

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022624\
 Data File : BF137396.D
 Acq On : 26 Feb 2024 20:31
 Operator : CG\JU
 Sample : P1538-16MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Feb 27 00:42:12 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	207541	20.000	ng	-0.02
21) Naphthalene-d8	8.063	136	782513	20.000	ng	-0.02
39) Acenaphthene-d10	9.822	164	383489	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	536882	20.000	ng	-0.02
76) Chrysene-d12	13.968	240	353320	20.000	ng	-0.01
86) Perylene-d12	15.445	264	426375	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	104299	7.754	ng	0.00
7) Phenol-d6	6.422	99	634918	32.090	ng	-0.02
23) Nitrobenzene-d5	7.345	82	1083976	69.158	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	11884	3.559	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	1440831	58.493	ng	-0.02
79) Terphenyl-d14	12.910	244	1213656	48.045	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.616	88	327101	44.394	ng	99
3) Pyridine	3.363	79	768999	41.176	ng	99
4) n-Nitrosodimethylamine	3.340	42	362008	50.752	ng	98
6) Aniline	6.451	93	516083	21.995	ng	93
8) 2-Chlorophenol	6.569	128	702142	48.671	ng	100
9) Benzaldehyde	6.334	77	109527	11.498	ng	90
10) Phenol	6.440	94	1001186	46.236	ng	99
11) bis(2-Chloroethyl)ether	6.522	93	769267	48.890	ng	97
12) 1,3-Dichlorobenzene	6.722	146	744166	48.036	ng	99
13) 1,4-Dichlorobenzene	6.798	146	764550	47.934	ng	99
14) 1,2-Dichlorobenzene	6.951	146	719294	48.754	ng	98
15) Benzyl Alcohol	6.928	79	649149	55.040	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.057	45	1241094	47.455	ng	99
17) 2-Methylphenol	7.045	107	560945	41.096	ng	97
18) Hexachloroethane	7.292	117	254514	46.306	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	531286	43.575	ng	97
20) 3+4-Methylphenols	7.198	107	672146	43.204	ng	# 91
22) Acetophenone	7.192	105	951019	50.119	ng	# 96
24) Nitrobenzene	7.369	77	808129	50.741	ng	99
25) Isophorone	7.604	82	1536488	47.403	ng	99
26) 2-Nitrophenol	7.681	139	351323	57.140	ng	97
27) 2,4-Dimethylphenol	7.722	122	498718	41.836	ng	98
28) bis(2-Chloroethoxy)met...	7.816	93	914742	48.962	ng	99
29) 2,4-Dichlorophenol	7.922	162	546733	48.935	ng	98
30) 1,2,4-Trichlorobenzene	8.004	180	590940	49.276	ng	100
31) Naphthalene	8.087	128	1969832	46.908	ng	99
32) Benzoic acid	7.857	122	354970	48.567	ng	95
33) 4-Chloroaniline	8.139	127	121664	7.617	ng	96
34) Hexachlorobutadiene	8.198	225	348464	48.912	ng	98
35) Caprolactam	8.510	113	133489	38.635	ng	94
36) 4-Chloro-3-methylphenol	8.628	107	569283	44.944	ng	97
37) 2-Methylnaphthalene	8.775	142	1168912	43.198	ng	99
38) 1-Methylnaphthalene	8.875	142	1091792	42.675	ng	99
40) 1,2,4,5-Tetrachloroben...	8.939	216	564245	53.420	ng	97
43) 2,4,6-Trichlorophenol	9.057	196	354710	51.794	ng	99
44) 2,4,5-Trichlorophenol	9.104	196	348960	44.414	ng	96

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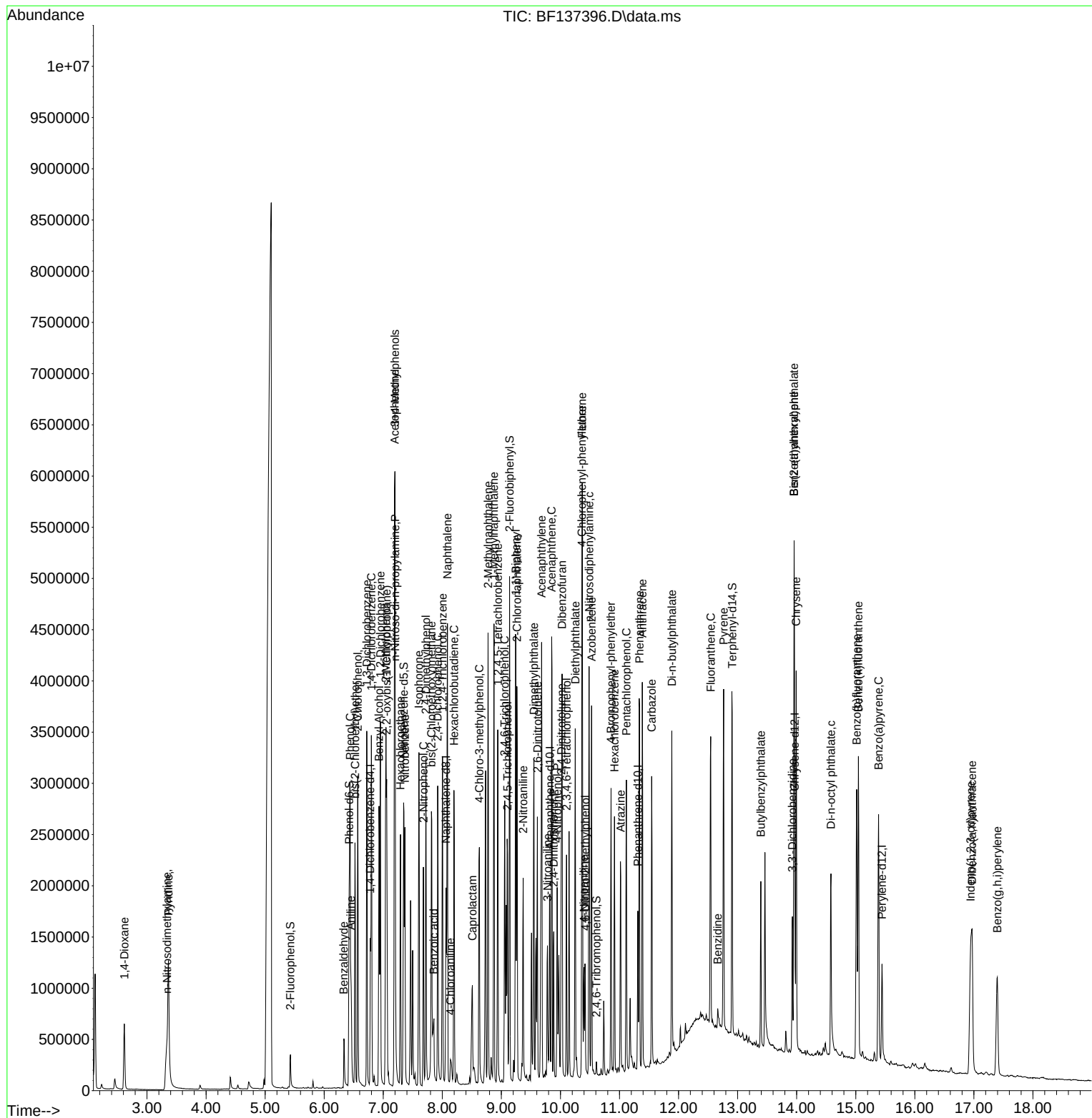
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.245	154	1412516	50.572	ng	97
47) 2-Chloronaphthalene	9.263	162	1076268	51.024	ng	98
48) 2-Nitroaniline	9.369	65	343087	53.063	ng	96
49) Acenaphthylene	9.681	152	1680951	49.049	ng	99
50) Dimethylphthalate	9.551	163	1278481	48.247	ng	98
51) 2,6-Dinitrotoluene	9.610	165	261846	53.115	ng	90
52) Acenaphthene	9.851	154	953863	46.627	ng	99
53) 3-Nitroaniline	9.781	138	167659	30.660	ng	98
54) 2,4-Dinitrophenol	9.886	184	165600	69.142	ng	94
55) Dibenzofuran	10.028	168	1443777	45.663	ng	100
56) 4-Nitrophenol	9.945	139	325227	78.014	ng	93
57) 2,4-Dinitrotoluene	10.016	165	318036	50.960	ng	95
58) Fluorene	10.369	166	1043237	43.205	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.104	232	245471	37.728	ng	99
60) Diethylphthalate	10.251	149	1179929	47.692	ng	100
61) 4-Chlorophenyl-phenyle...	10.363	204	514607	43.325	ng	98
62) 4-Nitroaniline	10.398	138	196790	38.305	ng	99
63) Azobenzene	10.528	77	1306377	44.134	ng	98
65) 4,6-Dinitro-2-methylph...	10.422	198	124566	47.501	ng	84
66) n-Nitrosodiphenylamine	10.486	169	916822	52.581	ng	98
67) 4-Bromophenyl-phenylether	10.857	248	301511	52.240	ng	93
68) Hexachlorobenzene	10.916	284	309319	51.807	ng	96
69) Atrazine	11.022	200	244290	51.915	ng	98
70) Pentachlorophenol	11.116	266	294047	77.732	ng	99
71) Phenanthrene	11.339	178	1416789	47.831	ng	99
72) Anthracene	11.386	178	1453746	47.624	ng	100
73) Carbazole	11.545	167	1169359	44.836	ng	99
74) Di-n-butylphthalate	11.886	149	1563097	59.896	ng	100
75) Fluoranthene	12.545	202	1279193	44.242	ng	99
77) Benzidine	12.663	184	131692	25.610	ng	99
78) Pyrene	12.763	202	1323140	39.604	ng	100
80) Butylbenzylphthalate	13.392	149	310784	58.475	ng	94
81) Benzo(a)anthracene	13.957	228	1240744	50.607	ng	98
82) 3,3'-Dichlorobenzidine	13.927	252	316239	54.546	ng	99
83) Chrysene	13.992	228	1226937	48.988	ng	100
84) Bis(2-ethylhexyl)phtha...	13.957	149	503726	69.479	ng	100
85) Di-n-octyl phthalate	14.580	149	1113864	76.121	ng	# 91
87) Indeno(1,2,3-cd)pyrene	16.945	276	1109482	37.986	ng	100
88) Benzo(b)fluoranthene	15.015	252	1335213	51.048	ng	99
89) Benzo(k)fluoranthene	15.045	252	1278261	46.628	ng	99
90) Benzo(a)pyrene	15.386	252	1227500	49.476	ng	99
91) Dibenzo(a,h)anthracene	16.968	278	896398	37.406	ng	96
92) Benzo(g,h,i)perylene	17.398	276	802205	32.764	ng	99

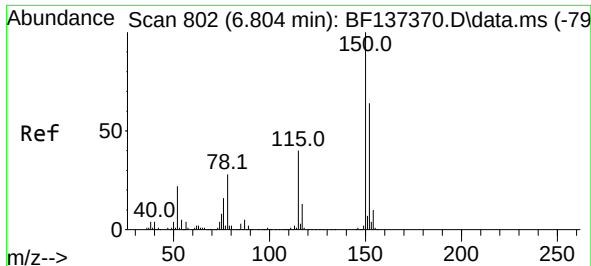
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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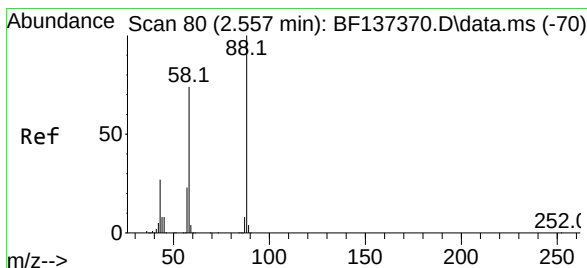
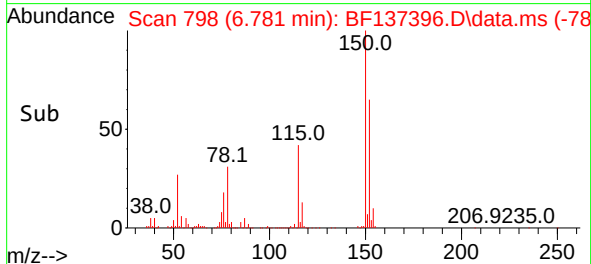
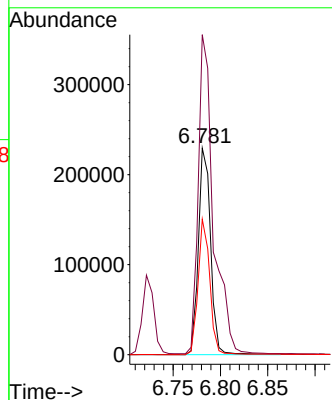
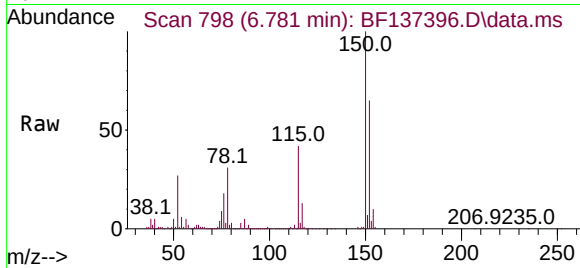




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.023 min
 Lab File: BF137396.D
 Acq: 26 Feb 2024 20:31

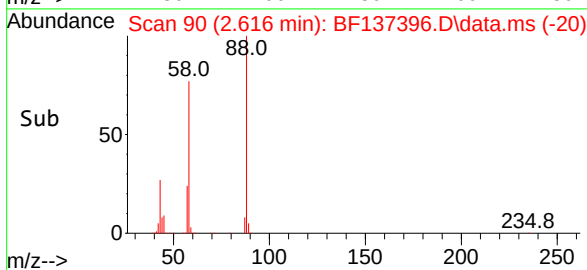
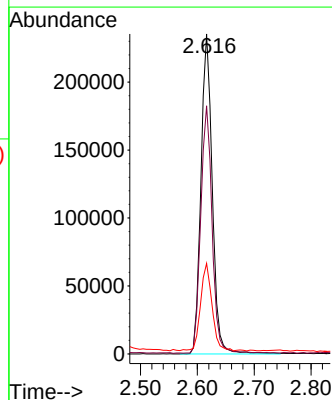
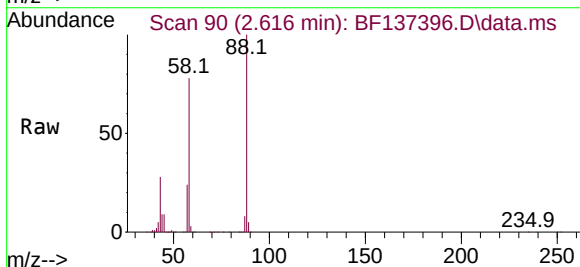
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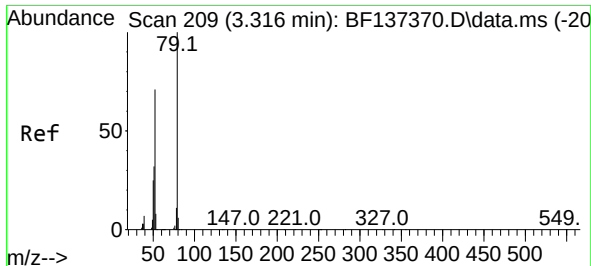
Tgt Ion:152 Resp: 207541
 Ion Ratio Lower Upper
 152 100
 150 154.9 125.7 188.5
 115 65.6 49.8 74.8



#2
 1,4-Dioxane
 Concen: 44.394 ng
 RT: 2.616 min Scan# 90
 Delta R.T. 0.059 min
 Lab File: BF137396.D
 Acq: 26 Feb 2024 20:31

Tgt Ion: 88 Resp: 327101
 Ion Ratio Lower Upper
 88 100
 58 77.2 60.6 91.0
 43 27.3 22.0 33.0

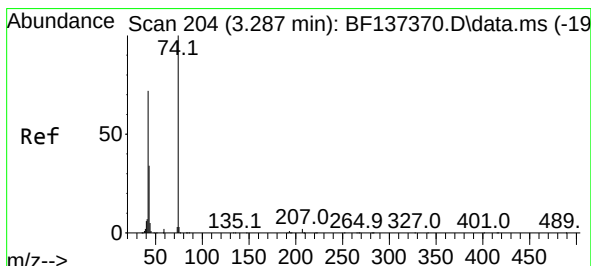
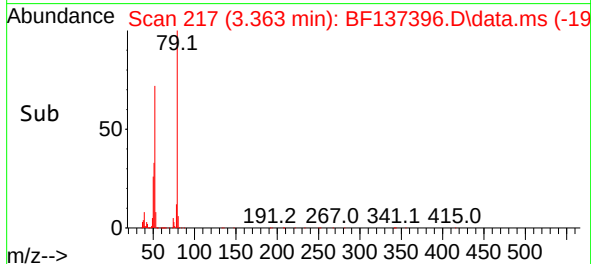
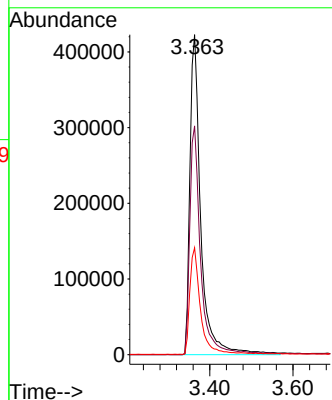
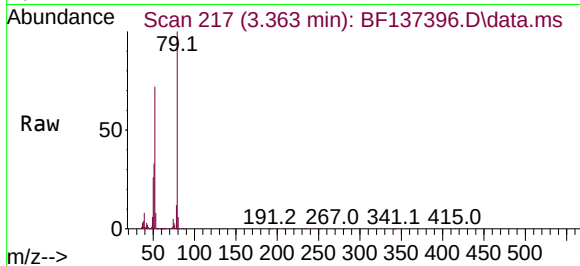




#3
 Pyridine
 Concen: 41.176 ng
 RT: 3.363 min Scan# 213
 Delta R.T. 0.047 min
 Lab File: BF137396.D
 Acq: 26 Feb 2024 20:31

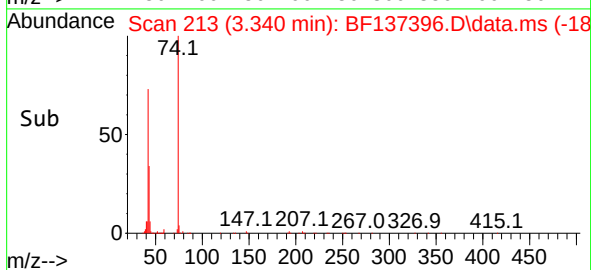
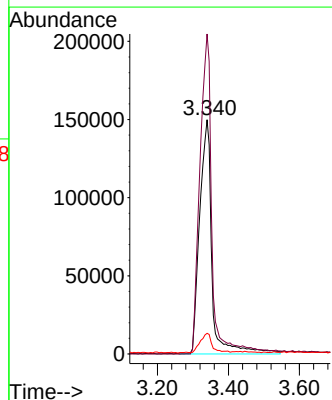
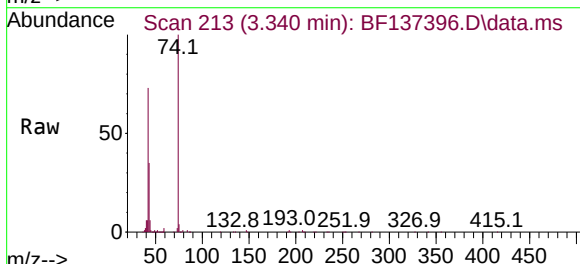
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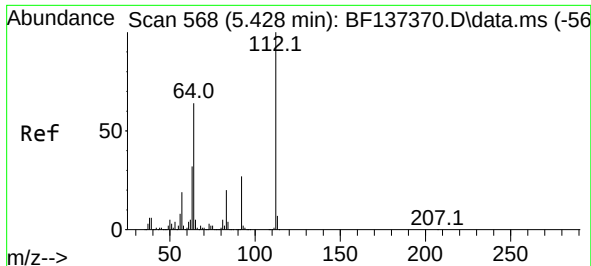
Tgt Ion: 79 Resp: 768999
 Ion Ratio Lower Upper
 79 100
 52 71.5 56.5 84.7
 51 33.4 26.2 39.2



#4
 n-Nitrosodimethylamine
 Concen: 50.752 ng
 RT: 3.340 min Scan# 213
 Delta R.T. 0.053 min
 Lab File: BF137396.D
 Acq: 26 Feb 2024 20:31

Tgt Ion: 42 Resp: 362008
 Ion Ratio Lower Upper
 42 100
 74 136.6 110.8 166.2
 44 8.8 6.0 9.0

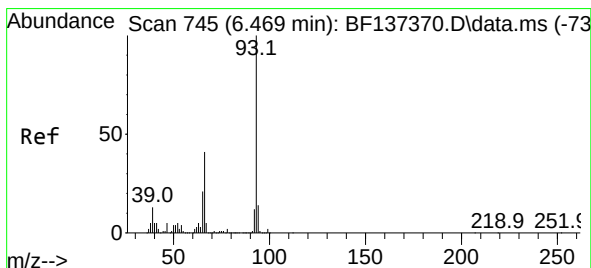
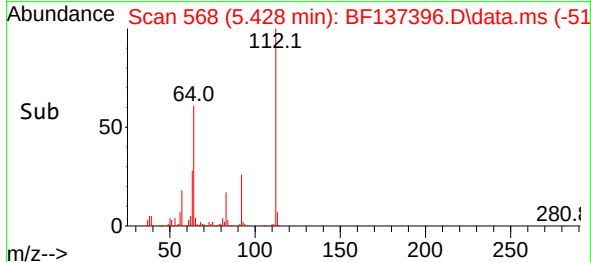
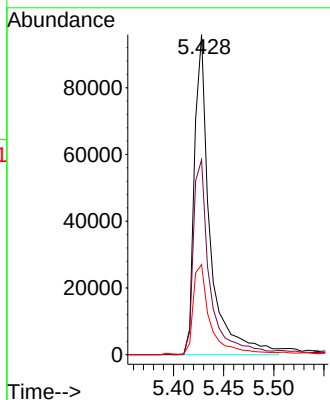
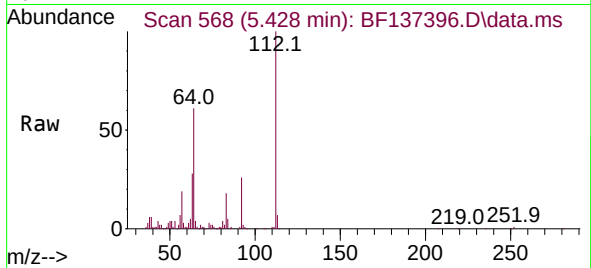




#5
2-Fluorophenol
Concen: 7.754 ng
RT: 5.428 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

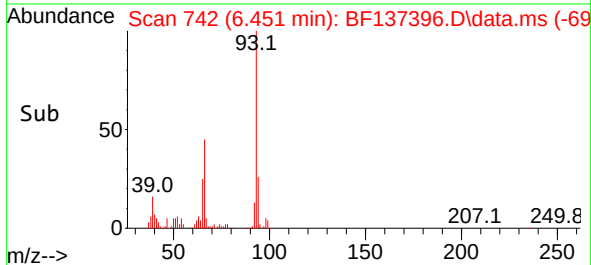
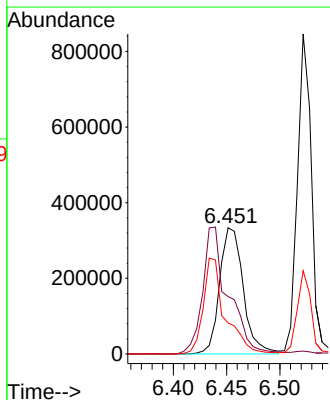
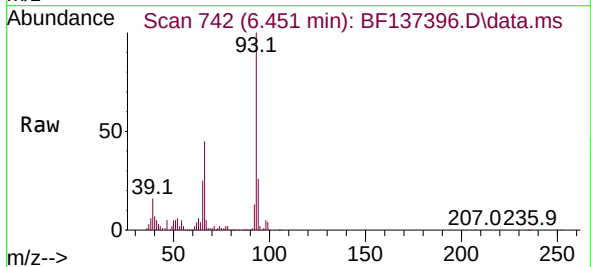
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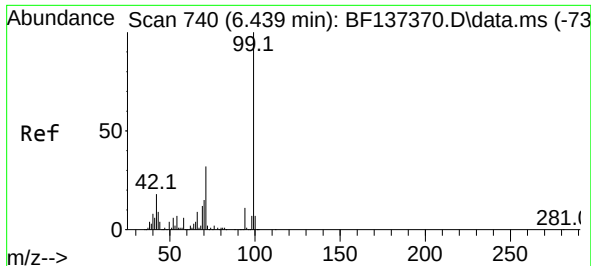
Tgt Ion:112 Resp: 104299
Ion Ratio Lower Upper
112 100
64 60.9 51.0 76.6
63 28.2 25.7 38.5



#6
Aniline
Concen: 21.995 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.018 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

Tgt Ion: 93 Resp: 516083
Ion Ratio Lower Upper
93 100
66 45.5 33.0 49.4
65 24.6 17.0 25.6

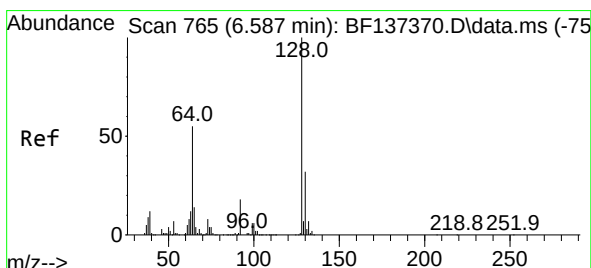
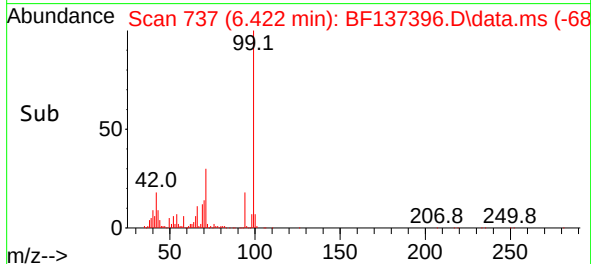
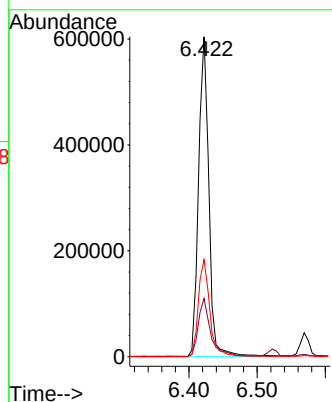
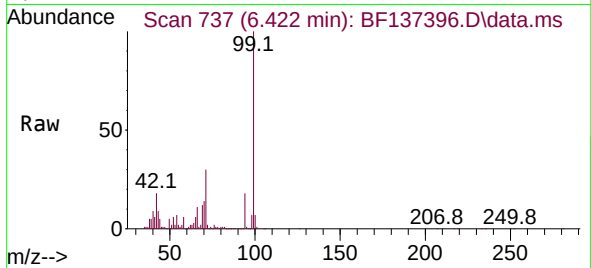




#7
Phenol-d6
Concen: 32.090 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

