

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022724\
 Data File : BF137405.D
 Acq On : 27 Feb 2024 15:17
 Operator : CG\JU
 Sample : P1524-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20240766-AMENDED-COMP-39N-N-3-01

Quant Time: Feb 27 16:08:24 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)

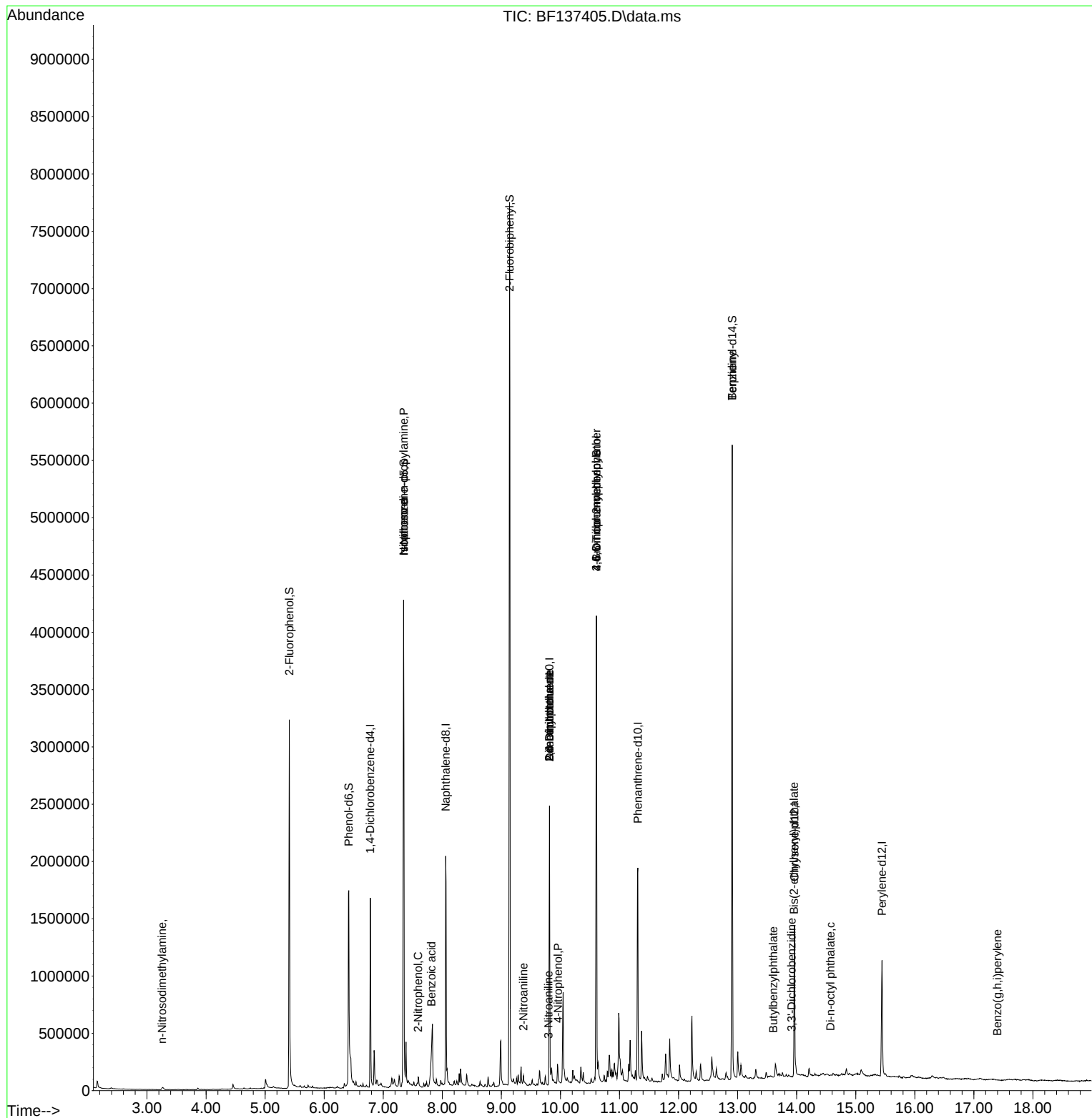
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	222820	20.000	ng	-0.02
21) Naphthalene-d8	8.057	136	850033	20.000	ng	-0.02
39) Acenaphthene-d10	9.816	164	440769	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	650873	20.000	ng	-0.02
76) Chrysene-d12	13.963	240	429788	20.000	ng	-0.02
86) Perylene-d12	15.445	264	463865	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	842021	58.310	ng	-0.02
7) Phenol-d6	6.416	99	670680	31.573	ng	-0.02
23) Nitrobenzene-d5	7.345	82	1579486	92.767	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	474165	123.537	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	2467104	87.141	ng	-0.02
79) Terphenyl-d14	12.910	244	1930435	62.823	ng	-0.02
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.257	42	1346	5.265	ng	# 1
19) n-Nitroso-di-n-propyla...	7.345	70	206176	15.751	ng	# 84
25) Isophorone	7.345	82	1577933	44.814	ng	# 69
26) 2-Nitrophenol	7.592	139	325	2.949	ng	# 1
32) Benzoic acid	7.816	122	13126	8.367	ng	# 90
48) 2-Nitroaniline	9.375	65	761	4.337	ng	# 71
50) Dimethylphthalate	9.816	163	70316	2.309	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	56591	9.988	ng	# 26
53) 3-Nitroaniline	9.798	138	105	2.376	ng	# 1
56) 4-Nitrophenol	9.957	139	703	4.976	ng	# 1
57) 2,4-Dinitrotoluene	9.816	165	56591	8.788	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.610	198	1274	4.869	ng	# 1
67) 4-Bromophenyl-phenylether	10.610	248	31410	4.489	ng	# 1
77) Benzidine	12.910	184	24127	9.747	ng	# 96
80) Butylbenzylphthalate	13.604	149	294	4.044	ng	# 92
82) 3,3'-Dichlorobenzidine	13.916	252	260	5.067	ng	# 13
84) Bis(2-ethylhexyl)phtha...	13.957	149	3721	4.648	ng	# 90
85) Di-n-octyl phthalate	14.574	149	631	6.064	ng	# 1
92) Benzo(g,h,i)perylene	17.398	276	186	2.076	ng	# 1

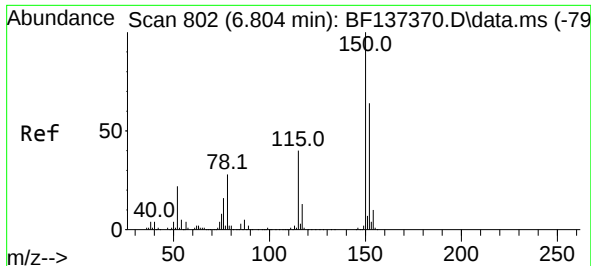
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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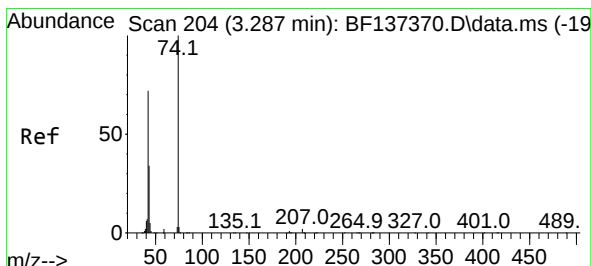
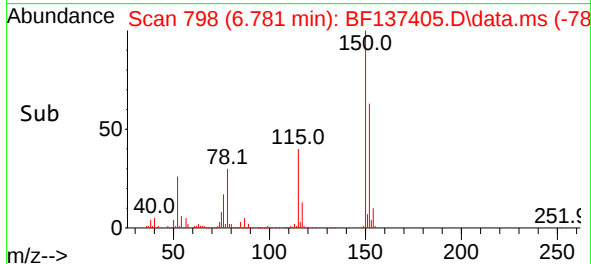
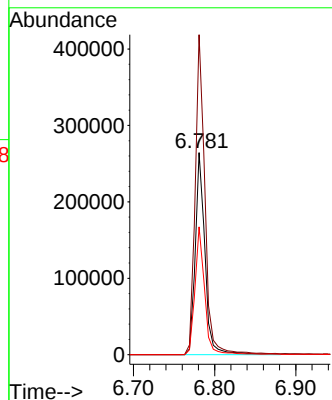
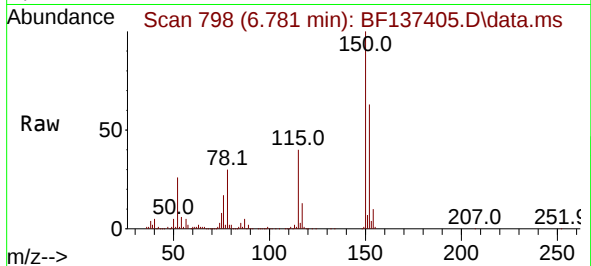




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.023 min
Lab File: BF137405.D
Acq: 27 Feb 2024 15:17

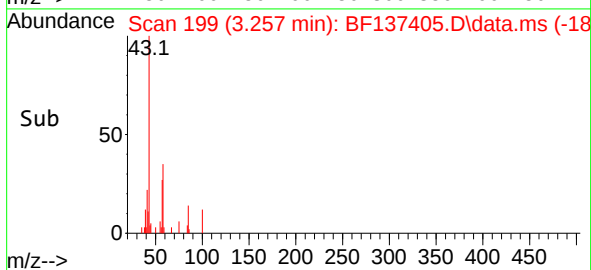
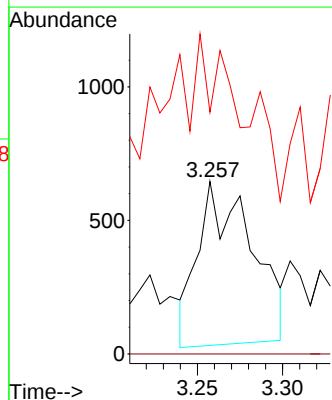
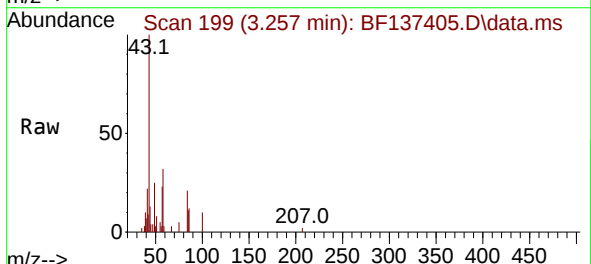
Instrument :
BNA_F
ClientSampleId :
20240766-AMENDED-COMP-39N-N-3-01

