

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022724\
 Data File : BF137415.D
 Acq On : 27 Feb 2024 20:12
 Operator : CG\JU
 Sample : P1539-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20241107-AMENDED-COMPOSITE-35N-N-4-06

Quant Time: Feb 28 05:23:56 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	194625	20.000	ng	-0.02
21) Naphthalene-d8	8.063	136	767479	20.000	ng	-0.02
39) Acenaphthene-d10	9.816	164	416979	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	634281	20.000	ng	-0.02
76) Chrysene-d12	13.962	240	406663	20.000	ng	-0.02
86) Perylene-d12	15.445	264	405824	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	866900	68.730	ng	-0.01
7) Phenol-d6	6.416	99	745543	40.182	ng	-0.02
23) Nitrobenzene-d5	7.345	82	1430053	93.025	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	457831	126.087	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	2298326	85.811	ng	-0.02
79) Terphenyl-d14	12.910	244	2278267	78.359	ng	-0.02
Target Compounds					Qvalue	
4) n-Nitrosodimethylamine	3.269	42	908	5.229	ng	# 1
19) n-Nitroso-di-n-propyla...	7.345	70	186150	16.281	ng	# 83
25) Isophorone	7.345	82	1426253	44.864	ng	# 69
26) 2-Nitrophenol	7.598	139	545	2.988	ng	# 82
32) Benzoic acid	7.822	122	10890	8.252	ng	# 91
48) 2-Nitroaniline	9.386	65	391	4.294	ng	# 25
50) Dimethylphthalate	9.816	163	66576	2.311	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	53262	9.936	ng	# 26
53) 3-Nitroaniline	9.769	138	417	2.425	ng	# 14
56) 4-Nitrophenol	9.951	139	759	4.995	ng	# 1
57) 2,4-Dinitrotoluene	9.816	165	53262	8.748	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.610	198	1042	4.810	ng	# 1
67) 4-Bromophenyl-phenylether	10.610	248	31499	4.619	ng	# 1
77) Benzidine	12.910	184	28881	10.493	ng	# 93
80) Butylbenzylphthalate	13.392	149	480	4.091	ng	# 46
82) 3,3'-Dichlorobenzidine	13.921	252	546	5.107	ng	# 27
84) Bis(2-ethylhexyl)phtha...	13.957	149	1126	4.265	ng	# 82
85) Di-n-octyl phthalate	14.574	149	824	6.091	ng	# 61

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022724\
Data File : BF137415.D
Acq On : 27 Feb 2024 20:12
Operator : CG\JU
Sample : P1539-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

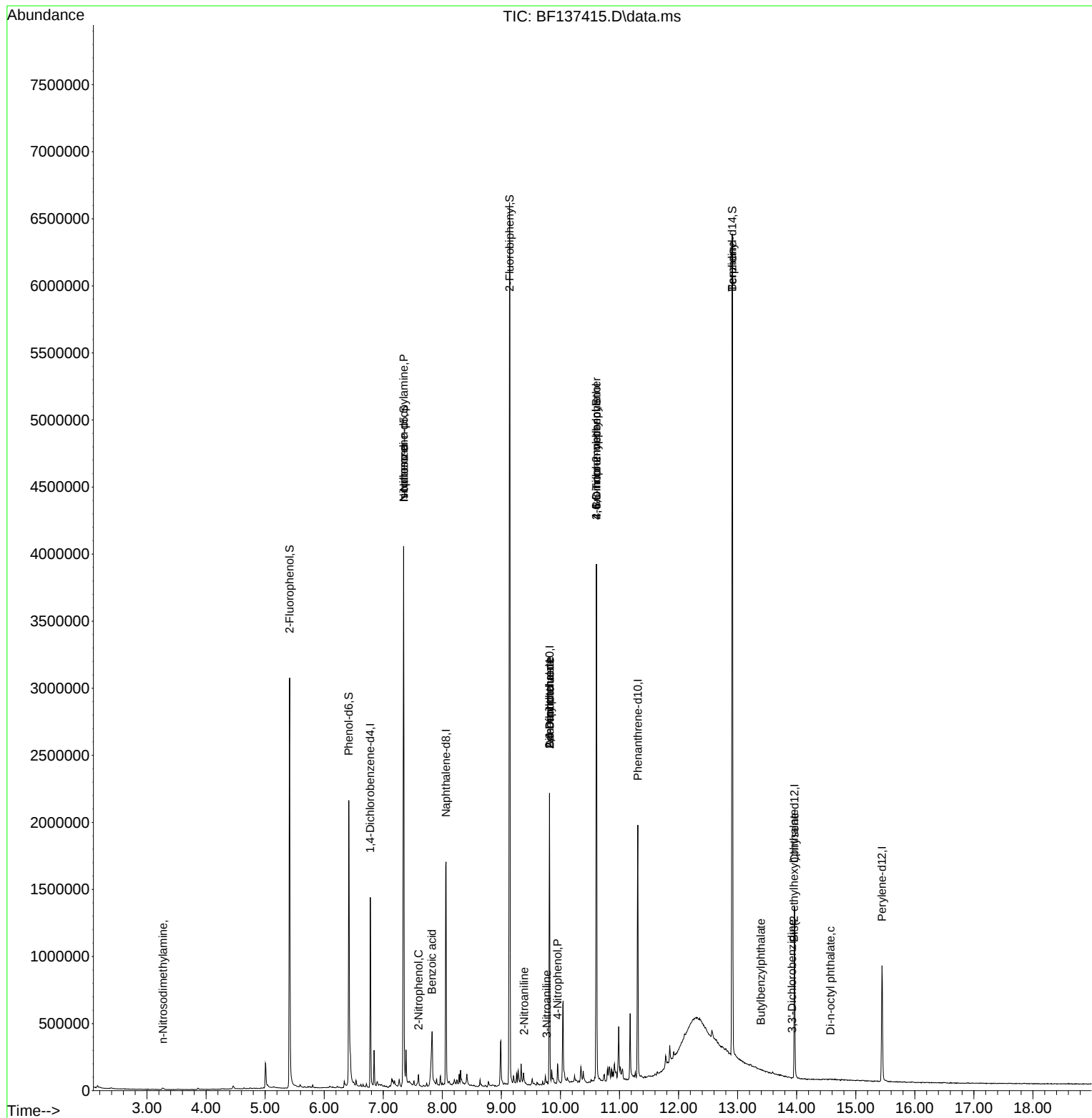
Instrument :

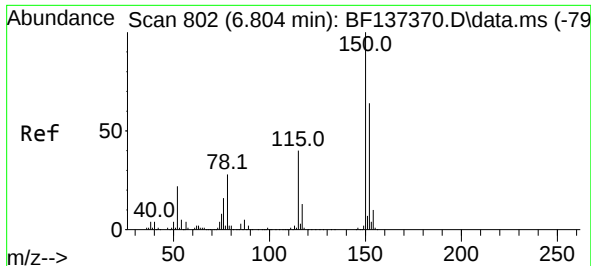
BNA_F

ClientSampleId :

20241107-AMENDED-COMPOSITE-35N-N-4-06

Quant Time: Feb 28 05:23:56 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





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.024 min
Lab File: BF137415.D
Acq: 27 Feb 2024 20:12

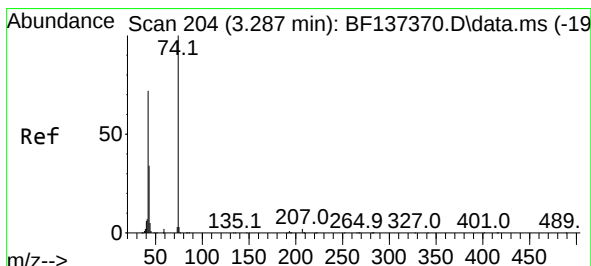
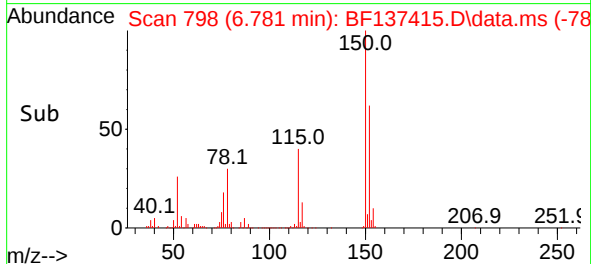
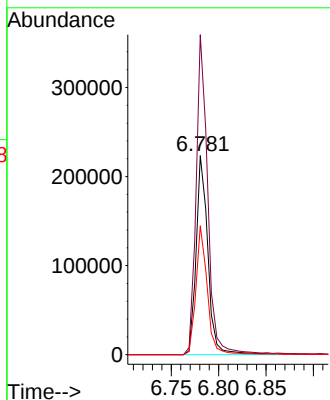
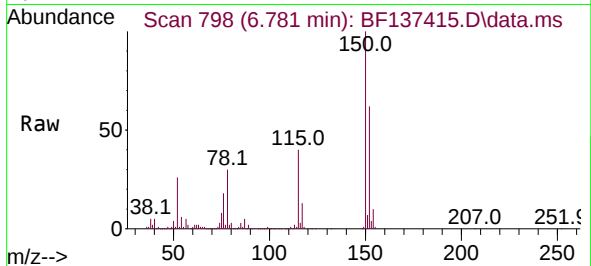
Instrument :

BNA_F

ClientSampleId :

