

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031924\
 Data File : BF137646.D
 Acq On : 19 Mar 2024 14:10
 Operator : CG\JU
 Sample : PB159655BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159655BS

Quant Time: Mar 19 14:36:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 14:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	193964	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	777713	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	407622	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	696905	20.000	ng	0.00
76) Chrysene-d12	13.880	240	407778	20.000	ng	0.00
86) Perylene-d12	15.298	264	373321	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1660208	129.635	ng	0.02
7) Phenol-d6	6.375	99	2214018	119.766	ng	0.00
23) Nitrobenzene-d5	7.298	82	1394042	83.286	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	541871	151.376	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	2248911	86.363	ng	0.00
79) Terphenyl-d14	12.833	244	2381748	80.317	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.475	88	250208	35.731	ng	97
3) Pyridine	3.181	79	538498	31.885	ng	97
4) n-Nitrosodimethylamine	3.146	42	283637	41.979	ng	93
6) Aniline	6.393	93	445465	19.721	ng	# 18
8) 2-Chlorophenol	6.516	128	640445	47.413	ng	100
9) Benzaldehyde	6.275	77	137509	15.183	ng	97
10) Phenol	6.387	94	830768	41.753	ng	88
11) bis(2-Chloroethyl)ether	6.469	93	654270	44.872	ng	98
12) 1,3-Dichlorobenzene	6.669	146	651777	45.155	ng	95
13) 1,4-Dichlorobenzene	6.745	146	671901	45.496	ng	98
14) 1,2-Dichlorobenzene	6.893	146	636773	46.976	ng	99
15) Benzyl Alcohol	6.881	79	566140	49.192	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.004	45	987582	39.404	ng	91
17) 2-Methylphenol	6.993	107	532089	42.097	ng	97
18) Hexachloroethane	7.234	117	233266	47.969	ng	95
19) n-Nitroso-di-n-propyla...	7.151	70	469161	41.099	ng	98
20) 3+4-Methylphenols	7.145	107	607340	41.955	ng	97
22) Acetophenone	7.140	105	849224	45.131	ng	# 95
24) Nitrobenzene	7.316	77	724555	43.092	ng	98
25) Isophorone	7.551	82	1380042	43.399	ng	99
26) 2-Nitrophenol	7.628	139	335382	50.241	ng	99
27) 2,4-Dimethylphenol	7.675	122	479999	38.482	ng	98
28) bis(2-Chloroethoxy)met...	7.769	93	823202	44.122	ng	98
29) 2,4-Dichlorophenol	7.875	162	531241	46.406	ng	97
30) 1,2,4-Trichlorobenzene	7.951	180	557719	46.296	ng	99
31) Naphthalene	8.034	128	1787062	42.827	ng	100
32) Benzoic acid	7.828	122	330945	46.326	ng	99
33) 4-Chloroaniline	8.087	127	256150	15.655	ng	99
34) Hexachlorobutadiene	8.145	225	327088	45.990	ng	100
35) Caprolactam	8.469	113	111111	28.624	ng	94
36) 4-Chloro-3-methylphenol	8.575	107	573776	44.840	ng	100
37) 2-Methylnaphthalene	8.722	142	1103694	41.491	ng	100
38) 1-Methylnaphthalene	8.822	142	1034278	41.287	ng	98
40) 1,2,4,5-Tetrachloroben...	8.887	216	556196	48.876	ng	100
41) Hexachlorocyclopentadiene	8.875	237	397312	84.981	ng	99
43) 2,4,6-Trichlorophenol	9.004	196	362767	48.953	ng	99

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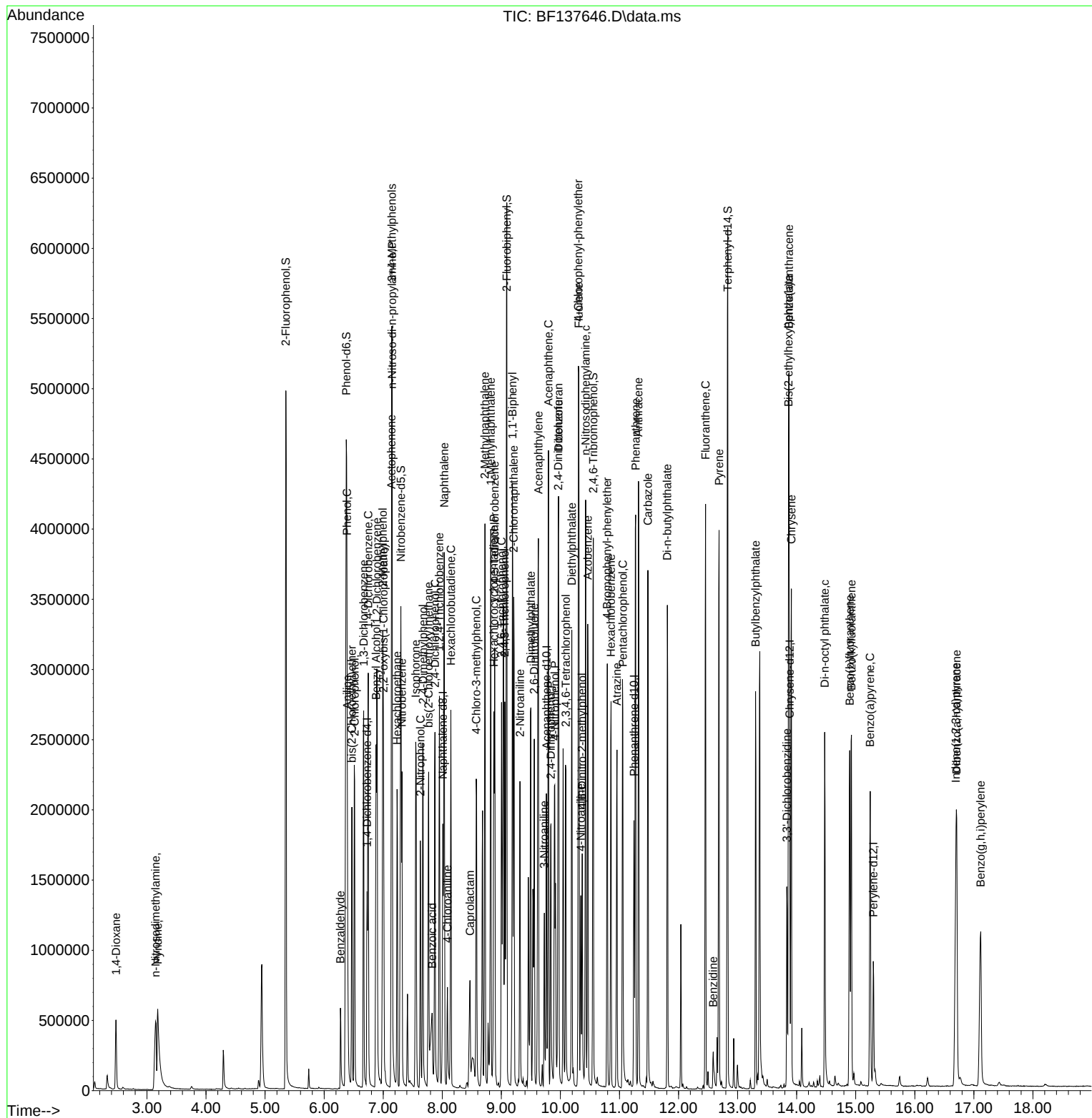
Instrument :
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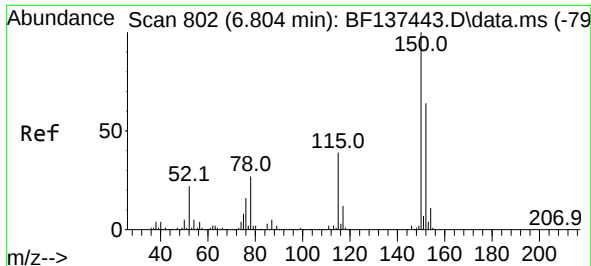
Quant Time: Mar 19 14:36:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.057	196	389545	45.632	ng	96
46) 1,1'-Biphenyl	9.187	154	1361404	45.632	ng	99
47) 2-Chloronaphthalene	9.210	162	1079681	47.466	ng	98
48) 2-Nitroaniline	9.316	65	378138	48.910	ng	98
49) Acenaphthylene	9.628	152	1683174	46.239	ng	99
50) Dimethylphthalate	9.498	163	1303262	45.930	ng	100
51) 2,6-Dinitrotoluene	9.557	165	290443	48.938	ng	94
52) Acenaphthene	9.798	154	952585	43.833	ng	100
53) 3-Nitroaniline	9.728	138	198047	31.548	ng	92
54) 2,4-Dinitrophenol	9.839	184	288376	97.603	ng	92
55) Dibenzofuran	9.969	168	1427537	43.128	ng	99
56) 4-Nitrophenol	9.904	139	385815	86.023	ng	93
57) 2,4-Dinitrotoluene	9.963	165	353779	48.519	ng	93
58) Fluorene	10.310	166	1127630	44.360	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.092	232	323883	47.313	ng	94
60) Diethylphthalate	10.192	149	1222162	45.611	ng	99
61) 4-Chlorophenyl-phenyle...	10.304	204	543564	43.631	ng	97
62) 4-Nitroaniline	10.345	138	240703	44.612	ng	96
63) Azobenzene	10.463	77	1317726	42.707	ng	98
65) 4,6-Dinitro-2-methylph...	10.369	198	210958	54.312	ng	92
66) n-Nitrosodiphenylamine	10.428	169	1011342	45.066	ng	100
67) 4-Bromophenyl-phenylether	10.792	248	354057	46.645	ng	97
68) Hexachlorobenzene	10.857	284	393229	51.291	ng	# 90
69) Atrazine	10.957	200	282555	41.418	ng	98
70) Pentachlorophenol	11.057	266	407633	87.955	ng	98
71) Phenanthrene	11.275	178	1645289	43.380	ng	99
72) Anthracene	11.322	178	1699662	43.633	ng	99
73) Carbazole	11.480	167	1481871	44.413	ng	100
74) Di-n-butylphthalate	11.810	149	1799061	45.319	ng	99
75) Fluoranthene	12.457	202	1625580	43.848	ng	97
77) Benzidine	12.586	184	152144	15.246	ng	98
78) Pyrene	12.686	202	1651278	41.269	ng	99
80) Butylbenzylphthalate	13.304	149	622464	60.915	ng	98
81) Benzo(a)anthracene	13.869	228	1251023	43.771	ng	99
82) 3,3'-Dichlorobenzidine	13.833	252	331796	43.594	ng	98
83) Chrysene	13.910	228	1267765	43.888	ng	99
84) Bis(2-ethylhexyl)phtha...	13.863	149	787384	60.624	ng	99
85) Di-n-octyl phthalate	14.474	149	1312061	51.900	ng	96
87) Indeno(1,2,3-cd)pyrene	16.698	276	1139671	46.390	ng	96
88) Benzo(b)fluoranthene	14.898	252	1139057	51.580	ng	99
89) Benzo(k)fluoranthene	14.927	252	1102212	46.468	ng	98
90) Benzo(a)pyrene	15.245	252	1025245	47.112	ng	99
91) Dibenzo(a,h)anthracene	16.710	278	936140	46.974	ng	97
92) Benzo(g,h,i)perylene	17.115	276	907427	44.336	ng	97

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

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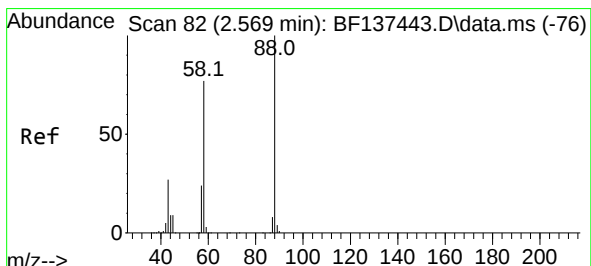
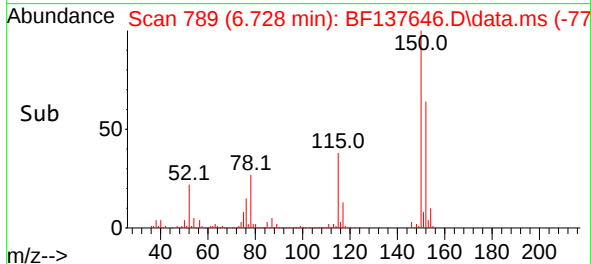
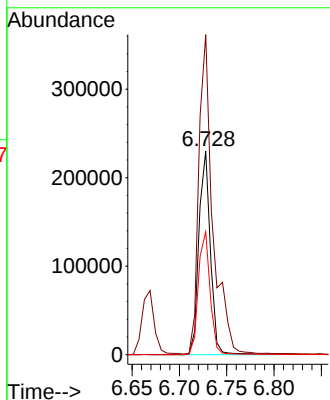
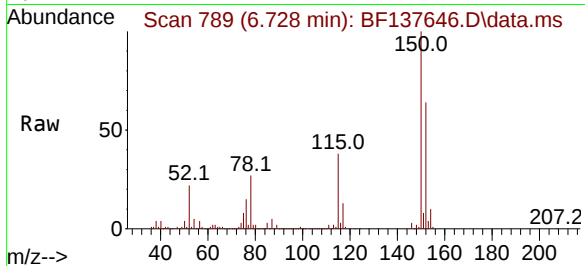




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.728 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF137646.D
 Acq: 19 Mar 2024 14:10

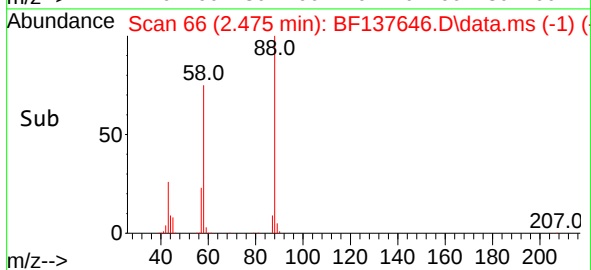
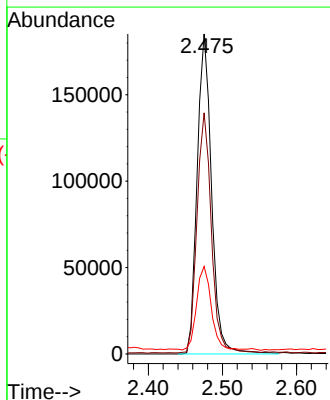
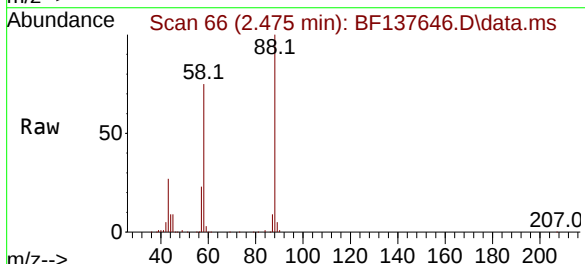
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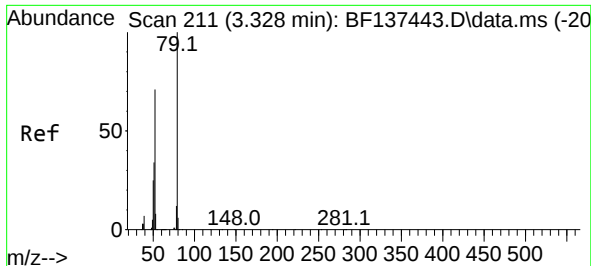
Tgt Ion:152 Resp: 193964
 Ion Ratio Lower Upper
 152 100
 150 157.1 125.8 188.6
 115 60.4 48.8 73.2



#2
 1,4-Dioxane
 Concen: 35.731 ng
 RT: 2.475 min Scan# 66
 Delta R.T. 0.106 min
 Lab File: BF137646.D
 Acq: 19 Mar 2024 14:10

Tgt Ion: 88 Resp: 250208
 Ion Ratio Lower Upper
 88 100
 58 74.5 61.8 92.8
 43 26.5 22.2 33.4

