

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022724\
 Data File : BF137407.D
 Acq On : 27 Feb 2024 16:16
 Operator : CG\JU
 Sample : P1524-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20240768-AMENDED-COMP-39N-N-3-03

Quant Time: Feb 27 16:42:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 24 04:23:49 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

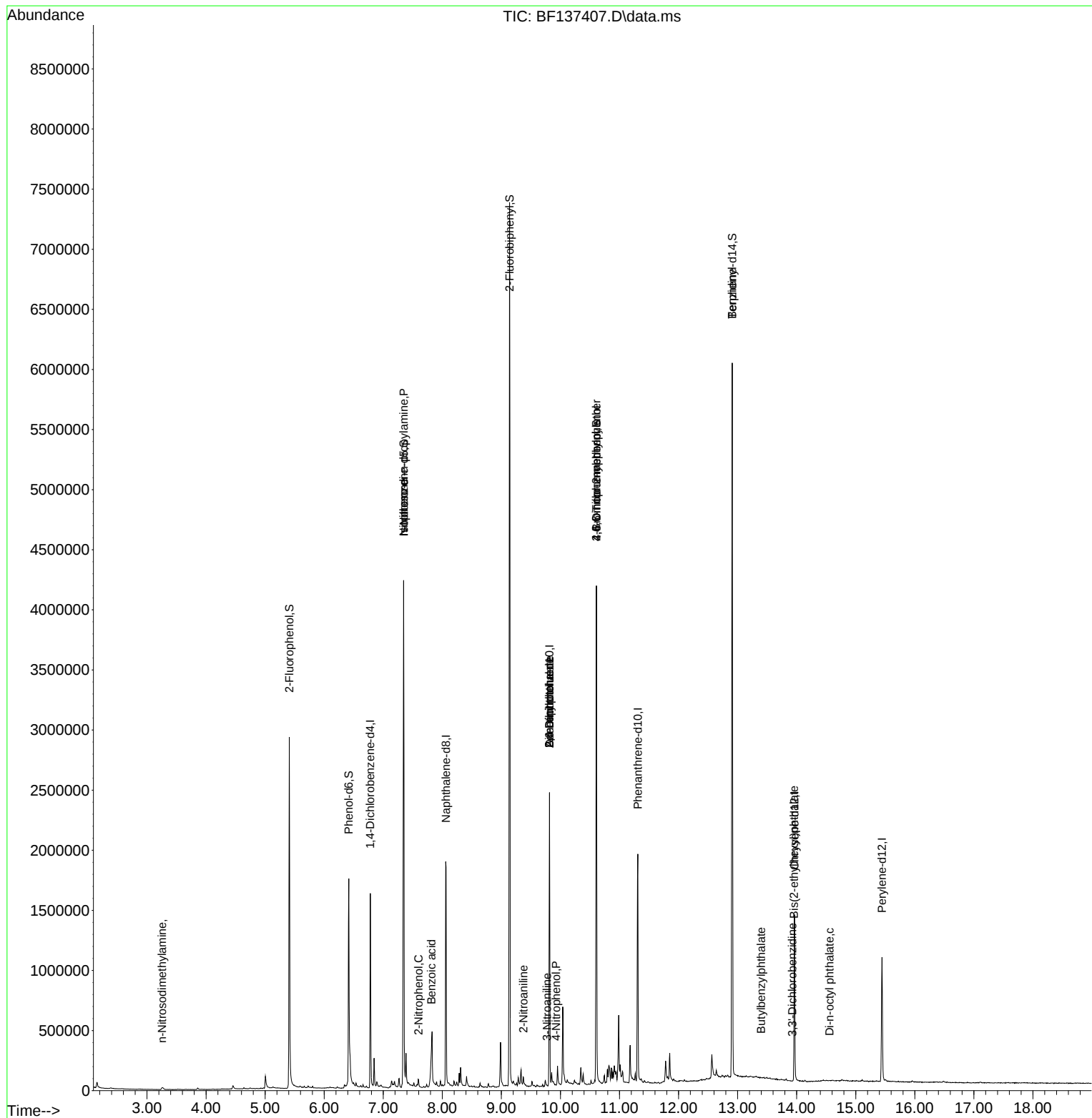
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	220396	20.000	ng	-0.02
21) Naphthalene-d8	8.063	136	854640	20.000	ng	-0.02
39) Acenaphthene-d10	9.816	164	439215	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	654876	20.000	ng	-0.02
76) Chrysene-d12	13.963	240	437178	20.000	ng	-0.02
86) Perylene-d12	15.445	264	452112	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	772589	54.090	ng	-0.02
7) Phenol-d6	6.416	99	616090	29.322	ng	-0.02
23) Nitrobenzene-d5	7.345	82	1474263	86.120	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	444627	116.251	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	2306196	81.746	ng	-0.02
79) Terphenyl-d14	12.910	244	2078443	66.497	ng	-0.02
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.257	42	1645	5.302	ng	# 1
19) n-Nitroso-di-n-propyla...	7.345	70	192180	14.843	ng	# 82
25) Isophorone	7.345	82	1472323	41.590	ng	# 69
26) 2-Nitrophenol	7.598	139	246	2.937	ng	# 24
32) Benzoic acid	7.816	122	7022	7.704	ng	# 96
48) 2-Nitroaniline	9.375	65	163	4.263	ng	# 62
50) Dimethylphthalate	9.816	163	71398	2.353	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	57193	10.130	ng	# 26
53) 3-Nitroaniline	9.775	138	173	2.386	ng	# 1
56) 4-Nitrophenol	9.928	139	56	4.849	ng	# 1
57) 2,4-Dinitrotoluene	9.816	165	57193	8.898	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.610	198	964	4.779	ng	# 1
67) 4-Bromophenyl-phenylether	10.610	248	31602	4.489	ng	# 1
77) Benzidine	12.910	184	25233	9.826	ng	# 91
80) Butylbenzylphthalate	13.398	149	73	3.996	ng	# 52
82) 3,3'-Dichlorobenzidine	13.927	252	489	5.095	ng	# 20
84) Bis(2-ethylhexyl)phtha...	13.957	149	3028	4.535	ng	# 79
85) Di-n-octyl phthalate	14.557	149	245	6.021	ng	# 1

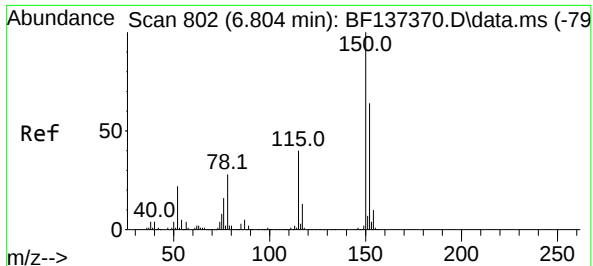
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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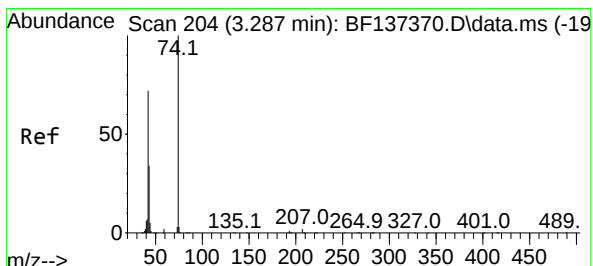
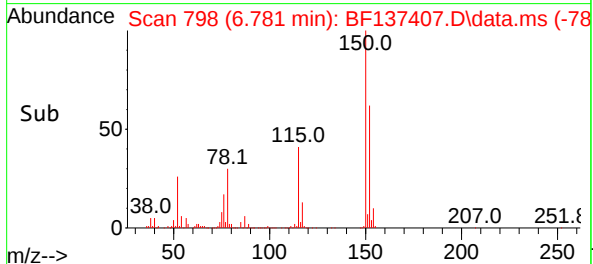
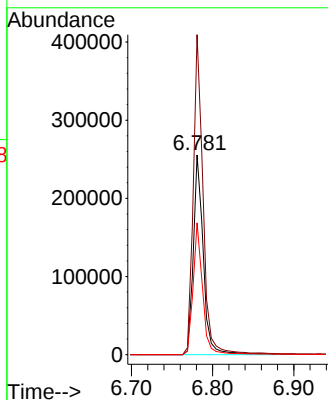
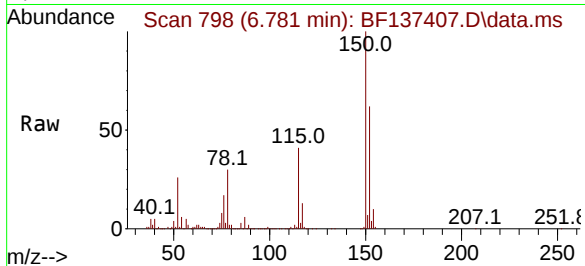




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.023 min
Lab File: BF137407.D
Acq: 27 Feb 2024 16:16