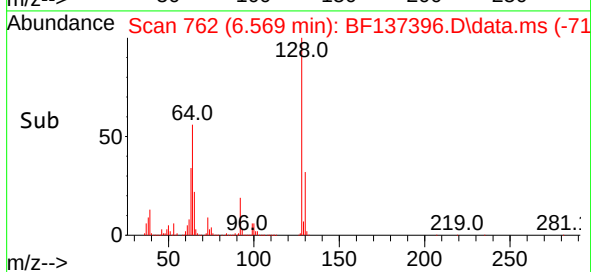
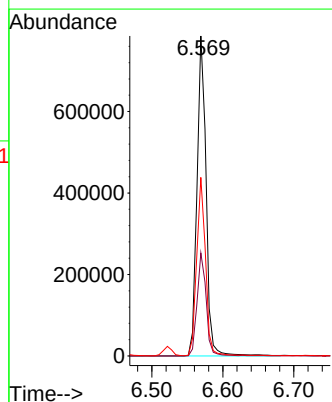
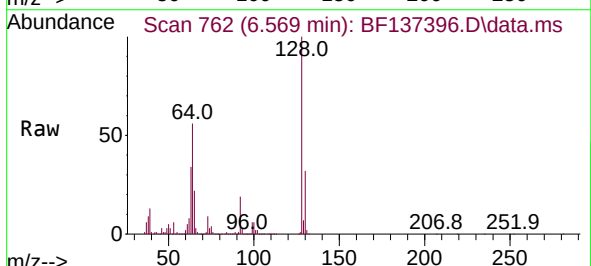
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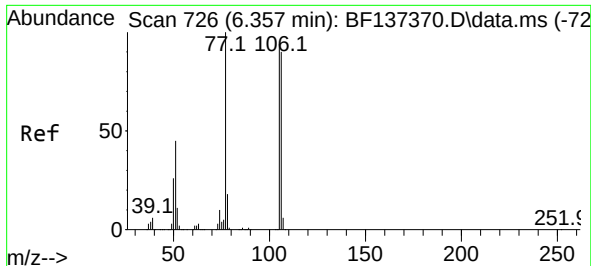
Tgt Ion: 99 Resp: 634918
Ion Ratio Lower Upper
99 100
42 18.2 14.2 21.4
71 30.3 25.2 37.8



#8
2-Chlorophenol
Concen: 48.671 ng
RT: 6.569 min Scan# 762
Delta R.T. -0.018 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

Tgt Ion: 128 Resp: 702142
Ion Ratio Lower Upper
128 100
130 32.2 12.1 52.1
64 55.8 35.3 75.3

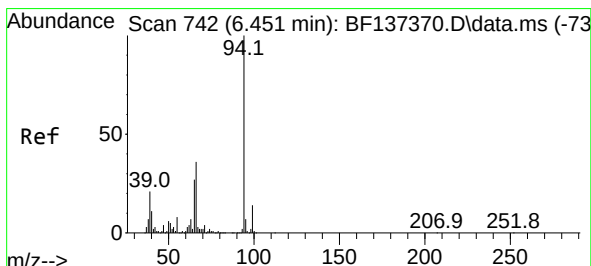
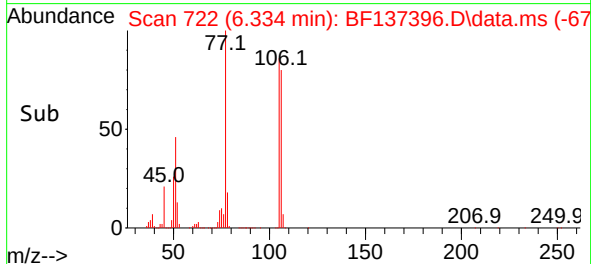
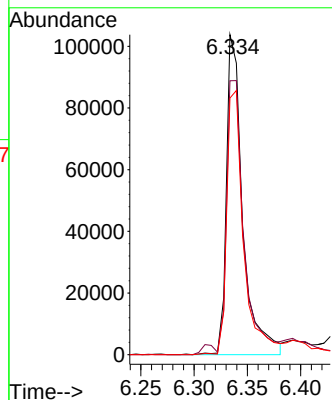
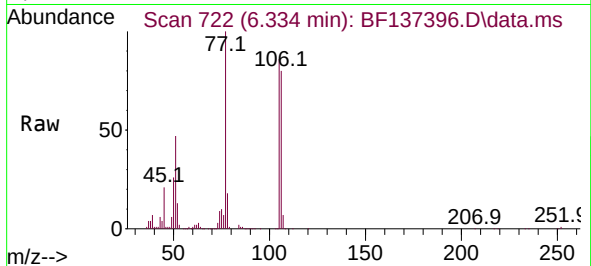




#9
Benzaldehyde
Concen: 11.498 ng
RT: 6.334 min Scan# 710
Delta R.T. -0.023 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

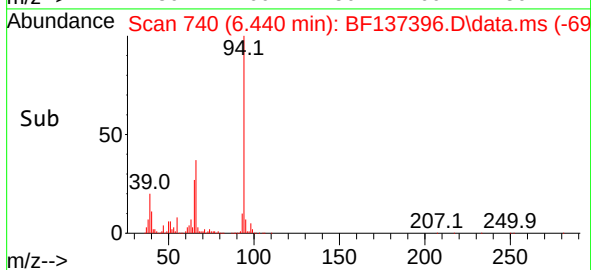
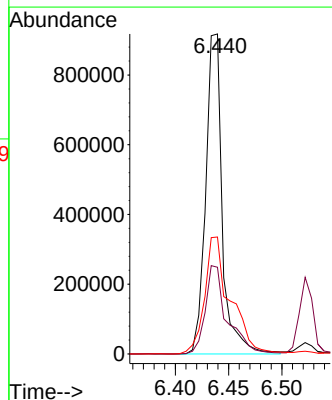
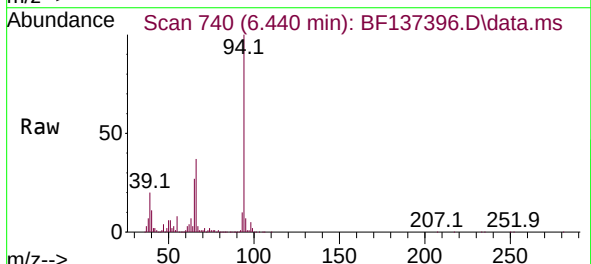
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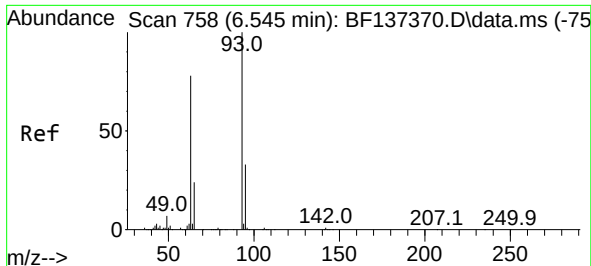
Tgt Ion: 77 Resp: 109527
Ion Ratio Lower Upper
77 100
105 85.6 74.1 114.1
106 80.2 70.2 110.2



#10
Phenol
Concen: 46.236 ng
RT: 6.440 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

Tgt Ion: 94 Resp: 1001186
Ion Ratio Lower Upper
94 100
65 27.1 7.4 47.4
66 36.5 15.6 55.6

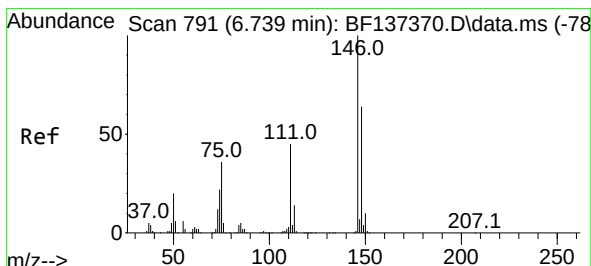
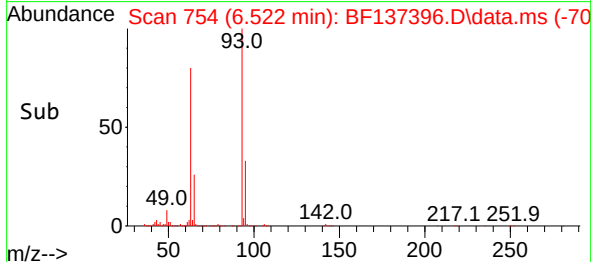
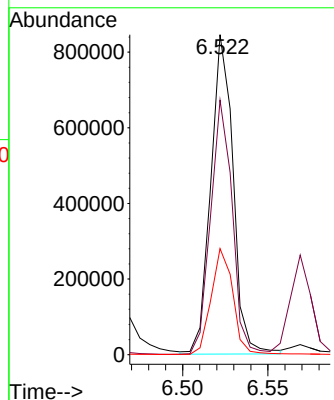
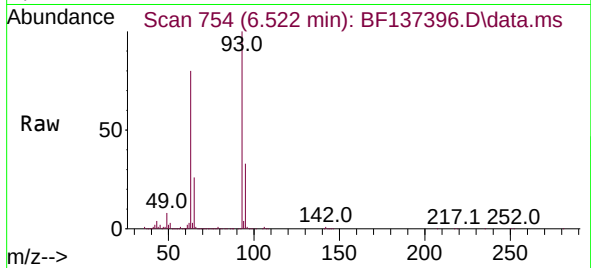




#11
bis(2-Chloroethyl)ether
Concen: 48.890 ng
RT: 6.522 min Scan# 711
Delta R.T. -0.023 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

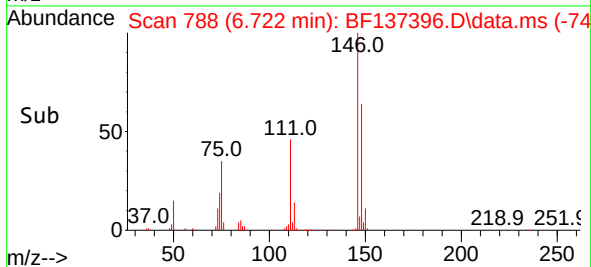
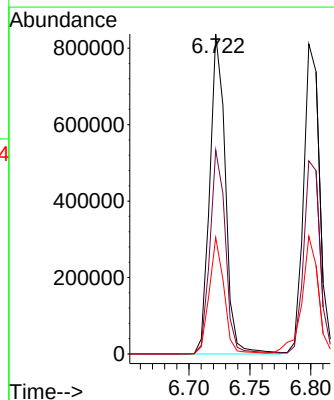
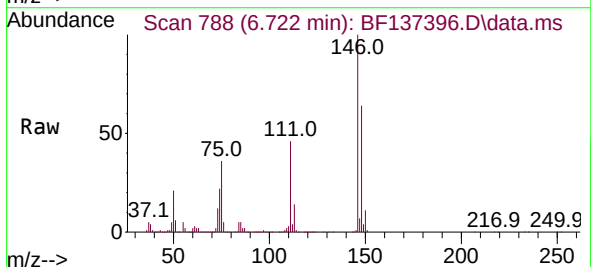
Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

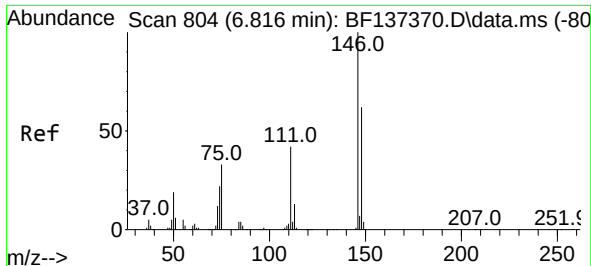
Tgt Ion: 93 Resp: 769267
Ion Ratio Lower Upper
93 100
63 79.6 56.1 96.1
95 33.2 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 48.036 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.018 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

Tgt Ion:146 Resp: 744166
Ion Ratio Lower Upper
146 100
148 63.7 50.9 76.3
75 36.4 28.5 42.7

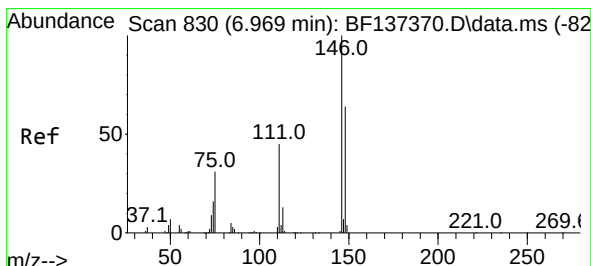
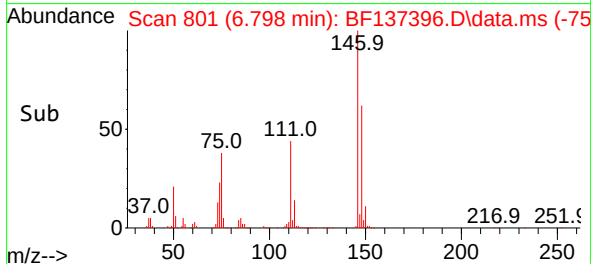
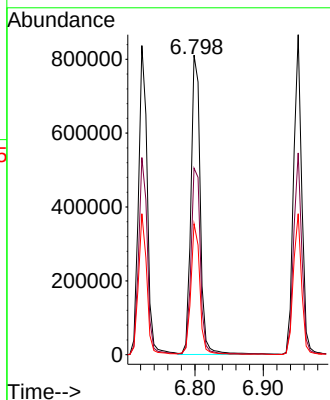
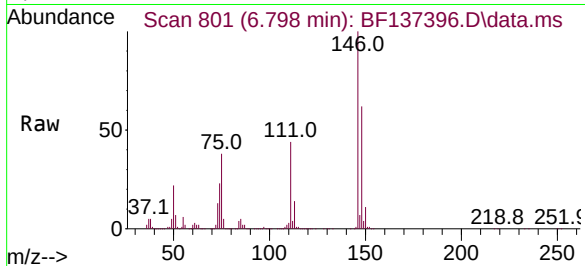




#13
1,4-Dichlorobenzene
Concen: 47.934 ng
RT: 6.798 min Scan# 804
Delta R.T. -0.018 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

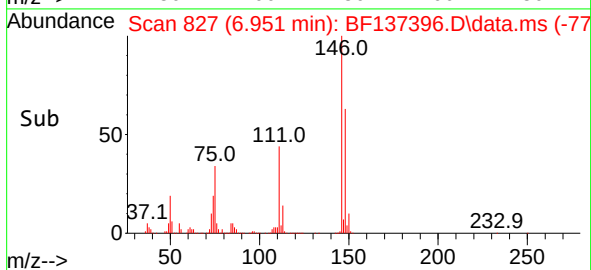
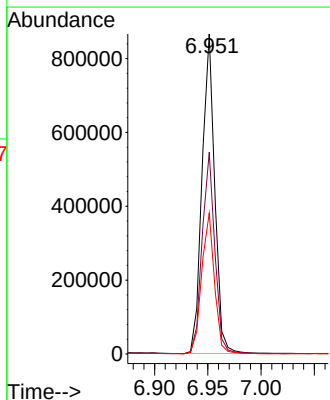
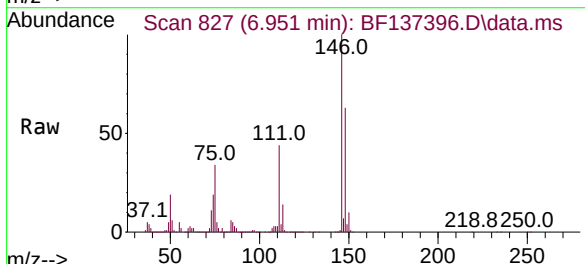
Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

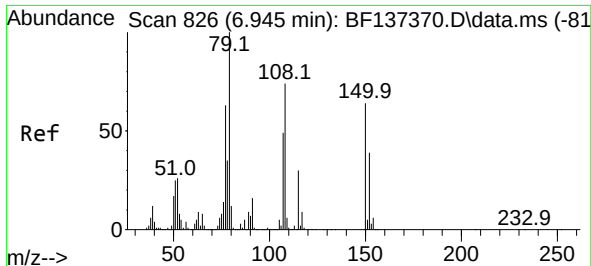
Tgt Ion:146 Resp: 764550
Ion Ratio Lower Upper
146 100
148 62.3 49.9 74.9
111 43.7 34.3 51.5



#14
1,2-Dichlorobenzene
Concen: 48.754 ng
RT: 6.951 min Scan# 827
Delta R.T. -0.018 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

Tgt Ion:146 Resp: 719294
Ion Ratio Lower Upper
146 100
148 63.1 51.4 77.0
111 44.1 36.6 54.8

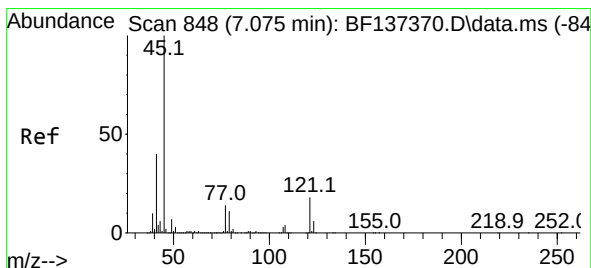
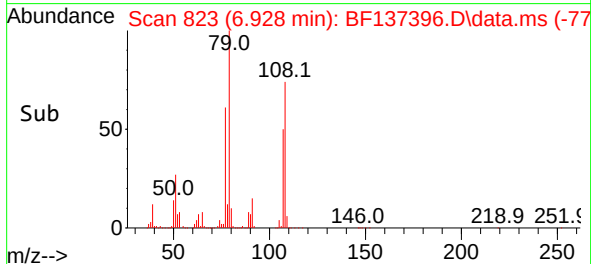
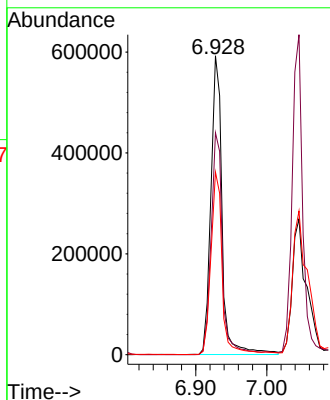
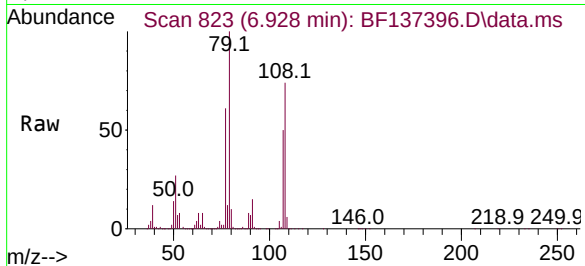




#15
Benzyl Alcohol
Concen: 55.040 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

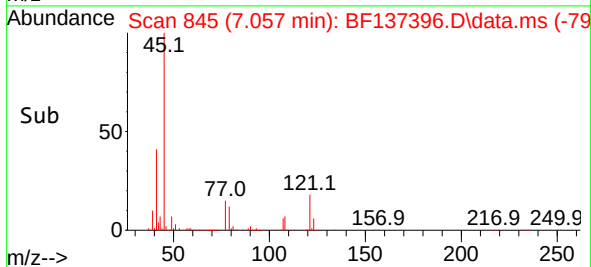
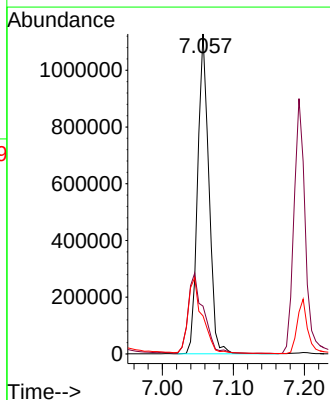
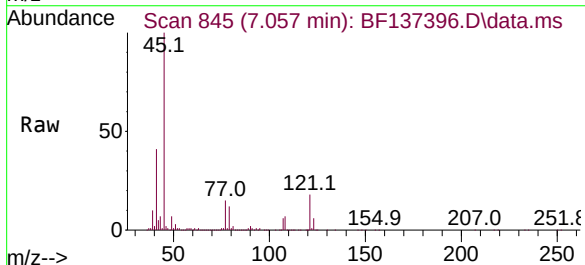
Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

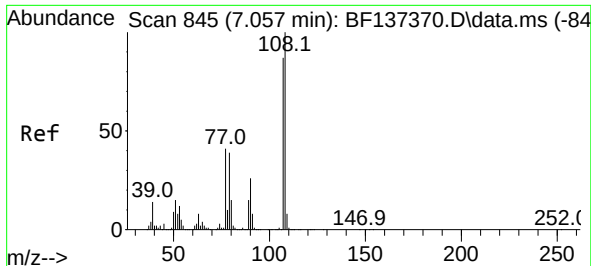
Tgt Ion: 79 Resp: 649149
Ion Ratio Lower Upper
79 100
108 74.3 59.5 89.3
77 61.1 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.455 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.018 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

Tgt Ion: 45 Resp: 1241094
Ion Ratio Lower Upper
45 100
77 15.0 0.0 34.6
79 11.9 0.0 31.6

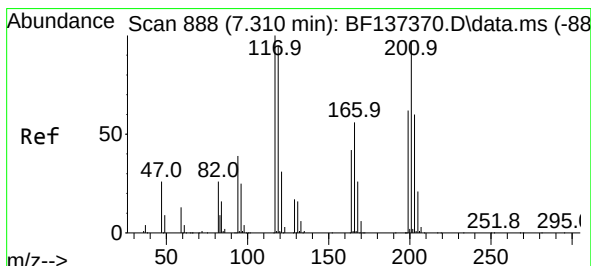
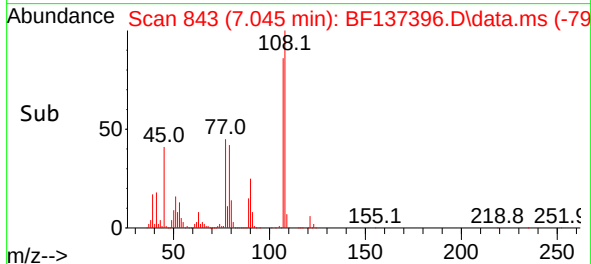
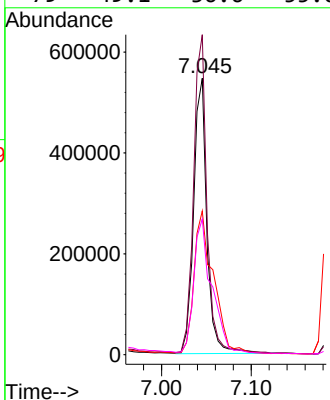
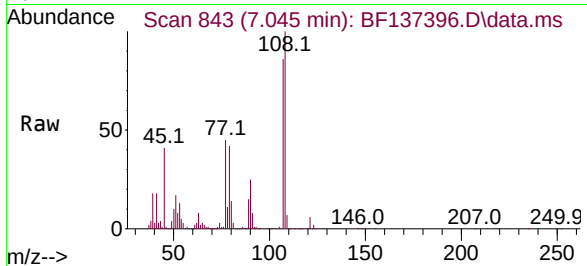




#17
2-Methylphenol
Concen: 41.096 ng
RT: 7.045 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

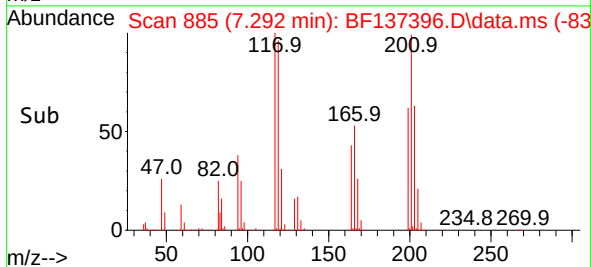
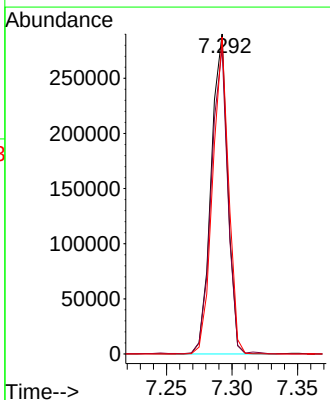
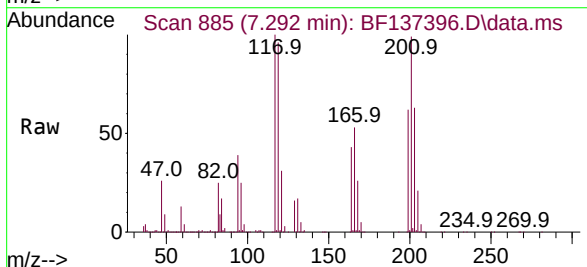
Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

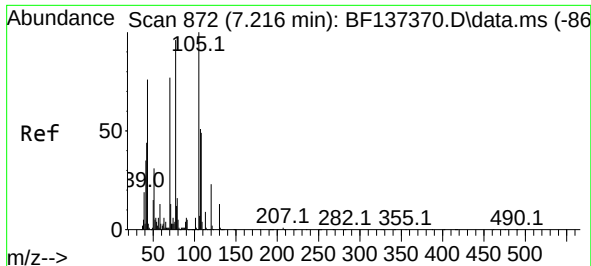
Tgt Ion:	107	Resp:	560945
Ion	Ratio	Lower	Upper
107	100		
108	115.8	92.2	138.4
77	52.0	38.1	57.1
79	49.1	36.6	55.0



#18
Hexachloroethane
Concen: 46.306 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.018 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

Tgt Ion:	117	Resp:	254514
Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.2	114.4
201	99.1	77.6	116.4



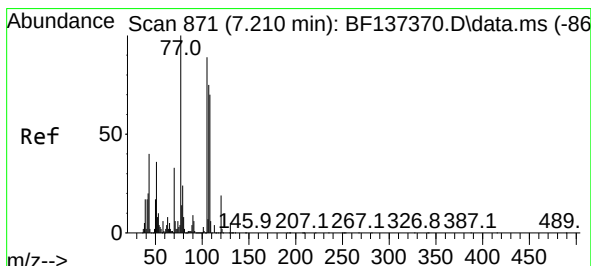
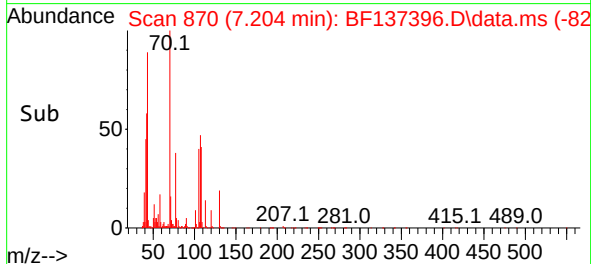
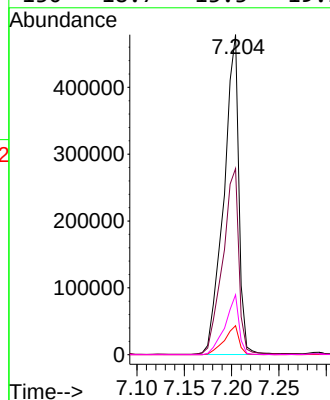
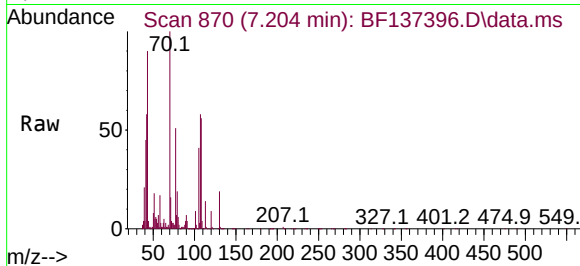


#19
n-Nitroso-di-n-propylamine
Concen: 43.575 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

