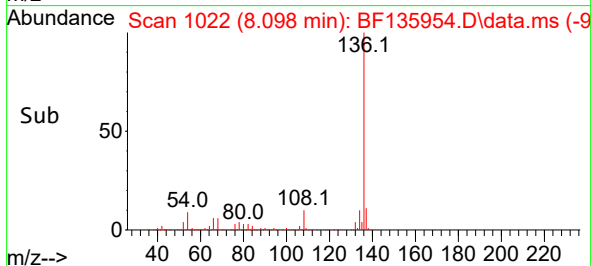
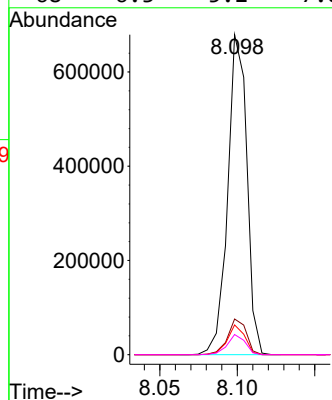
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 9.3 7.1 10.7

68 6.3 5.2 7.8



#23

Nitrobenzene-d5

Concen: 109.753 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.005 min

Lab File: BF135954.D

Acq: 25 Oct 2023 22:01

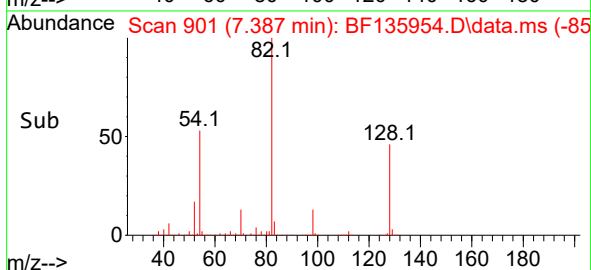
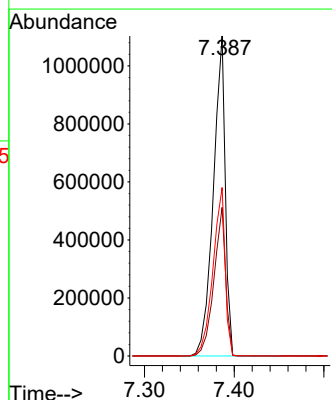
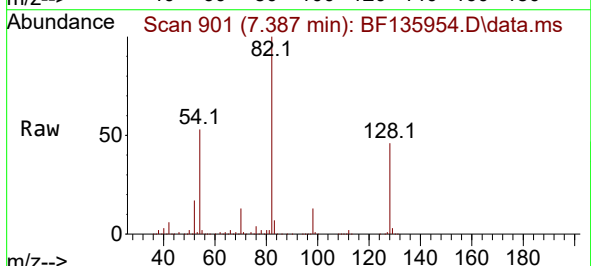
Tgt Ion: 82 Resp: 1021092

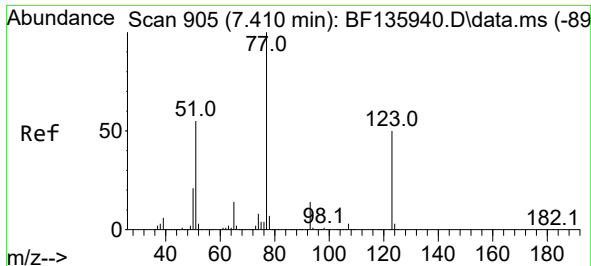
Ion Ratio Lower Upper

82 100

128 46.4 36.8 55.2

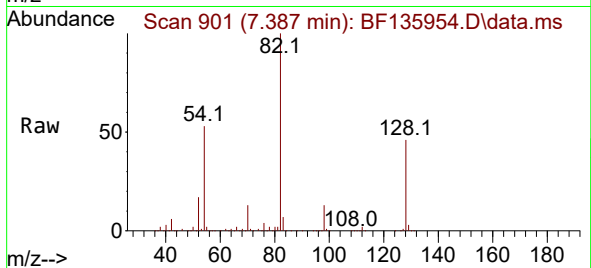
54 52.6 43.4 65.0



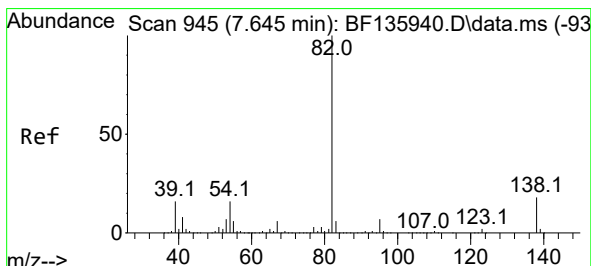
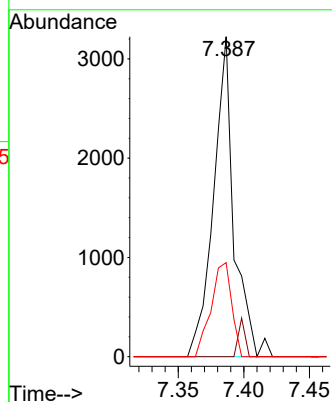
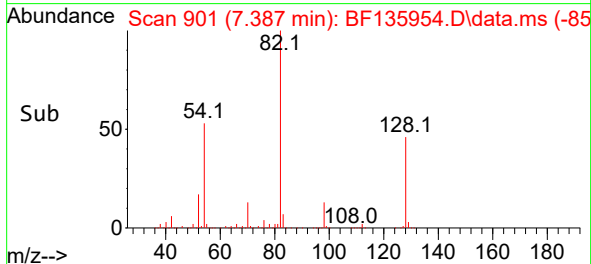


#24
Nitrobenzene
Concen: 2.923 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.023 min
Lab File: BF135954.D
Acq: 25 Oct 2023 22:01

Instrument :
BNA_F
ClientSampleId :

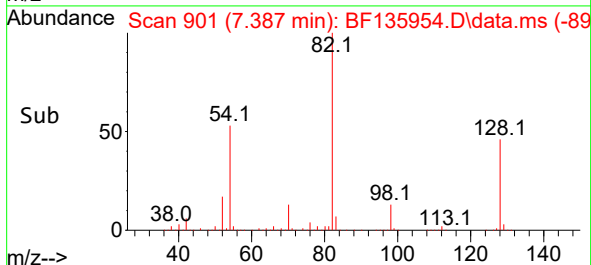
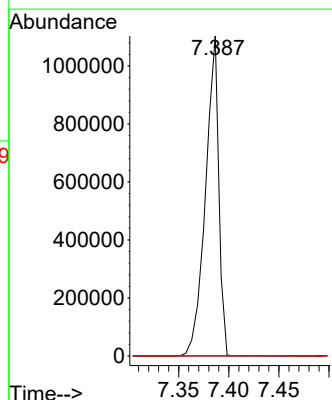
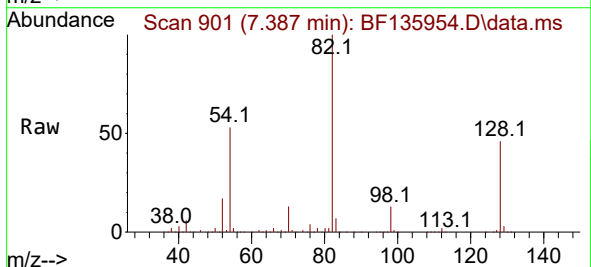


