

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011524\
 Data File : BF137058.D
 Acq On : 15 Jan 2024 11:04
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jan 15 11:35:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	53025	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	203894	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	101406	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	176152	20.000	ng	0.00
76) Chrysene-d12	13.974	240	88987	20.000	ng	0.00
86) Perylene-d12	15.462	264	101626	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	279527	82.252	ng	0.00
7) Phenol-d6	6.439	99	351754	79.880	ng	0.00
23) Nitrobenzene-d5	7.351	82	316054	79.320	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	88860	74.405	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	640282	84.923	ng	-0.01
79) Terphenyl-d14	12.910	244	527524	82.843	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.528	88	57142	40.355	ng	96
3) Pyridine	3.298	79	136249	39.437	ng	93
4) n-Nitrosodimethylamine	3.269	42	68302	37.021	ng	97
6) Aniline	6.457	93	166874	37.903	ng	# 60
8) 2-Chlorophenol	6.581	128	152188	40.922	ng	92
9) Benzaldehyde	6.345	77	97403	38.888	ng	98
10) Phenol	6.451	94	182338	38.789	ng	85
11) bis(2-Chloroethyl)ether	6.528	93	138925	38.861	ng	96
12) 1,3-Dichlorobenzene	6.728	146	166587	41.061	ng	97
13) 1,4-Dichlorobenzene	6.804	146	170087	41.031	ng	97
14) 1,2-Dichlorobenzene	6.957	146	161154	41.778	ng	98
15) Benzyl Alcohol	6.934	79	116626	39.258	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.057	45	218482	37.381	ng	56
17) 2-Methylphenol	7.051	107	121173	39.330	ng	95
18) Hexachloroethane	7.286	117	61603	40.919	ng	96
19) n-Nitroso-di-n-propyla...	7.204	70	103794	38.883	ng	93
20) 3+4-Methylphenols	7.204	107	154889	40.241	ng	# 68
22) Acetophenone	7.198	105	208888	40.874	ng	# 90
24) Nitrobenzene	7.369	77	159234	39.893	ng	97
25) Isophorone	7.610	82	279328	38.526	ng	97
26) 2-Nitrophenol	7.686	139	80047	41.916	ng	98
27) 2,4-Dimethylphenol	7.728	122	93442	40.191	ng	96
28) bis(2-Chloroethoxy)met...	7.816	93	174304	39.551	ng	99
29) 2,4-Dichlorophenol	7.933	162	120527	40.267	ng	94
30) 1,2,4-Trichlorobenzene	8.004	180	137035	41.090	ng	98
31) Naphthalene	8.086	128	454970	40.617	ng	99
32) Benzoic acid	7.863	122	64828	28.818	ng	97
33) 4-Chloroaniline	8.139	127	154380	37.328	ng	98
34) Hexachlorobutadiene	8.198	225	84305	41.607	ng	98
35) Caprolactam	8.516	113	36216	36.677	ng	96
36) 4-Chloro-3-methylphenol	8.633	107	128068	38.006	ng	97
37) 2-Methylnaphthalene	8.775	142	291773	40.474	ng	97
38) 1-Methylnaphthalene	8.875	142	281960	39.867	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	134408	42.798	ng	98
41) Hexachlorocyclopentadiene	8.922	237	28564	31.678	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	80872	40.154	ng	99

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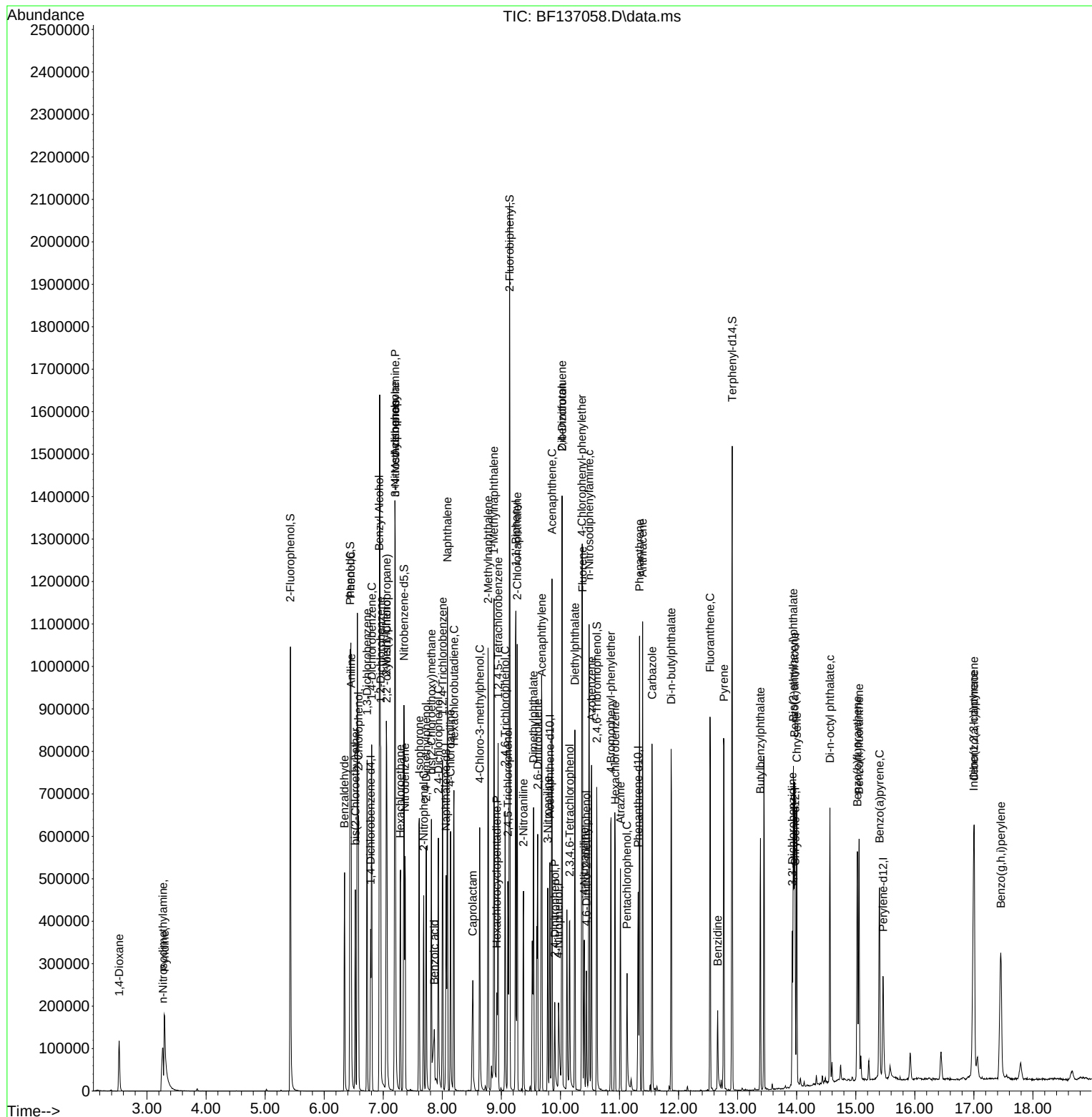
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	86373	38.484	ng	98
46) 1,1'-Biphenyl	9.245	154	350844	41.230	ng	99
47) 2-Chloronaphthalene	9.269	162	267196	41.304	ng	99
48) 2-Nitroaniline	9.375	65	75455	37.247	ng	87
49) Acenaphthylene	9.686	152	399866	40.440	ng	99
50) Dimethylphthalate	9.545	163	284442	38.402	ng	99
51) 2,6-Dinitrotoluene	9.616	165	65109	38.732	ng	99
52) Acenaphthene	9.857	154	249283	40.671	ng	100
53) 3-Nitroaniline	9.786	138	65498	36.782	ng	95
54) 2,4-Dinitrophenol	9.904	184	32819	37.317	ng	92
55) Dibenzofuran	10.027	168	367805	39.586	ng	100
56) 4-Nitrophenol	9.969	139	42145	35.060	ng	93
57) 2,4-Dinitrotoluene	10.027	165	79556	36.455	ng	92
58) Fluorene	10.374	166	295971	40.147	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	61922	35.841	ng	97
60) Diethylphthalate	10.245	149	285567	37.158	ng	98
61) 4-Chlorophenyl-phenyle...	10.363	204	145130	40.501	ng	98
62) 4-Nitroaniline	10.404	138	57134	33.282	ng	91
63) Azobenzene	10.527	77	268036	37.341	ng	96
65) 4,6-Dinitro-2-methylph...	10.439	198	38095	37.736	ng	91
66) n-Nitrosodiphenylamine	10.486	169	246006	42.991	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	83025	42.440	ng	95
68) Hexachlorobenzene	10.927	284	92041	42.218	ng	# 94
69) Atrazine	11.016	200	55644	38.019	ng	99
70) Pentachlorophenol	11.127	266	40413	39.770	ng	99
71) Phenanthrene	11.339	178	369477	40.878	ng	99
72) Anthracene	11.392	178	374003	40.859	ng	100
73) Carbazole	11.551	167	329895	38.226	ng	99
74) Di-n-butylphthalate	11.874	149	410441	38.975	ng	100
75) Fluoranthene	12.533	202	360727	37.311	ng	97
77) Benzidine	12.663	184	94652	36.074	ng	99
78) Pyrene	12.768	202	357746	40.953	ng	100
80) Butylbenzylphthalate	13.386	149	130161	40.949	ng	96
81) Benzo(a)anthracene	13.962	228	256406	41.495	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	78474	44.719	ng	98
83) Chrysene	14.004	228	244133	40.402	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	177217	44.312	ng	97
85) Di-n-octyl phthalate	14.562	149	286676	46.340	ng	99
87) Indeno(1,2,3-cd)pyrene	16.998	276	332167	45.270	ng	99
88) Benzo(b)fluoranthene	15.027	252	250953	36.972	ng	98
89) Benzo(k)fluoranthene	15.057	252	242036	37.737	ng	98
90) Benzo(a)pyrene	15.404	252	228893	39.950	ng	98
91) Dibenzo(a,h)anthracene	17.003	278	276390	45.914	ng	97
92) Benzo(g,h,i)perylene	17.456	276	281098	45.592	ng	99

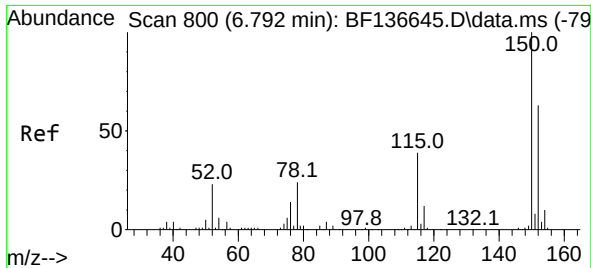
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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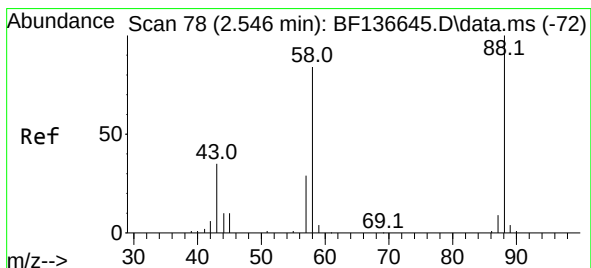
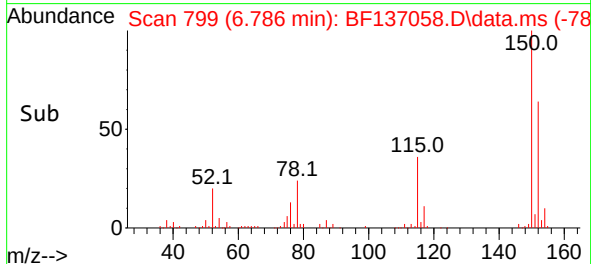
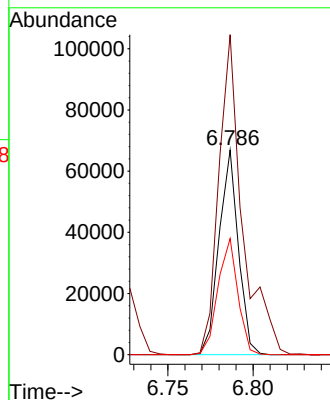
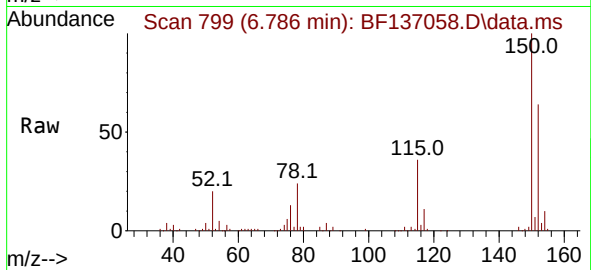




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.786 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF137058.D
 Acq: 15 Jan 2024 11:04

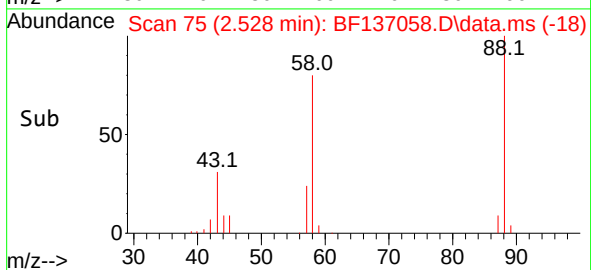
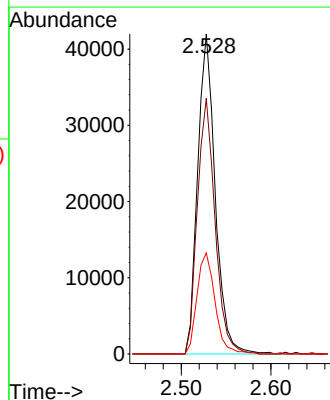
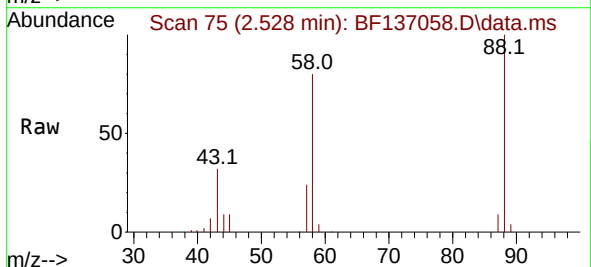
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 BNA_F
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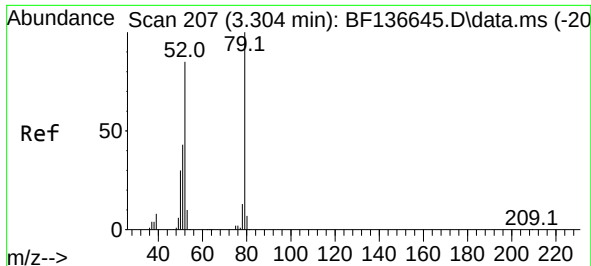
Tgt Ion:152 Resp: 53025
 Ion Ratio Lower Upper
 152 100
 150 156.3 127.0 190.6
 115 56.8 49.0 73.4



#2
 1,4-Dioxane
 Concen: 40.355 ng
 RT: 2.528 min Scan# 75
 Delta R.T. -0.018 min
 Lab File: BF137058.D
 Acq: 15 Jan 2024 11:04

Tgt Ion: 88 Resp: 57142
 Ion Ratio Lower Upper
 88 100
 58 80.5 67.4 101.0
 43 32.4 27.7 41.5

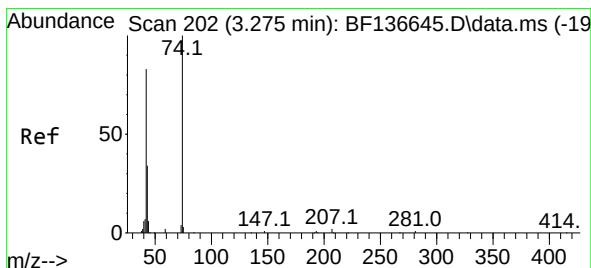
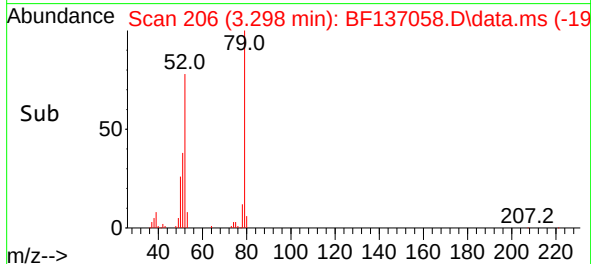
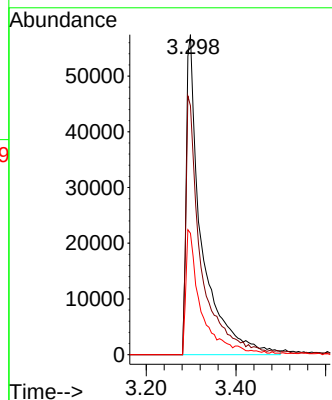
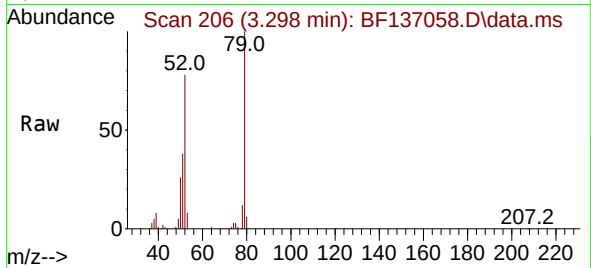




#3
Pyridine
Concen: 39.437 ng
RT: 3.298 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF137058.D
Acq: 15 Jan 2024 11:04

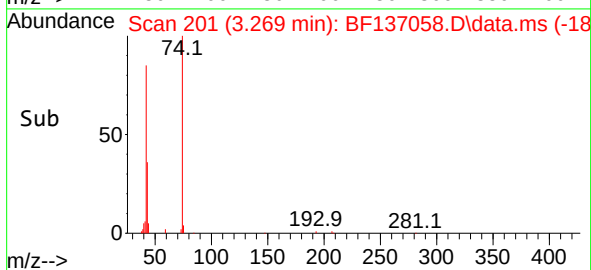
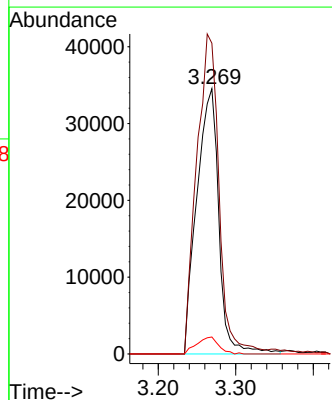
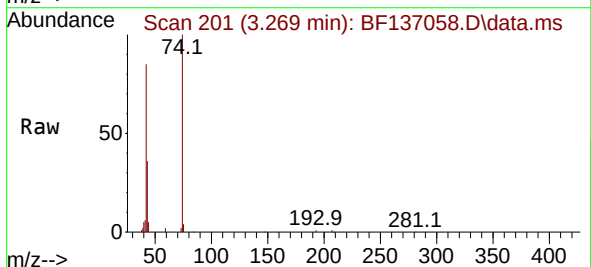
Instrument :
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ClientSampleId :
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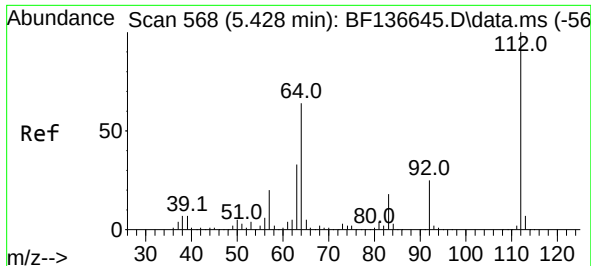
Tgt Ion: 79 Resp: 136249
Ion Ratio Lower Upper
79 100
52 77.8 67.7 101.5
51 38.0 34.0 51.0



#4
n-Nitrosodimethylamine
Concen: 37.021 ng
RT: 3.269 min Scan# 201
Delta R.T. -0.006 min
Lab File: BF137058.D
Acq: 15 Jan 2024 11:04

Tgt Ion: 42 Resp: 68302
Ion Ratio Lower Upper
42 100
74 117.1 96.0 144.0
44 6.4 5.4 8.2

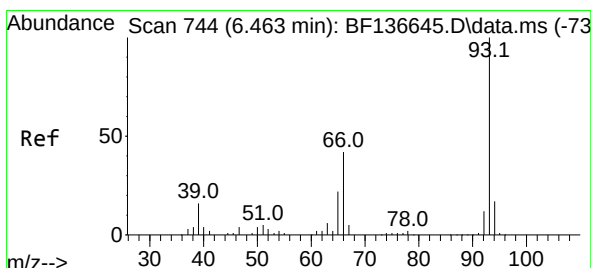
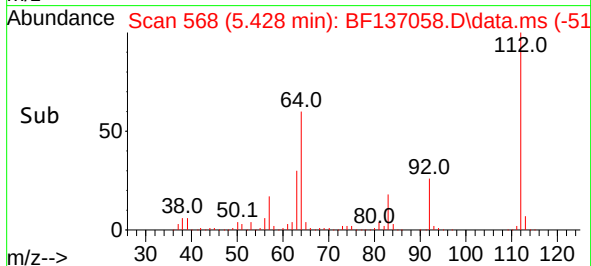
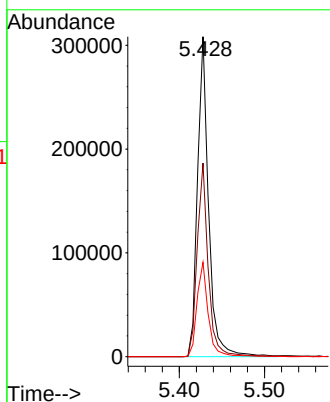
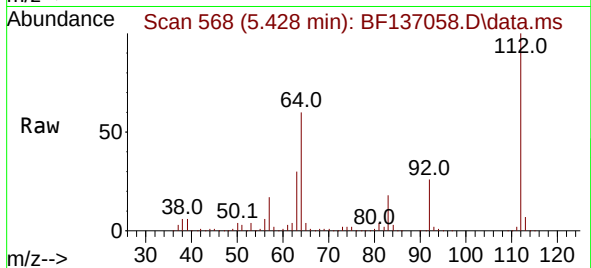




#5
2-Fluorophenol
Concen: 82.252 ng
RT: 5.428 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF137058.D
Acq: 15 Jan 2024 11:04

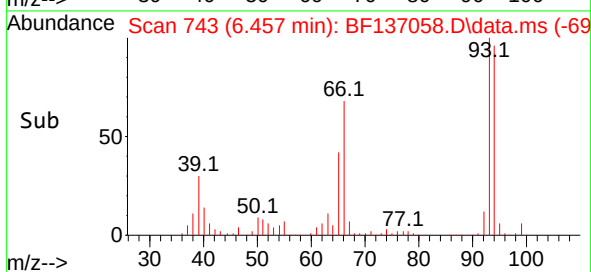
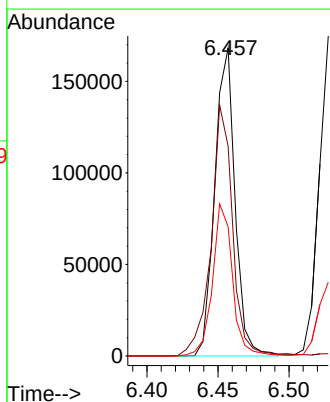
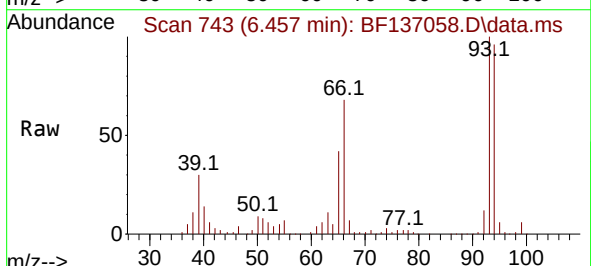
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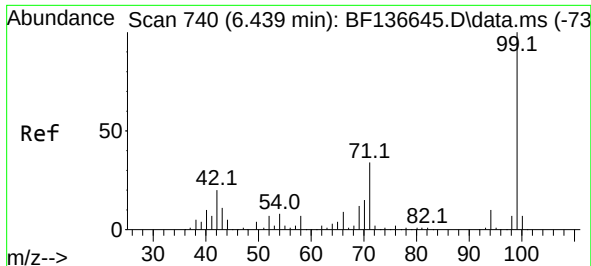
Tgt Ion:112 Resp: 279527
Ion Ratio Lower Upper
112 100
64 60.5 51.1 76.7
63 29.5 26.1 39.1



#6
Aniline
Concen: 37.903 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF137058.D
Acq: 15 Jan 2024 11:04

Tgt Ion: 93 Resp: 166874
Ion Ratio Lower Upper
93 100
66 68.1 34.6 51.8#
65 41.9 17.8 26.8#





#7

Phenol-d6

Concen: 79.880 ng

RT: 6.439 min Scan# 740

Delta R.T. 0.000 min

Lab File: BF137058.D

Acq: 15 Jan 2024 11:04

Instrument :

BNA_F

ClientSampleId :

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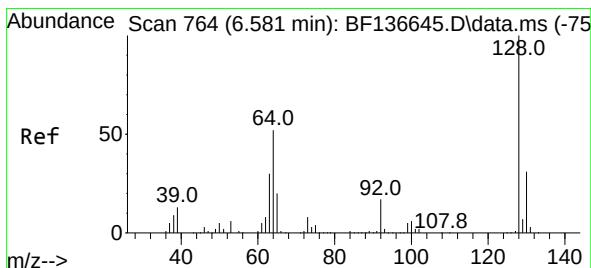
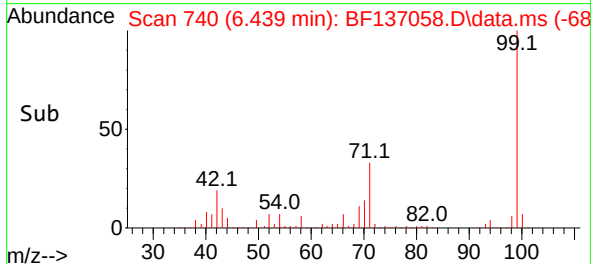
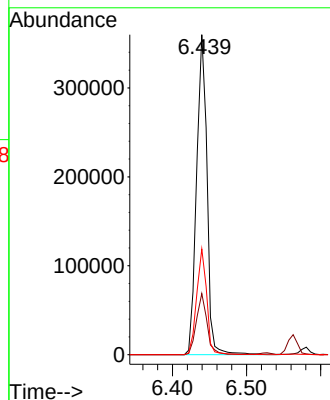
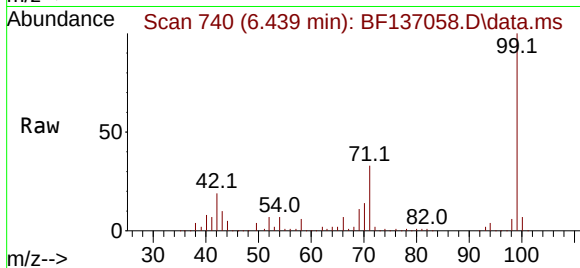
Tgt Ion: 99 Resp: 351754