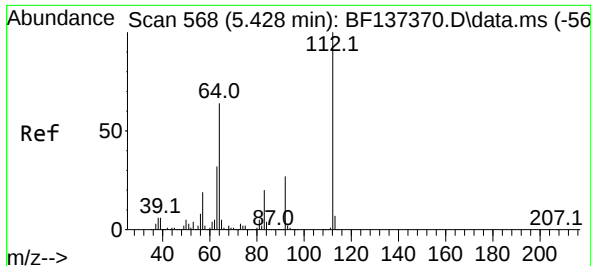
Tgt Ion:152 Resp: 222820
Ion Ratio Lower Upper
152 100
150 158.4 125.7 188.5
115 63.2 49.8 74.8



#4
n-Nitrosodimethylamine
Concen: 5.265 ng
RT: 3.257 min Scan# 199
Delta R.T. -0.030 min
Lab File: BF137405.D
Acq: 27 Feb 2024 15:17

Tgt Ion: 42 Resp: 1346
Ion Ratio Lower Upper
42 100
74 0.0 110.8 166.2#
44 140.1 6.0 9.0#

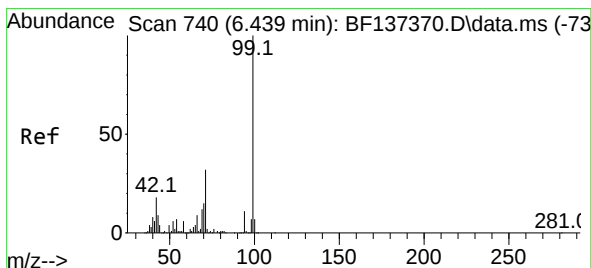
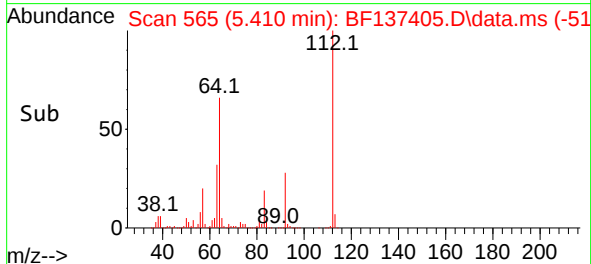
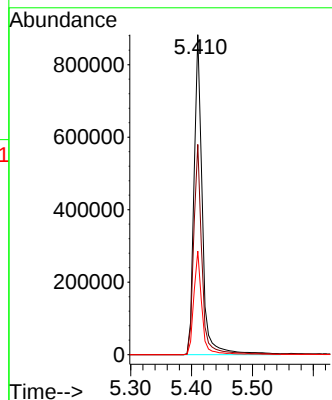
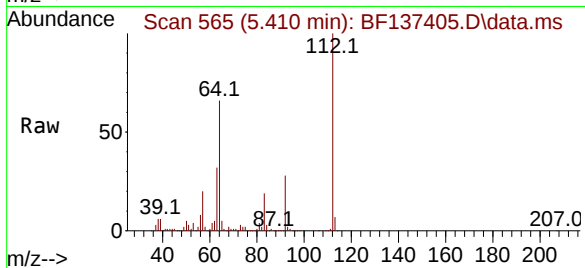




#5
2-Fluorophenol
Concen: 58.310 ng
RT: 5.410 min Scan# 501
Delta R.T. -0.018 min
Lab File: BF137405.D
Acq: 27 Feb 2024 15:17

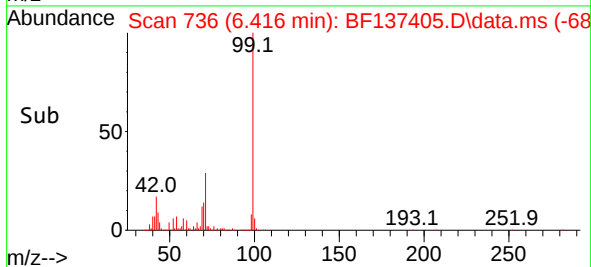
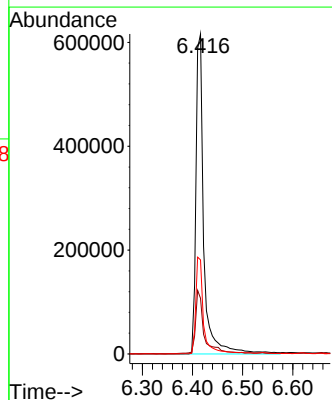
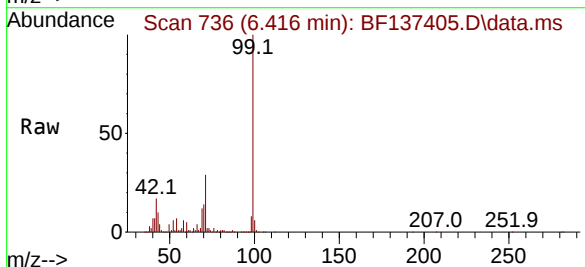
Instrument :
BNA_F
ClientSampleId :
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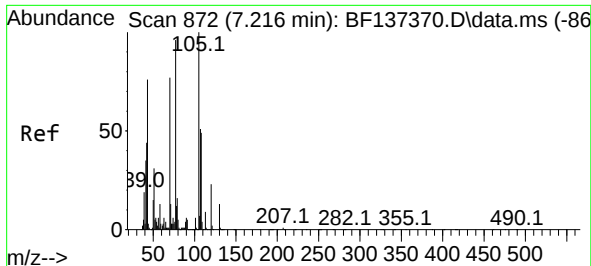
Tgt Ion:112 Resp: 842021
Ion Ratio Lower Upper
112 100
64 65.7 51.0 76.6
63 32.3 25.7 38.5



#7
Phenol-d6
Concen: 31.573 ng
RT: 6.416 min Scan# 736
Delta R.T. -0.023 min
Lab File: BF137405.D
Acq: 27 Feb 2024 15:17

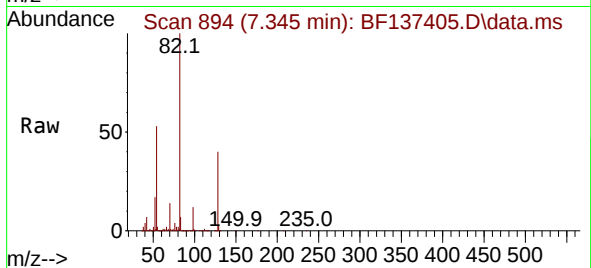
Tgt Ion: 99 Resp: 670680
Ion Ratio Lower Upper
99 100
42 17.4 14.2 21.4
71 29.4 25.2 37.8



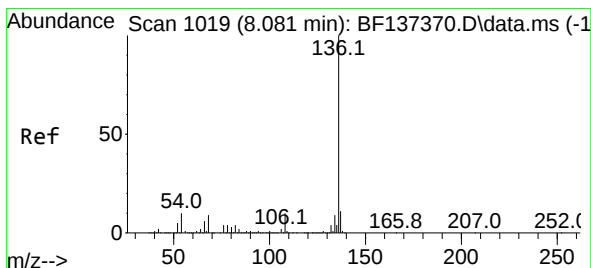
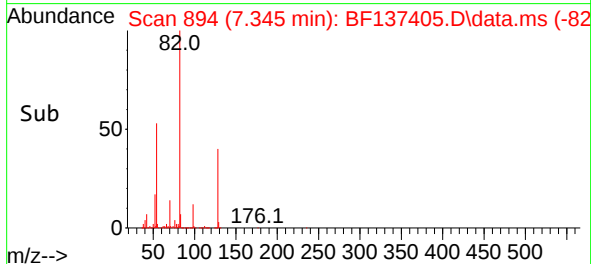
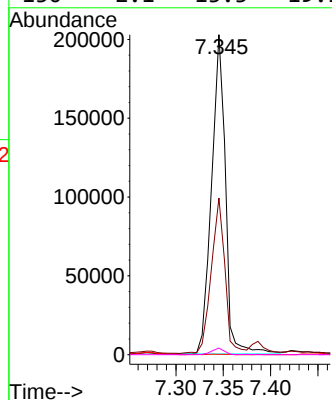


#19
n-Nitroso-di-n-propylamine
Concen: 15.751 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.129 min
Lab File: BF137405.D
Acq: 27 Feb 2024 15:17

Instrument :
BNA_F
ClientSampleId :
20240766-AMENDED-COMP-39N-N-3-01

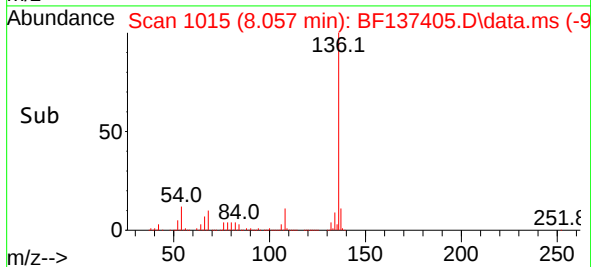
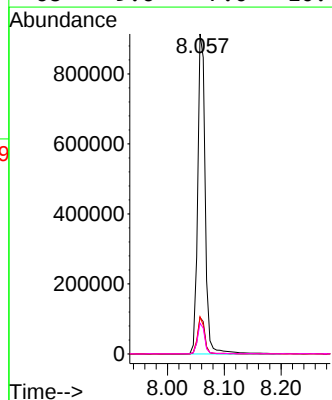
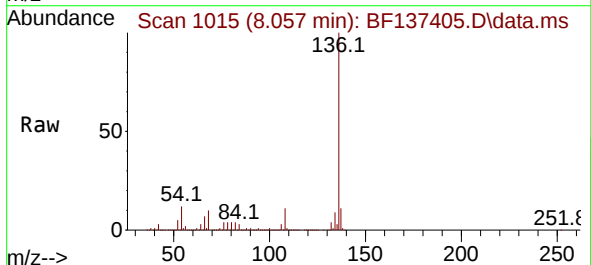