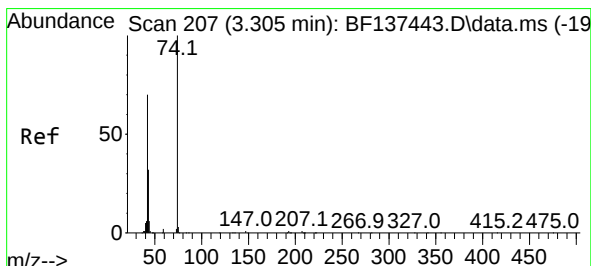
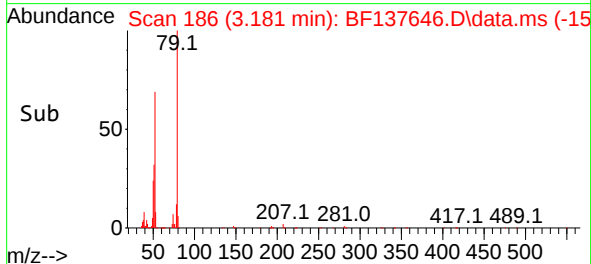
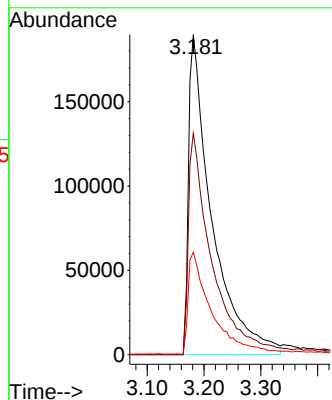
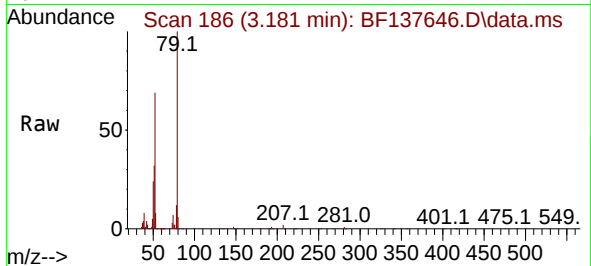




#3
Pyridine
Concen: 31.885 ng
RT: 3.181 min Scan# 186
Delta R.T. 0.112 min
Lab File: BF137646.D
Acq: 19 Mar 2024 14:10

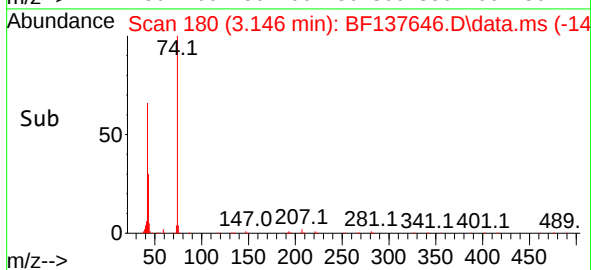
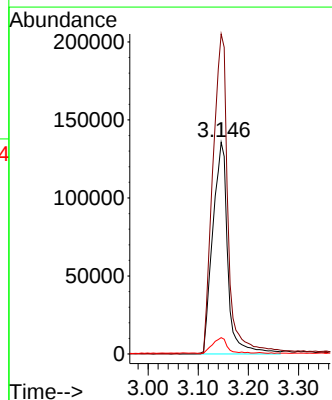
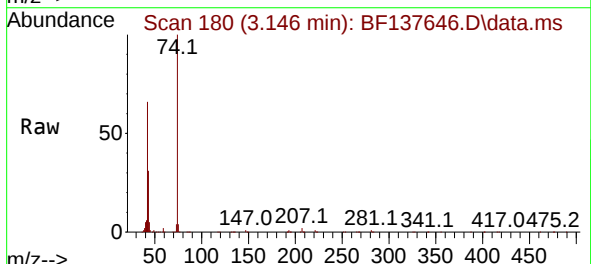
Instrument :
BNA_F
ClientSampleId :
PB159655BS

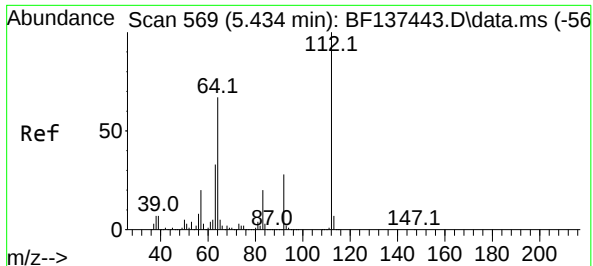
Tgt Ion: 79 Resp: 538498
Ion Ratio Lower Upper
79 100
52 69.2 57.0 85.4
51 32.0 27.5 41.3



#4
n-Nitrosodimethylamine
Concen: 41.979 ng
RT: 3.146 min Scan# 180
Delta R.T. 0.106 min
Lab File: BF137646.D
Acq: 19 Mar 2024 14:10

Tgt Ion: 42 Resp: 283637
Ion Ratio Lower Upper
42 100
74 151.2 114.0 171.0
44 7.7 7.0 10.4

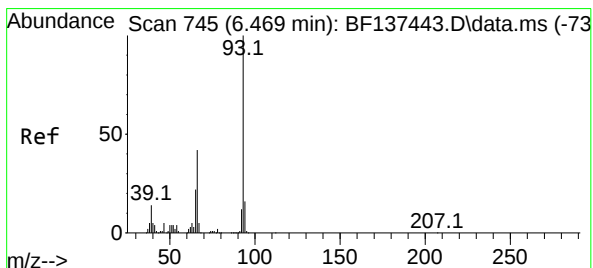
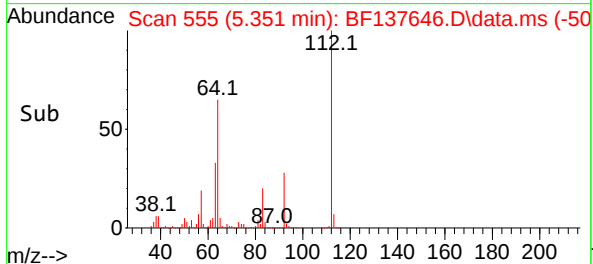
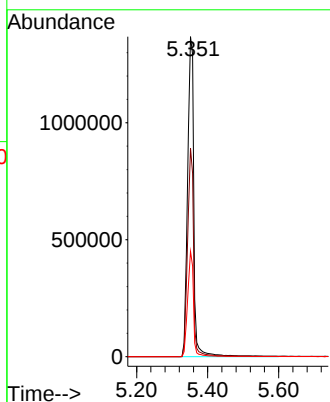
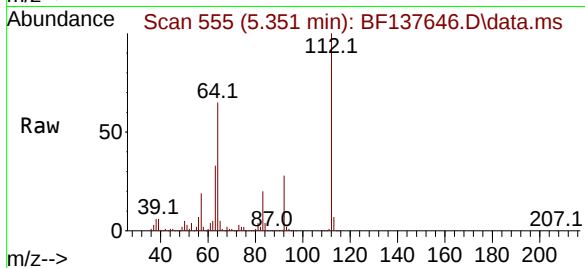




#5
2-Fluorophenol
Concen: 129.635 ng
RT: 5.351 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF137646.D
Acq: 19 Mar 2024 14:10

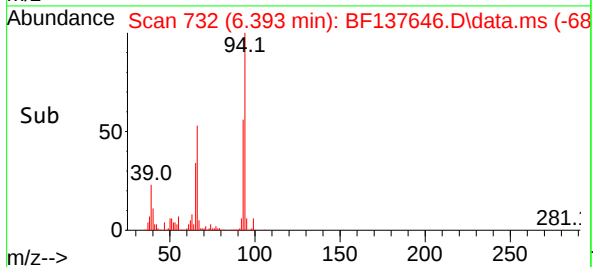
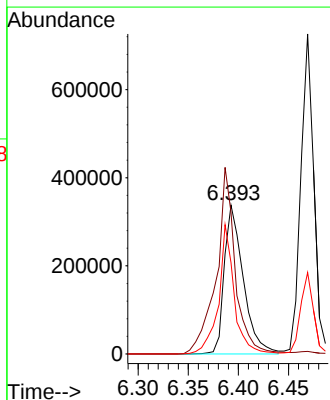
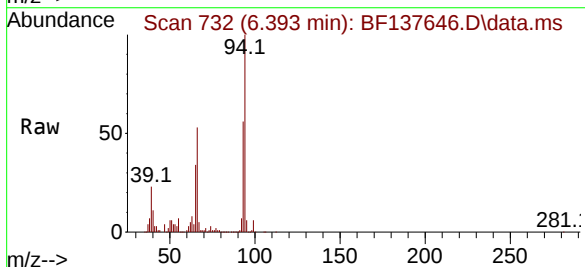
Instrument :
BNA_F
ClientSampleId :
PB159655BS

Tgt Ion:112 Resp: 1660208
Ion Ratio Lower Upper
112 100
64 65.1 53.4 80.2
63 32.9 26.2 39.2



#6
Aniline
Concen: 19.721 ng
RT: 6.393 min Scan# 732
Delta R.T. -0.000 min
Lab File: BF137646.D
Acq: 19 Mar 2024 14:10

Tgt Ion: 93 Resp: 445465
Ion Ratio Lower Upper
93 100
66 95.2 34.0 51.0#
65 61.4 17.8 26.8#





#7

Phenol-d6

Concen: 119.766 ng

RT: 6.375 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF137646.D

Acq: 19 Mar 2024 14:10

Instrument :

BNA_F

ClientSampleId :

PB159655BS

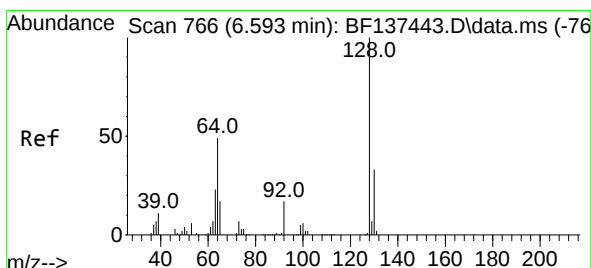
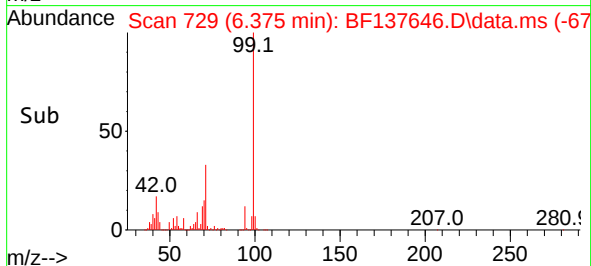
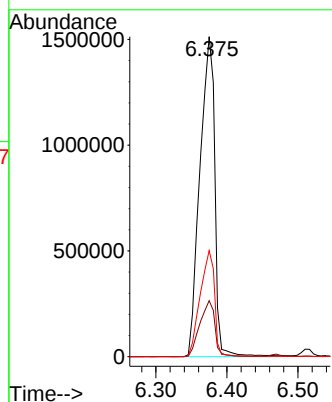
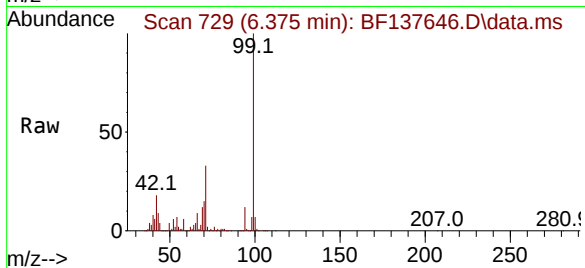
Tgt Ion: 99 Resp: 2214018

Ion Ratio Lower Upper

99 100

42 17.5 14.6 21.8

71 33.2 25.3 37.9



#8

2-Chlorophenol

Concen: 47.413 ng

RT: 6.516 min Scan# 753

Delta R.T. 0.006 min

Lab File: BF137646.D

Acq: 19 Mar 2024 14:10

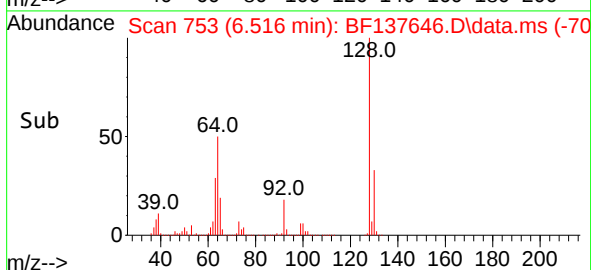
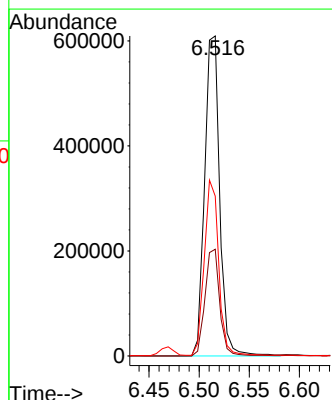
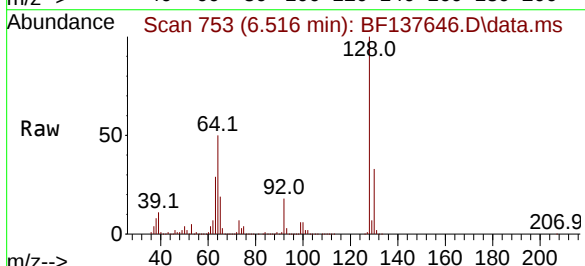
Tgt Ion:128 Resp: 640445

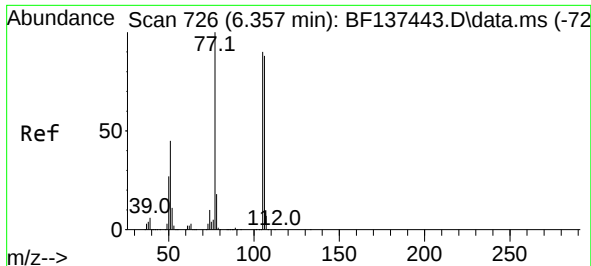
Ion Ratio Lower Upper

128 100

130 33.3 13.4 53.4

64 49.9 30.0 70.0





#9

Benzaldehyde

Concen: 15.183 ng

RT: 6.275 min Scan# 712

Delta R.T. -0.006 min

Lab File: BF137646.D

Acq: 19 Mar 2024 14:10

Instrument :

BNA_F

ClientSampleId :

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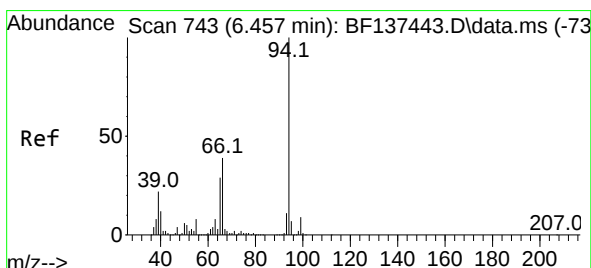
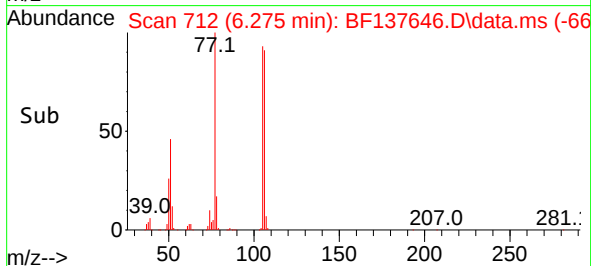
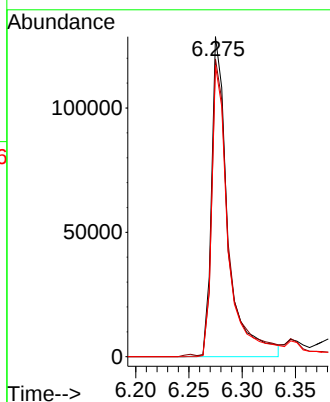
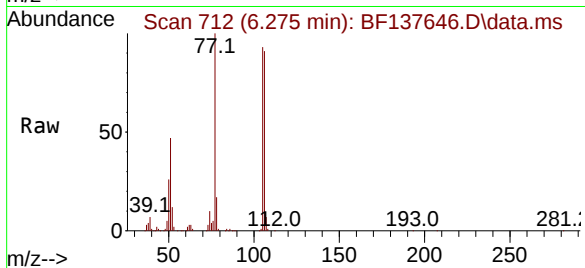
Tgt Ion: 77 Resp: 137509