Ion Ratio Lower Upper

99 100

42 19.1 16.1 24.1

71 33.0 27.4 41.2



#8

2-Chlorophenol

Concen: 40.922 ng

RT: 6.581 min Scan# 764

Delta R.T. 0.000 min

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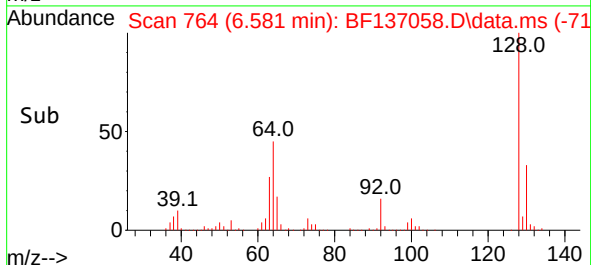
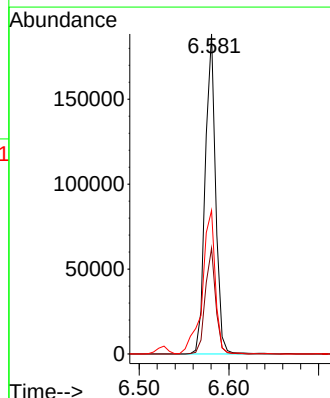
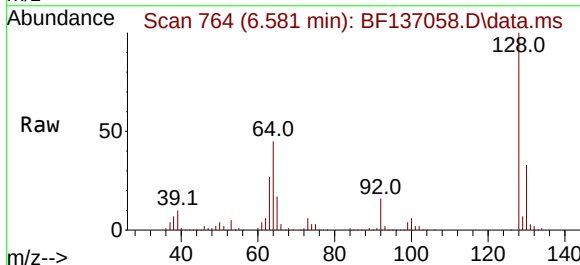
Tgt Ion:128 Resp: 152188

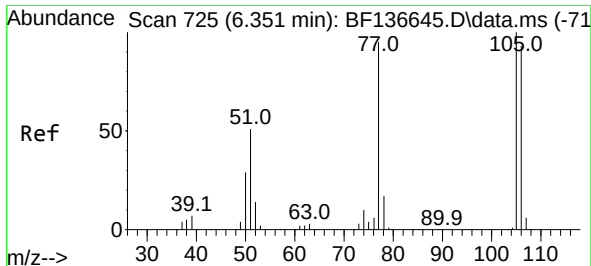
Ion Ratio Lower Upper

128 100

130 33.1 11.3 51.3

64 44.9 32.5 72.5

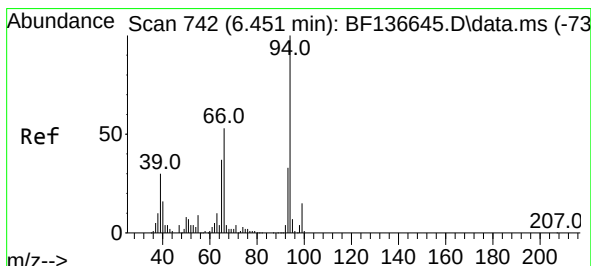
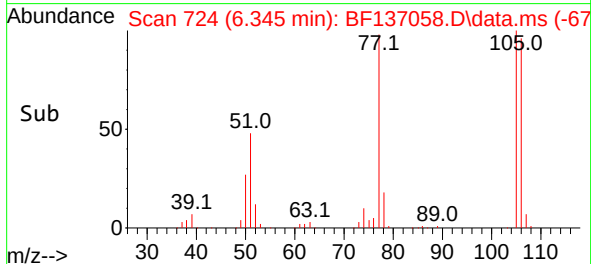
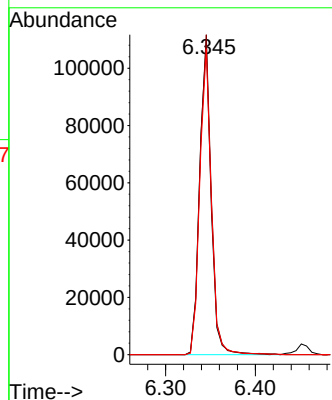
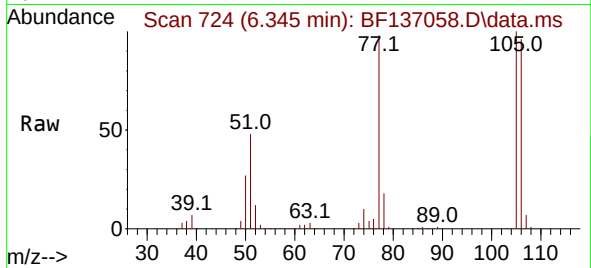




#9
Benzaldehyde
Concen: 38.888 ng
RT: 6.345 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137058.D
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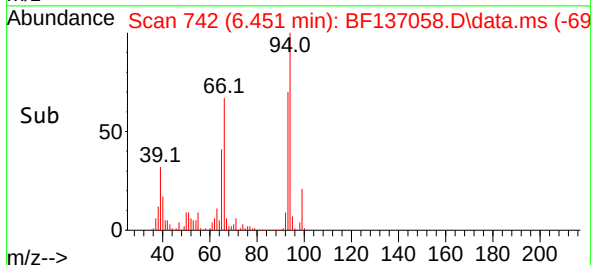
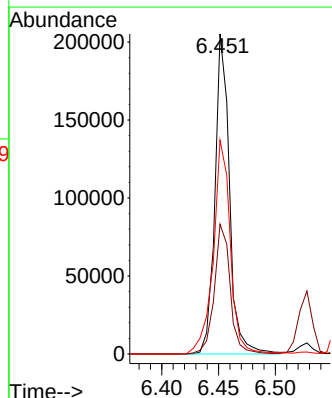
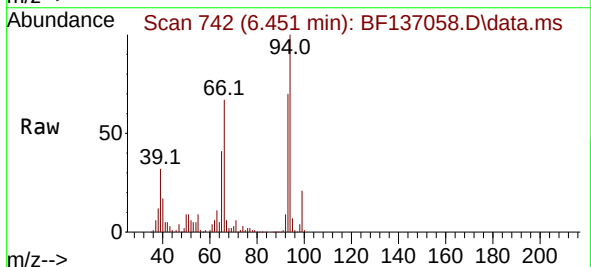
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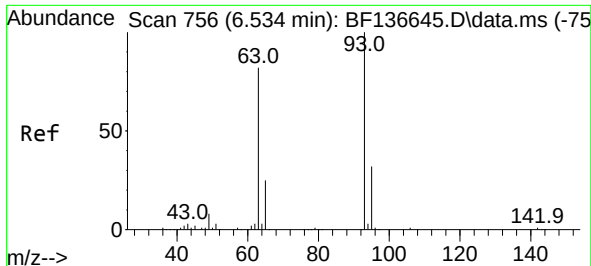
Tgt Ion: 77 Resp: 97403
Ion Ratio Lower Upper
77 100
105 101.6 84.8 124.8
106 97.2 77.8 117.8



#10
Phenol
Concen: 38.789 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.000 min
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Tgt Ion: 94 Resp: 182338
Ion Ratio Lower Upper
94 100
65 40.5 16.6 56.6
66 66.8 32.6 72.6





#11

bis(2-Chloroethyl)ether

Concen: 38.861 ng

RT: 6.528 min Scan# 755

Delta R.T. -0.006 min

Lab File: BF137058.D

Acq: 15 Jan 2024 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

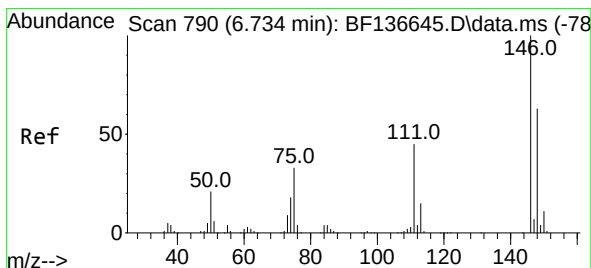
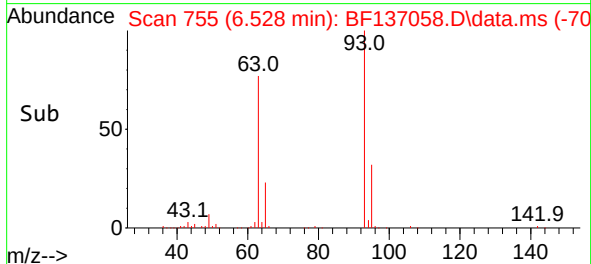
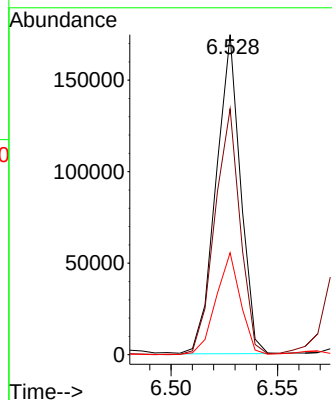
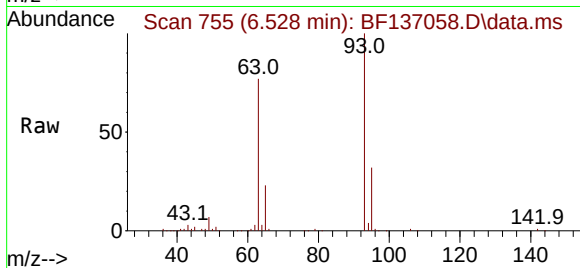
Tgt Ion: 93 Resp: 138925

Ion Ratio Lower Upper

93 100

63 76.9 61.2 101.2

95 31.9 11.6 51.6



#12

1,3-Dichlorobenzene

Concen: 41.061 ng

RT: 6.728 min Scan# 789

Delta R.T. -0.006 min

Lab File: BF137058.D

Acq: 15 Jan 2024 11:04

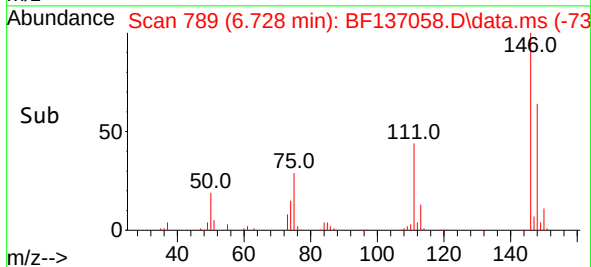
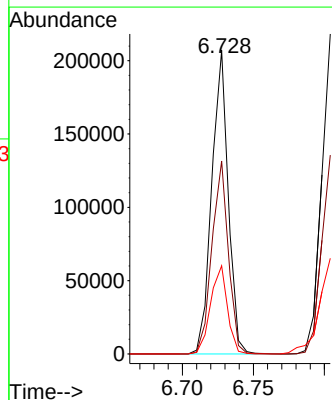
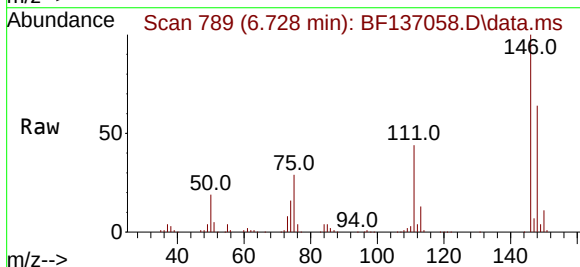
Tgt Ion: 146 Resp: 166587

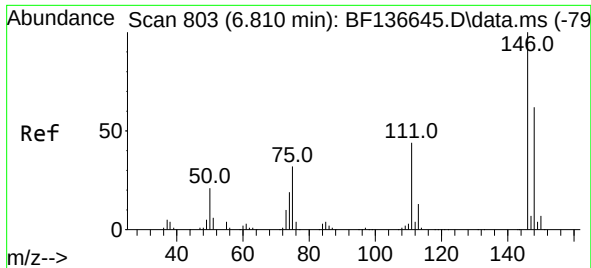
Ion Ratio Lower Upper

146 100

148 63.5 50.5 75.7

75 29.1 26.2 39.4

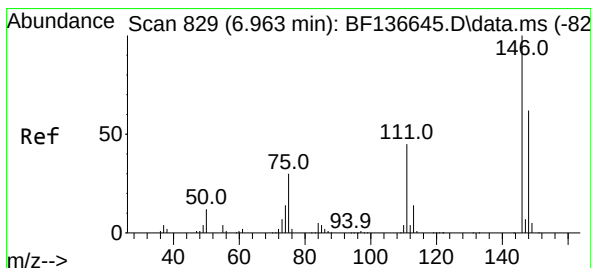
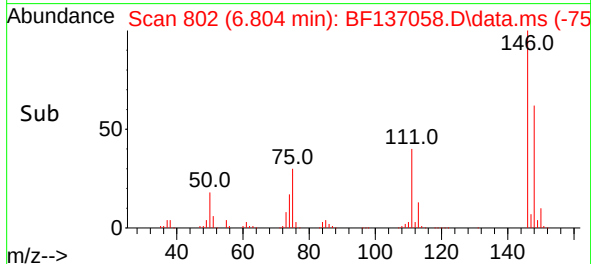
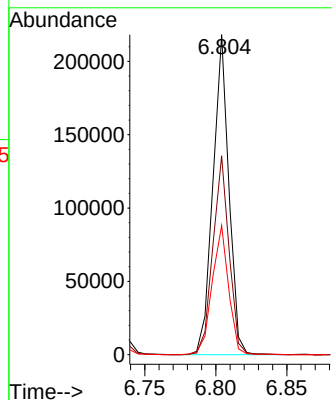
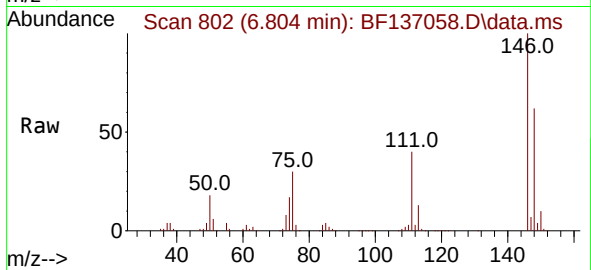




#13
1,4-Dichlorobenzene
Concen: 41.031 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF137058.D
Acq: 15 Jan 2024 11:04

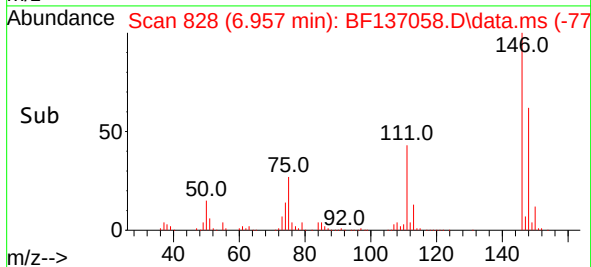
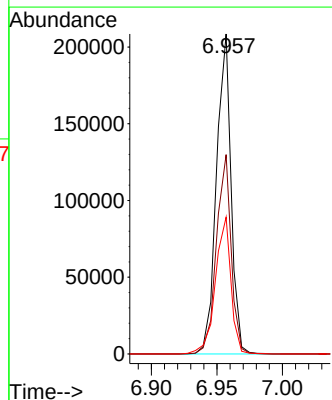
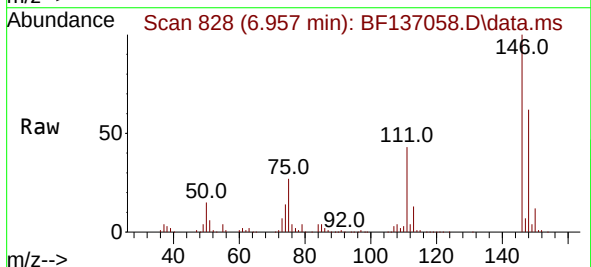
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

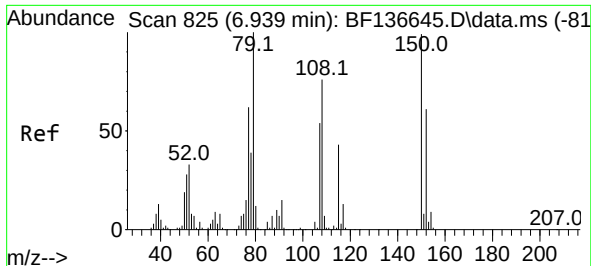
Tgt Ion:146 Resp: 170087
Ion Ratio Lower Upper
146 100
148 62.2 49.2 73.8
111 40.4 35.2 52.8



#14
1,2-Dichlorobenzene
Concen: 41.778 ng
RT: 6.957 min Scan# 828
Delta R.T. -0.006 min
Lab File: BF137058.D
Acq: 15 Jan 2024 11:04

Tgt Ion:146 Resp: 161154
Ion Ratio Lower Upper
146 100
148 62.3 49.6 74.4
111 42.8 36.2 54.2

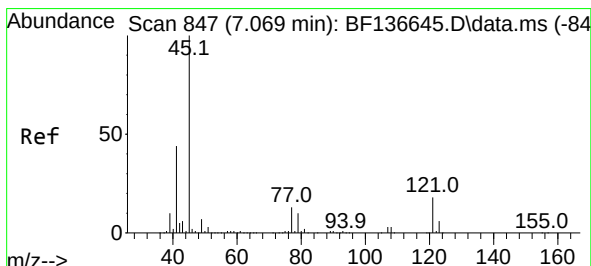
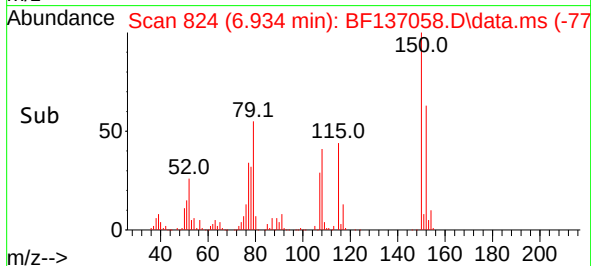
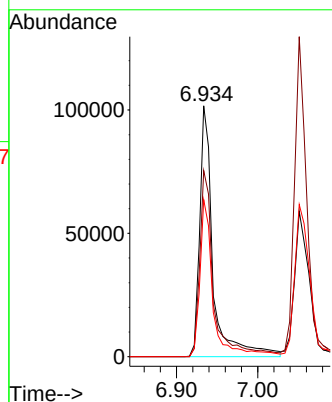
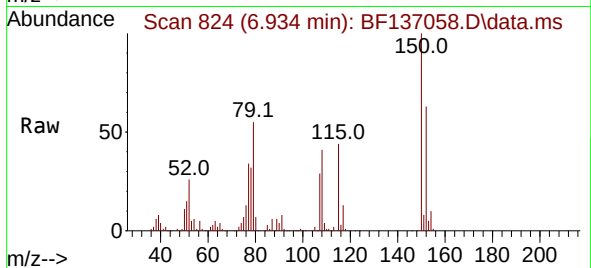




#15
Benzyl Alcohol
Concen: 39.258 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137058.D
Acq: 15 Jan 2024 11:04

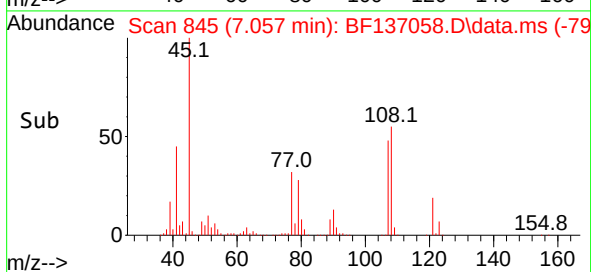
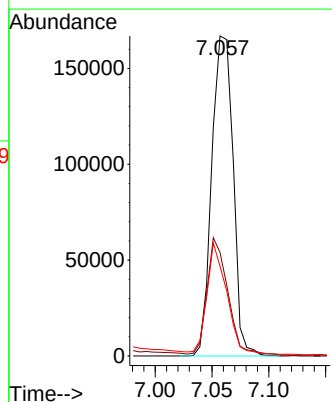
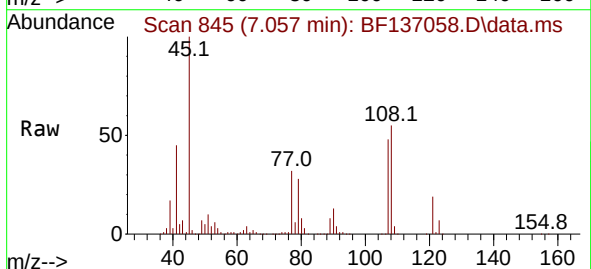
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

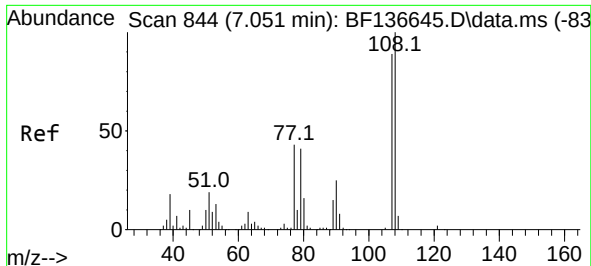
Tgt Ion: 79 Resp: 116626
Ion Ratio Lower Upper
79 100
108 74.2 61.0 91.6
77 62.6 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.381 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF137058.D
Acq: 15 Jan 2024 11:04

Tgt Ion: 45 Resp: 218482
Ion Ratio Lower Upper
45 100
77 32.3 0.0 34.3
79 28.0 0.0 31.4



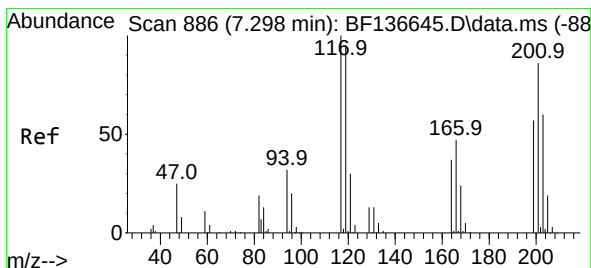
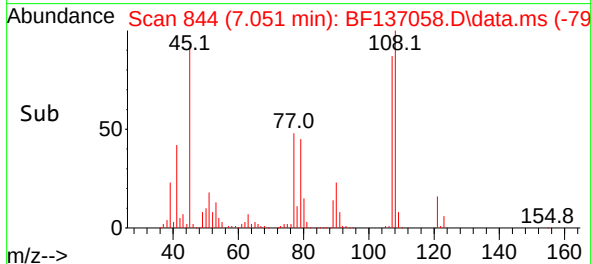
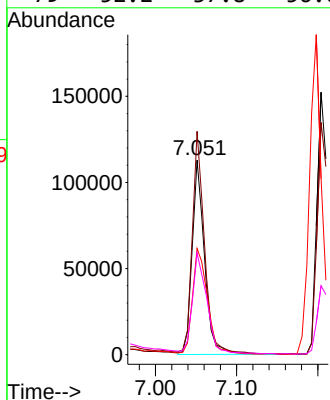
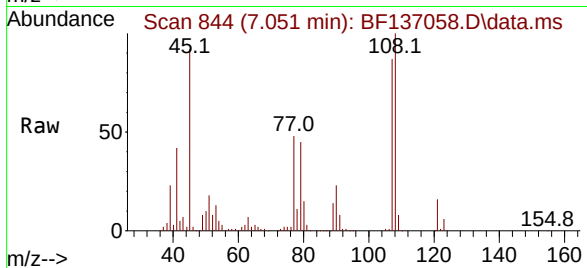


#17
2-Methylphenol
Concen: 39.330 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF137058.D
Acq: 15 Jan 2024 11:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 121173

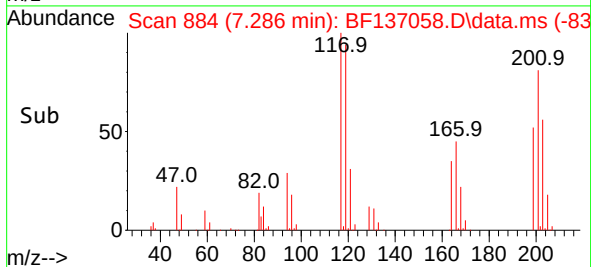
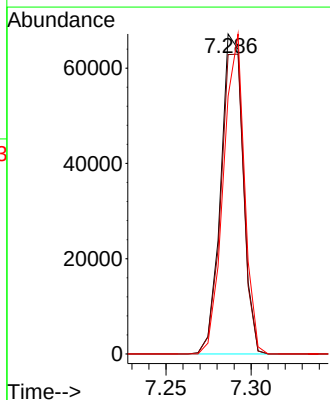
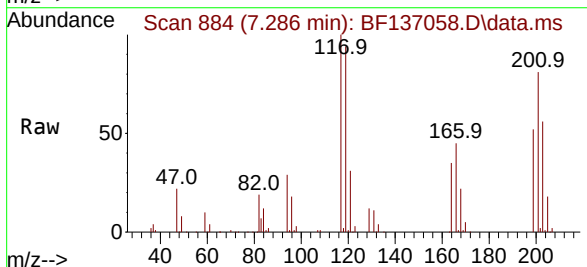
Ion	Ratio	Lower	Upper
107	100		
108	114.8	90.3	135.5
77	54.6	38.7	58.1
79	52.2	37.8	56.6

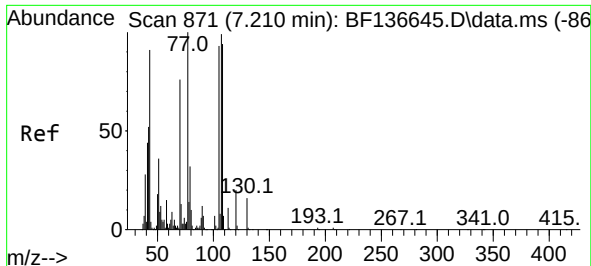


#18
Hexachloroethane
Concen: 40.919 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF137058.D
Acq: 15 Jan 2024 11:04

Tgt Ion:117 Resp: 61603

Ion	Ratio	Lower	Upper
117	100		
119	93.5	75.8	113.6
201	80.6	69.1	103.7

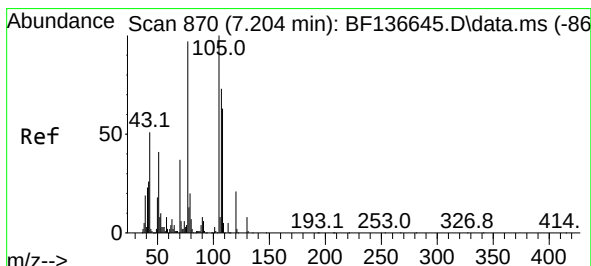
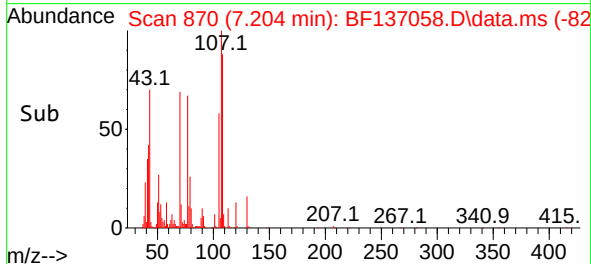
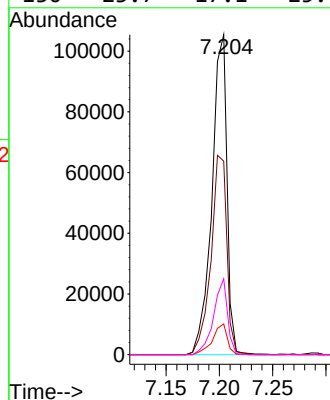
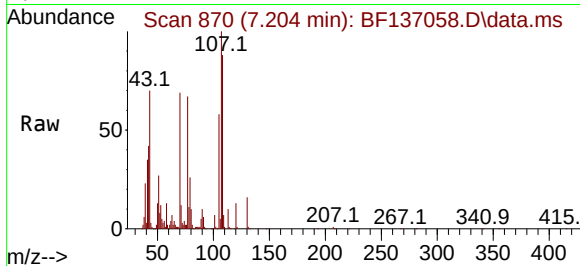




#19
n-Nitroso-di-n-propylamine
Concen: 38.883 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137058.D
Acq: 15 Jan 2024 11:04