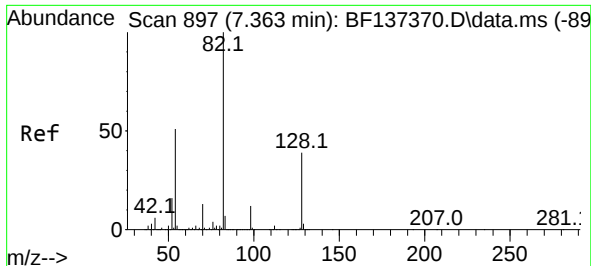
Tgt Ion: 70 Resp: 206176
Ion Ratio Lower Upper
70 100
42 49.0 45.3 67.9
101 0.1 6.5 9.7#
130 2.1 13.3 19.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.024 min
Lab File: BF137405.D
Acq: 27 Feb 2024 15:17

Tgt Ion: 136 Resp: 850033
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.4
54 11.6 7.8 11.6
68 9.6 7.0 10.4





#23

Nitrobenzene-d5

Concen: 92.767 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.018 min

Lab File: BF137405.D

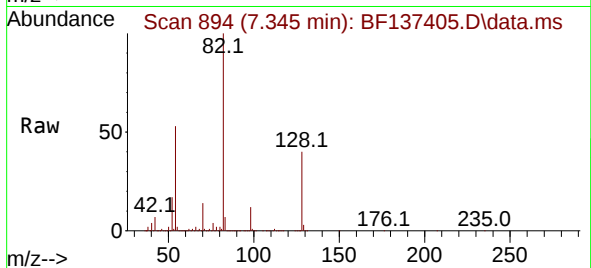
Acq: 27 Feb 2024 15:17

Instrument :

BNA_F

ClientSampleId :

20240766-AMENDED-COMP-39N-N-3-01



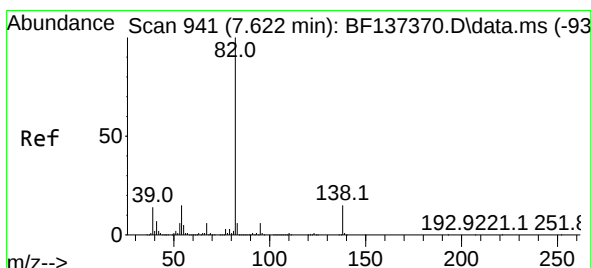
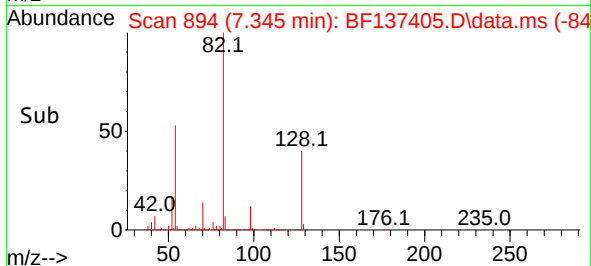
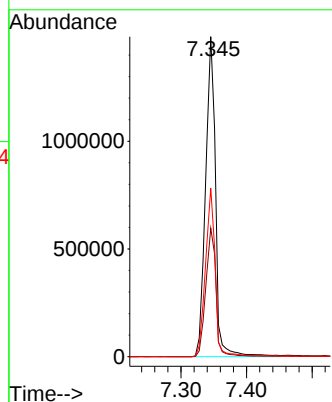
Tgt Ion: 82 Resp: 1579486

Ion Ratio Lower Upper

82 100

128 40.2 30.8 46.2

54 52.6 40.8 61.2



#25

Isophorone

Concen: 44.814 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.276 min

Lab File: BF137405.D

Acq: 27 Feb 2024 15:17

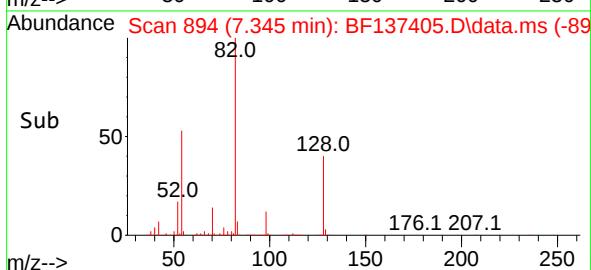
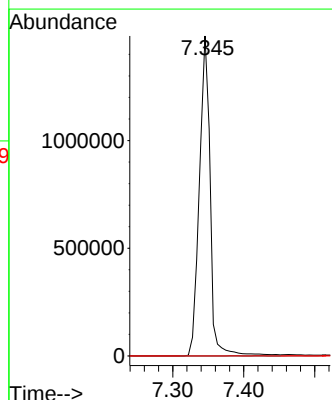
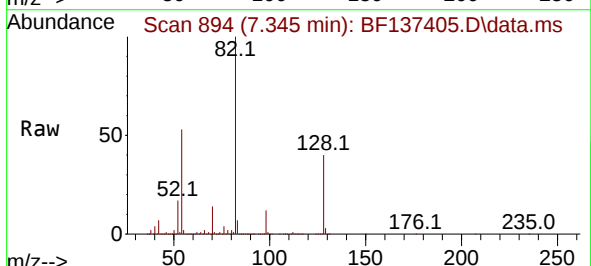
Tgt Ion: 82 Resp: 1577933

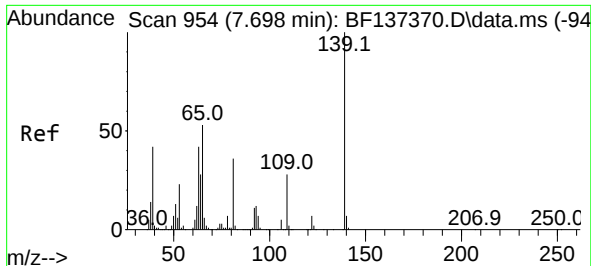
Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 12.2 18.4#

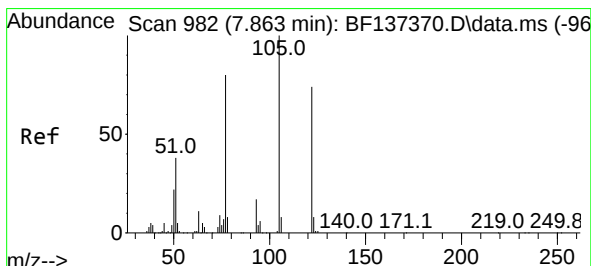
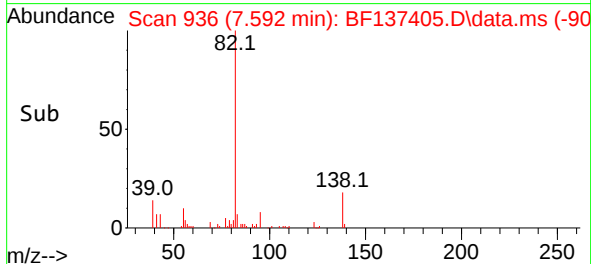
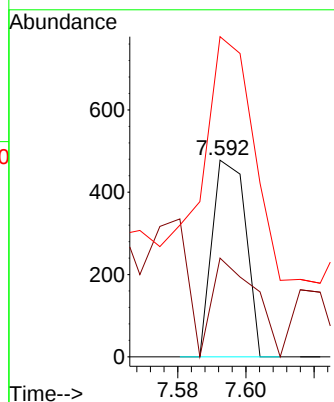
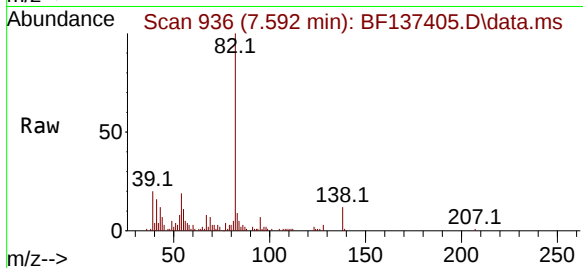




#26
2-Nitrophenol
Concen: 2.949 ng
RT: 7.592 min Scan# 91
Delta R.T. -0.106 min
Lab File: BF137405.D
Acq: 27 Feb 2024 15:17

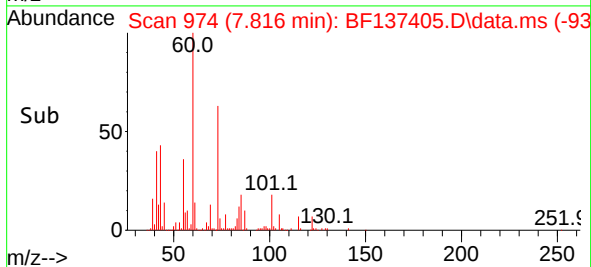
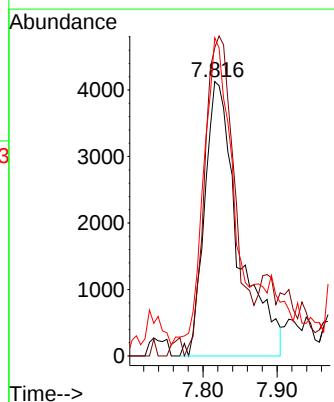
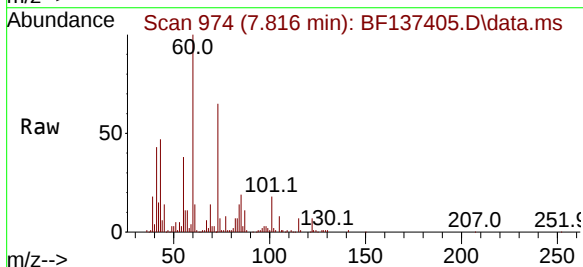
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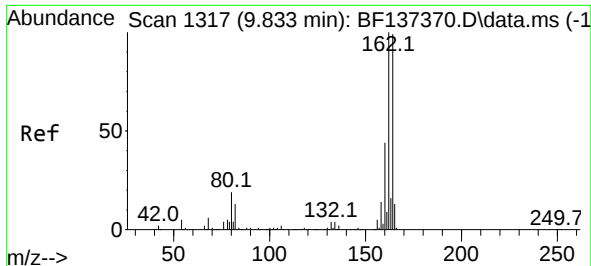
Tgt Ion:	139	Resp:	325
Ion	Ratio	Lower	Upper
139	100		
109	50.2	22.5	33.7#
65	162.8	42.3	63.5#