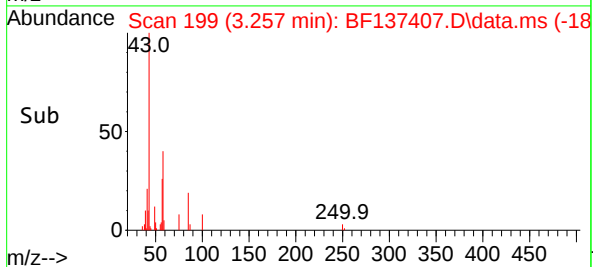
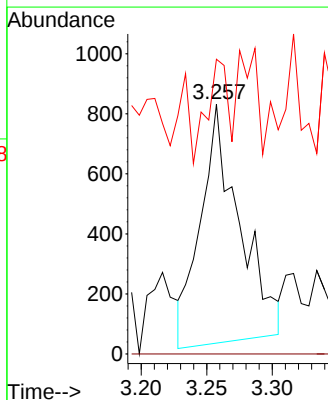
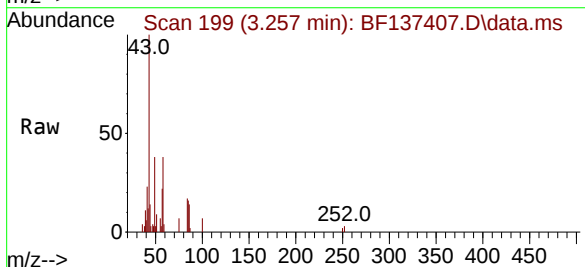
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BNA_F
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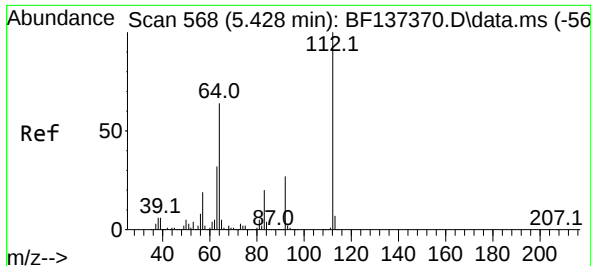
Tgt Ion:152 Resp: 220396
Ion Ratio Lower Upper
152 100
150 160.2 125.7 188.5
115 66.0 49.8 74.8



#4
n-Nitrosodimethylamine
Concen: 5.302 ng
RT: 3.257 min Scan# 199
Delta R.T. -0.030 min
Lab File: BF137407.D
Acq: 27 Feb 2024 16:16

Tgt Ion: 42 Resp: 1645
Ion Ratio Lower Upper
42 100
74 0.0 110.8 166.2#
44 118.0 6.0 9.0#

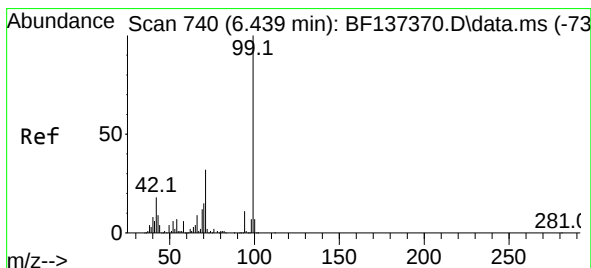
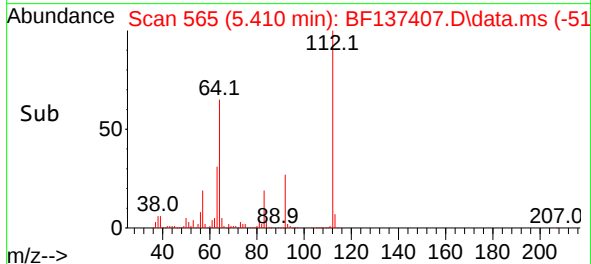
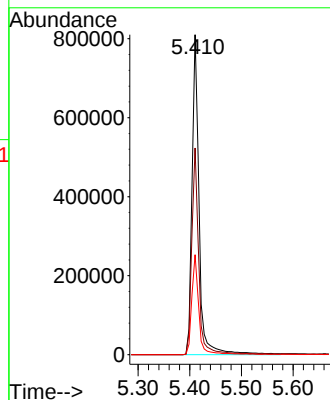
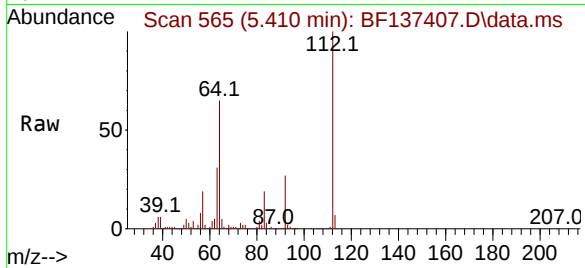




#5
2-Fluorophenol
Concen: 54.090 ng
RT: 5.410 min Scan# 501
Delta R.T. -0.018 min
Lab File: BF137407.D
Acq: 27 Feb 2024 16:16

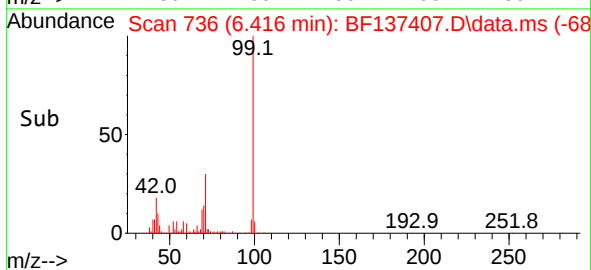
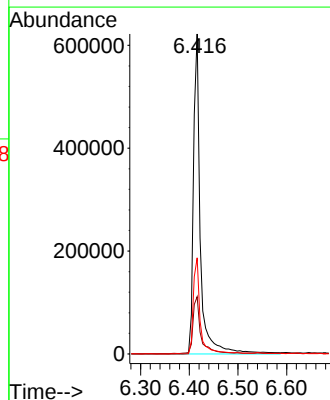
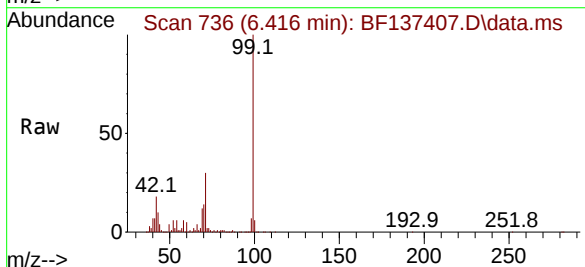
Instrument :
BNA_F
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03

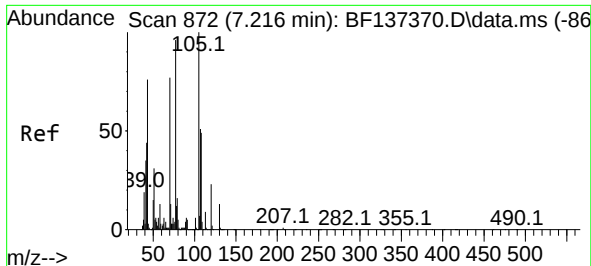
Tgt Ion:112 Resp: 772589
Ion Ratio Lower Upper
112 100
64 64.6 51.0 76.6
63 31.3 25.7 38.5



#7
Phenol-d6
Concen: 29.322 ng
RT: 6.416 min Scan# 736
Delta R.T. -0.023 min
Lab File: BF137407.D
Acq: 27 Feb 2024 16:16

Tgt Ion: 99 Resp: 616090
Ion Ratio Lower Upper
99 100
42 17.9 14.2 21.4
71 30.1 25.2 37.8

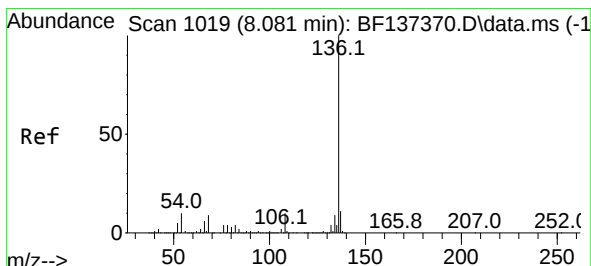
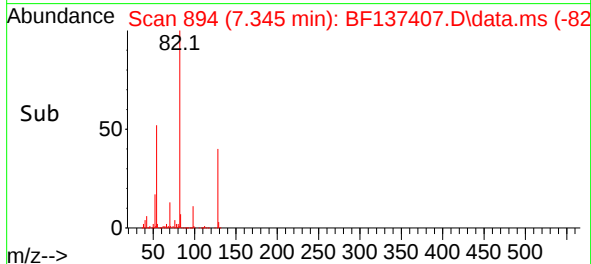
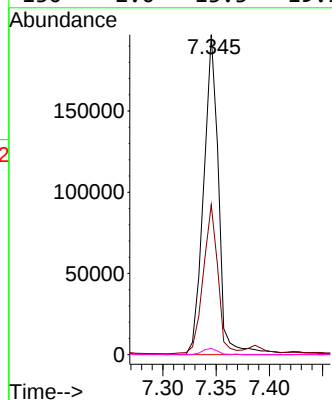
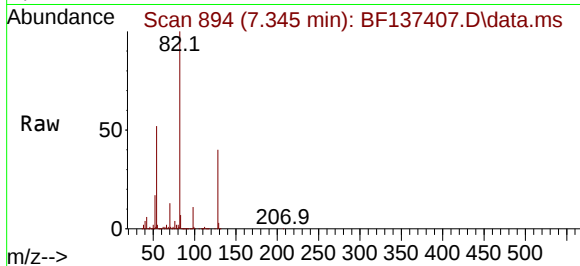




#19
n-Nitroso-di-n-propylamine
Concen: 14.843 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.129 min
Lab File: BF137407.D
Acq: 27 Feb 2024 16:16