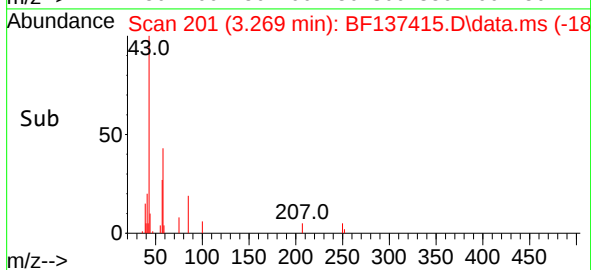
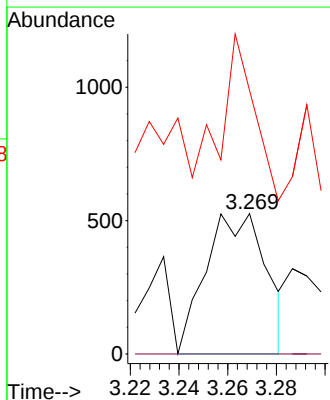
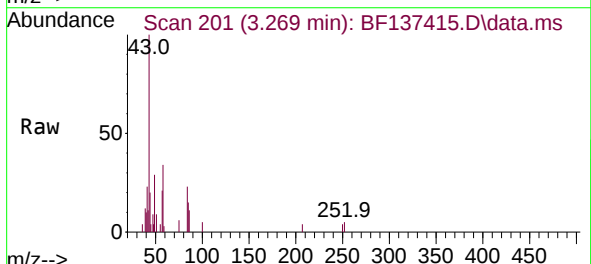
20241107-AMENDED-COMPOSITE-35N-N-4-06

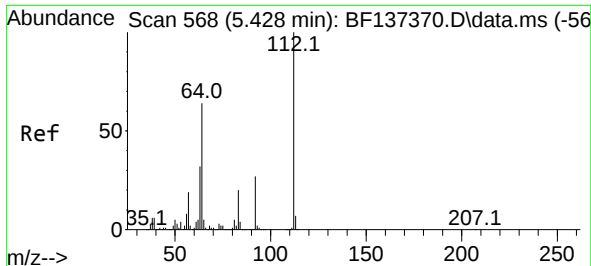
Tgt Ion:152 Resp: 194625
Ion Ratio Lower Upper
152 100
150 160.7 125.7 188.5
115 64.8 49.8 74.8



#4
n-Nitrosodimethylamine
Concen: 5.229 ng
RT: 3.269 min Scan# 201
Delta R.T. -0.018 min
Lab File: BF137415.D
Acq: 27 Feb 2024 20:12

Tgt Ion: 42 Resp: 908
Ion Ratio Lower Upper
42 100
74 0.0 110.8 166.2#
44 187.8 6.0 9.0#





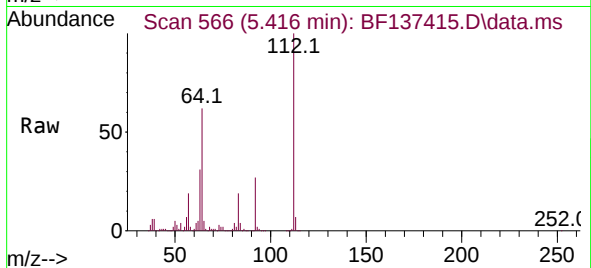
#5
2-Fluorophenol
Concen: 68.730 ng
RT: 5.416 min Scan# 501
Delta R.T. -0.012 min
Lab File: BF137415.D
Acq: 27 Feb 2024 20:12

Instrument :

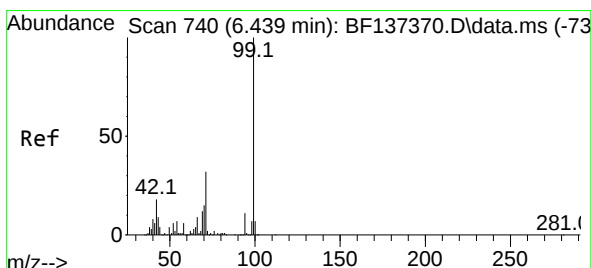
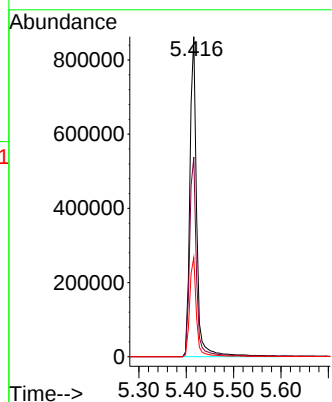
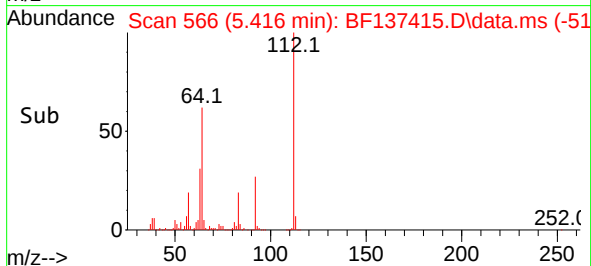
BNA_F

ClientSampleId :

20241107-AMENDED-COMPOSITE-35N-N-4-06

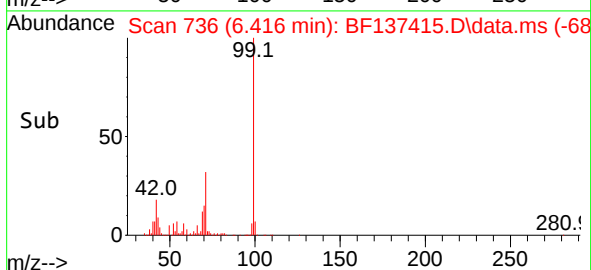
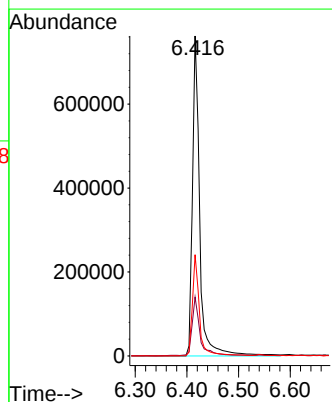
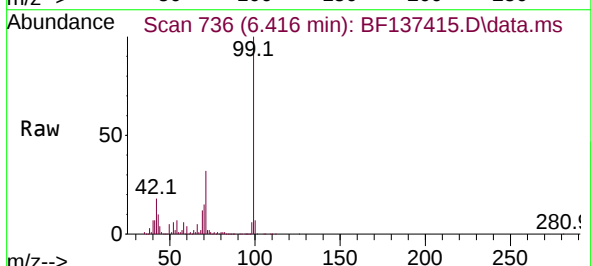


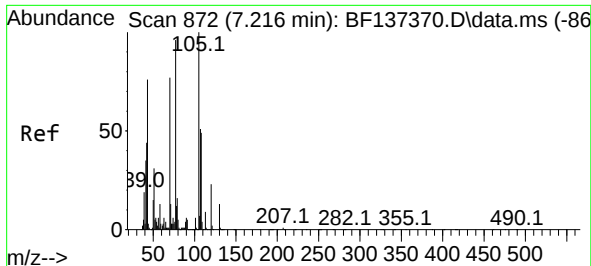
Tgt Ion:112 Resp: 866900
Ion Ratio Lower Upper
112 100
64 62.4 51.0 76.6
63 31.0 25.7 38.5



#7
Phenol-d6
Concen: 40.182 ng
RT: 6.416 min Scan# 736
Delta R.T. -0.024 min
Lab File: BF137415.D
Acq: 27 Feb 2024 20:12

Tgt Ion: 99 Resp: 745543
Ion Ratio Lower Upper
99 100
42 18.4 14.2 21.4
71 31.7 25.2 37.8





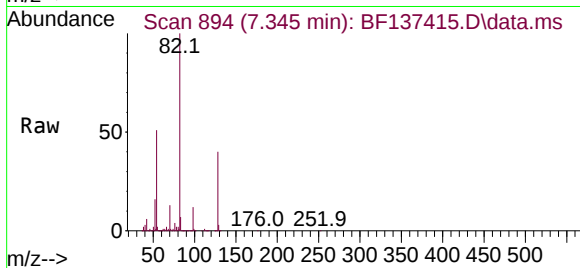
#19
n-Nitroso-di-n-propylamine
Concen: 16.281 ng
RT: 7.345 min Scan# 89
Delta R.T. 0.129 min
Lab File: BF137415.D
Acq: 27 Feb 2024 20:12

Instrument :

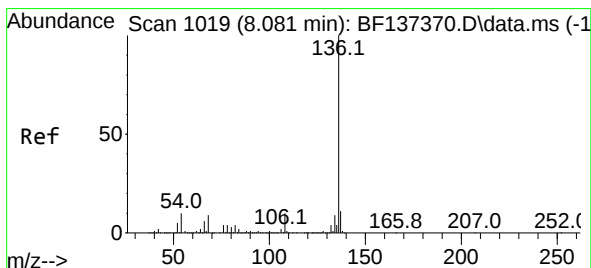
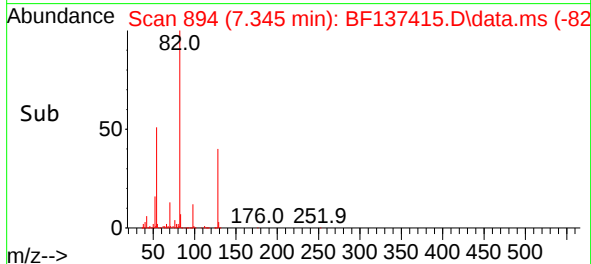
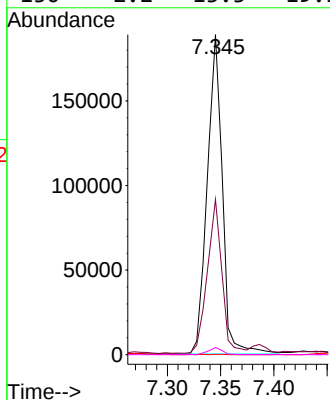
BNA_F

ClientSampleId :