#32
Benzoic acid
Concen: 8.367 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.047 min
Lab File: BF137405.D
Acq: 27 Feb 2024 15:17

Tgt Ion:	122	Resp:	13126
Ion	Ratio	Lower	Upper
122	100		
105	112.4	101.1	141.1
77	115.9	82.8	122.8

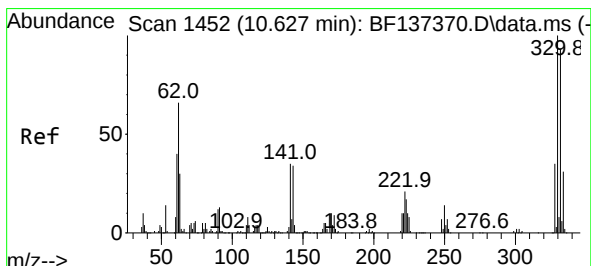
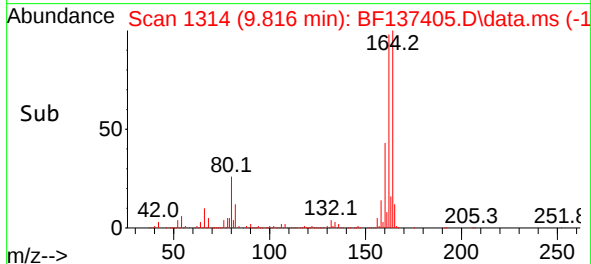
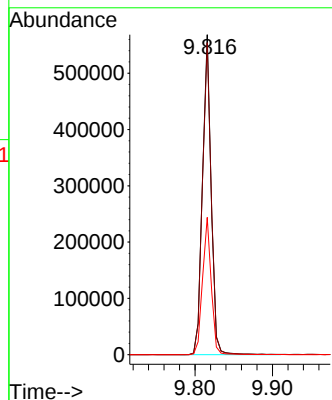
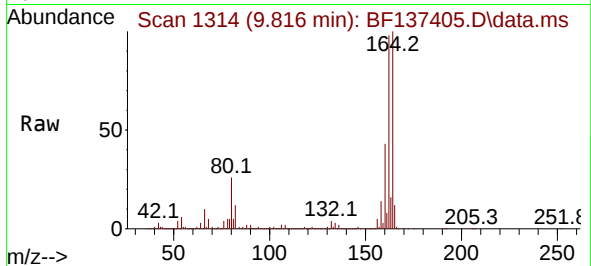




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF137405.D
Acq: 27 Feb 2024 15:17

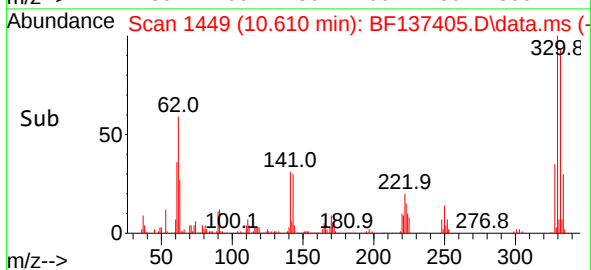
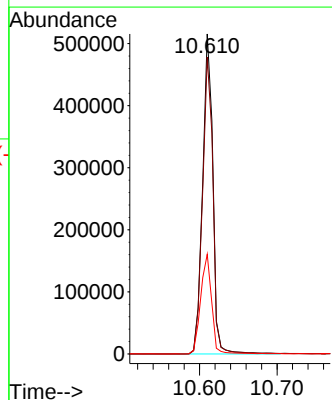
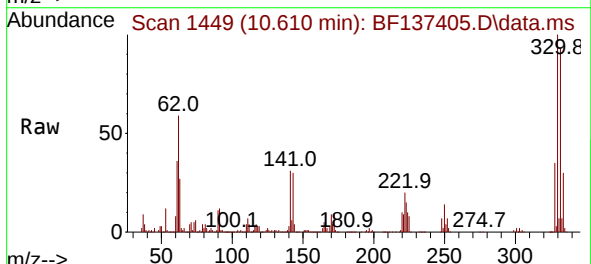
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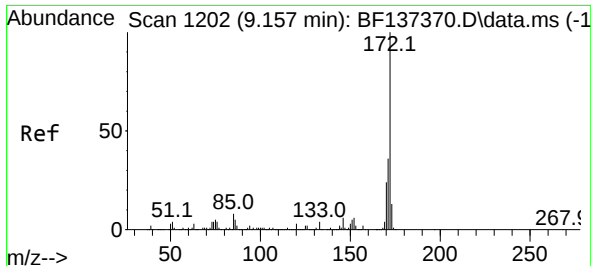
Tgt Ion:164 Resp: 440769
Ion Ratio Lower Upper
164 100
162 97.5 81.2 121.8
160 42.9 35.7 53.5



#42
2,4,6-Tribromophenol
Concen: 123.537 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.018 min
Lab File: BF137405.D
Acq: 27 Feb 2024 15:17

Tgt Ion:330 Resp: 474165
Ion Ratio Lower Upper
330 100
332 94.6 75.6 113.4
141 33.4 28.6 42.8

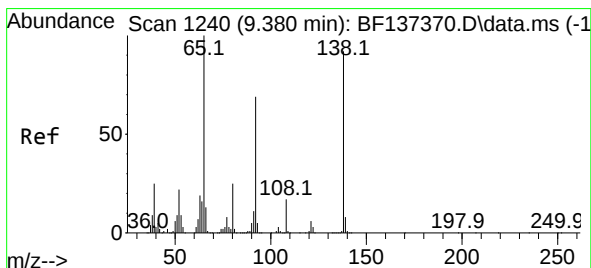
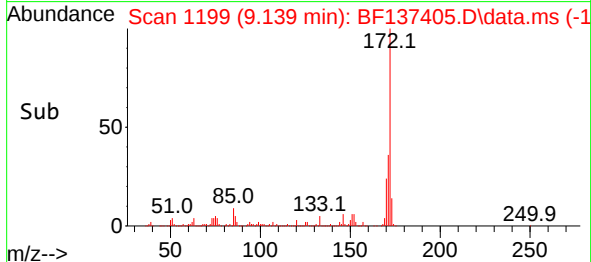
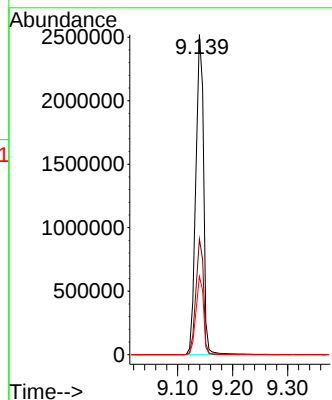
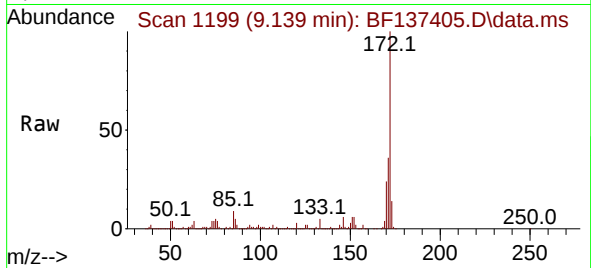




#45
2-Fluorobiphenyl
Concen: 87.141 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.018 min
Lab File: BF137405.D
Acq: 27 Feb 2024 15:17

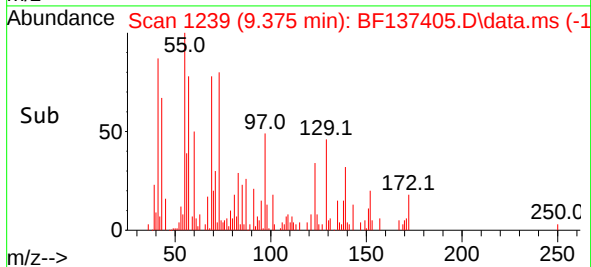
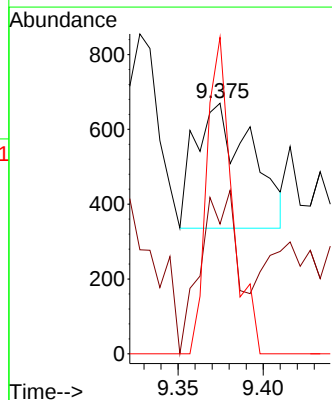
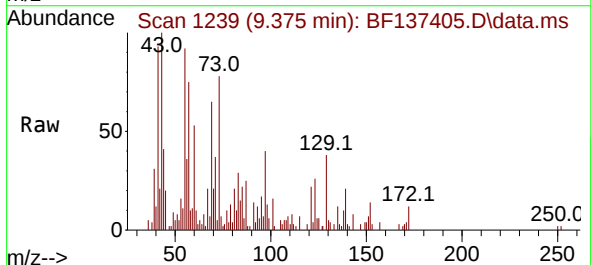
Instrument : BNA_F
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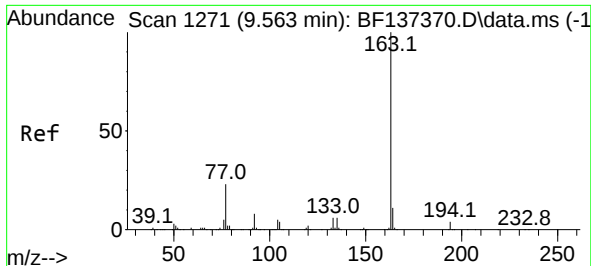
Tgt Ion:172 Resp: 2467104
Ion Ratio Lower Upper
172 100
171 36.1 28.7 43.1
170 24.4 19.5 29.3