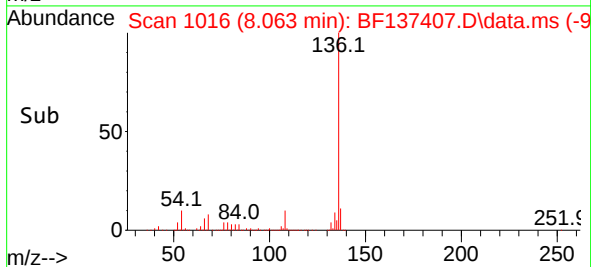
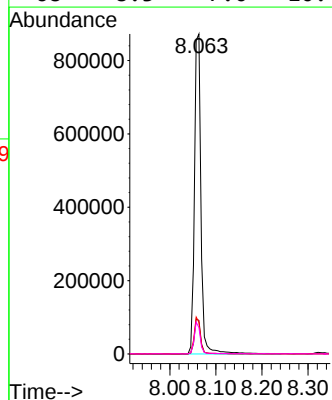
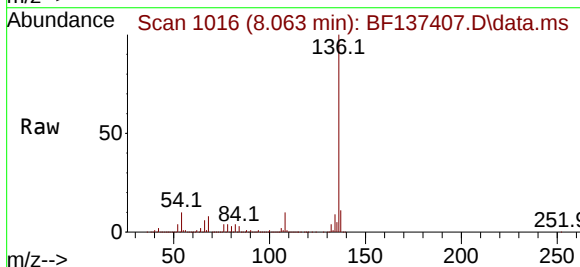
Instrument :
BNA_F
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03

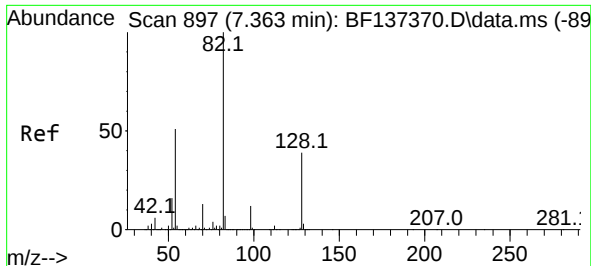
Tgt Ion:	70	Resp:	192180
Ion	Ratio	Lower	Upper
70	100		
42	46.8	45.3	67.9
101	0.0	6.5	9.7#
130	2.0	13.3	19.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF137407.D
Acq: 27 Feb 2024 16:16

Tgt Ion:	136	Resp:	854640
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.4
54	9.9	7.8	11.6
68	8.3	7.0	10.4





#23

Nitrobenzene-d5

Concen: 86.120 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.018 min

Lab File: BF137407.D

Acq: 27 Feb 2024 16:16

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03

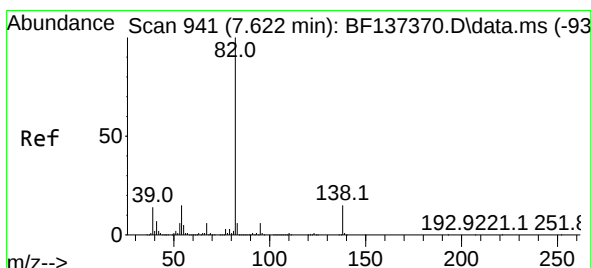
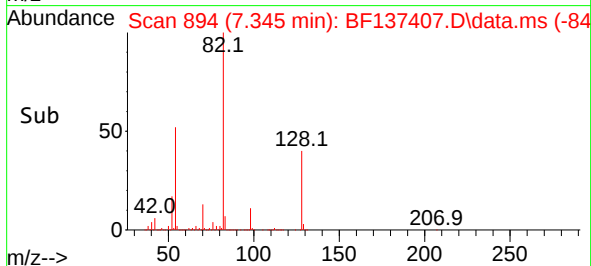
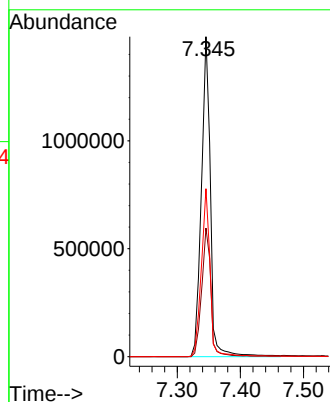
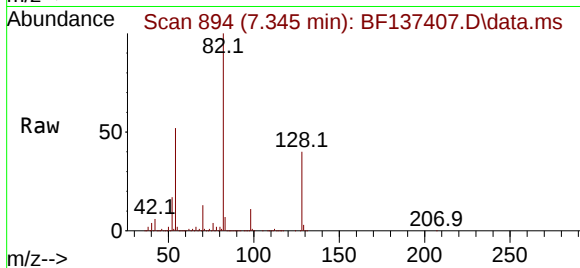
Tgt Ion: 82 Resp: 1474263

Ion Ratio Lower Upper

82 100

128 40.2 30.8 46.2

54 52.5 40.8 61.2



#25

Isophorone

Concen: 41.590 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.276 min

Lab File: BF137407.D

Acq: 27 Feb 2024 16:16

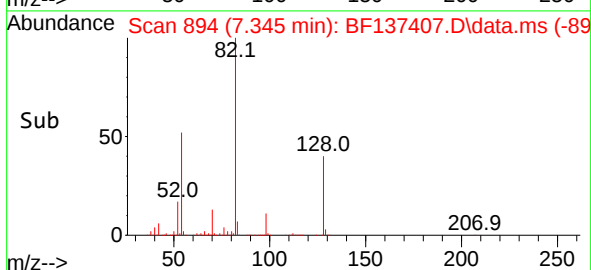
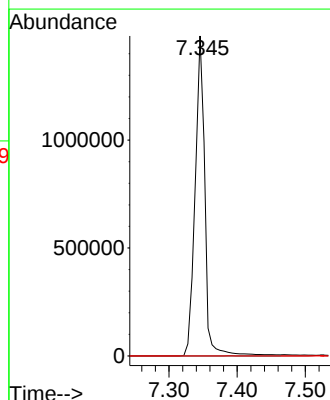
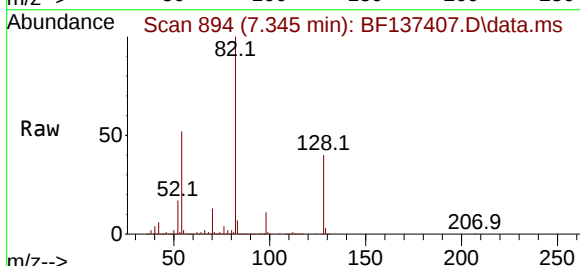
Tgt Ion: 82 Resp: 1472323

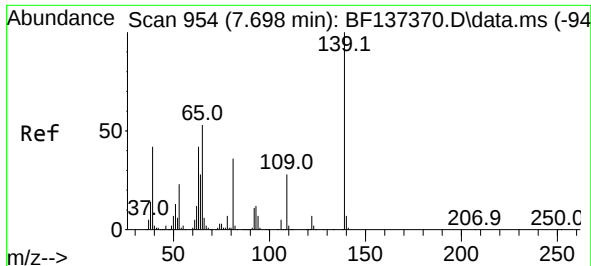
Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 12.2 18.4#

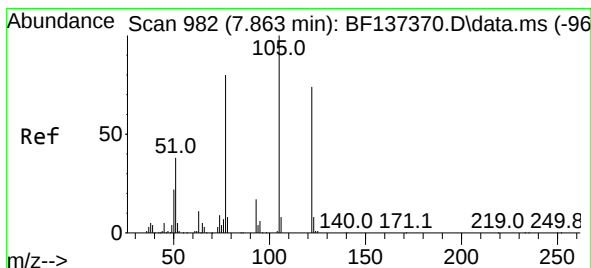
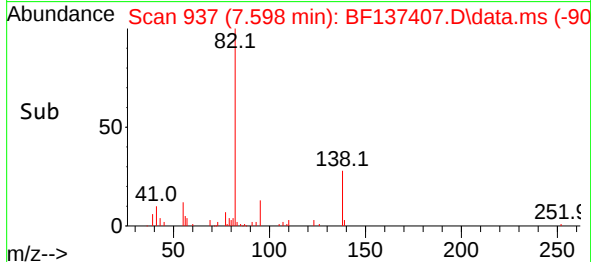
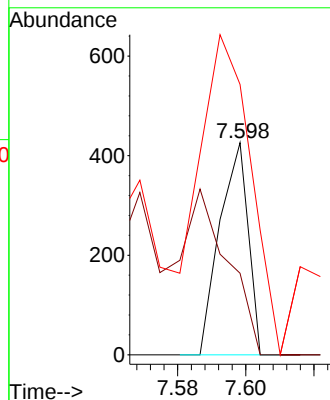
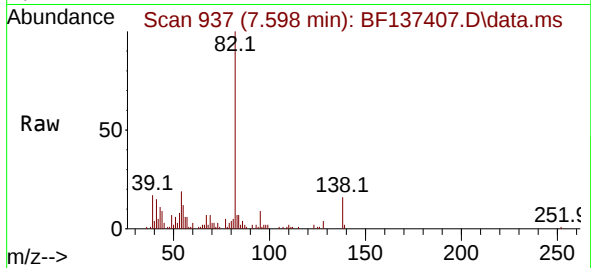




#26
2-Nitrophenol
Concen: 2.937 ng
RT: 7.598 min Scan# 913
Delta R.T. -0.100 min
Lab File: BF137407.D
Acq: 27 Feb 2024 16:16