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

Tgt Ion: 70 Resp: 531286

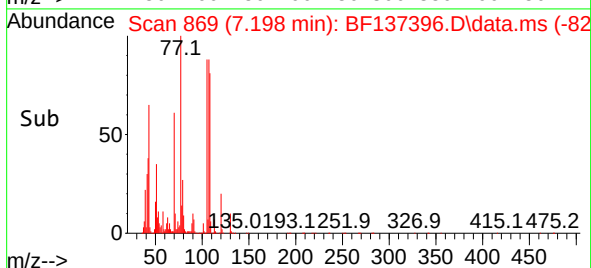
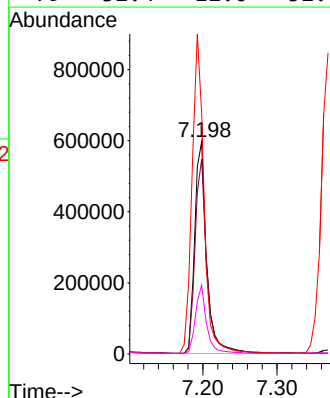
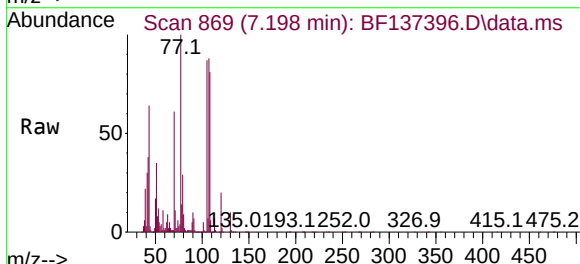
Ion	Ratio	Lower	Upper
70	100		
42	58.2	45.3	67.9
101	9.0	6.5	9.7
130	18.7	13.3	19.9

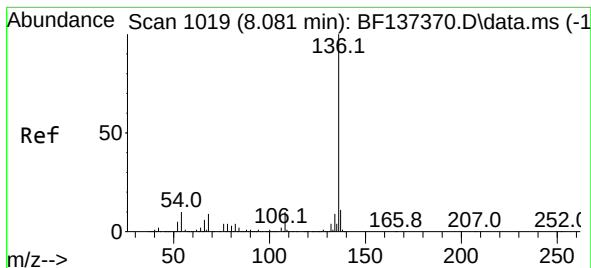


#20
3+4-Methylphenols
Concen: 43.204 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

Tgt Ion: 107 Resp: 672146

Ion	Ratio	Lower	Upper
107	100		
108	91.8	73.1	113.1
77	113.5	113.6	153.6#
79	32.4	12.0	52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.063 min Scan# 1016

Delta R.T. -0.018 min

Lab File: BF137396.D

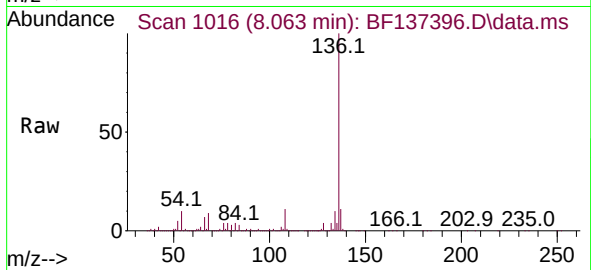
Acq: 26 Feb 2024 20:31

Instrument :

BNA_F

ClientSampleId :

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



Tgt Ion:136 Resp: 782513

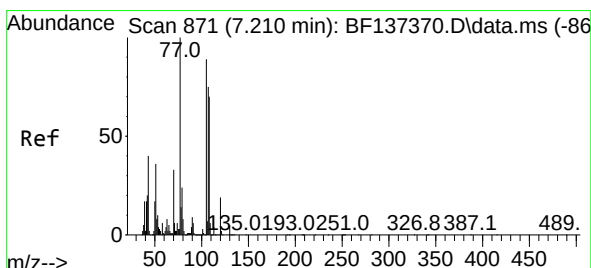
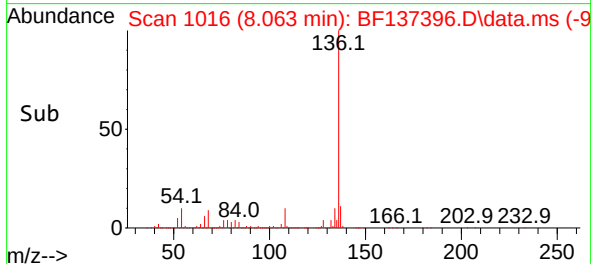
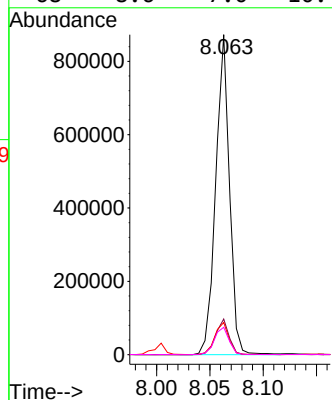
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 10.1 7.8 11.6

68 8.6 7.0 10.4



#22

Acetophenone

Concen: 50.119 ng

RT: 7.192 min Scan# 868

Delta R.T. -0.018 min

Lab File: BF137396.D

Acq: 26 Feb 2024 20:31

Tgt Ion:105 Resp: 951019

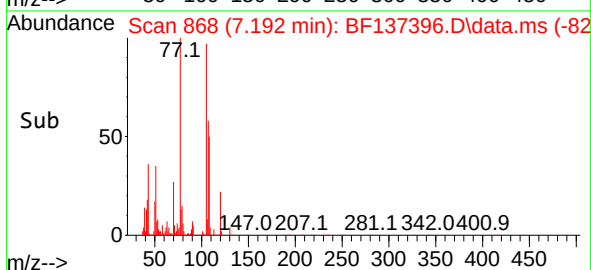
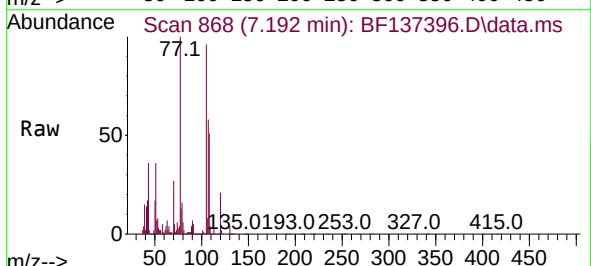
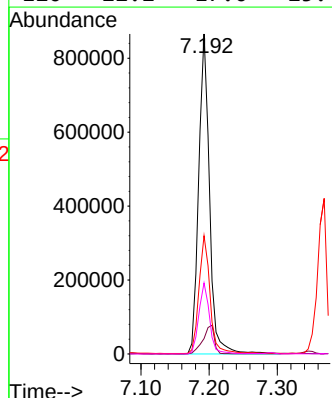
Ion Ratio Lower Upper

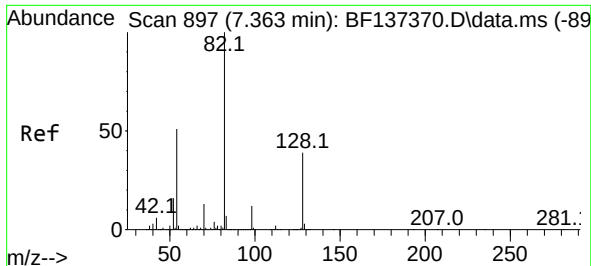
105 100

71 4.8 5.0 7.6#

51 36.9 32.2 48.4

120 22.2 17.0 25.4

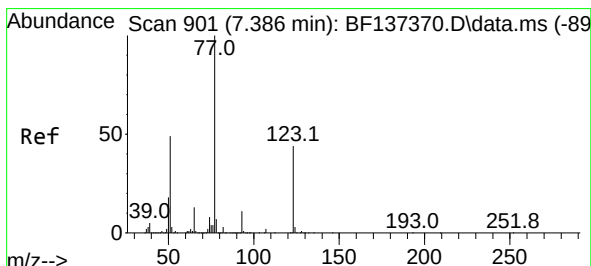
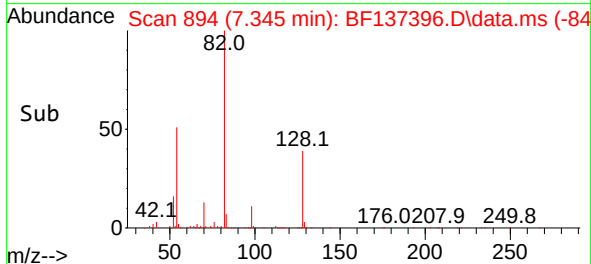
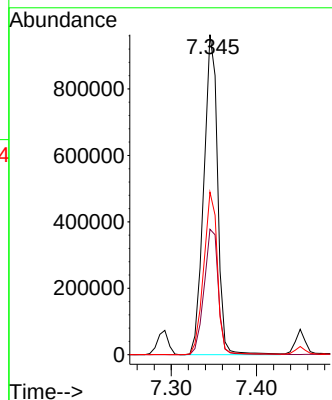
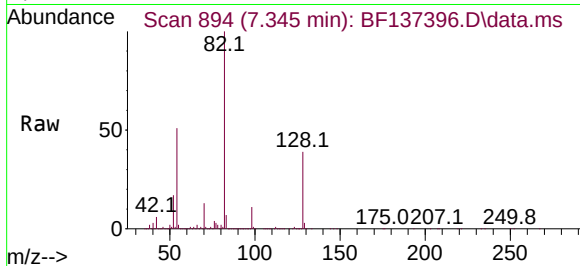




#23
Nitrobenzene-d5
Concen: 69.158 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.018 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

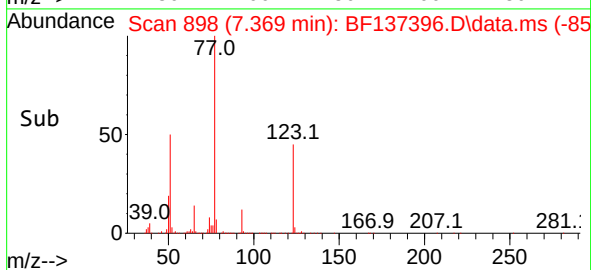
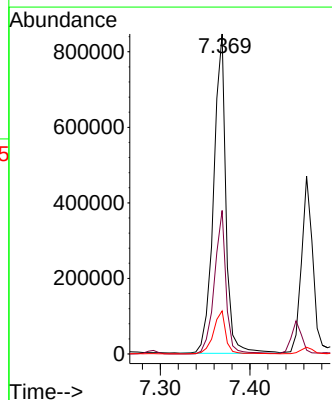
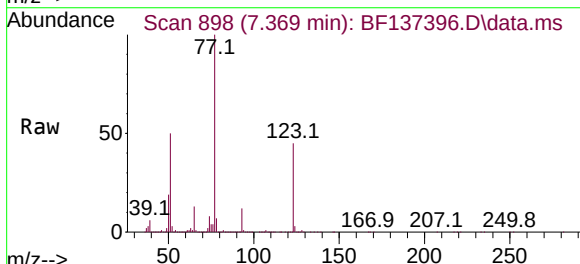
Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

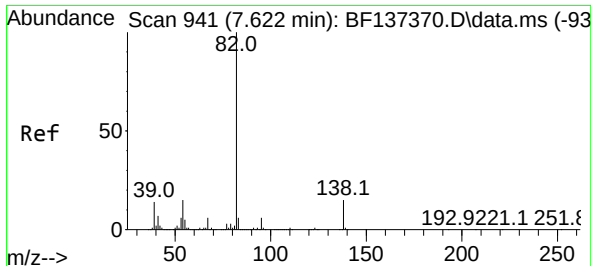
Tgt Ion: 82 Resp: 1083976
Ion Ratio Lower Upper
82 100
128 39.2 30.8 46.2
54 50.8 40.8 61.2



#24
Nitrobenzene
Concen: 50.741 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.018 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

Tgt Ion: 77 Resp: 808129
Ion Ratio Lower Upper
77 100
123 44.9 35.4 53.0
65 13.4 10.3 15.5

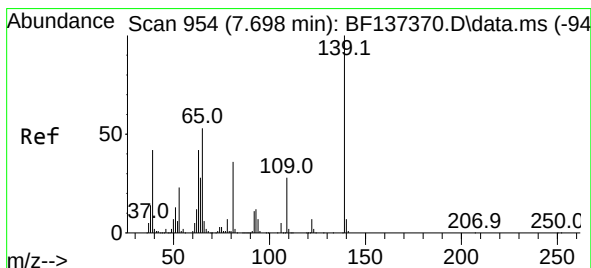
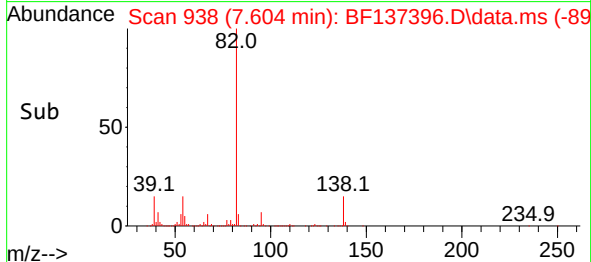
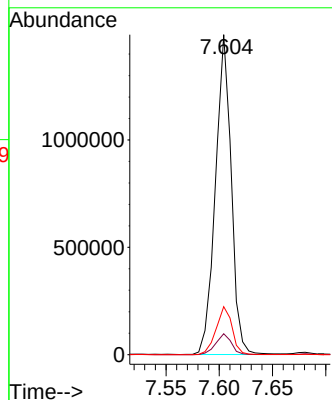
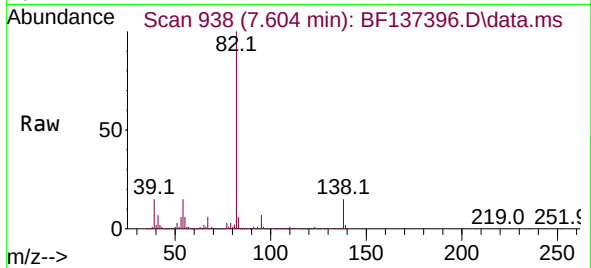




#25
Isophorone
Concen: 47.403 ng
RT: 7.604 min Scan# 911
Delta R.T. -0.018 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

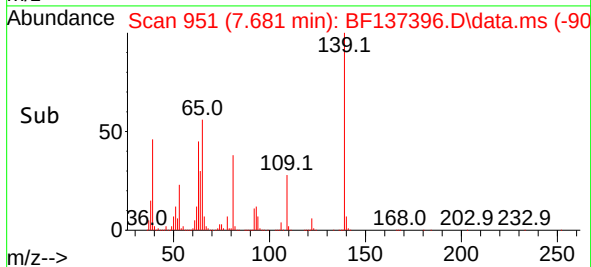
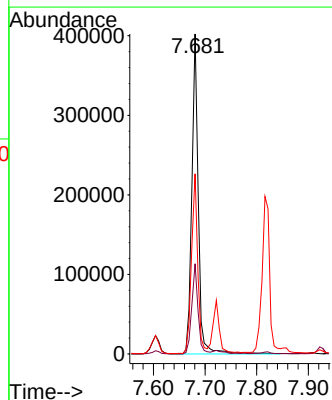
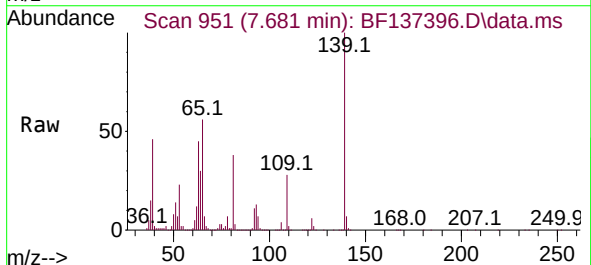
Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

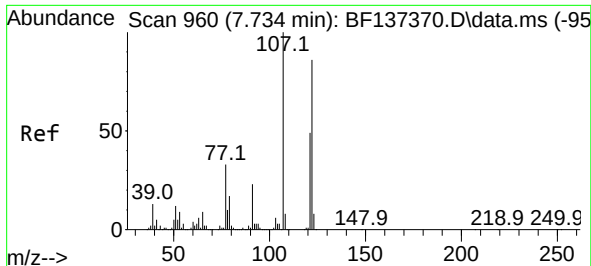
Tgt Ion: 82 Resp: 1536488
Ion Ratio Lower Upper
82 100
95 6.6 5.1 7.7
138 15.0 12.2 18.4



#26
2-Nitrophenol
Concen: 57.140 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.017 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

Tgt Ion:139 Resp: 351323
Ion Ratio Lower Upper
139 100
109 28.2 22.5 33.7
65 56.3 42.3 63.5





#27

2,4-Dimethylphenol

Concen: 41.836 ng

RT: 7.722 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF137396.D

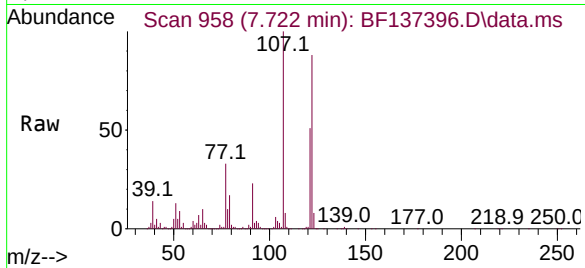
Acq: 26 Feb 2024 20:31

Instrument :

BNA_F

ClientSampleId :

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



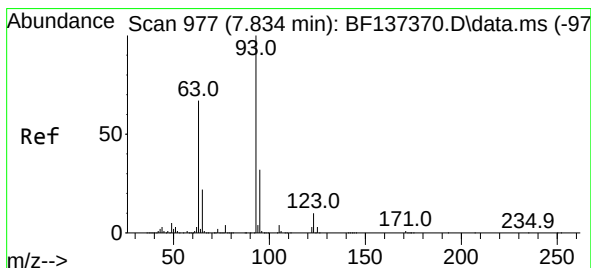
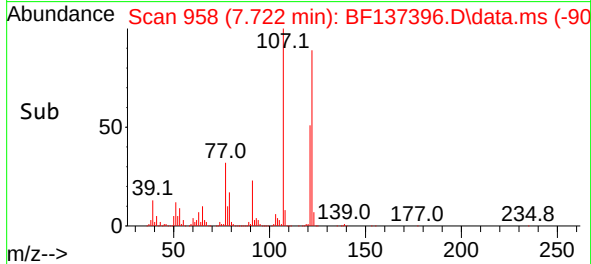
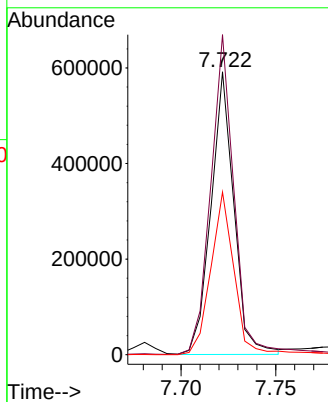
Tgt Ion:122 Resp: 498718

Ion Ratio Lower Upper

122 100

107 113.2 92.7 139.1

121 57.5 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 48.962 ng

RT: 7.816 min Scan# 974

Delta R.T. -0.018 min

Lab File: BF137396.D

Acq: 26 Feb 2024 20:31

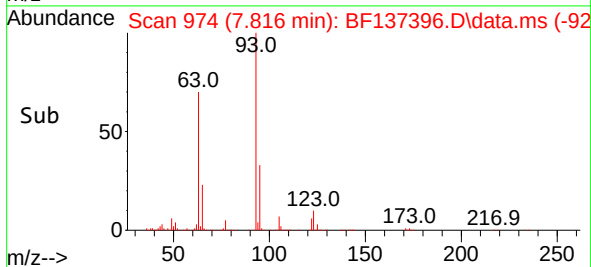
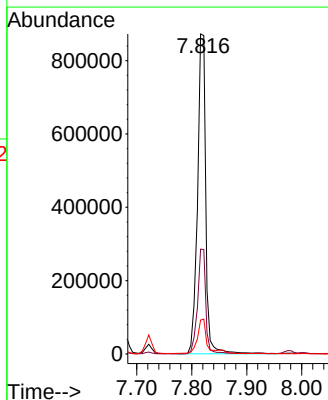
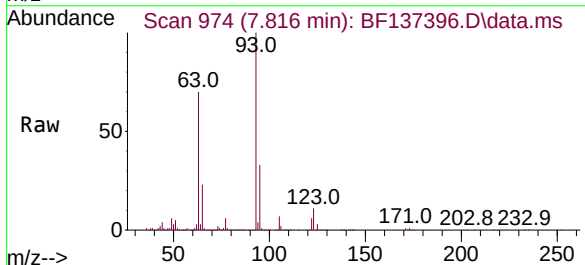
Tgt Ion: 93 Resp: 914742

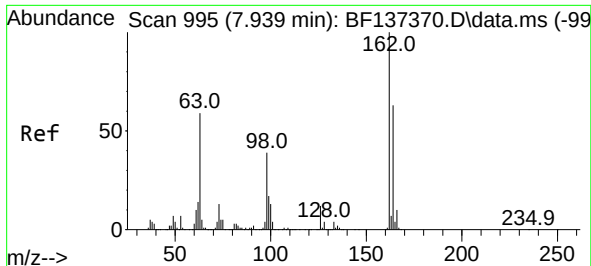
Ion Ratio Lower Upper

93 100

95 32.8 25.9 38.9

123 10.6 8.2 12.4

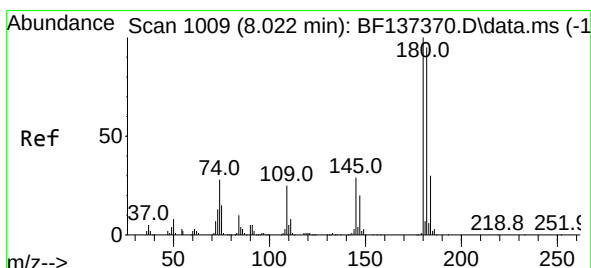
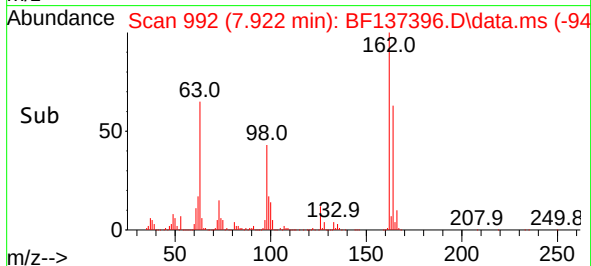
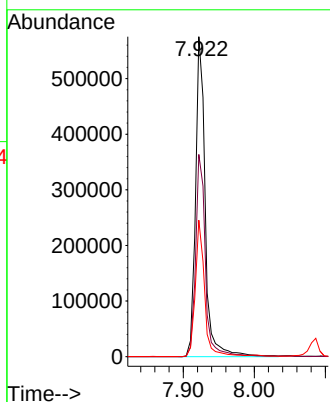
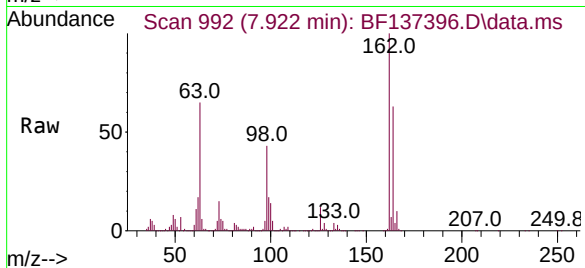




#29
2,4-Dichlorophenol
Concen: 48.935 ng
RT: 7.922 min Scan# 995
Delta R.T. -0.018 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

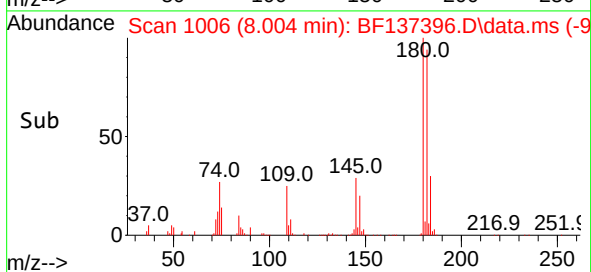
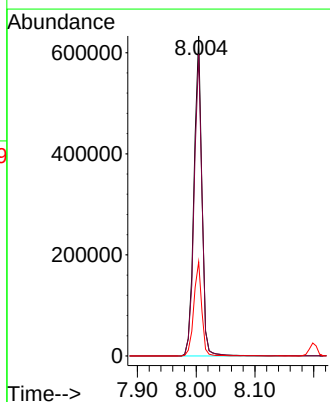
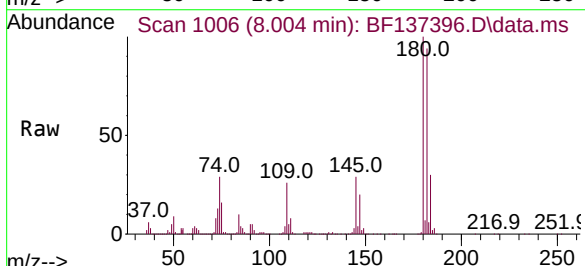
Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

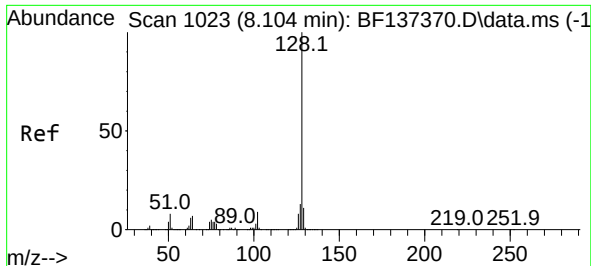
Tgt Ion:162 Resp: 546733
Ion Ratio Lower Upper
162 100
164 63.2 43.1 83.1
98 42.6 19.0 59.0



#30
1,2,4-Trichlorobenzene
Concen: 49.276 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.018 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

Tgt Ion:180 Resp: 590940
Ion Ratio Lower Upper
180 100
182 94.2 75.8 113.6
145 29.4 23.4 35.0

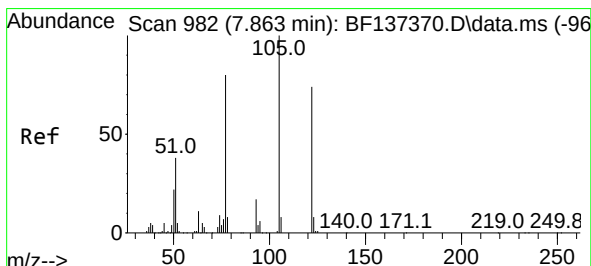
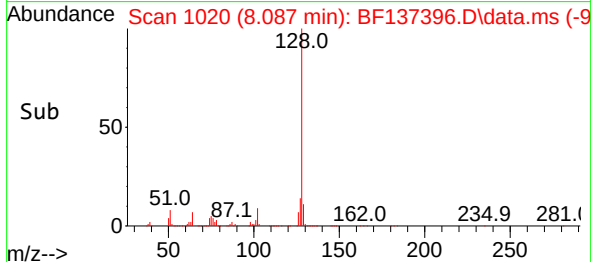
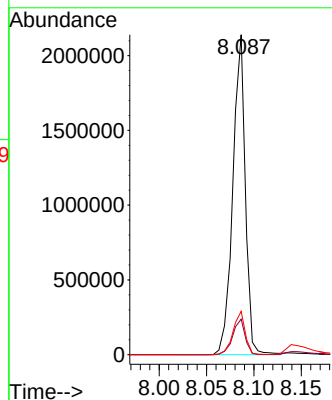
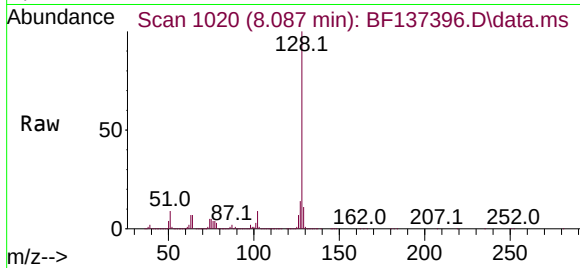




#31
Naphthalene
Concen: 46.908 ng
RT: 8.087 min Scan# 1023
Delta R.T. -0.017 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