#48
2-Nitroaniline
Concen: 4.337 ng
RT: 9.375 min Scan# 1239
Delta R.T. -0.005 min
Lab File: BF137405.D
Acq: 27 Feb 2024 15:17

Tgt Ion: 65 Resp: 761
Ion Ratio Lower Upper
65 100
92 51.8 55.0 82.6#
138 126.3 73.7 110.5#

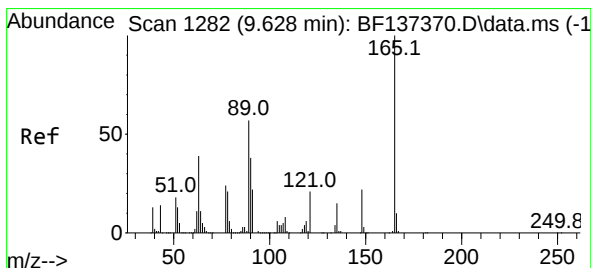
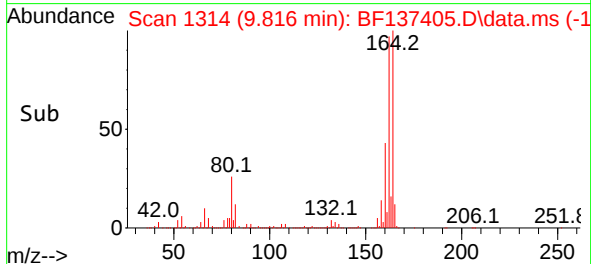
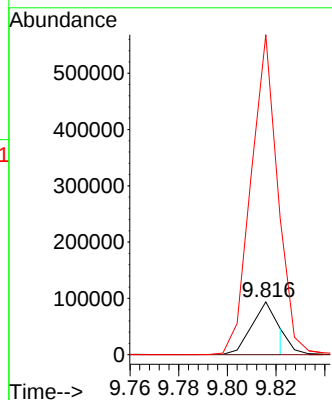
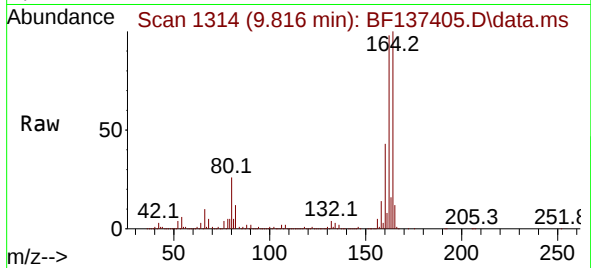




#50
Dimethylphthalate
Concen: 2.309 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.253 min
Lab File: BF137405.D
Acq: 27 Feb 2024 15:17

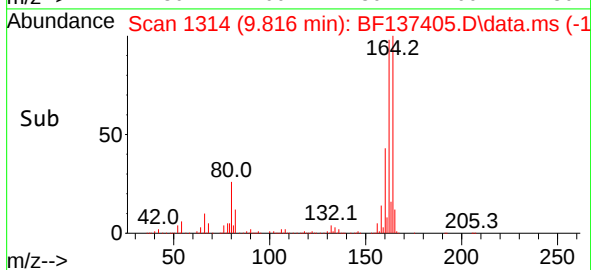
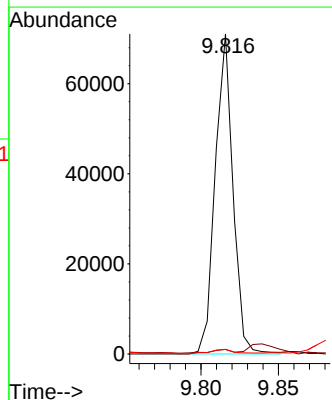
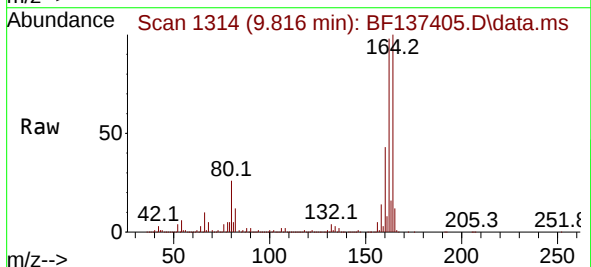
Instrument :
BNA_F
ClientSampleId :
20240766-AMENDED-COMP-39N-N-3-01

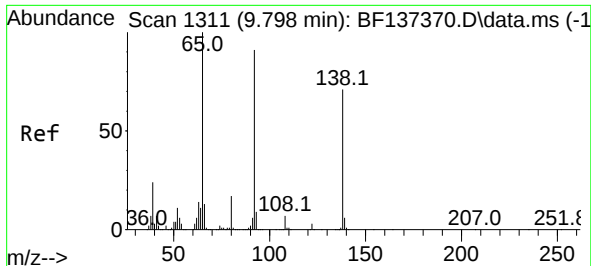
Tgt Ion:163 Resp: 70316
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 606.5 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 9.988 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.188 min
Lab File: BF137405.D
Acq: 27 Feb 2024 15:17

Tgt Ion:165 Resp: 56591
Ion Ratio Lower Upper
165 100
63 1.5 41.6 62.4#
89 1.4 45.8 68.6#

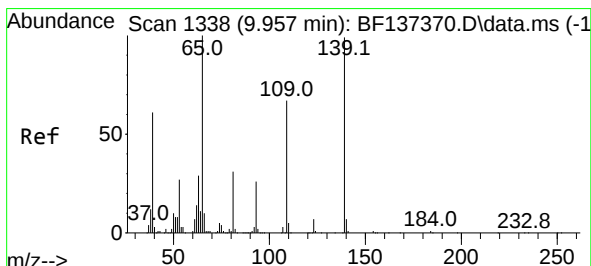
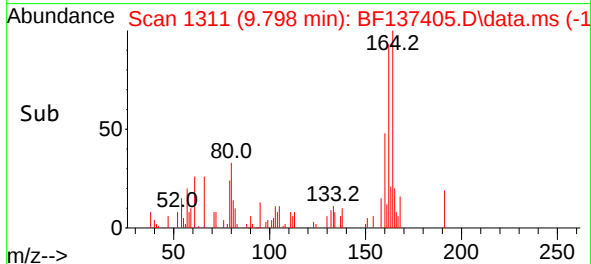
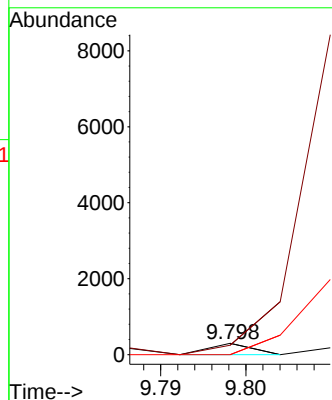
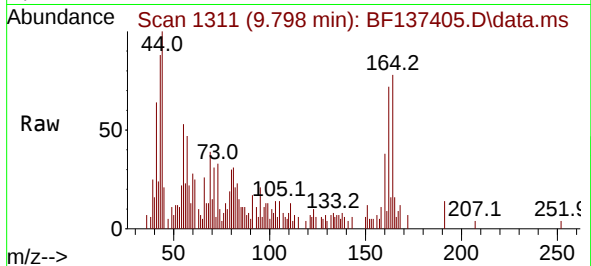




#53
3-Nitroaniline
Concen: 2.376 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BF137405.D
Acq: 27 Feb 2024 15:17

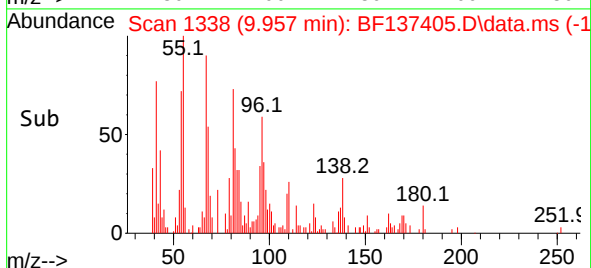
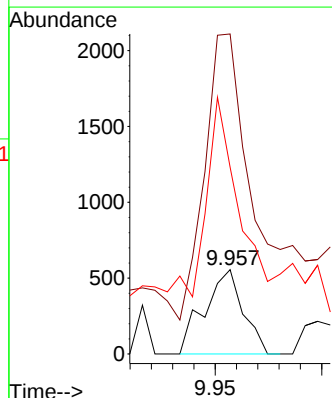
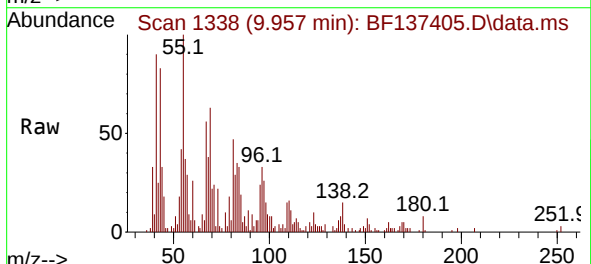
Instrument : BNA_F
ClientSampleId : 20240766-AMENDED-COMP-39N-N-3-01

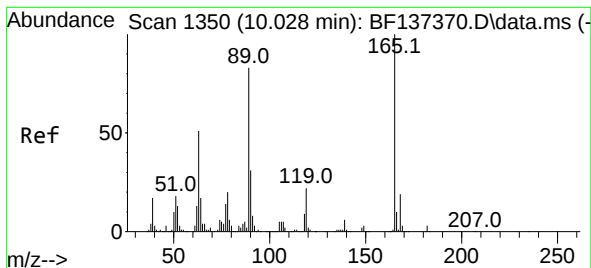
Tgt Ion:138 Resp: 105
Ion Ratio Lower Upper
138 100
108 83.2 8.2 12.2#
92 0.0 102.2 153.2#



#56
4-Nitrophenol
Concen: 4.976 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF137405.D
Acq: 27 Feb 2024 15:17

Tgt Ion:139 Resp: 703
Ion Ratio Lower Upper
139 100
109 379.5 48.0 88.0#
65 221.4 82.2 122.2#