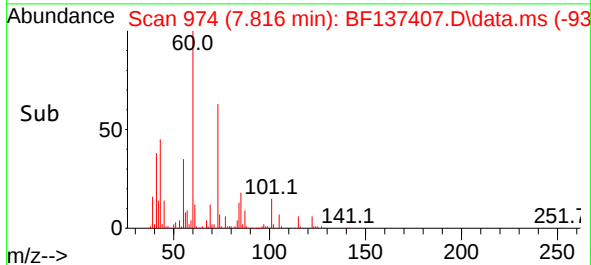
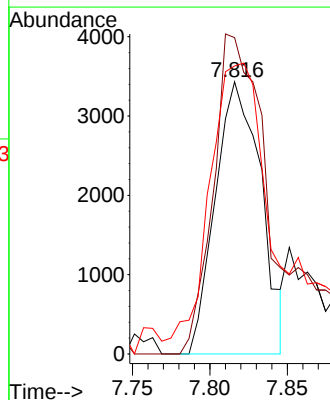
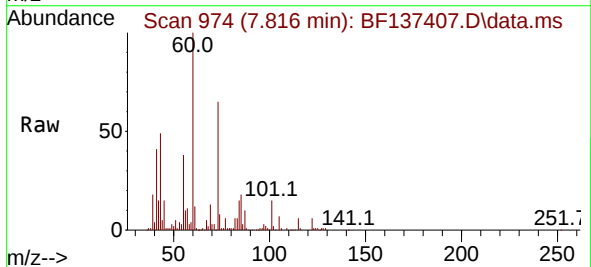
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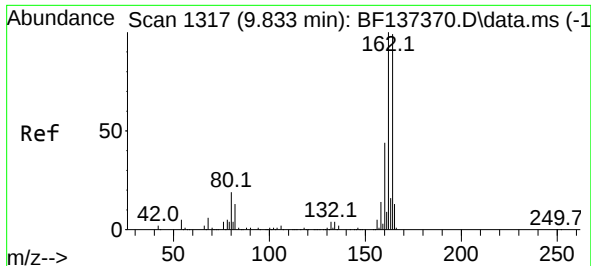
Tgt Ion:139 Resp: 246
Ion Ratio Lower Upper
139 100
109 38.5 22.5 33.7#
65 127.5 42.3 63.5#



#32
Benzoic acid
Concen: 7.704 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.047 min
Lab File: BF137407.D
Acq: 27 Feb 2024 16:16

Tgt Ion:122 Resp: 7022
Ion Ratio Lower Upper
122 100
105 116.3 101.1 141.1
77 105.8 82.8 122.8

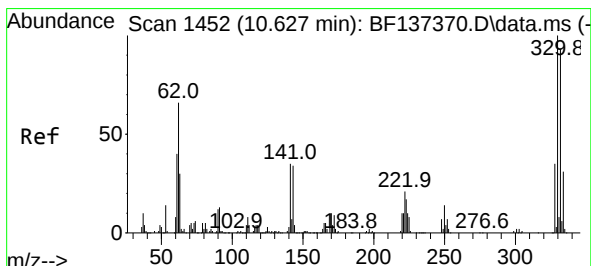
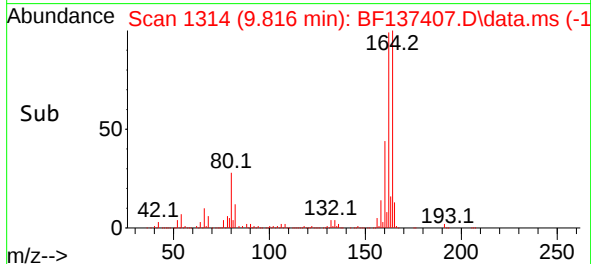
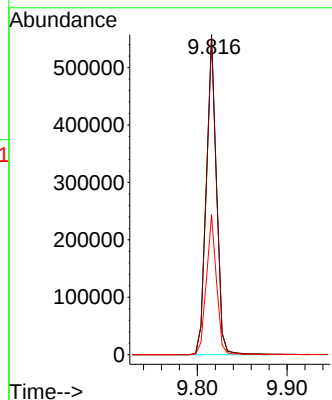
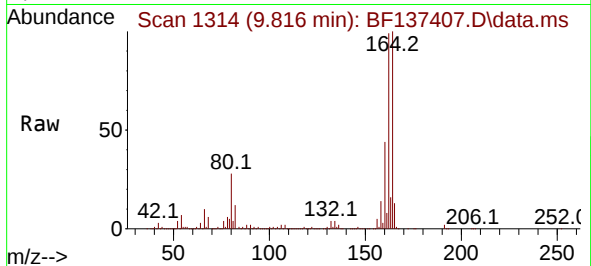




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF137407.D
Acq: 27 Feb 2024 16:16

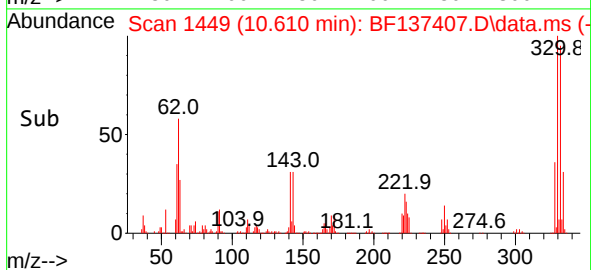
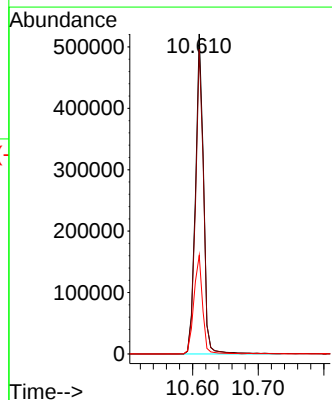
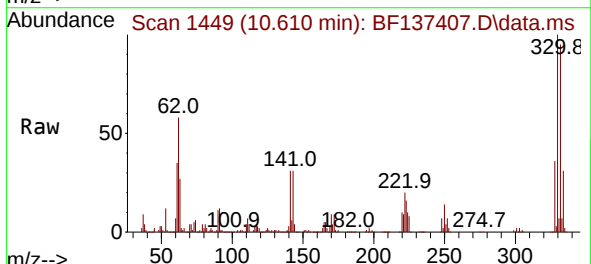
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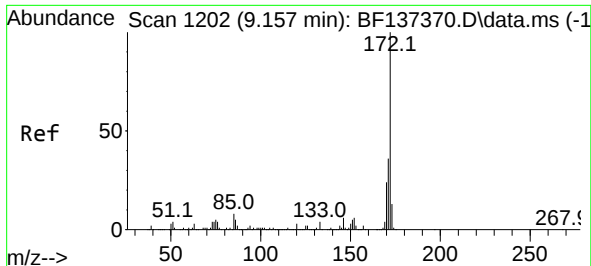
Tgt Ion:164 Resp: 439215
Ion Ratio Lower Upper
164 100
162 98.9 81.2 121.8
160 43.7 35.7 53.5



#42
2,4,6-Tribromophenol
Concen: 116.251 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.018 min
Lab File: BF137407.D
Acq: 27 Feb 2024 16:16

Tgt Ion:330 Resp: 444627
Ion Ratio Lower Upper
330 100
332 94.8 75.6 113.4
141 33.1 28.6 42.8

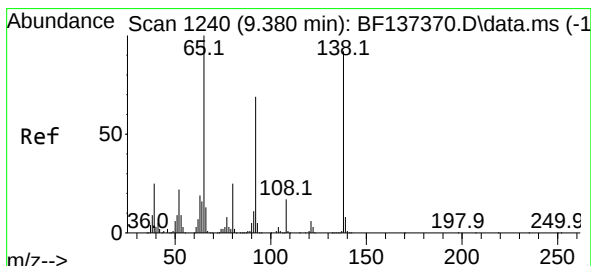
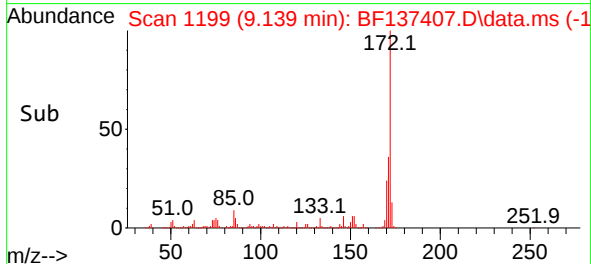
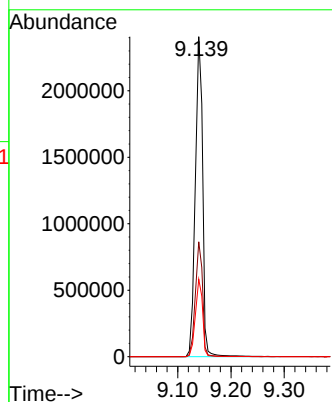
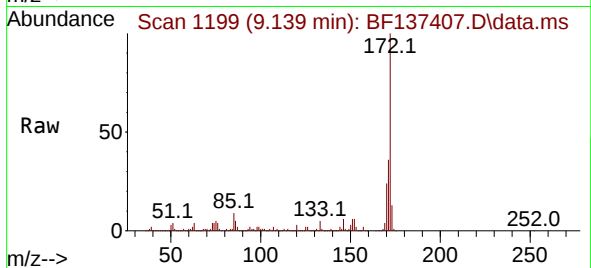




#45
2-Fluorobiphenyl
Concen: 81.746 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.018 min
Lab File: BF137407.D
Acq: 27 Feb 2024 16:16