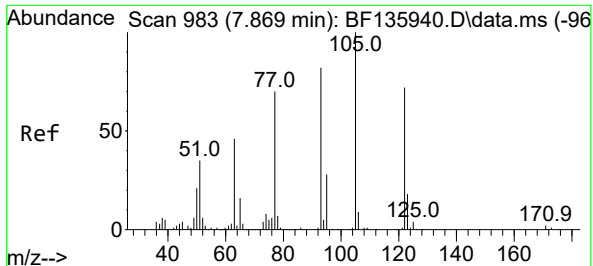
Tgt Ion: 77 Resp: 3484
Ion Ratio Lower Upper
77 100
123 0.0 40.2 60.2#
65 29.4 11.0 16.4#



#25
Isophorone
Concen: 55.261 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.259 min
Lab File: BF135954.D
Acq: 25 Oct 2023 22:01

Tgt Ion: 82 Resp: 1019503
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.8 22.2#

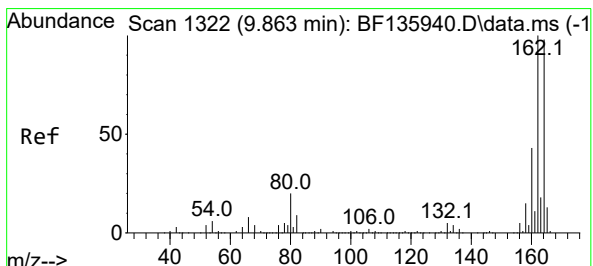
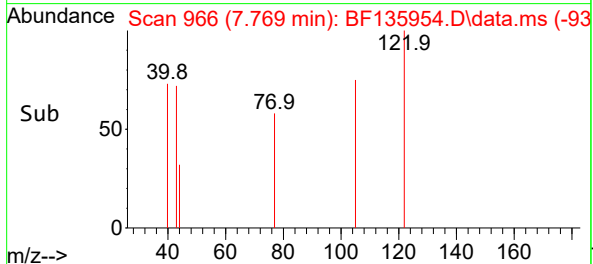
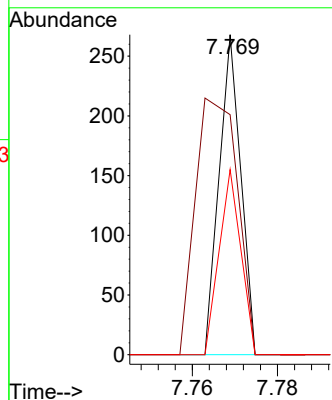
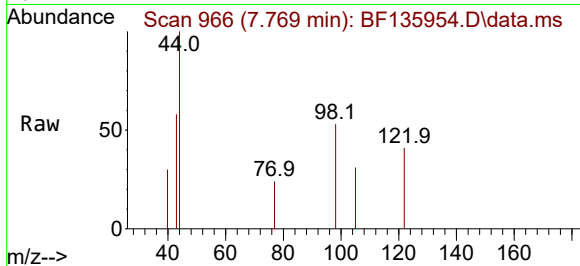




#32
Benzoic acid
Concen: 5.748 ng
RT: 7.769 min Scan# 90
Delta R.T. -0.100 min
Lab File: BF135954.D
Acq: 25 Oct 2023 22:01

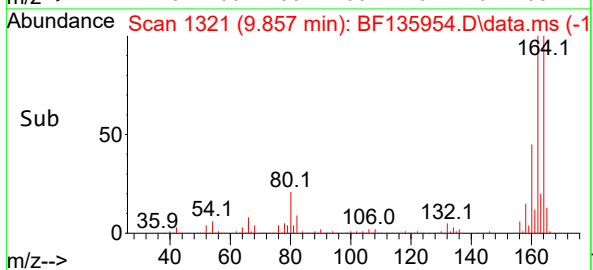
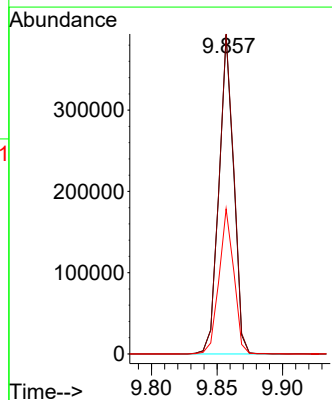
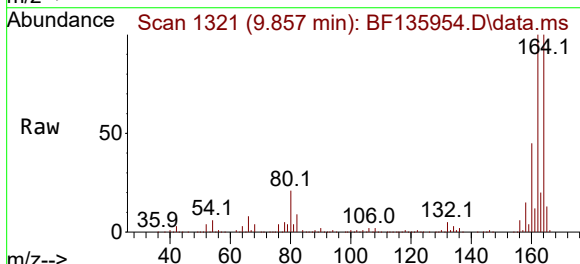
Instrument :
BNA_F
ClientSampleId :

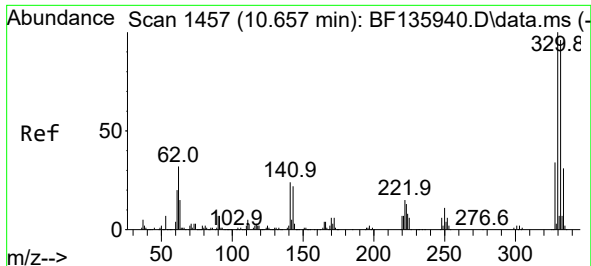
Tgt Ion:122 Resp: 95
Ion Ratio Lower Upper
122 100
105 75.0 113.1 153.1#
77 57.8 75.2 115.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF135954.D
Acq: 25 Oct 2023 22:01

Tgt Ion:164 Resp: 305254
Ion Ratio Lower Upper
164 100
162 100.4 82.0 123.0
160 45.5 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 173.932 ng