20241107-AMENDED-COMPOSITE-35N-N-4-06

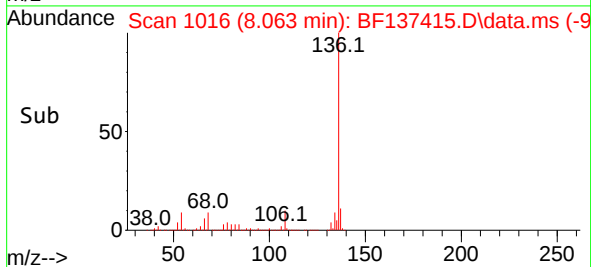
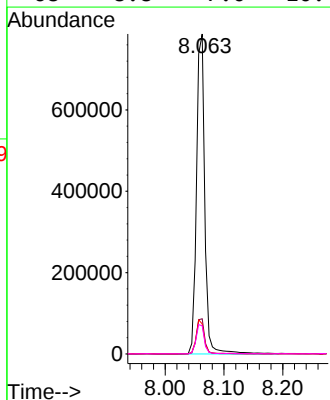
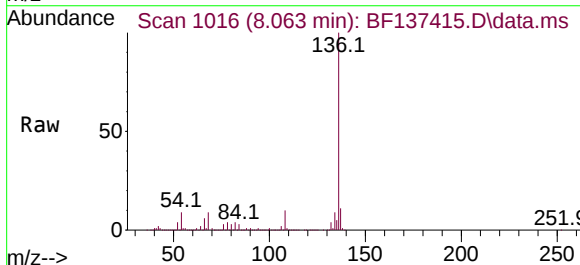


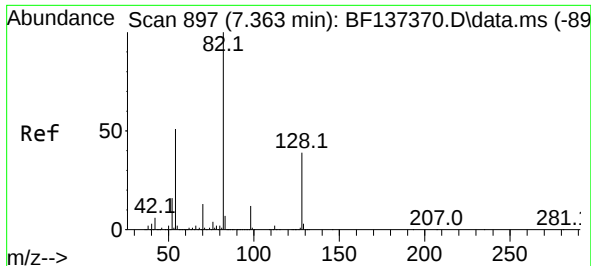
Tgt Ion: 70 Resp: 186150
Ion Ratio Lower Upper
70 100
42 48.6 45.3 67.9
101 0.1 6.5 9.7#
130 2.2 13.3 19.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF137415.D
Acq: 27 Feb 2024 20:12

Tgt Ion: 136 Resp: 767479
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 9.4 7.8 11.6
68 8.8 7.0 10.4





#23

Nitrobenzene-d5

Concen: 93.025 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.018 min

Lab File: BF137415.D

Acq: 27 Feb 2024 20:12

Instrument :

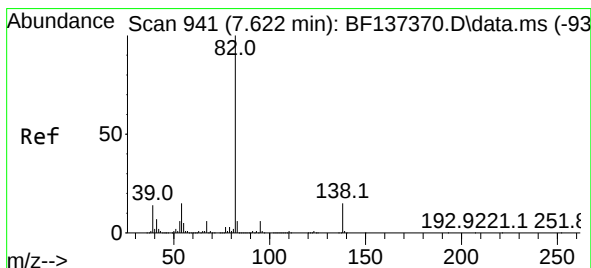
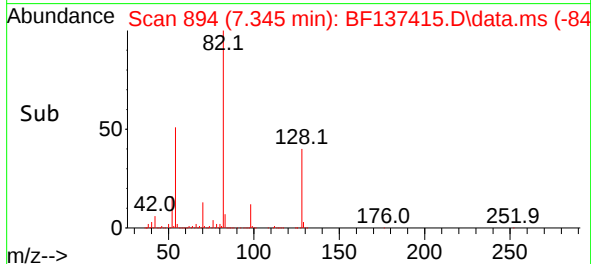
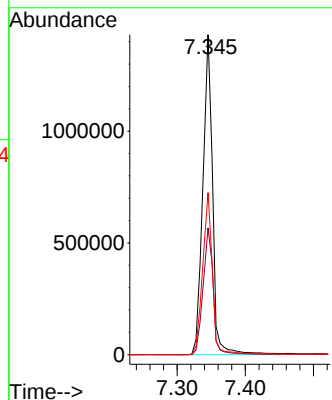
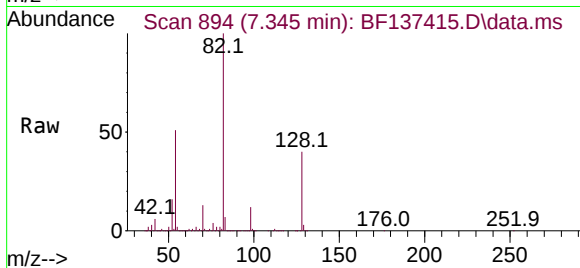
BNA_F

ClientSampleId :

20241107-AMENDED-COMPOSITE-35N-N-4-06

Tgt Ion: 82 Resp: 1430053

Ion	Ratio	Lower	Upper
82	100		
128	39.7	30.8	46.2
54	50.7	40.8	61.2



#25

Isophorone

Concen: 44.864 ng

RT: 7.345 min Scan# 894

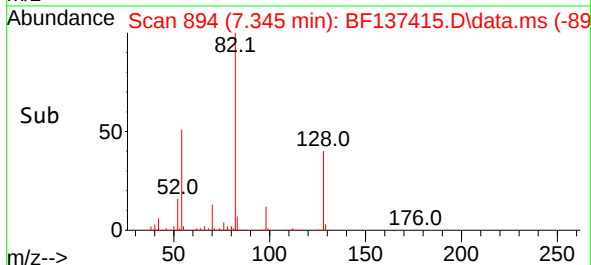
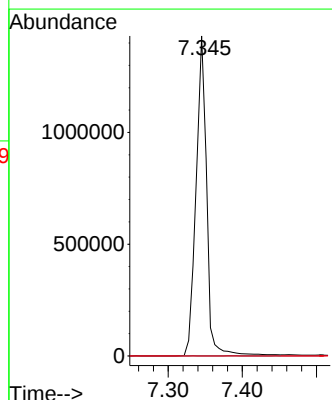
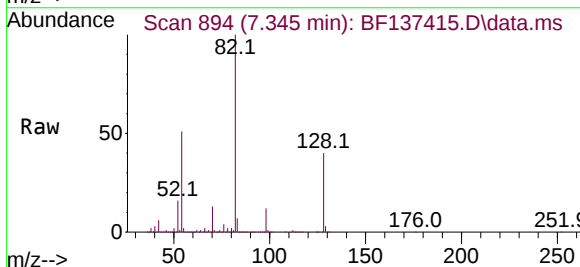
Delta R.T. -0.277 min

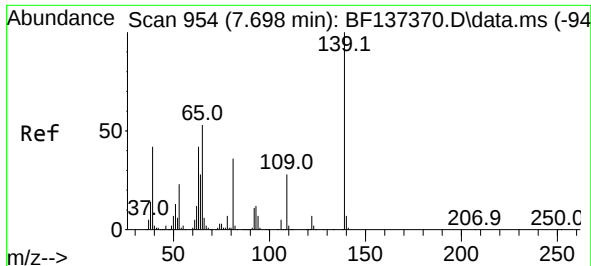
Lab File: BF137415.D

Acq: 27 Feb 2024 20:12

Tgt Ion: 82 Resp: 1426253

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.1	7.7#
138	0.0	12.2	18.4#

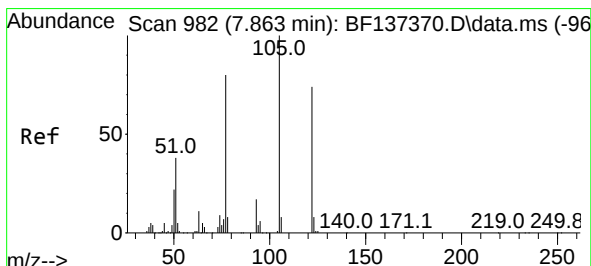
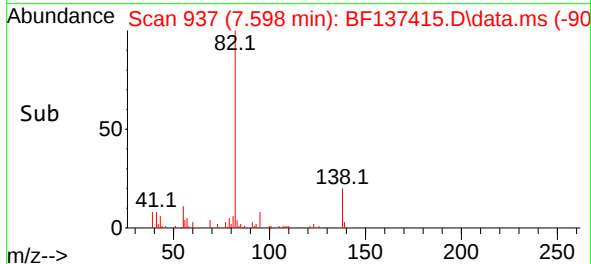
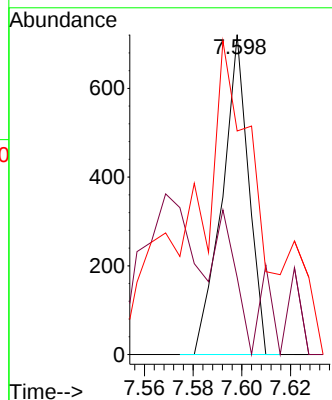
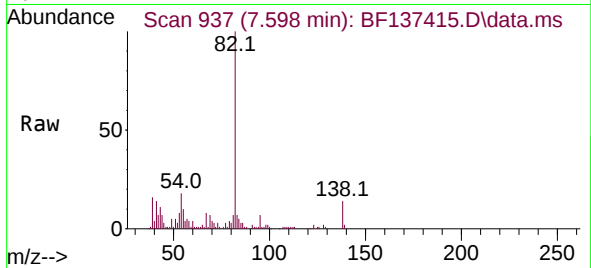




#26
2-Nitrophenol
Concen: 2.988 ng
RT: 7.598 min Scan# 911
Delta R.T. -0.100 min
Lab File: BF137415.D
Acq: 27 Feb 2024 20:12