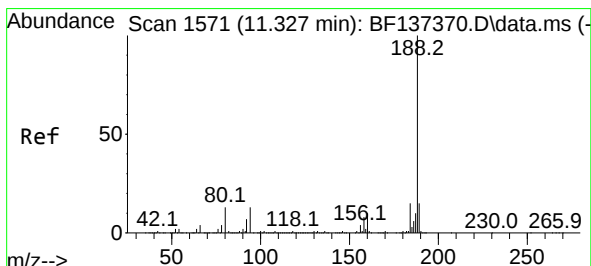
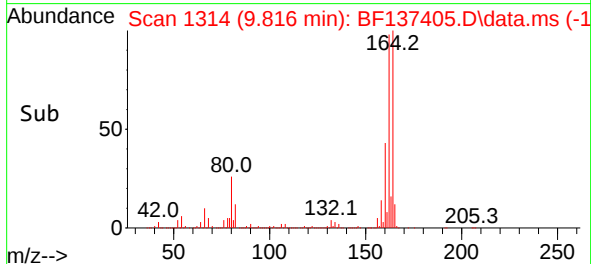
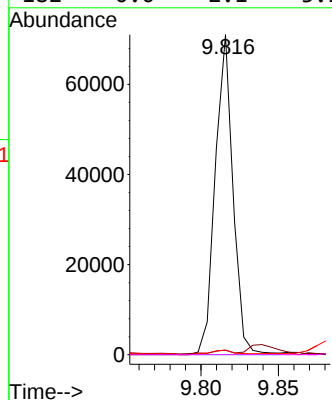
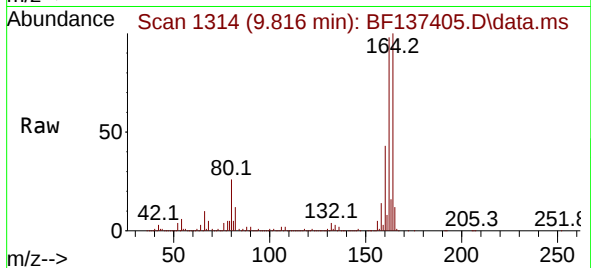




#57
2,4-Dinitrotoluene
Concen: 8.788 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF137405.D
Acq: 27 Feb 2024 15:17

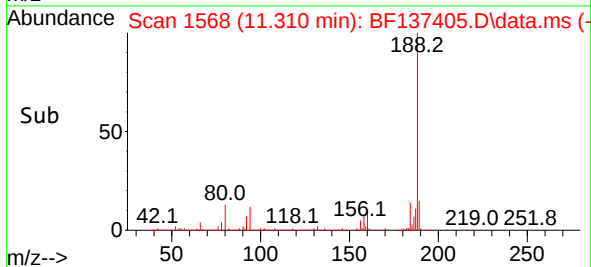
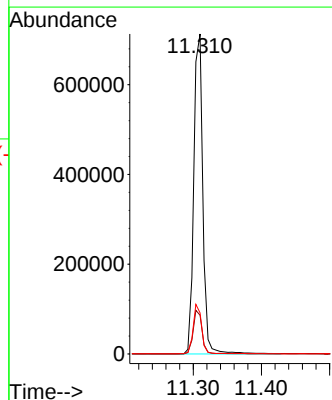
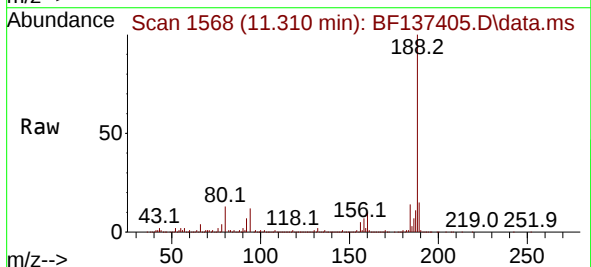
Instrument : BNA_F
ClientSampleId : 20240766-AMENDED-COMP-39N-N-3-01

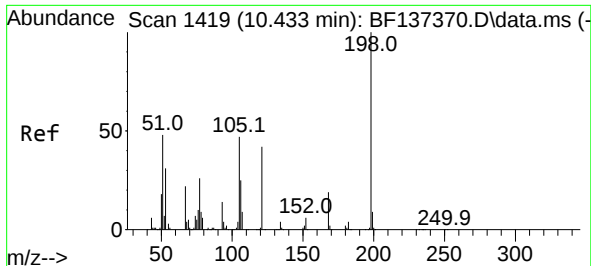
Tgt Ion:165 Resp: 56591
Ion Ratio Lower Upper
165 100
63 1.5 41.1 61.7#
89 1.4 66.6 100.0#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.018 min
Lab File: BF137405.D
Acq: 27 Feb 2024 15:17

Tgt Ion:188 Resp: 650873
Ion Ratio Lower Upper
188 100
94 12.1 10.2 15.2
80 12.9 10.7 16.1





#65
4,6-Dinitro-2-methylphenol
Concen: 4.869 ng
RT: 10.610 min Scan# 1419
Delta R.T. 0.177 min
Lab File: BF137405.D
Acq: 27 Feb 2024 15:17

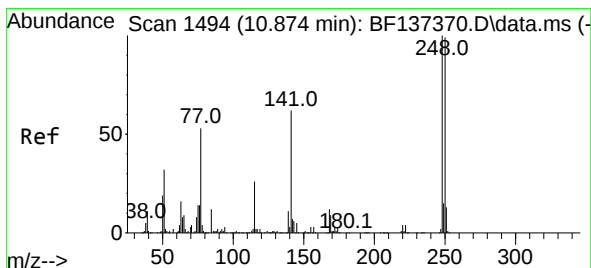
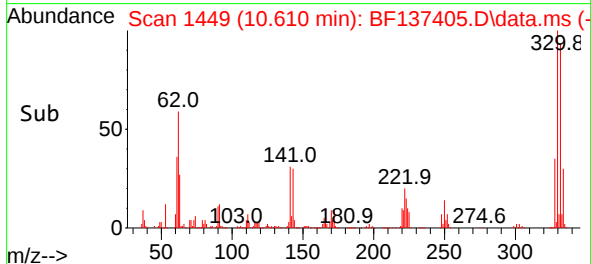
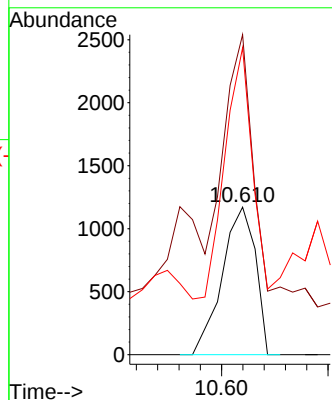
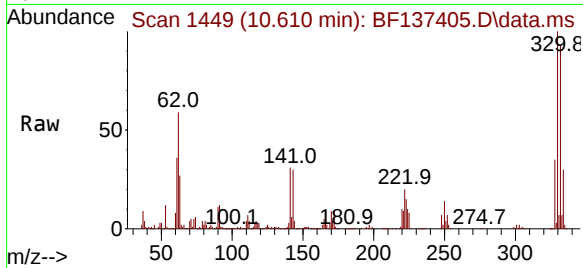
Instrument :

BNA_F

ClientSampleId :

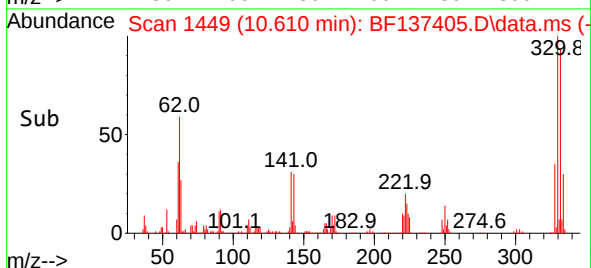
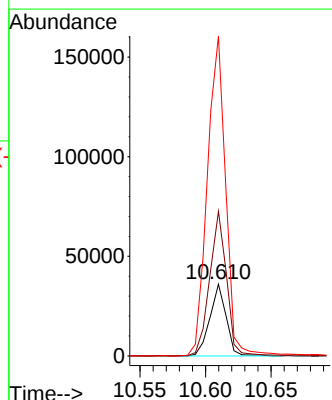
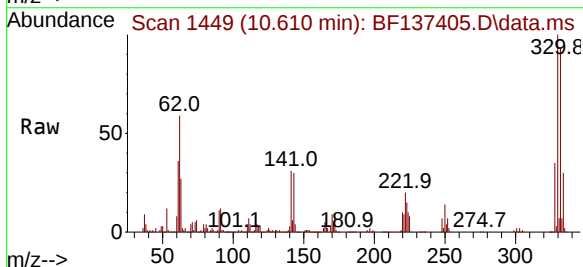
20240766-AMENDED-COMP-39N-N-3-01

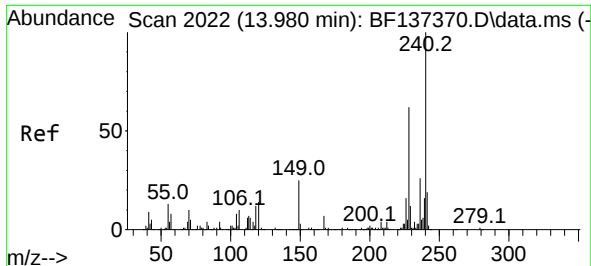
Tgt Ion:198 Resp: 1274
Ion Ratio Lower Upper
198 100
51 216.9 36.8 76.8#
105 208.0 28.5 68.5#



#67
4-Bromophenyl-phenylether
Concen: 4.489 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.265 min
Lab File: BF137405.D
Acq: 27 Feb 2024 15:17

Tgt Ion:248 Resp: 31410
Ion Ratio Lower Upper
248 100
250 201.2 79.0 118.6#
141 445.2 49.9 74.9#