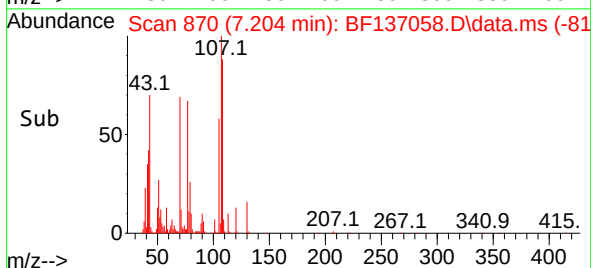
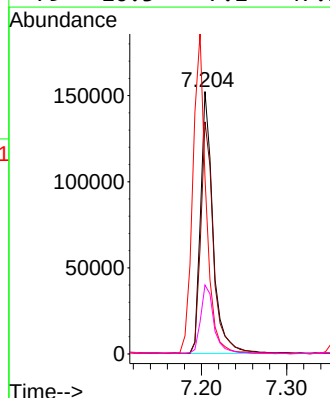
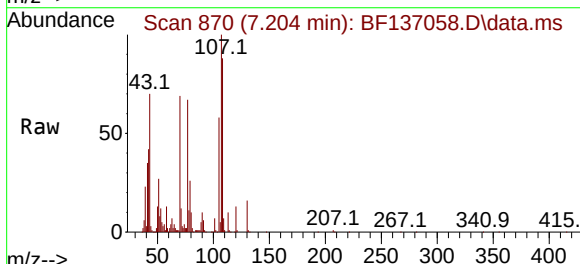
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

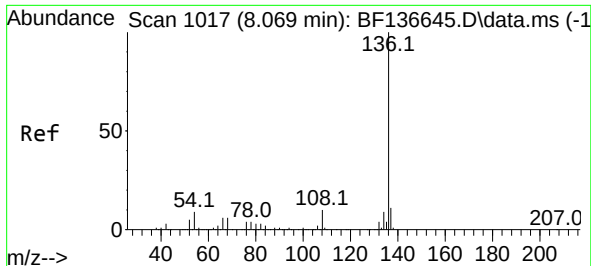
Tgt Ion: 70 Resp: 103794
Ion Ratio Lower Upper
70 100
42 60.5 54.2 81.4
101 9.6 7.6 11.4
130 23.7 17.1 25.7



#20
3+4-Methylphenols
Concen: 40.241 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF137058.D
Acq: 15 Jan 2024 11:04

Tgt Ion: 107 Resp: 154889
Ion Ratio Lower Upper
107 100
108 88.5 66.0 106.0
77 67.1 114.2 154.2#
79 26.3 7.2 47.2

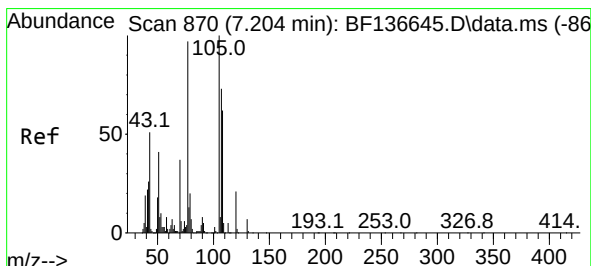
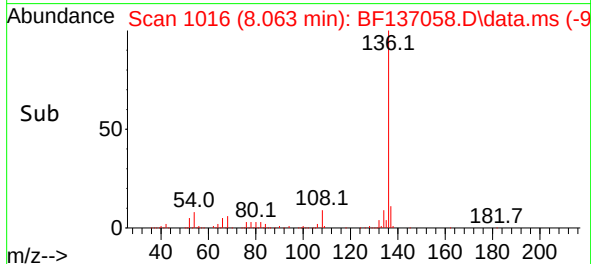
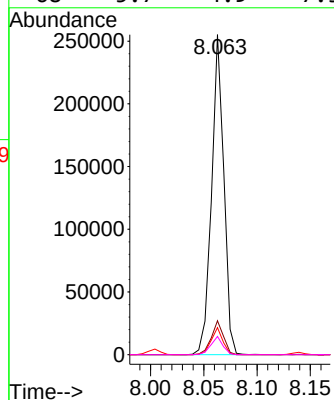
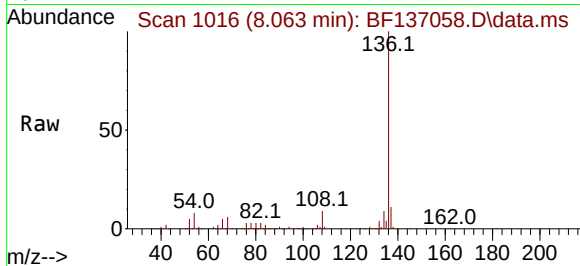




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF137058.D
Acq: 15 Jan 2024 11:04

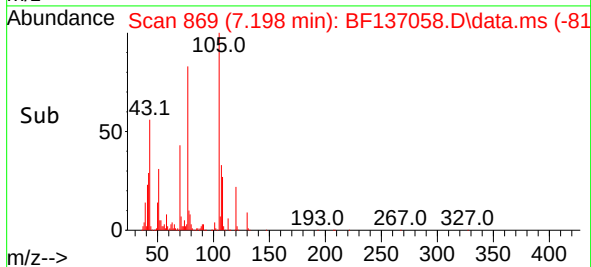
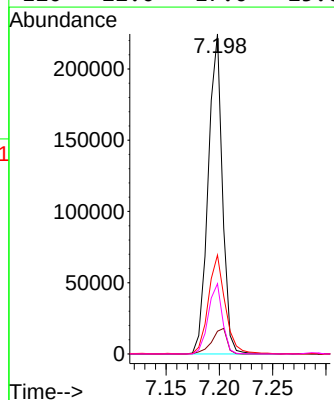
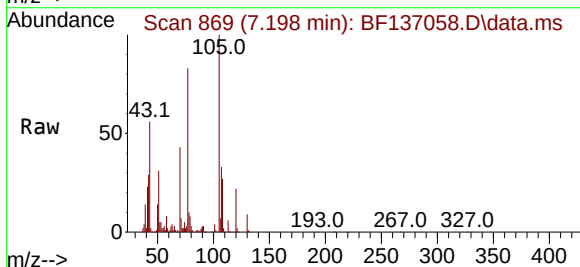
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

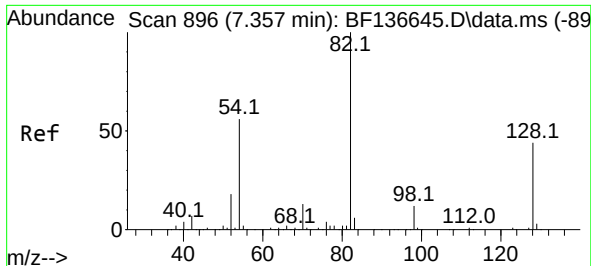
Tgt Ion:136	Resp:	203894	
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	8.5	7.2	10.8
68	5.7	4.9	7.3



#22
Acetophenone
Concen: 40.874 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF137058.D
Acq: 15 Jan 2024 11:04

Tgt	Ion:105	Resp:	208888
Ion	Ratio	Lower	Upper
105	100		
71	7.1	4.8	7.2
51	30.9	32.8	49.2#
120	22.0	17.0	25.6





#23

Nitrobenzene-d5

Concen: 79.320 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF137058.D

Acq: 15 Jan 2024 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

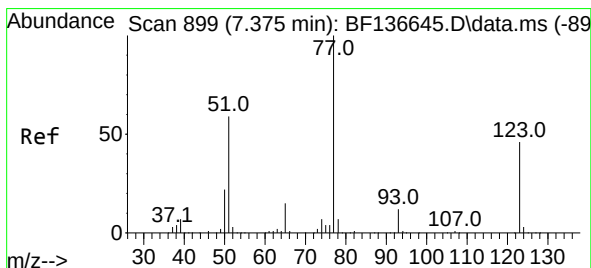
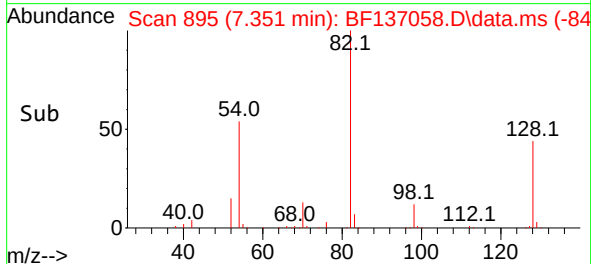
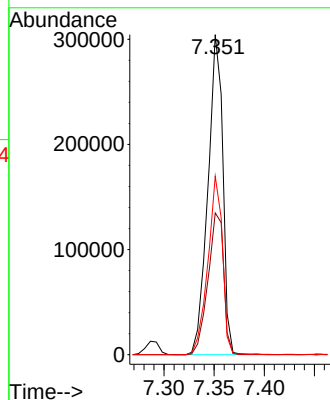
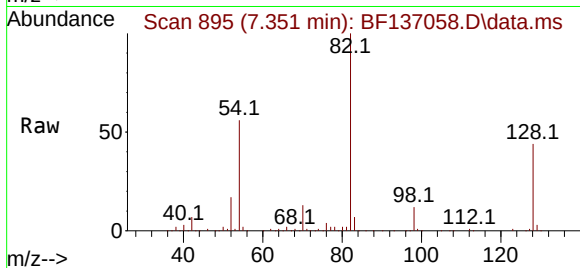
Tgt Ion: 82 Resp: 316054

Ion Ratio Lower Upper

82 100

128 44.3 35.3 52.9

54 55.8 44.5 66.7



#24

Nitrobenzene

Concen: 39.893 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF137058.D

Acq: 15 Jan 2024 11:04

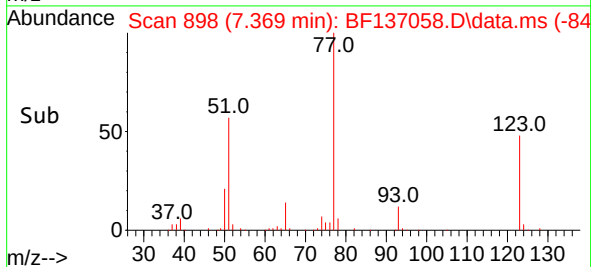
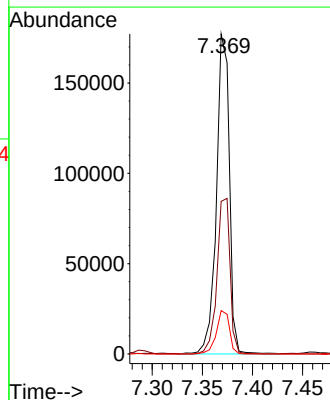
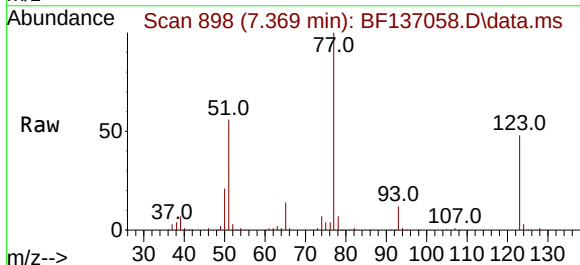
Tgt Ion: 77 Resp: 159234

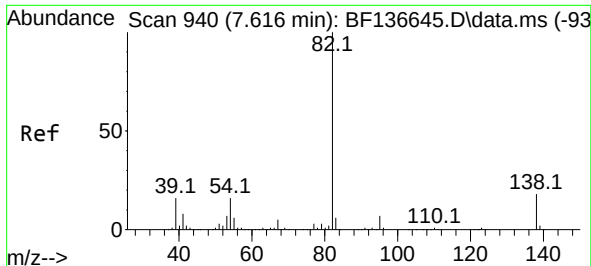
Ion Ratio Lower Upper

77 100

123 47.7 36.7 55.1

65 13.6 11.8 17.6

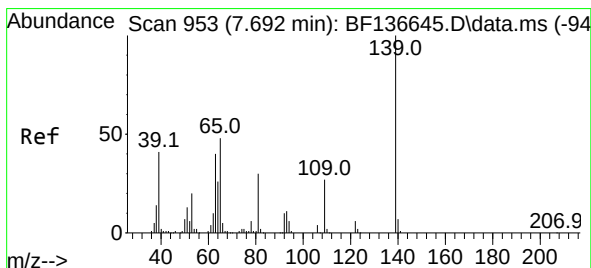
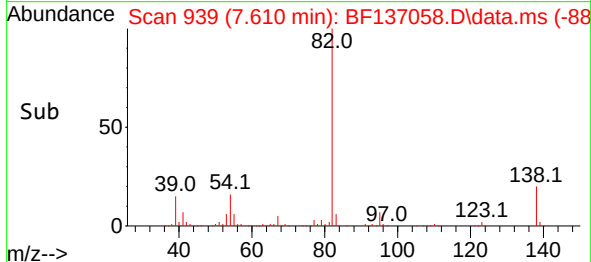
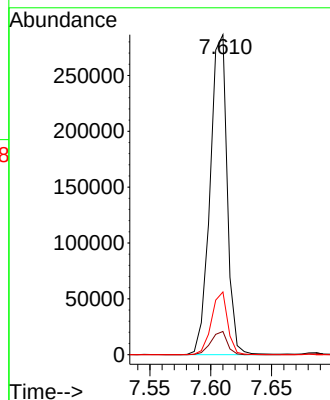
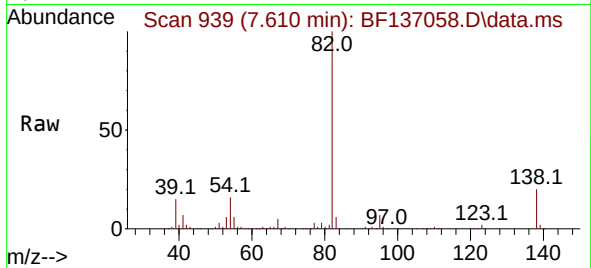




#25
Isophorone
Concen: 38.526 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF137058.D
Acq: 15 Jan 2024 11:04

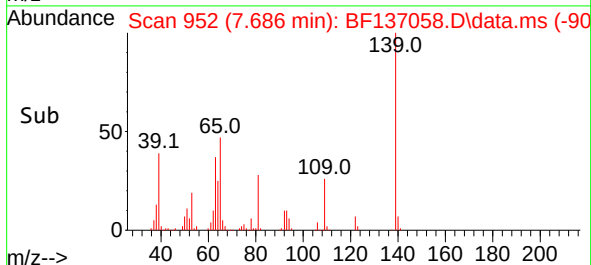
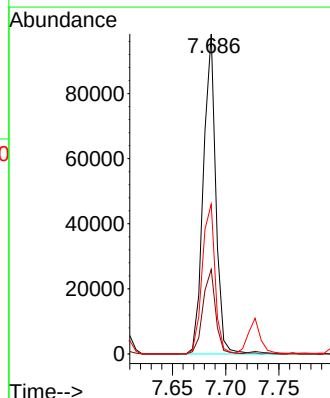
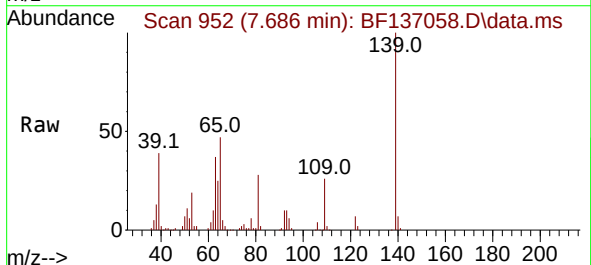
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

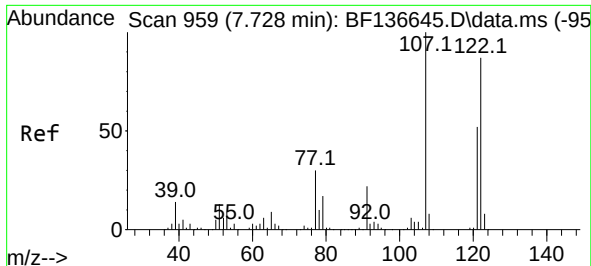
Tgt Ion: 82 Resp: 279328
Ion Ratio Lower Upper
82 100
95 7.3 5.5 8.3
138 19.6 14.5 21.7



#26
2-Nitrophenol
Concen: 41.916 ng
RT: 7.686 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF137058.D
Acq: 15 Jan 2024 11:04

Tgt Ion: 139 Resp: 80047
Ion Ratio Lower Upper
139 100
109 26.4 21.9 32.9
65 46.8 38.6 58.0

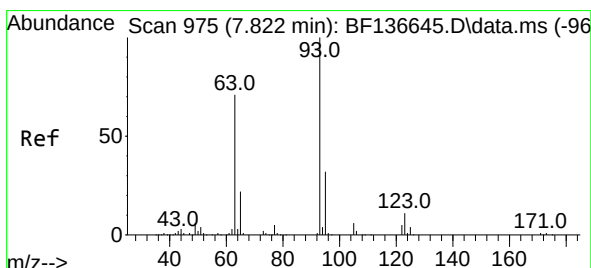
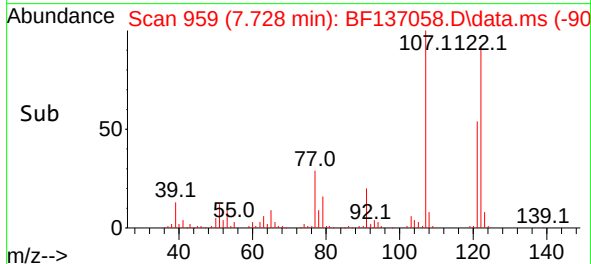
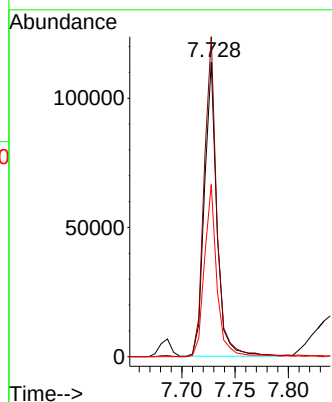
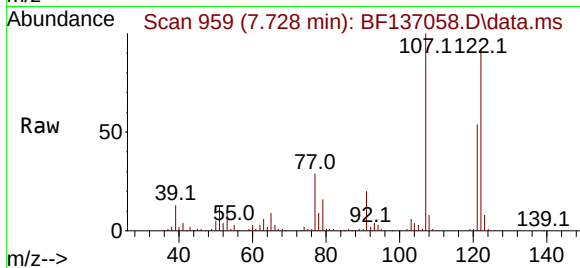




#27
2,4-Dimethylphenol
Concen: 40.191 ng
RT: 7.728 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF137058.D
Acq: 15 Jan 2024 11:04

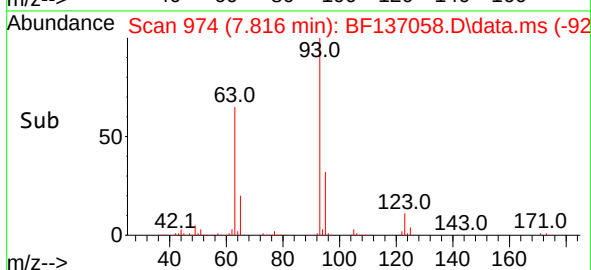
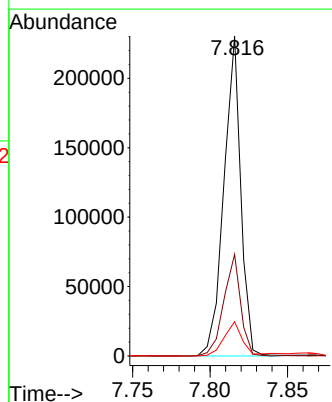
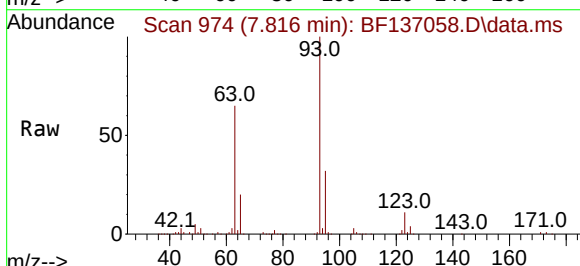
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

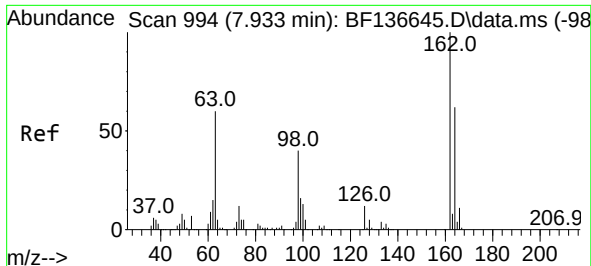
Tgt Ion:122 Resp: 93442
Ion Ratio Lower Upper
122 100
107 108.6 92.0 138.0
121 58.4 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 39.551 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF137058.D
Acq: 15 Jan 2024 11:04

Tgt Ion: 93 Resp: 174304
Ion Ratio Lower Upper
93 100
95 31.8 25.5 38.3
123 10.7 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 40.267 ng

RT: 7.933 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF137058.D

Acq: 15 Jan 2024 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

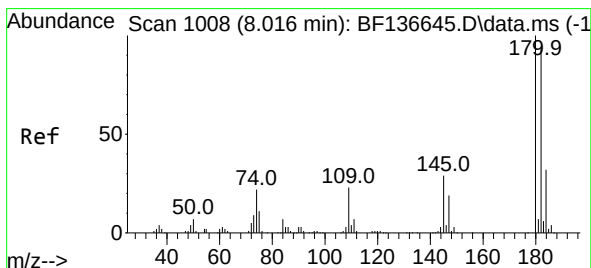
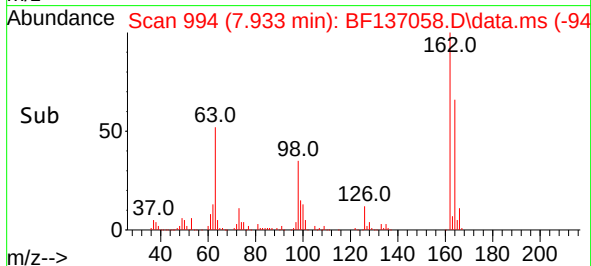
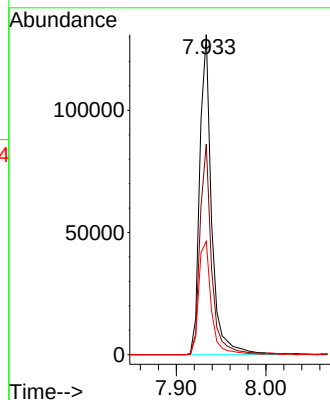
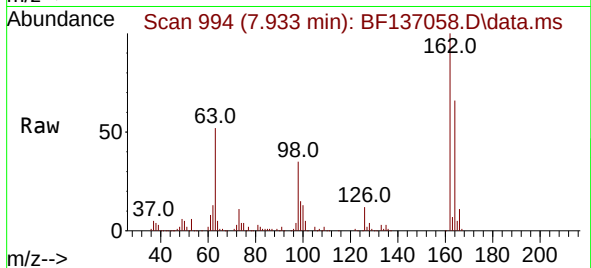
Tgt Ion:162 Resp: 120527

Ion Ratio Lower Upper

162 100

164 65.8 41.7 81.7

98 35.5 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 41.090 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.012 min

Lab File: BF137058.D

Acq: 15 Jan 2024 11:04

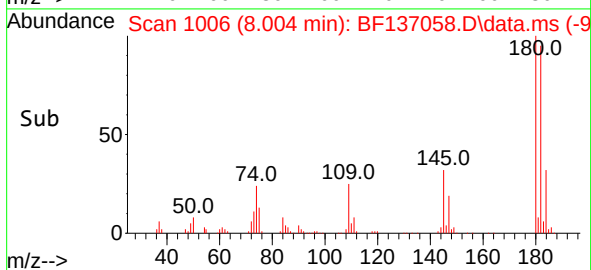
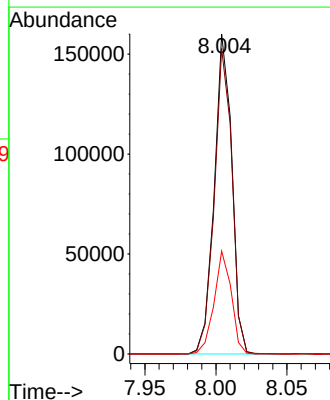
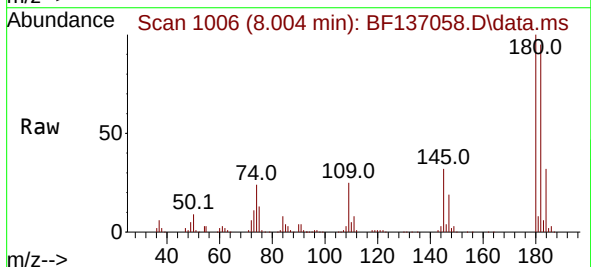
Tgt Ion:180 Resp: 137035

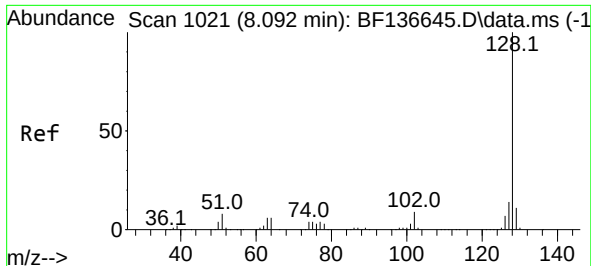
Ion Ratio Lower Upper

180 100

182 95.4 75.4 113.0

145 32.2 23.1 34.7

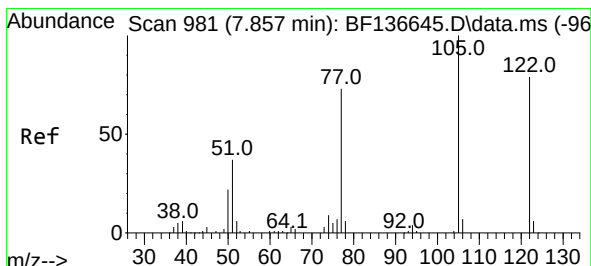
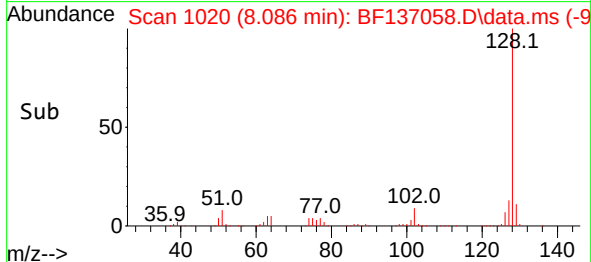
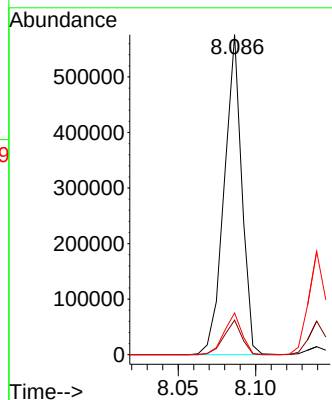
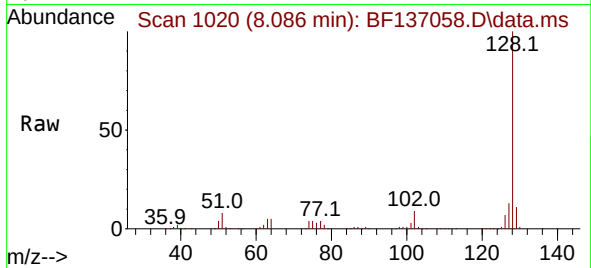




#31
Naphthalene
Concen: 40.617 ng
RT: 8.086 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF137058.D
Acq: 15 Jan 2024 11:04

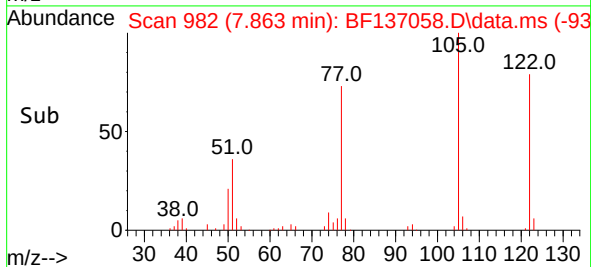
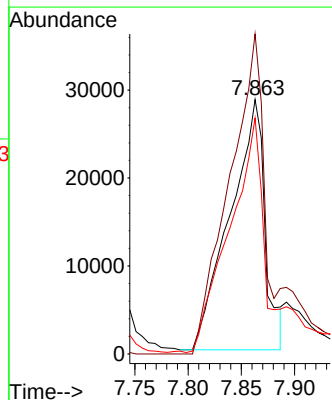
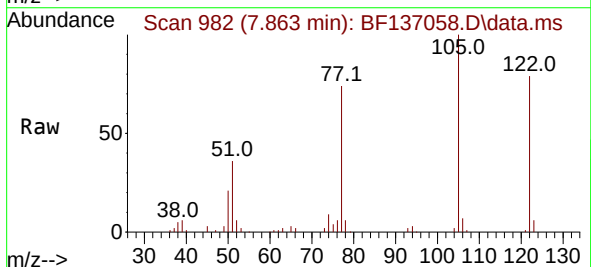
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