RT: 10.651 min Scan# 1457

Delta R.T. -0.006 min

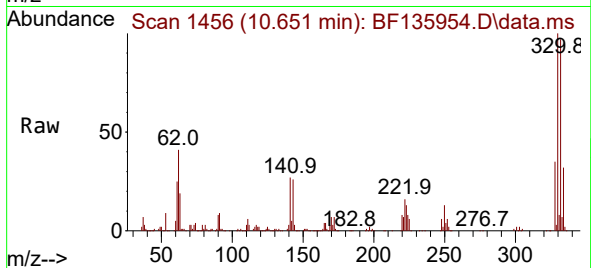
Lab File: BF135954.D

Acq: 25 Oct 2023 22:01

Instrument :

BNA_F

ClientSampleId :



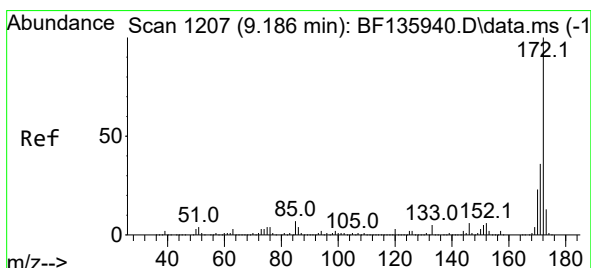
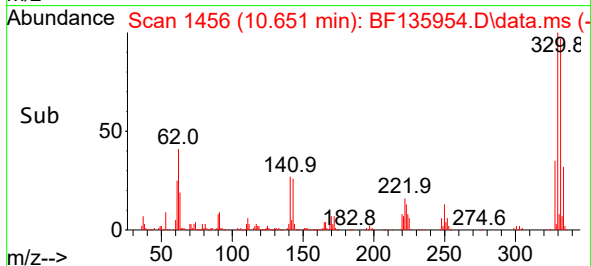
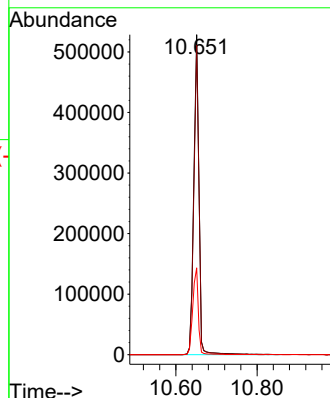
Tgt Ion:330 Resp: 464724

Ion Ratio Lower Upper

330 100

332 95.6 77.4 116.2

141 29.1 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 99.515 ng

RT: 9.186 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BF135954.D

Acq: 25 Oct 2023 22:01

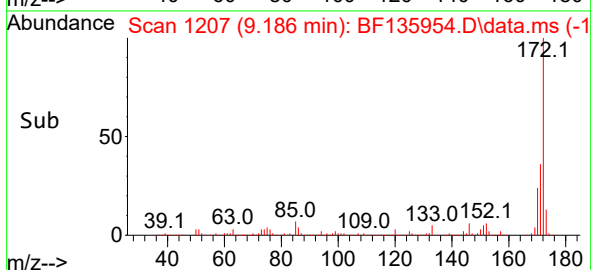
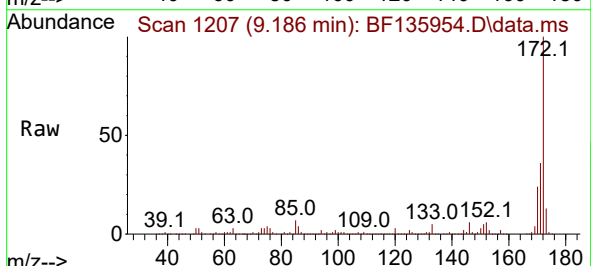
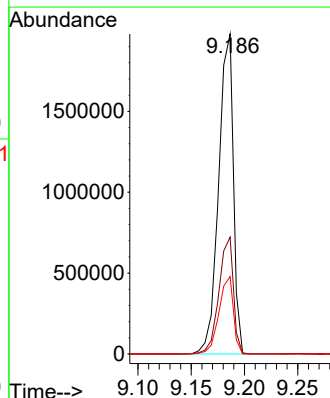
Tgt Ion:172 Resp: 1897105

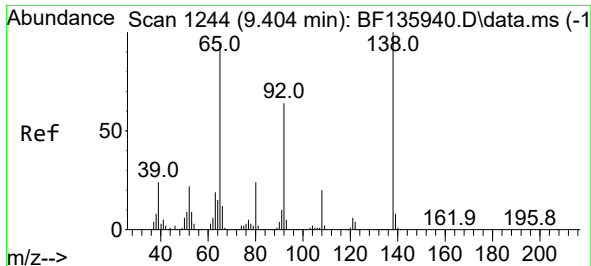
Ion Ratio Lower Upper

172 100

171 36.5 28.6 43.0

170 24.2 18.6 28.0

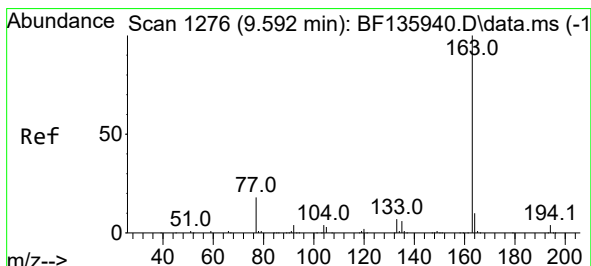
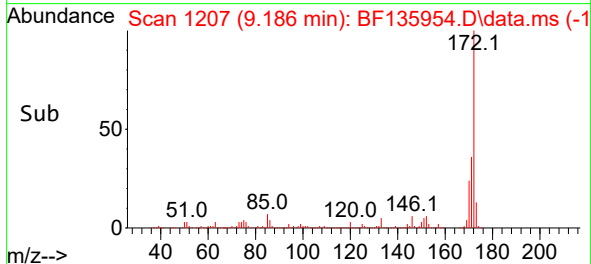
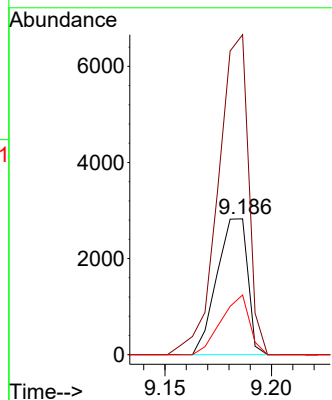
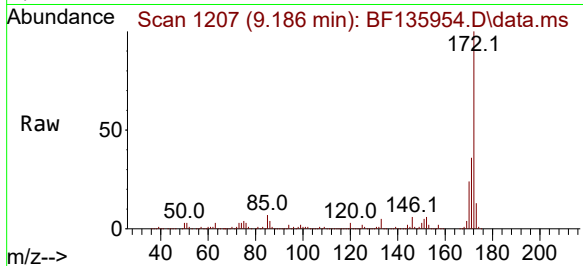