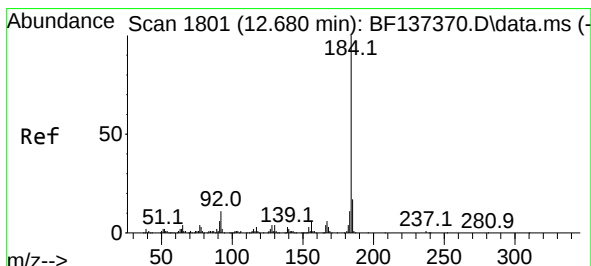
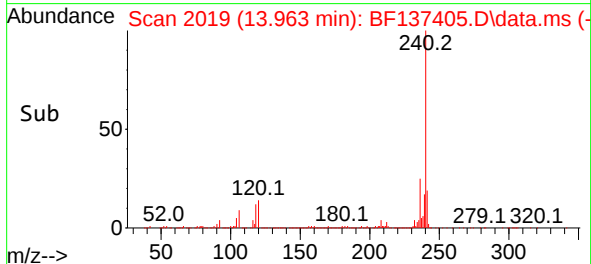
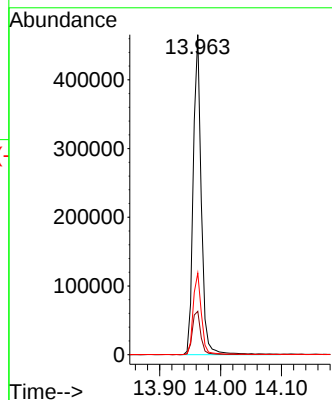
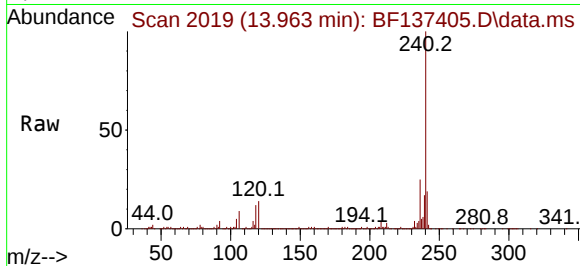




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 20
Delta R.T. -0.018 min
Lab File: BF137405.D
Acq: 27 Feb 2024 15:17

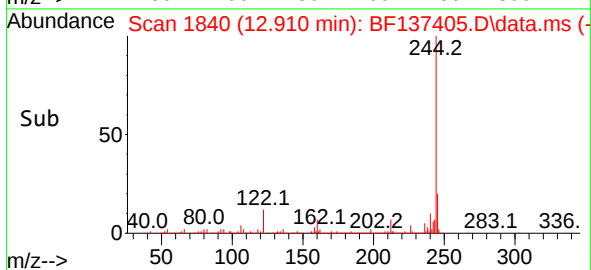
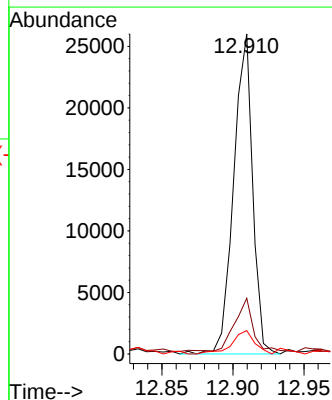
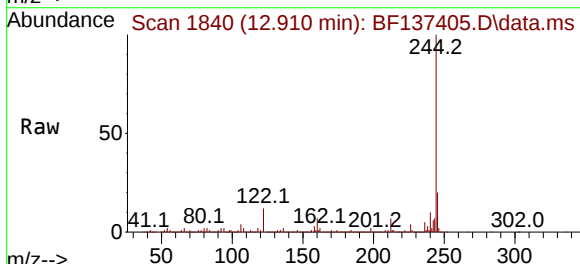
Instrument :
BNA_F
ClientSampleId :
20240766-AMENDED-COMP-39N-N-3-01

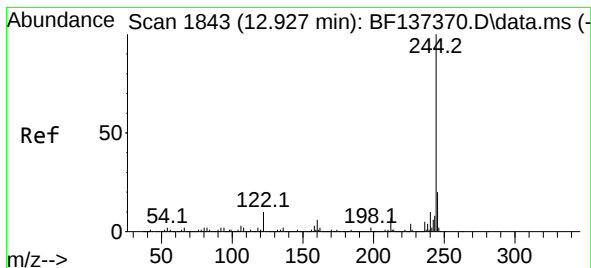
Tgt Ion:240 Resp: 429788
Ion Ratio Lower Upper
240 100
120 13.6 11.3 16.9
236 25.5 20.5 30.7



#77
Benzidine
Concen: 9.747 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.230 min
Lab File: BF137405.D
Acq: 27 Feb 2024 15:17

Tgt Ion:184 Resp: 24127
Ion Ratio Lower Upper
184 100
185 17.4 13.7 20.5
183 7.3 8.8 13.2#





#79

Terphenyl-d14

Concen: 62.823 ng

RT: 12.910 min Scan# 1843

Delta R.T. -0.018 min

Lab File: BF137405.D

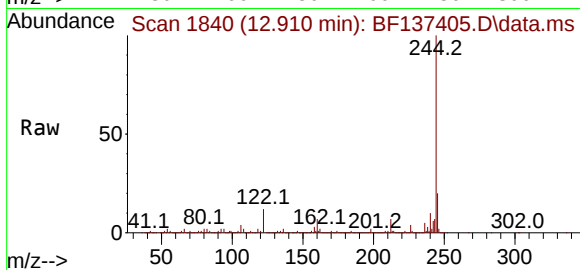
Acq: 27 Feb 2024 15:17

Instrument :

BNA_F

ClientSampleId :

20240766-AMENDED-COMP-39N-N-3-01



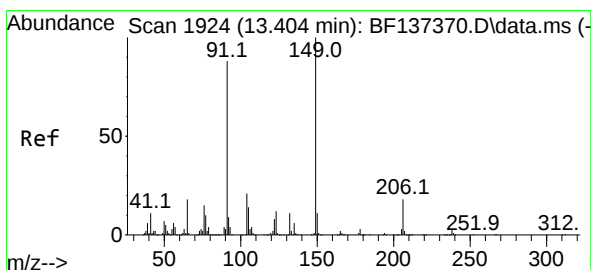
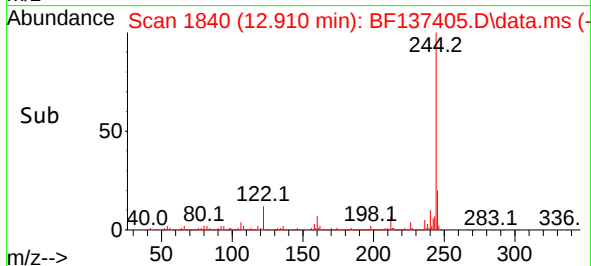
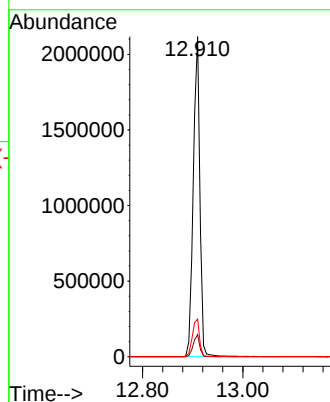
Tgt Ion:244 Resp: 1930435

Ion Ratio Lower Upper

244 100

212 6.9 5.3 7.9

122 11.8 8.2 12.4



#80

Butylbenzylphthalate

Concen: 4.044 ng

RT: 13.604 min Scan# 1958

Delta R.T. 0.200 min

Lab File: BF137405.D

Acq: 27 Feb 2024 15:17

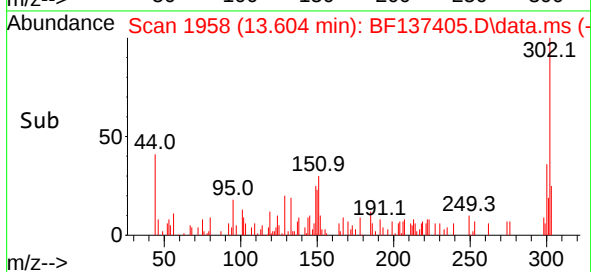
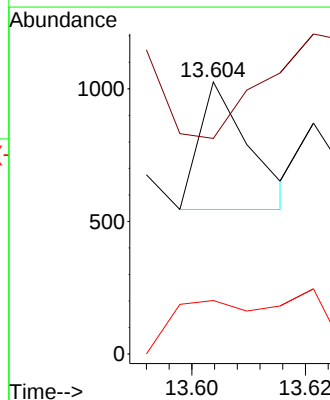
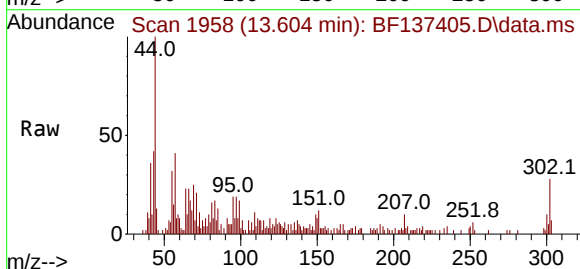
Tgt Ion:149 Resp: 294