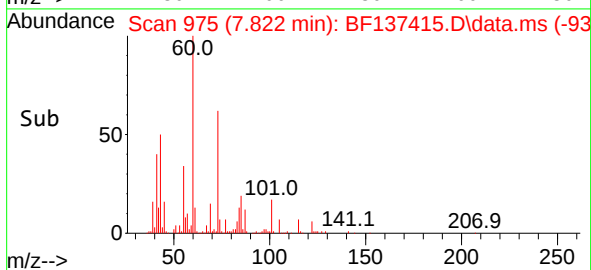
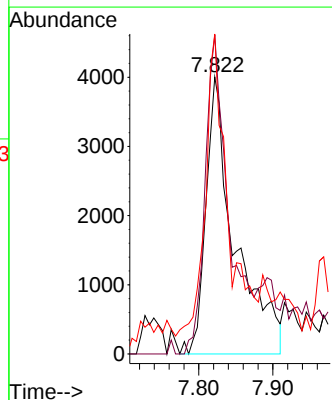
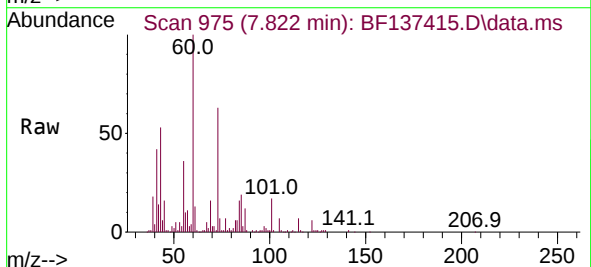
Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06

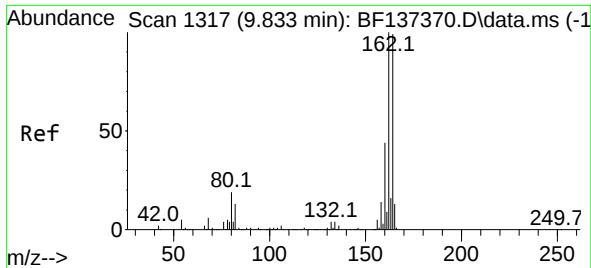
Tgt Ion:	139	Resp:	545
Ion	Ratio	Lower	Upper
139	100		
109	24.1	22.5	33.7
65	69.9	42.3	63.5



#32
Benzoic acid
Concen: 8.252 ng
RT: 7.822 min Scan# 975
Delta R.T. -0.041 min
Lab File: BF137415.D
Acq: 27 Feb 2024 20:12

Tgt Ion:	122	Resp:	10890
Ion	Ratio	Lower	Upper
122	100		
105	115.1	101.1	141.1
77	115.5	82.8	122.8





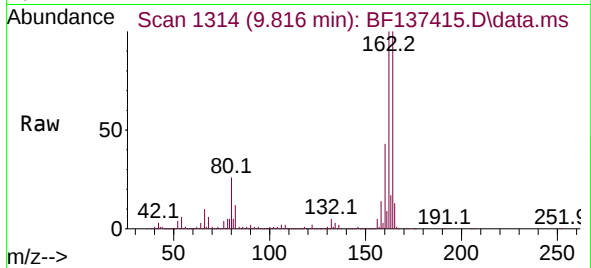
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF137415.D
Acq: 27 Feb 2024 20:12

Instrument :

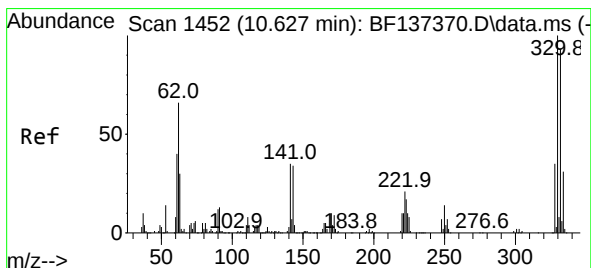
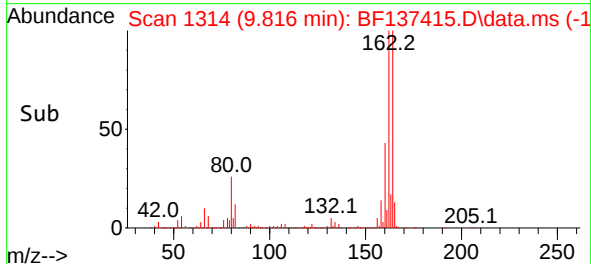
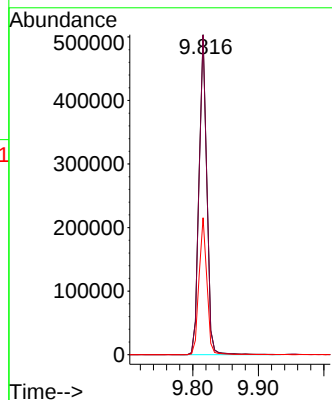
BNA_F

ClientSampleId :

20241107-AMENDED-COMPOSITE-35N-N-4-06

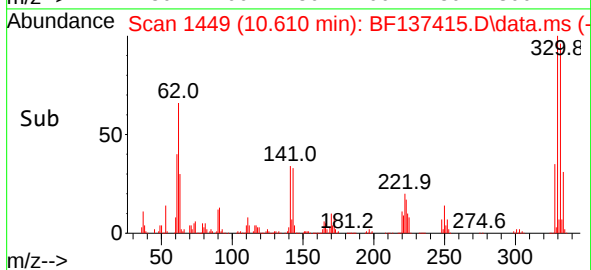
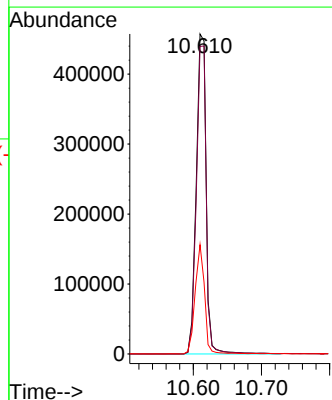
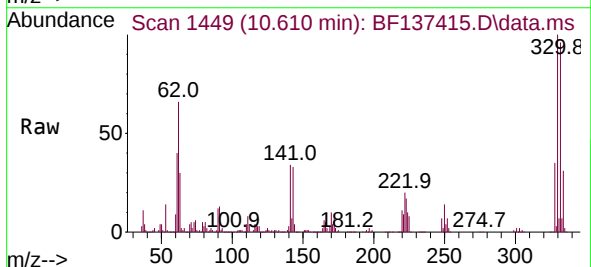


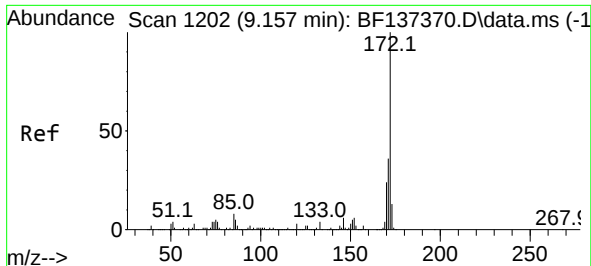
Tgt Ion:164 Resp: 416979
Ion Ratio Lower Upper
164 100
162 99.9 81.2 121.8
160 42.8 35.7 53.5



#42
2,4,6-Tribromophenol
Concen: 126.087 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.018 min
Lab File: BF137415.D
Acq: 27 Feb 2024 20:12

Tgt Ion:330 Resp: 457831
Ion Ratio Lower Upper
330 100
332 95.9 75.6 113.4
141 32.6 28.6 42.8





#45
2-Fluorobiphenyl
Concen: 85.811 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.018 min
Lab File: BF137415.D
Acq: 27 Feb 2024 20:12

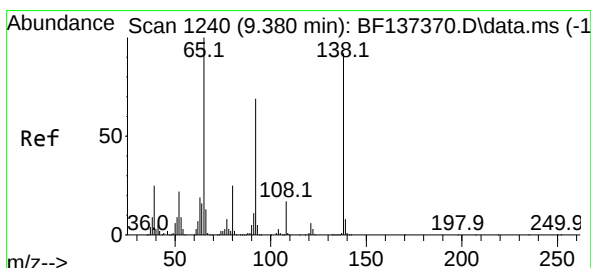
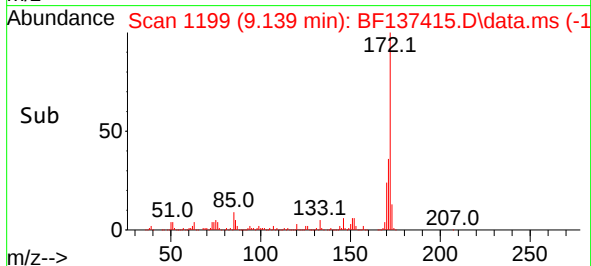
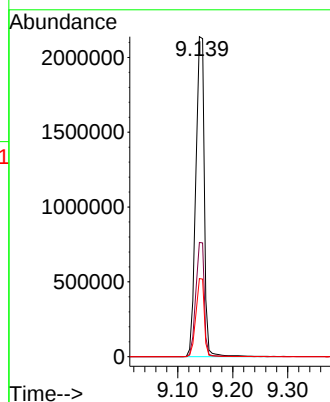
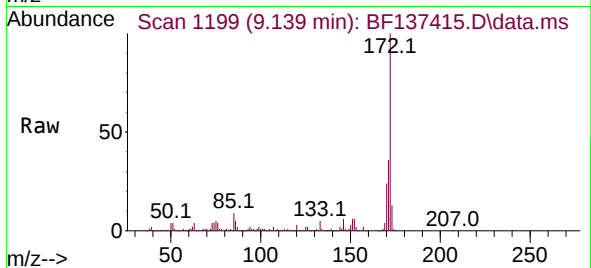
Instrument :

BNA_F

ClientSampleId :