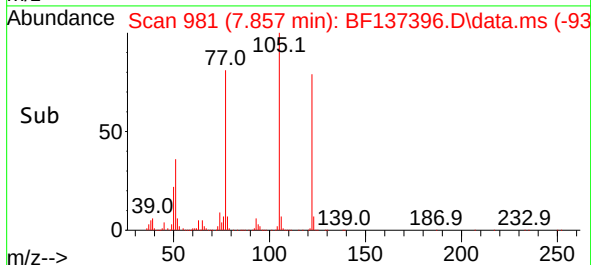
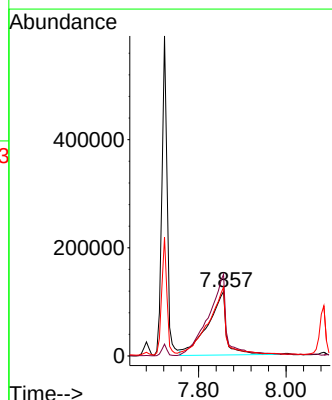
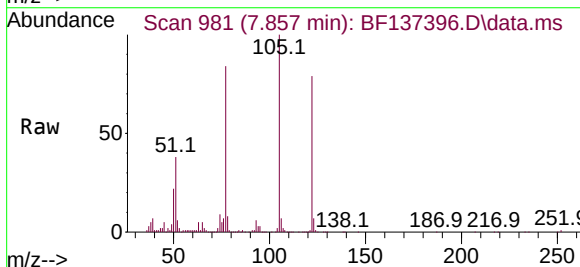
Instrument : BNA_F
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

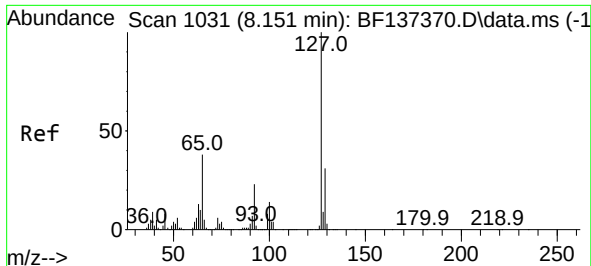
Tgt Ion:128 Resp: 1969832
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.6 10.6 16.0



#32
Benzoic acid
Concen: 48.567 ng
RT: 7.857 min Scan# 981
Delta R.T. -0.006 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

Tgt Ion:122 Resp: 354970
Ion Ratio Lower Upper
122 100
105 126.8 101.1 141.1
77 107.1 82.8 122.8





#33

4-Chloroaniline

Concen: 7.617 ng

RT: 8.139 min Scan# 1031

Delta R.T. -0.012 min

Lab File: BF137396.D

Acq: 26 Feb 2024 20:31

Instrument :

BNA_F

ClientSampleId :

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

Tgt Ion:127 Resp: 121664

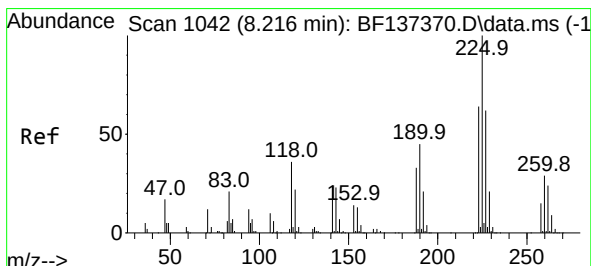
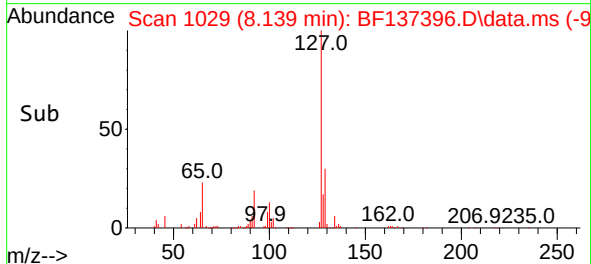
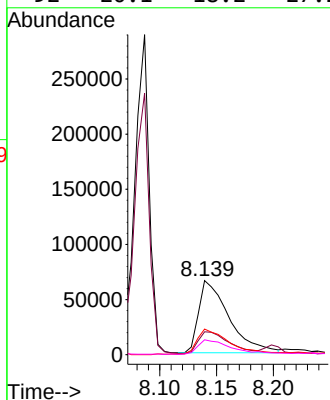
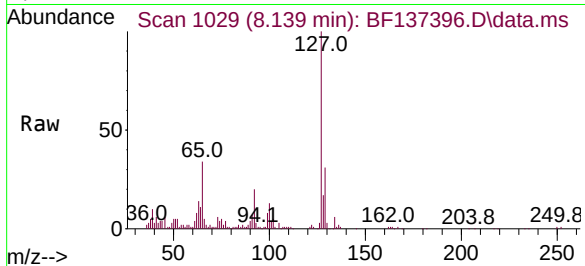
Ion Ratio Lower Upper

127 100

129 30.8 25.0 37.6

65 34.4 30.4 45.6

92 20.1 18.2 27.2



#34

Hexachlorobutadiene

Concen: 48.912 ng

RT: 8.198 min Scan# 1039

Delta R.T. -0.018 min

Lab File: BF137396.D

Acq: 26 Feb 2024 20:31

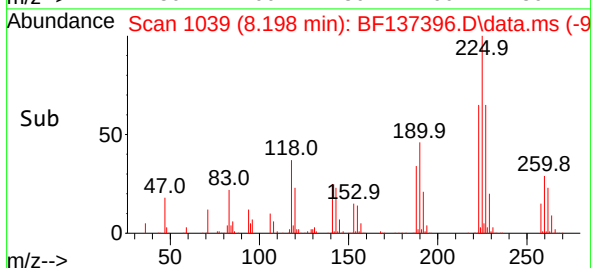
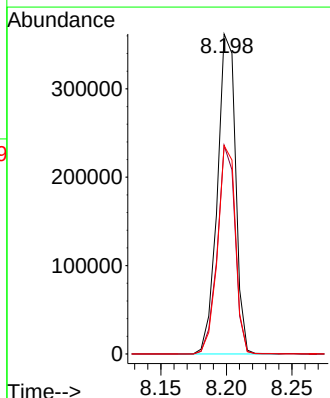
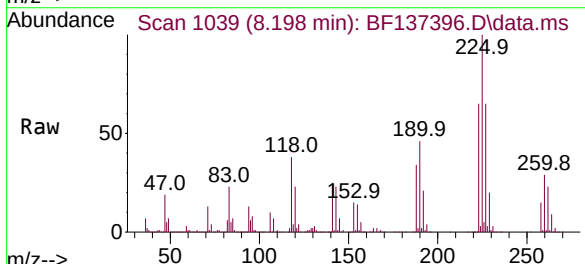
Tgt Ion:225 Resp: 348464

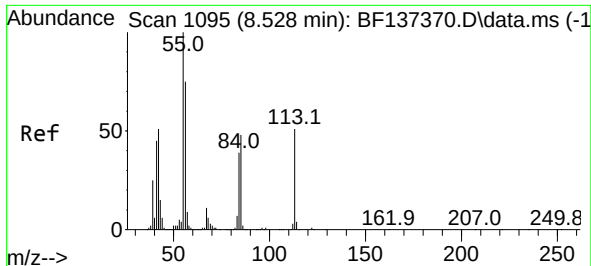
Ion Ratio Lower Upper

225 100

223 65.2 51.4 77.0

227 65.1 49.8 74.6

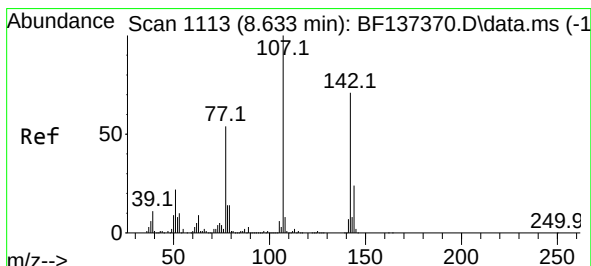
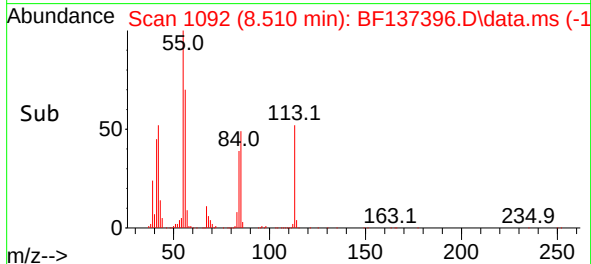
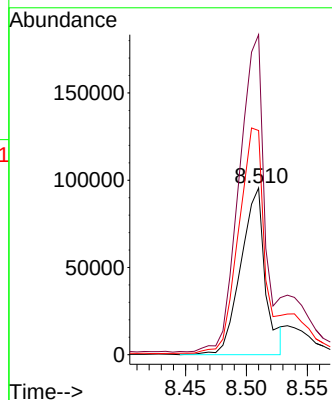
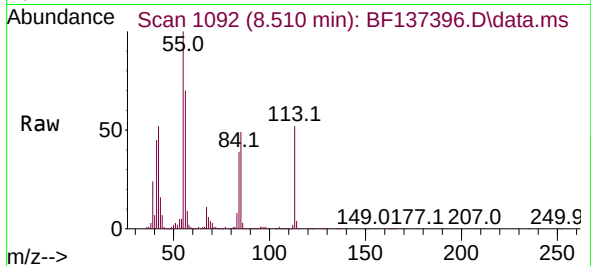




#35
Caprolactam
Concen: 38.635 ng
RT: 8.510 min Scan# 1092
Delta R.T. -0.018 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

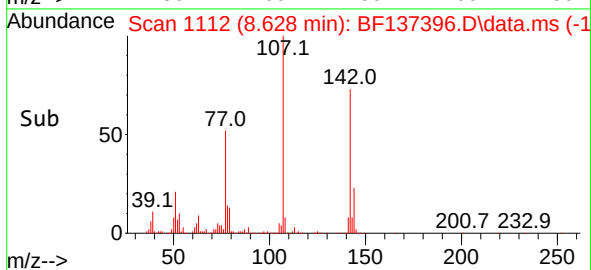
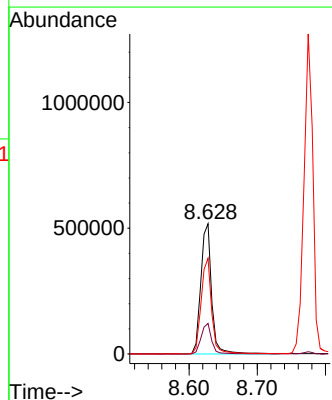
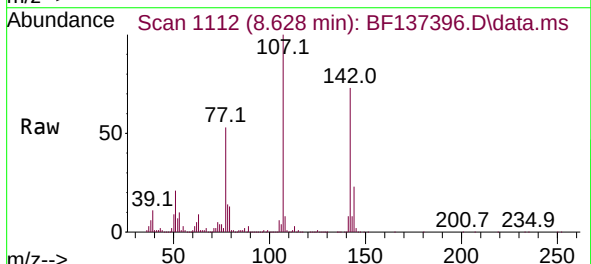
Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

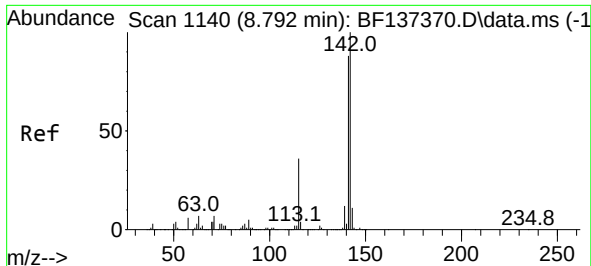
Tgt Ion:113 Resp: 133489
Ion Ratio Lower Upper
113 100
55 191.9 176.3 216.3
56 134.4 127.6 167.6



#36
4-Chloro-3-methylphenol
Concen: 44.944 ng
RT: 8.628 min Scan# 1112
Delta R.T. -0.005 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

Tgt Ion:107 Resp: 569283
Ion Ratio Lower Upper
107 100
144 23.5 18.9 28.3
142 73.5 56.6 85.0





#37

2-Methylnaphthalene

Concen: 43.198 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.018 min

Lab File: BF137396.D

Acq: 26 Feb 2024 20:31

Instrument :

BNA_F

ClientSampleId :

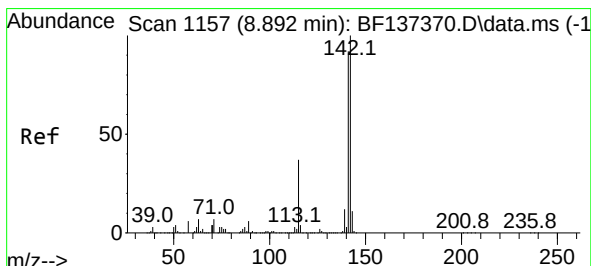
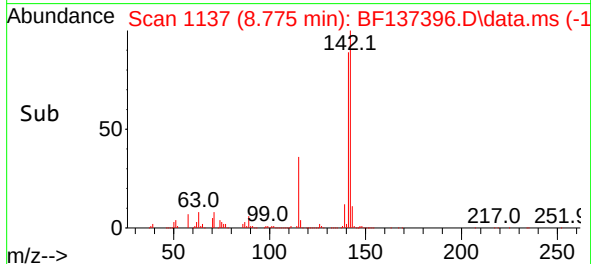
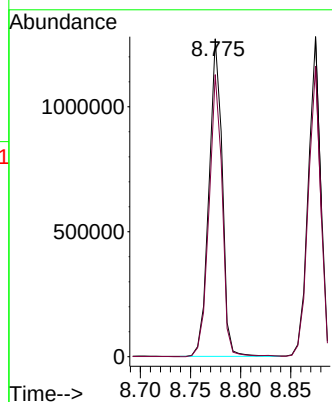
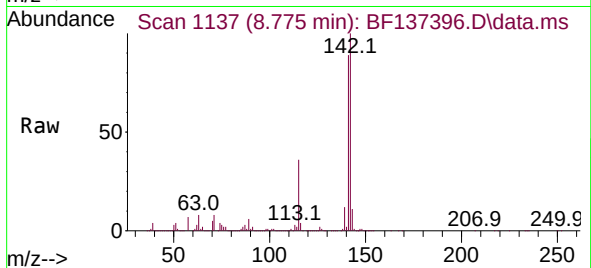
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

Tgt Ion:142 Resp: 1168912

Ion Ratio Lower Upper

142 100

141 88.7 70.3 105.5



#38

1-Methylnaphthalene

Concen: 42.675 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.018 min

Lab File: BF137396.D

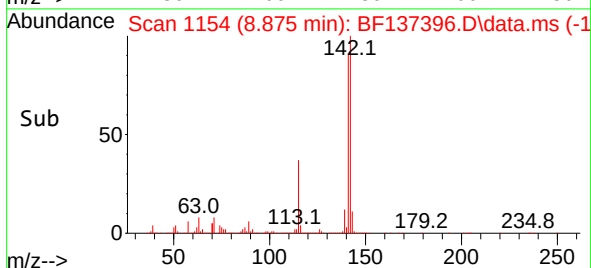
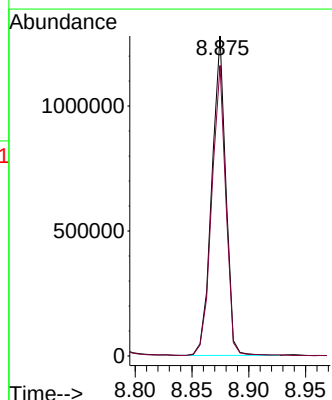
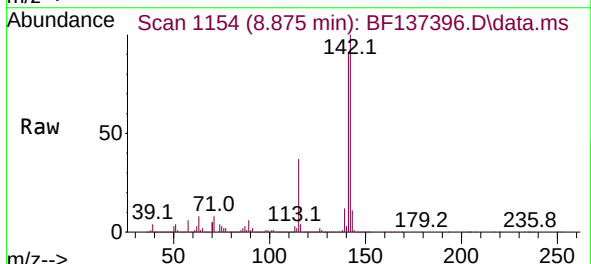
Acq: 26 Feb 2024 20:31

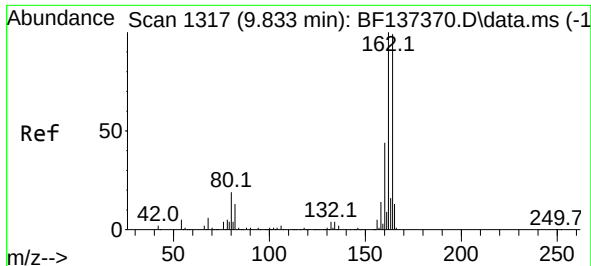
Tgt Ion:142 Resp: 1091792

Ion Ratio Lower Upper

142 100

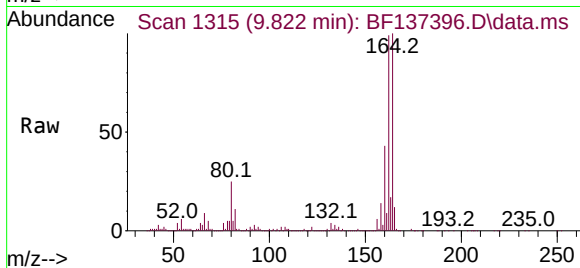
141 90.8 73.2 109.8



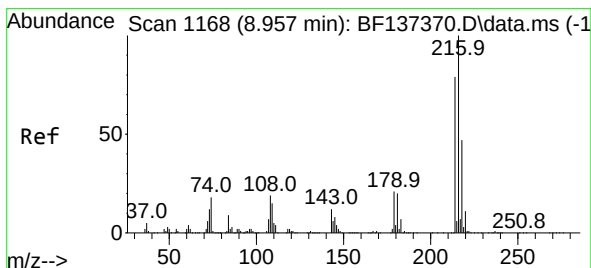
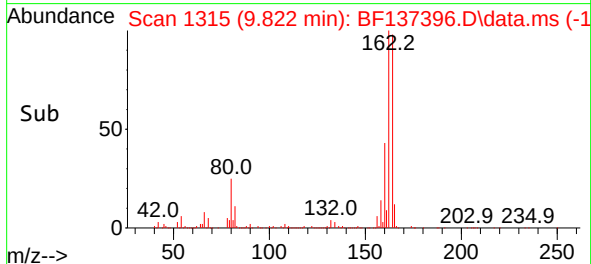
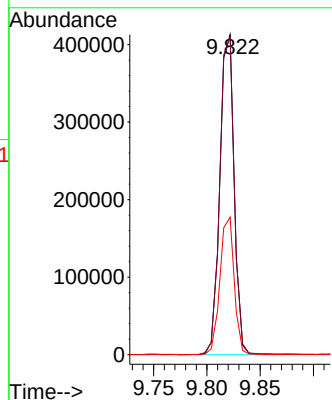


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

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

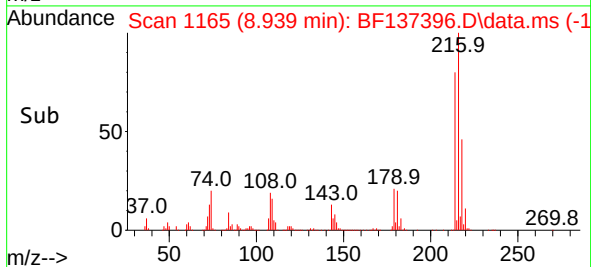
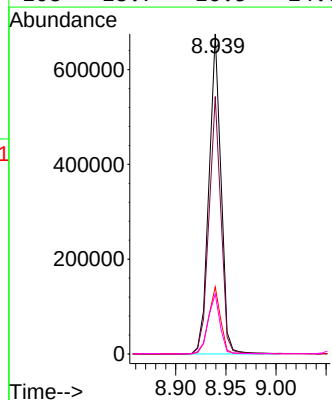
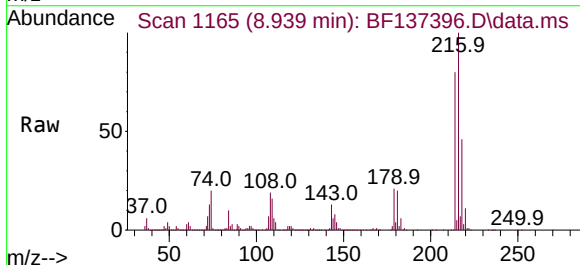


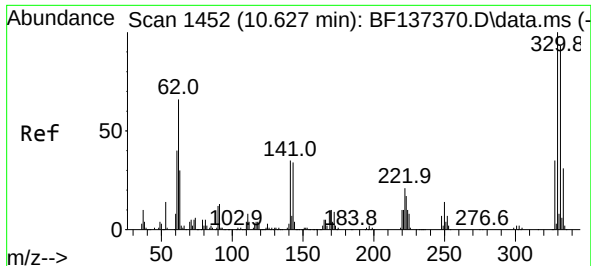
Tgt Ion:164 Resp: 383489
Ion Ratio Lower Upper
164 100
162 99.4 81.2 121.8
160 42.9 35.7 53.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.420 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.018 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

Tgt Ion:216 Resp: 564245
Ion Ratio Lower Upper
216 100
214 80.4 62.3 93.5
179 20.7 16.5 24.7
108 18.7 16.5 24.7





#42

2,4,6-Tribromophenol

Concen: 3.559 ng

RT: 10.610 min Scan# 1452

Delta R.T. -0.018 min

Lab File: BF137396.D

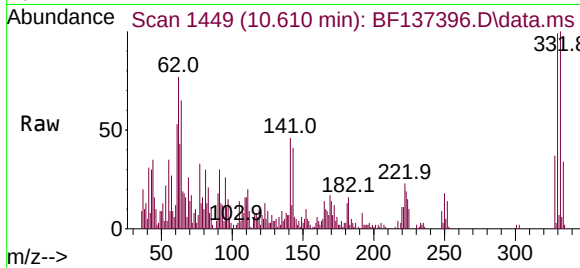
Acq: 26 Feb 2024 20:31

Instrument :

BNA_F

ClientSampleId :

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



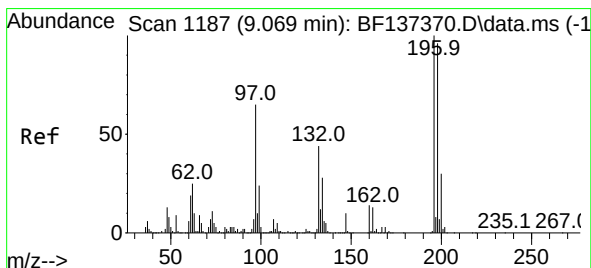
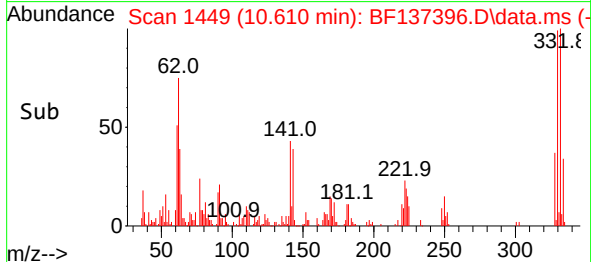
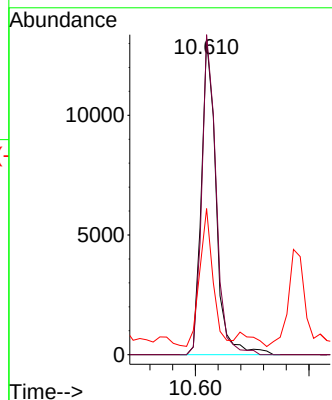
Tgt Ion:330 Resp: 11884

Ion Ratio Lower Upper

330 100

332 98.4 75.6 113.4

141 0.0 28.6 42.8#



#43

2,4,6-Trichlorophenol

Concen: 51.794 ng

RT: 9.057 min Scan# 1185

Delta R.T. -0.012 min

Lab File: BF137396.D

Acq: 26 Feb 2024 20:31

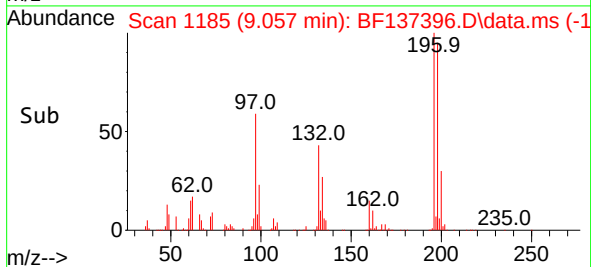
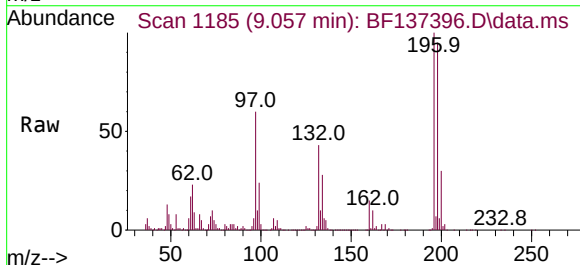
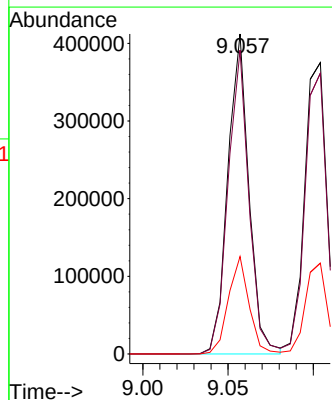
Tgt Ion:196 Resp: 354710

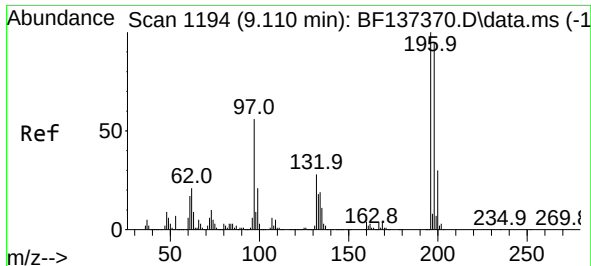
Ion Ratio Lower Upper

196 100

198 94.9 77.0 115.4

200 30.4 24.3 36.5

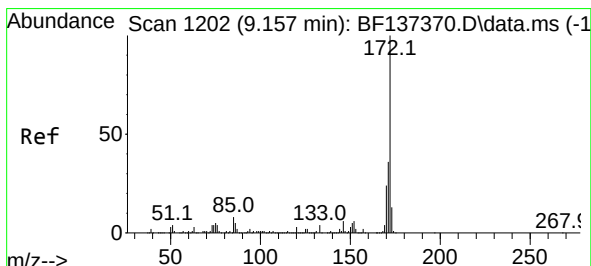
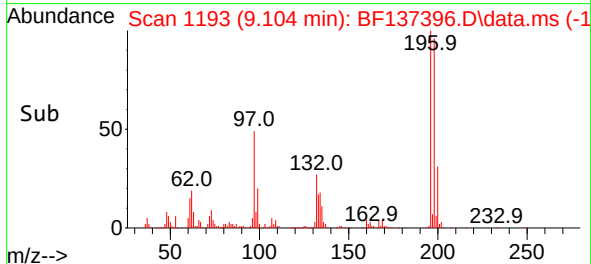
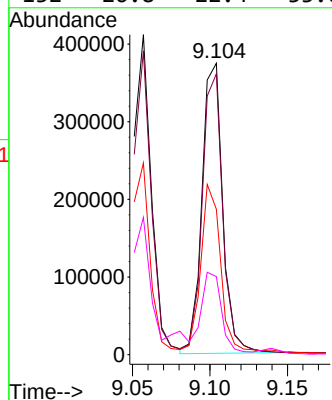
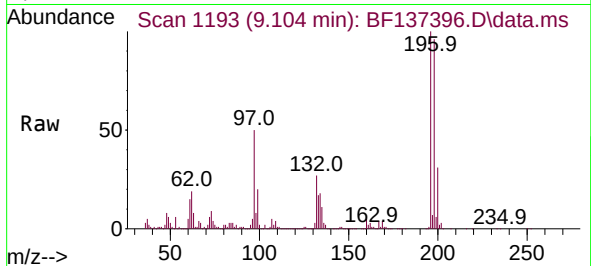




#44
2,4,5-Trichlorophenol
Concen: 44.414 ng
RT: 9.104 min Scan# 1194
Delta R.T. -0.006 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