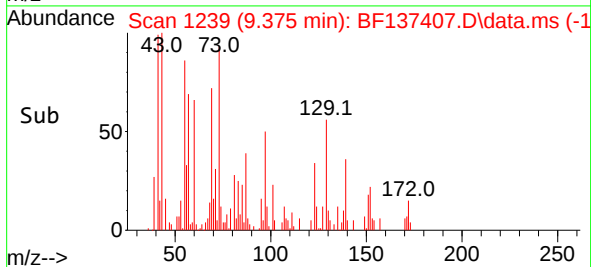
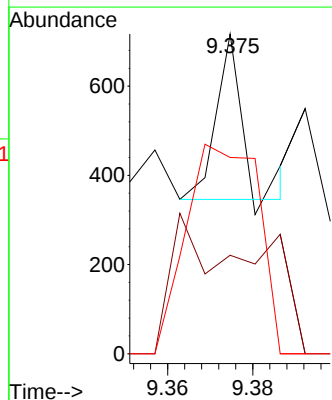
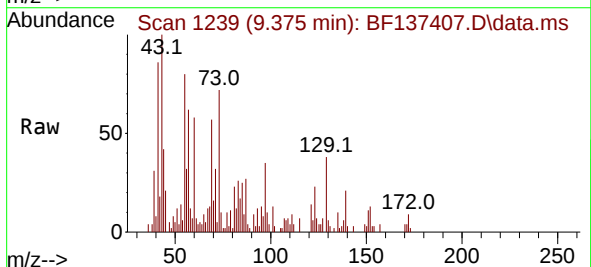
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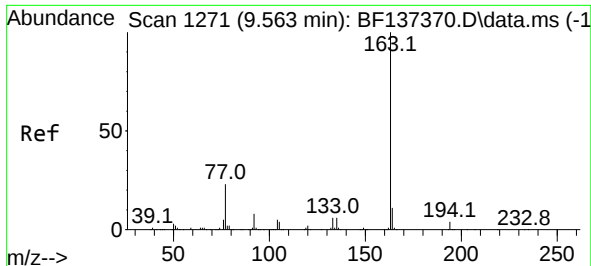
Tgt Ion:172 Resp: 2306196
Ion Ratio Lower Upper
172 100
171 35.9 28.7 43.1
170 24.2 19.5 29.3



#48
2-Nitroaniline
Concen: 4.263 ng
RT: 9.375 min Scan# 1239
Delta R.T. -0.005 min
Lab File: BF137407.D
Acq: 27 Feb 2024 16:16

Tgt Ion: 65 Resp: 163
Ion Ratio Lower Upper
65 100
92 30.8 55.0 82.6#
138 61.4 73.7 110.5#

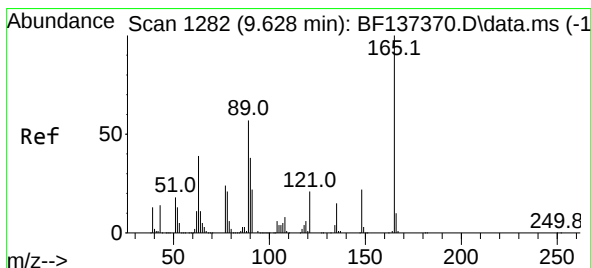
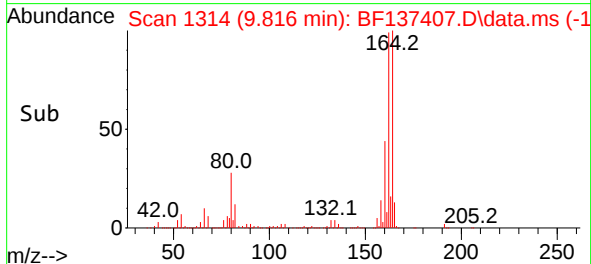
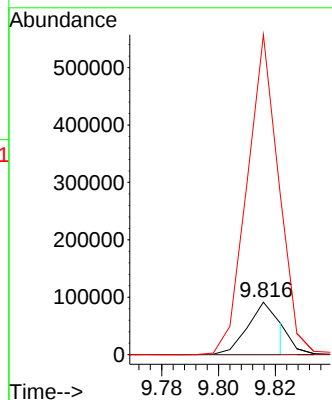
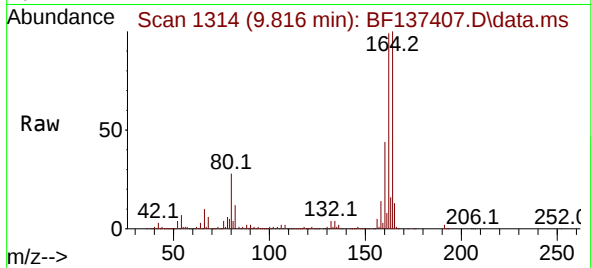




#50
Dimethylphthalate
Concen: 2.353 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.253 min
Lab File: BF137407.D
Acq: 27 Feb 2024 16:16

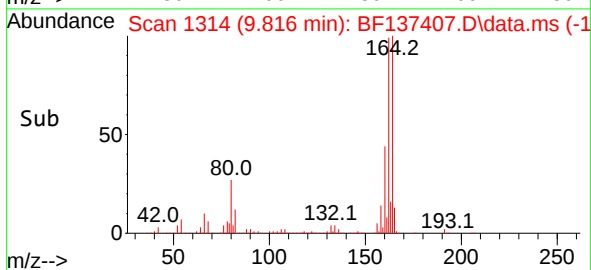
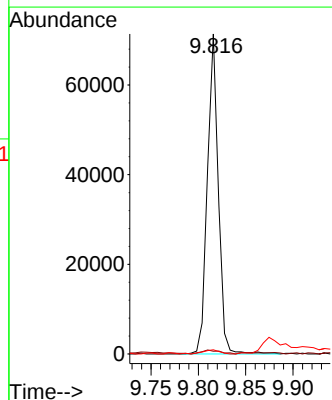
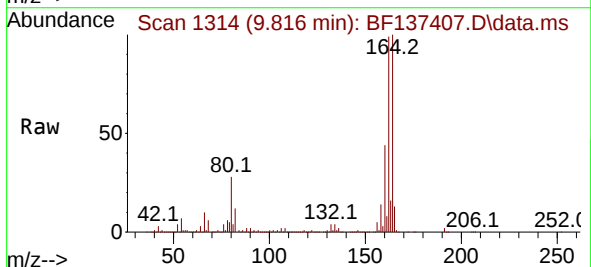
Instrument :
BNA_F
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03

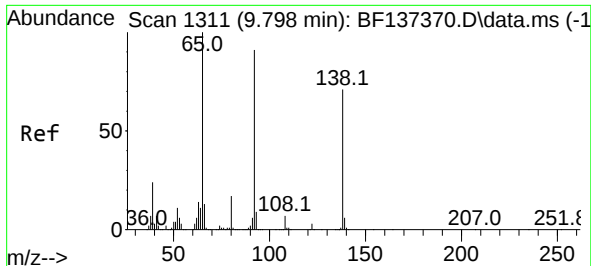
Tgt Ion:163 Resp: 71398
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 610.1 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 10.130 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.188 min
Lab File: BF137407.D
Acq: 27 Feb 2024 16:16

Tgt Ion:165 Resp: 57193
Ion Ratio Lower Upper
165 100
63 0.9 41.6 62.4#
89 1.3 45.8 68.6#

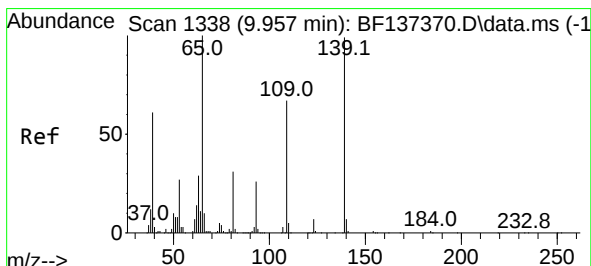
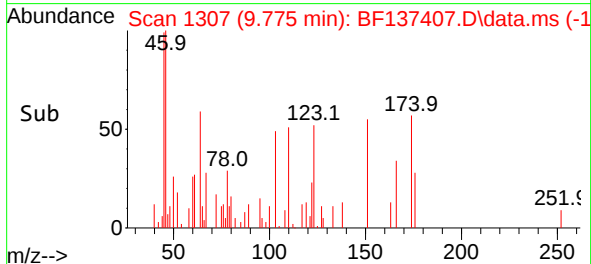
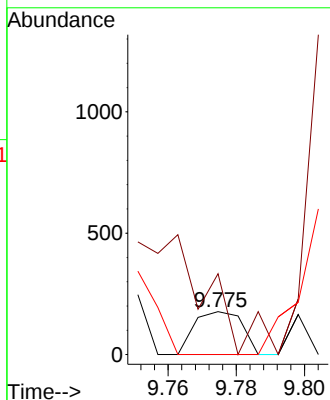
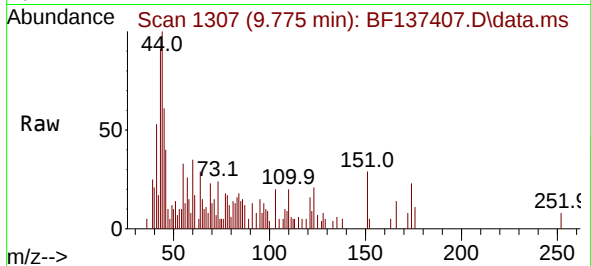




#53
3-Nitroaniline
Concen: 2.386 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.023 min
Lab File: BF137407.D
Acq: 27 Feb 2024 16:16