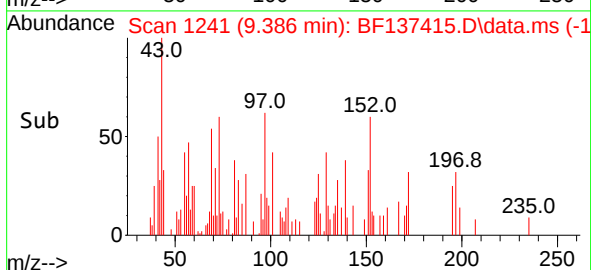
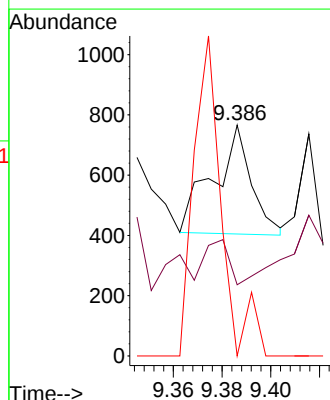
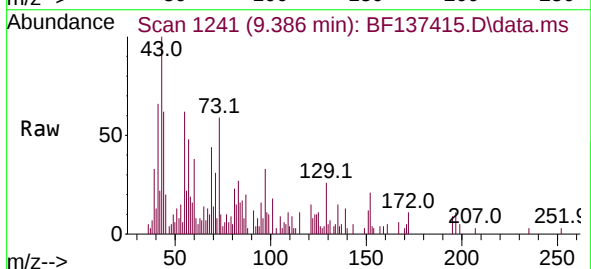
20241107-AMENDED-COMPOSITE-35N-N-4-06

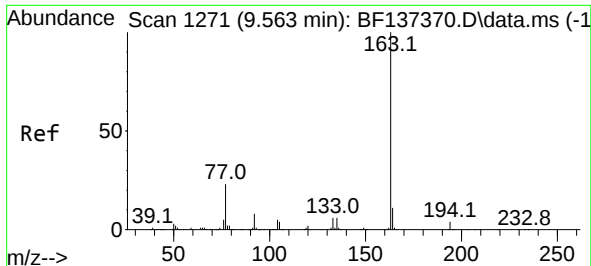
Tgt Ion:172 Resp: 2298326
Ion Ratio Lower Upper
172 100
171 35.7 28.7 43.1
170 24.4 19.5 29.3



#48
2-Nitroaniline
Concen: 4.294 ng
RT: 9.386 min Scan# 1241
Delta R.T. 0.006 min
Lab File: BF137415.D
Acq: 27 Feb 2024 20:12

Tgt Ion: 65 Resp: 391
Ion Ratio Lower Upper
65 100
92 30.8 55.0 82.6#
138 0.0 73.7 110.5#





#50
Dimethylphthalate
Concen: 2.311 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.253 min
Lab File: BF137415.D
Acq: 27 Feb 2024 20:12

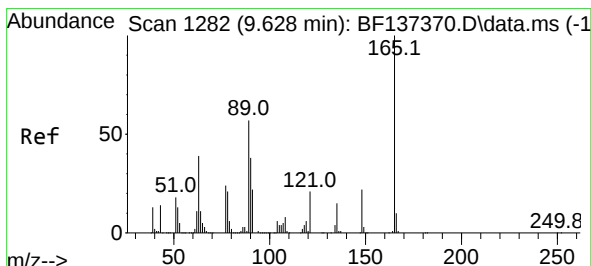
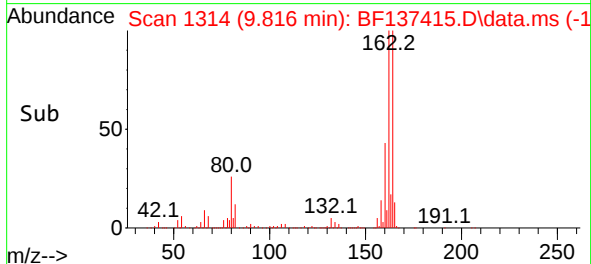
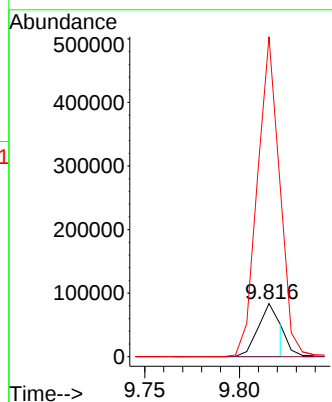
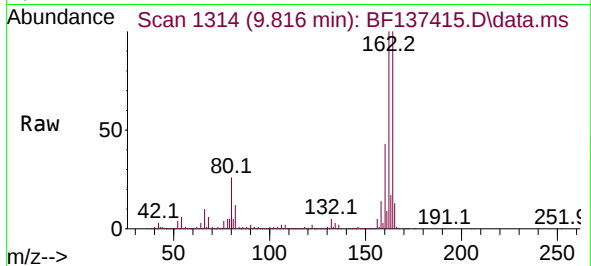
Instrument :

BNA_F

ClientSampleId :

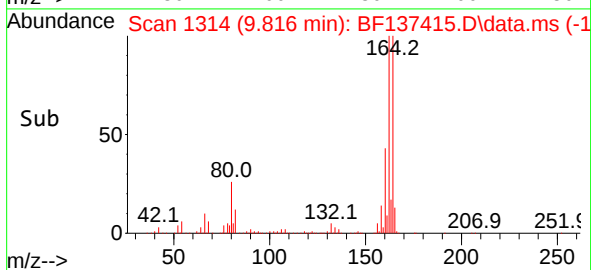
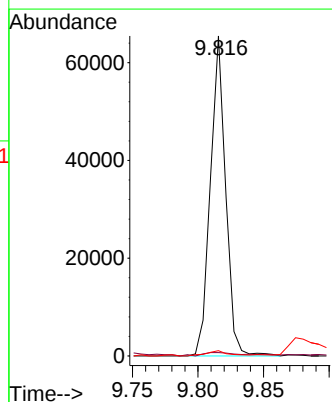
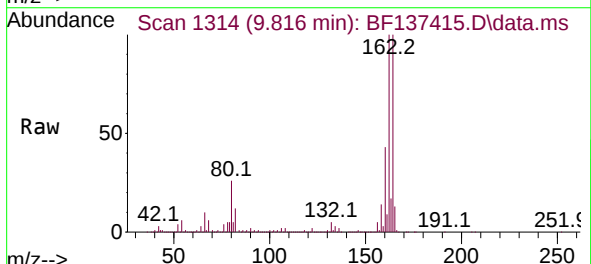
20241107-AMENDED-COMPOSITE-35N-N-4-06

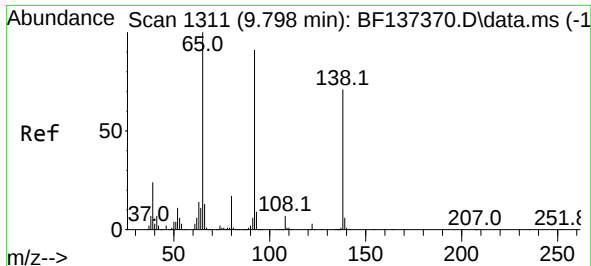
Tgt Ion:163 Resp: 66576
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 602.3 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 9.936 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.188 min
Lab File: BF137415.D
Acq: 27 Feb 2024 20:12

Tgt Ion:165 Resp: 53262
Ion Ratio Lower Upper
165 100
63 1.1 41.6 62.4#
89 1.7 45.8 68.6#

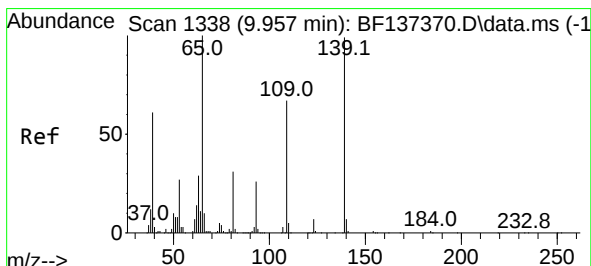
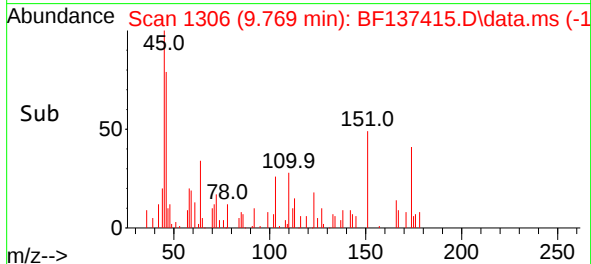
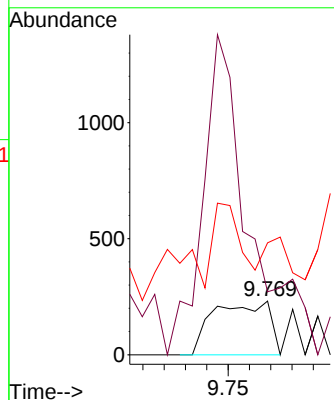
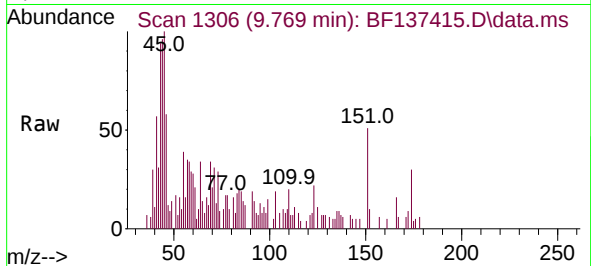




#53
3-Nitroaniline
Concen: 2.425 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.029 min
Lab File: BF137415.D
Acq: 27 Feb 2024 20:12