#48
2-Nitroaniline
Concen: 4.854 ng
RT: 9.186 min Scan# 11
Delta R.T. -0.218 min
Lab File: BF135954.D
Acq: 25 Oct 2023 22:01

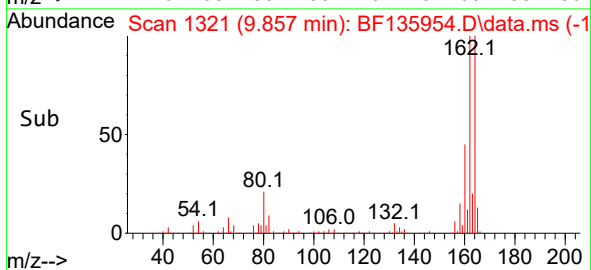
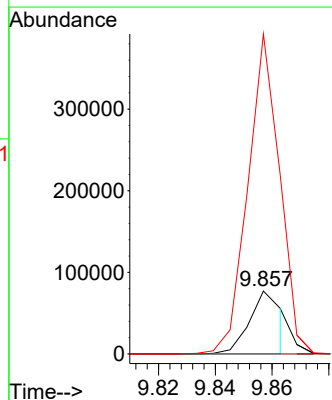
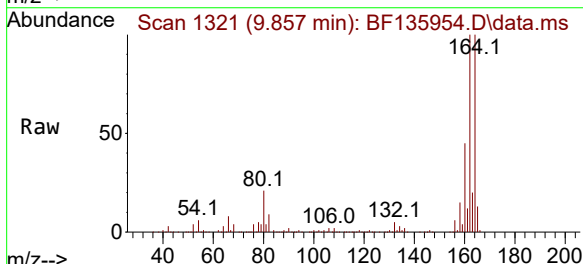
Instrument :
BNA_F
ClientSampleId :

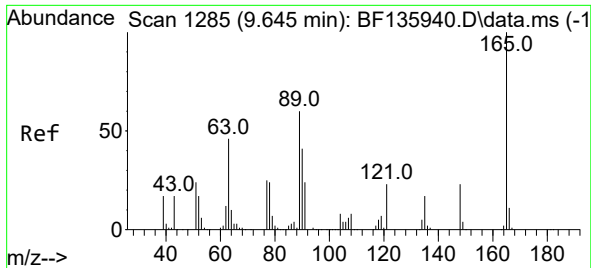
Tgt Ion: 65 Resp: 2838
Ion Ratio Lower Upper
65 100
92 235.6 54.9 82.3#
138 44.0 85.2 127.8#



#50
Dimethylphthalate
Concen: 3.060 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.265 min
Lab File: BF135954.D
Acq: 25 Oct 2023 22:01

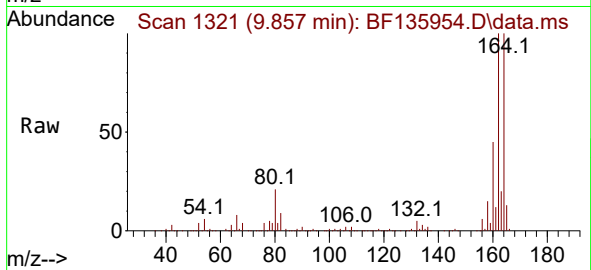
Tgt Ion:163 Resp: 60582
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.0#
164 508.3 8.3 12.5#



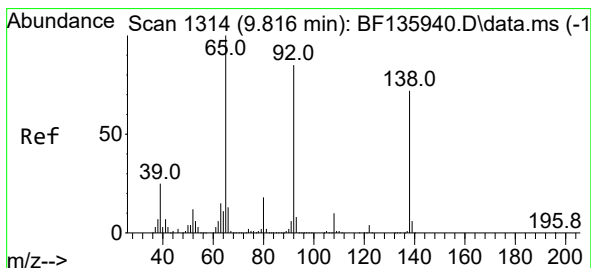
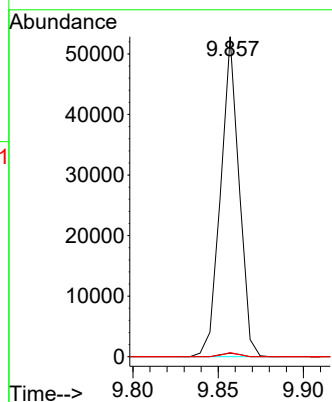
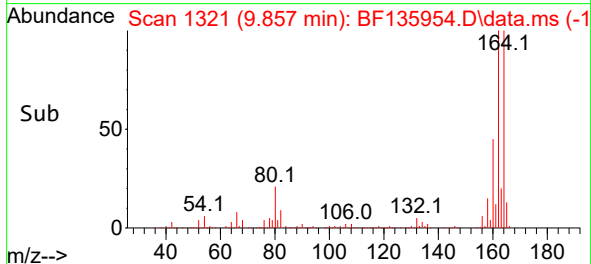


#51
2,6-Dinitrotoluene
Concen: 13.587 ng
RT: 9.857 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF135954.D
Acq: 25 Oct 2023 22:01

Instrument :
BNA_F
ClientSampleId :

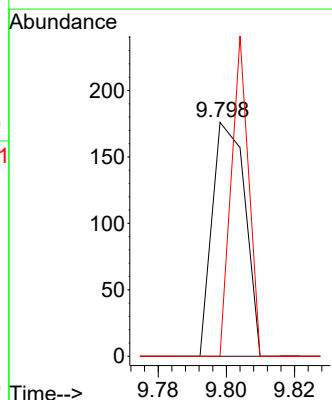
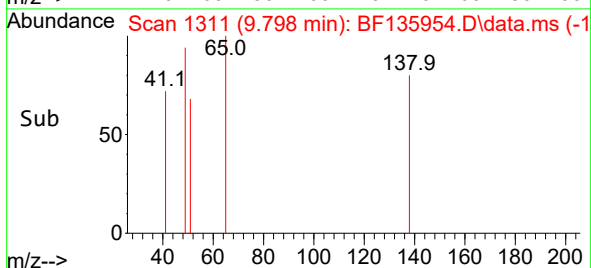
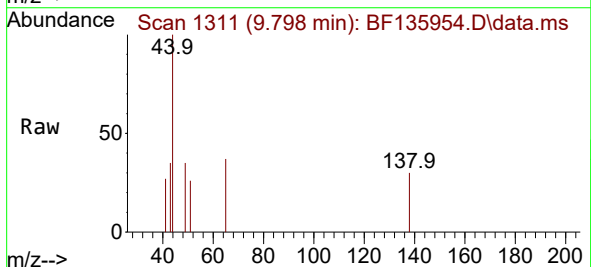