Ion Ratio Lower Upper

77 100

105 93.1 69.8 109.8

106 91.0 67.8 107.8



#10

Phenol

Concen: 41.753 ng

RT: 6.387 min Scan# 731

Delta R.T. 0.006 min

Lab File: BF137646.D

Acq: 19 Mar 2024 14:10

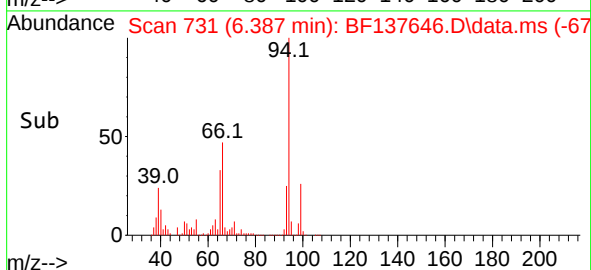
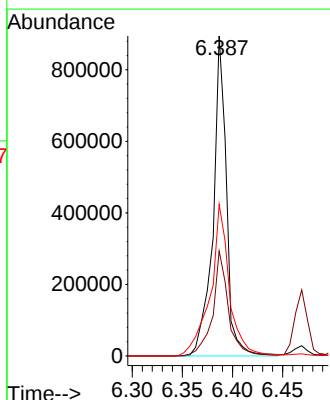
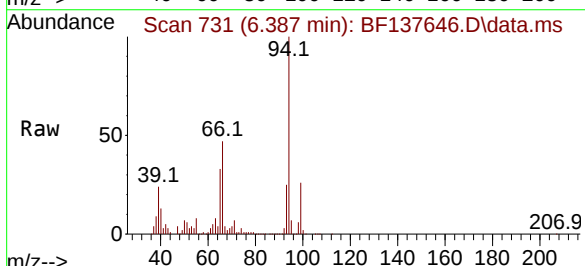
Tgt Ion: 94 Resp: 830768

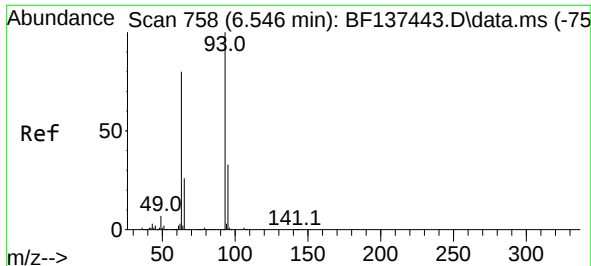
Ion Ratio Lower Upper

94 100

65 32.8 8.7 48.7

66 47.3 18.6 58.6





#11

bis(2-Chloroethyl)ether

Concen: 44.872 ng

RT: 6.469 min Scan# 74

Delta R.T. -0.000 min

Lab File: BF137646.D

Acq: 19 Mar 2024 14:10

Instrument :

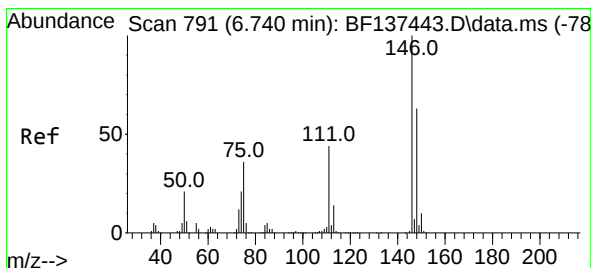
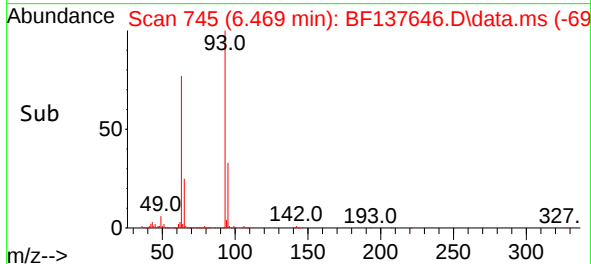
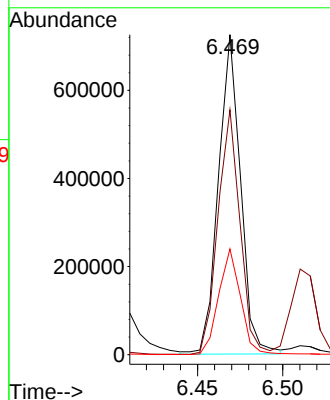
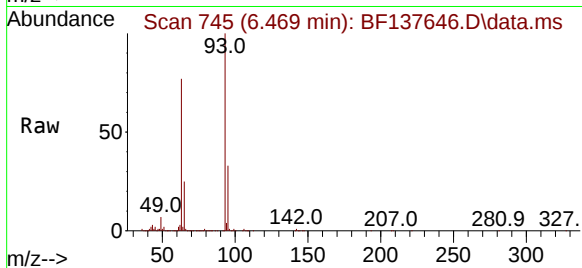
BNA_F

ClientSampleId :

PB159655BS

Tgt Ion: 93 Resp: 654270

Ion	Ratio	Lower	Upper
93	100		
63	76.6	58.9	98.9
95	33.0	12.2	52.2



#12

1,3-Dichlorobenzene

Concen: 45.155 ng

RT: 6.669 min Scan# 779

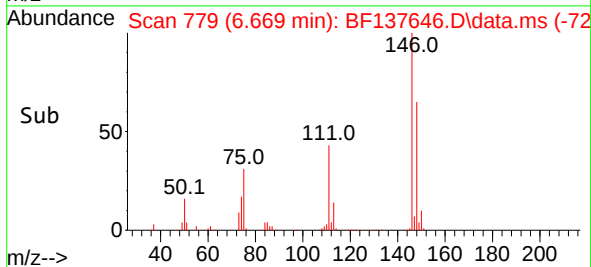
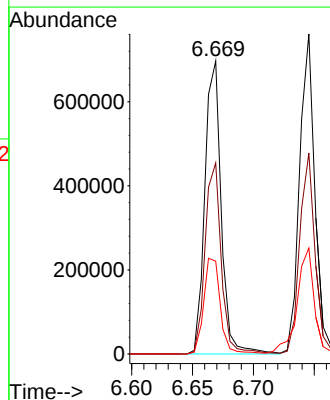
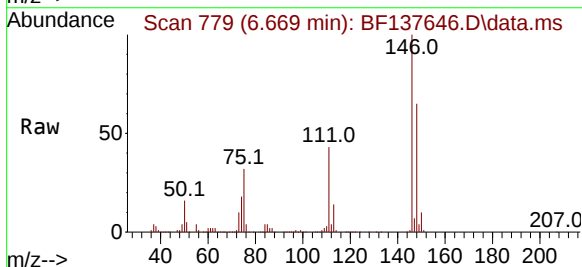
Delta R.T. -0.000 min

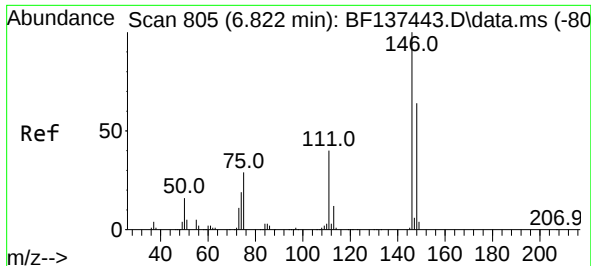
Lab File: BF137646.D

Acq: 19 Mar 2024 14:10

Tgt Ion: 146 Resp: 651777

Ion	Ratio	Lower	Upper
146	100		
148	65.2	50.3	75.5
75	31.7	29.0	43.4





#13

1,4-Dichlorobenzene

Concen: 45.496 ng

RT: 6.745 min Scan# 79

Delta R.T. -0.000 min

Lab File: BF137646.D

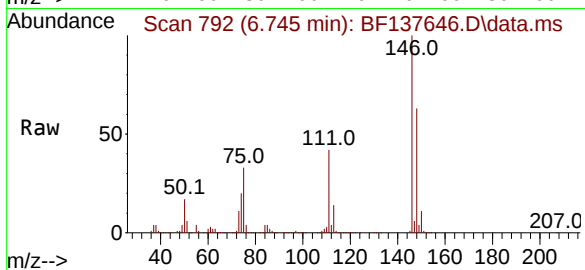
Acq: 19 Mar 2024 14:10

Instrument :

BNA_F

ClientSampleId :

PB159655BS



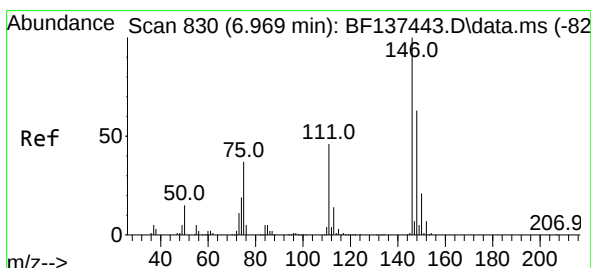
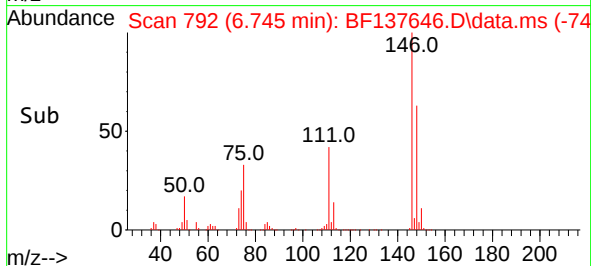
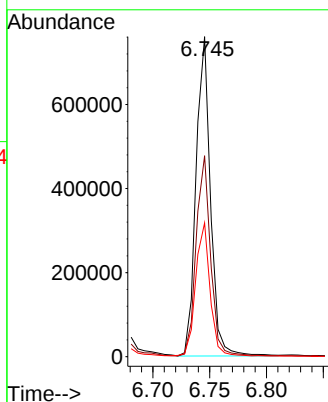
Tgt Ion:146 Resp: 671901

Ion Ratio Lower Upper

146 100

148 62.8 51.2 76.8

111 41.8 32.4 48.6



#14

1,2-Dichlorobenzene

Concen: 46.976 ng

RT: 6.893 min Scan# 817

Delta R.T. -0.006 min

Lab File: BF137646.D

Acq: 19 Mar 2024 14:10

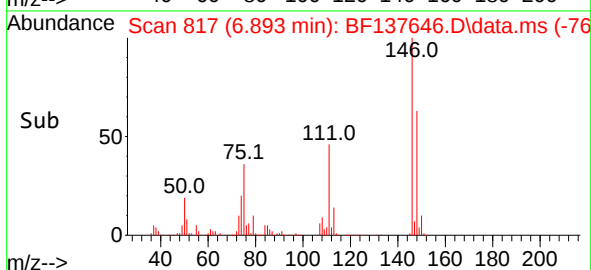
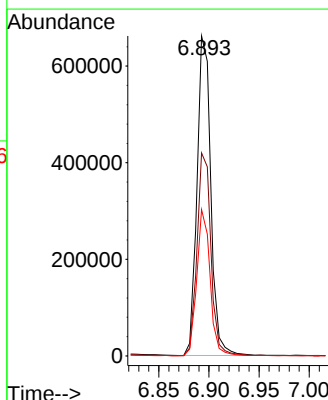
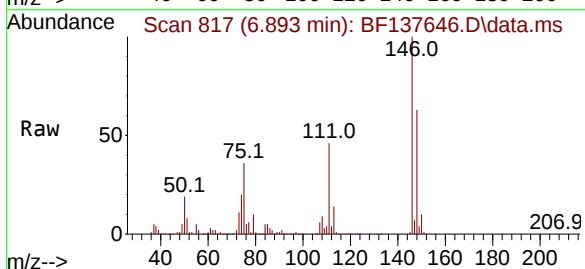
Tgt Ion:146 Resp: 636773

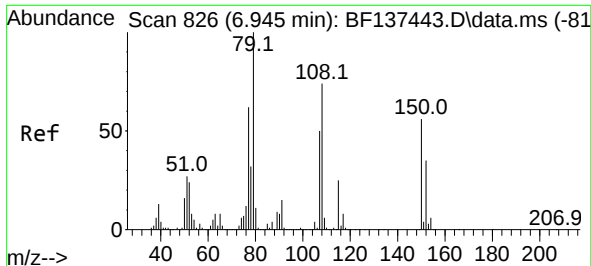
Ion Ratio Lower Upper

146 100

148 63.4 50.0 75.0

111 45.8 36.8 55.2

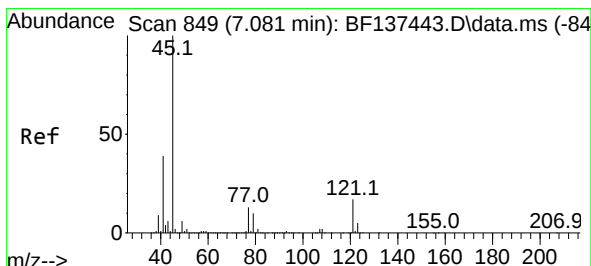
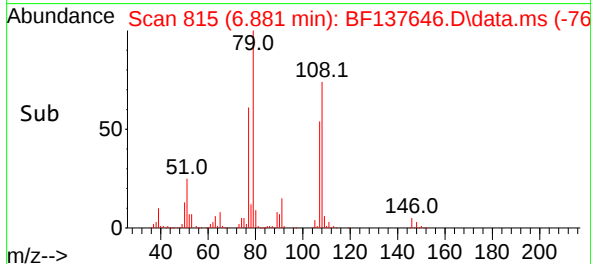
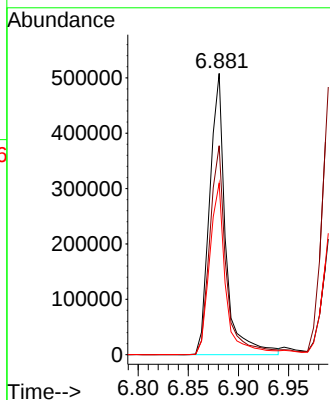
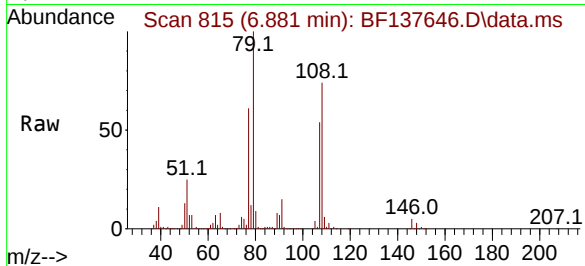




#15
Benzyl Alcohol
Concen: 49.192 ng
RT: 6.881 min Scan# 815
Delta R.T. 0.006 min
Lab File: BF137646.D
Acq: 19 Mar 2024 14:10

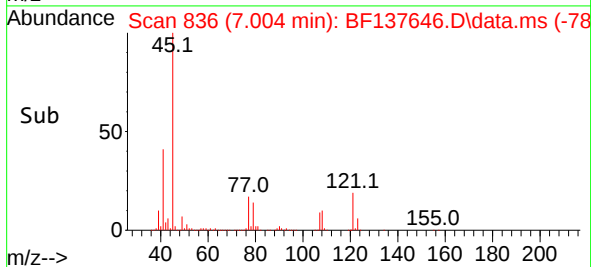
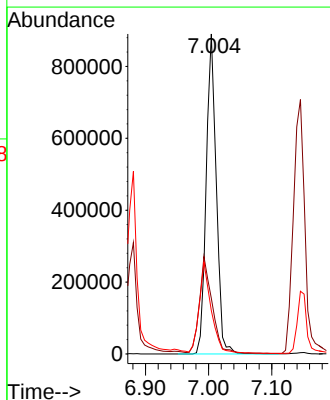
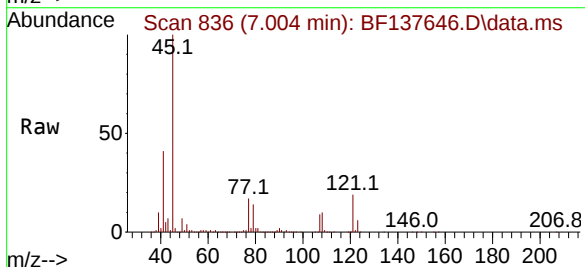
Instrument :
BNA_F
ClientSampleId :
PB159655BS