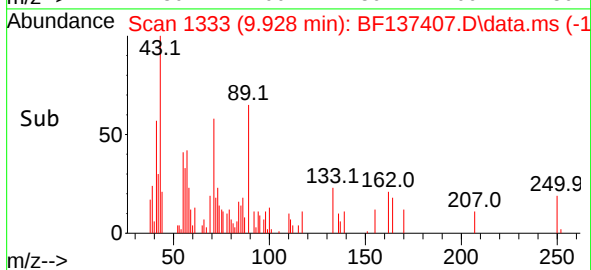
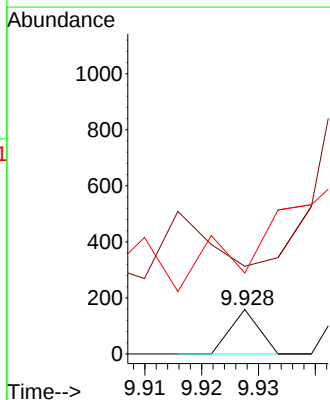
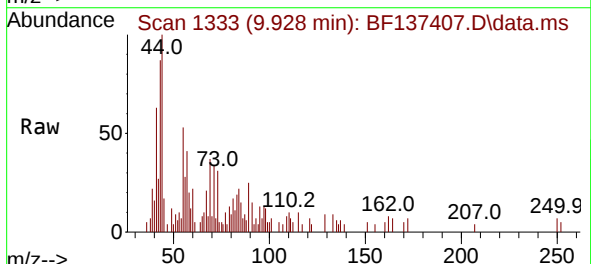
Instrument :
BNA_F
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03

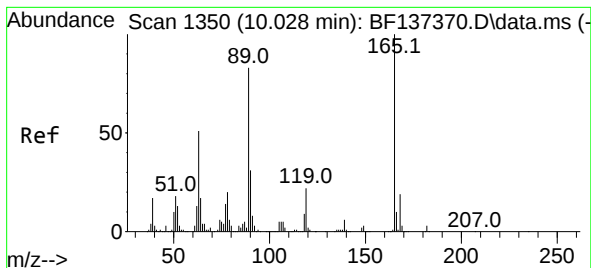
Tgt Ion:138 Resp: 173
Ion Ratio Lower Upper
138 100
108 188.1 8.2 12.2#
92 0.0 102.2 153.2#



#56
4-Nitrophenol
Concen: 4.849 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.029 min
Lab File: BF137407.D
Acq: 27 Feb 2024 16:16

Tgt Ion:139 Resp: 56
Ion Ratio Lower Upper
139 100
109 196.9 48.0 88.0#
65 181.8 82.2 122.2#

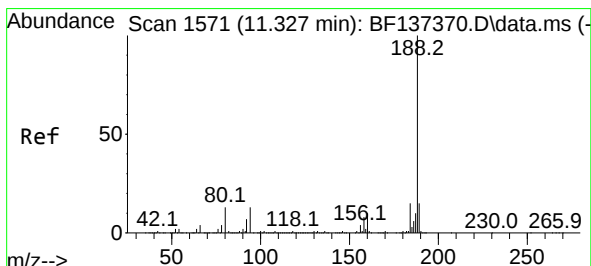
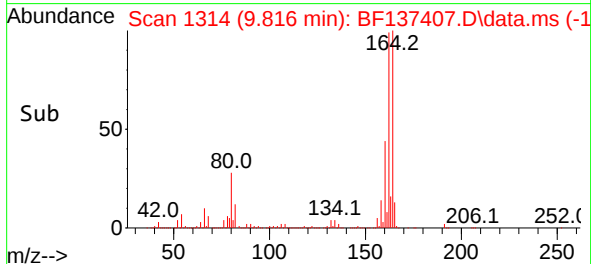
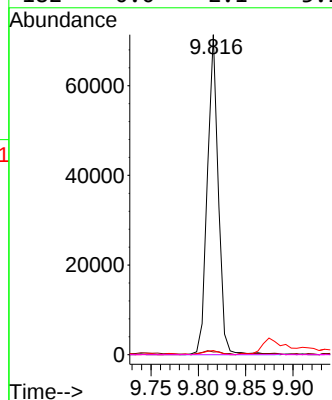
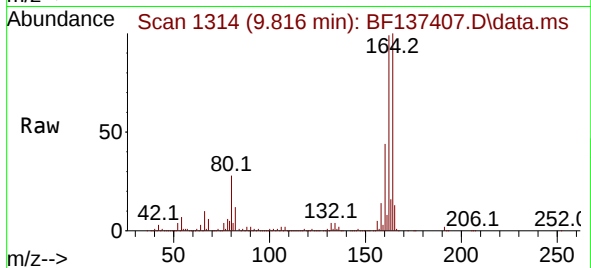




#57
2,4-Dinitrotoluene
Concen: 8.898 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF137407.D
Acq: 27 Feb 2024 16:16

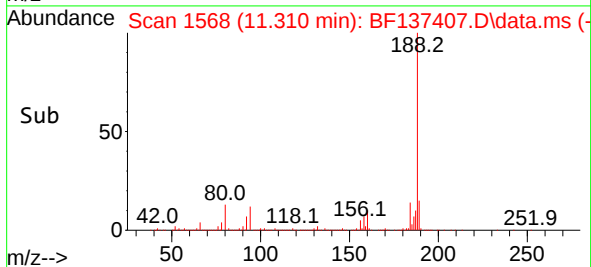
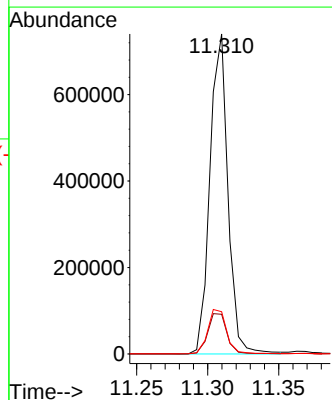
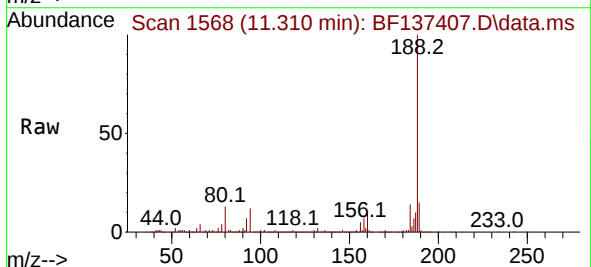
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03

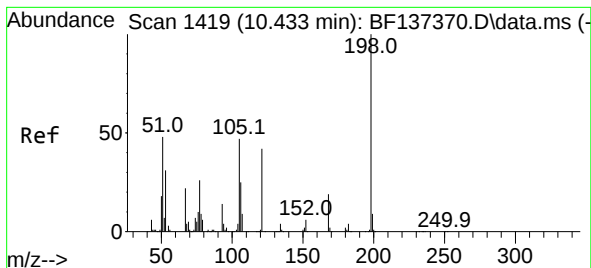
Tgt Ion:165 Resp: 57193
Ion Ratio Lower Upper
165 100
63 0.9 41.1 61.7#
89 1.3 66.6 100.0#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.018 min
Lab File: BF137407.D
Acq: 27 Feb 2024 16:16

Tgt Ion:188 Resp: 654876
Ion Ratio Lower Upper
188 100
94 12.4 10.2 15.2
80 13.2 10.7 16.1

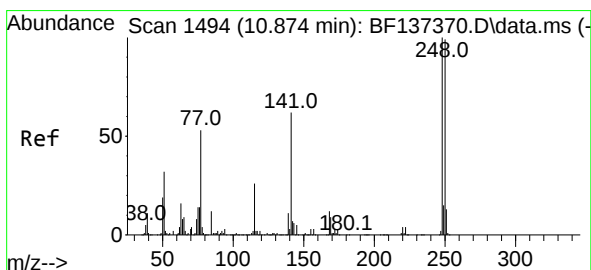
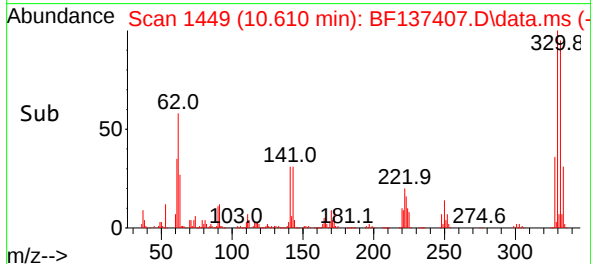
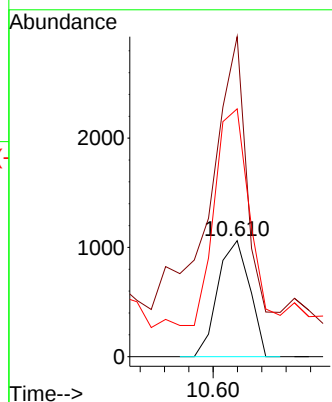
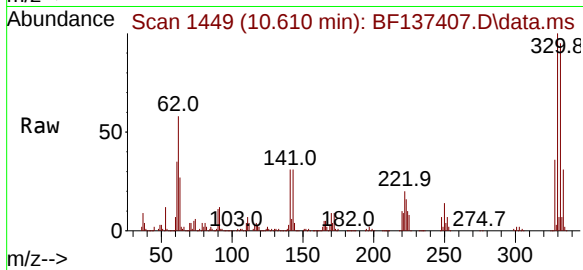




#65
4,6-Dinitro-2-methylphenol
Concen: 4.779 ng
RT: 10.610 min Scan# 1419
Delta R.T. 0.177 min
Lab File: BF137407.D
Acq: 27 Feb 2024 16:16