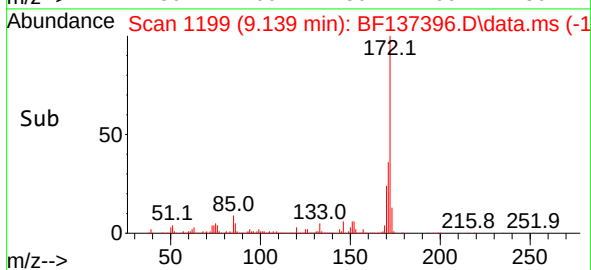
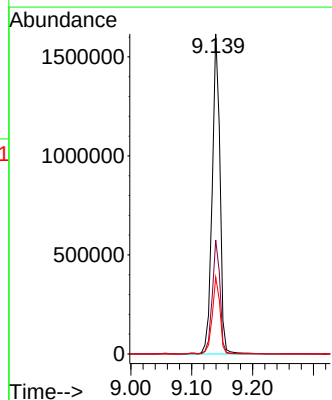
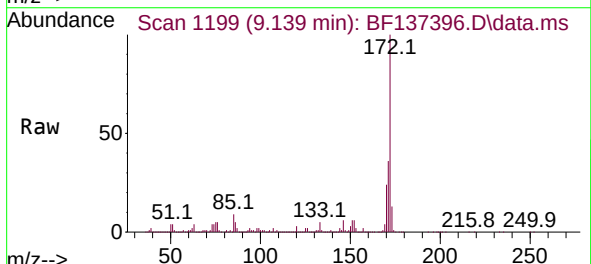
Instrument : BNA_F
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

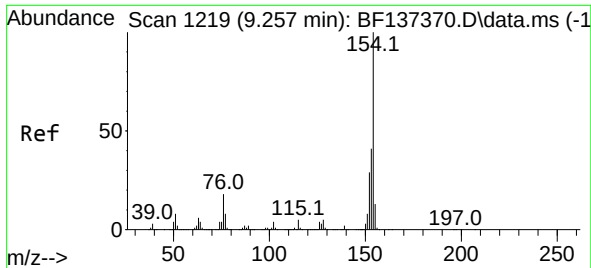
Tgt Ion:196	Resp: 348960
Ion Ratio	Lower Upper
196	100
198	96.4 75.6 113.4
97	49.9 44.6 66.8
132	26.8 22.4 33.6



#45
2-Fluorobiphenyl
Concen: 58.493 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.018 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

Tgt Ion:172	Resp: 1440831
Ion Ratio	Lower Upper
172	100
171	35.6 28.7 43.1
170	24.0 19.5 29.3

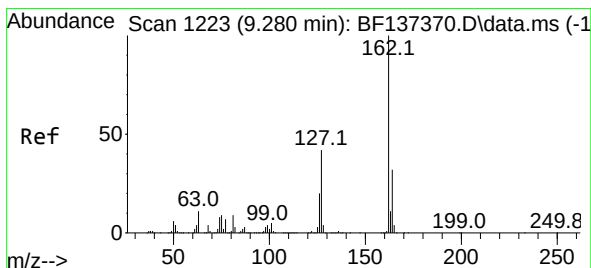
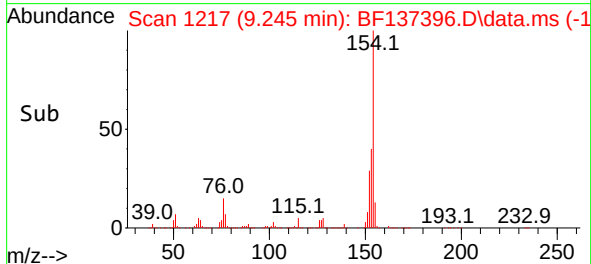
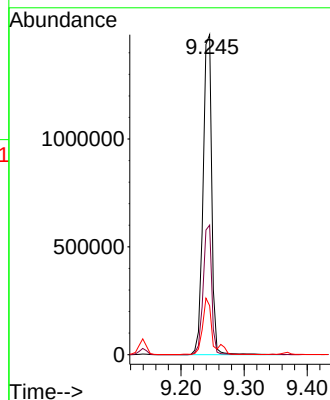
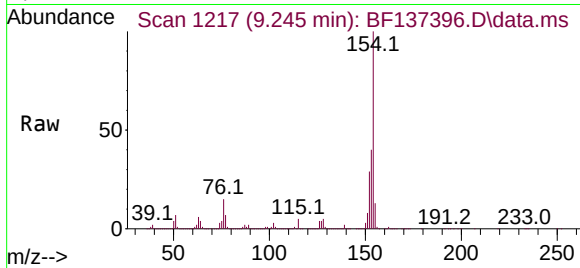




#46
1,1'-Biphenyl
Concen: 50.572 ng
RT: 9.245 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

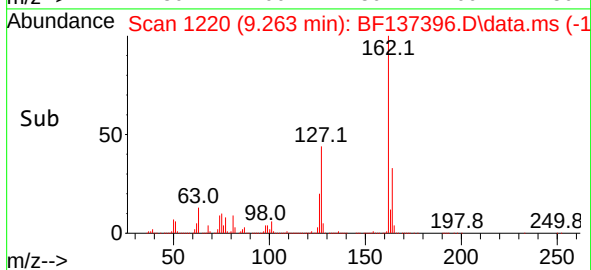
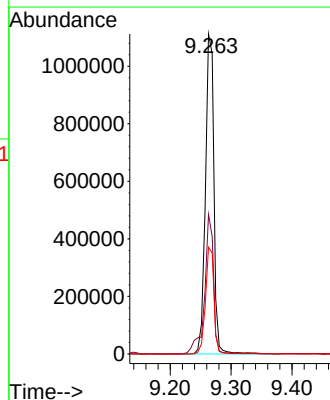
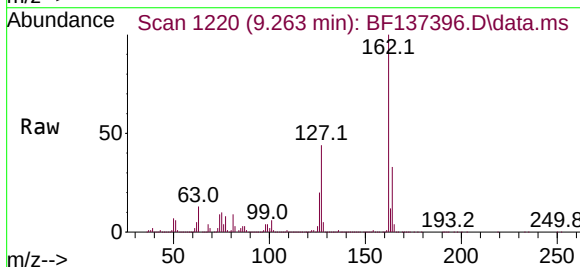
Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

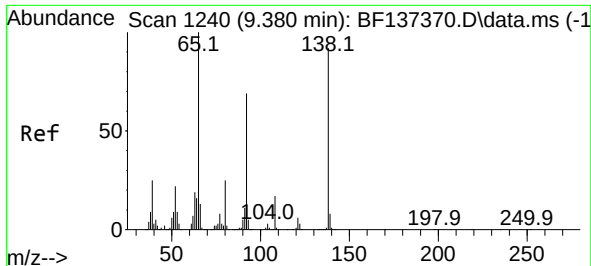
Tgt Ion:154 Resp: 1412516
Ion Ratio Lower Upper
154 100
153 40.5 21.2 61.2
76 15.3 0.0 37.9



#47
2-Chloronaphthalene
Concen: 51.024 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.017 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

Tgt Ion:162 Resp: 1076268
Ion Ratio Lower Upper
162 100
127 43.6 33.6 50.4
164 33.4 25.9 38.9

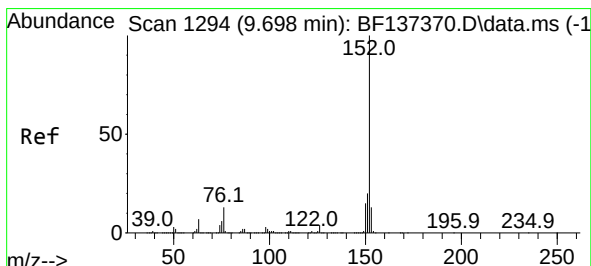
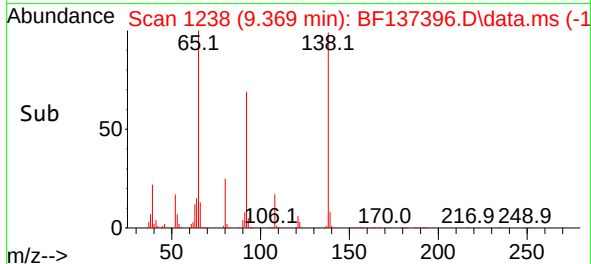
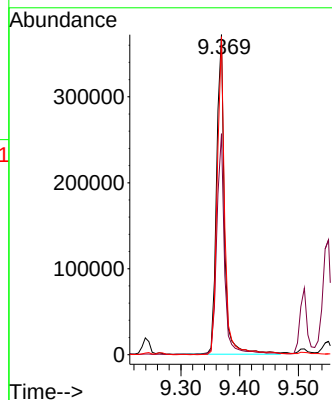
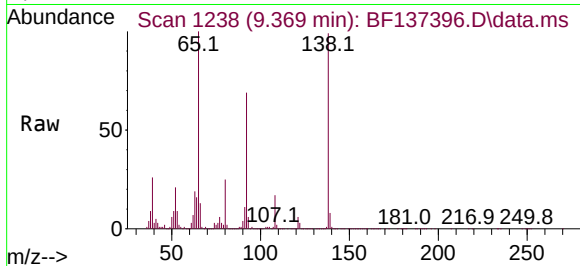




#48
2-Nitroaniline
Concen: 53.063 ng
RT: 9.369 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

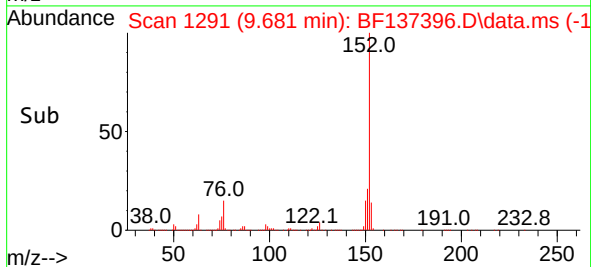
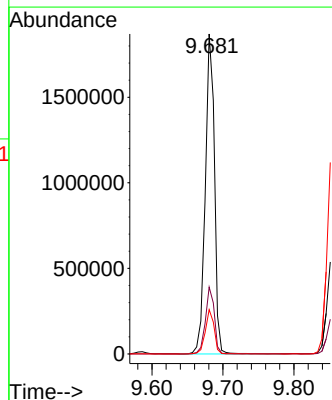
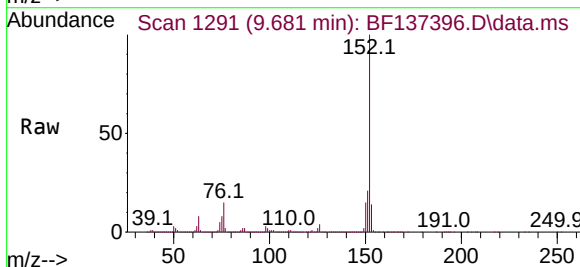
Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

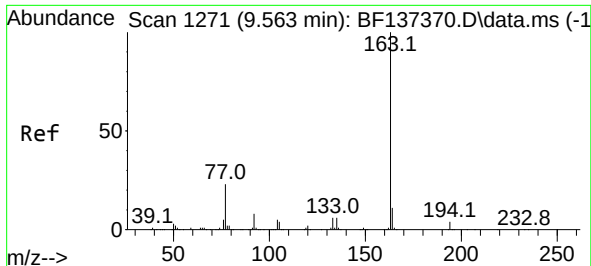
Tgt Ion: 65 Resp: 343087
Ion Ratio Lower Upper
65 100
92 69.1 55.0 82.6
138 99.3 73.7 110.5



#49
Acenaphthylene
Concen: 49.049 ng
RT: 9.681 min Scan# 1291
Delta R.T. -0.018 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

Tgt Ion: 152 Resp: 1680951
Ion Ratio Lower Upper
152 100
151 20.9 16.2 24.4
153 13.9 10.6 15.8

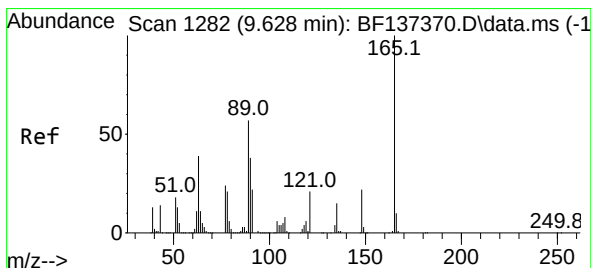
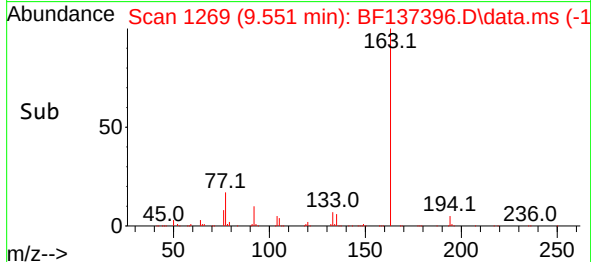
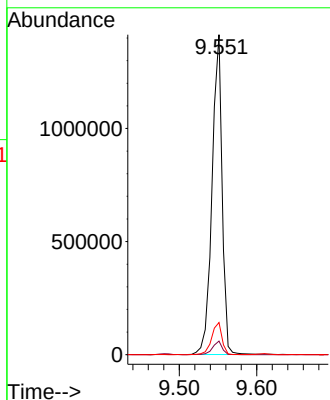
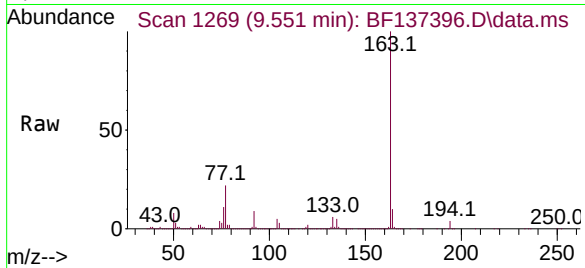




#50
Dimethylphthalate
Concen: 48.247 ng
RT: 9.551 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

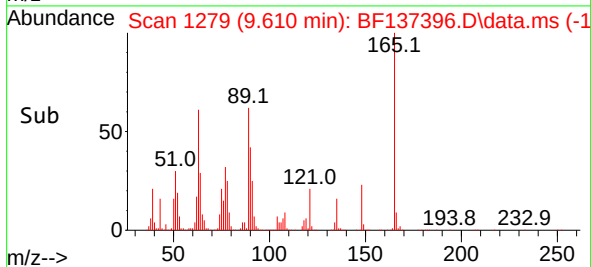
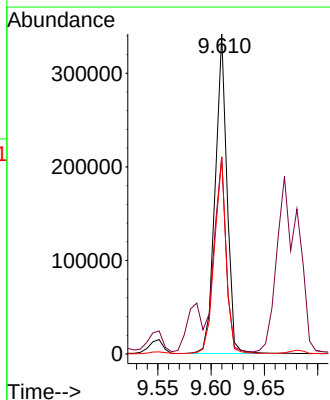
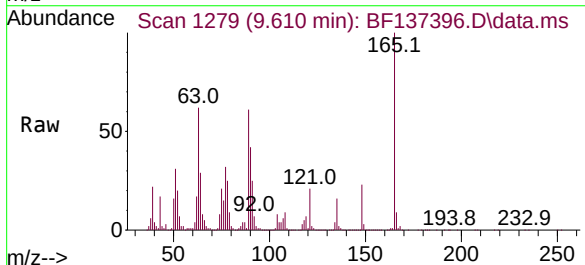
Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

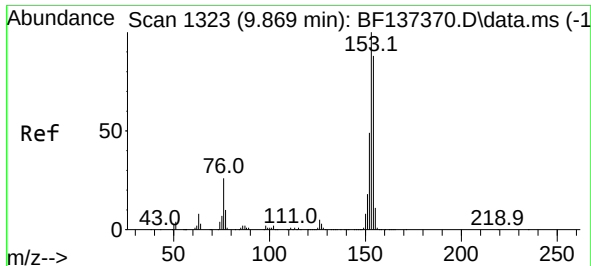
Tgt Ion:163 Resp: 1278481
Ion Ratio Lower Upper
163 100
194 4.3 3.0 4.4
164 10.0 8.5 12.7



#51
2,6-Dinitrotoluene
Concen: 53.115 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.018 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

Tgt Ion:165 Resp: 261846
Ion Ratio Lower Upper
165 100
63 61.6 41.6 62.4
89 61.5 45.8 68.6

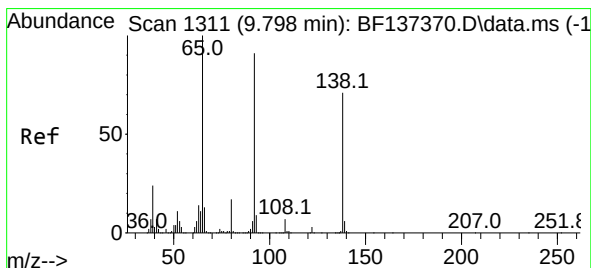
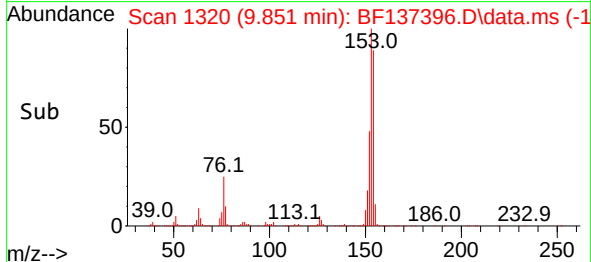
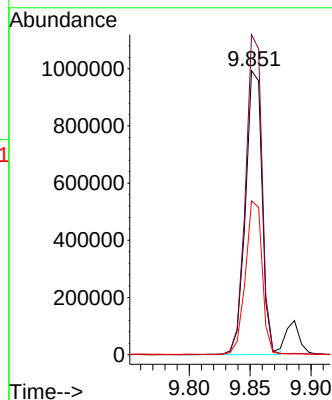
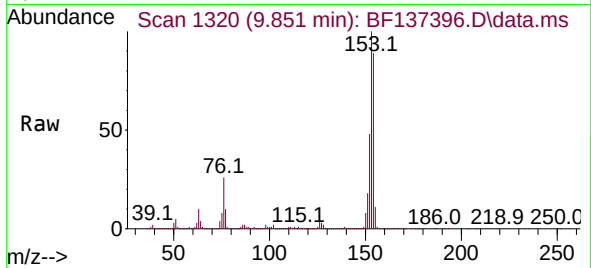




#52
Acenaphthene
Concen: 46.627 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

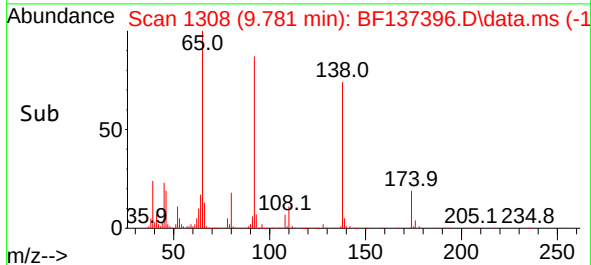
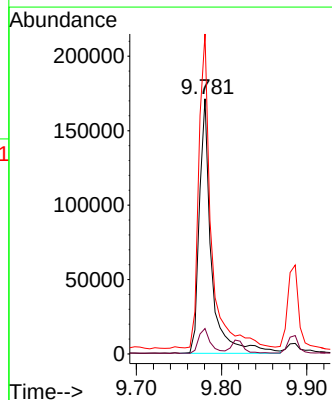
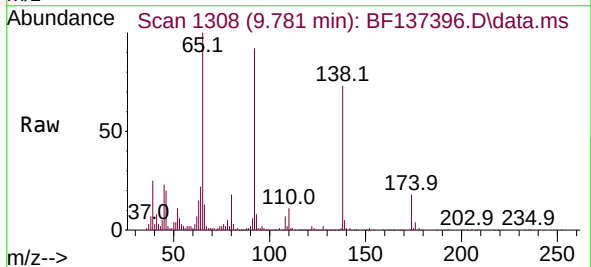
Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

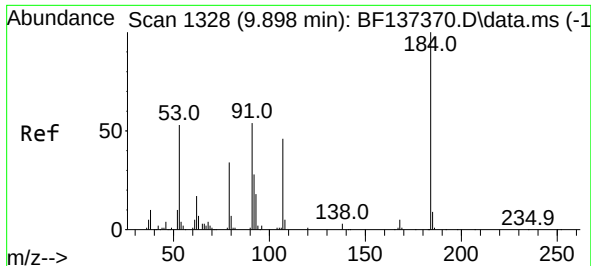
Tgt Ion:154 Resp: 953863
Ion Ratio Lower Upper
154 100
153 112.7 90.6 135.8
152 54.2 44.1 66.1



#53
3-Nitroaniline
Concen: 30.660 ng
RT: 9.781 min Scan# 1308
Delta R.T. -0.017 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

Tgt Ion:138 Resp: 167659
Ion Ratio Lower Upper
138 100
108 10.0 8.2 12.2
92 125.4 102.2 153.2

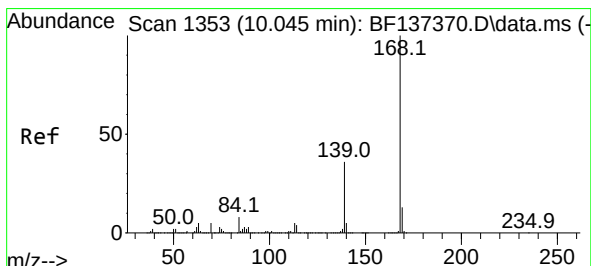
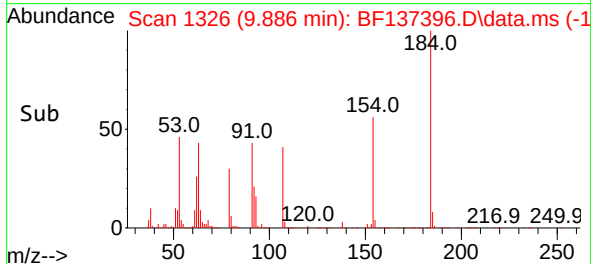
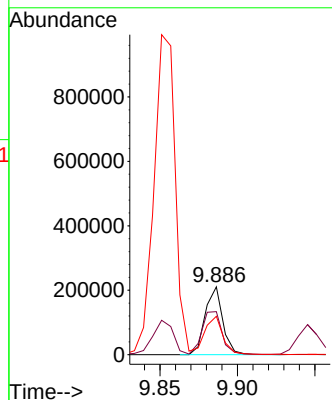
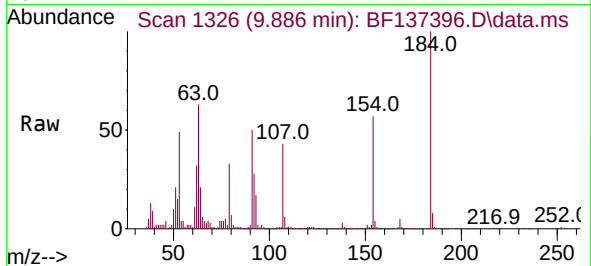




#54
2,4-Dinitrophenol
Concen: 69.142 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

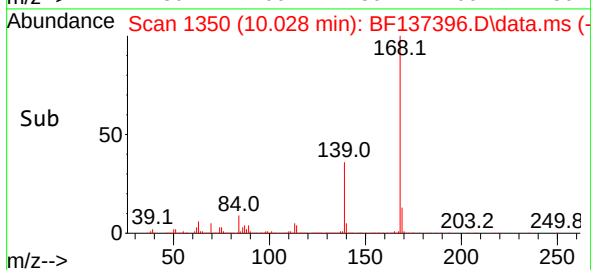
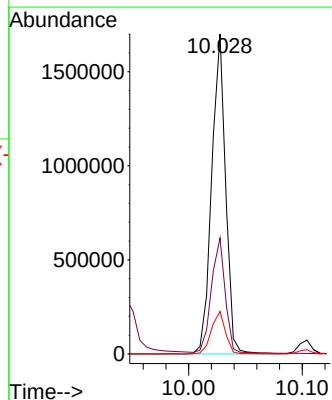
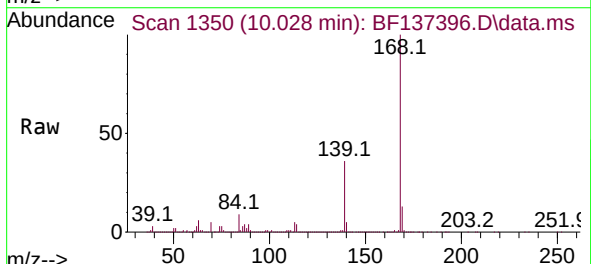
Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

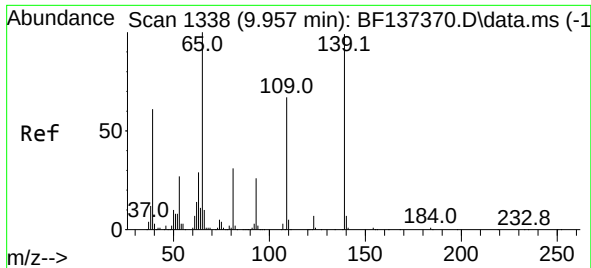
Tgt Ion:184 Resp: 165600
Ion Ratio Lower Upper
184 100
63 63.4 55.9 83.9
154 56.6 47.6 71.4



#55
Dibenzofuran
Concen: 45.663 ng
RT: 10.028 min Scan# 1350
Delta R.T. -0.017 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

Tgt Ion:168 Resp: 1443777
Ion Ratio Lower Upper
168 100
139 36.2 28.9 43.3
169 13.3 10.8 16.2

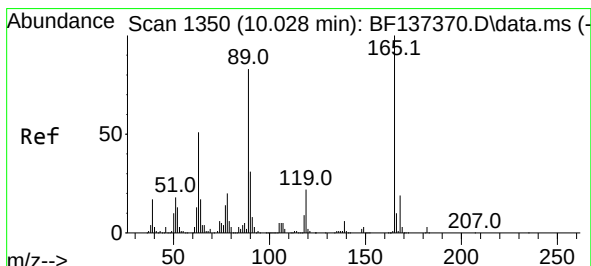
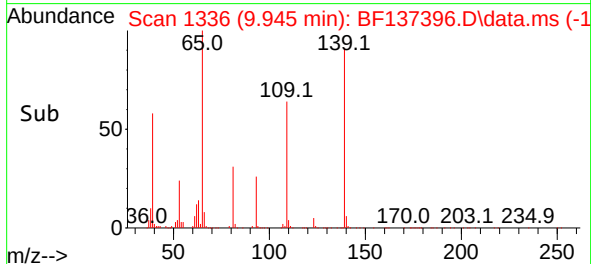
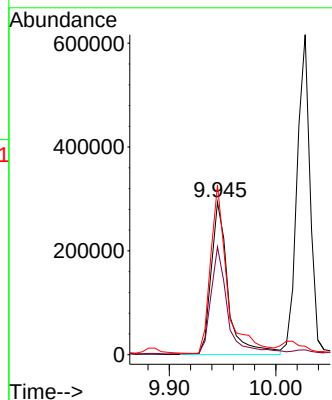
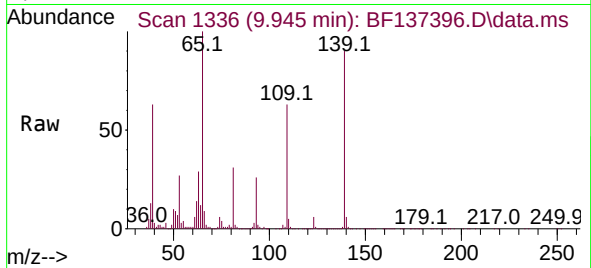




#56
4-Nitrophenol
Concen: 78.014 ng
RT: 9.945 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