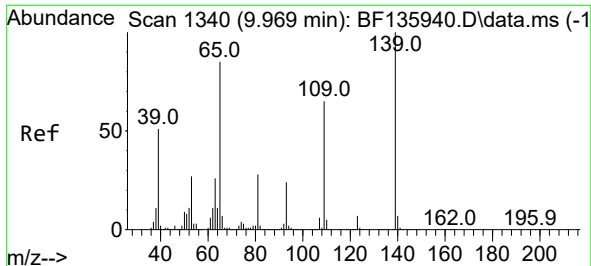
Tgt Ion:165 Resp: 39842
Ion Ratio Lower Upper
165 100
63 1.1 51.7 77.5#
89 1.3 48.3 72.5#



#53
3-Nitroaniline
Concen: 4.583 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.018 min
Lab File: BF135954.D
Acq: 25 Oct 2023 22:01

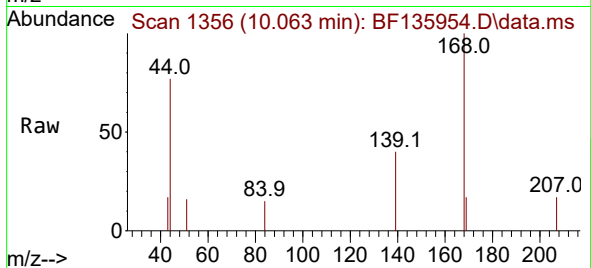
Tgt Ion:138 Resp: 117
Ion Ratio Lower Upper
138 100
108 0.0 11.3 16.9#
92 0.0 95.0 142.6#



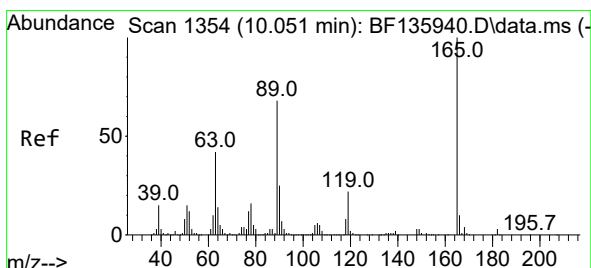
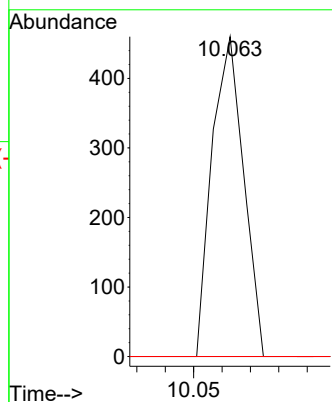
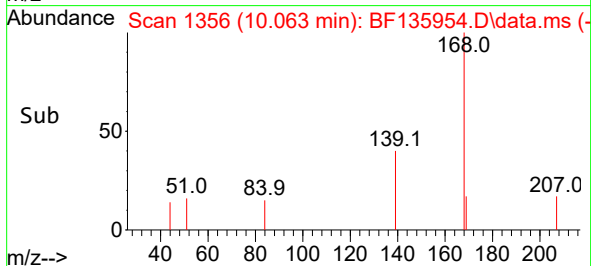


#56
4-Nitrophenol
Concen: 6.266 ng
RT: 10.063 min Scan# 11
Delta R.T. 0.094 min
Lab File: BF135954.D
Acq: 25 Oct 2023 22:01

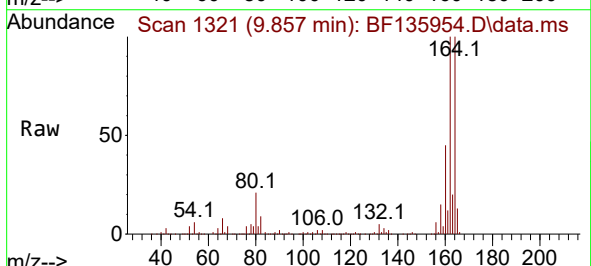
Instrument :
BNA_F
ClientSampleId :



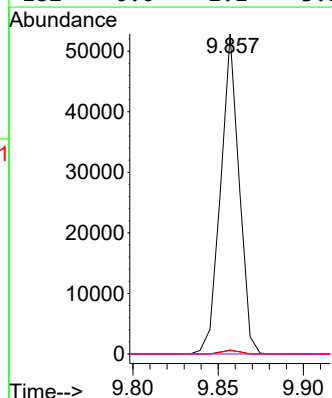
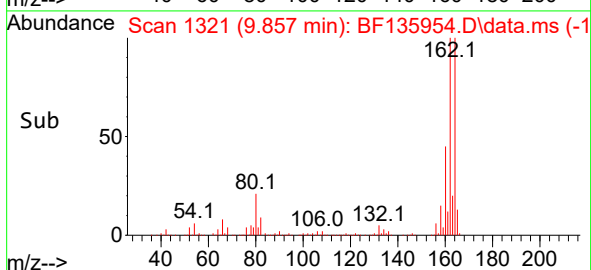
Tgt Ion:139 Resp: 355
Ion Ratio Lower Upper
139 100
109 0.0 45.2 85.2#
65 0.0 65.1 105.1#

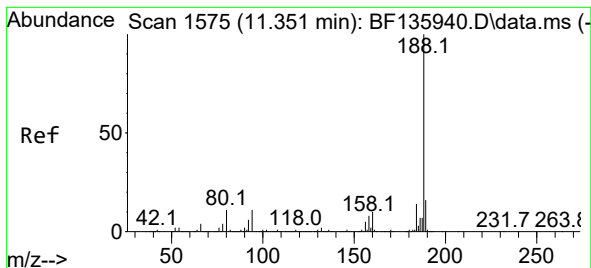


#57
2,4-Dinitrotoluene
Concen: 12.719 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF135954.D
Acq: 25 Oct 2023 22:01



Tgt Ion:165 Resp: 39842
Ion Ratio Lower Upper
165 100
63 1.1 33.7 50.5#
89 1.3 54.6 81.8#
182 0.0 2.1 3.1#