Tgt Ion: 79 Resp: 566140
Ion Ratio Lower Upper
79 100
108 74.3 59.5 89.3
77 61.0 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.404 ng
RT: 7.004 min Scan# 836
Delta R.T. 0.000 min
Lab File: BF137646.D
Acq: 19 Mar 2024 14:10

Tgt Ion: 45 Resp: 987582
Ion Ratio Lower Upper
45 100
77 17.4 0.0 33.4
79 13.6 0.0 30.9

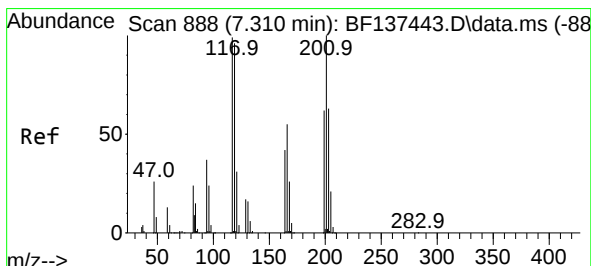
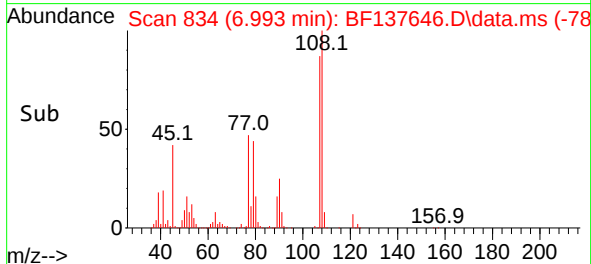
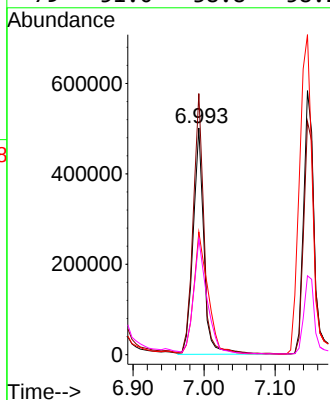
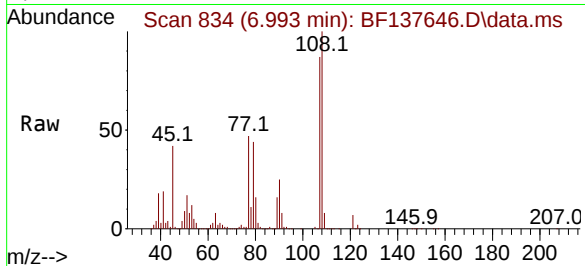




#17
2-Methylphenol
Concen: 42.097 ng
RT: 6.993 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF137646.D
Acq: 19 Mar 2024 14:10

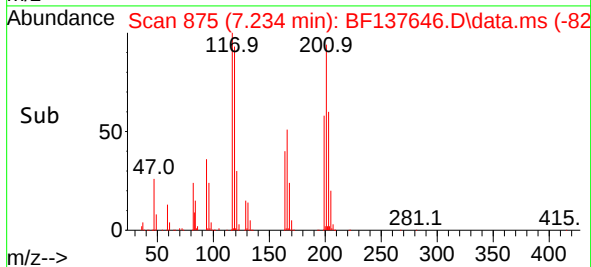
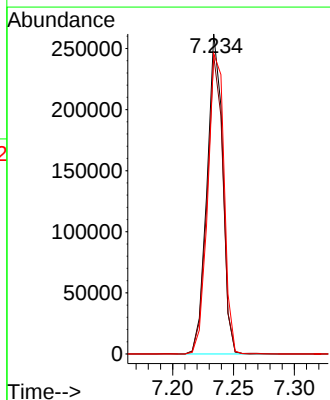
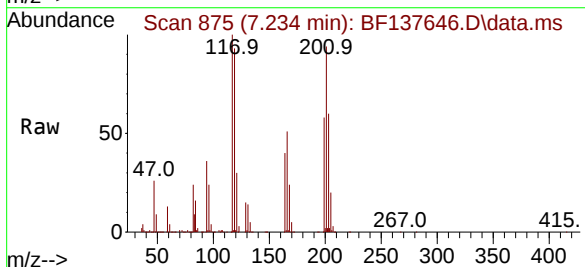
Instrument :
BNA_F
ClientSampleId :
PB159655BS

Tgt Ion:107 Resp: 532089
Ion Ratio Lower Upper
107 100
108 115.2 92.2 138.4
77 54.1 38.6 57.8
79 51.0 38.8 58.2



#18
Hexachloroethane
Concen: 47.969 ng
RT: 7.234 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF137646.D
Acq: 19 Mar 2024 14:10

Tgt Ion:117 Resp: 233266
Ion Ratio Lower Upper
117 100
119 93.2 77.5 116.3
201 93.8 80.6 121.0



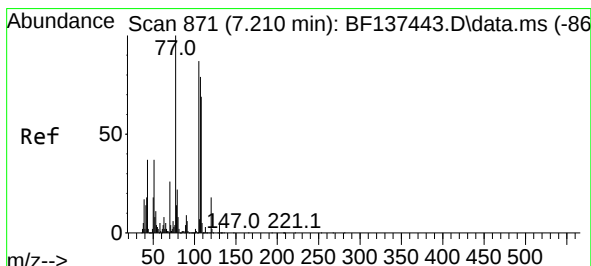
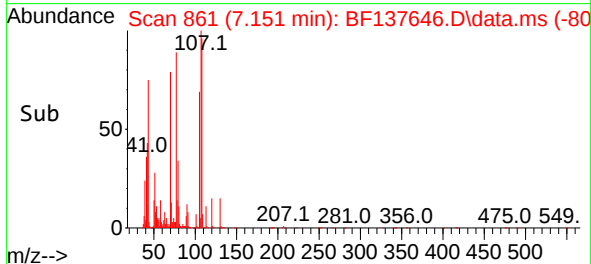
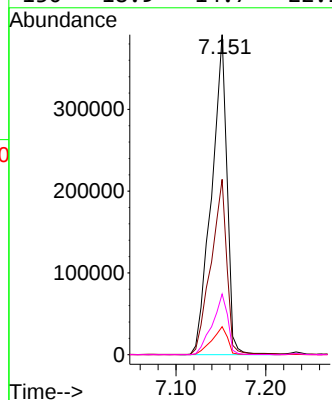
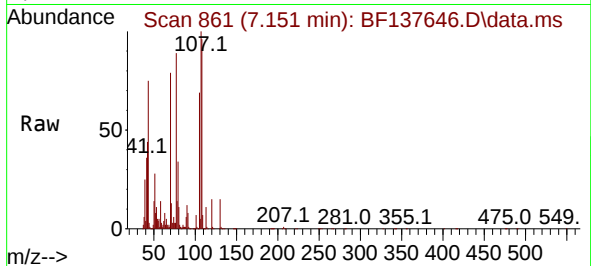


#19
n-Nitroso-di-n-propylamine
Concen: 41.099 ng
RT: 7.151 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF137646.D
Acq: 19 Mar 2024 14:10

Instrument :
BNA_F
ClientSampleId :
PB159655BS

Tgt Ion: 70 Resp: 469161

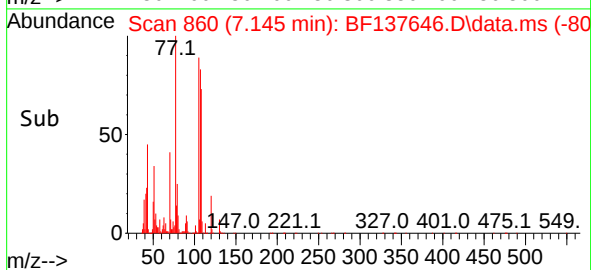
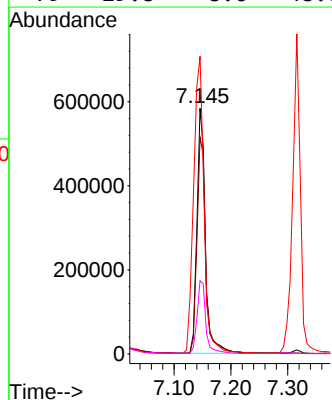
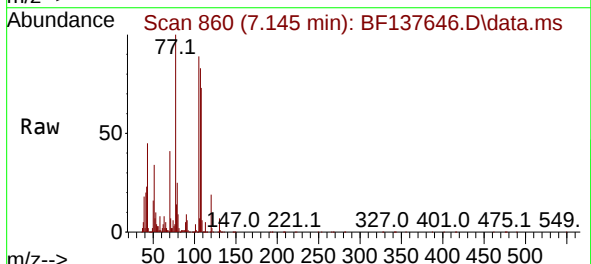
Ion	Ratio	Lower	Upper
70	100		
42	54.8	45.2	67.8
101	8.8	7.3	10.9
130	18.9	14.7	22.1

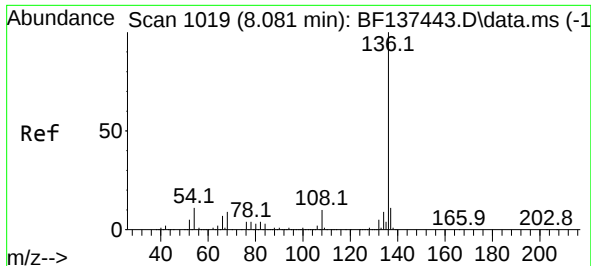


#20
3+4-Methylphenols
Concen: 41.955 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF137646.D
Acq: 19 Mar 2024 14:10

Tgt Ion: 107 Resp: 607340

Ion	Ratio	Lower	Upper
107	100		
108	88.3	67.6	107.6
77	121.2	107.1	147.1
79	29.8	8.6	48.6

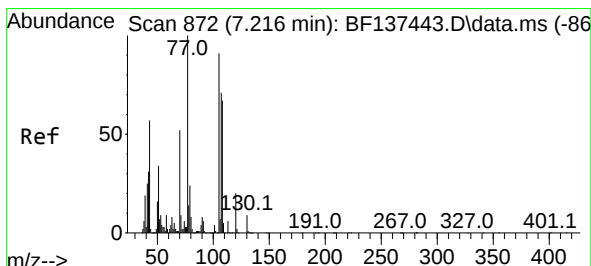
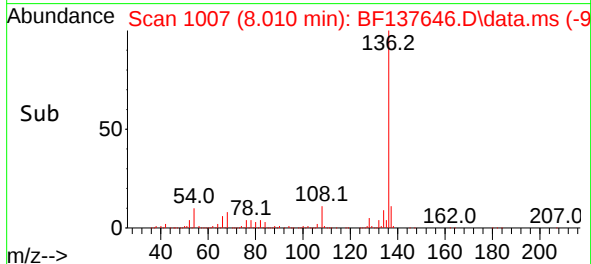
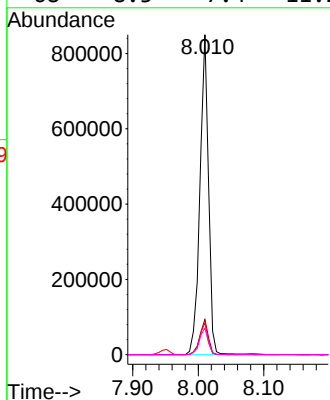
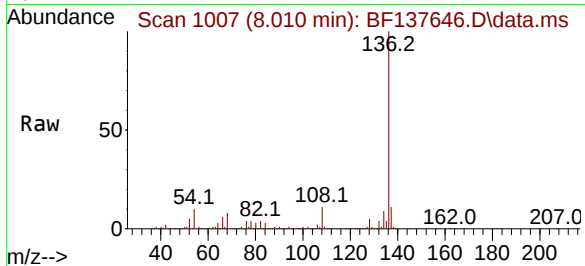




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF137646.D
Acq: 19 Mar 2024 14:10

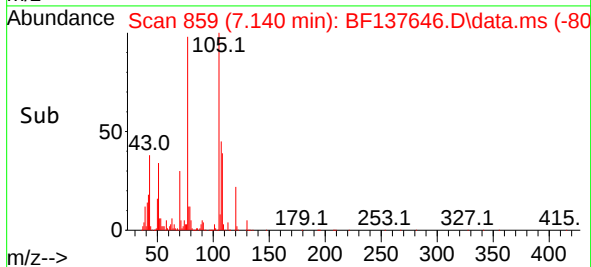
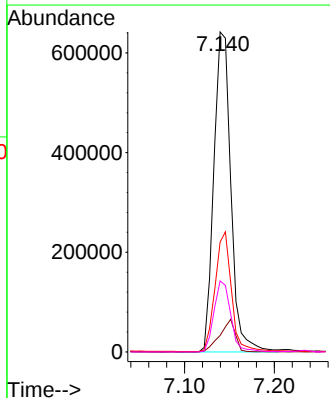
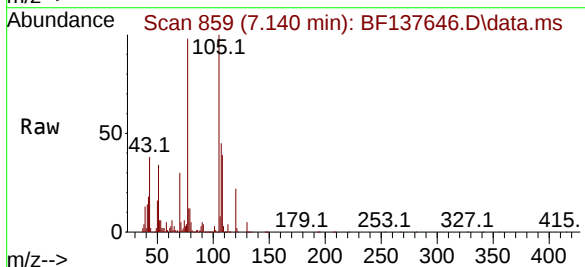
Instrument :
BNA_F
ClientSampleId :
PB159655BS

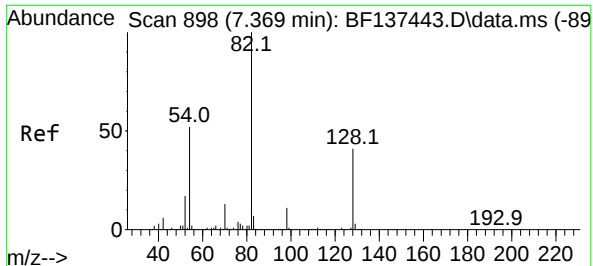
Tgt Ion:136 Resp: 777713
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 10.0 8.5 12.7
68 8.3 7.4 11.2



#22
Acetophenone
Concen: 45.131 ng
RT: 7.140 min Scan# 859
Delta R.T. 0.000 min
Lab File: BF137646.D
Acq: 19 Mar 2024 14:10

Tgt Ion:105 Resp: 849224
Ion Ratio Lower Upper
105 100
71 5.2 7.7 11.5#
51 34.3 30.4 45.6
120 22.2 17.4 26.0





#23

Nitrobenzene-d5

Concen: 83.286 ng

RT: 7.298 min Scan# 886

Delta R.T. 0.000 min

Lab File: BF137646.D

Acq: 19 Mar 2024 14:10

Instrument :

BNA_F

ClientSampleId :

PB159655BS

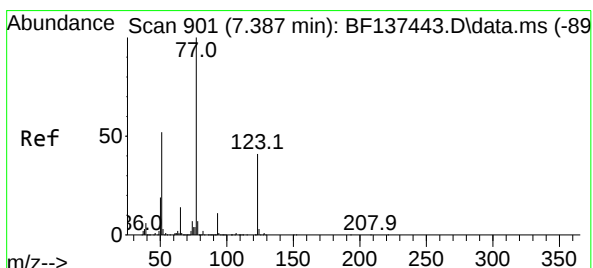
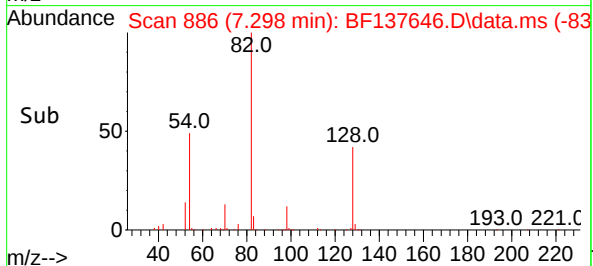
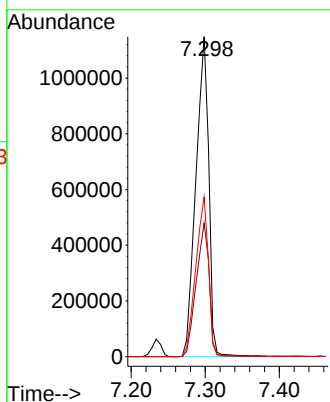
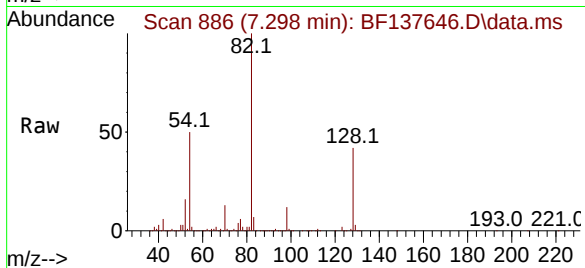
Tgt Ion: 82 Resp: 1394042