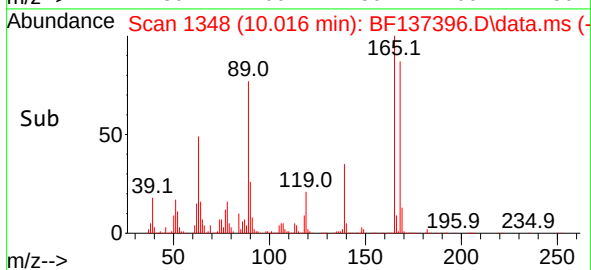
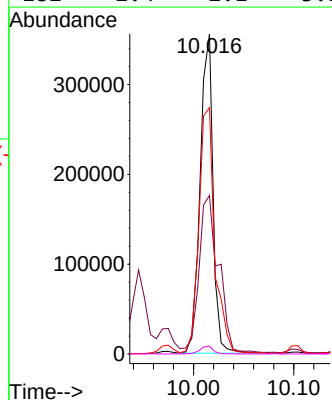
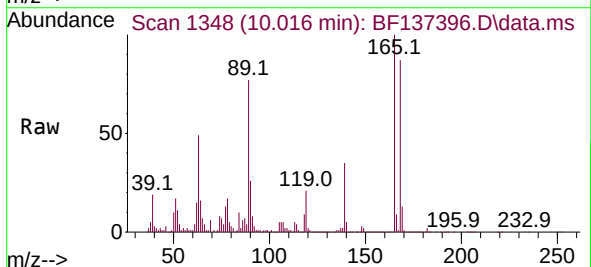
Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

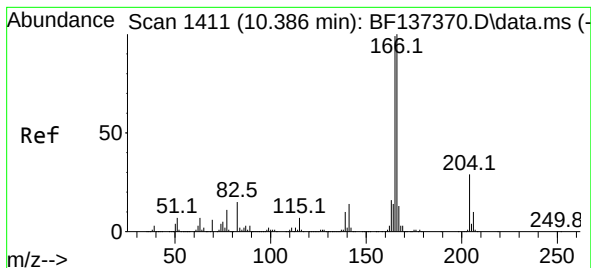
Tgt Ion:139 Resp: 325227
Ion Ratio Lower Upper
139 100
109 70.7 48.0 88.0
65 111.3 82.2 122.2



#57
2,4-Dinitrotoluene
Concen: 50.960 ng
RT: 10.016 min Scan# 1348
Delta R.T. -0.012 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

Tgt Ion:165 Resp: 318036
Ion Ratio Lower Upper
165 100
63 49.5 41.1 61.7
89 76.9 66.6 100.0
182 2.4 2.1 3.1





#58

Fluorene

Concen: 43.205 ng

RT: 10.369 min Scan# 1411

Delta R.T. -0.018 min

Lab File: BF137396.D

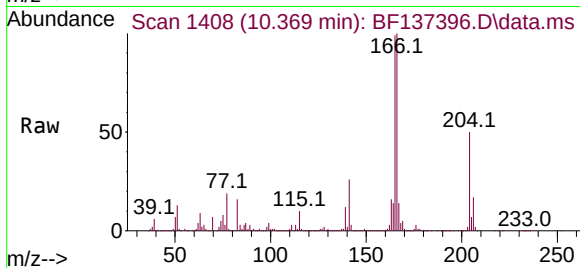
Acq: 26 Feb 2024 20:31

Instrument :

BNA_F

ClientSampleId :

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



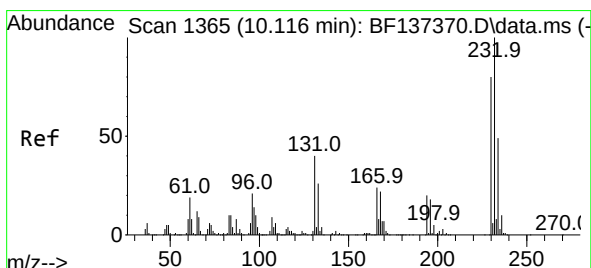
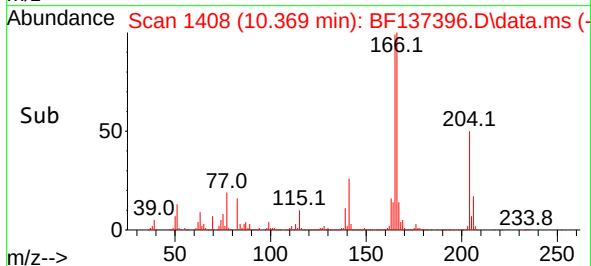
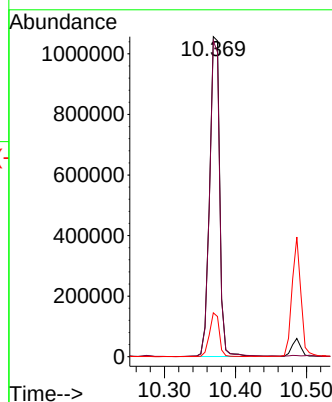
Tgt Ion:166 Resp: 1043237

Ion Ratio Lower Upper

166 100

165 98.7 78.8 118.2

167 13.7 10.5 15.7



#59

2,3,4,6-Tetrachlorophenol

Concen: 37.728 ng

RT: 10.104 min Scan# 1363

Delta R.T. -0.053 min

Lab File: BF137396.D

Acq: 26 Feb 2024 20:31

Tgt Ion:232 Resp: 245471

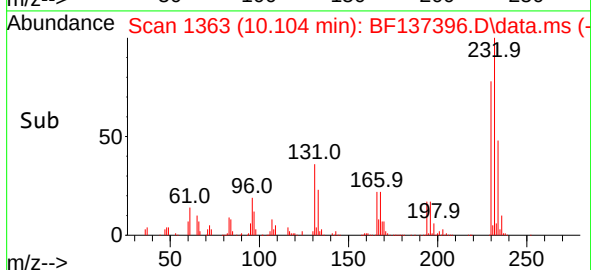
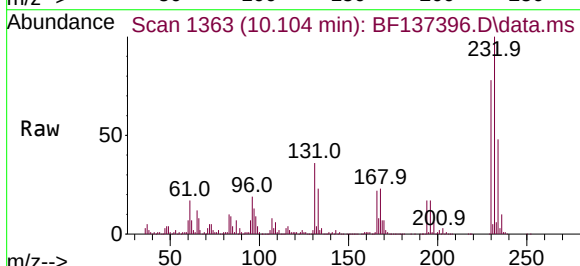
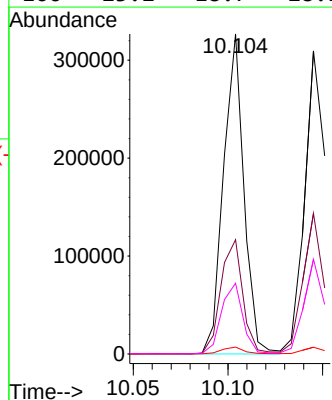
Ion Ratio Lower Upper

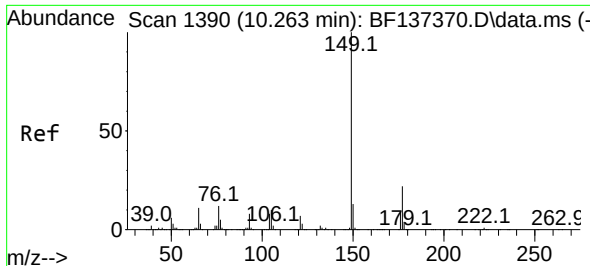
232 100

131 38.4 31.1 46.7

130 2.4 1.8 2.6

166 23.2 18.7 28.1

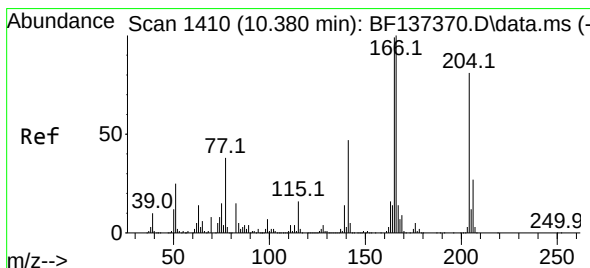
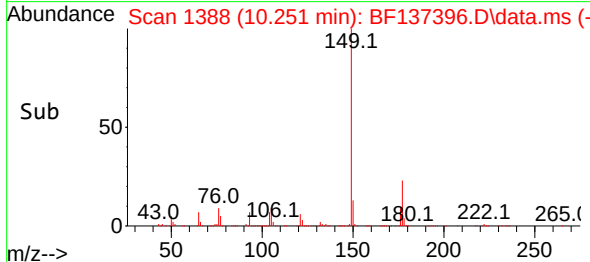
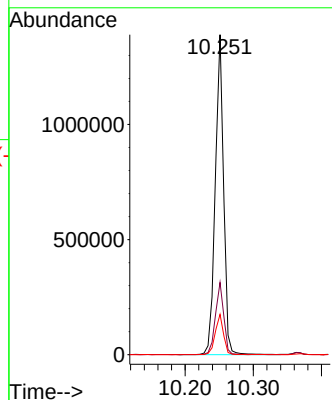
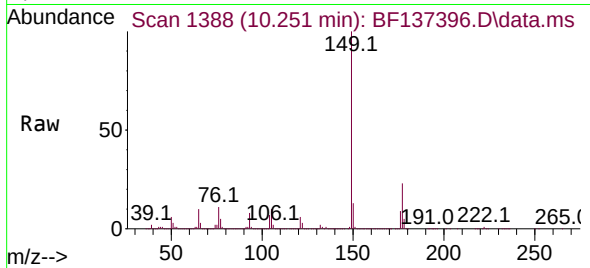




#60
Diethylphthalate
Concen: 47.692 ng
RT: 10.251 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

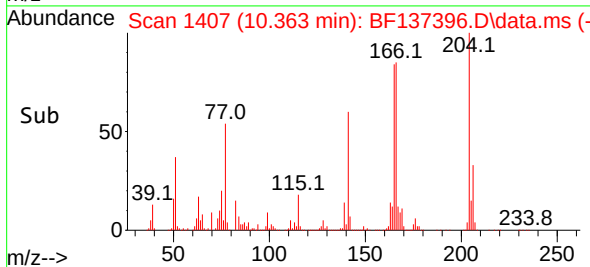
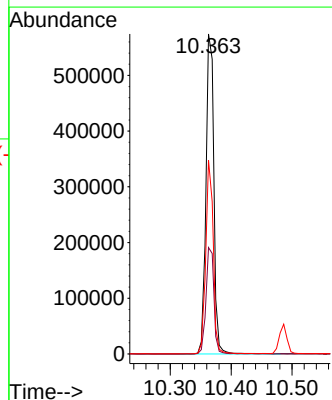
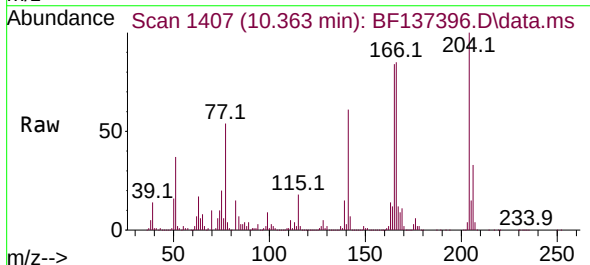
Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

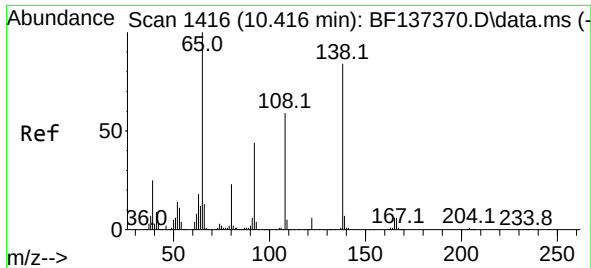
Tgt Ion:149 Resp: 1179929
Ion Ratio Lower Upper
149 100
177 22.6 18.0 27.0
150 12.6 10.2 15.2



#61
4-Chlorophenyl-phenylether
Concen: 43.325 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.018 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

Tgt Ion:204 Resp: 514607
Ion Ratio Lower Upper
204 100
206 33.2 26.8 40.2
141 60.6 46.4 69.6

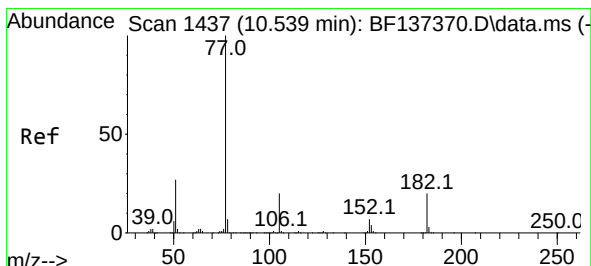
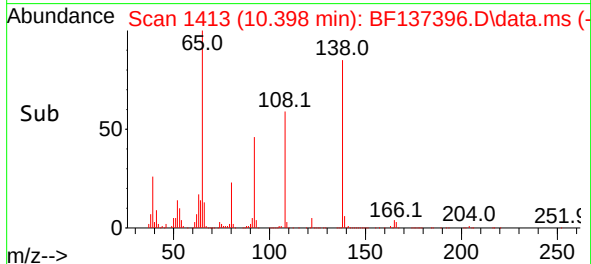
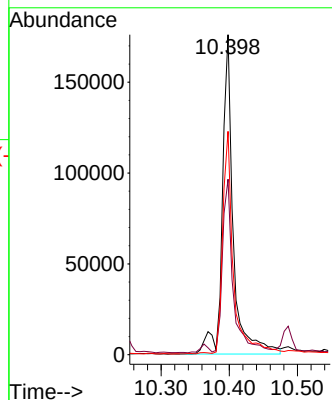
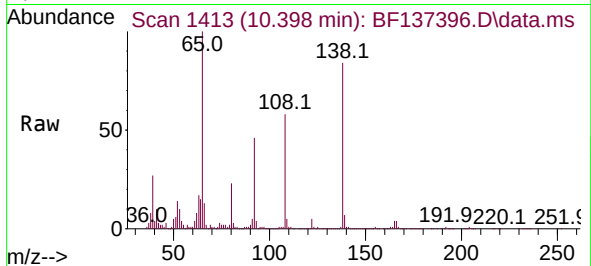




#62
4-Nitroaniline
Concen: 38.305 ng
RT: 10.398 min Scan# 1416
Delta R.T. -0.018 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

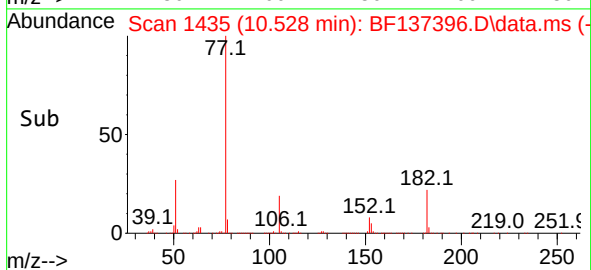
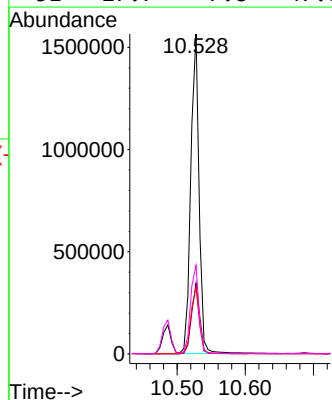
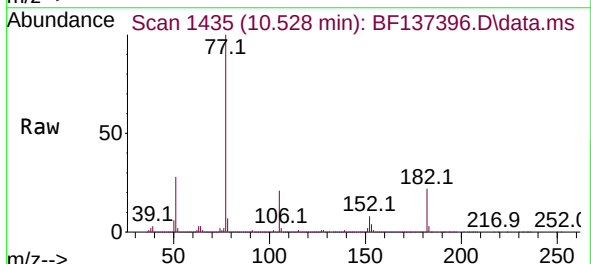
Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

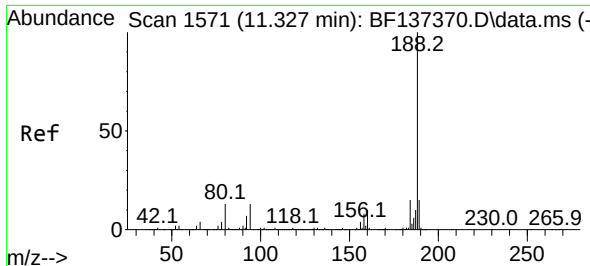
Tgt Ion:138 Resp: 196790
Ion Ratio Lower Upper
138 100
92 54.9 33.4 73.4
108 69.8 50.4 90.4



#63
Azobenzene
Concen: 44.134 ng
RT: 10.528 min Scan# 1435
Delta R.T. -0.012 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

Tgt Ion: 77 Resp: 1306377
Ion Ratio Lower Upper
77 100
182 22.2 0.0 39.6
105 20.8 0.4 40.4
51 27.7 7.8 47.8

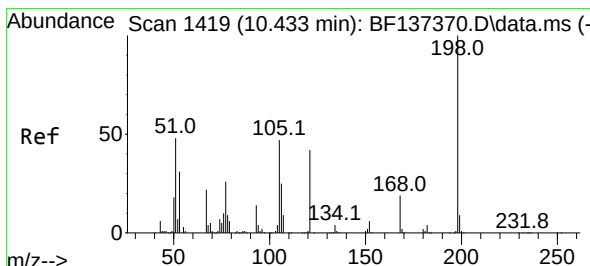
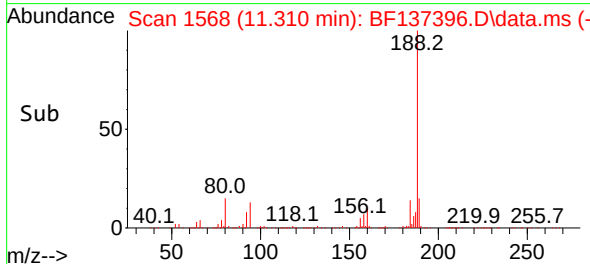
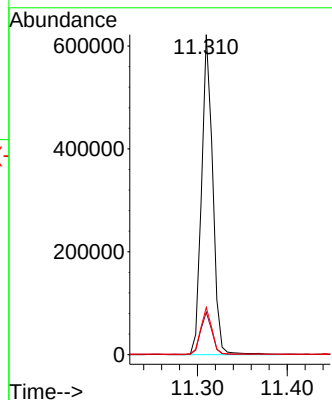
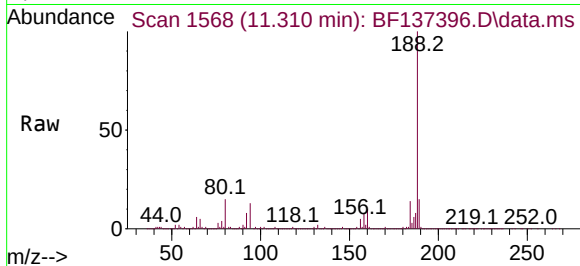




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

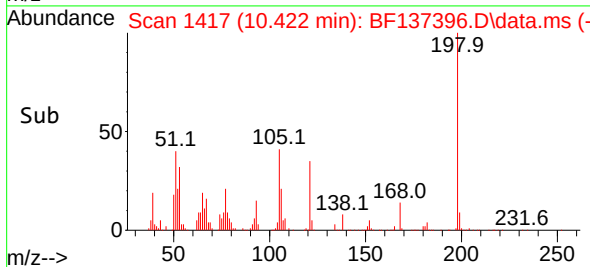
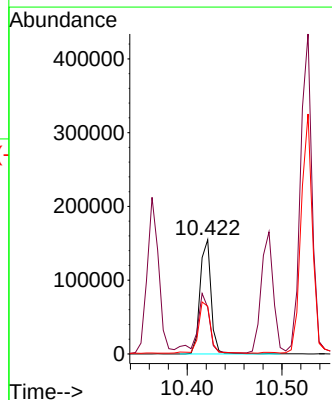
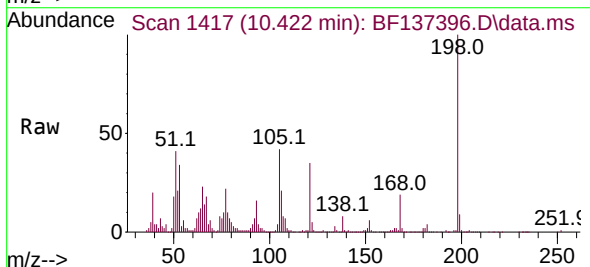
Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

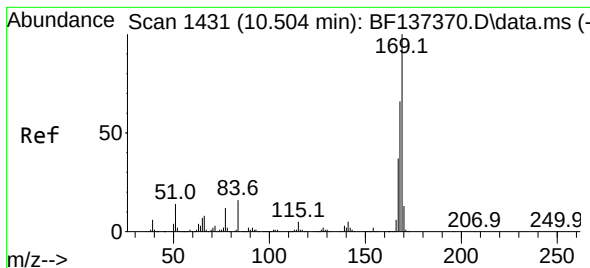
Tgt Ion:188 Resp: 536882
Ion Ratio Lower Upper
188 100
94 13.2 10.2 15.2
80 14.7 10.7 16.1



#65
4,6-Dinitro-2-methylphenol
Concen: 47.501 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.011 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

Tgt Ion:198 Resp: 124566
Ion Ratio Lower Upper
198 100
51 40.7 36.8 76.8
105 41.7 28.5 68.5

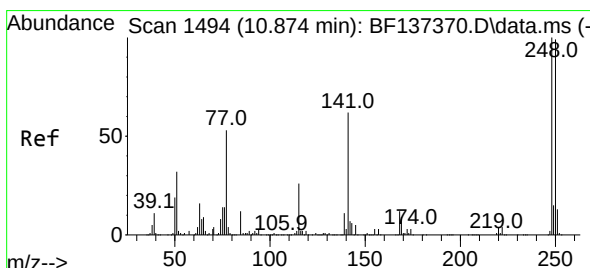
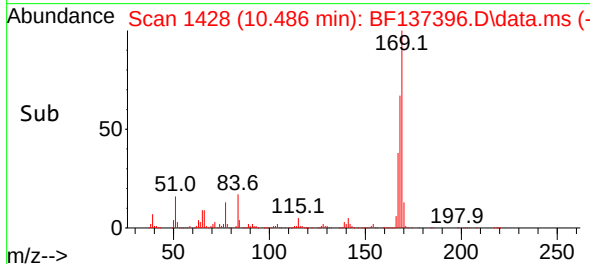
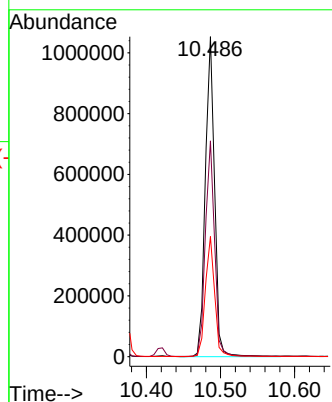
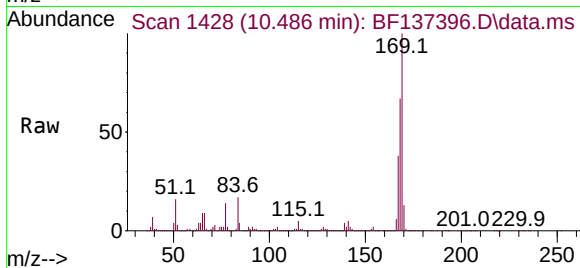




#66
n-Nitrosodiphenylamine
Concen: 52.581 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.018 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

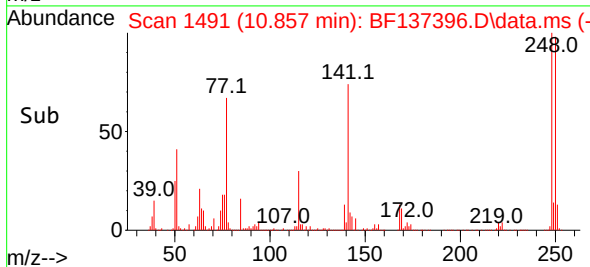
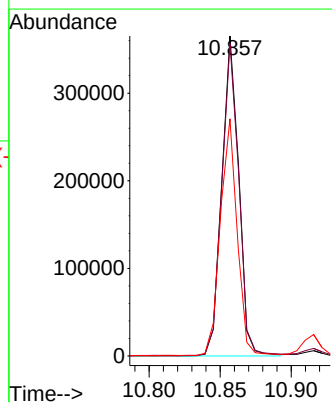
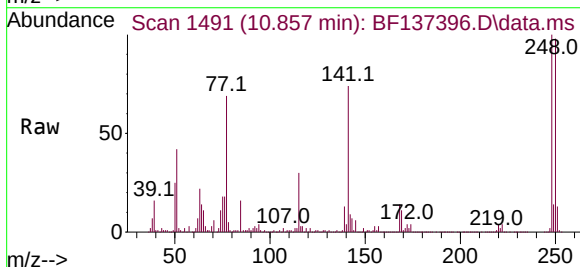
Instrument : BNA_F
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

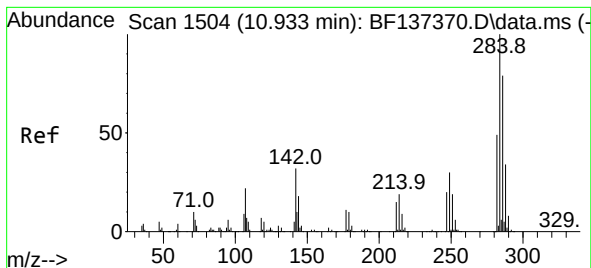
Tgt Ion:169 Resp: 916822
Ion Ratio Lower Upper
169 100
168 67.5 53.0 79.4
167 37.6 29.2 43.8



#67
4-Bromophenyl-phenylether
Concen: 52.240 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.018 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

Tgt Ion:248 Resp: 301511
Ion Ratio Lower Upper
248 100
250 97.7 79.0 118.6
141 74.1 49.9 74.9





#68

Hexachlorobenzene

Concen: 51.807 ng

RT: 10.916 min Scan# 1519

Delta R.T. -0.018 min

Lab File: BF137396.D

Acq: 26 Feb 2024 20:31

Instrument :

BNA_F

ClientSampleId :

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

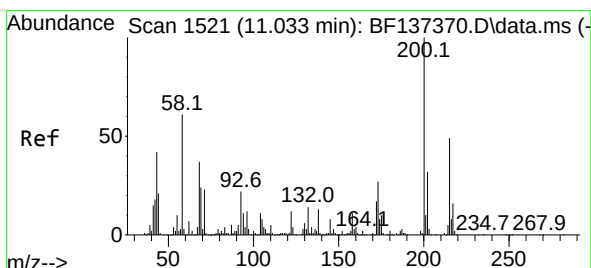
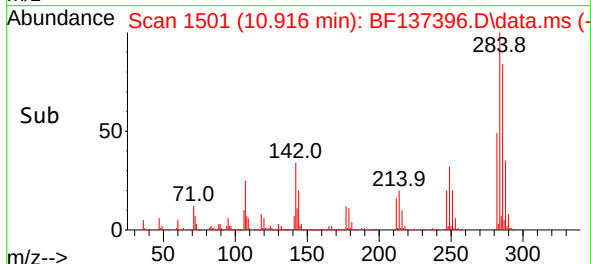
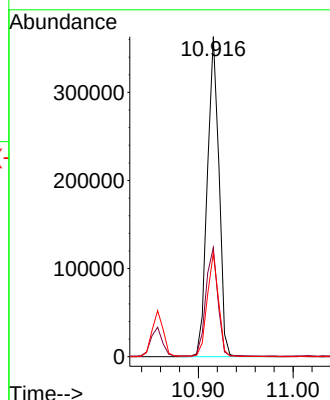
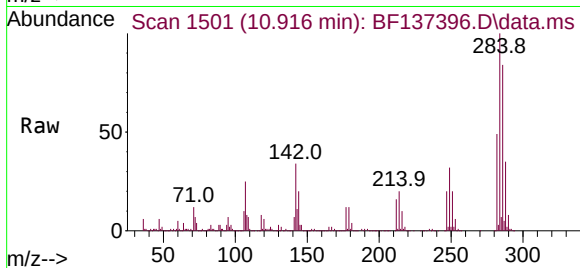
Tgt Ion:284 Resp: 309319