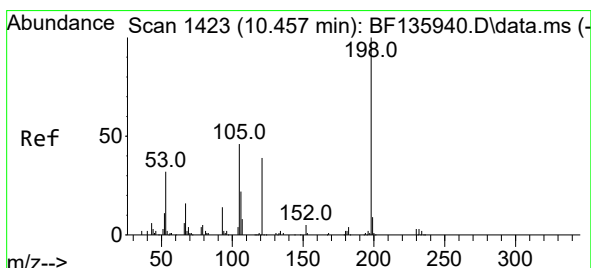
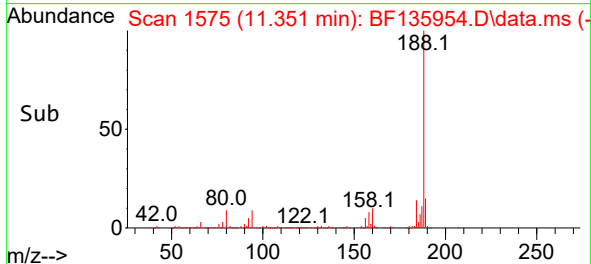
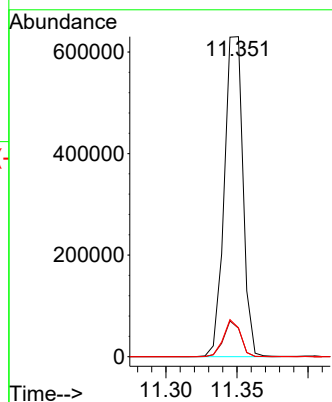
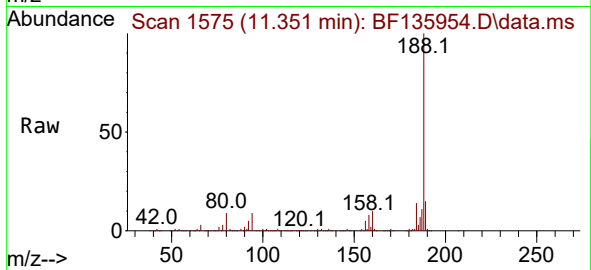




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135954.D
Acq: 25 Oct 2023 22:01

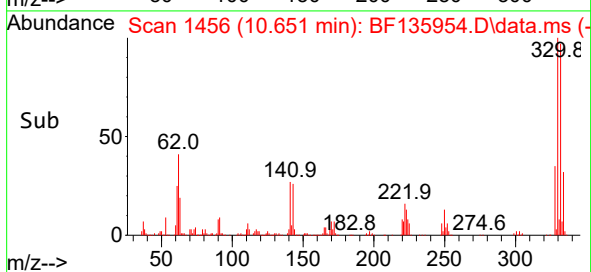
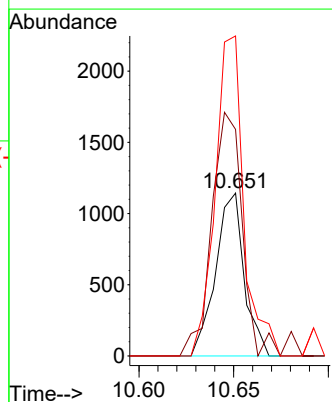
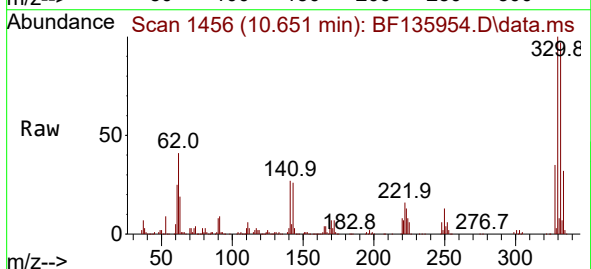
Instrument :
BNA_F
ClientSampleId :

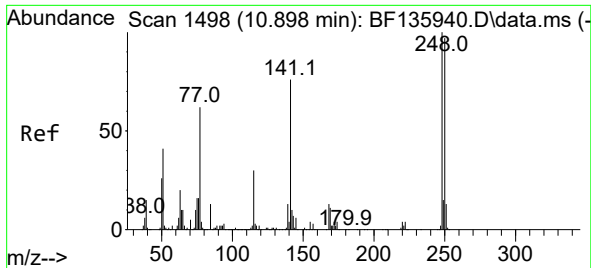
Tgt Ion:188 Resp: 573329
Ion Ratio Lower Upper
188 100
94 8.9 8.6 13.0
80 9.1 9.0 13.6



#65
4,6-Dinitro-2-methylphenol
Concen: 7.740 ng
RT: 10.651 min Scan# 1456
Delta R.T. 0.194 min
Lab File: BF135954.D
Acq: 25 Oct 2023 22:01

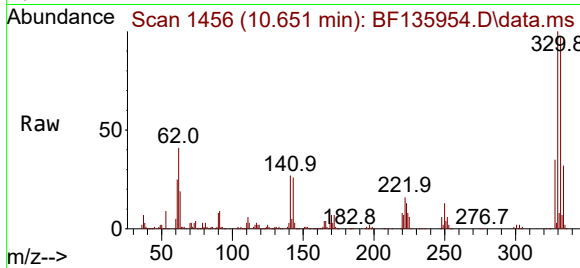
Tgt Ion:198 Resp: 1202
Ion Ratio Lower Upper
198 100
51 139.1 28.7 68.7#
105 196.4 27.2 67.2#



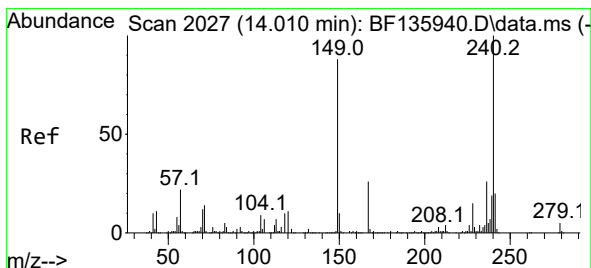
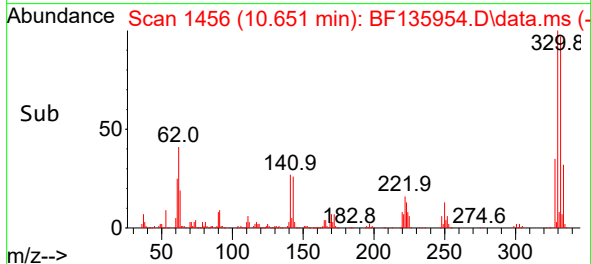
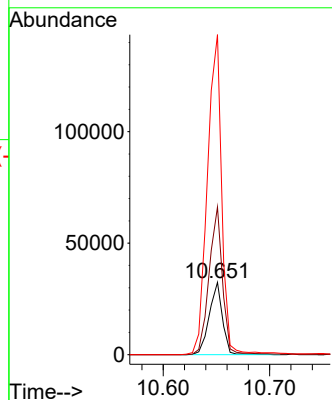


#67
4-Bromophenyl-phenylether
Concen: 4.774 ng
RT: 10.651 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF135954.D
Acq: 25 Oct 2023 22:01

Instrument :
BNA_F
ClientSampleId :