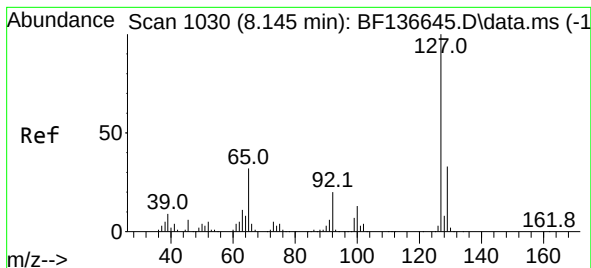
Tgt Ion:128 Resp: 454970
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.0 10.8 16.2



#32
Benzoic acid
Concen: 28.818 ng
RT: 7.863 min Scan# 982
Delta R.T. 0.006 min
Lab File: BF137058.D
Acq: 15 Jan 2024 11:04

Tgt Ion:122 Resp: 64828
Ion Ratio Lower Upper
122 100
105 125.8 100.8 140.8
77 92.8 70.9 110.9





#33

4-Chloroaniline

Concen: 37.328 ng

RT: 8.139 min Scan# 1029

Delta R.T. -0.006 min

Lab File: BF137058.D

Acq: 15 Jan 2024 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 154380

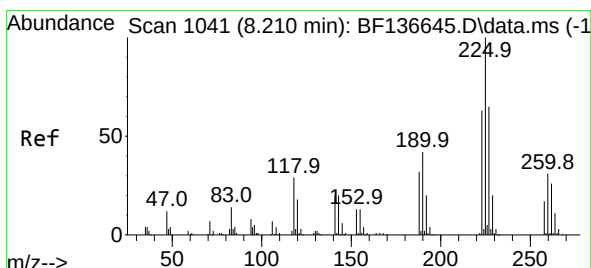
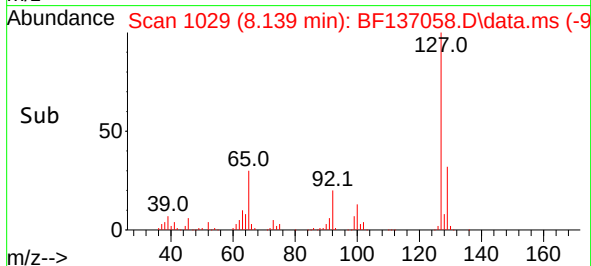
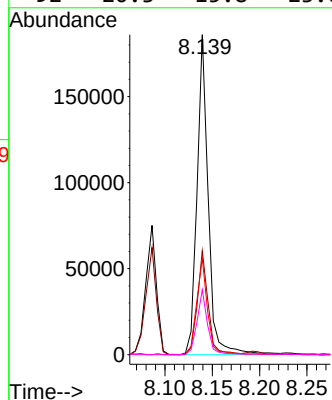
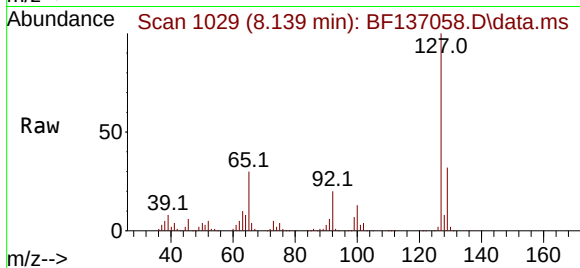
Ion Ratio Lower Upper

127 100

129 32.5 26.3 39.5

65 30.1 25.8 38.8

92 20.3 15.8 23.6



#34

Hexachlorobutadiene

Concen: 41.607 ng

RT: 8.198 min Scan# 1039

Delta R.T. -0.012 min

Lab File: BF137058.D

Acq: 15 Jan 2024 11:04

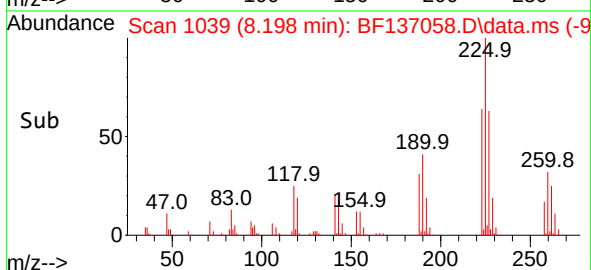
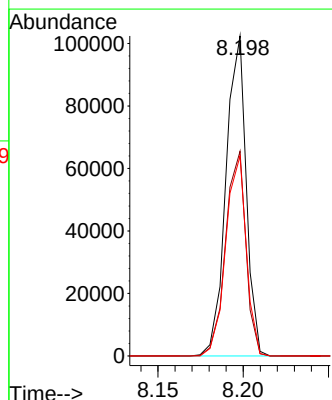
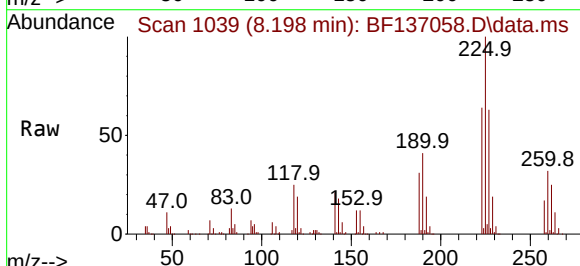
Tgt Ion:225 Resp: 84305

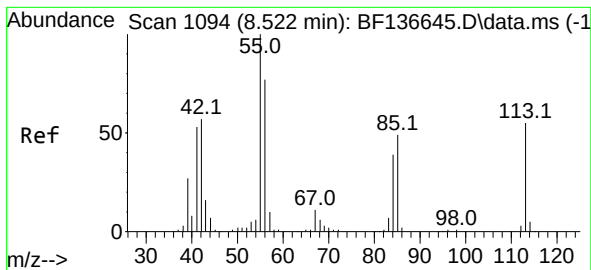
Ion Ratio Lower Upper

225 100

223 64.0 50.6 76.0

227 62.5 51.9 77.9





#35

Caprolactam

Concen: 36.677 ng

RT: 8.516 min Scan# 1093

Delta R.T. -0.006 min

Lab File: BF137058.D

Acq: 15 Jan 2024 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

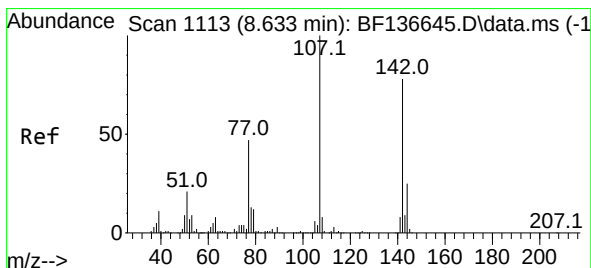
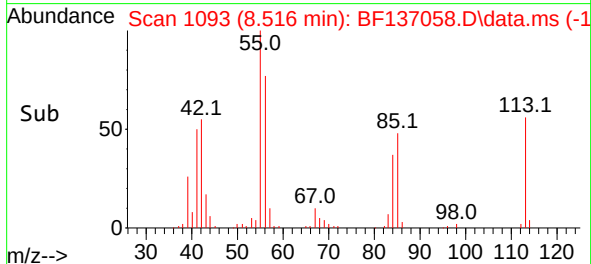
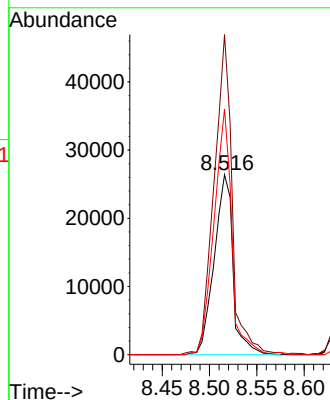
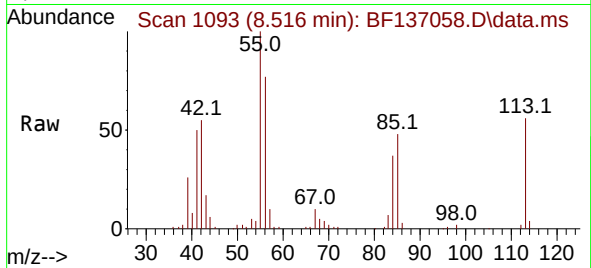
Tgt Ion:113 Resp: 36216

Ion Ratio Lower Upper

113 100

55 177.8 163.1 203.1

56 136.5 121.7 161.7



#36

4-Chloro-3-methylphenol

Concen: 38.006 ng

RT: 8.633 min Scan# 1113

Delta R.T. 0.000 min

Lab File: BF137058.D

Acq: 15 Jan 2024 11:04

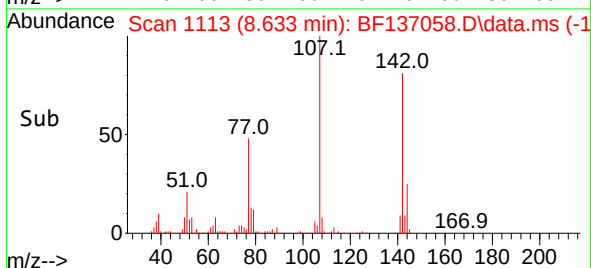
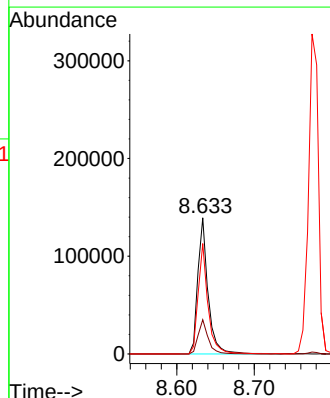
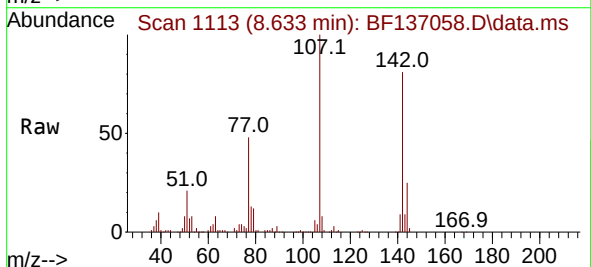
Tgt Ion:107 Resp: 128068

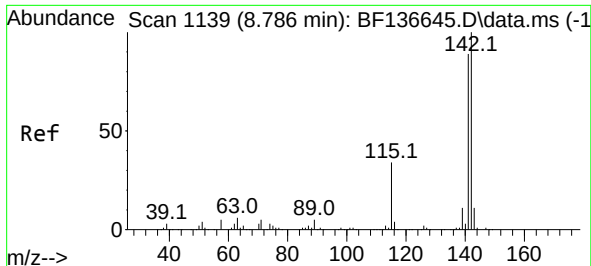
Ion Ratio Lower Upper

107 100

144 25.1 20.2 30.2

142 81.1 62.3 93.5





#37

2-Methylnaphthalene

Concen: 40.474 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.012 min

Lab File: BF137058.D

Acq: 15 Jan 2024 11:04

Instrument :

BNA_F

ClientSampleId :

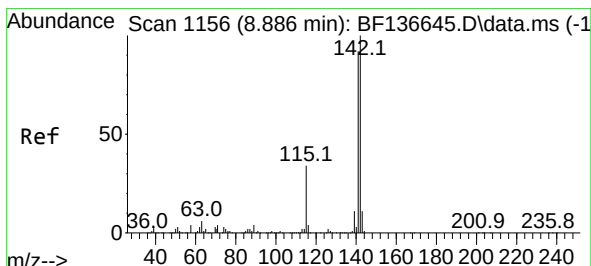
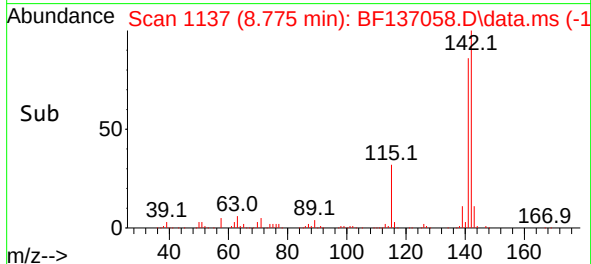
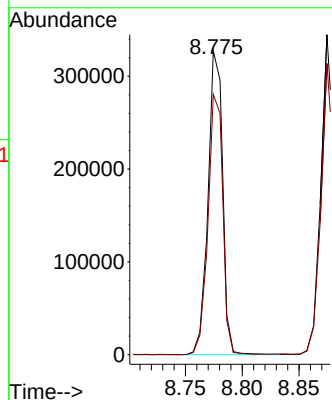
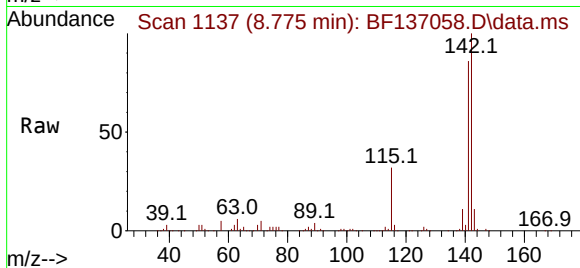
SSTDCCC040

Tgt Ion:142 Resp: 291773

Ion Ratio Lower Upper

142 100

141 85.7 71.1 106.7



#38

1-Methylnaphthalene

Concen: 39.867 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BF137058.D

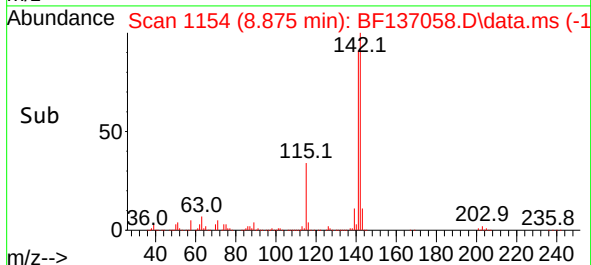
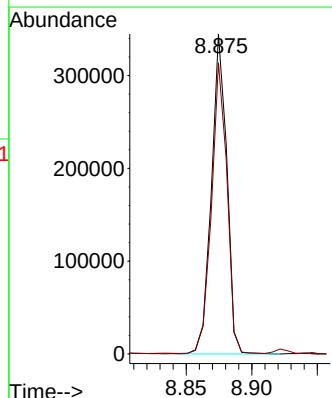
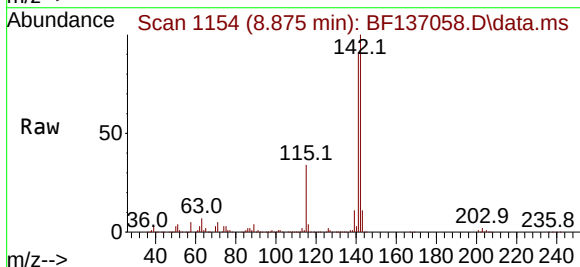
Acq: 15 Jan 2024 11:04

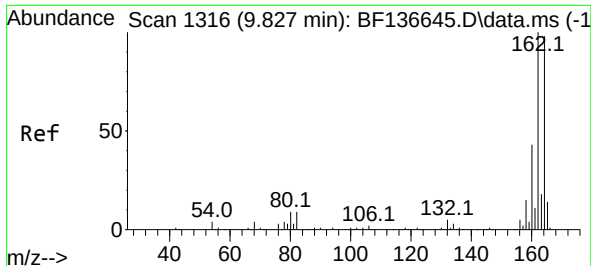
Tgt Ion:142 Resp: 281960

Ion Ratio Lower Upper

142 100

141 91.0 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF137058.D

Acq: 15 Jan 2024 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

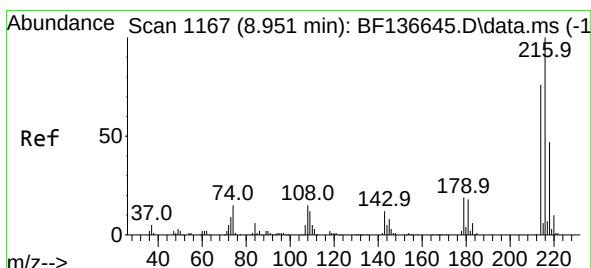
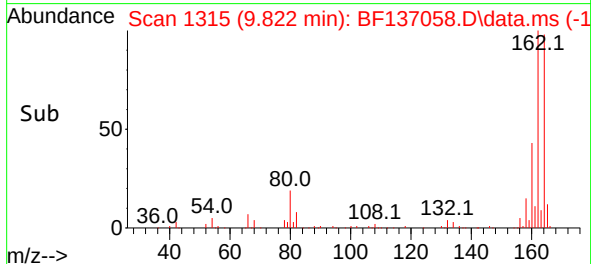
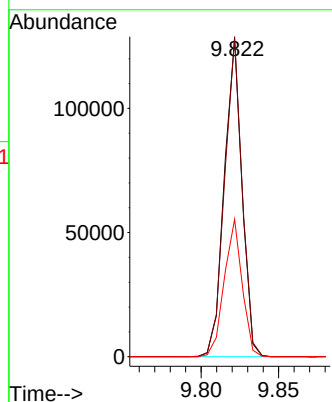
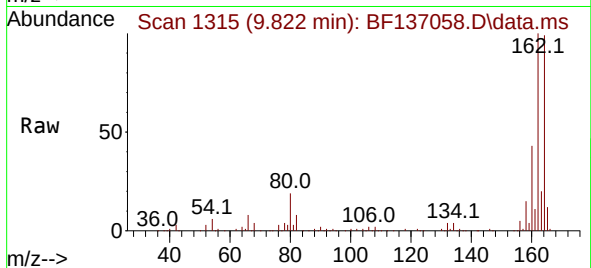
Tgt Ion:164 Resp: 101406

Ion Ratio Lower Upper

164 100

162 100.8 81.6 122.4

160 43.3 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.798 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF137058.D

Acq: 15 Jan 2024 11:04

Tgt Ion:216 Resp: 134408

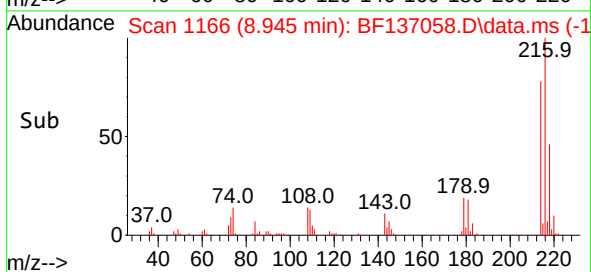
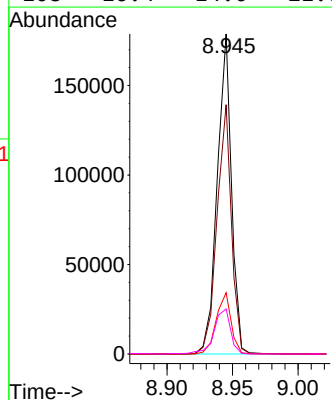
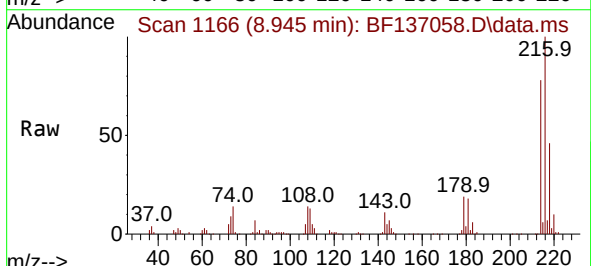
Ion Ratio Lower Upper

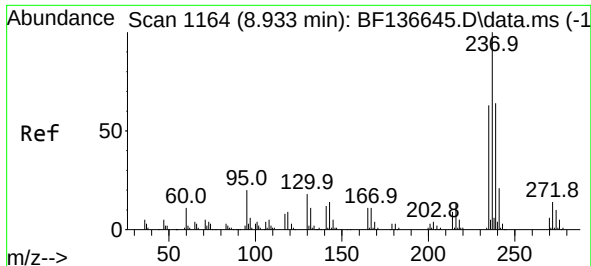
216 100

214 79.2 62.3 93.5

179 20.0 16.4 24.6

108 16.4 14.0 21.0

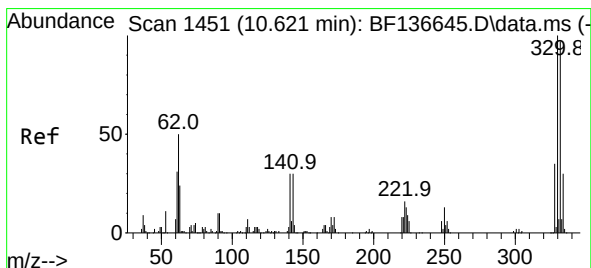
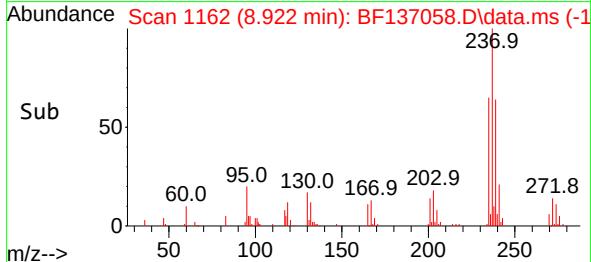
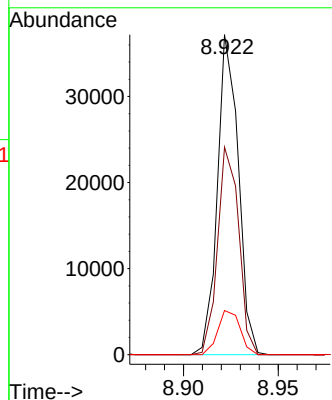
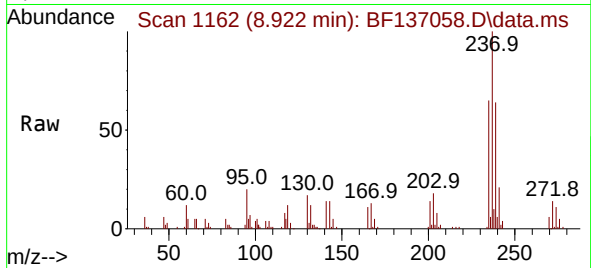




#41
Hexachlorocyclopentadiene
Concen: 31.678 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF137058.D
Acq: 15 Jan 2024 11:04

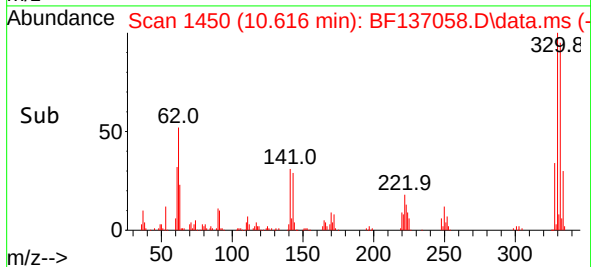
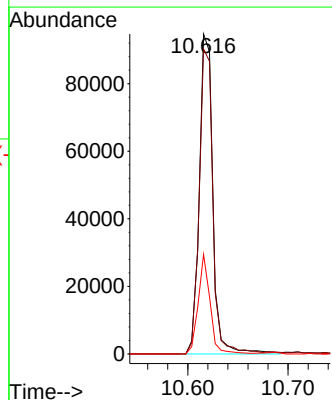
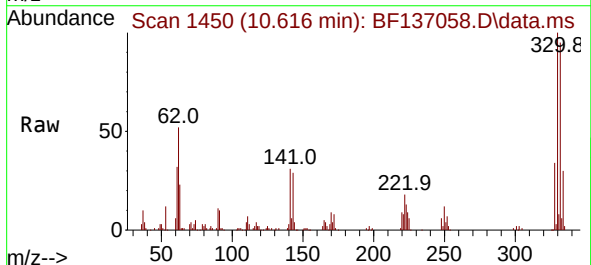
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

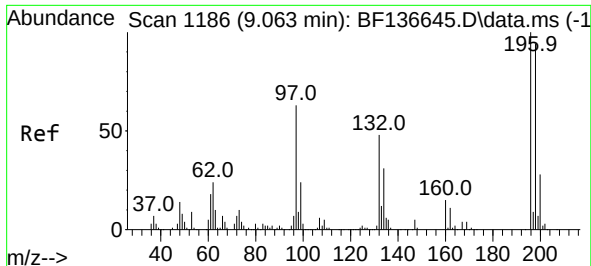
Tgt Ion:237 Resp: 28564
Ion Ratio Lower Upper
237 100
235 64.9 43.2 83.2
272 13.8 0.0 34.2



#42
2,4,6-Tribromophenol
Concen: 74.405 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF137058.D
Acq: 15 Jan 2024 11:04

Tgt Ion:330 Resp: 88860
Ion Ratio Lower Upper
330 100
332 96.0 77.4 116.0
141 27.3 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 40.154 ng

RT: 9.063 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF137058.D

Acq: 15 Jan 2024 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

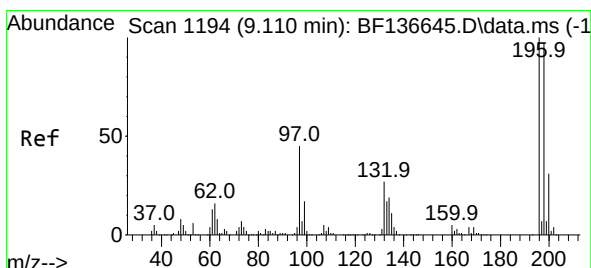
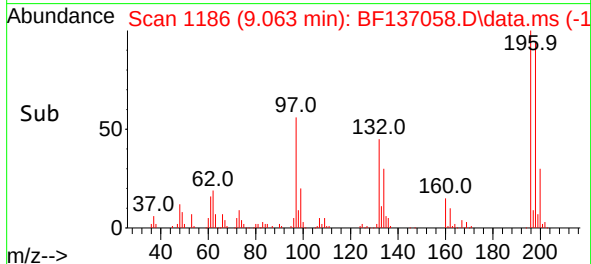
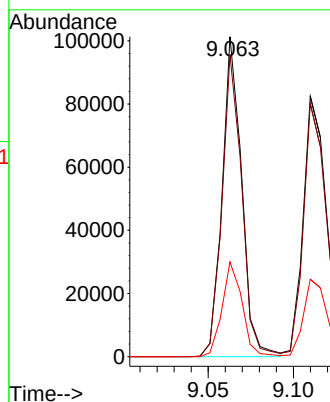
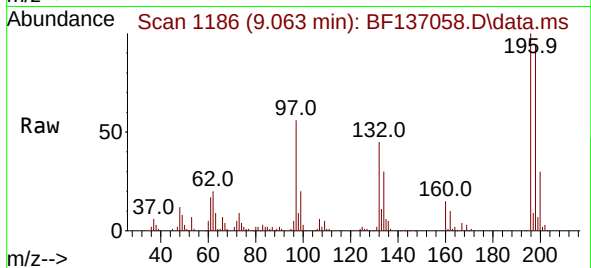
Tgt Ion:196 Resp: 80872