Ion Ratio Lower Upper

284 100

142 34.1 25.4 38.0

249 32.4 24.2 36.4



#69

Atrazine

Concen: 51.915 ng

RT: 11.022 min Scan# 1519

Delta R.T. -0.012 min

Lab File: BF137396.D

Acq: 26 Feb 2024 20:31

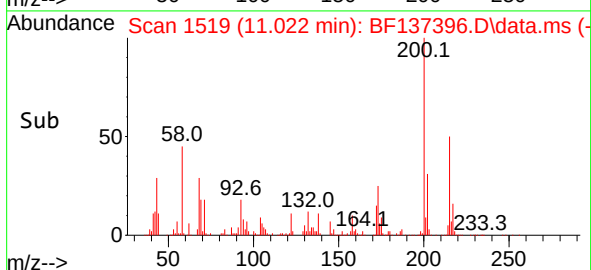
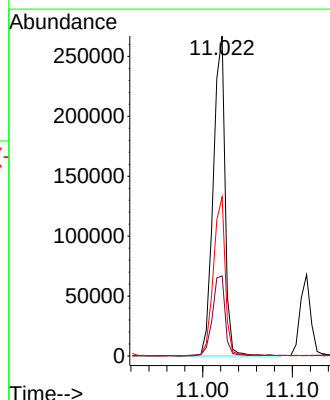
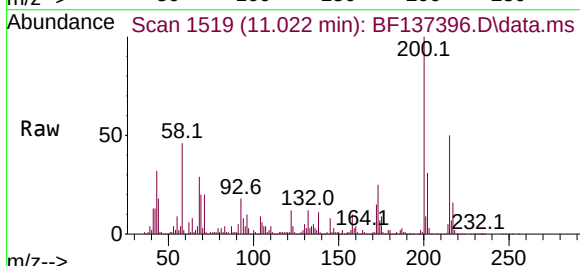
Tgt Ion:200 Resp: 244290

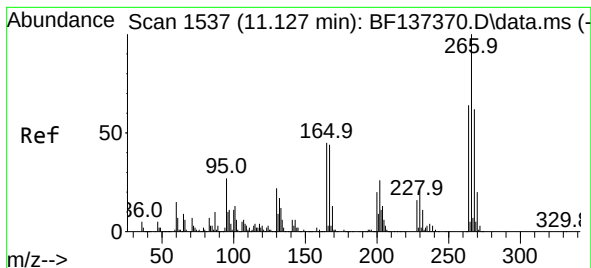
Ion Ratio Lower Upper

200 100

173 25.0 6.8 46.8

215 49.8 29.4 69.4





#70

Pentachlorophenol

Concen: 77.732 ng

RT: 11.116 min Scan# 1535

Delta R.T. -0.012 min

Lab File: BF137396.D

Acq: 26 Feb 2024 20:31

Instrument :

BNA_F

ClientSampleId :

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

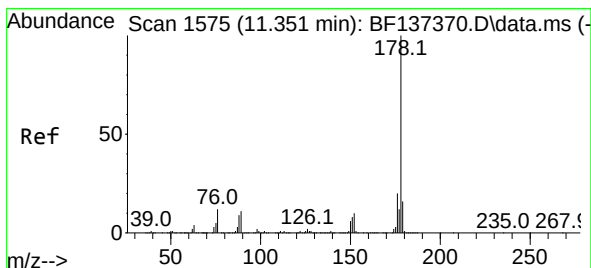
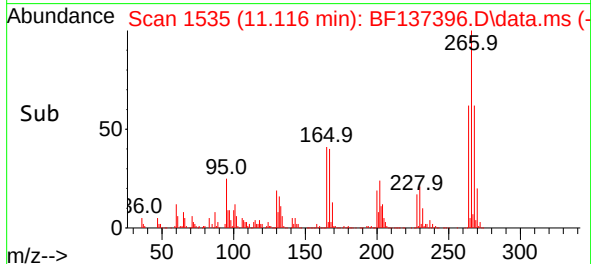
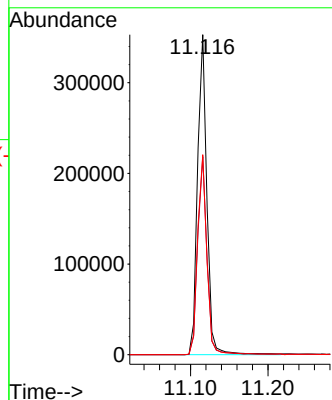
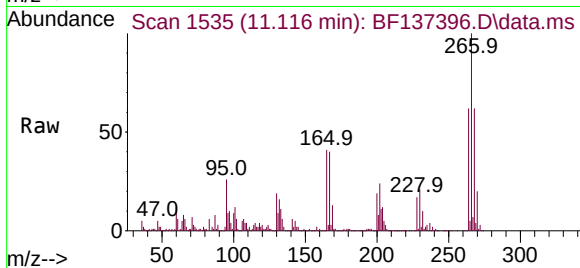
Tgt Ion:266 Resp: 294047

Ion Ratio Lower Upper

266 100

268 61.9 49.4 74.2

264 62.5 51.3 76.9



#71

Phenanthrene

Concen: 47.831 ng

RT: 11.339 min Scan# 1573

Delta R.T. -0.012 min

Lab File: BF137396.D

Acq: 26 Feb 2024 20:31

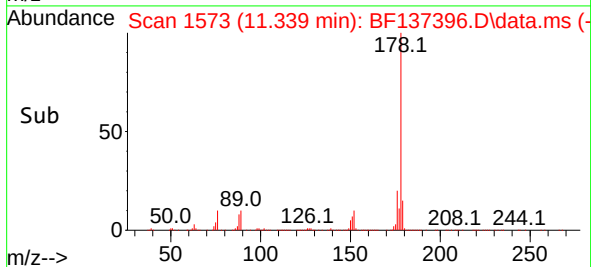
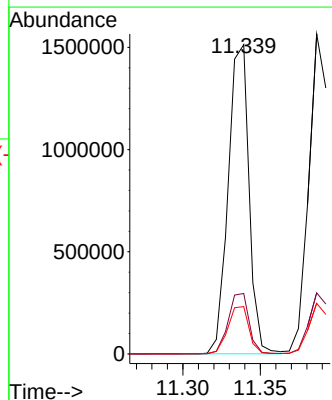
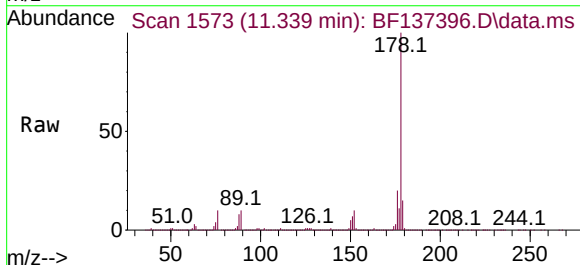
Tgt Ion:178 Resp: 1416789

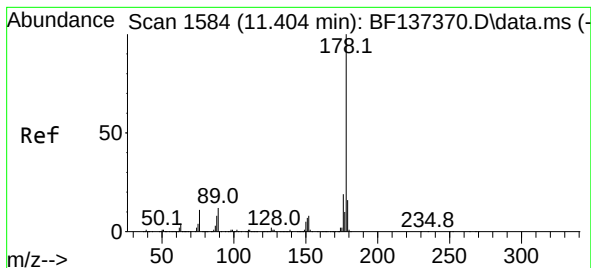
Ion Ratio Lower Upper

178 100

176 19.6 16.2 24.4

179 15.3 12.7 19.1





#72

Anthracene

Concen: 47.624 ng

RT: 11.386 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF137396.D

Acq: 26 Feb 2024 20:31

Instrument :

BNA_F

ClientSampleId :

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

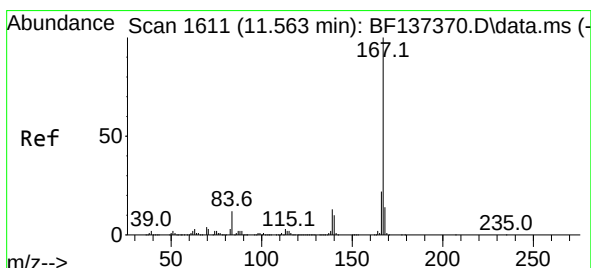
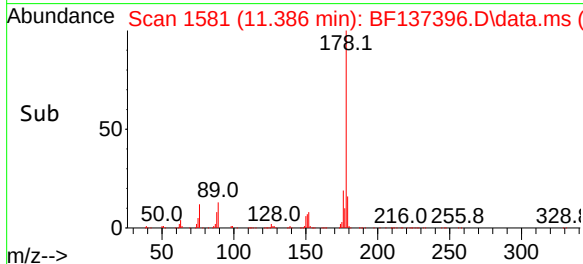
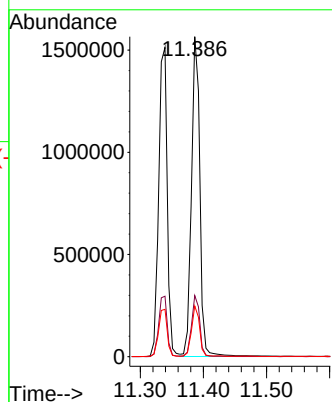
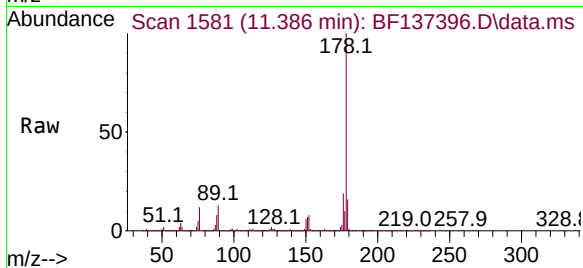
Tgt Ion:178 Resp: 1453746

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 15.9 12.6 18.8



#73

Carbazole

Concen: 44.836 ng

RT: 11.545 min Scan# 1608

Delta R.T. -0.018 min

Lab File: BF137396.D

Acq: 26 Feb 2024 20:31

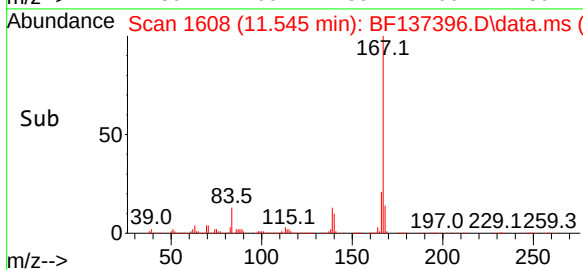
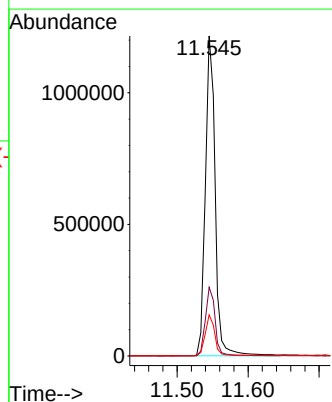
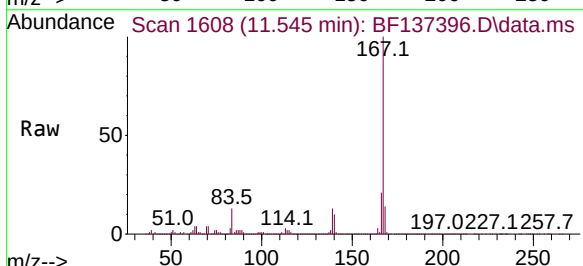
Tgt Ion:167 Resp: 1169359

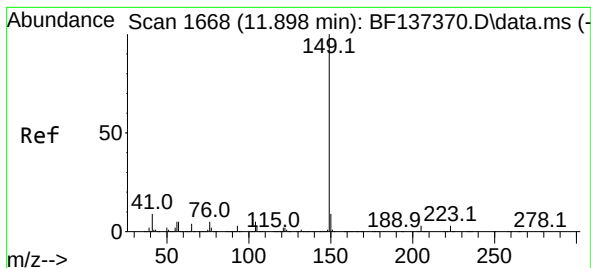
Ion Ratio Lower Upper

167 100

166 21.4 17.8 26.6

139 12.9 10.0 15.0





#74

Di-n-butylphthalate

Concen: 59.896 ng

RT: 11.886 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF137396.D

Acq: 26 Feb 2024 20:31

Instrument :

BNA_F

ClientSampleId :

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

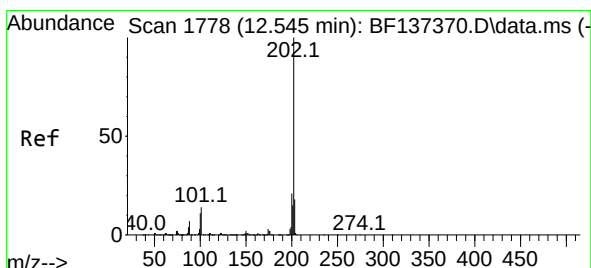
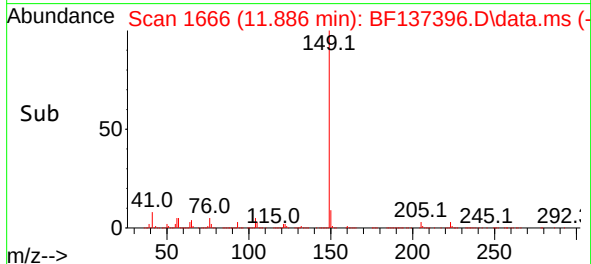
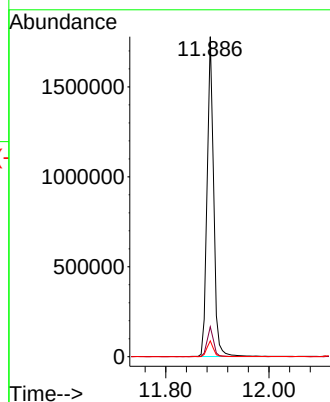
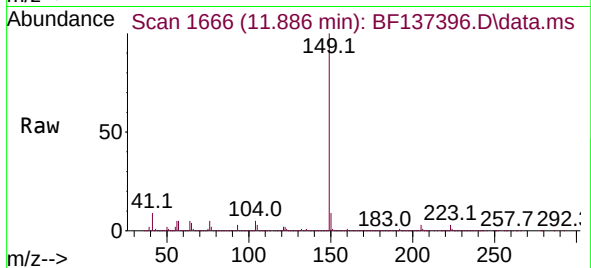
Tgt Ion:149 Resp: 1563097

Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 5.0 4.2 6.2



#75

Fluoranthene

Concen: 44.242 ng

RT: 12.545 min Scan# 1778

Delta R.T. 0.000 min

Lab File: BF137396.D

Acq: 26 Feb 2024 20:31

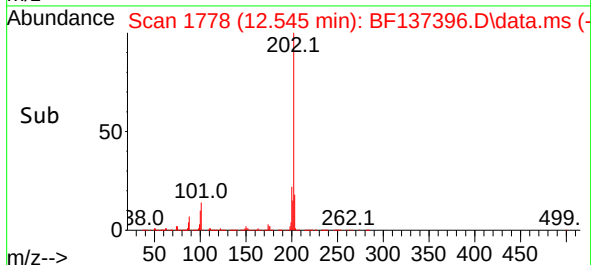
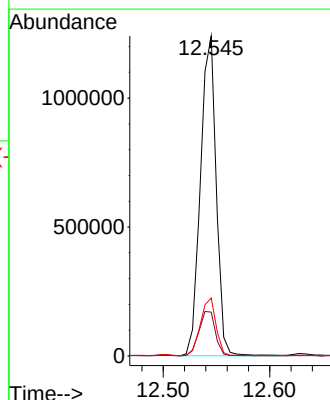
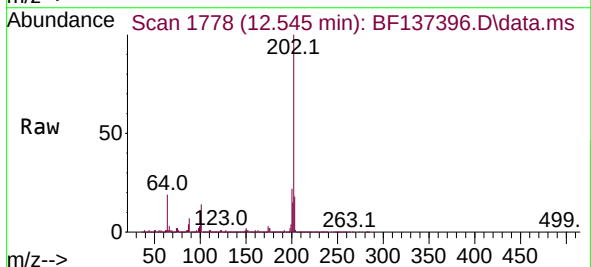
Tgt Ion:202 Resp: 1279193

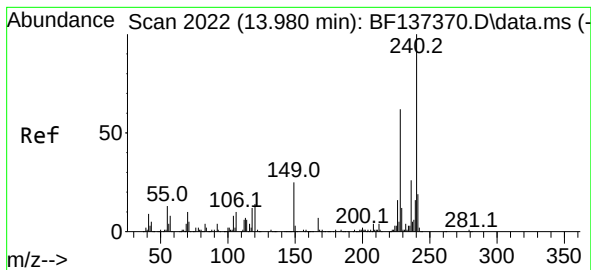
Ion Ratio Lower Upper

202 100

101 13.7 0.0 33.9

203 18.1 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF137396.D

Acq: 26 Feb 2024 20:31

Instrument :

BNA_F

ClientSampleId :

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

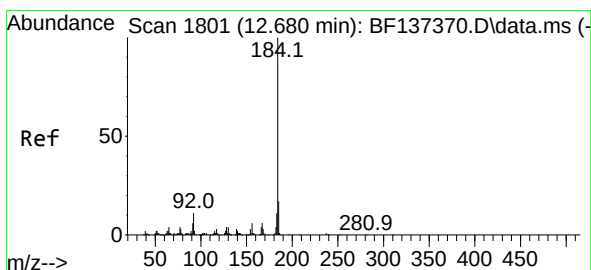
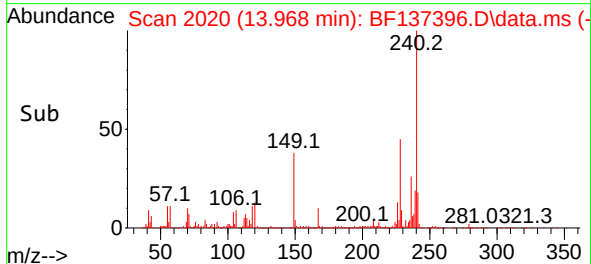
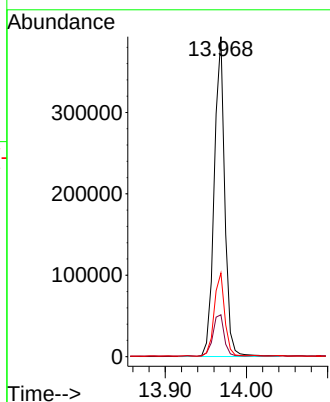
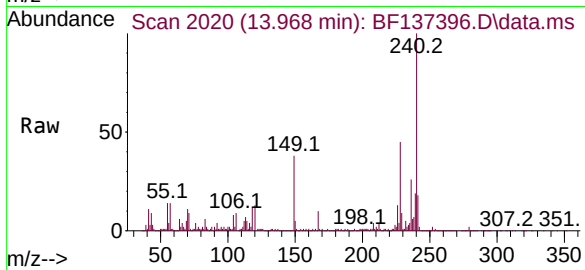
Tgt Ion:240 Resp: 353320

Ion Ratio Lower Upper

240 100

120 13.1 11.3 16.9

236 26.1 20.5 30.7



#77

Benzidine

Concen: 25.610 ng

RT: 12.663 min Scan# 1798

Delta R.T. -0.017 min

Lab File: BF137396.D

Acq: 26 Feb 2024 20:31

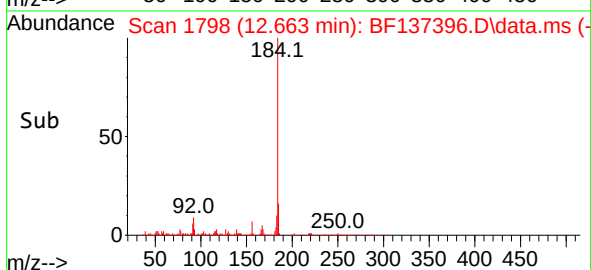
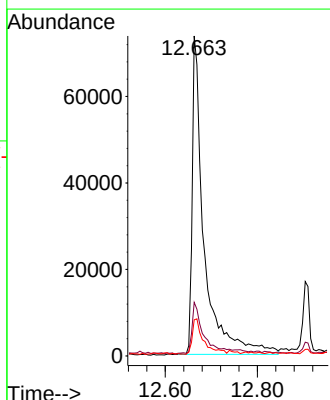
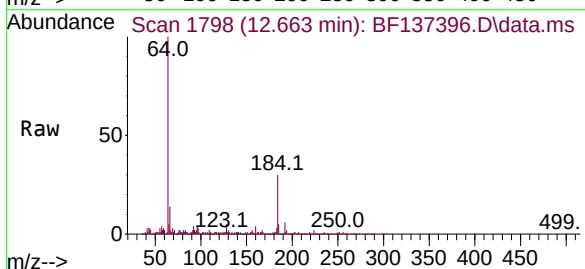
Tgt Ion:184 Resp: 131692

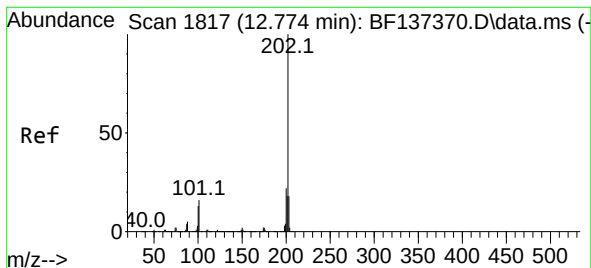
Ion Ratio Lower Upper

184 100

185 16.8 13.7 20.5

183 11.3 8.8 13.2





#78

Pyrene

Concen: 39.604 ng

RT: 12.763 min Scan# 1815

Delta R.T. -0.012 min

Lab File: BF137396.D

Acq: 26 Feb 2024 20:31

Instrument :

BNA_F

ClientSampleId :

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

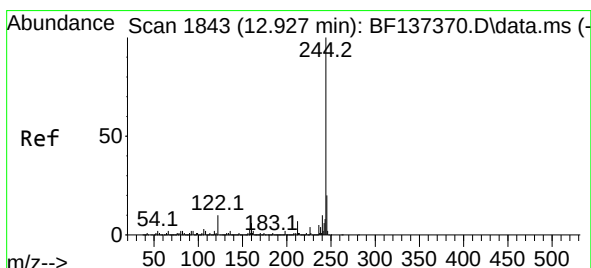
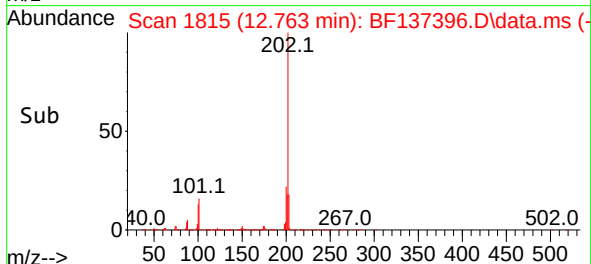
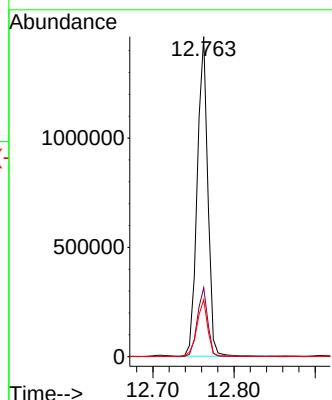
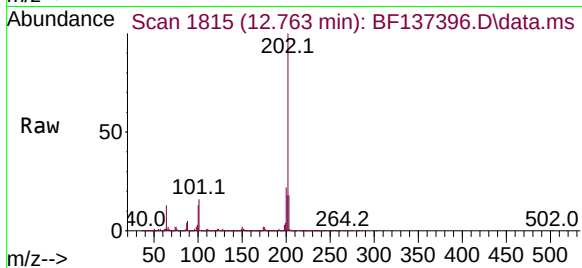
Tgt Ion:202 Resp: 1323140

Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.2

203 17.8 14.2 21.2



#79

Terphenyl-d14

Concen: 48.045 ng

RT: 12.910 min Scan# 1840

Delta R.T. -0.018 min

Lab File: BF137396.D

Acq: 26 Feb 2024 20:31

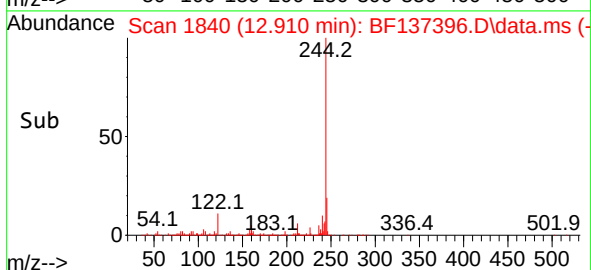
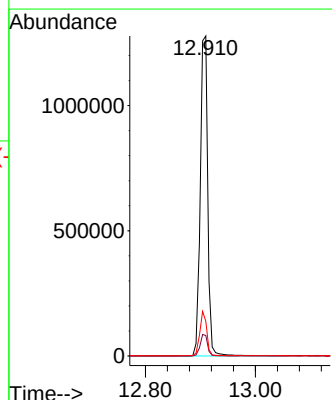
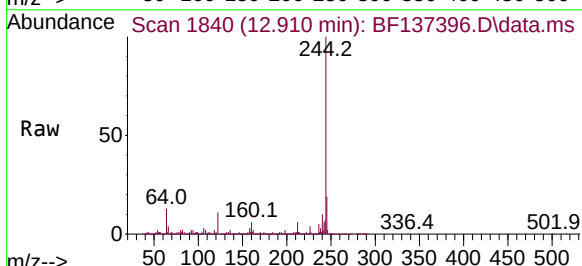
Tgt Ion:244 Resp: 1213656

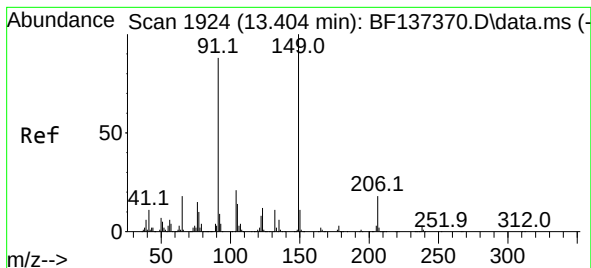
Ion Ratio Lower Upper

244 100

212 6.4 5.3 7.9

122 10.9 8.2 12.4





#80

Butylbenzylphthalate

Concen: 58.475 ng

RT: 13.392 min Scan# 1924

Delta R.T. -0.012 min

Lab File: BF137396.D

Acq: 26 Feb 2024 20:31

Instrument :

BNA_F

ClientSampleId :

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

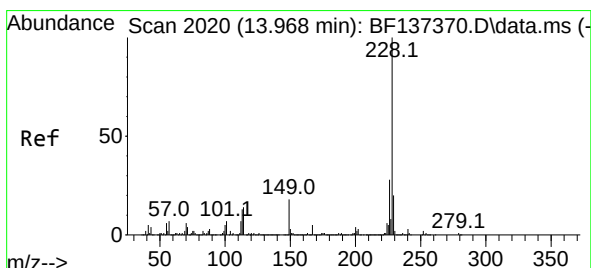
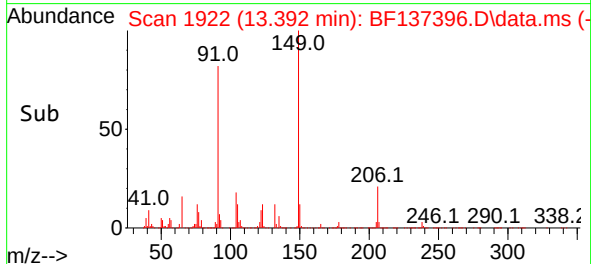
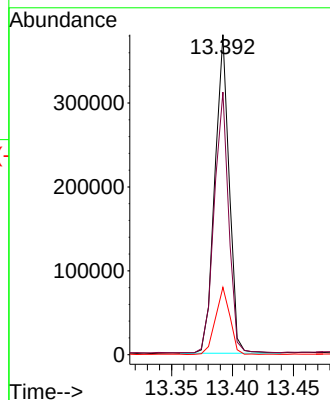
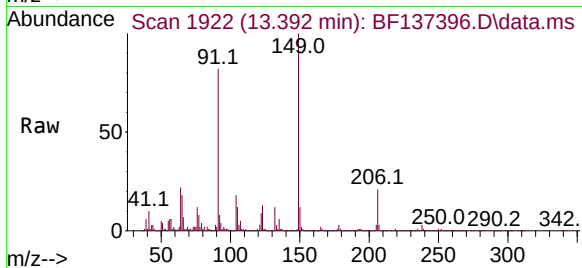
Tgt Ion:149 Resp: 310784