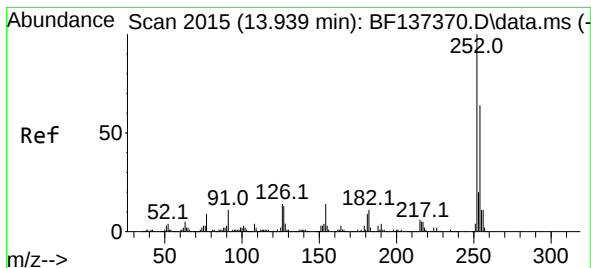
Ion Ratio Lower Upper

149 100

91 79.2 70.5 105.7

206 19.7 14.8 22.2





#82

3,3'-Dichlorobenzidine

Concen: 5.067 ng

RT: 13.916 min Scan# 2011

Delta R.T. -0.023 min

Lab File: BF137405.D

Acq: 27 Feb 2024 15:17

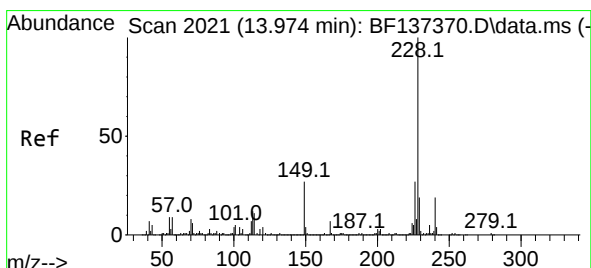
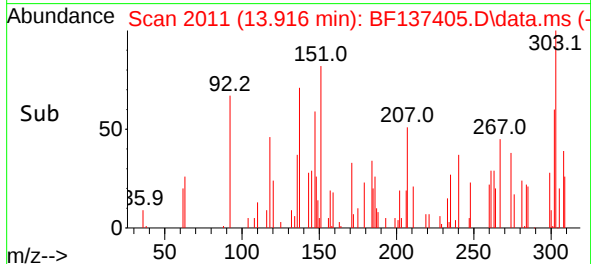
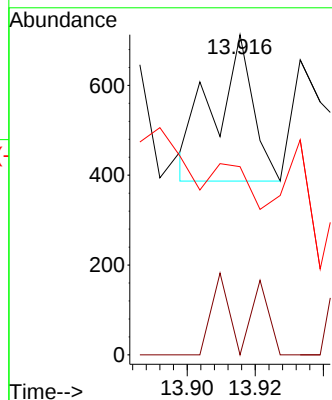
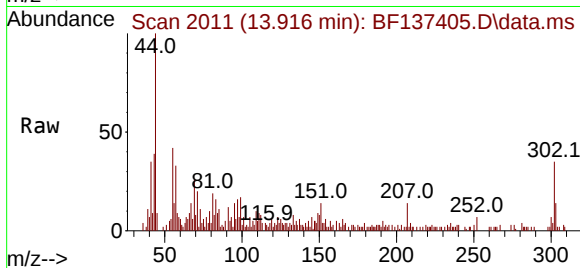
Instrument :

BNA_F

ClientSampleId :

20240766-AMENDED-COMP-39N-N-3-01

Tgt Ion:252	Resp:	260
Ion Ratio	Lower	Upper
252	100	
254	0.0	51.2 76.8#
126	58.8	11.1 16.7#



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.648 ng

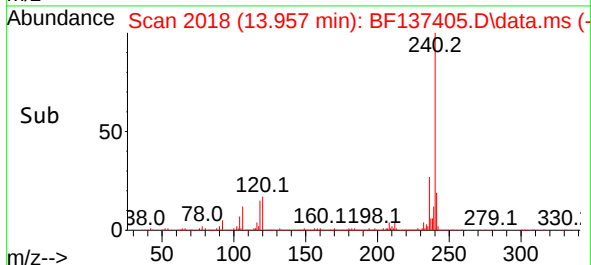
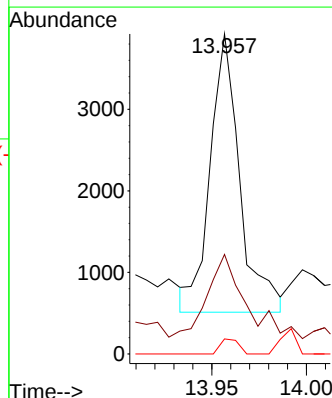
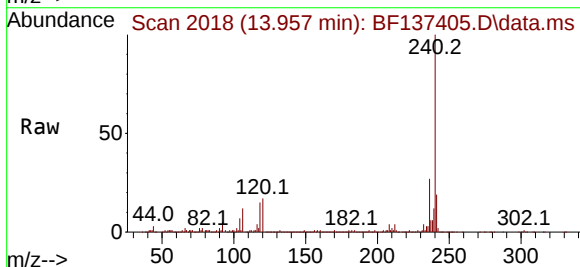
RT: 13.957 min Scan# 2018

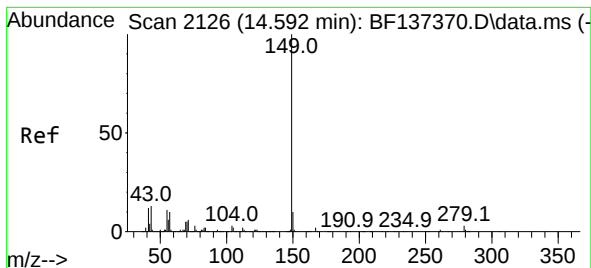
Delta R.T. -0.017 min

Lab File: BF137405.D

Acq: 27 Feb 2024 15:17

Tgt Ion:149	Resp:	3721
Ion Ratio	Lower	Upper
149	100	
167	31.1	20.6 31.0#
279	4.7	2.7 4.1#





#85

Di-n-octyl phthalate

Concen: 6.064 ng

RT: 14.574 min Scan# 2126

Delta R.T. -0.018 min

Lab File: BF137405.D

Acq: 27 Feb 2024 15:17

Instrument :

BNA_F

ClientSampleId :

20240766-AMENDED-COMP-39N-N-3-01

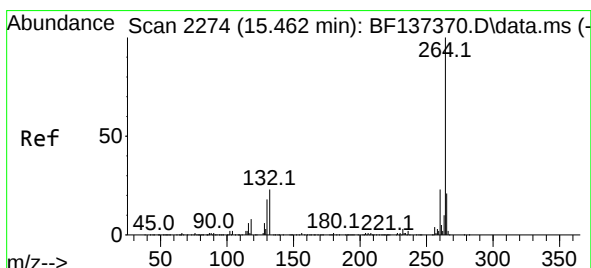
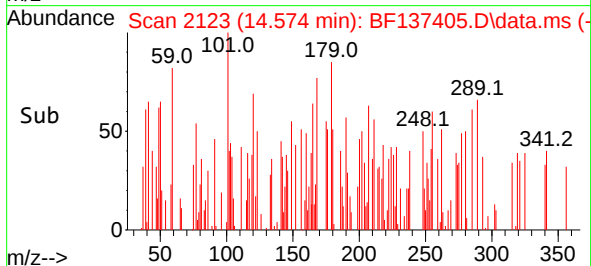
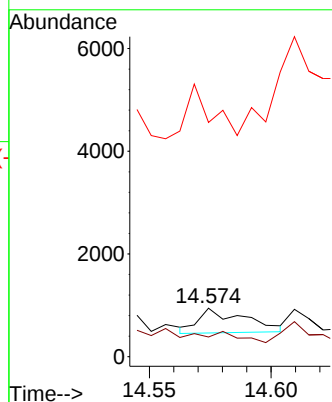
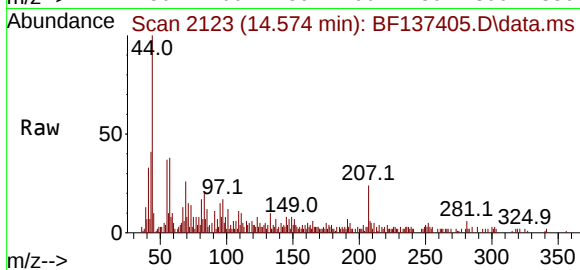
Tgt Ion:149 Resp: 631

Ion Ratio Lower Upper

149 100

167 62.8 1.2 1.8#

43 120.8 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: BF137405.D

Acq: 27 Feb 2024 15:17

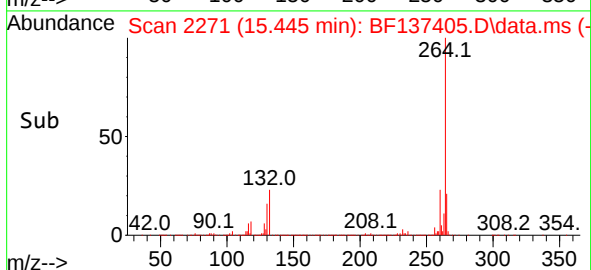
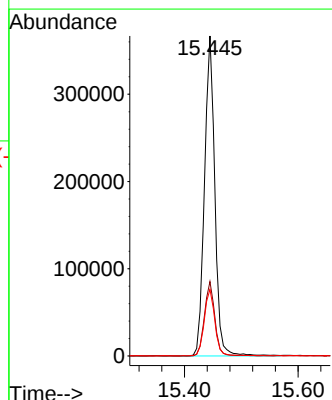
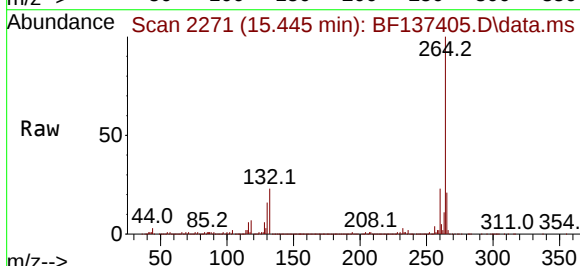
Tgt Ion:264 Resp: 463865

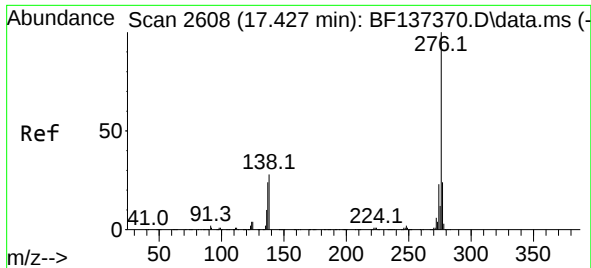
Ion Ratio Lower Upper

264 100

260 23.2 18.5 27.7

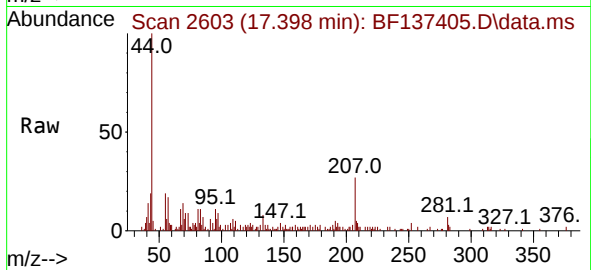
265 20.8 16.9 25.3





#92
Benzo(g,h,i)perylene
Concen: 2.076 ng
RT: 17.398 min Scan# 20
Delta R.T. -0.029 min
Lab File: BF137405.D
Acq: 27 Feb 2024 15:17

Instrument :
BNA_F
ClientSampleId :
20240766-AMENDED-COMP-39N-N-3-01



Tgt Ion:276 Resp: 186
Ion Ratio Lower Upper
276 100
277 88.6 19.0 28.4#
138 88.1 22.6 33.8#