Ion Ratio Lower Upper

82 100

128 41.7 32.5 48.7

54 49.8 41.5 62.3



#24

Nitrobenzene

Concen: 43.092 ng

RT: 7.316 min Scan# 889

Delta R.T. -0.000 min

Lab File: BF137646.D

Acq: 19 Mar 2024 14:10

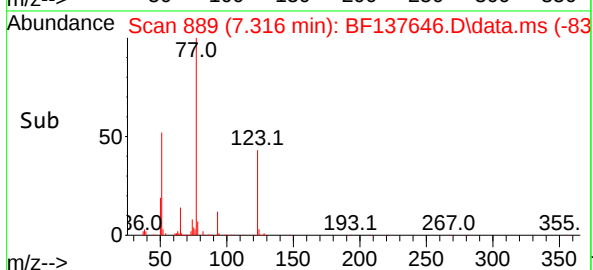
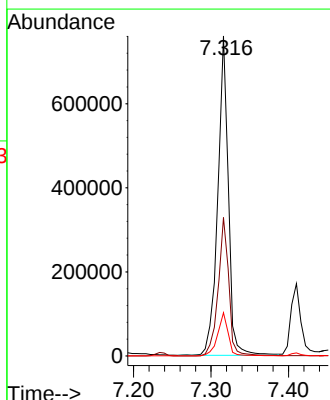
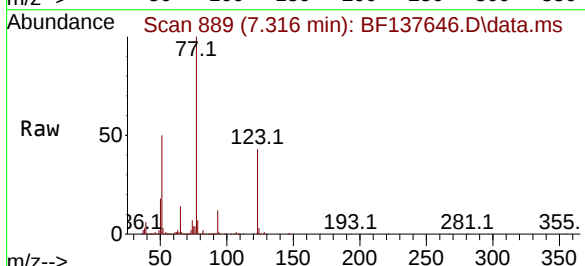
Tgt Ion: 77 Resp: 724555

Ion Ratio Lower Upper

77 100

123 43.2 33.0 49.6

65 13.5 10.9 16.3

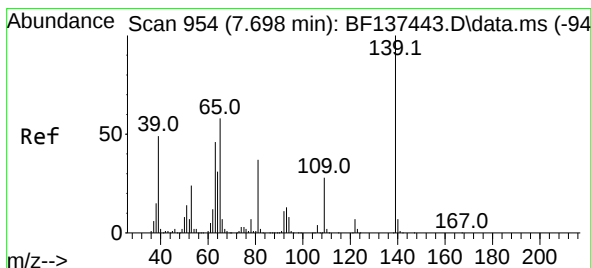
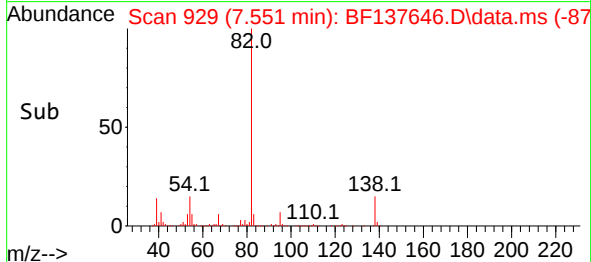
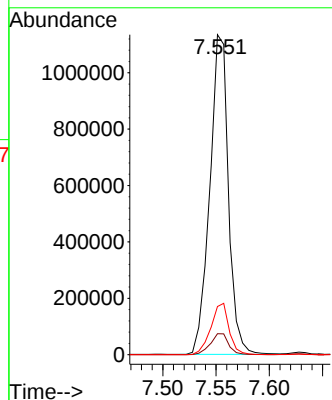
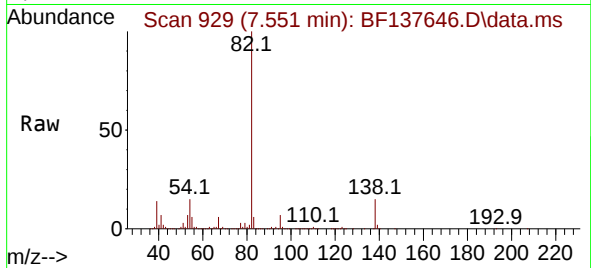




#25
Isophorone
Concen: 43.399 ng
RT: 7.551 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF137646.D
Acq: 19 Mar 2024 14:10

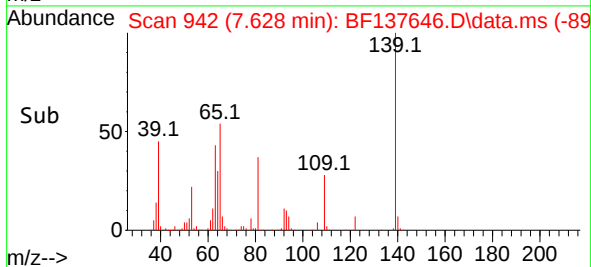
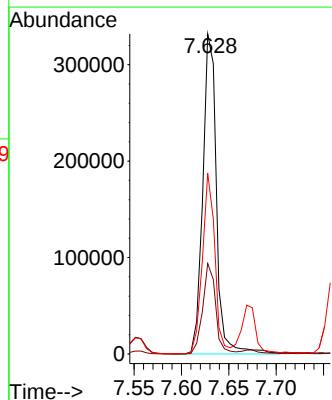
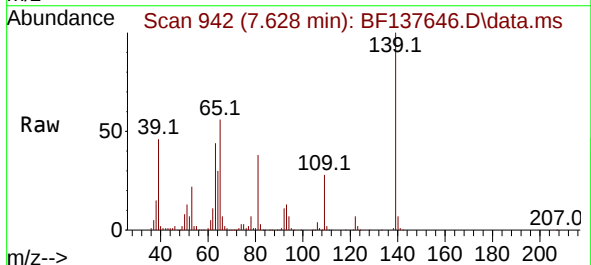
Instrument :
BNA_F
ClientSampleId :
PB159655BS

Tgt Ion: 82 Resp: 1380042
Ion Ratio Lower Upper
82 100
95 6.6 5.1 7.7
138 15.0 11.8 17.8



#26
2-Nitrophenol
Concen: 50.241 ng
RT: 7.628 min Scan# 942
Delta R.T. -0.000 min
Lab File: BF137646.D
Acq: 19 Mar 2024 14:10

Tgt Ion:139 Resp: 335382
Ion Ratio Lower Upper
139 100
109 28.2 22.2 33.4
65 56.5 46.2 69.2

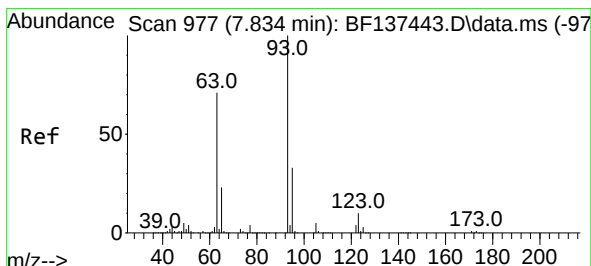
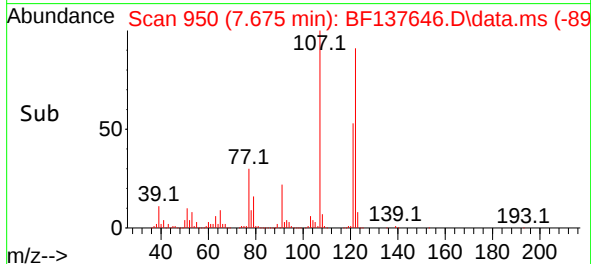
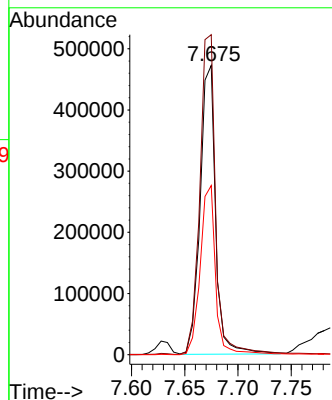
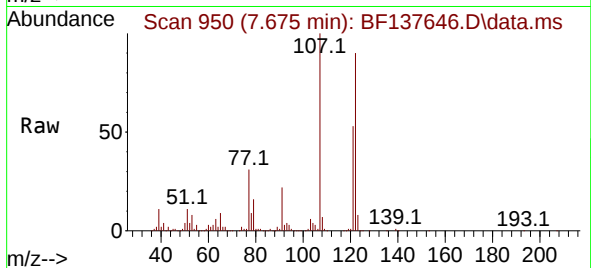




#27
2,4-Dimethylphenol
Concen: 38.482 ng
RT: 7.675 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF137646.D
Acq: 19 Mar 2024 14:10

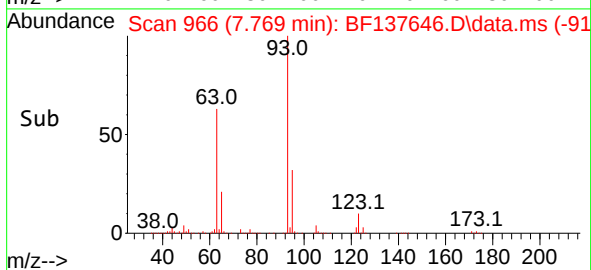
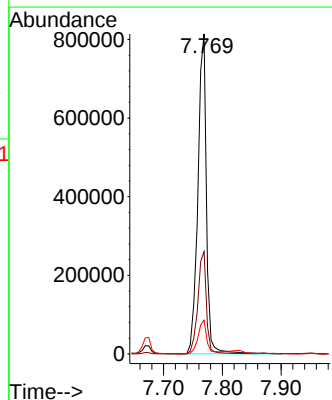
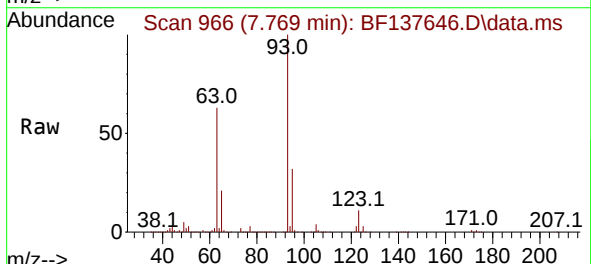
Instrument :
BNA_F
ClientSampleId :
PB159655BS

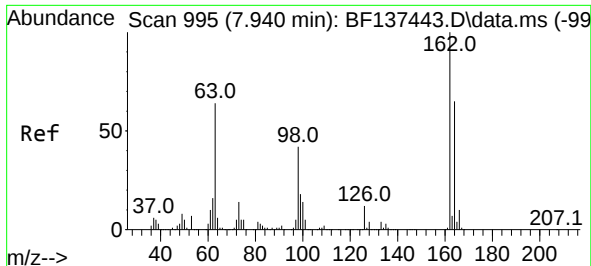
Tgt Ion:122 Resp: 479999
Ion Ratio Lower Upper
122 100
107 110.6 90.9 136.3
121 58.5 47.0 70.6



#28
bis(2-Chloroethoxy)methane
Concen: 44.122 ng
RT: 7.769 min Scan# 966
Delta R.T. 0.006 min
Lab File: BF137646.D
Acq: 19 Mar 2024 14:10

Tgt Ion: 93 Resp: 823202
Ion Ratio Lower Upper
93 100
95 32.0 26.5 39.7
123 10.5 8.0 12.0

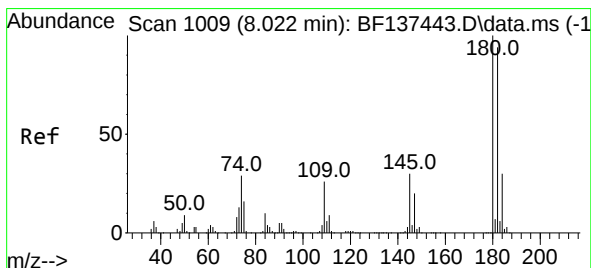
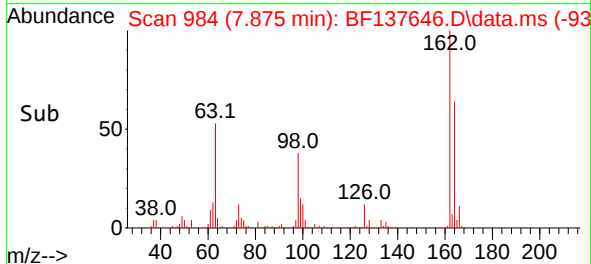
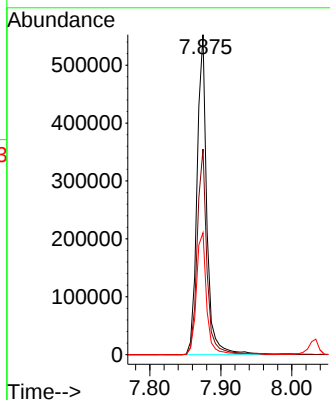
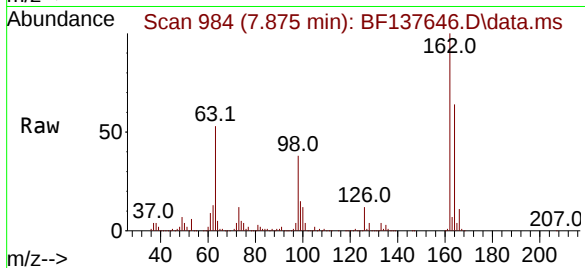




#29
2,4-Dichlorophenol
Concen: 46.406 ng
RT: 7.875 min Scan# 995
Delta R.T. 0.006 min
Lab File: BF137646.D
Acq: 19 Mar 2024 14:10

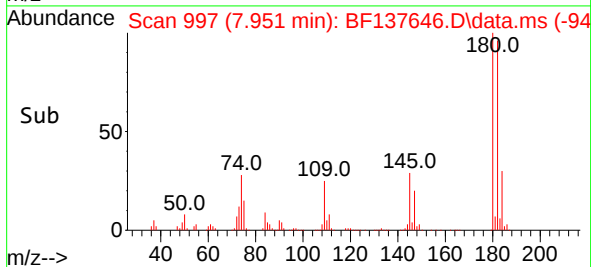
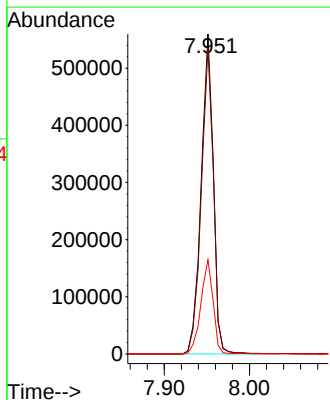
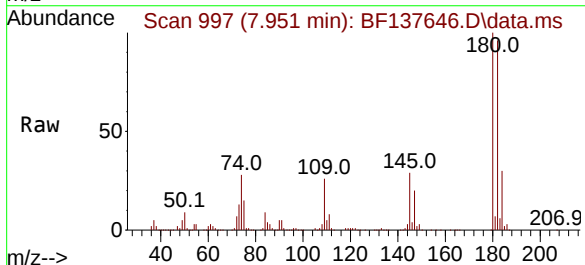
Instrument :
BNA_F
ClientSampleId :
PB159655BS