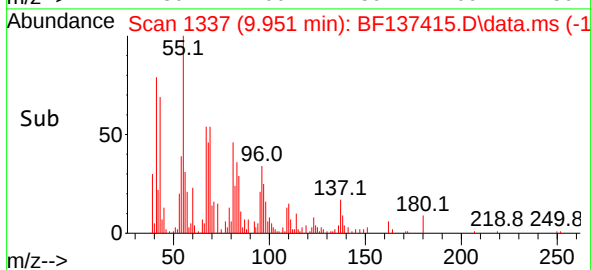
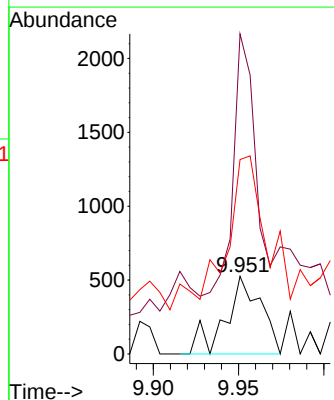
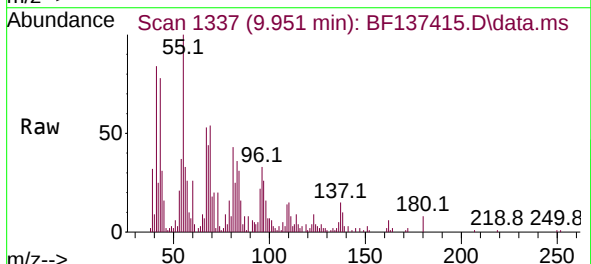
Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06

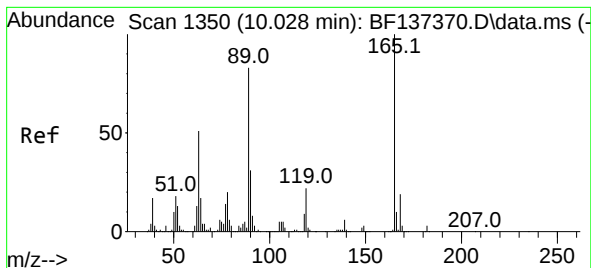
Tgt Ion:138 Resp: 417
Ion Ratio Lower Upper
138 100
108 117.3 8.2 12.2#
92 208.7 102.2 153.2#



#56
4-Nitrophenol
Concen: 4.995 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF137415.D
Acq: 27 Feb 2024 20:12

Tgt Ion:139 Resp: 759
Ion Ratio Lower Upper
139 100
109 412.6 48.0 88.0#
65 250.7 82.2 122.2#





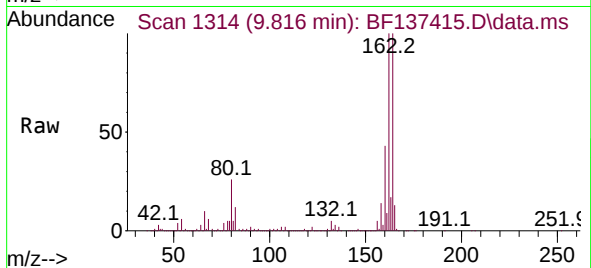
#57
2,4-Dinitrotoluene
Concen: 8.748 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF137415.D
Acq: 27 Feb 2024 20:12

Instrument :

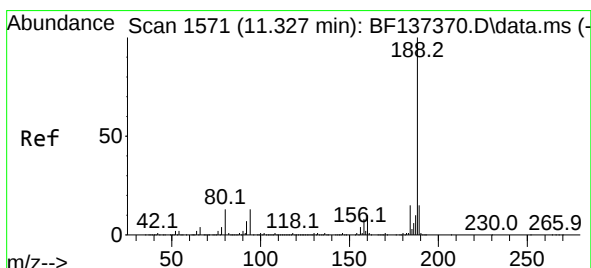
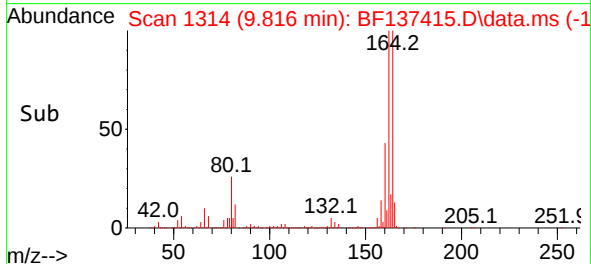
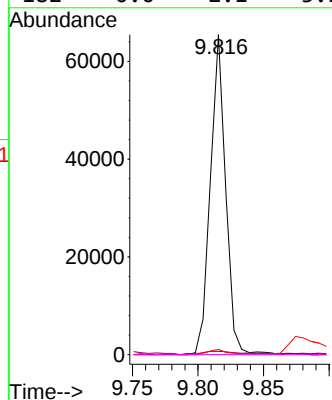
BNA_F

ClientSampleId :

20241107-AMENDED-COMPOSITE-35N-N-4-06

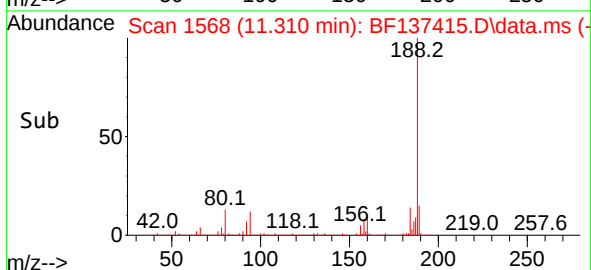
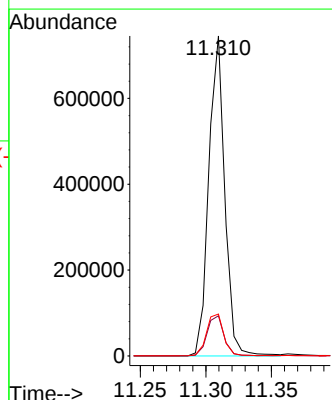
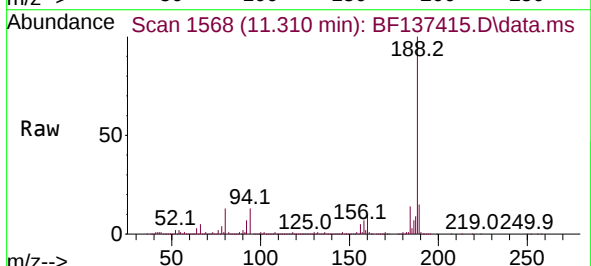


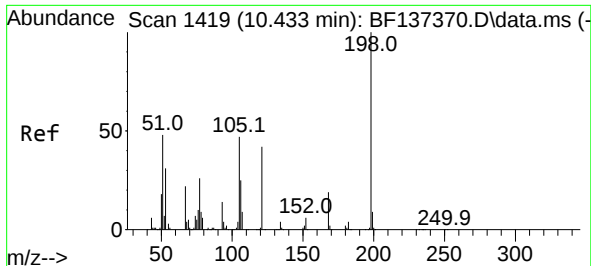
Tgt Ion:165 Resp: 53262
Ion Ratio Lower Upper
165 100
63 1.1 41.1 61.7#
89 1.7 66.6 100.0#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.018 min
Lab File: BF137415.D
Acq: 27 Feb 2024 20:12

Tgt Ion:188 Resp: 634281
Ion Ratio Lower Upper
188 100
94 12.5 10.2 15.2
80 13.1 10.7 16.1





#65
4,6-Dinitro-2-methylphenol
Concen: 4.810 ng
RT: 10.610 min Scan# 1419
Delta R.T. 0.177 min
Lab File: BF137415.D
Acq: 27 Feb 2024 20:12

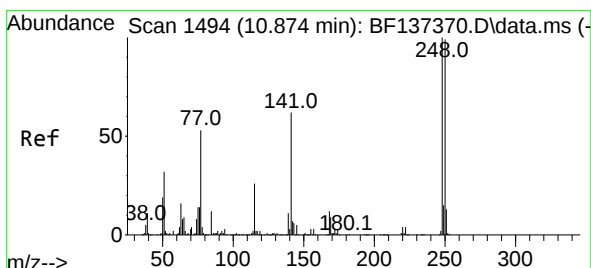
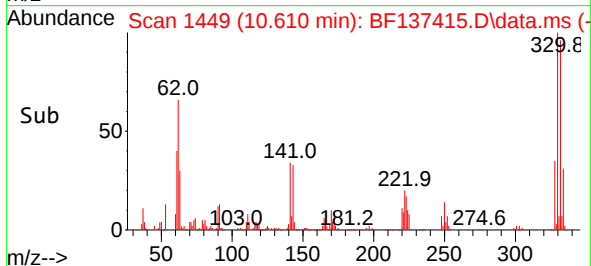
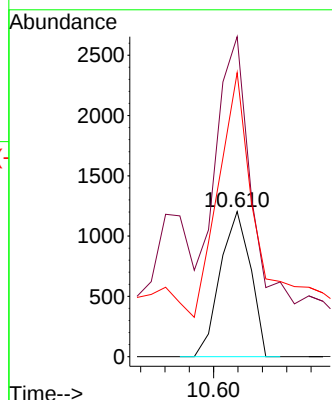
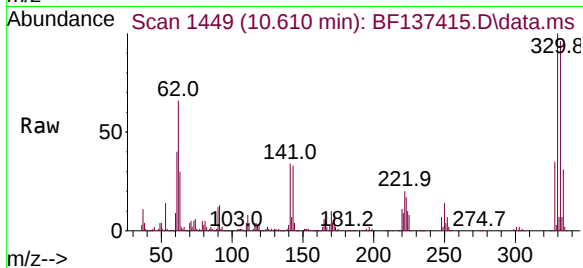
Instrument :

BNA_F

ClientSampleId :