Ion Ratio Lower Upper

196 100

198 94.4 75.1 112.7

200 29.6 22.5 33.7



#44

2,4,5-Trichlorophenol

Concen: 38.484 ng

RT: 9.110 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF137058.D

Acq: 15 Jan 2024 11:04

Tgt Ion:196 Resp: 86373

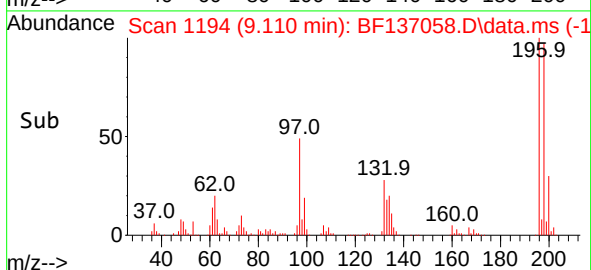
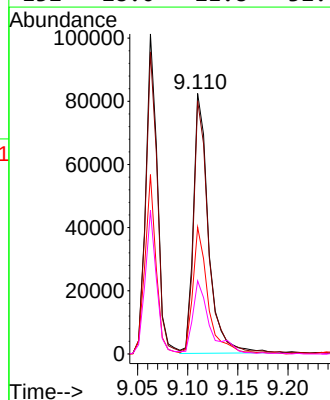
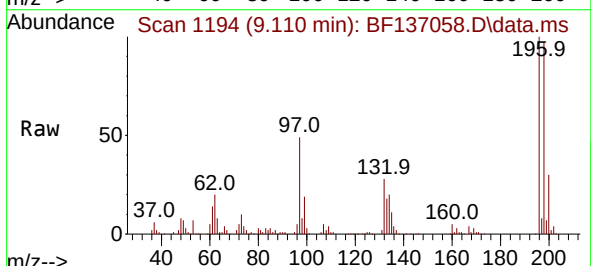
Ion Ratio Lower Upper

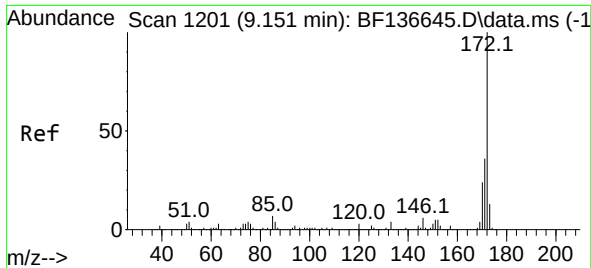
196 100

198 97.2 77.0 115.6

97 48.7 36.1 54.1

132 28.0 21.8 32.6

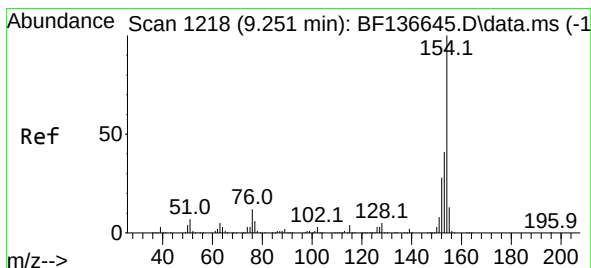
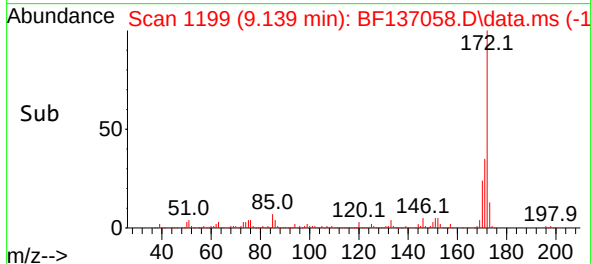
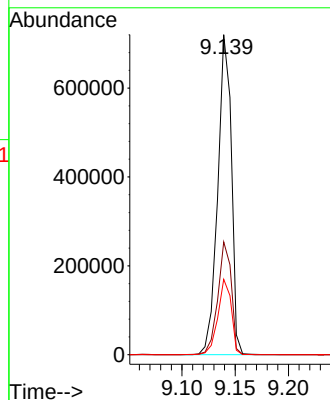
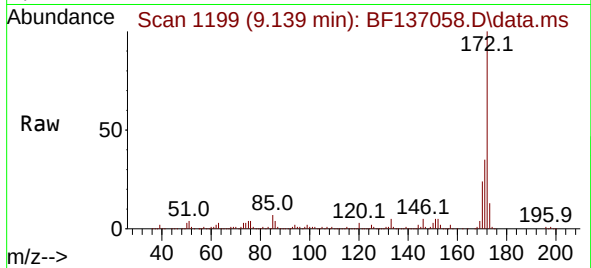




#45
2-Fluorobiphenyl
Concen: 84.923 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF137058.D
Acq: 15 Jan 2024 11:04

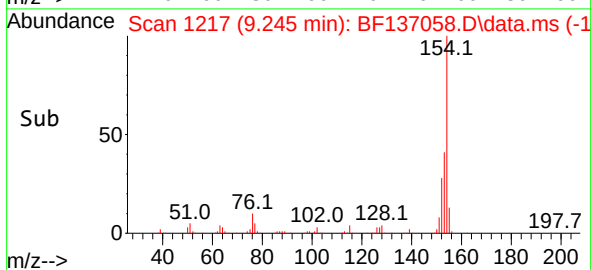
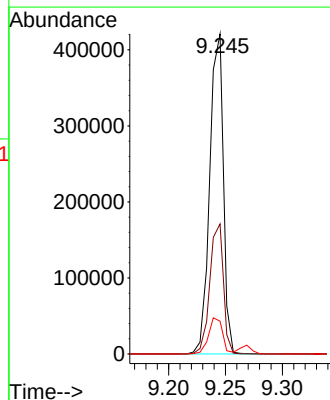
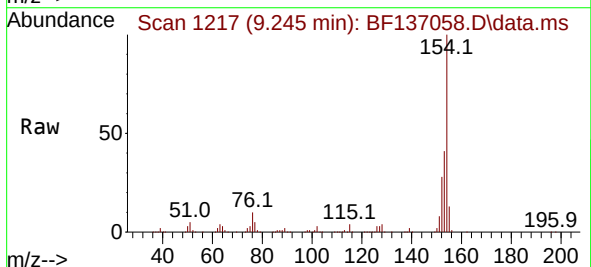
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

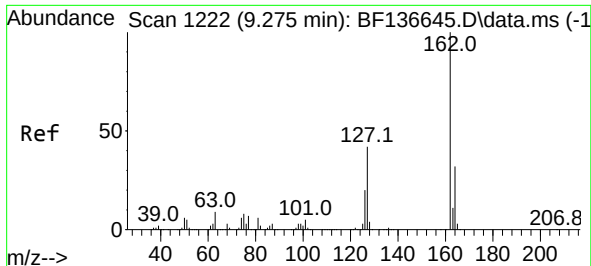
Tgt Ion:172 Resp: 640282
Ion Ratio Lower Upper
172 100
171 35.2 29.0 43.6
170 23.5 19.0 28.4



#46
1,1'-Biphenyl
Concen: 41.230 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF137058.D
Acq: 15 Jan 2024 11:04

Tgt Ion:154 Resp: 350844
Ion Ratio Lower Upper
154 100
153 40.7 21.1 61.1
76 10.3 0.0 31.7

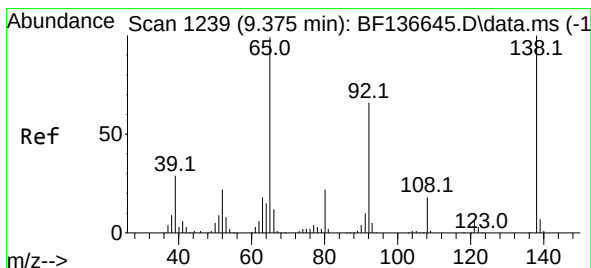
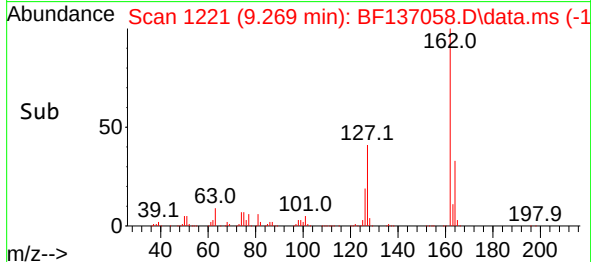
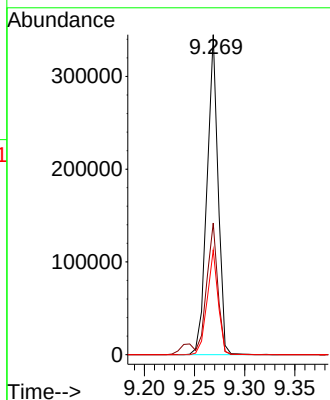
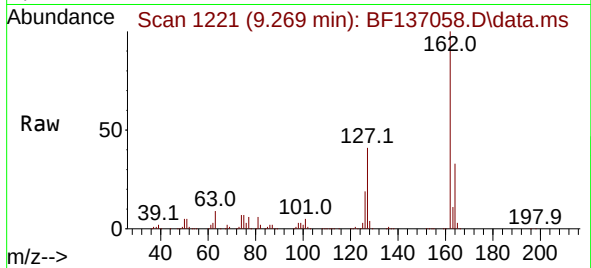




#47
2-Chloronaphthalene
Concen: 41.304 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF137058.D
Acq: 15 Jan 2024 11:04

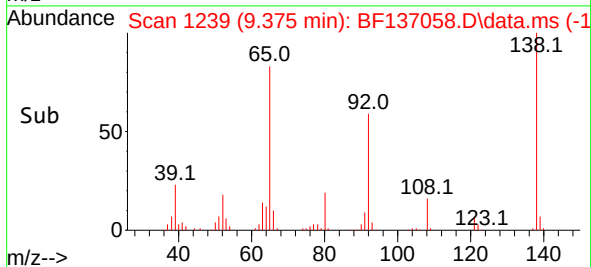
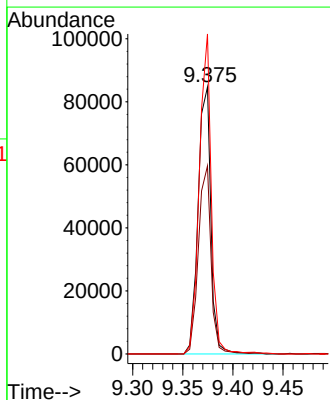
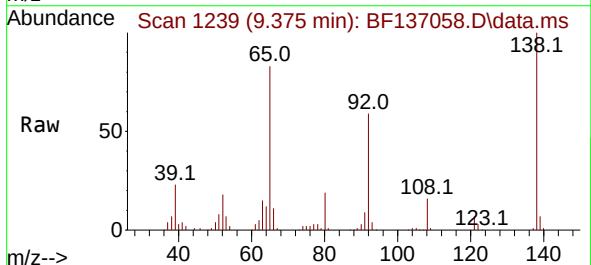
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

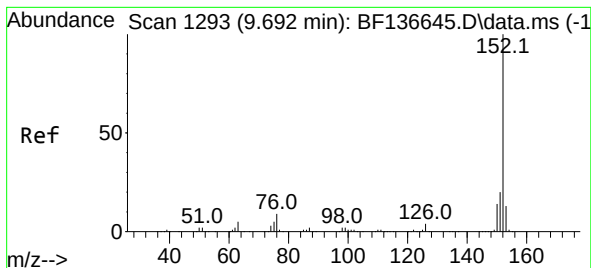
Tgt Ion:162 Resp: 267196
Ion Ratio Lower Upper
162 100
127 41.1 33.6 50.4
164 32.8 25.7 38.5



#48
2-Nitroaniline
Concen: 37.247 ng
RT: 9.375 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BF137058.D
Acq: 15 Jan 2024 11:04

Tgt Ion: 65 Resp: 75455
Ion Ratio Lower Upper
65 100
92 70.5 53.2 79.8
138 119.9 81.1 121.7





#49

Acenaphthylene

Concen: 40.440 ng

RT: 9.686 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137058.D

Acq: 15 Jan 2024 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

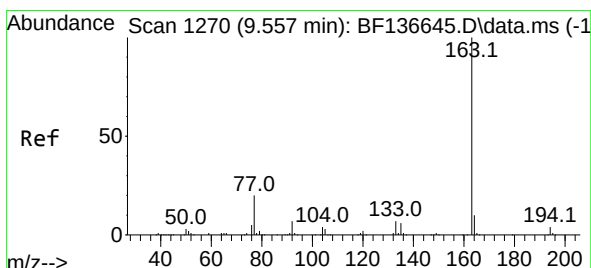
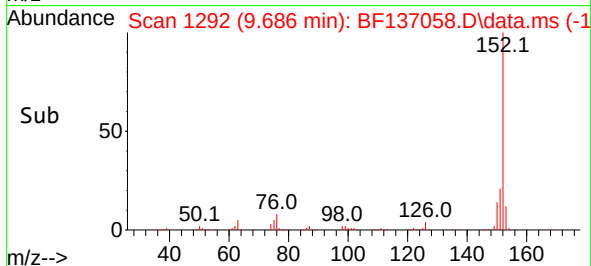
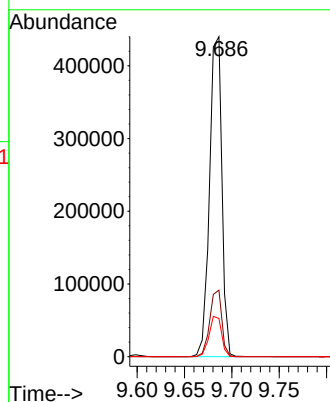
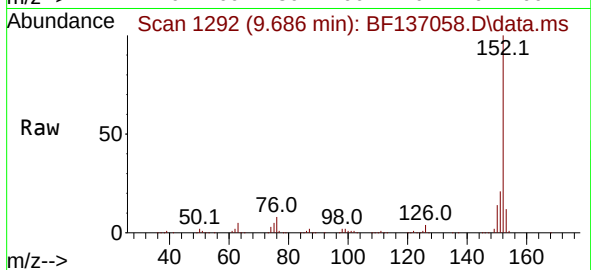
Tgt Ion:152 Resp: 399866

Ion Ratio Lower Upper

152 100

151 20.8 16.2 24.4

153 12.0 10.2 15.2



#50

Dimethylphthalate

Concen: 38.402 ng

RT: 9.545 min Scan# 1268

Delta R.T. -0.012 min

Lab File: BF137058.D

Acq: 15 Jan 2024 11:04

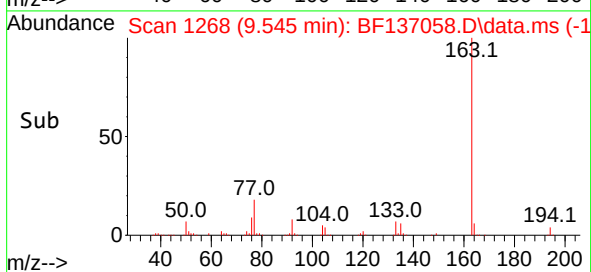
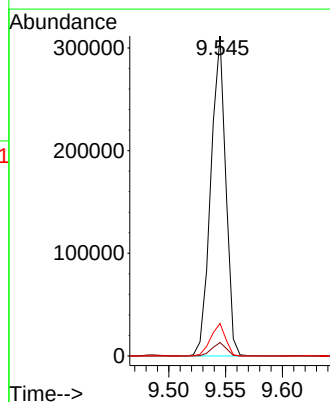
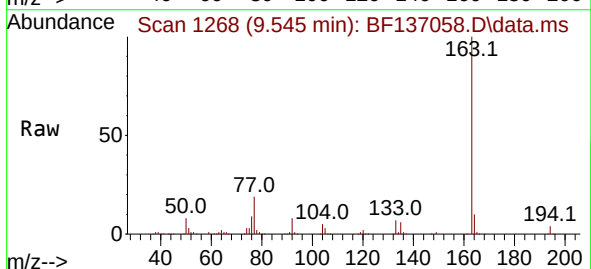
Tgt Ion:163 Resp: 284442

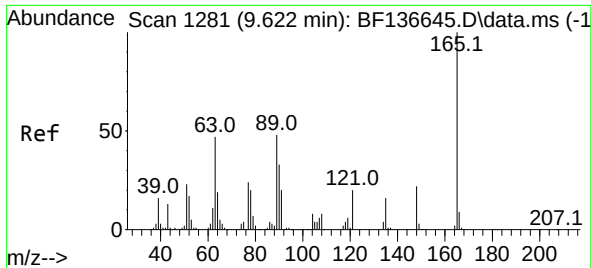
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.1 7.8 11.6

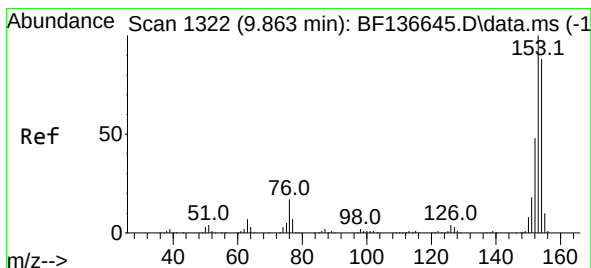
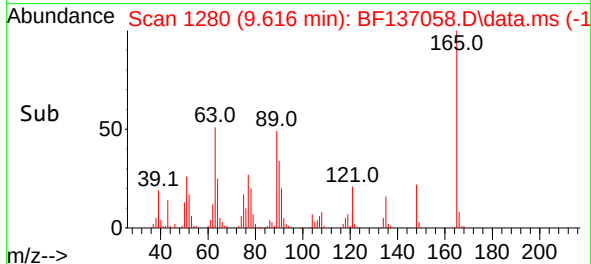
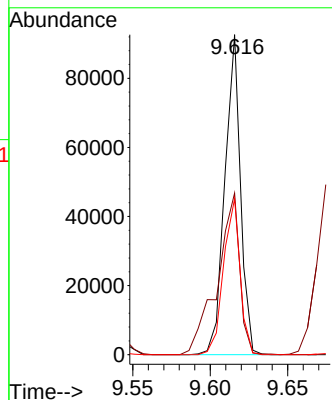
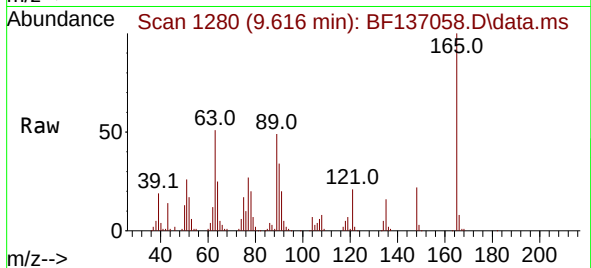




#51
2,6-Dinitrotoluene
Concen: 38.732 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137058.D
Acq: 15 Jan 2024 11:04

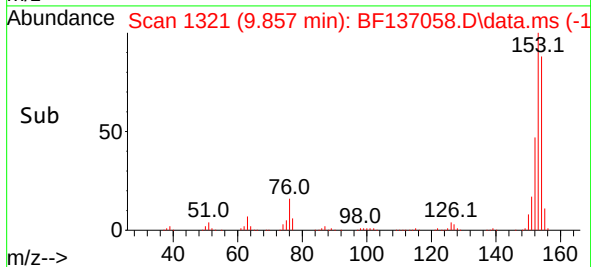
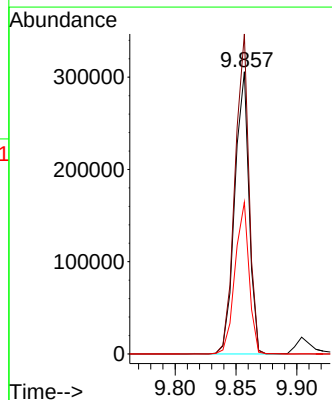
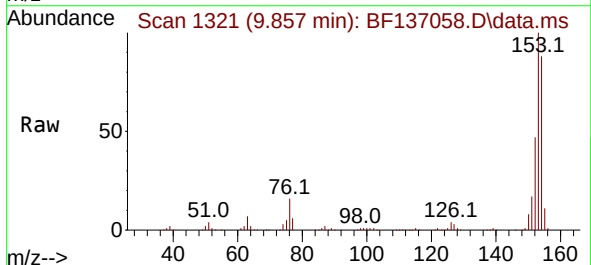
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

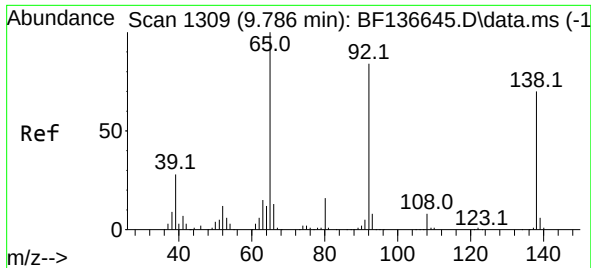
Tgt Ion:165 Resp: 65109
Ion Ratio Lower Upper
165 100
63 50.5 39.8 59.6
89 48.7 38.8 58.2



#52
Acenaphthene
Concen: 40.671 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF137058.D
Acq: 15 Jan 2024 11:04

Tgt Ion:154 Resp: 249283
Ion Ratio Lower Upper
154 100
153 113.4 90.7 136.1
152 53.8 43.7 65.5

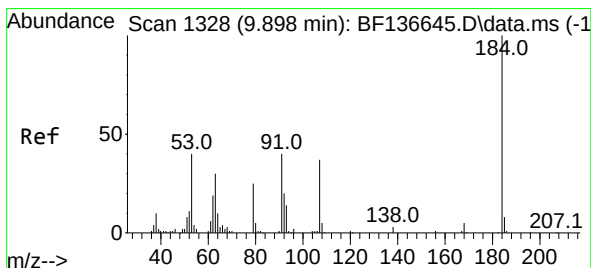
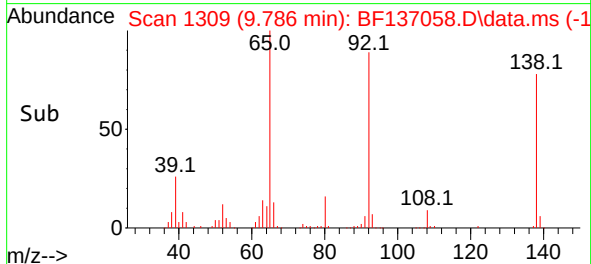
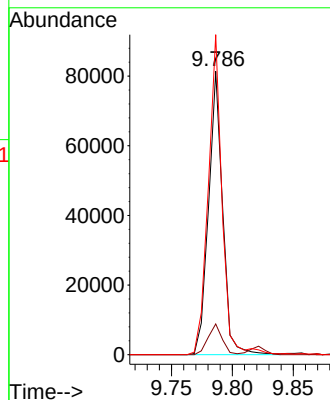
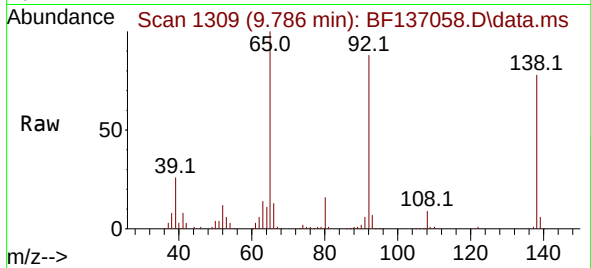




#53
3-Nitroaniline
Concen: 36.782 ng
RT: 9.786 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF137058.D
Acq: 15 Jan 2024 11:04

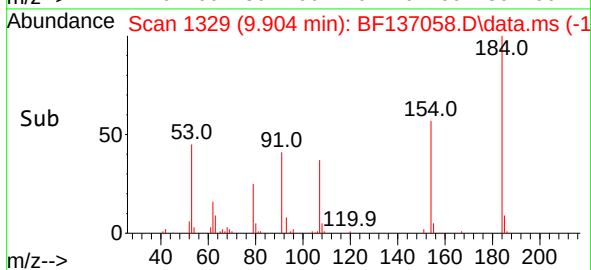
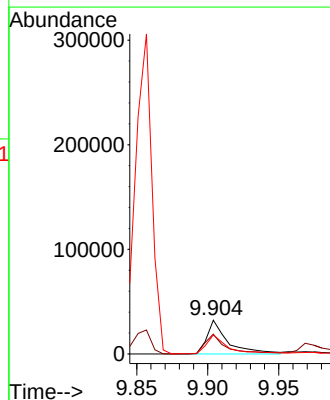
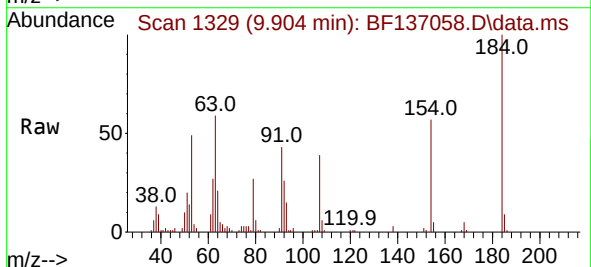
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

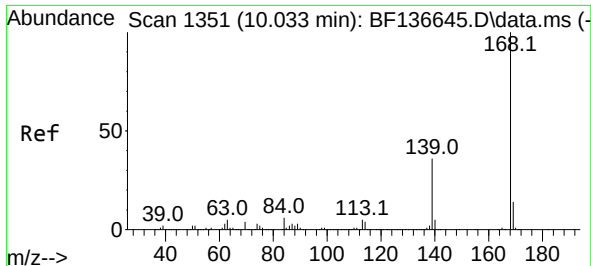
Tgt Ion:138 Resp: 65498
Ion Ratio Lower Upper
138 100
108 10.9 8.6 12.8
92 112.9 95.2 142.8



#54
2,4-Dinitrophenol
Concen: 37.317 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF137058.D
Acq: 15 Jan 2024 11:04

Tgt Ion:184 Resp: 32819
Ion Ratio Lower Upper
184 100
63 58.9 40.9 61.3
154 56.7 42.7 64.1

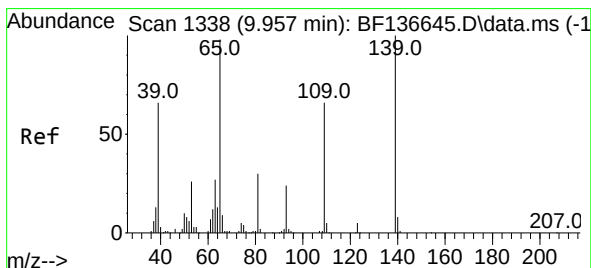
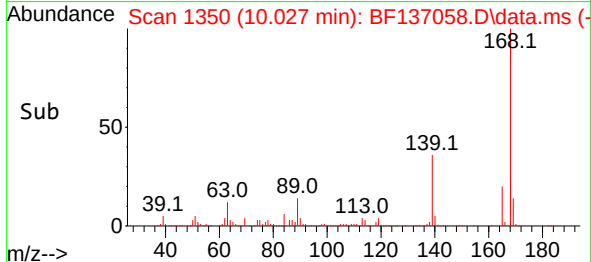
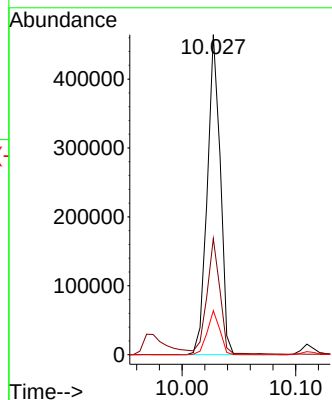
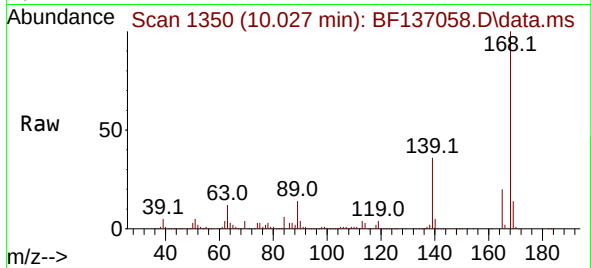




#55
Dibenzenofuran
Concen: 39.586 ng
RT: 10.027 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137058.D
Acq: 15 Jan 2024 11:04