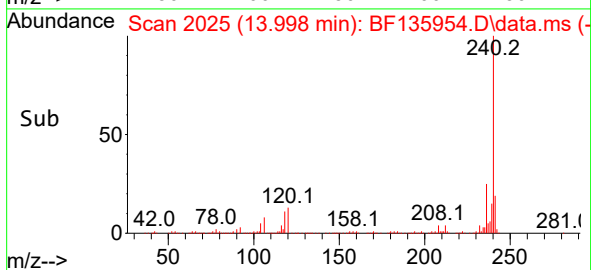
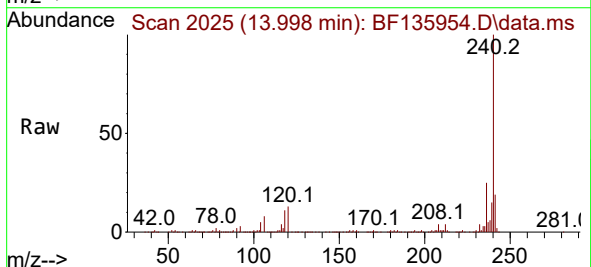
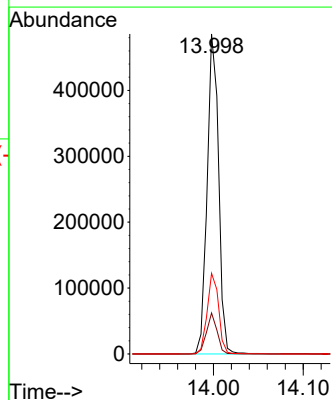


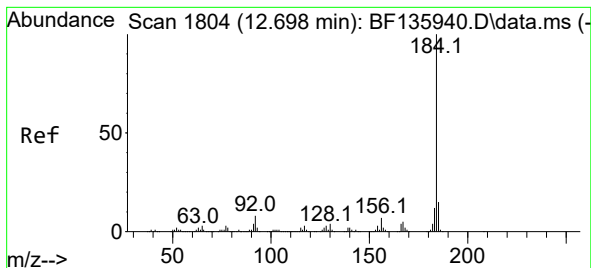
Tgt Ion:248 Resp: 28032
Ion Ratio Lower Upper
248 100
250 204.3 77.9 116.9#
141 442.5 60.8 91.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF135954.D
Acq: 25 Oct 2023 22:01

Tgt Ion:240 Resp: 430245
Ion Ratio Lower Upper
240 100
120 12.8 8.6 13.0
236 25.2 20.6 30.8





#77

Benzidine

Concen: 3.370 ng

RT: 12.951 min Scan# 1847

Delta R.T. 0.253 min

Lab File: BF135954.D

Acq: 25 Oct 2023 22:01

Instrument :

BNA_F

ClientSampleId :

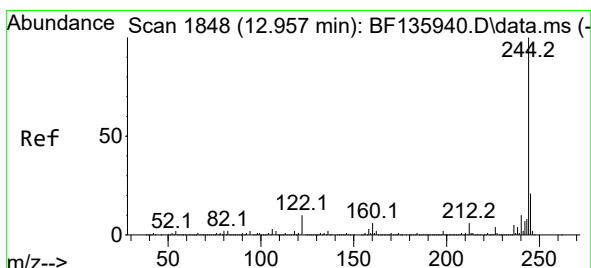
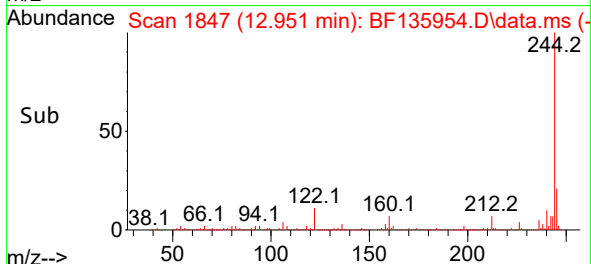
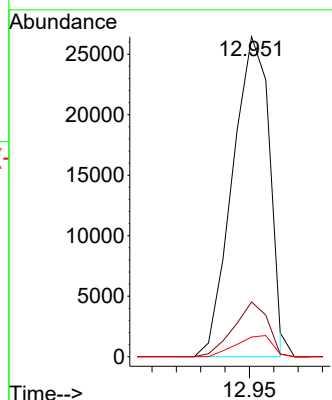
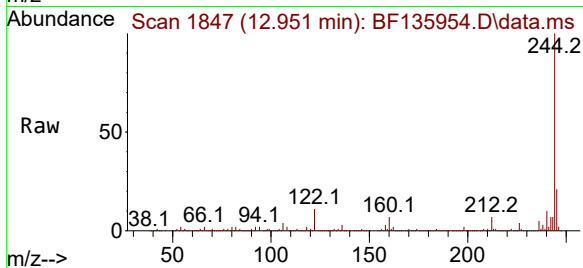
Tgt Ion:184 Resp: 27960

Ion Ratio Lower Upper

184 100

185 17.1 11.7 17.5

183 6.2 9.2 13.8#



#79

Terphenyl-d14

Concen: 90.507 ng

RT: 12.951 min Scan# 1847

Delta R.T. -0.006 min

Lab File: BF135954.D

Acq: 25 Oct 2023 22:01

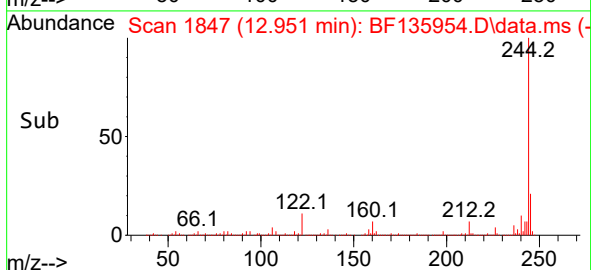
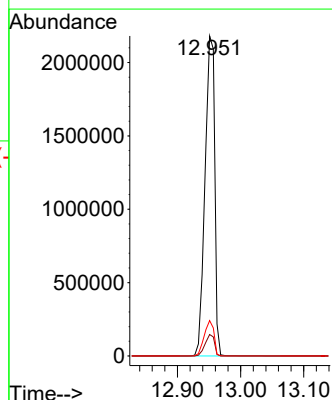
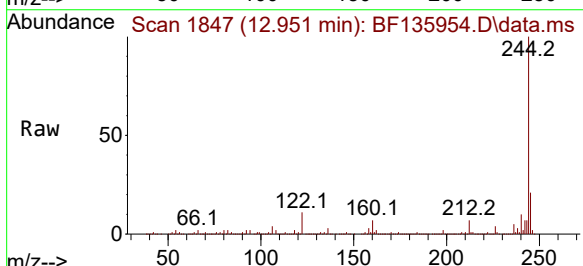
Tgt Ion:244 Resp: 2330670