Ion Ratio Lower Upper

149 100

91 82.0 70.5 105.7

206 21.1 14.8 22.2



#81

Benzo(a)anthracene

Concen: 50.607 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.012 min

Lab File: BF137396.D

Acq: 26 Feb 2024 20:31

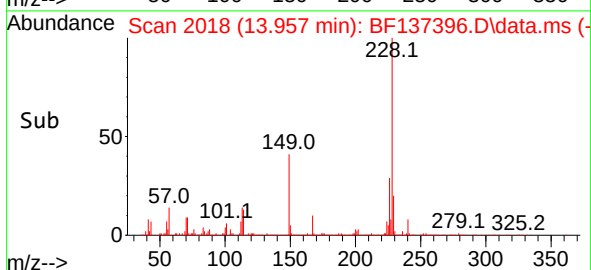
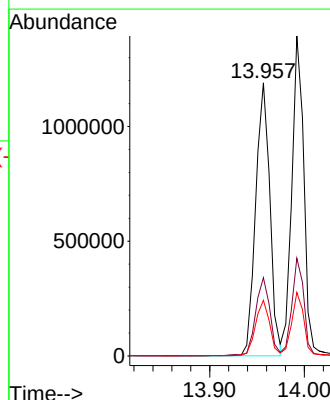
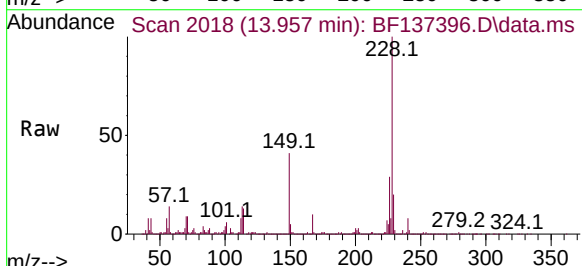
Tgt Ion:228 Resp: 1240744

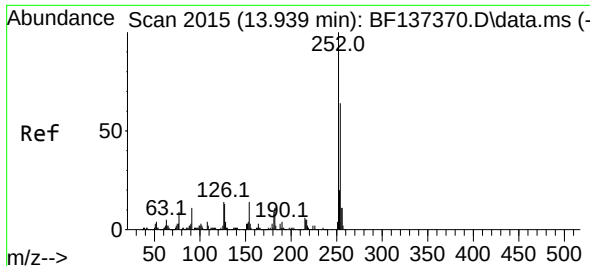
Ion Ratio Lower Upper

228 100

226 28.6 22.1 33.1

229 20.4 15.7 23.5

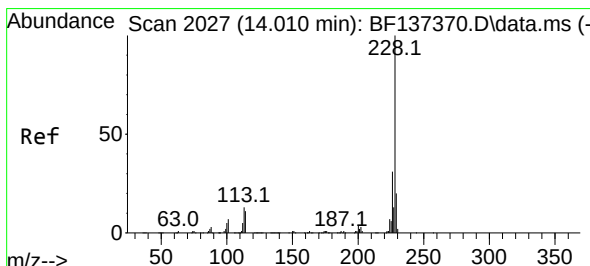
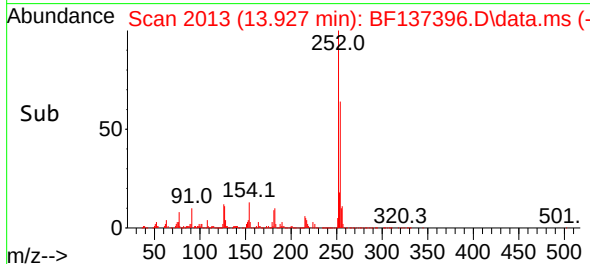
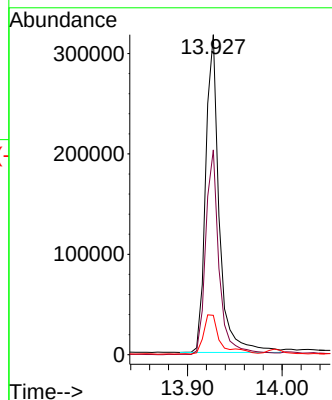
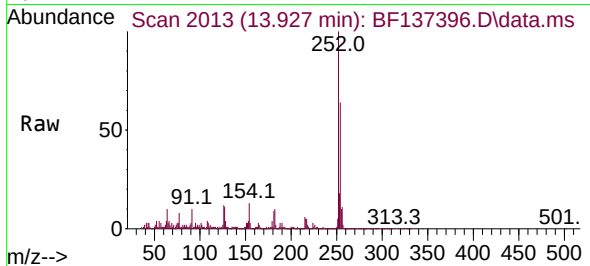




#82
 3,3'-Dichlorobenzidine
 Concen: 54.546 ng
 RT: 13.927 min Scan# 20
 Delta R.T. -0.012 min
 Lab File: BF137396.D
 Acq: 26 Feb 2024 20:31

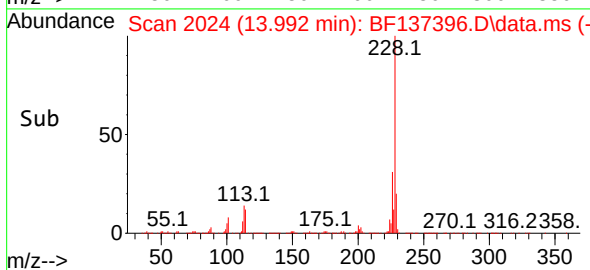
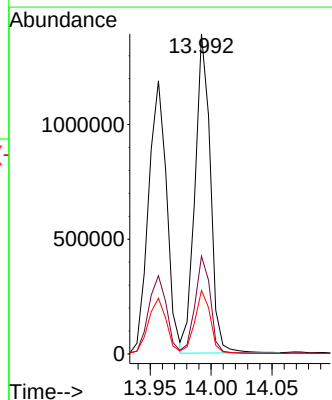
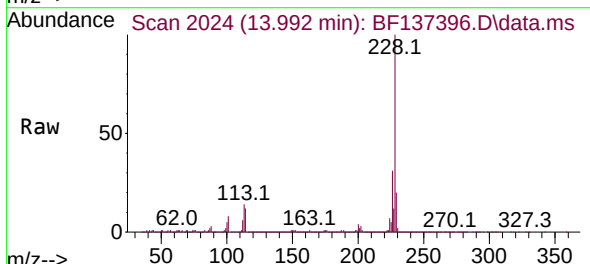
Instrument :
 BNA_F
 ClientSampleId :
 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

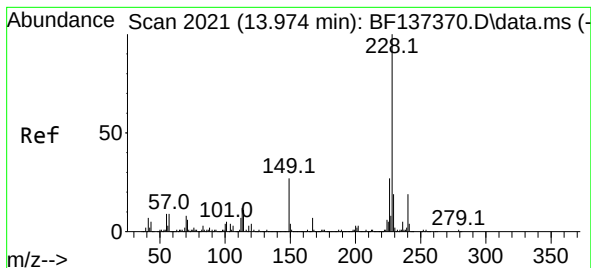
Tgt Ion:252 Resp: 316239
 Ion Ratio Lower Upper
 252 100
 254 64.0 51.2 76.8
 126 12.3 11.1 16.7



#83
 Chrysene
 Concen: 48.988 ng
 RT: 13.992 min Scan# 2024
 Delta R.T. -0.018 min
 Lab File: BF137396.D
 Acq: 26 Feb 2024 20:31

Tgt Ion:228 Resp: 1226937
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.6 37.0
 229 19.8 15.8 23.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 69.479 ng

RT: 13.957 min Scan# 2021

Delta R.T. -0.017 min

Lab File: BF137396.D

Acq: 26 Feb 2024 20:31

Instrument :

BNA_F

ClientSampleId :

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

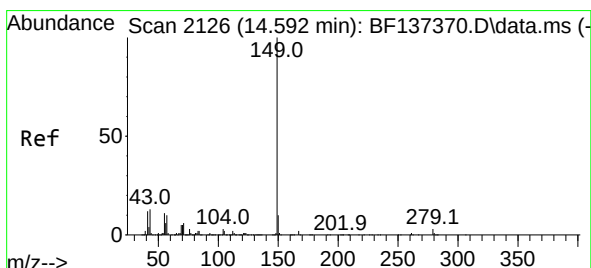
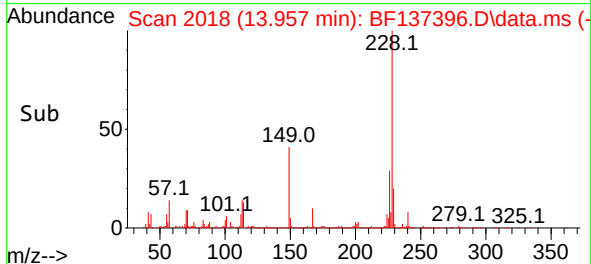
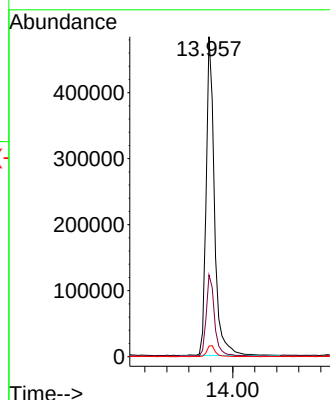
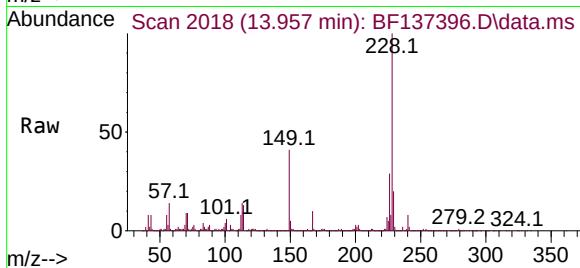
Tgt Ion:149 Resp: 503726

Ion Ratio Lower Upper

149 100

167 25.6 20.6 31.0

279 3.3 2.7 4.1



#85

Di-n-octyl phthalate

Concen: 76.121 ng

RT: 14.580 min Scan# 2124

Delta R.T. -0.012 min

Lab File: BF137396.D

Acq: 26 Feb 2024 20:31

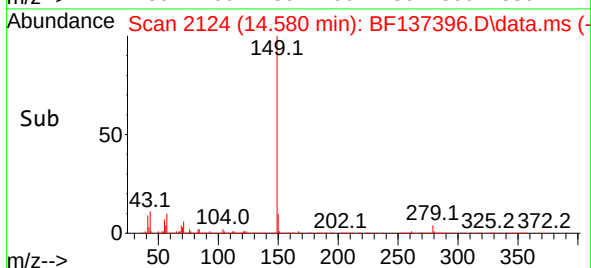
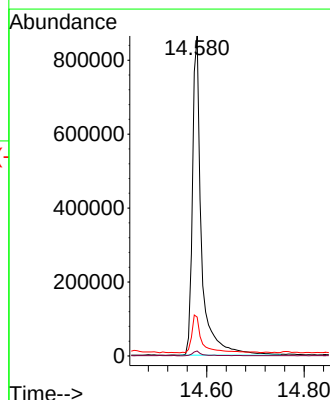
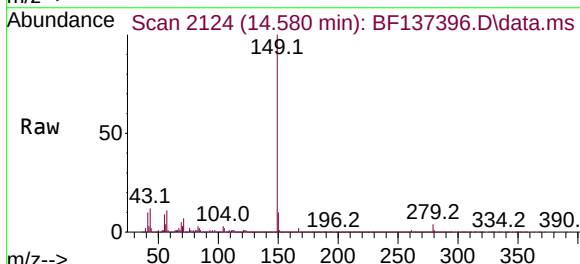
Tgt Ion:149 Resp: 1113864

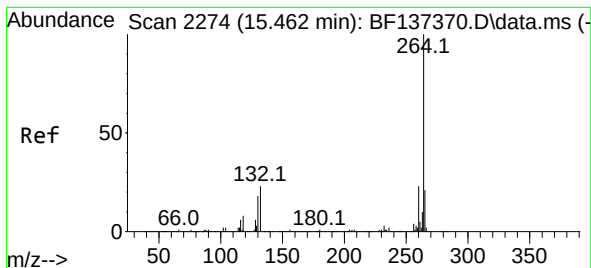
Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 12.9 13.7 20.5#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF137396.D

Acq: 26 Feb 2024 20:31

Instrument :

BNA_F

ClientSampleId :

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

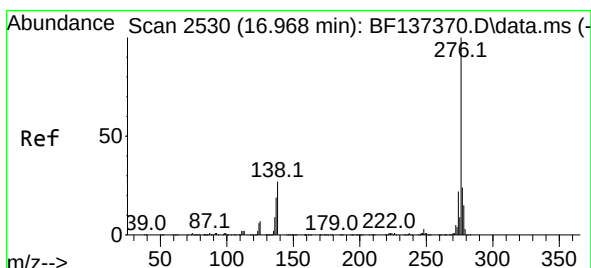
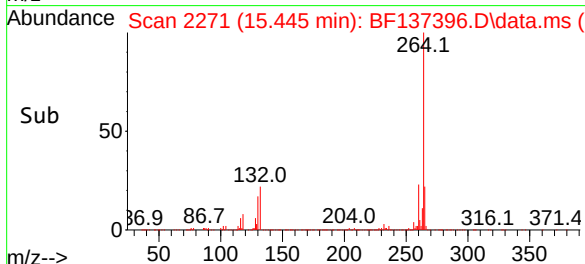
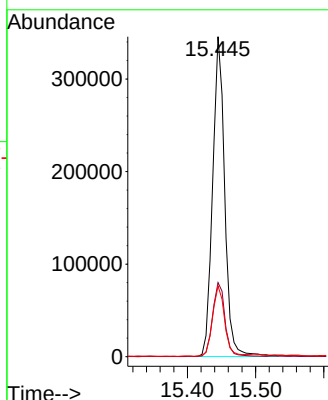
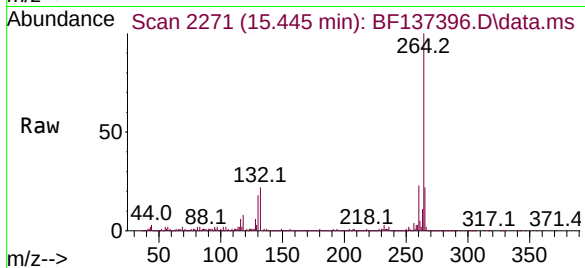
Tgt Ion:264 Resp: 426375

Ion Ratio Lower Upper

264 100

260 23.2 18.5 27.7

265 22.1 16.9 25.3



#87

Indeno(1,2,3-cd)pyrene

Concen: 37.986 ng

RT: 16.945 min Scan# 2526

Delta R.T. -0.023 min

Lab File: BF137396.D

Acq: 26 Feb 2024 20:31

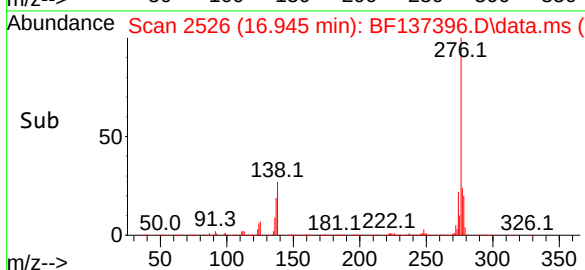
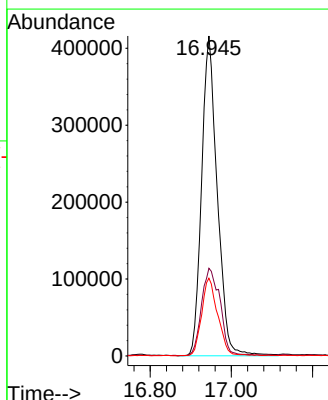
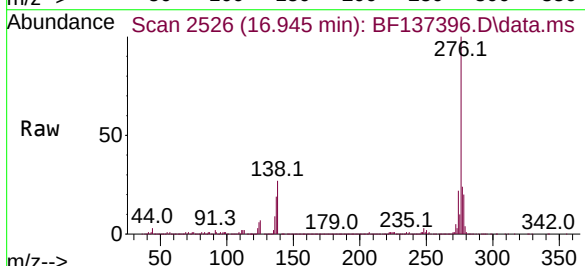
Tgt Ion:276 Resp: 1109482

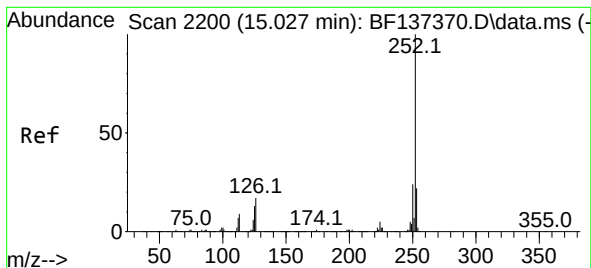
Ion Ratio Lower Upper

276 100

138 32.3 25.8 38.8

277 25.0 19.6 29.4





#88

Benzo(b)fluoranthene

Concen: 51.048 ng

RT: 15.015 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF137396.D

Acq: 26 Feb 2024 20:31

Instrument :

BNA_F

ClientSampleId :

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

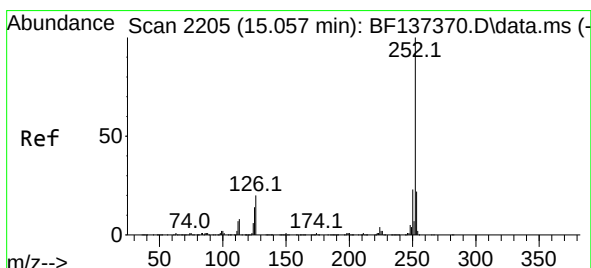
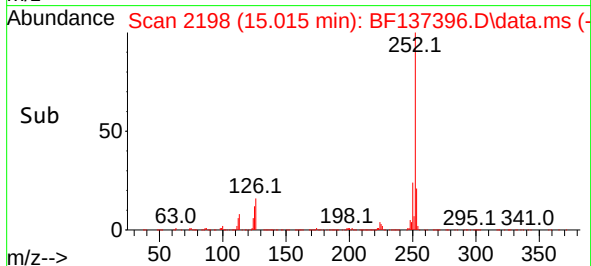
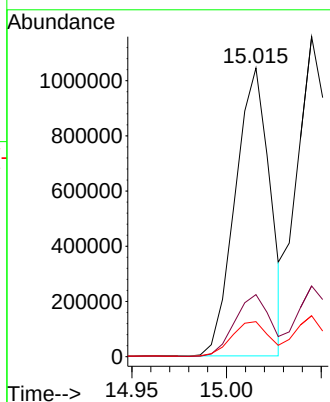
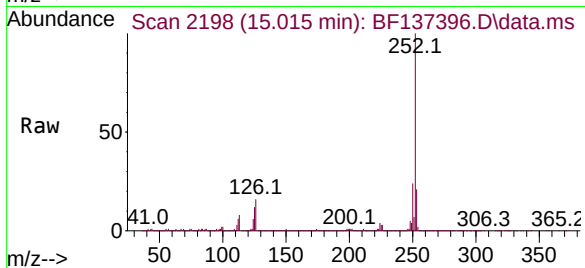
Tgt Ion:252 Resp: 1335213

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.2

125 12.1 10.2 15.2



#89

Benzo(k)fluoranthene

Concen: 46.628 ng

RT: 15.045 min Scan# 2203

Delta R.T. -0.012 min

Lab File: BF137396.D

Acq: 26 Feb 2024 20:31

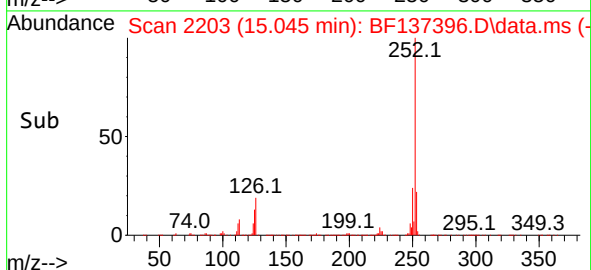
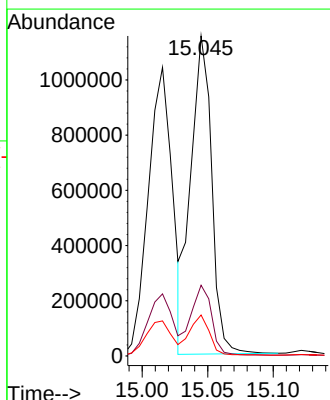
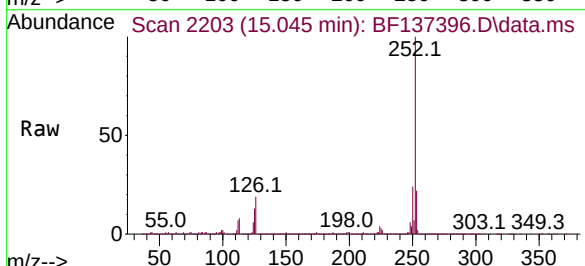
Tgt Ion:252 Resp: 1278261

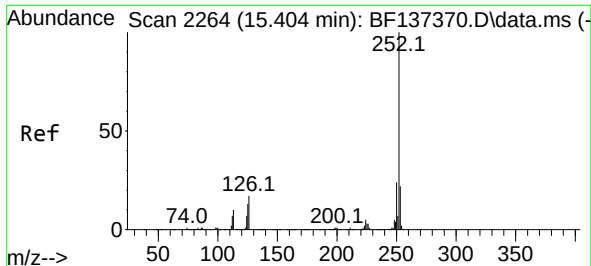
Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 12.8 10.7 16.1

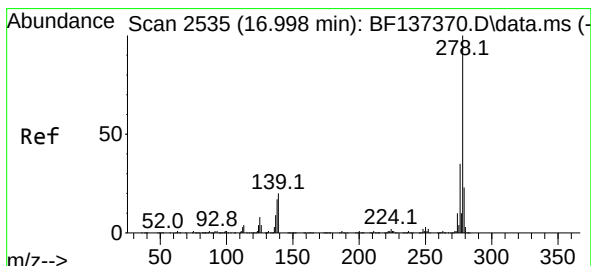
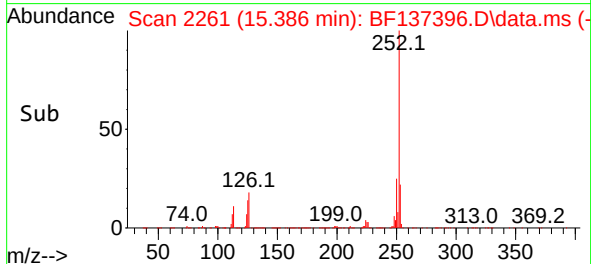
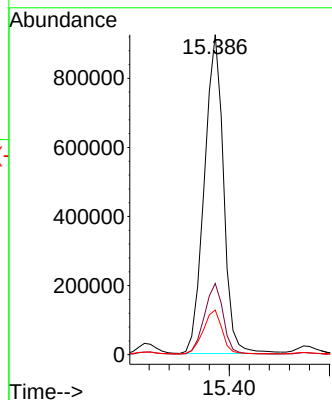
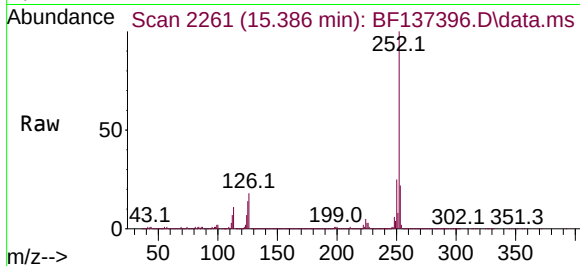




#90
Benzo(a)pyrene
Concen: 49.476 ng
RT: 15.386 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

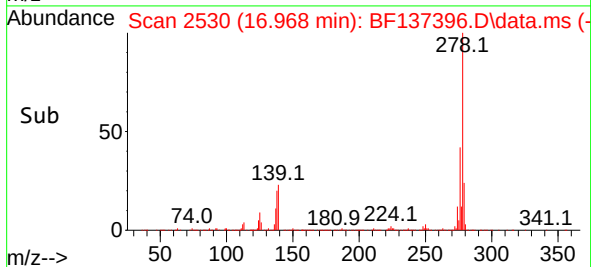
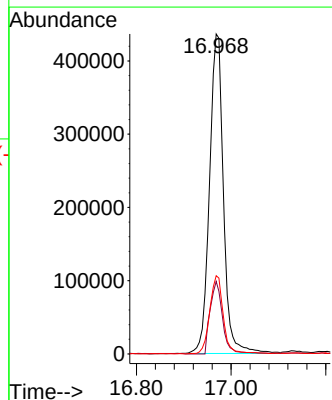
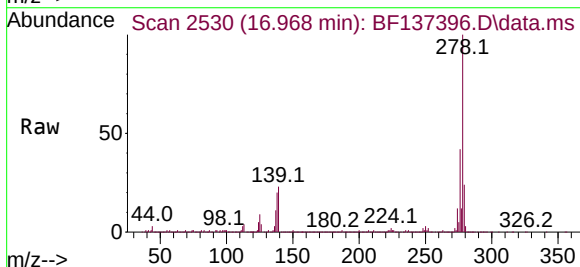
Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

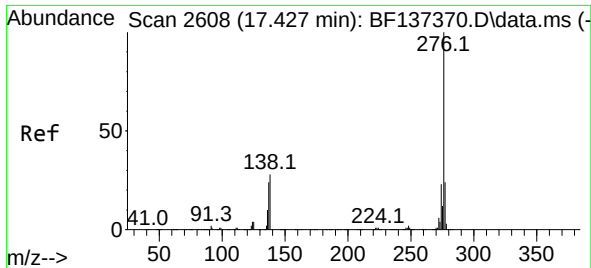
Tgt Ion:252 Resp: 1227500
Ion Ratio Lower Upper
252 100
253 22.3 17.3 25.9
125 13.9 10.6 16.0



#91
Dibenzo(a,h)anthracene
Concen: 37.406 ng
RT: 16.968 min Scan# 2530
Delta R.T. -0.030 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

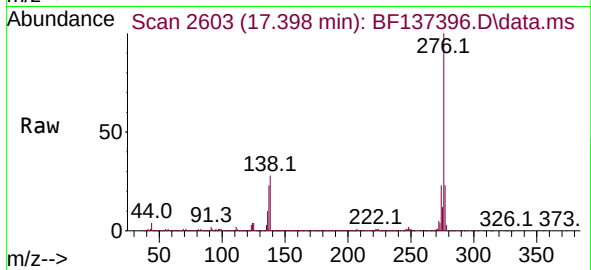
Tgt Ion:278 Resp: 896398
Ion Ratio Lower Upper
278 100
139 22.7 16.2 24.4
279 24.5 18.5 27.7





#92
 Benzo(g,h,i)perylene
 Concen: 32.764 ng
 RT: 17.398 min Scan# 20
 Delta R.T. -0.029 min
 Lab File: BF137396.D
 Acq: 26 Feb 2024 20:31

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



Tgt Ion:	276	Resp:	802205
Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.0	28.4
138	28.1	22.6	33.8