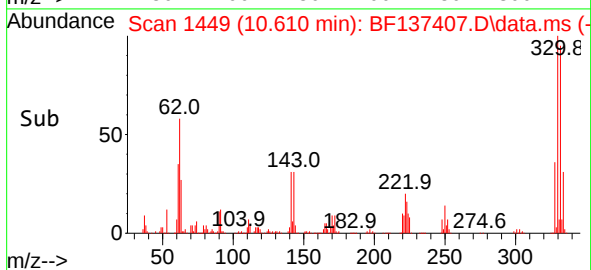
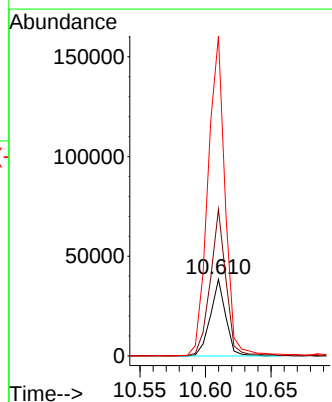
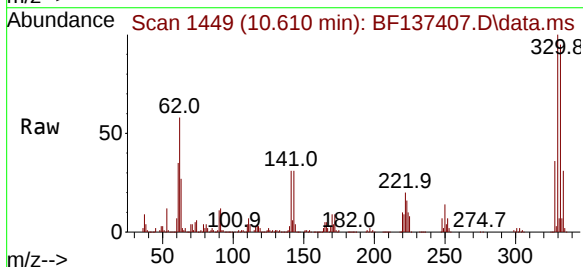
Instrument :
BNA_F
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03

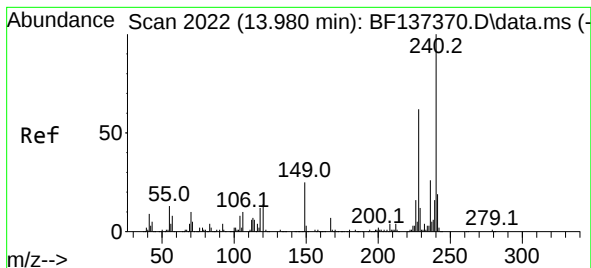
Tgt Ion:198 Resp: 964
Ion Ratio Lower Upper
198 100
51 275.8 36.8 76.8#
105 213.7 28.5 68.5#



#67
4-Bromophenyl-phenylether
Concen: 4.489 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.265 min
Lab File: BF137407.D
Acq: 27 Feb 2024 16:16

Tgt Ion:248 Resp: 31602
Ion Ratio Lower Upper
248 100
250 191.5 79.0 118.6#
141 417.1 49.9 74.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 20

Delta R.T. -0.018 min

Lab File: BF137407.D

Acq: 27 Feb 2024 16:16

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03

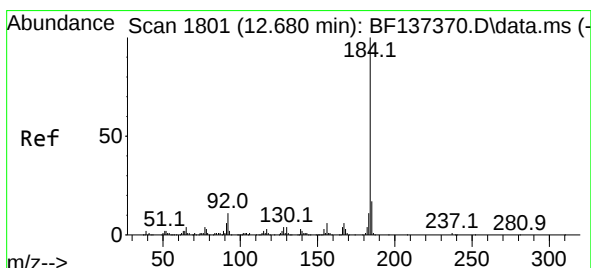
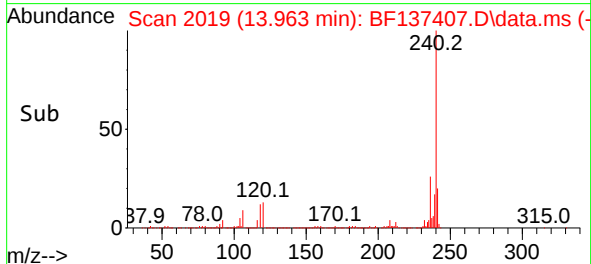
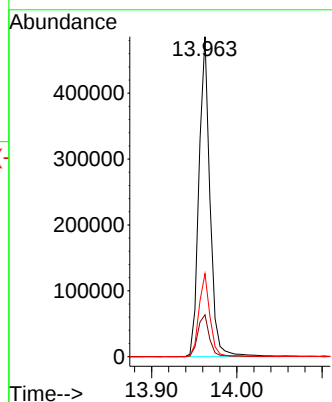
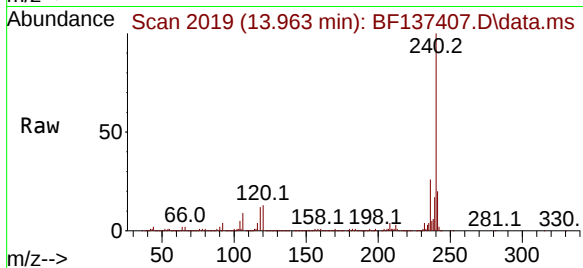
Tgt Ion:240 Resp: 437178

Ion Ratio Lower Upper

240 100

120 13.1 11.3 16.9

236 26.0 20.5 30.7



#77

Benzidine

Concen: 9.826 ng

RT: 12.910 min Scan# 1840

Delta R.T. 0.230 min

Lab File: BF137407.D

Acq: 27 Feb 2024 16:16

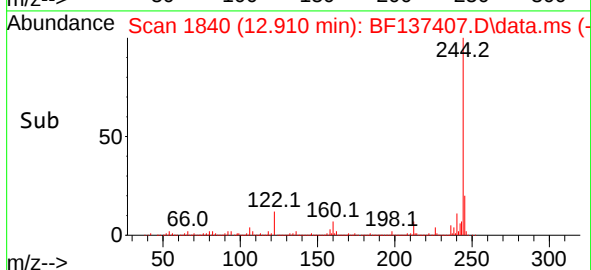
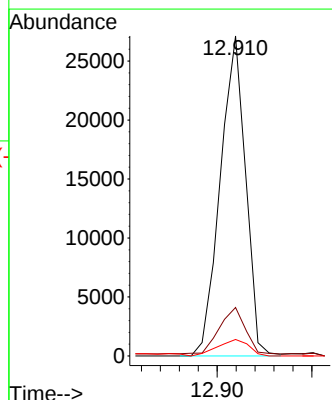
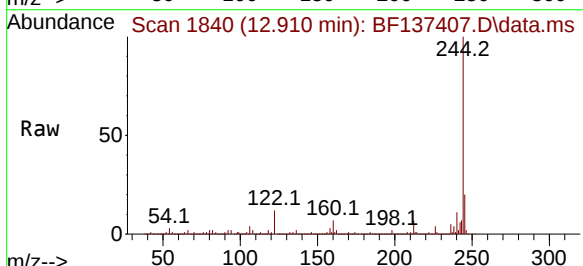
Tgt Ion:184 Resp: 25233

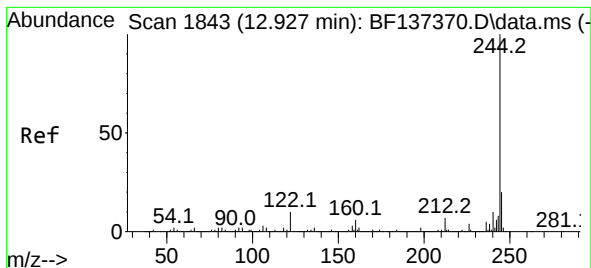
Ion Ratio Lower Upper

184 100

185 15.1 13.7 20.5

183 5.2 8.8 13.2#





#79

Terphenyl-d14

Concen: 66.497 ng

RT: 12.910 min Scan# 1843

Delta R.T. -0.018 min

Lab File: BF137407.D

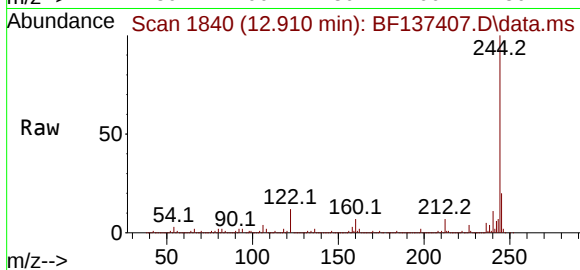
Acq: 27 Feb 2024 16:16

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03



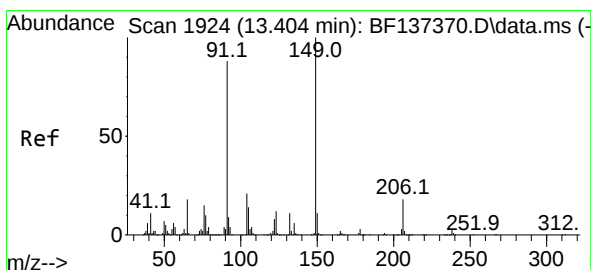
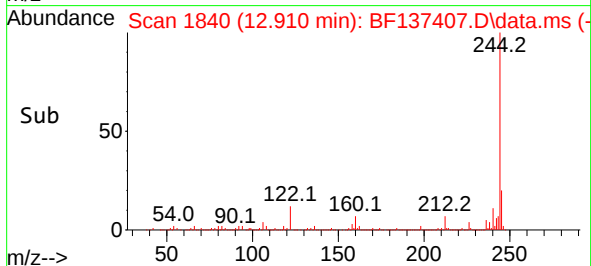
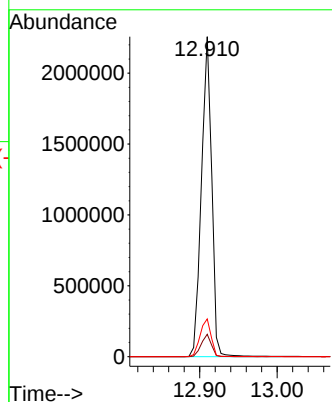
Tgt Ion:244 Resp: 2078443