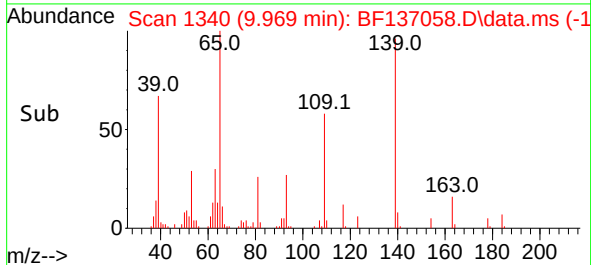
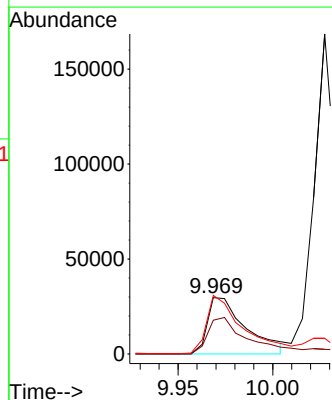
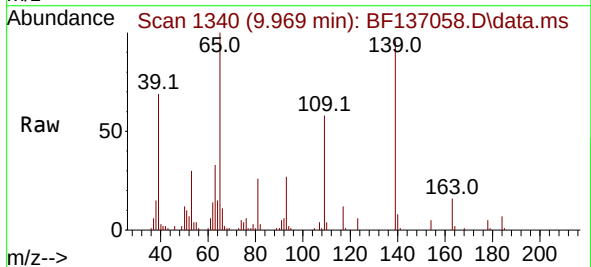
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

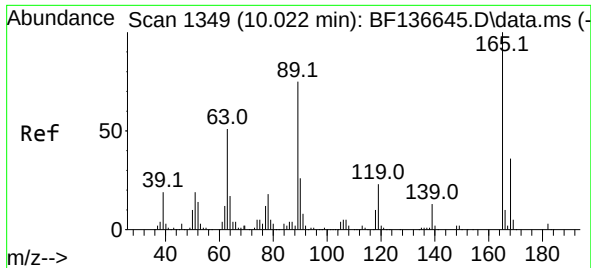
Tgt Ion:168 Resp: 367805
Ion Ratio Lower Upper
168 100
139 36.3 29.3 43.9
169 13.8 11.0 16.4



#56
4-Nitrophenol
Concen: 35.060 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF137058.D
Acq: 15 Jan 2024 11:04

Tgt Ion:139 Resp: 42145
Ion Ratio Lower Upper
139 100
109 59.9 45.8 85.8
65 104.0 77.8 117.8

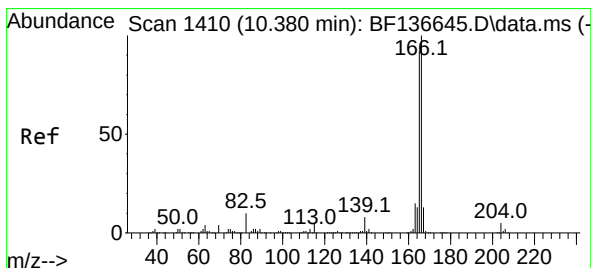
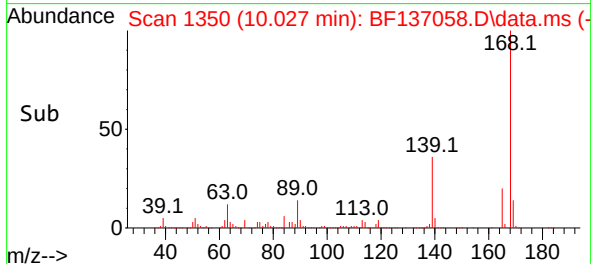
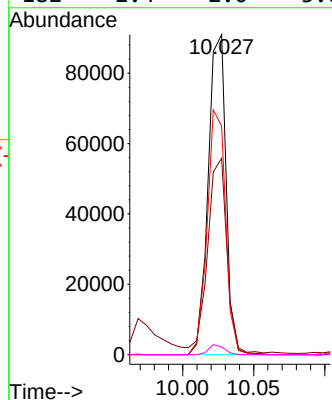
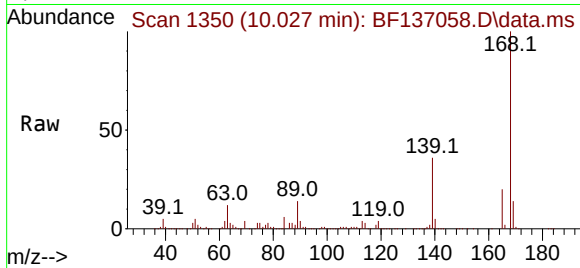




#57
2,4-Dinitrotoluene
Concen: 36.455 ng
RT: 10.027 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137058.D
Acq: 15 Jan 2024 11:04

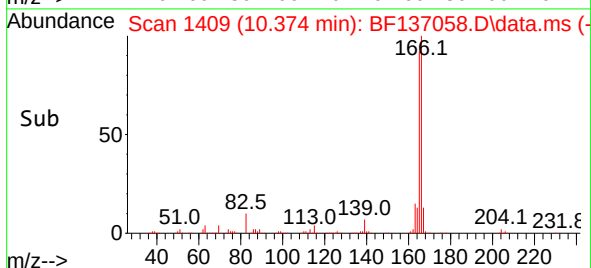
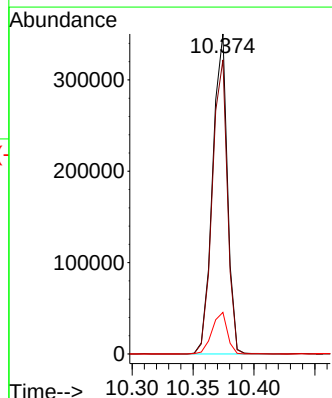
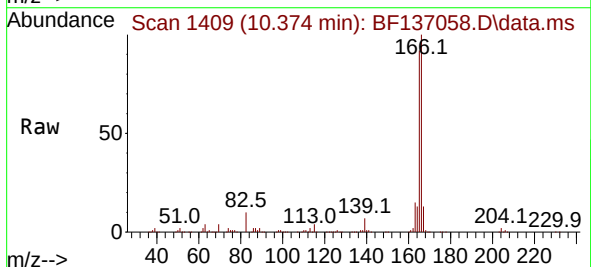
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

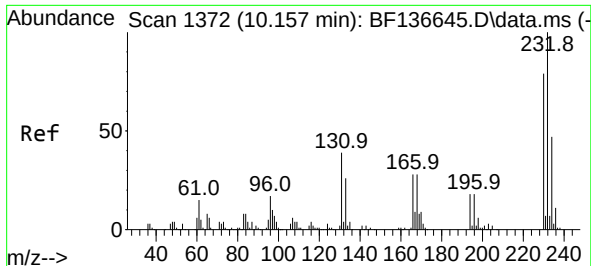
Tgt Ion:	165	Resp:	79556
Ion Ratio	Lower	Upper	
165	100		
63	61.4	41.0	61.6
89	71.4	59.9	89.9
182	2.4	2.0	3.0



#58
Fluorene
Concen: 40.147 ng
RT: 10.374 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF137058.D
Acq: 15 Jan 2024 11:04

Tgt Ion:	166	Resp:	295971
Ion Ratio	Lower	Upper	
166	100		
165	91.9	73.7	110.5
167	13.0	10.4	15.6

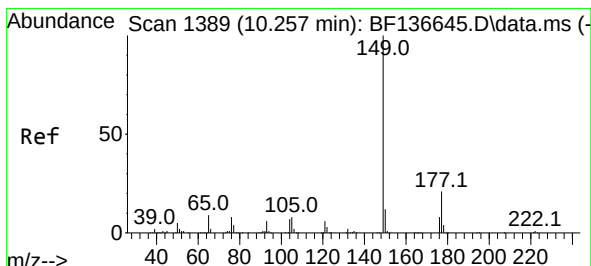
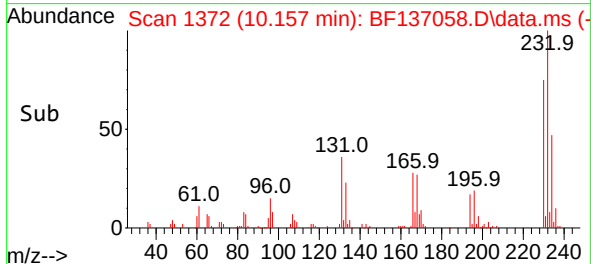
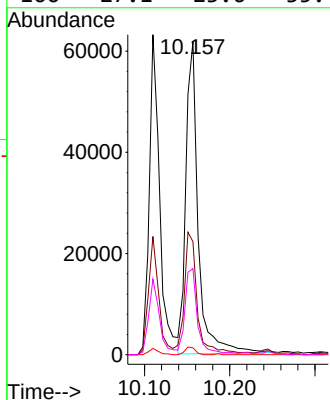
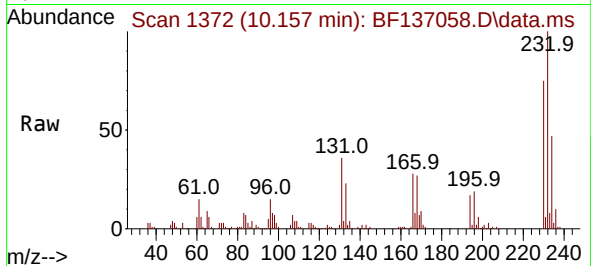




#59
2,3,4,6-Tetrachlorophenol
Concen: 35.841 ng
RT: 10.157 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137058.D
Acq: 15 Jan 2024 11:04

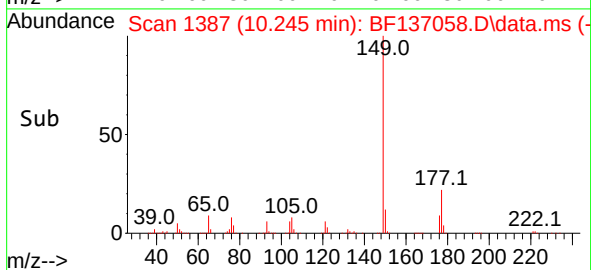
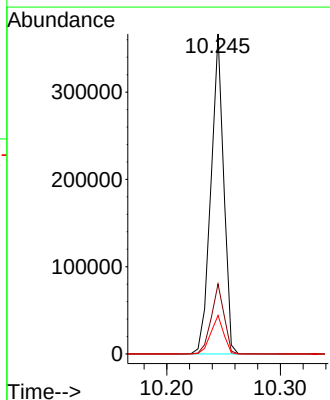
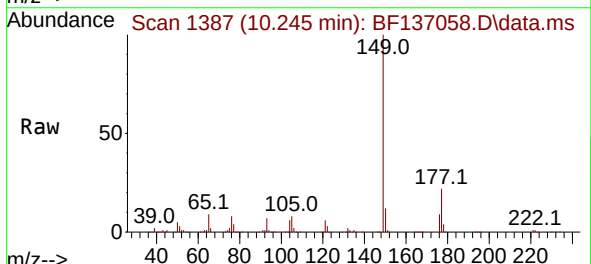
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

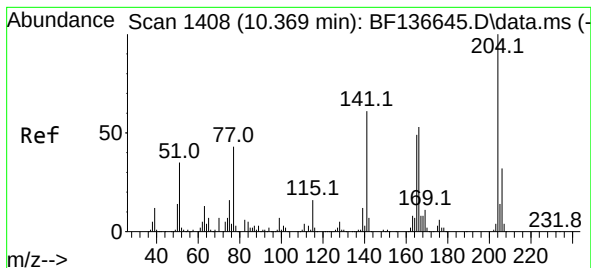
Tgt Ion:232 Resp: 61922
Ion Ratio Lower Upper
232 100
131 42.1 35.1 52.7
130 2.1 1.6 2.4
166 27.1 23.6 35.4



#60
Diethylphthalate
Concen: 37.158 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.012 min
Lab File: BF137058.D
Acq: 15 Jan 2024 11:04

Tgt Ion:149 Resp: 285567
Ion Ratio Lower Upper
149 100
177 21.9 16.9 25.3
150 12.1 9.3 13.9

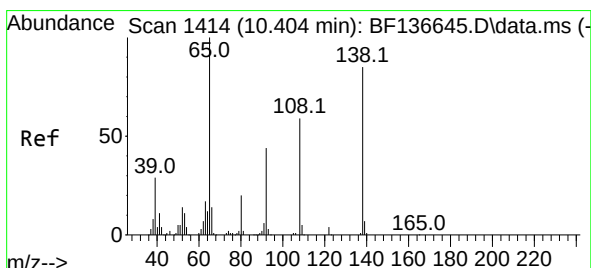
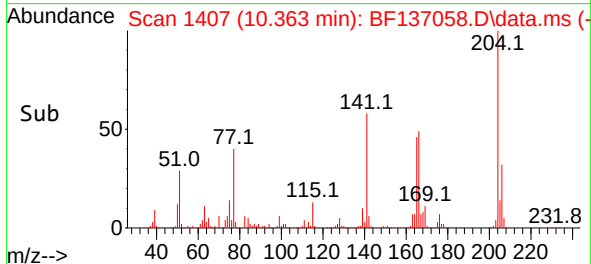
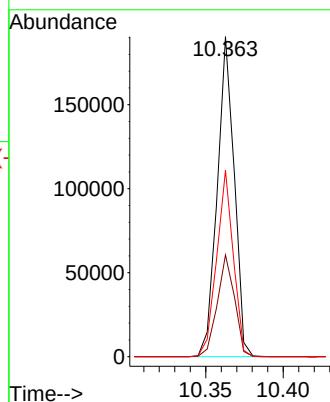
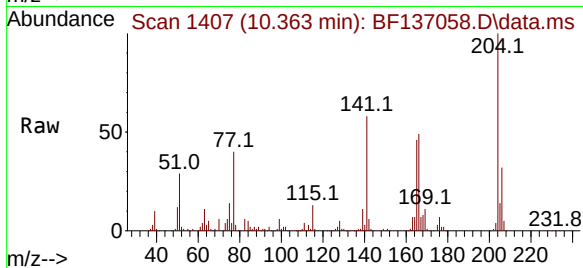




#61
4-Chlorophenyl-phenylether
Concen: 40.501 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF137058.D
Acq: 15 Jan 2024 11:04

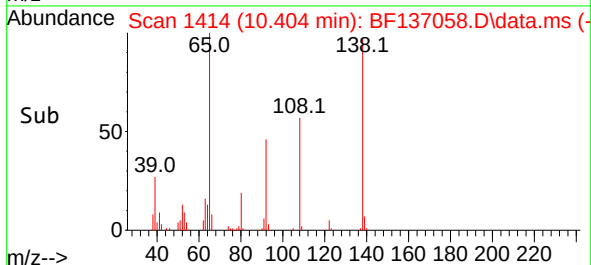
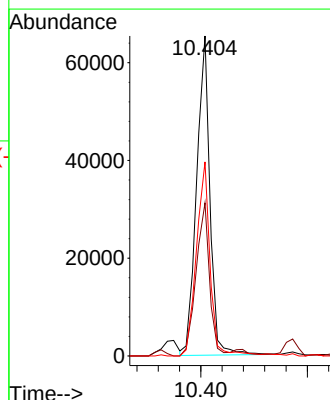
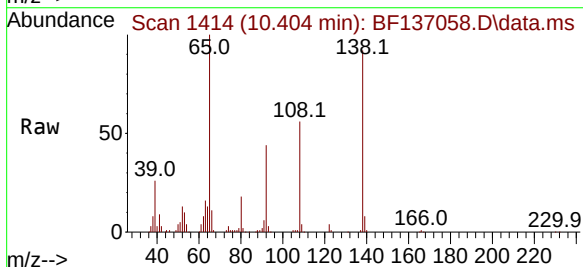
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

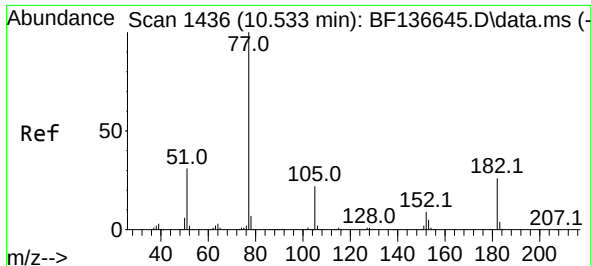
Tgt Ion:204 Resp: 145130
Ion Ratio Lower Upper
204 100
206 31.8 25.6 38.4
141 58.2 48.4 72.6



#62
4-Nitroaniline
Concen: 33.282 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF137058.D
Acq: 15 Jan 2024 11:04

Tgt Ion:138 Resp: 57134
Ion Ratio Lower Upper
138 100
92 47.9 32.1 72.1
108 60.7 50.1 90.1

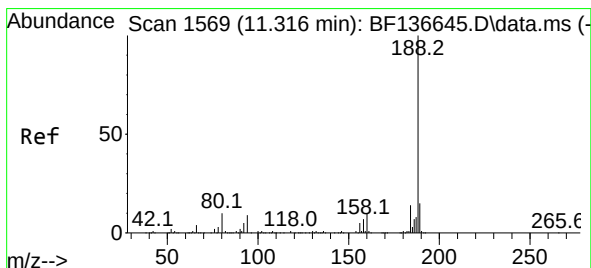
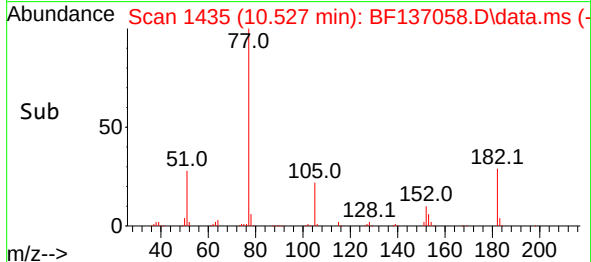
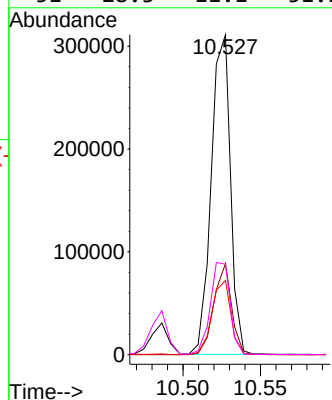
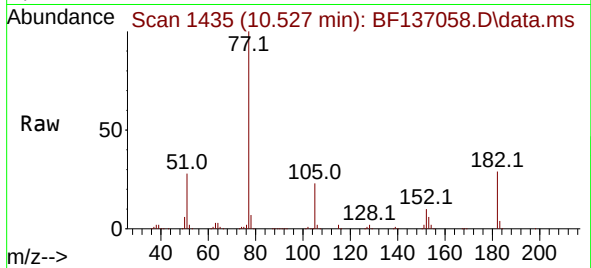




#63
Azobenzene
Concen: 37.341 ng
RT: 10.527 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF137058.D
Acq: 15 Jan 2024 11:04

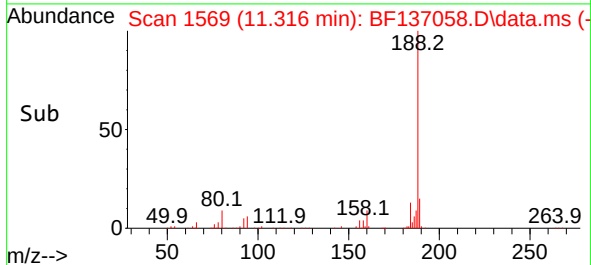
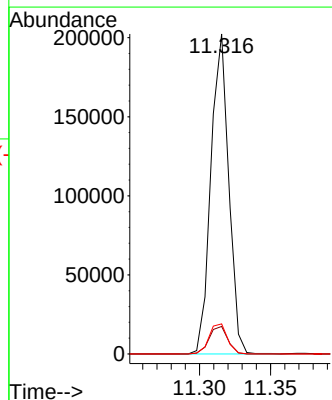
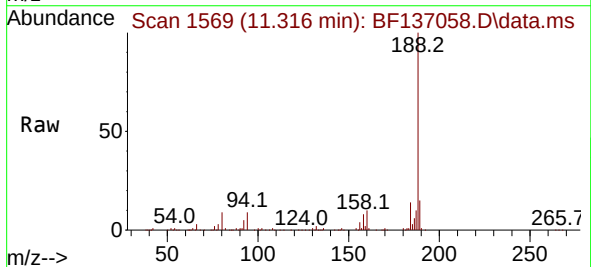
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

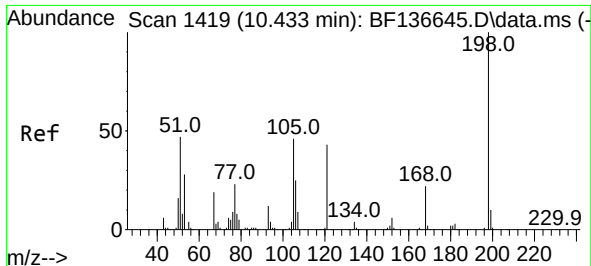
Tgt Ion: 77	Resp: 268036
Ion Ratio	Lower Upper
77 100	
182 28.5	6.0 46.0
105 23.2	2.3 42.3
51 28.3	11.1 51.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF137058.D
Acq: 15 Jan 2024 11:04

Tgt	Ion:188	Resp:	176152
Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.5	11.3
80	9.4	8.1	12.1

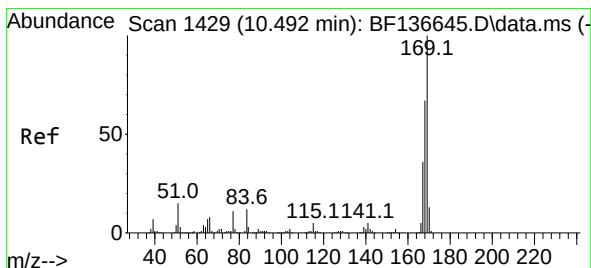
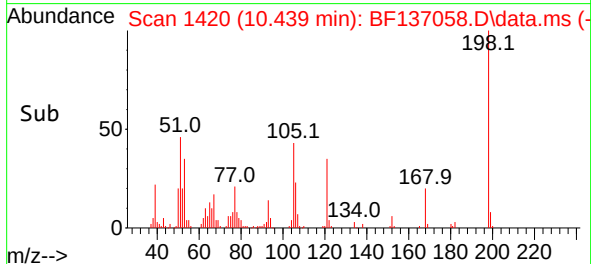
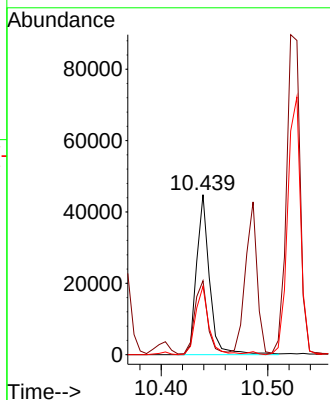
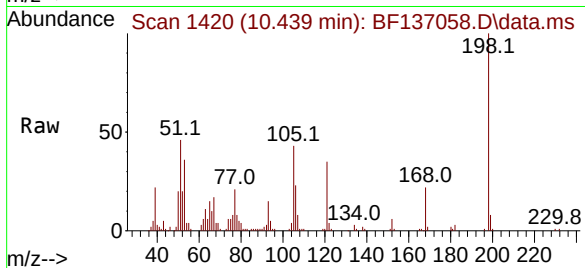




#65
4,6-Dinitro-2-methylphenol
Concen: 37.736 ng
RT: 10.439 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF137058.D
Acq: 15 Jan 2024 11:04

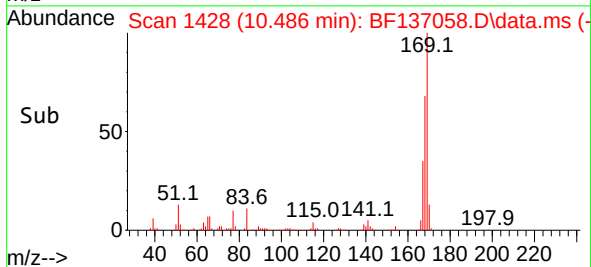
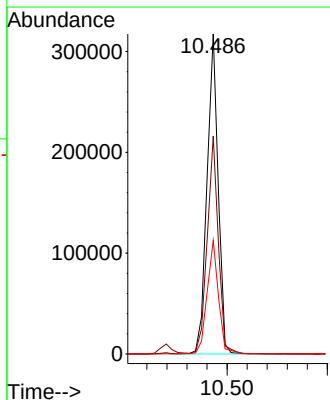
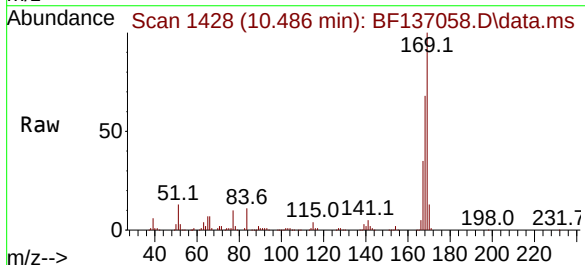
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

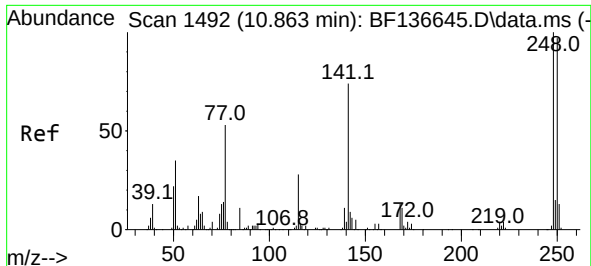
Tgt Ion:198 Resp: 38095
Ion Ratio Lower Upper
198 100
51 46.2 34.1 74.1
105 42.7 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 42.991 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF137058.D
Acq: 15 Jan 2024 11:04

Tgt Ion:169 Resp: 246006
Ion Ratio Lower Upper
169 100
168 68.1 53.8 80.6
167 35.4 28.7 43.1

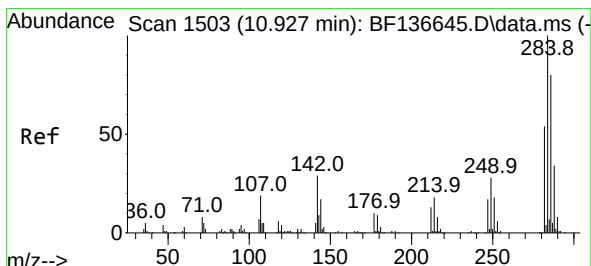
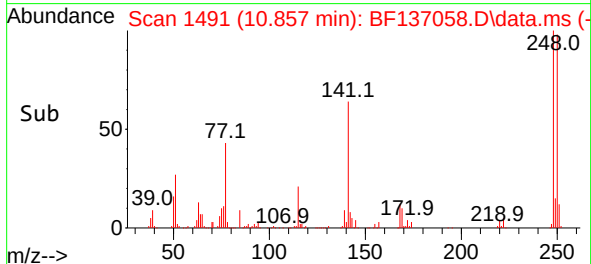
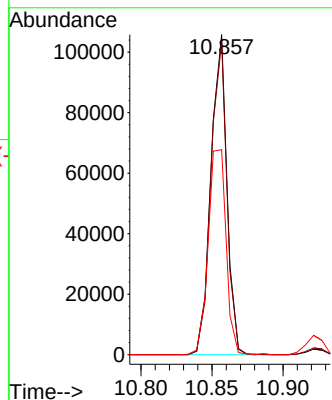
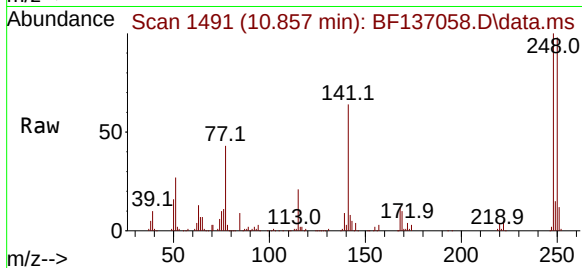




#67
4-Bromophenyl-phenylether
Concen: 42.440 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF137058.D
Acq: 15 Jan 2024 11:04