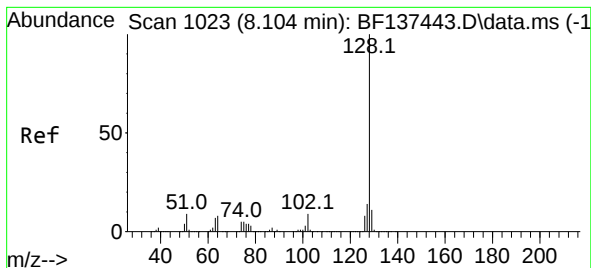
Tgt Ion:162 Resp: 531241
Ion Ratio Lower Upper
162 100
164 64.2 44.7 84.7
98 38.1 22.0 62.0



#30
1,2,4-Trichlorobenzene
Concen: 46.296 ng
RT: 7.951 min Scan# 997
Delta R.T. 0.000 min
Lab File: BF137646.D
Acq: 19 Mar 2024 14:10

Tgt Ion:180 Resp: 557719
Ion Ratio Lower Upper
180 100
182 95.5 75.0 112.6
145 29.4 23.7 35.5





#31

Naphthalene

Concen: 42.827 ng

RT: 8.034 min Scan# 10

Delta R.T. -0.000 min

Lab File: BF137646.D

Acq: 19 Mar 2024 14:10

Instrument :

BNA_F

ClientSampleId :

PB159655BS

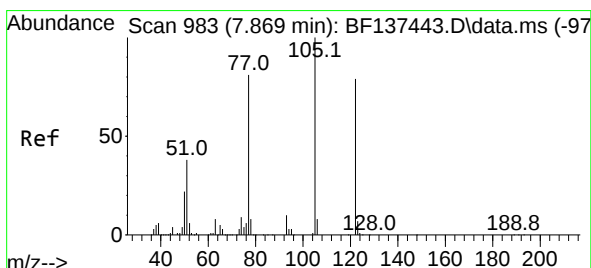
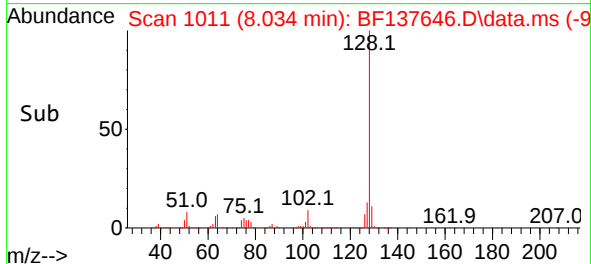
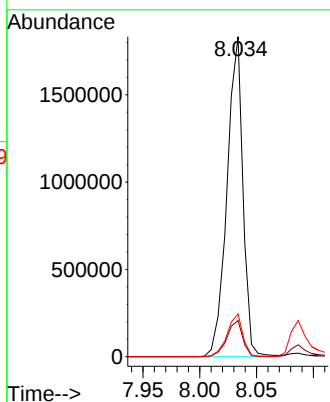
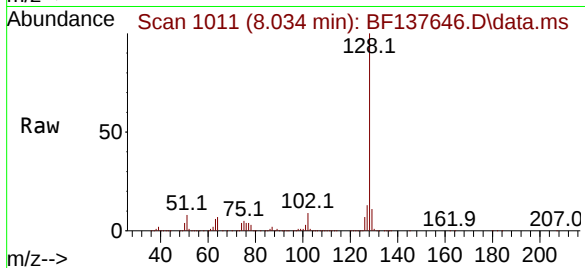
Tgt Ion:128 Resp: 1787062

Ion Ratio Lower Upper

128 100

129 11.3 9.2 13.8

127 13.4 10.8 16.2



#32

Benzoic acid

Concen: 46.326 ng

RT: 7.828 min Scan# 976

Delta R.T. 0.029 min

Lab File: BF137646.D

Acq: 19 Mar 2024 14:10

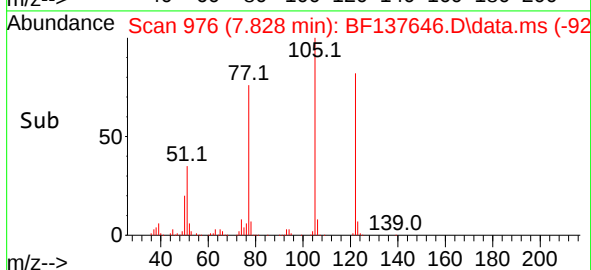
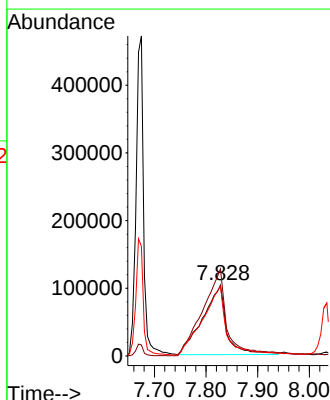
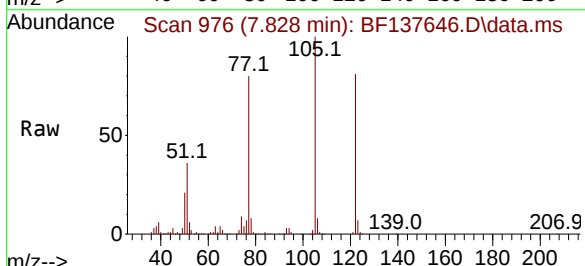
Tgt Ion:122 Resp: 330945

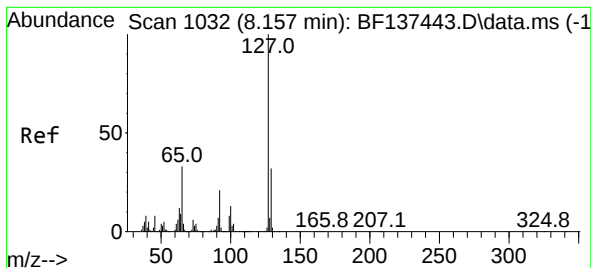
Ion Ratio Lower Upper

122 100

105 122.9 102.4 142.4

77 98.5 81.1 121.1





#33

4-Chloroaniline

Concen: 15.655 ng

RT: 8.087 min Scan# 1030

Delta R.T. 0.000 min

Lab File: BF137646.D

Acq: 19 Mar 2024 14:10

Instrument :

BNA_F

ClientSampleId :

PB159655BS

Tgt Ion:127 Resp: 256150

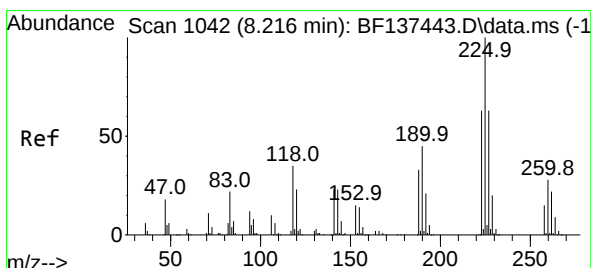
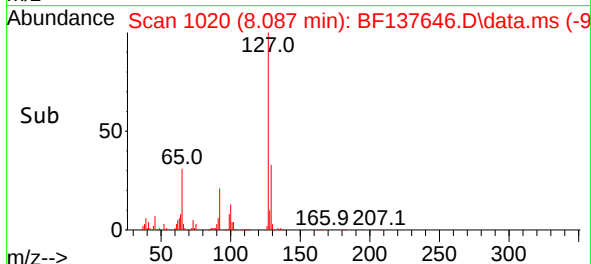
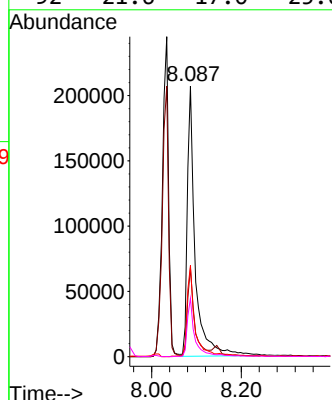
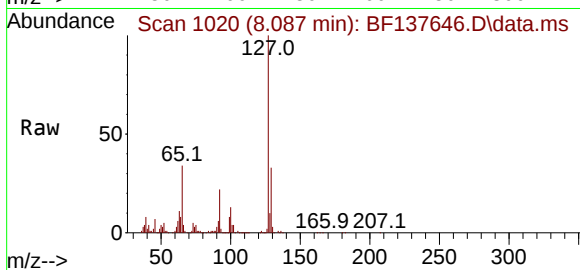
Ion Ratio Lower Upper

127 100

129 32.9 26.0 39.0

65 33.7 26.8 40.2

92 21.6 17.0 25.6



#34

Hexachlorobutadiene

Concen: 45.990 ng

RT: 8.145 min Scan# 1030

Delta R.T. 0.000 min

Lab File: BF137646.D

Acq: 19 Mar 2024 14:10

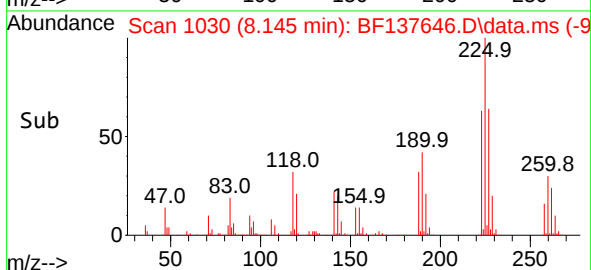
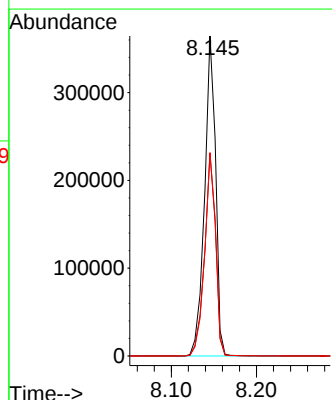
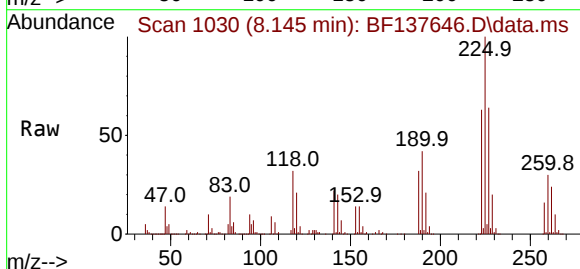
Tgt Ion:225 Resp: 327088

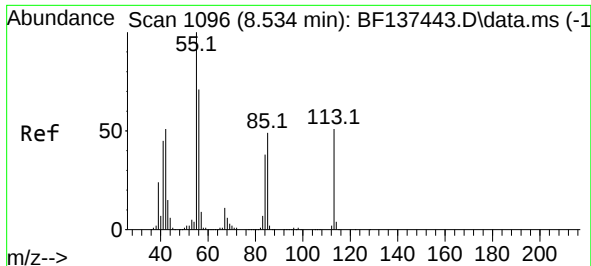
Ion Ratio Lower Upper

225 100

223 63.5 50.7 76.1

227 63.6 50.6 75.8

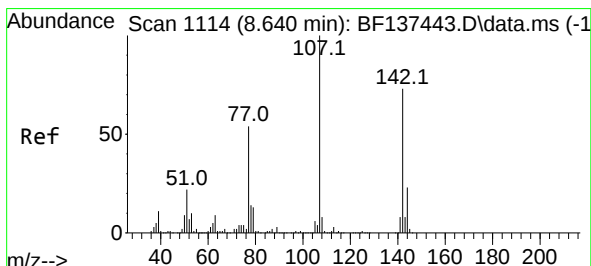
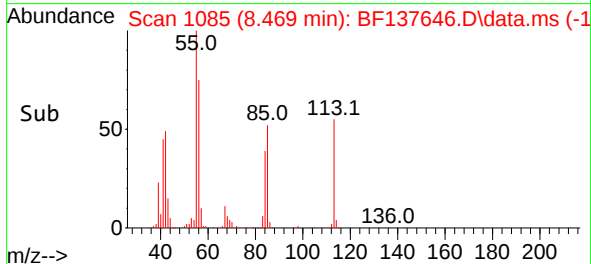
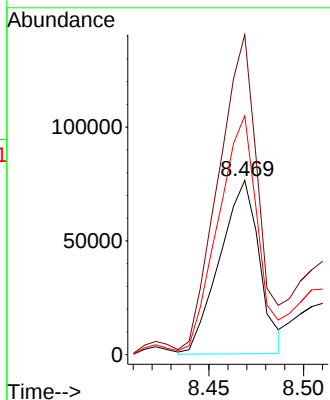
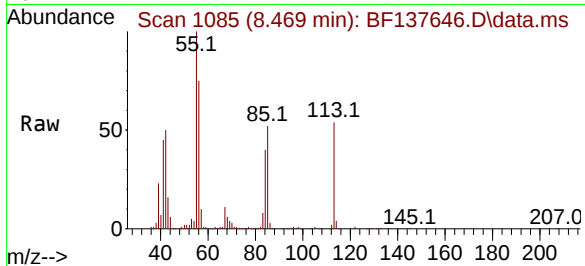




#35
 Caprolactam
 Concen: 28.624 ng
 RT: 8.469 min Scan# 1103
 Delta R.T. 0.012 min
 Lab File: BF137646.D
 Acq: 19 Mar 2024 14:10

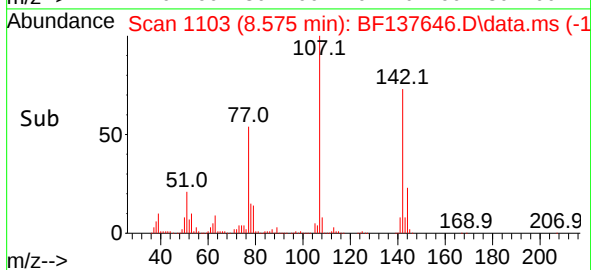
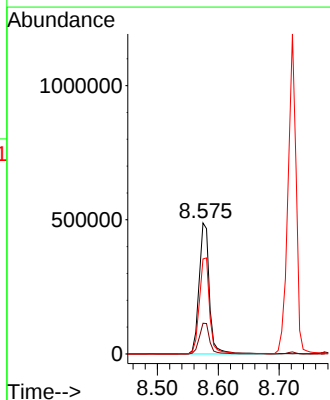
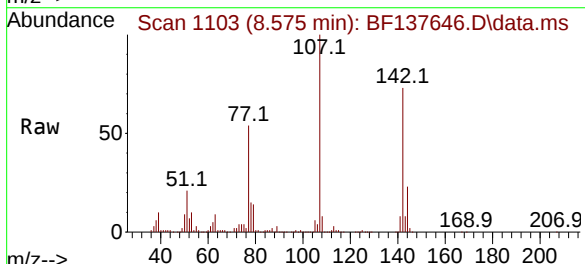
Instrument :
 BNA_F
 ClientSampleId :
 PB159655BS

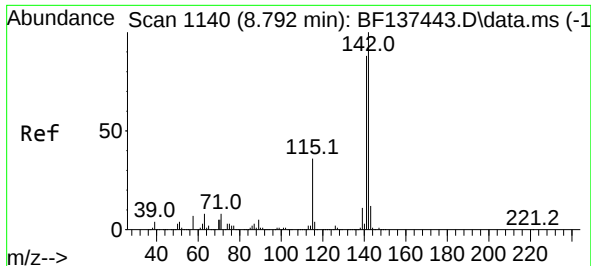
Tgt Ion:113 Resp: 111111
 Ion Ratio Lower Upper
 113 100
 55 183.7 176.7 216.7
 56 137.2 120.6 160.6



#36
 4-Chloro-3-methylphenol
 Concen: 44.840 ng
 RT: 8.575 min Scan# 1103
 Delta R.T. 0.006 min
 Lab File: BF137646.D
 Acq: 19 Mar 2024 14:10

Tgt Ion:107 Resp: 573776
 Ion Ratio Lower Upper
 107 100
 144 23.4 18.7 28.1
 142 72.6 58.2 87.2