Ion Ratio Lower Upper

244 100

212 7.0 5.3 7.9

122 11.8 8.2 12.4



#80

Butylbenzylphthalate

Concen: 3.996 ng

RT: 13.398 min Scan# 1923

Delta R.T. -0.006 min

Lab File: BF137407.D

Acq: 27 Feb 2024 16:16

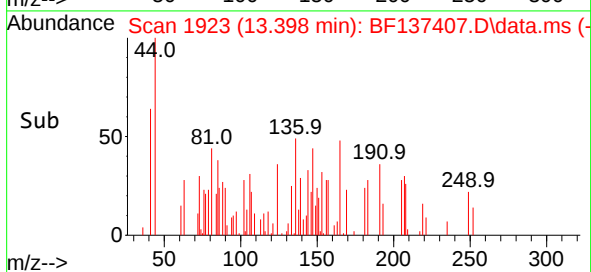
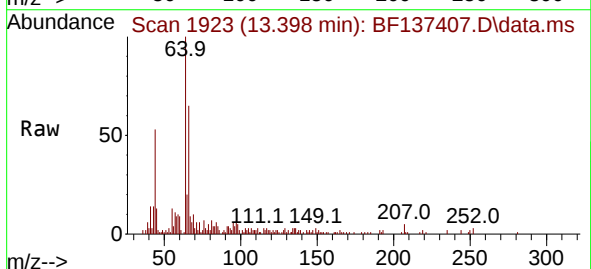
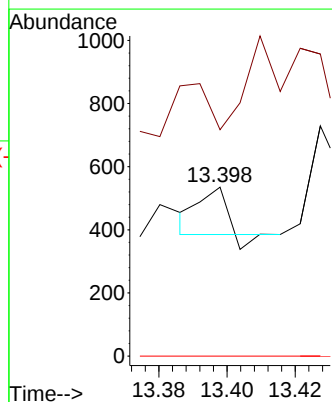
Tgt Ion:149 Resp: 73

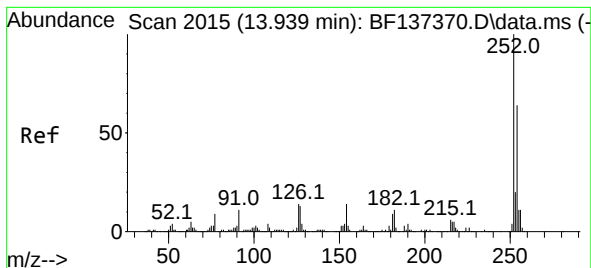
Ion Ratio Lower Upper

149 100

91 134.0 70.5 105.7#

206 0.0 14.8 22.2#





#82

3,3'-Dichlorobenzidine

Concen: 5.095 ng

RT: 13.927 min Scan# 2013

Delta R.T. -0.012 min

Lab File: BF137407.D

Acq: 27 Feb 2024 16:16

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03

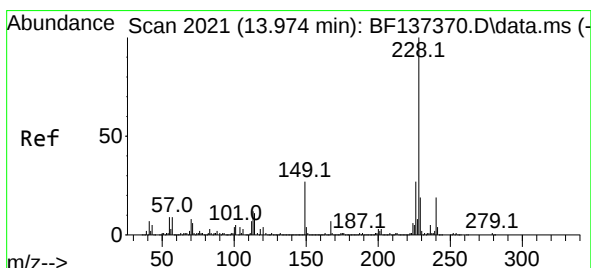
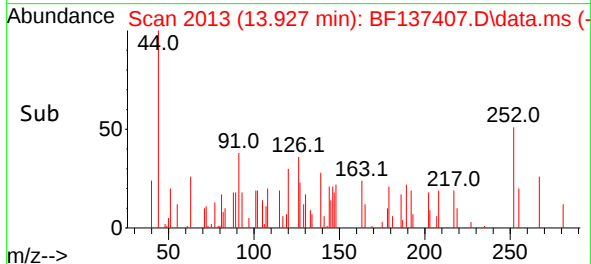
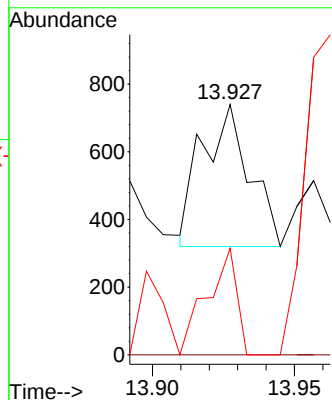
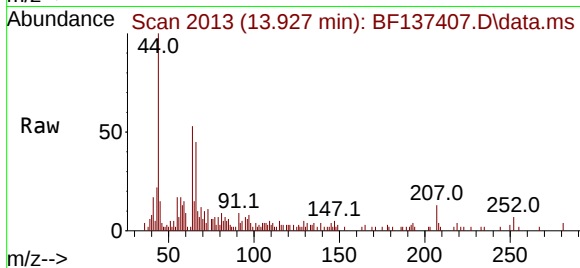
Tgt Ion:252 Resp: 489

Ion Ratio Lower Upper

252 100

254 0.0 51.2 76.8#

126 42.6 11.1 16.7#



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.535 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.017 min

Lab File: BF137407.D

Acq: 27 Feb 2024 16:16

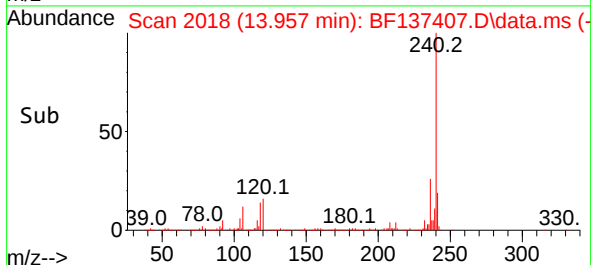
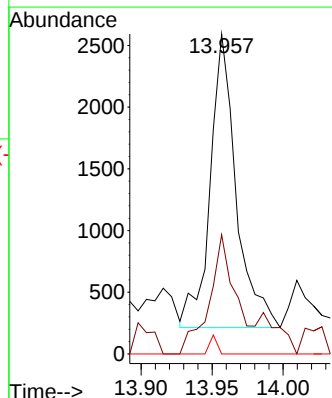
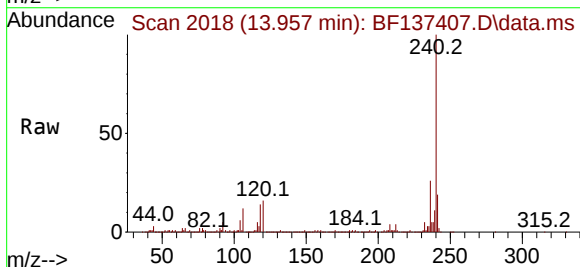
Tgt Ion:149 Resp: 3028

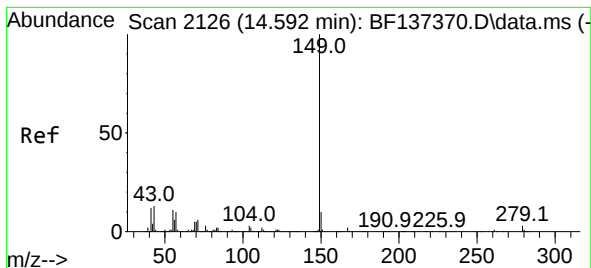
Ion Ratio Lower Upper

149 100

167 37.3 20.6 31.0#

279 0.0 2.7 4.1#





#85

Di-n-octyl phthalate

Concen: 6.021 ng

RT: 14.557 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF137407.D

Acq: 27 Feb 2024 16:16

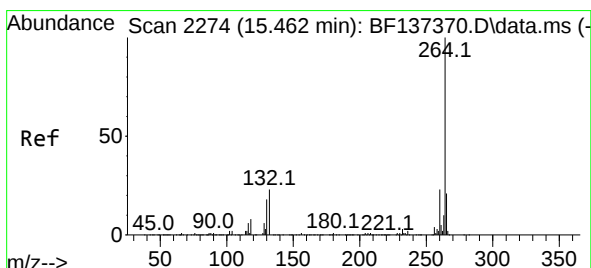
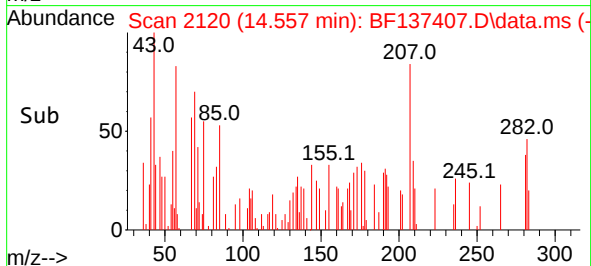
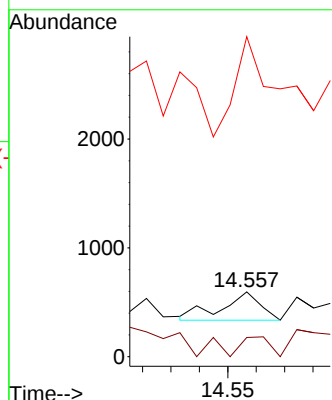
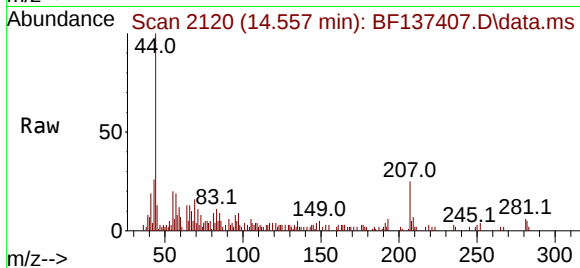
Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03

Tgt Ion:	149	Resp:	245
Ion Ratio	Lower	Upper	
149	100		
167	51.8	1.2	1.8#
43	407.8	13.7	20.5#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2271

Delta R.T. -0.018 min

Lab File: BF137407.D

Acq: 27 Feb 2024 16:16

Tgt Ion:	264	Resp:	452112
Ion Ratio	Lower	Upper	
264	100		
260	23.9	18.5	27.7
265	21.4	16.9	25.3