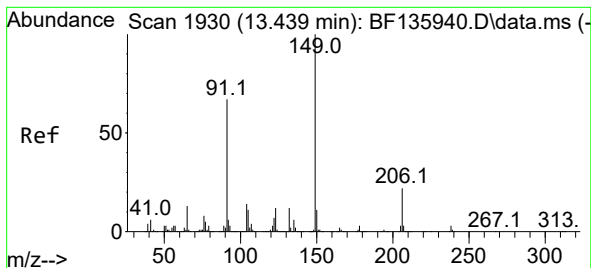
Ion Ratio Lower Upper

244 100

212 6.7 5.0 7.6

122 11.1 8.0 12.0

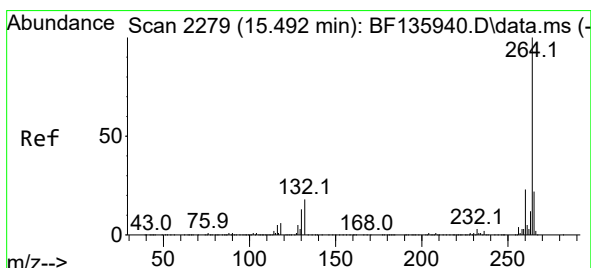
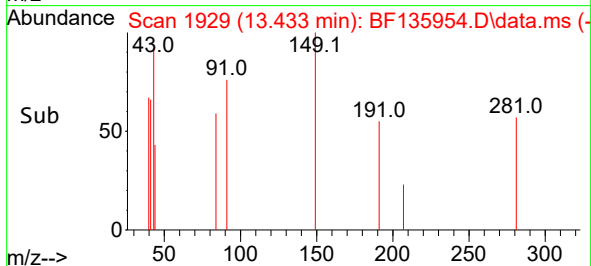
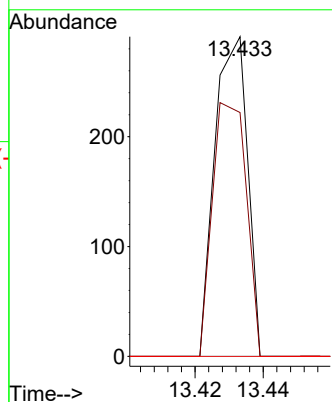
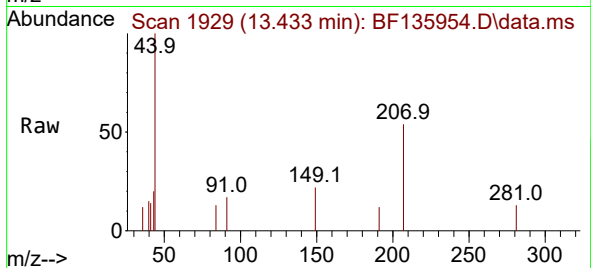




#80
Butylbenzylphthalate
Concen: 3.840 ng
RT: 13.433 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BF135954.D
Acq: 25 Oct 2023 22:01

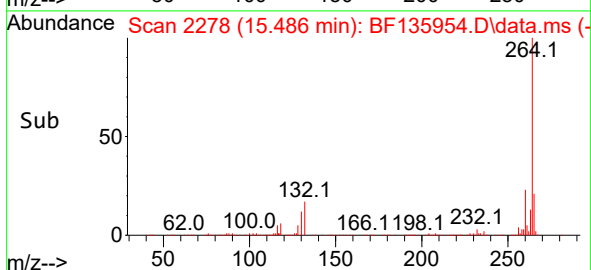
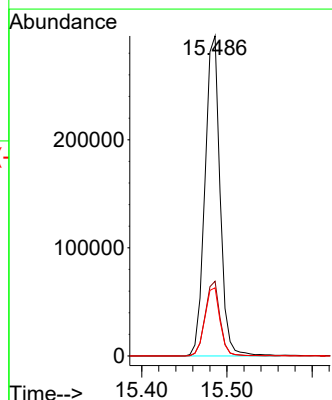
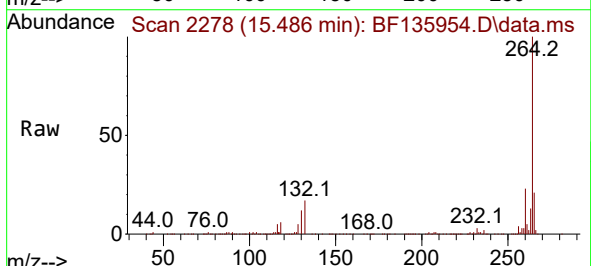
Instrument :
BNA_F
ClientSampleId :

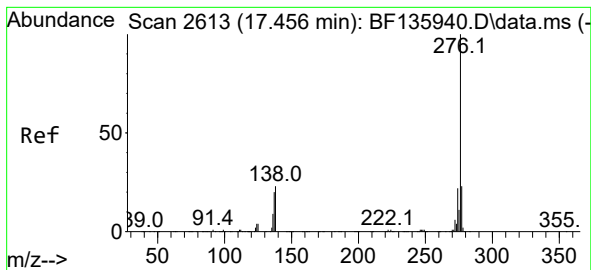
Tgt Ion:149 Resp: 193
Ion Ratio Lower Upper
149 100
91 76.3 53.4 80.0
206 0.0 17.5 26.3#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.486 min Scan# 2278
Delta R.T. -0.006 min
Lab File: BF135954.D
Acq: 25 Oct 2023 22:01

Tgt Ion:264 Resp: 364283
Ion Ratio Lower Upper
264 100
260 23.3 18.6 28.0
265 21.3 17.3 25.9





#92

Benzo(g,h,i)perylene

Concen: 3.777 ng

RT: 17.421 min Scan# 20

Delta R.T. -0.035 min

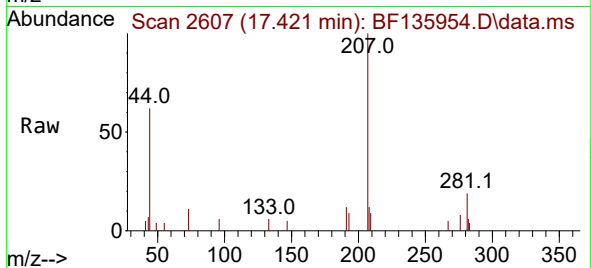
Lab File: BF135954.D

Acq: 25 Oct 2023 22:01

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:276 Resp: 409

Ion Ratio Lower Upper

276 100

277 0.0 18.6 28.0#

138 0.0 18.4 27.6#