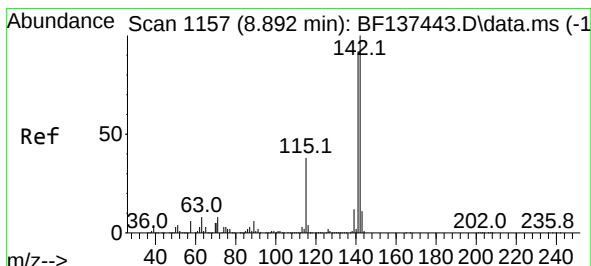
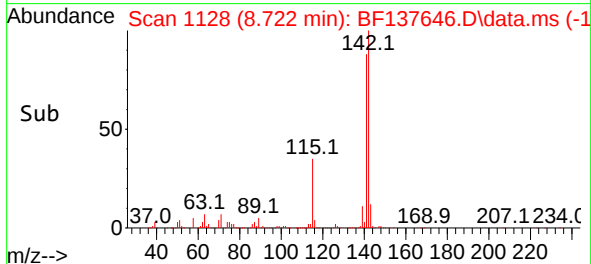
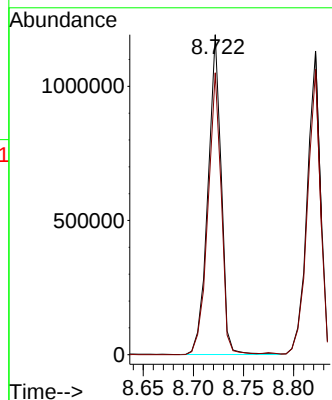
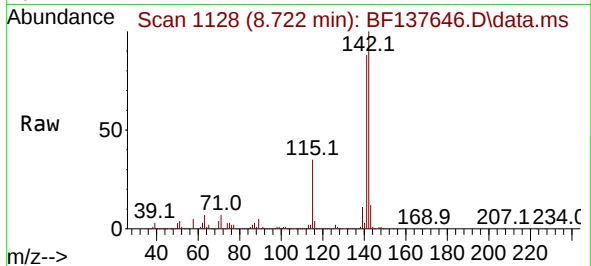




#37
2-Methylnaphthalene
Concen: 41.491 ng
RT: 8.722 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF137646.D
Acq: 19 Mar 2024 14:10

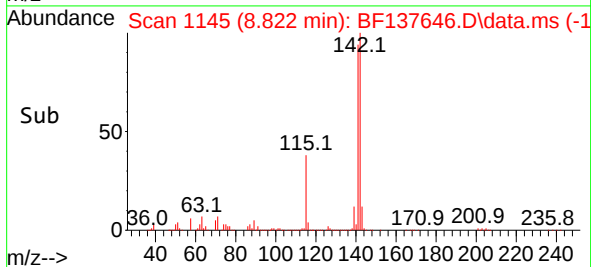
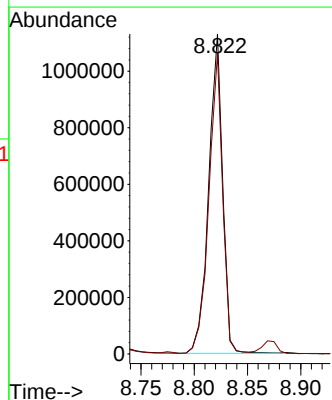
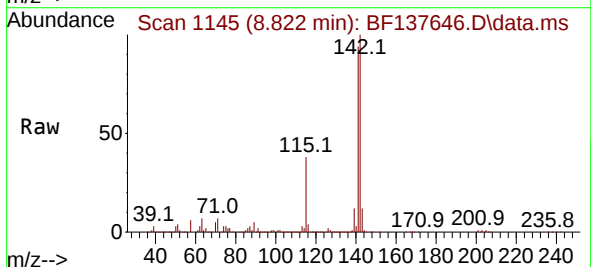
Instrument :
BNA_F
ClientSampleId :
PB159655BS

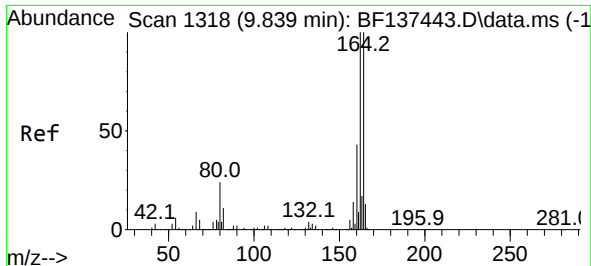
Tgt Ion:142 Resp: 1103694
Ion Ratio Lower Upper
142 100
141 88.1 70.4 105.6



#38
1-Methylnaphthalene
Concen: 41.287 ng
RT: 8.822 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BF137646.D
Acq: 19 Mar 2024 14:10

Tgt Ion:142 Resp: 1034278
Ion Ratio Lower Upper
142 100
141 93.9 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.763 min Scan# 1156

Delta R.T. -0.000 min

Lab File: BF137646.D

Acq: 19 Mar 2024 14:10

Instrument :

BNA_F

ClientSampleId :

PB159655BS

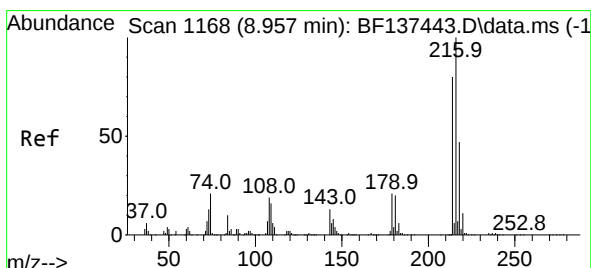
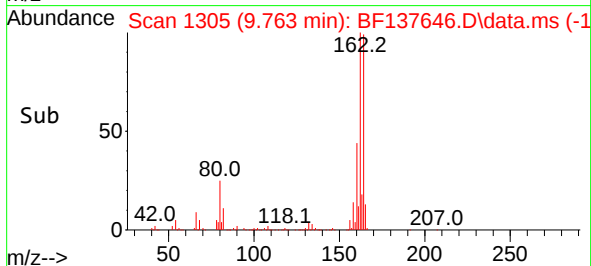
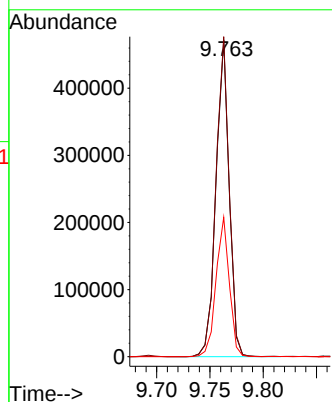
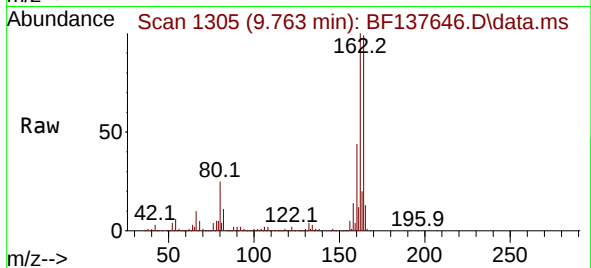
Tgt Ion:164 Resp: 407622

Ion Ratio Lower Upper

164 100

162 101.0 79.8 119.8

160 44.0 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.876 ng

RT: 8.887 min Scan# 1156

Delta R.T. 0.000 min

Lab File: BF137646.D

Acq: 19 Mar 2024 14:10

Tgt Ion:216 Resp: 556196

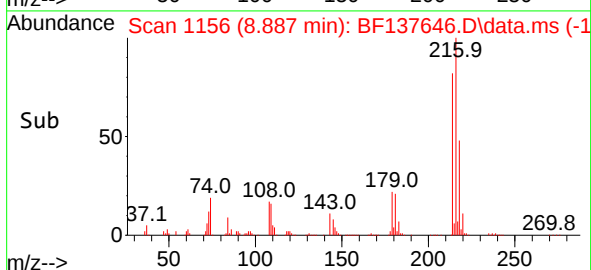
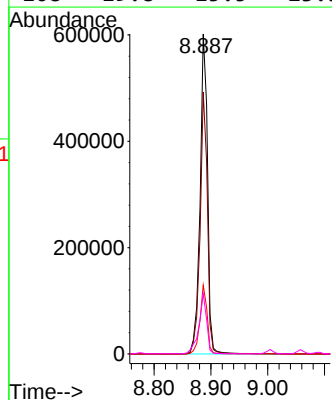
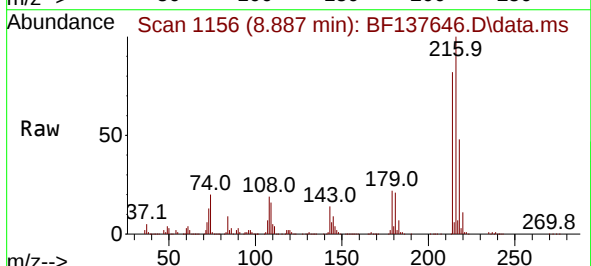
Ion Ratio Lower Upper

216 100

214 79.3 63.5 95.3

179 20.7 16.6 25.0

108 19.8 15.5 23.3

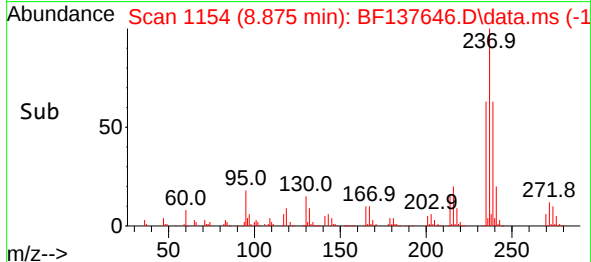
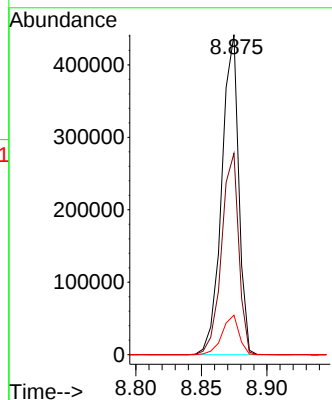
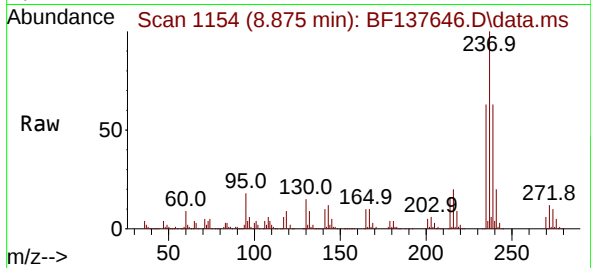




#41
Hexachlorocyclopentadiene
Concen: 84.981 ng
RT: 8.875 min Scan# 1166
Delta R.T. 0.006 min
Lab File: BF137646.D
Acq: 19 Mar 2024 14:10

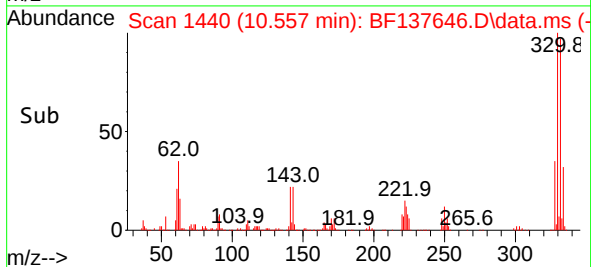
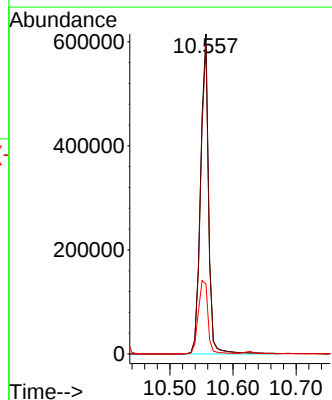
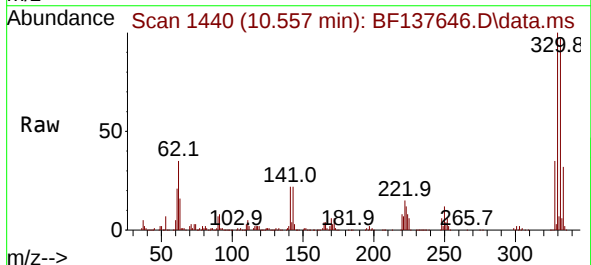
Instrument :
BNA_F
ClientSampleId :
PB159655BS

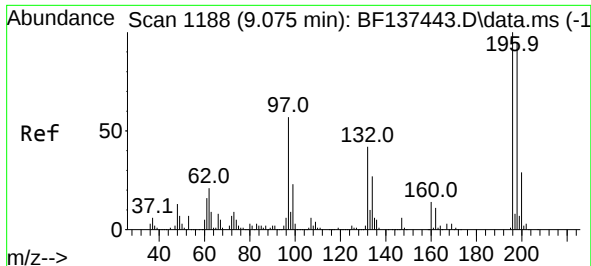
Tgt Ion:237 Resp: 397312
Ion Ratio Lower Upper
237 100
235 62.9 43.6 83.6
272 12.4 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 151.376 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF137646.D
Acq: 19 Mar 2024 14:10

Tgt Ion:330 Resp: 541871
Ion Ratio Lower Upper
330 100
332 96.4 78.0 117.0
141 27.5 27.3 40.9

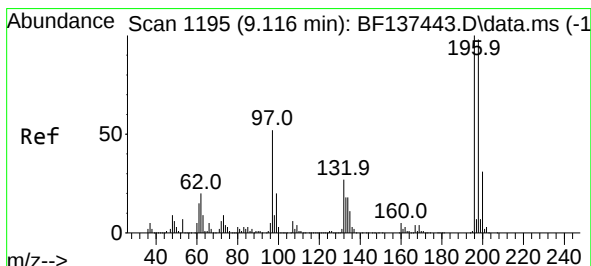
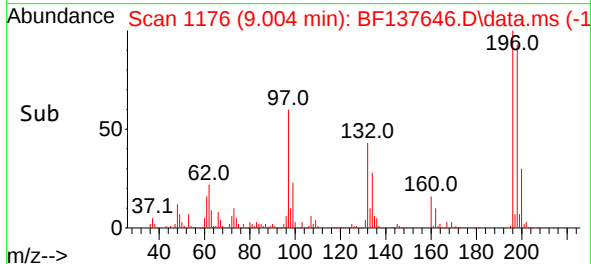
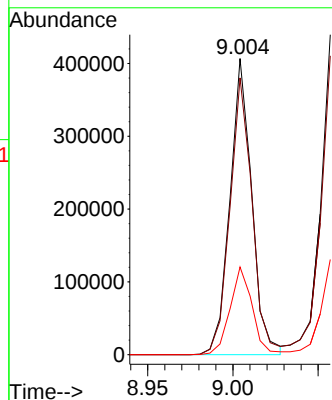
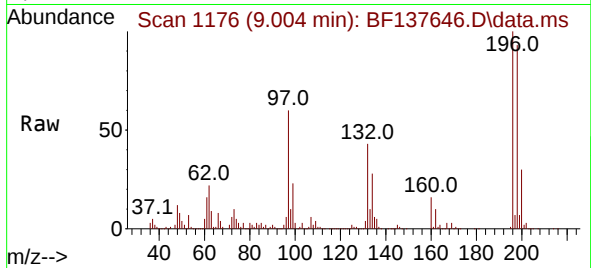




#43
2,4,6-Trichlorophenol
Concen: 48.953 ng
RT: 9.004 min Scan# 1185
Delta R.T. 0.006 min
Lab File: BF137646.D
Acq: 19 Mar 2024 14:10