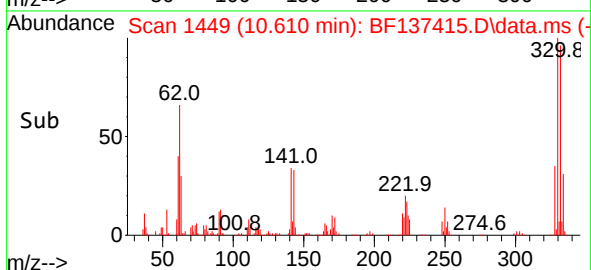
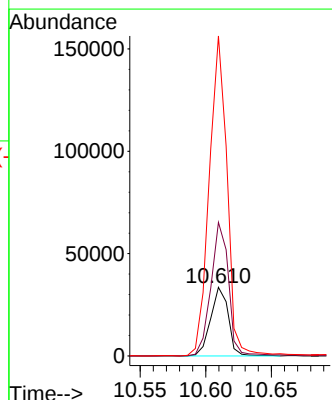
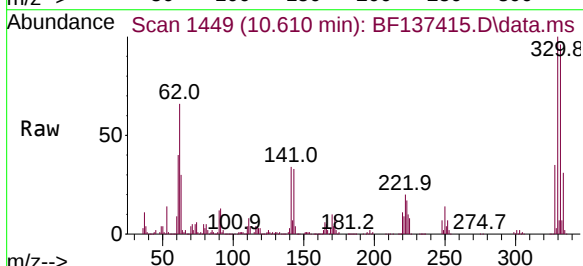
20241107-AMENDED-COMPOSITE-35N-N-4-06

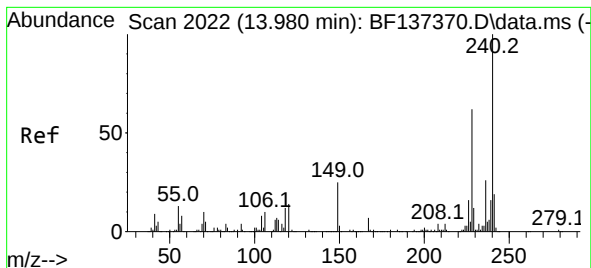
Tgt Ion:198 Resp: 1042
Ion Ratio Lower Upper
198 100
51 220.4 36.8 76.8#
105 195.6 28.5 68.5#



#67
4-Bromophenyl-phenylether
Concen: 4.619 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.265 min
Lab File: BF137415.D
Acq: 27 Feb 2024 20:12

Tgt Ion:248 Resp: 31499
Ion Ratio Lower Upper
248 100
250 194.8 79.0 118.6#
141 466.3 49.9 74.9#





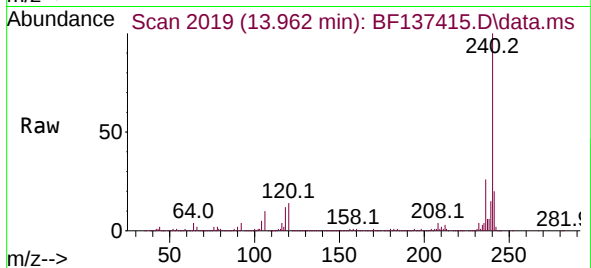
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 20
Delta R.T. -0.018 min
Lab File: BF137415.D
Acq: 27 Feb 2024 20:12

Instrument :

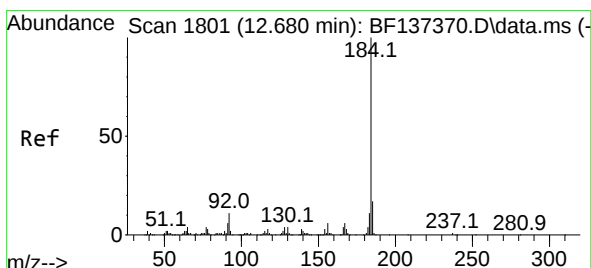
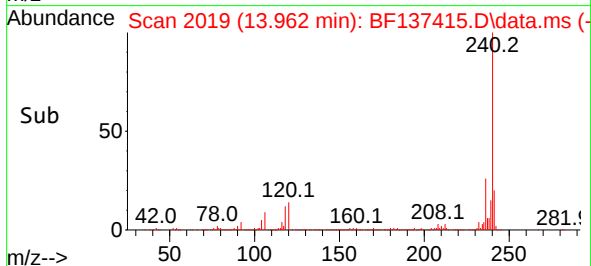
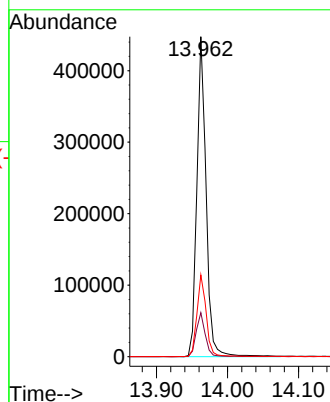
BNA_F

ClientSampleId :

20241107-AMENDED-COMPOSITE-35N-N-4-06

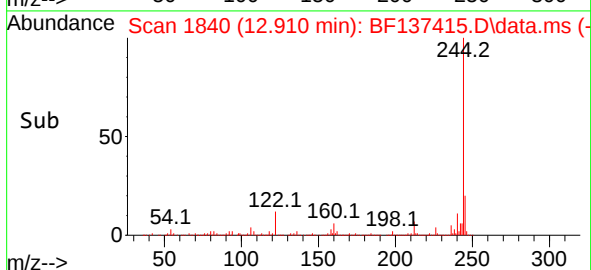
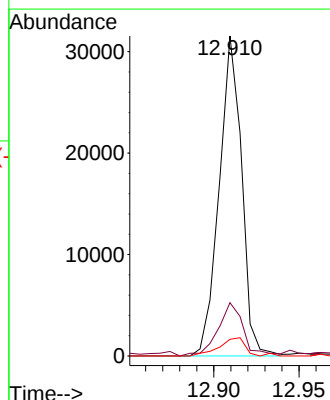
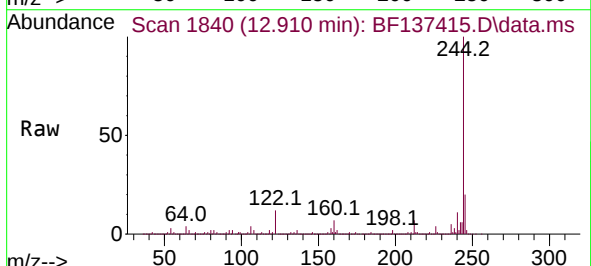


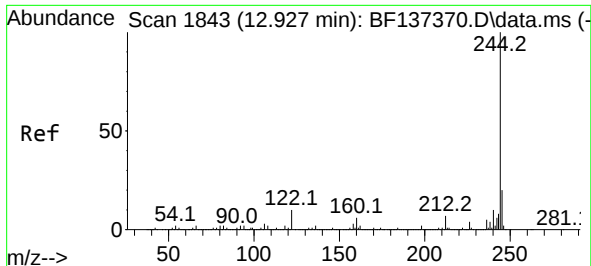
Tgt Ion:240 Resp: 406663
Ion Ratio Lower Upper
240 100
120 13.7 11.3 16.9
236 25.6 20.5 30.7



#77
Benzidine
Concen: 10.493 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.229 min
Lab File: BF137415.D
Acq: 27 Feb 2024 20:12

Tgt Ion:184 Resp: 28881
Ion Ratio Lower Upper
184 100
185 16.6 13.7 20.5
183 5.2 8.8 13.2#





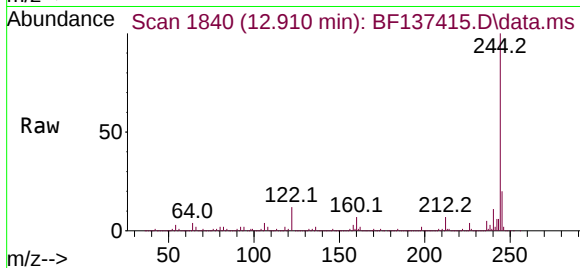
#79
Terphenyl-d14
Concen: 78.359 ng
RT: 12.910 min Scan# 1843
Delta R.T. -0.018 min
Lab File: BF137415.D
Acq: 27 Feb 2024 20:12

Instrument :

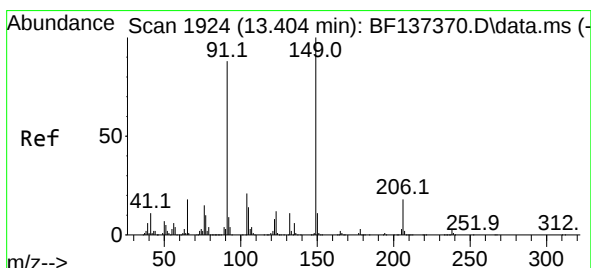
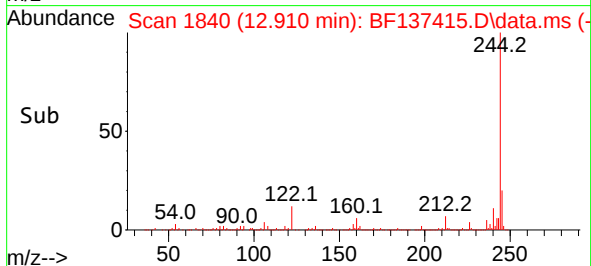
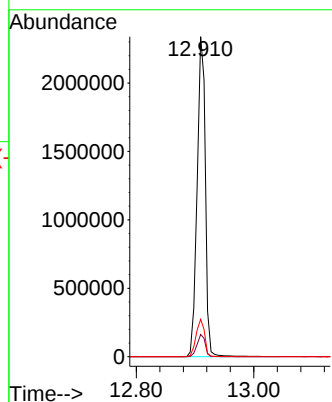
BNA_F

ClientSampleId :