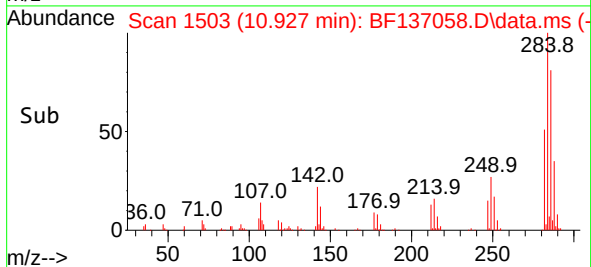
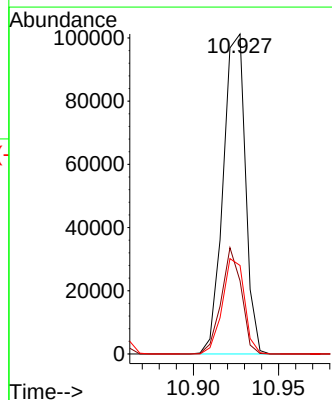
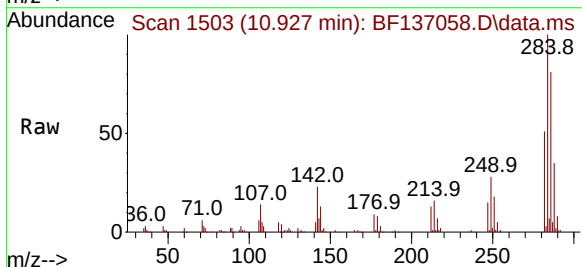
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

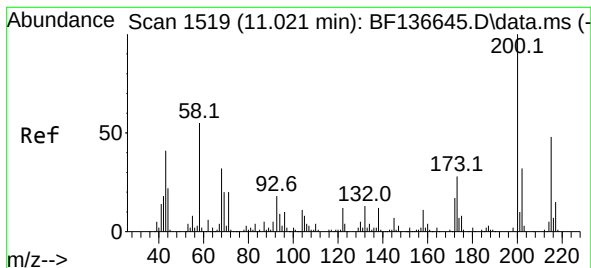
Tgt Ion:248 Resp: 83025
Ion Ratio Lower Upper
248 100
250 97.8 77.8 116.6
141 64.0 59.2 88.8



#68
Hexachlorobenzene
Concen: 42.218 ng
RT: 10.927 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF137058.D
Acq: 15 Jan 2024 11:04

Tgt Ion:284 Resp: 92041
Ion Ratio Lower Upper
284 100
142 22.9 23.4 35.0#
249 27.6 22.3 33.5





#69

Atrazine

Concen: 38.019 ng

RT: 11.016 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137058.D

Acq: 15 Jan 2024 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

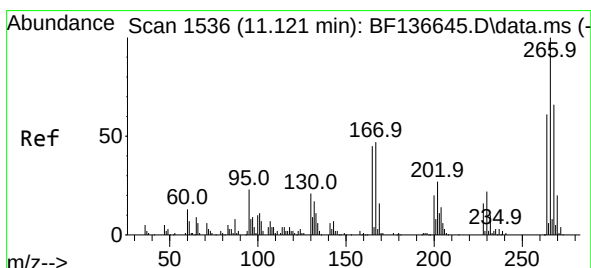
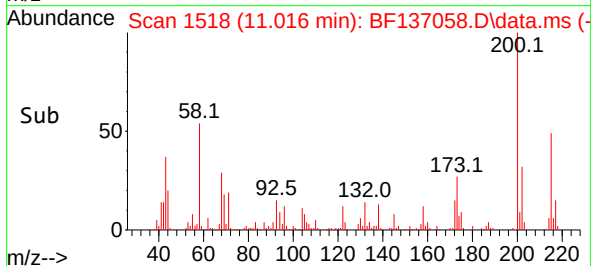
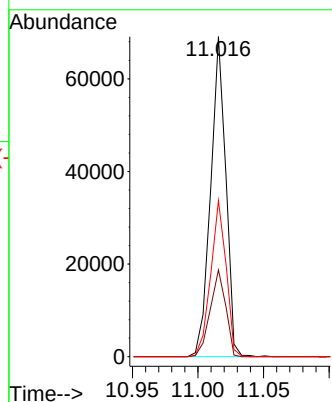
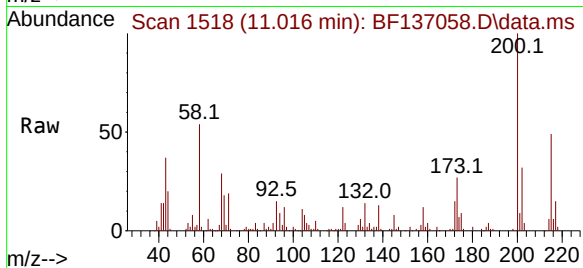
Tgt Ion:200 Resp: 55644

Ion Ratio Lower Upper

200 100

173 27.1 7.6 47.6

215 48.8 28.3 68.3



#70

Pentachlorophenol

Concen: 39.770 ng

RT: 11.127 min Scan# 1537

Delta R.T. 0.006 min

Lab File: BF137058.D

Acq: 15 Jan 2024 11:04

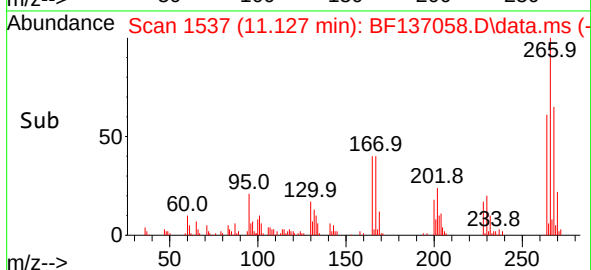
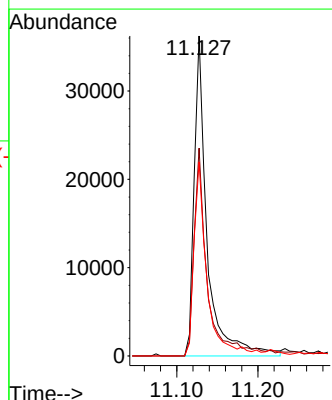
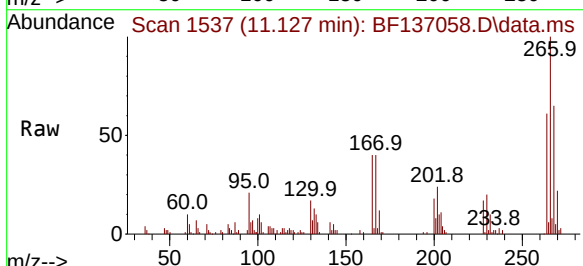
Tgt Ion:266 Resp: 40413

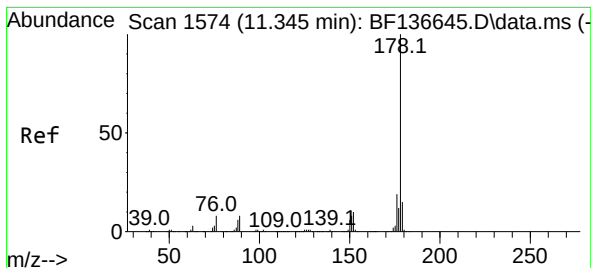
Ion Ratio Lower Upper

266 100

268 65.0 52.6 78.8

264 60.6 49.0 73.4





#71

Phenanthrene

Concen: 40.878 ng

RT: 11.339 min Scan# 1573

Delta R.T. -0.006 min

Lab File: BF137058.D

Acq: 15 Jan 2024 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

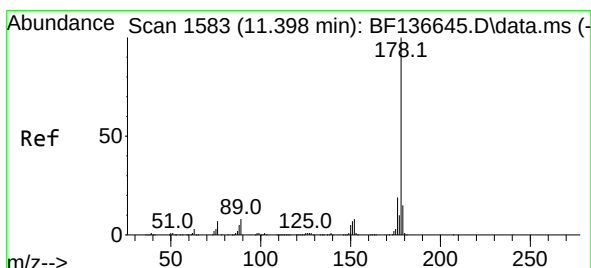
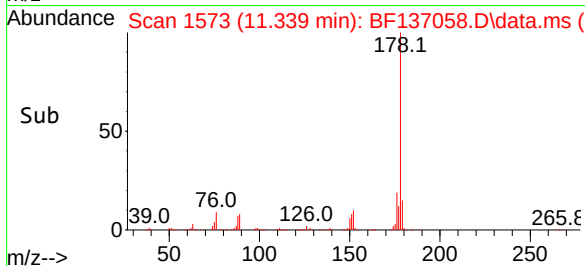
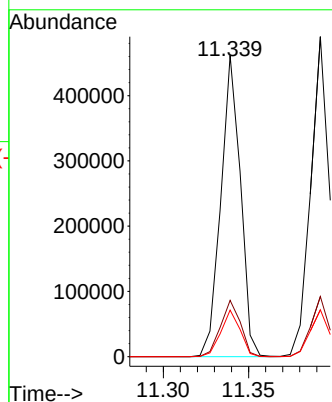
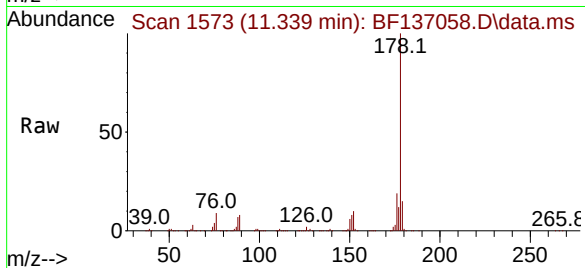
Tgt Ion:178 Resp: 369477

Ion Ratio Lower Upper

178 100

176 18.7 15.3 22.9

179 15.5 11.9 17.9



#72

Anthracene

Concen: 40.859 ng

RT: 11.392 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF137058.D

Acq: 15 Jan 2024 11:04

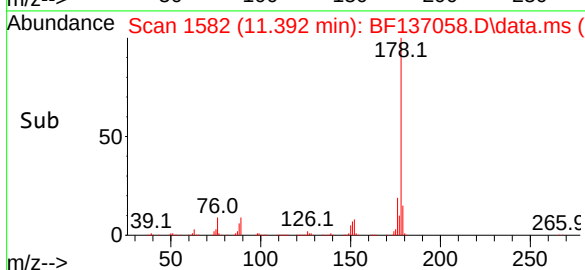
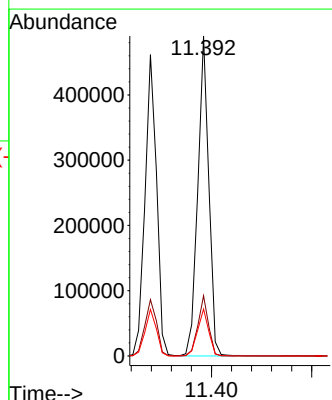
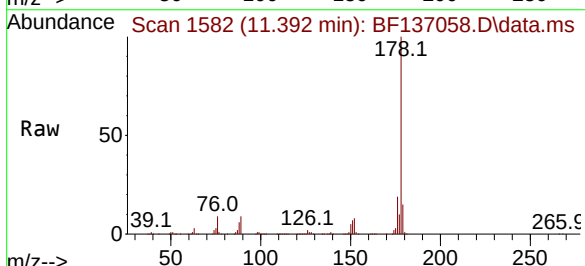
Tgt Ion:178 Resp: 374003

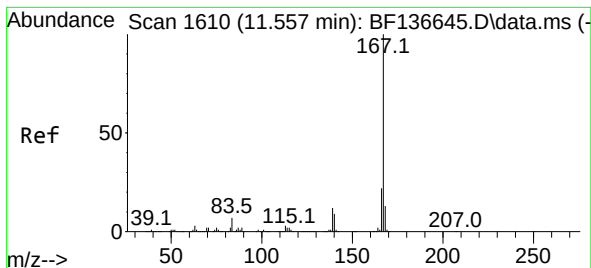
Ion Ratio Lower Upper

178 100

176 18.8 14.9 22.3

179 14.6 11.8 17.6





#73

Carbazole

Concen: 38.226 ng

RT: 11.551 min Scan# 1609

Delta R.T. -0.006 min

Lab File: BF137058.D

Acq: 15 Jan 2024 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

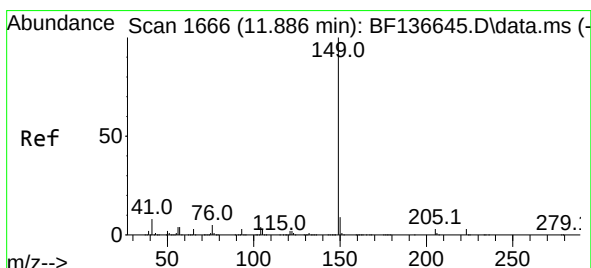
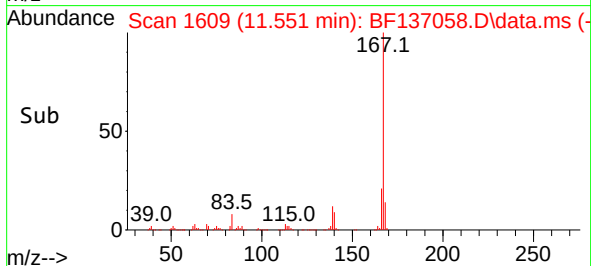
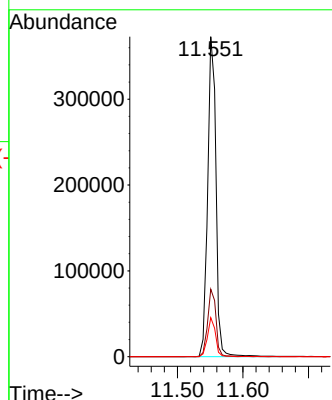
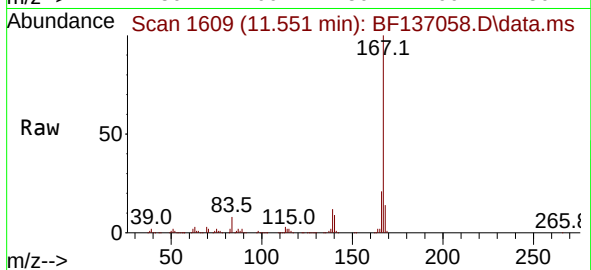
Tgt Ion:167 Resp: 329895

Ion Ratio Lower Upper

167 100

166 21.1 17.3 25.9

139 12.2 9.8 14.6



#74

Di-n-butylphthalate

Concen: 38.975 ng

RT: 11.874 min Scan# 1664

Delta R.T. -0.012 min

Lab File: BF137058.D

Acq: 15 Jan 2024 11:04

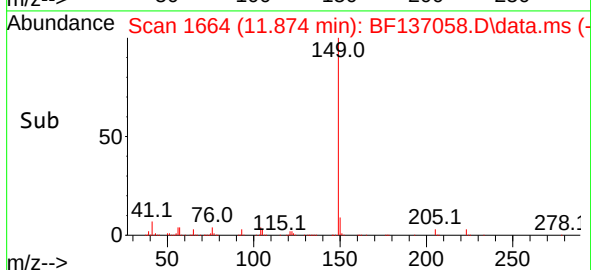
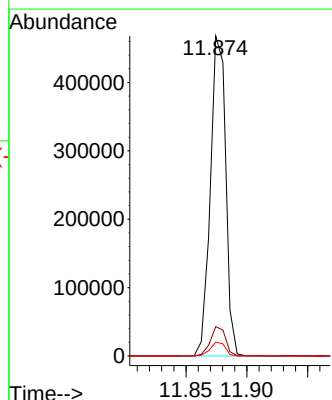
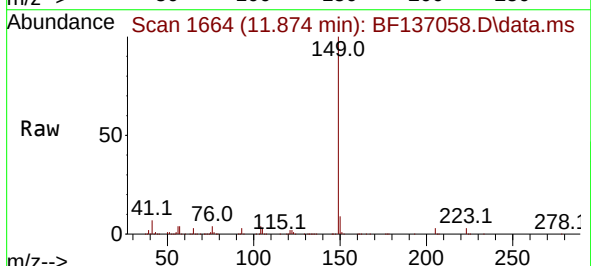
Tgt Ion:149 Resp: 410441

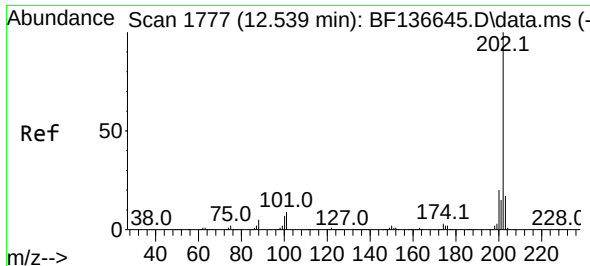
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 4.3 3.6 5.4

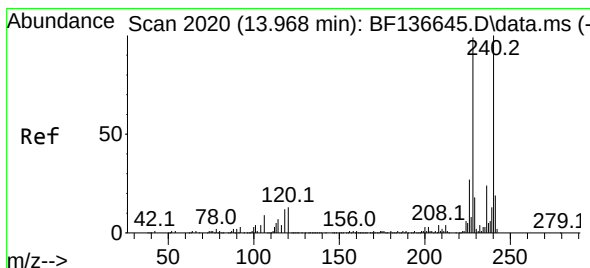
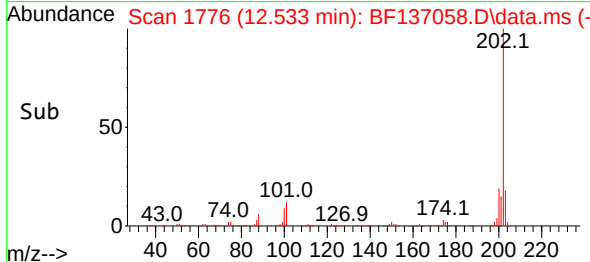
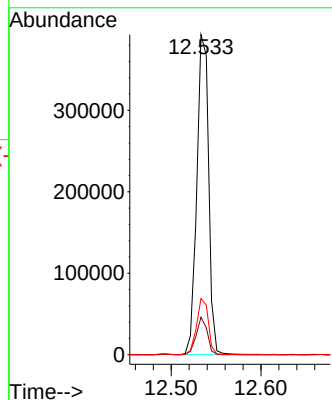
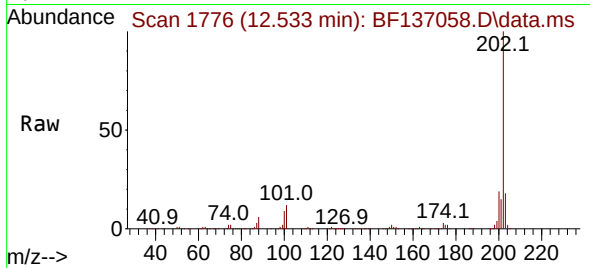




#75
Fluoranthene
Concen: 37.311 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF137058.D
Acq: 15 Jan 2024 11:04

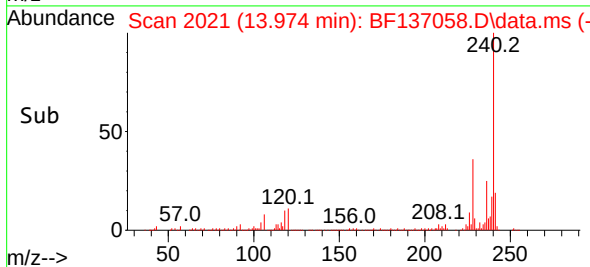
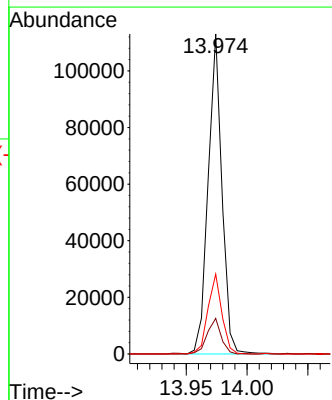
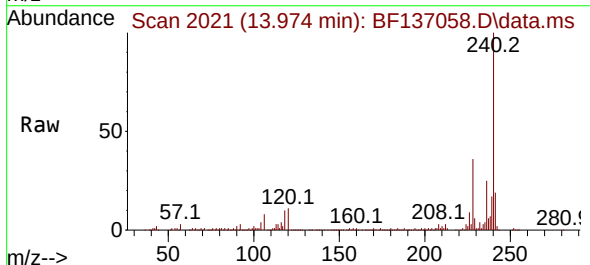
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

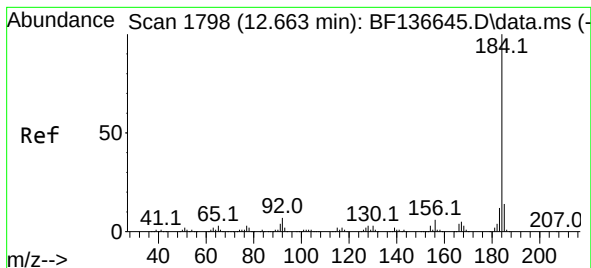
Tgt Ion:202 Resp: 360727
Ion Ratio Lower Upper
202 100
101 11.7 0.0 29.3
203 17.6 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF137058.D
Acq: 15 Jan 2024 11:04

Tgt Ion:240 Resp: 88987
Ion Ratio Lower Upper
240 100
120 11.1 10.3 15.5
236 25.0 19.4 29.2





#77

Benzidine

Concen: 36.074 ng

RT: 12.663 min Scan# 1798

Delta R.T. 0.000 min

Lab File: BF137058.D

Acq: 15 Jan 2024 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

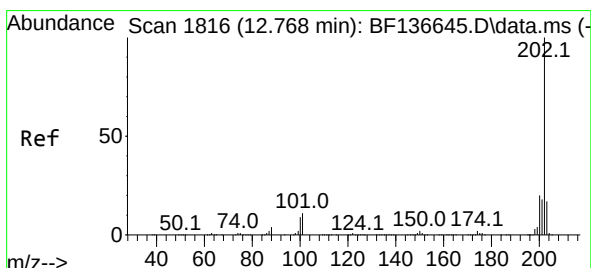
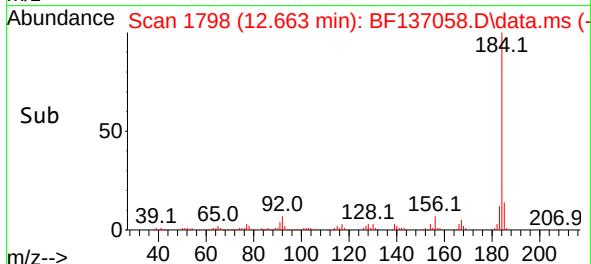
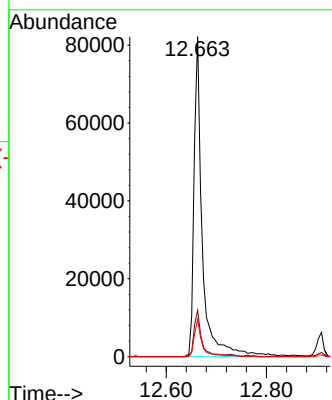
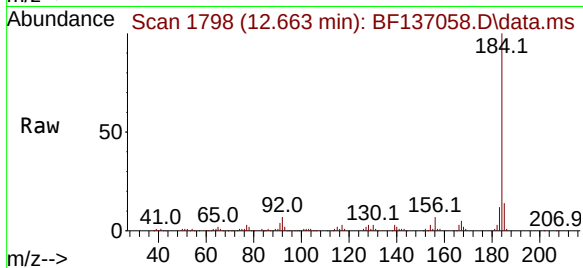
Tgt Ion:184 Resp: 94652

Ion Ratio Lower Upper

184 100

185 14.5 11.2 16.8

183 11.6 9.3 13.9



#78

Pyrene

Concen: 40.953 ng

RT: 12.768 min Scan# 1816

Delta R.T. 0.000 min

Lab File: BF137058.D

Acq: 15 Jan 2024 11:04

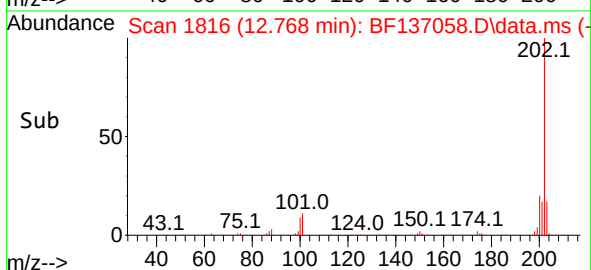
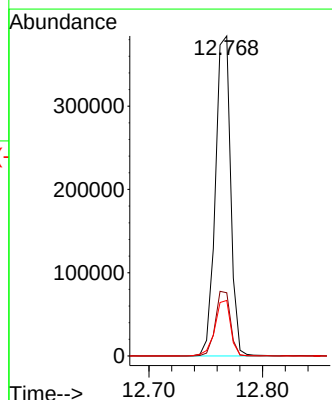
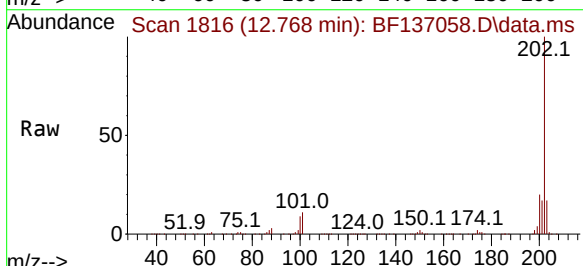
Tgt Ion:202 Resp: 357746

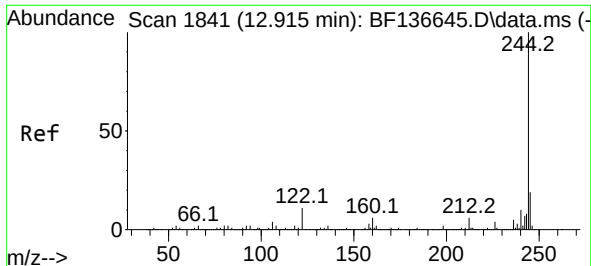
Ion Ratio Lower Upper

202 100

200 19.8 15.9 23.9

203 17.4 13.8 20.6

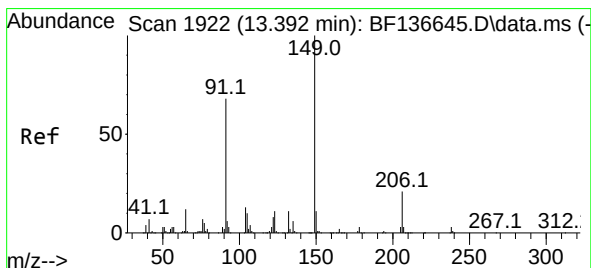
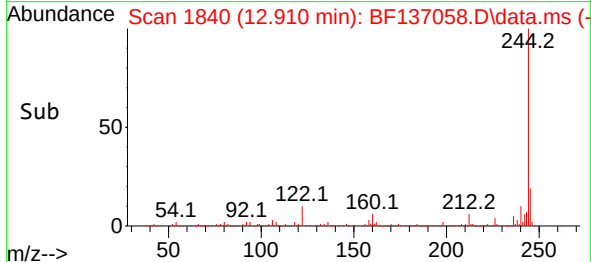
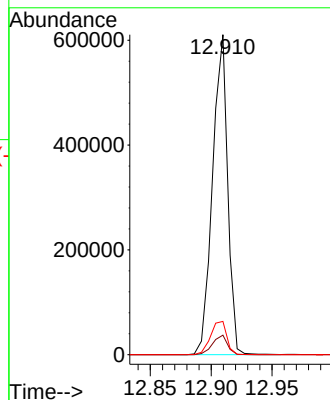
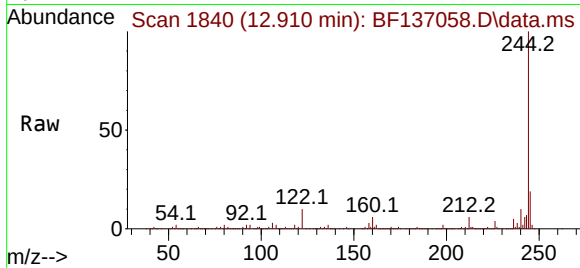




#79
 Terphenyl-d14
 Concen: 82.843 ng
 RT: 12.910 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF137058.D
 Acq: 15 Jan 2024 11:04