20241107-AMENDED-COMPOSITE-35N-N-4-06

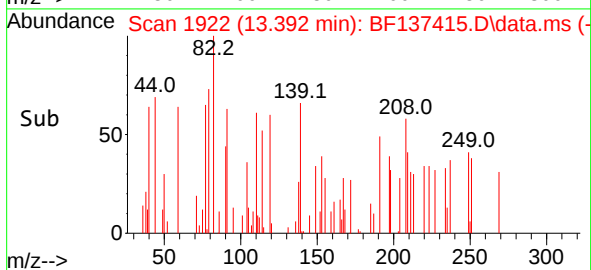
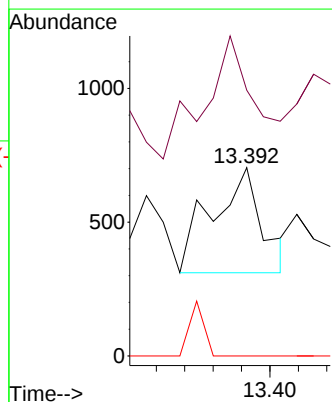
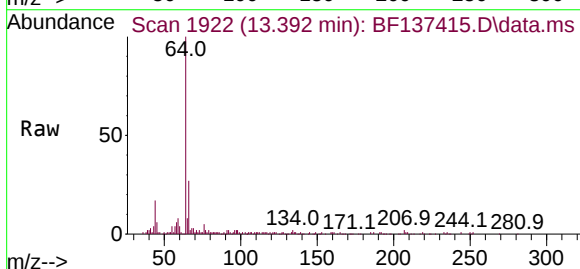


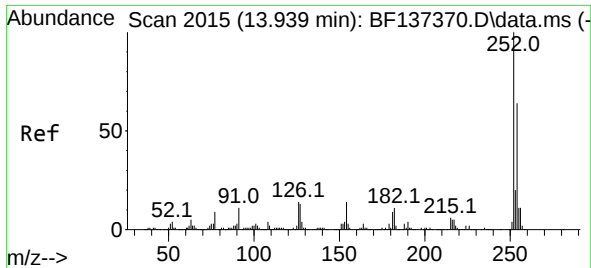
Tgt Ion:244 Resp: 2278267
Ion Ratio Lower Upper
244 100
212 6.9 5.3 7.9
122 11.7 8.2 12.4



#80
Butylbenzylphthalate
Concen: 4.091 ng
RT: 13.392 min Scan# 1922
Delta R.T. -0.012 min
Lab File: BF137415.D
Acq: 27 Feb 2024 20:12

Tgt Ion:149 Resp: 480
Ion Ratio Lower Upper
149 100
91 141.1 70.5 105.7#
206 0.0 14.8 22.2#





#82
3,3'-Dichlorobenzidine
Concen: 5.107 ng
RT: 13.921 min Scan# 2018
Delta R.T. -0.018 min
Lab File: BF137415.D
Acq: 27 Feb 2024 20:12

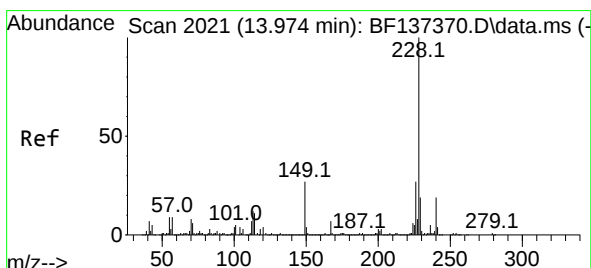
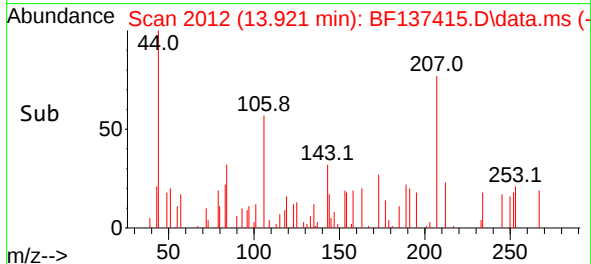
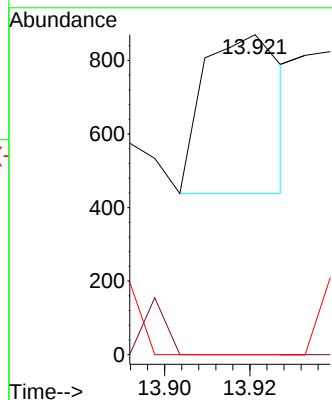
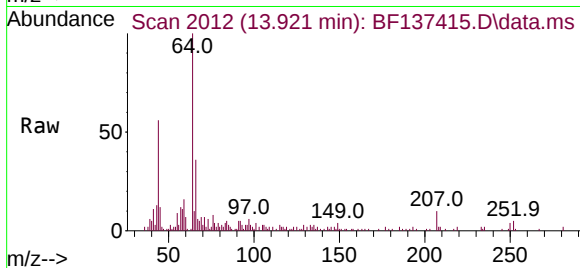
Instrument :

BNA_F

ClientSampleId :

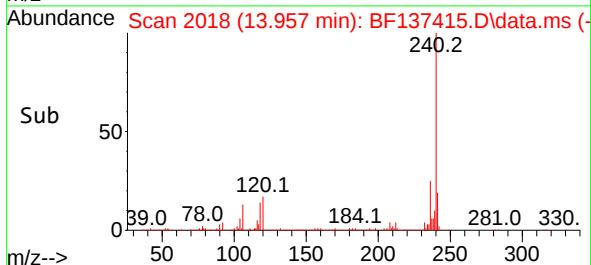
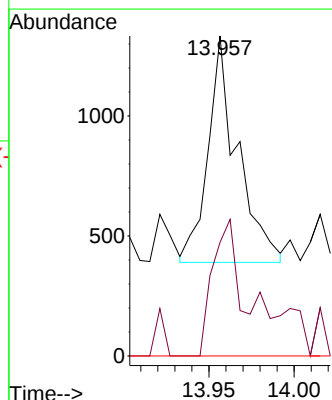
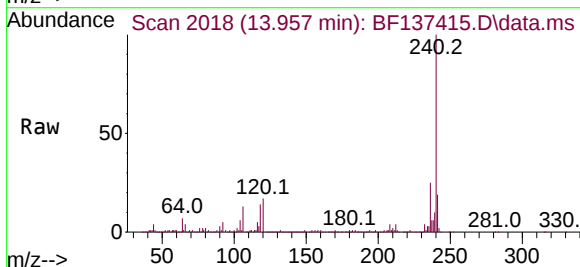
20241107-AMENDED-COMPOSITE-35N-N-4-06

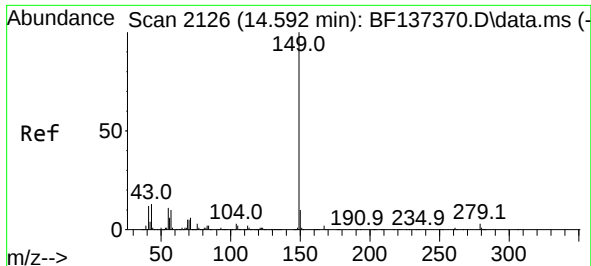
Tgt Ion:252 Resp: 546
Ion Ratio Lower Upper
252 100
254 0.0 51.2 76.8#
126 0.0 11.1 16.7#



#84
Bis(2-ethylhexyl)phthalate
Concen: 4.265 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.018 min
Lab File: BF137415.D
Acq: 27 Feb 2024 20:12

Tgt Ion:149 Resp: 1126
Ion Ratio Lower Upper
149 100
167 35.5 20.6 31.0#
279 0.0 2.7 4.1#





#85
Di-n-octyl phthalate
Concen: 6.091 ng
RT: 14.574 min Scan# 2126
Delta R.T. -0.018 min
Lab File: BF137415.D
Acq: 27 Feb 2024 20:12

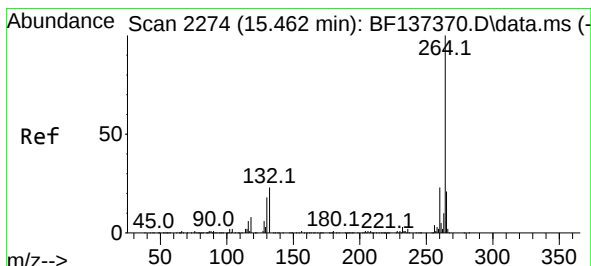
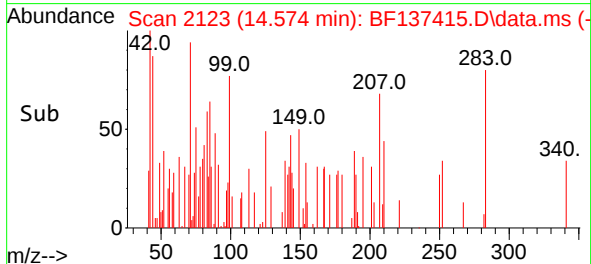
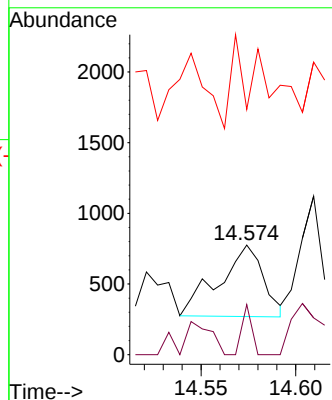
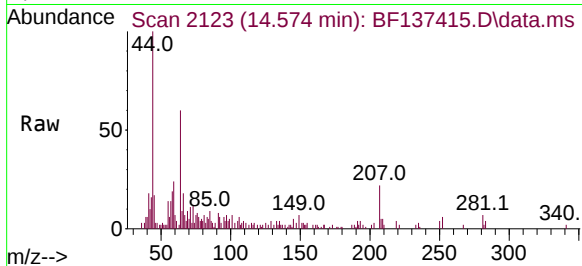
Instrument :

BNA_F

ClientSampleId :

20241107-AMENDED-COMPOSITE-35N-N-4-06

Tgt Ion:149 Resp: 824
Ion Ratio Lower Upper
149 100
167 15.2 1.2 1.8#
43 34.2 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: BF137415.D
Acq: 27 Feb 2024 20:12

Tgt Ion:264 Resp: 405824
Ion Ratio Lower Upper
264 100
260 24.2 18.5 27.7
265 21.0 16.9 25.3