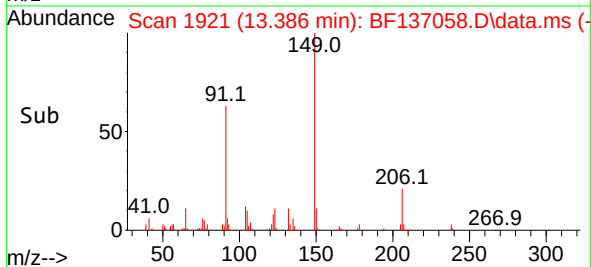
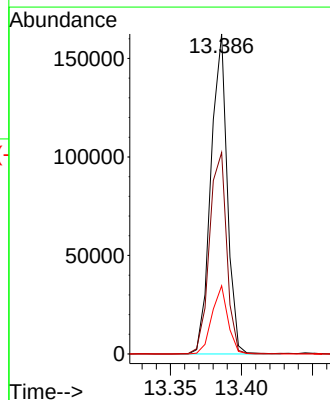
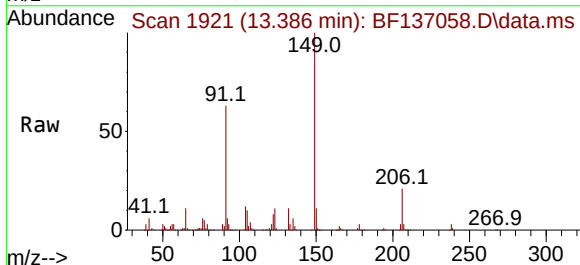
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

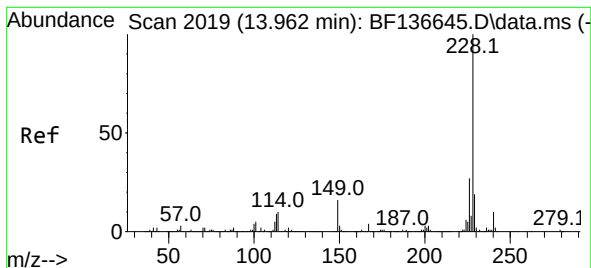
Tgt Ion:244 Resp: 527524
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.0 7.4
 122 10.4 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 40.949 ng
 RT: 13.386 min Scan# 1921
 Delta R.T. -0.006 min
 Lab File: BF137058.D
 Acq: 15 Jan 2024 11:04

Tgt Ion:149 Resp: 130161
 Ion Ratio Lower Upper
 149 100
 91 63.0 54.1 81.1
 206 21.3 17.1 25.7





#81

Benzo(a)anthracene

Concen: 41.495 ng

RT: 13.962 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF137058.D

Acq: 15 Jan 2024 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

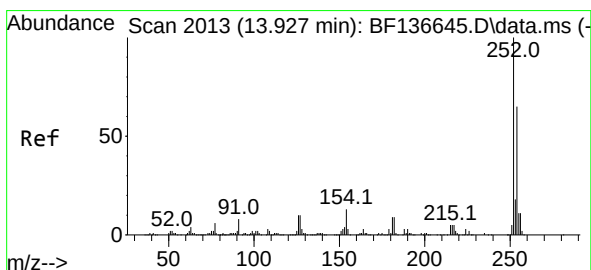
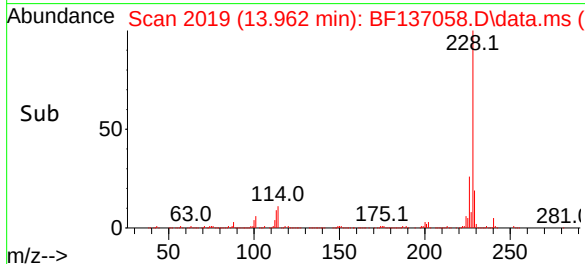
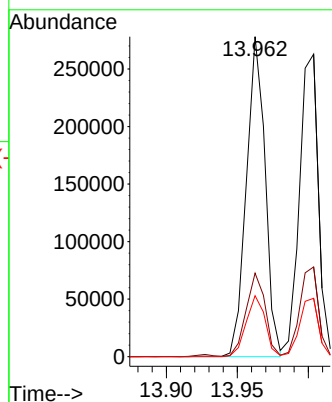
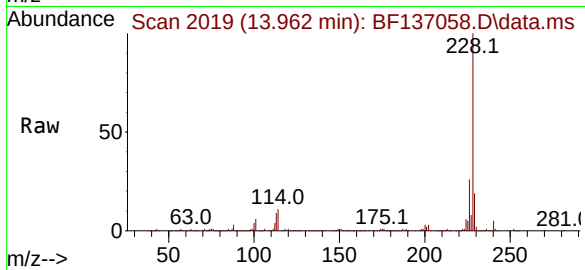
Tgt Ion:228 Resp: 256406

Ion Ratio Lower Upper

228 100

226 26.1 21.4 32.0

229 19.0 14.9 22.3



#82

3,3'-Dichlorobenzidine

Concen: 44.719 ng

RT: 13.927 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF137058.D

Acq: 15 Jan 2024 11:04

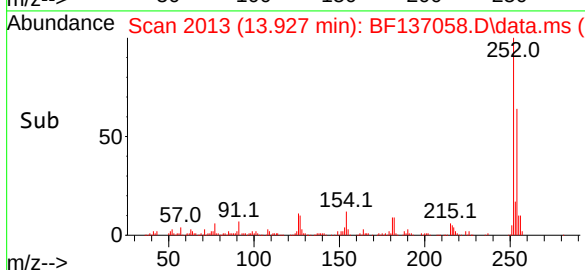
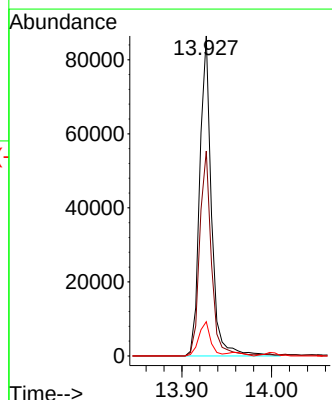
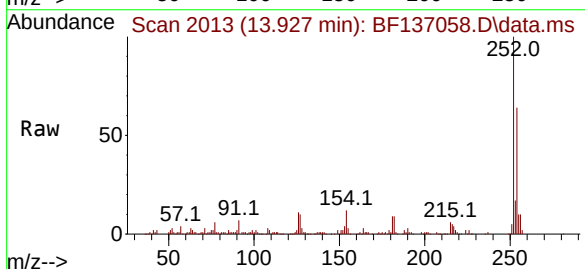
Tgt Ion:252 Resp: 78474

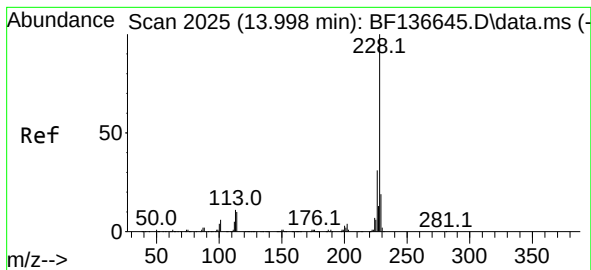
Ion Ratio Lower Upper

252 100

254 64.1 52.2 78.4

126 10.7 8.0 12.0





#83

Chrysene

Concen: 40.402 ng

RT: 14.004 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF137058.D

Acq: 15 Jan 2024 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

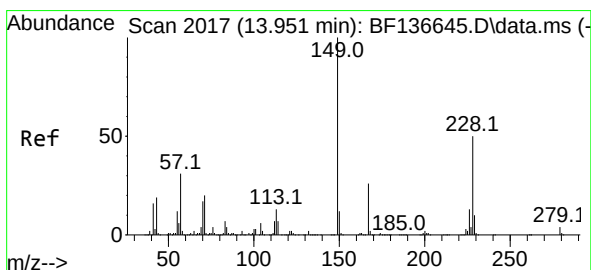
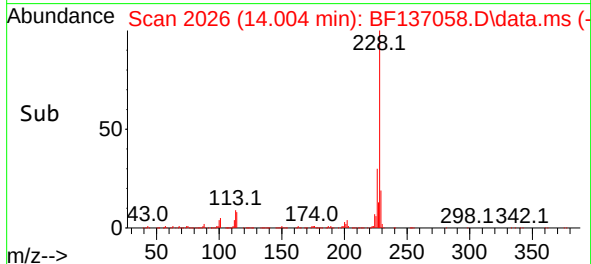
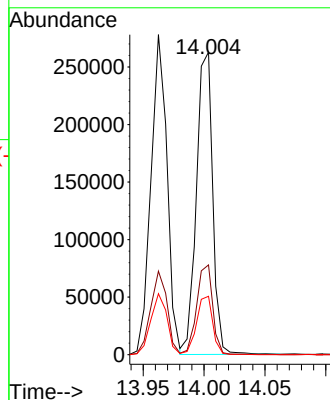
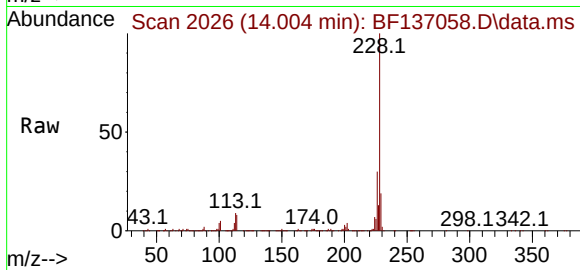
Tgt Ion:228 Resp: 244133

Ion Ratio Lower Upper

228 100

226 29.7 24.7 37.1

229 19.3 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.312 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF137058.D

Acq: 15 Jan 2024 11:04

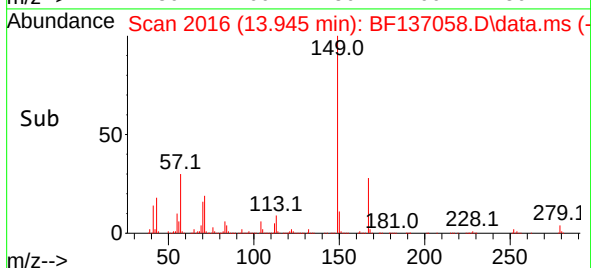
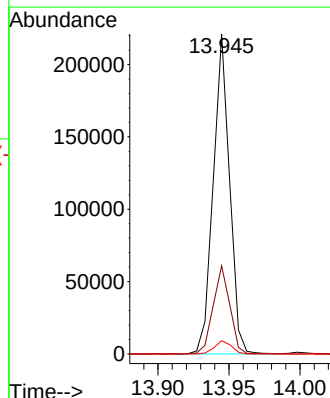
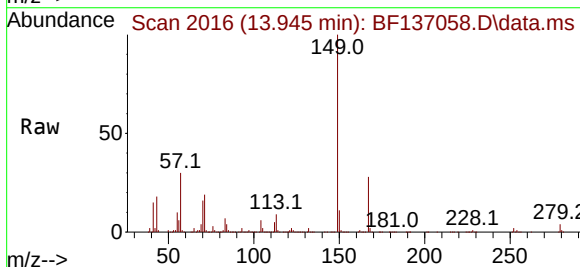
Tgt Ion:149 Resp: 177217

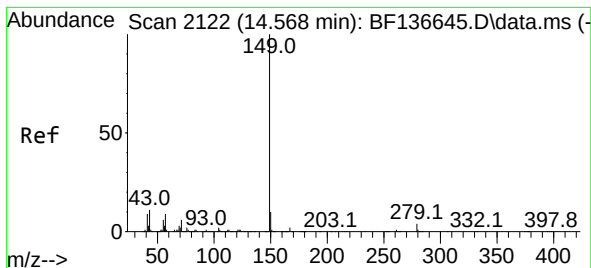
Ion Ratio Lower Upper

149 100

167 27.6 20.9 31.3

279 4.2 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 46.340 ng

RT: 14.562 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF137058.D

Acq: 15 Jan 2024 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

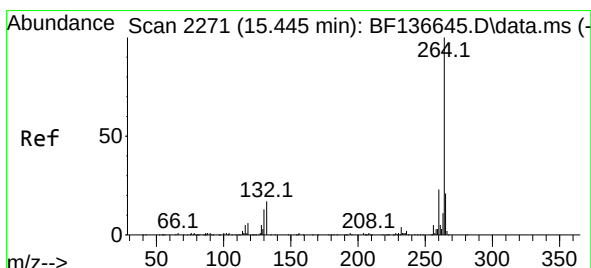
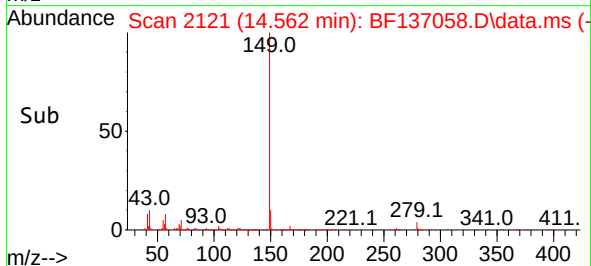
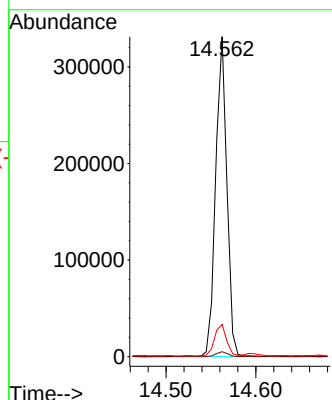
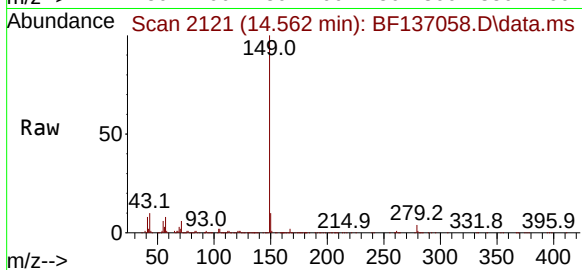
Tgt Ion:149 Resp: 286676

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 10.5 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 2274

Delta R.T. 0.018 min

Lab File: BF137058.D

Acq: 15 Jan 2024 11:04

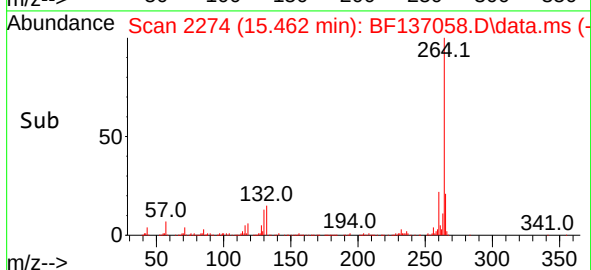
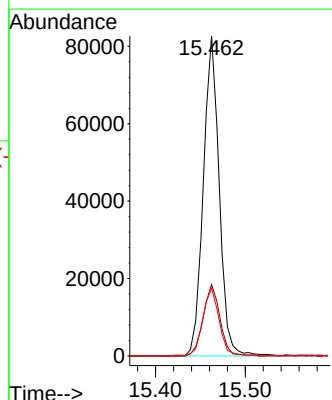
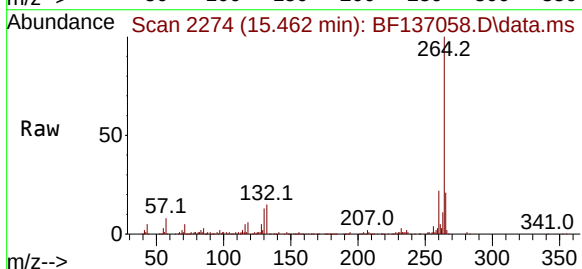
Tgt Ion:264 Resp: 101626

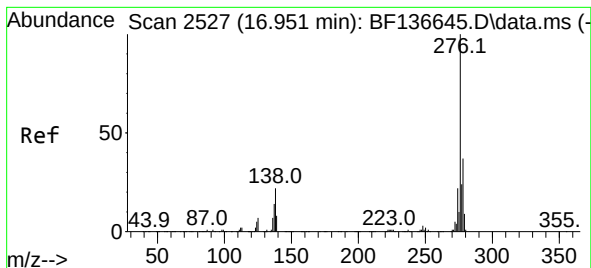
Ion Ratio Lower Upper

264 100

260 22.4 18.3 27.5

265 21.2 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.270 ng

RT: 16.998 min Scan# 21

Delta R.T. 0.047 min

Lab File: BF137058.D

Acq: 15 Jan 2024 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

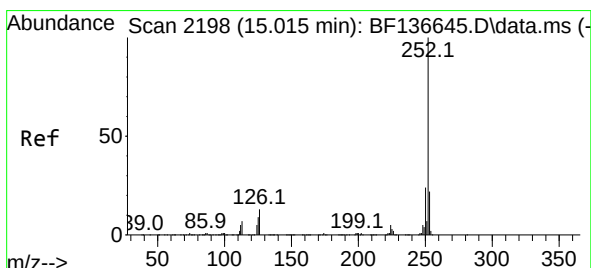
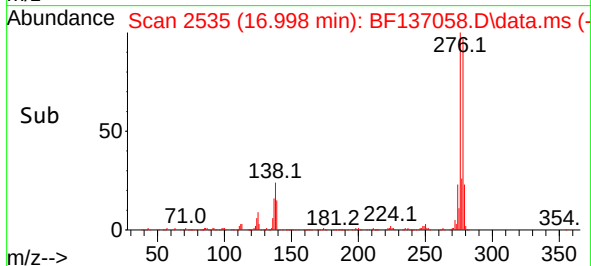
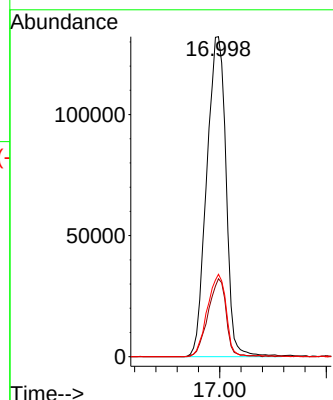
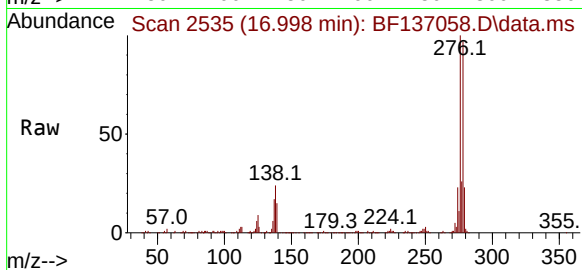
Tgt Ion:276 Resp: 332167

Ion Ratio Lower Upper

276 100

138 22.9 18.7 28.1

277 25.1 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 36.972 ng

RT: 15.027 min Scan# 2200

Delta R.T. 0.012 min

Lab File: BF137058.D

Acq: 15 Jan 2024 11:04

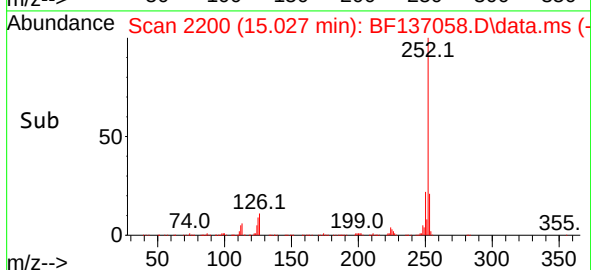
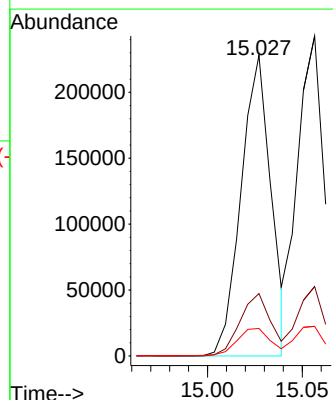
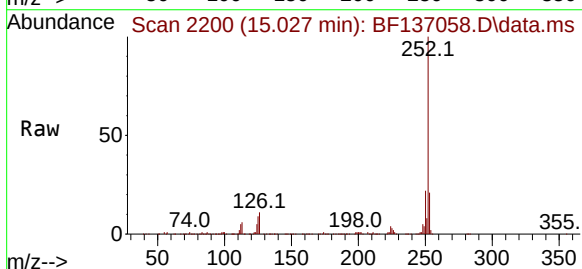
Tgt Ion:252 Resp: 250953

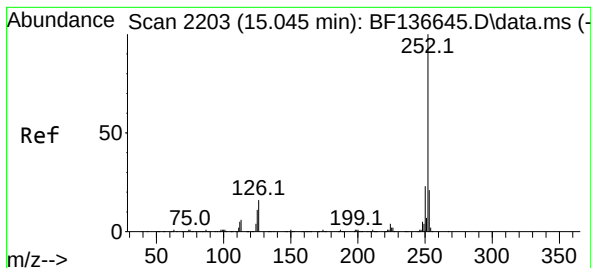
Ion Ratio Lower Upper

252 100

253 20.8 17.4 26.0

125 9.2 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 37.737 ng

RT: 15.057 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF137058.D

Acq: 15 Jan 2024 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

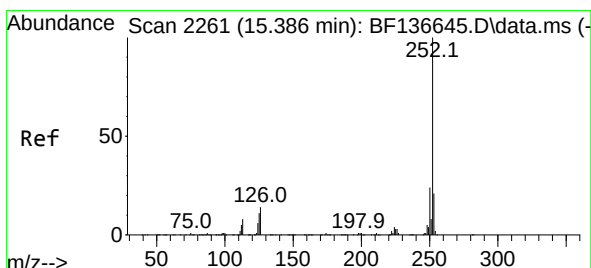
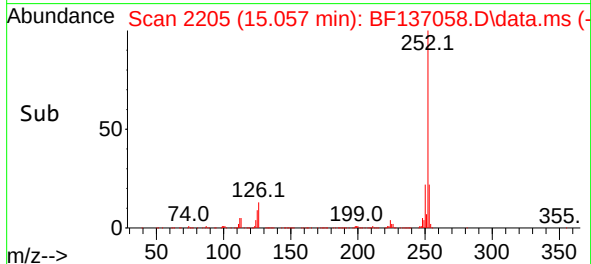
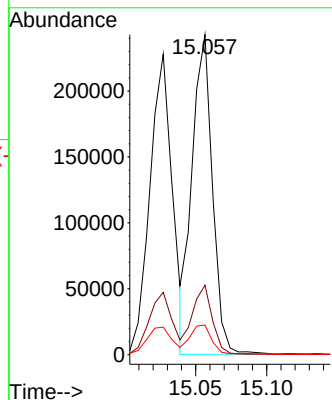
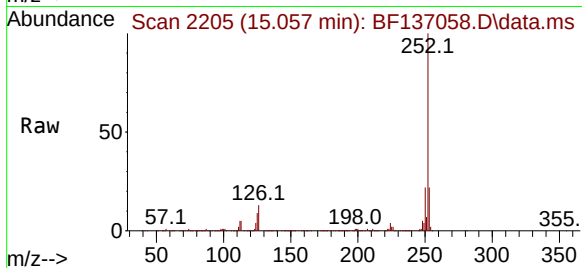
Tgt Ion:252 Resp: 242036

Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.6

125 9.3 8.2 12.4



#90

Benzo(a)pyrene

Concen: 39.950 ng

RT: 15.404 min Scan# 2264

Delta R.T. 0.018 min

Lab File: BF137058.D

Acq: 15 Jan 2024 11:04

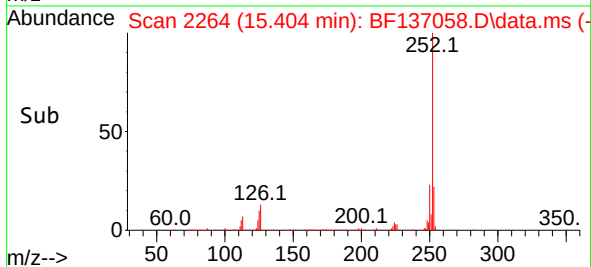
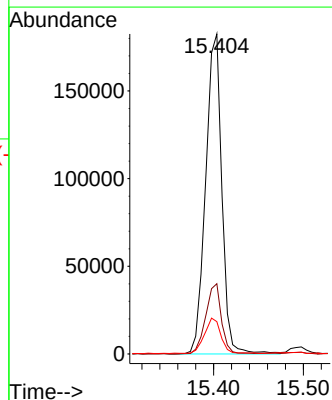
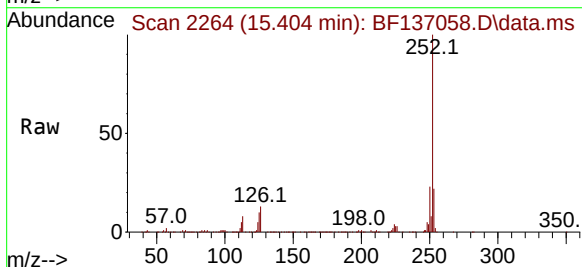
Tgt Ion:252 Resp: 228893

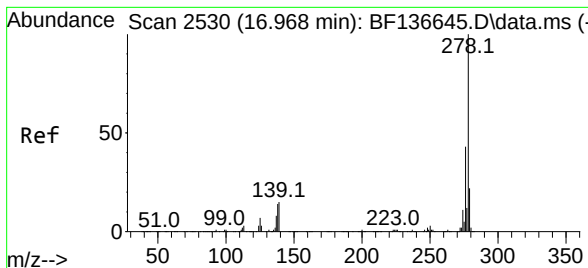
Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.6

125 10.1 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 45.914 ng

RT: 17.003 min Scan# 21

Delta R.T. 0.035 min

Lab File: BF137058.D

Acq: 15 Jan 2024 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

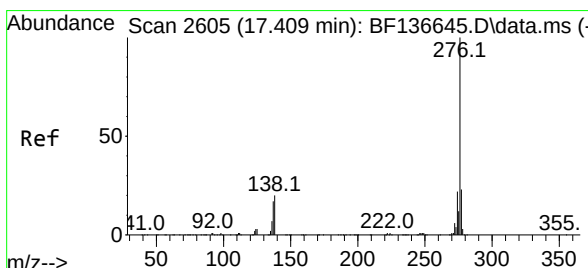
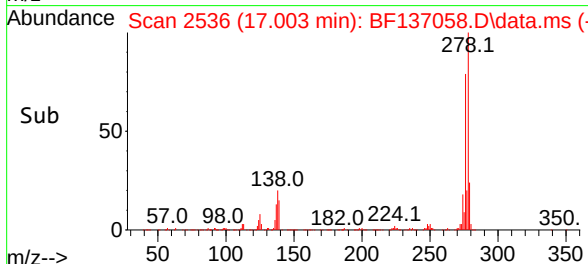
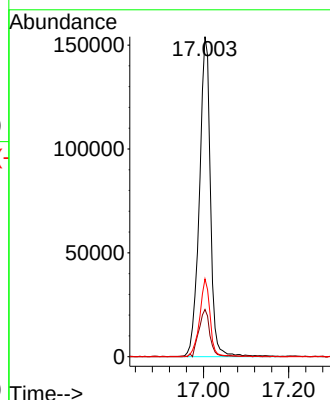
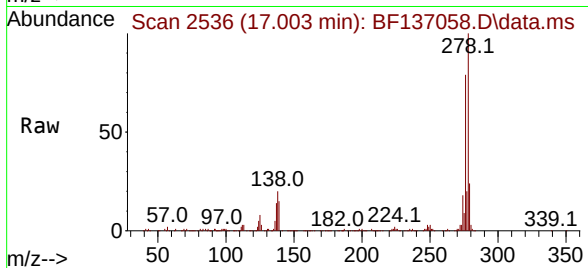
Tgt Ion:278 Resp: 276390

Ion Ratio Lower Upper

278 100

139 14.8 12.2 18.4

279 24.3 17.8 26.6



#92

Benzo(g,h,i)perylene

Concen: 45.592 ng

RT: 17.456 min Scan# 2613

Delta R.T. 0.047 min

Lab File: BF137058.D

Acq: 15 Jan 2024 11:04

Tgt Ion:276 Resp: 281098

Ion Ratio Lower Upper

276 100

277 22.3 18.3 27.5

138 18.9 15.6 23.4