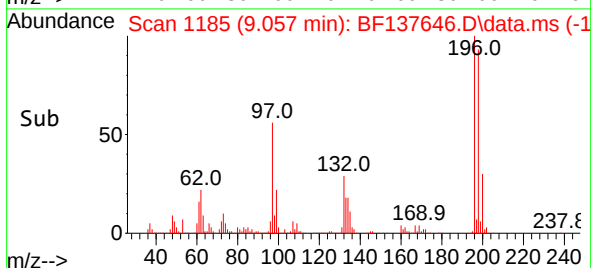
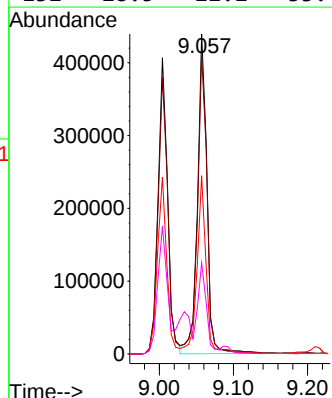
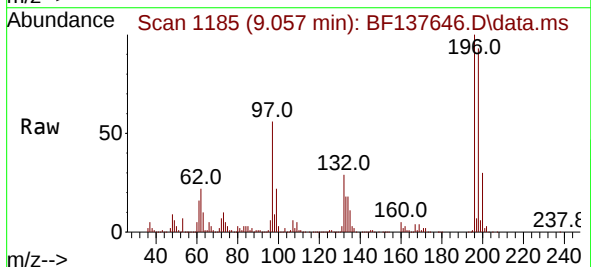
Instrument :
BNA_F
ClientSampleId :
PB159655BS

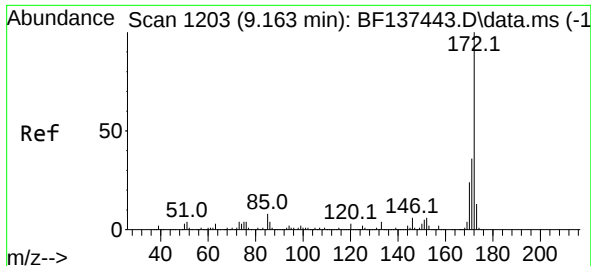
Tgt Ion:196 Resp: 362767
Ion Ratio Lower Upper
196 100
198 93.5 75.8 113.8
200 29.6 23.5 35.3



#44
2,4,5-Trichlorophenol
Concen: 45.632 ng
RT: 9.057 min Scan# 1185
Delta R.T. 0.018 min
Lab File: BF137646.D
Acq: 19 Mar 2024 14:10

Tgt Ion:196 Resp: 389545
Ion Ratio Lower Upper
196 100
198 93.4 78.6 117.8
97 55.7 41.8 62.8
132 28.5 22.2 33.4

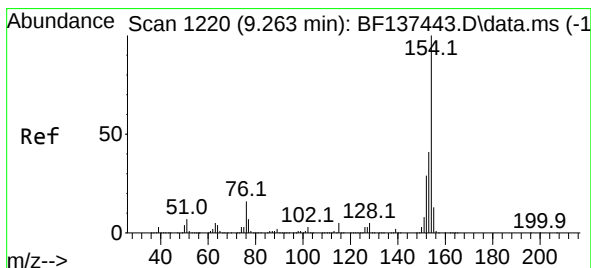
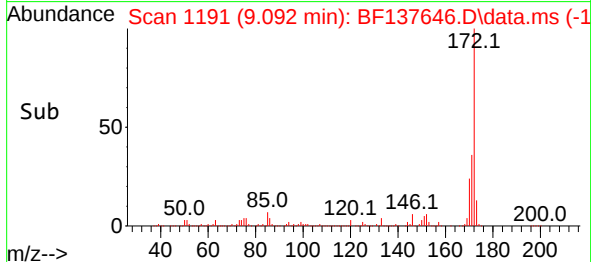
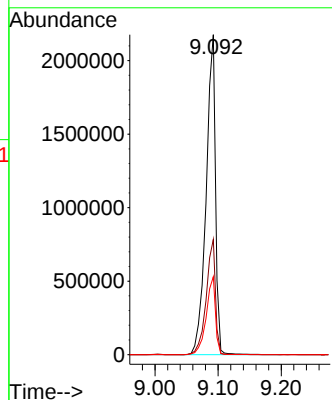
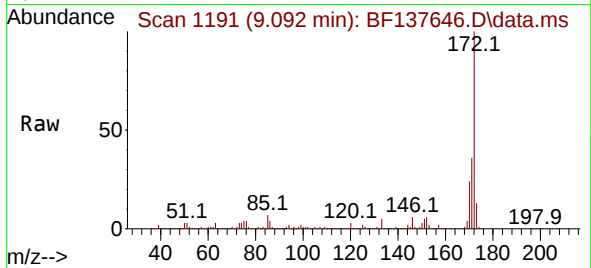




#45
2-Fluorobiphenyl
Concen: 86.363 ng
RT: 9.092 min Scan# 1191
Delta R.T. 0.006 min
Lab File: BF137646.D
Acq: 19 Mar 2024 14:10

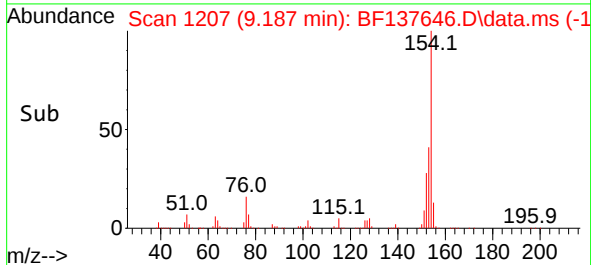
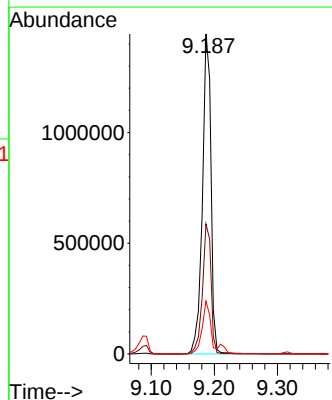
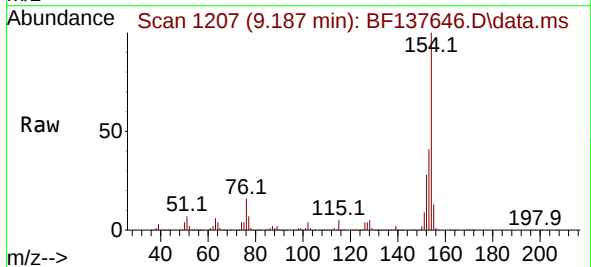
Instrument :
BNA_F
ClientSampleId :
PB159655BS

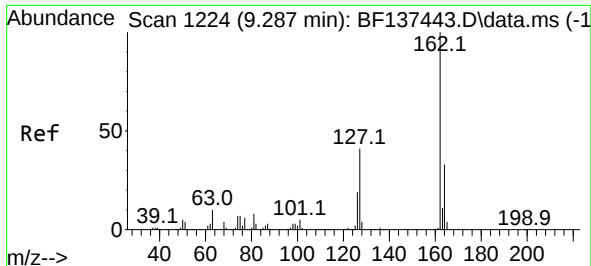
Tgt Ion:172 Resp: 2248911
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 24.4 19.0 28.6



#46
1,1'-Biphenyl
Concen: 45.632 ng
RT: 9.187 min Scan# 1207
Delta R.T. -0.000 min
Lab File: BF137646.D
Acq: 19 Mar 2024 14:10

Tgt Ion:154 Resp: 1361404
Ion Ratio Lower Upper
154 100
153 40.6 21.0 61.0
76 16.5 0.0 35.8

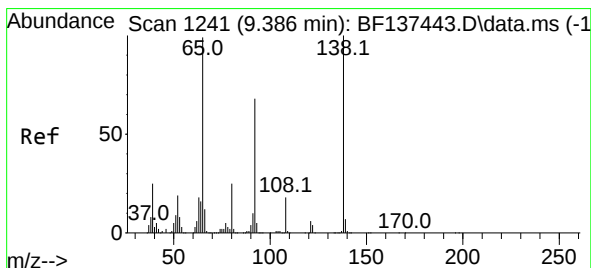
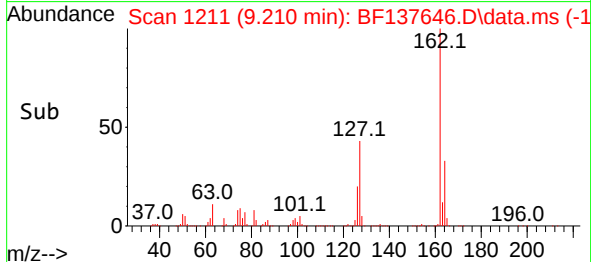
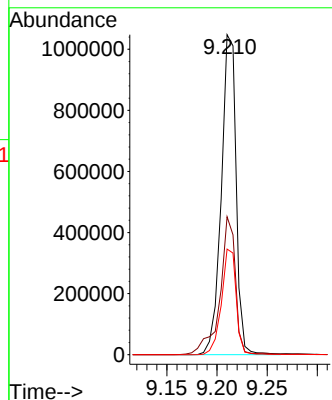
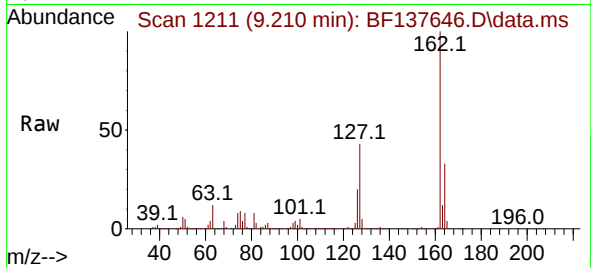




#47
2-Chloronaphthalene
Concen: 47.466 ng
RT: 9.210 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137646.D
Acq: 19 Mar 2024 14:10

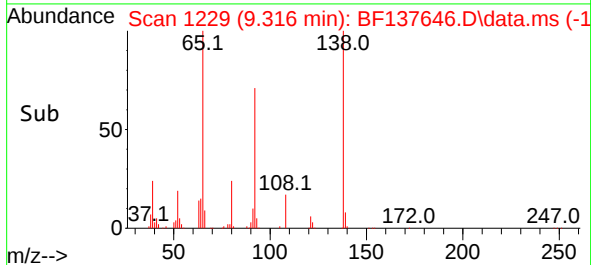
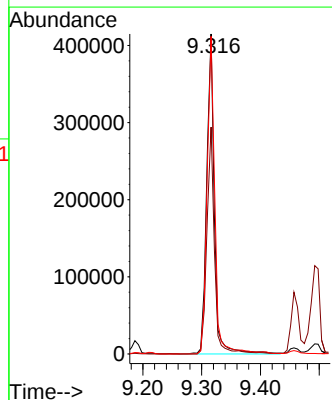
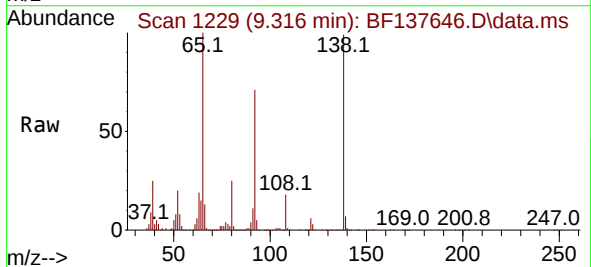
Instrument :
BNA_F
ClientSampleId :
PB159655BS

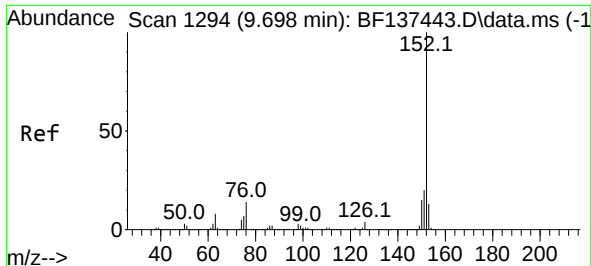
Tgt Ion:162 Resp: 1079681
Ion Ratio Lower Upper
162 100
127 43.1 32.6 49.0
164 33.0 26.5 39.7



#48
2-Nitroaniline
Concen: 48.910 ng
RT: 9.316 min Scan# 1229
Delta R.T. 0.006 min
Lab File: BF137646.D
Acq: 19 Mar 2024 14:10

Tgt Ion: 65 Resp: 378138
Ion Ratio Lower Upper
65 100
92 70.9 55.4 83.2
138 99.2 81.0 121.6





#49

Acenaphthylene

Concen: 46.239 ng

RT: 9.628 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137646.D

Acq: 19 Mar 2024 14:10

Instrument :

BNA_F

ClientSampleId :

PB159655BS

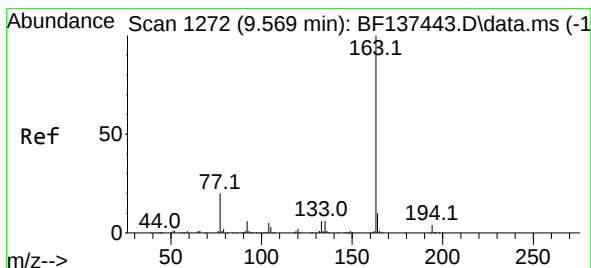
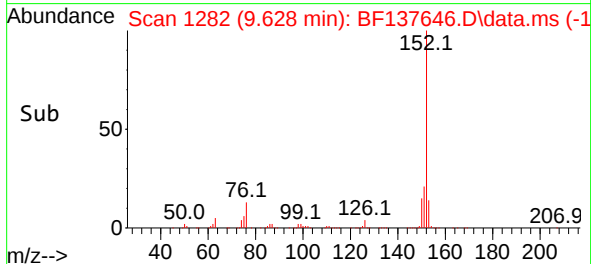
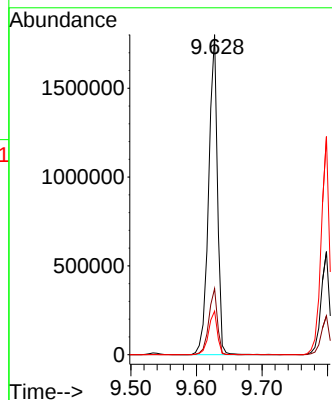
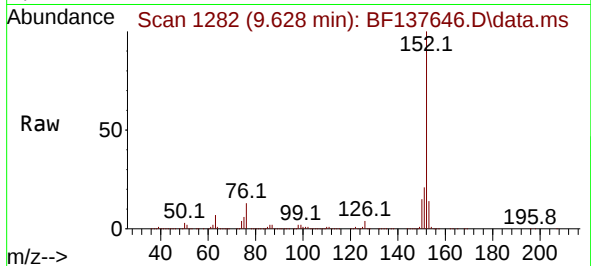
Tgt Ion:152 Resp: 1683174

Ion Ratio Lower Upper

152 100

151 20.7 16.2 24.4

153 13.6 10.8 16.2



#50

Dimethylphthalate

Concen: 45.930 ng

RT: 9.498 min Scan# 1260

Delta R.T. 0.006 min

Lab File: BF137646.D

Acq: 19 Mar 2024 14:10

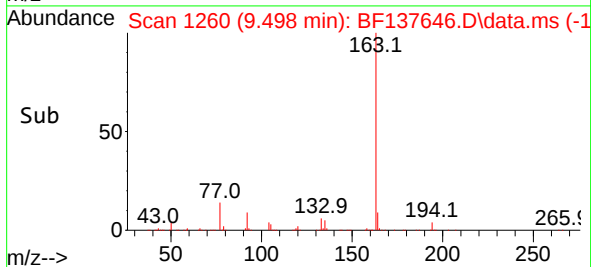
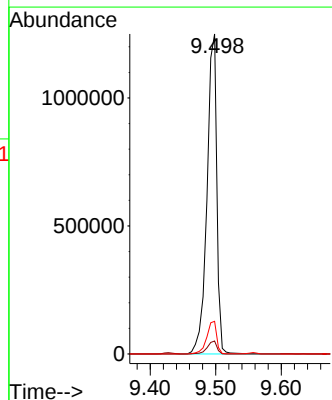
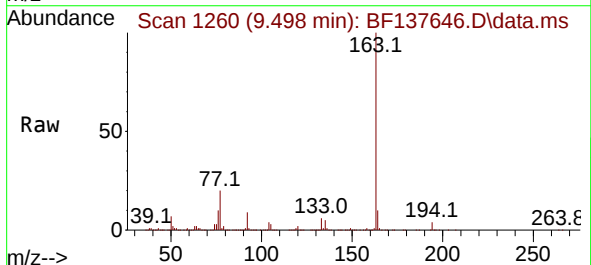
Tgt Ion:163 Resp: 1303262

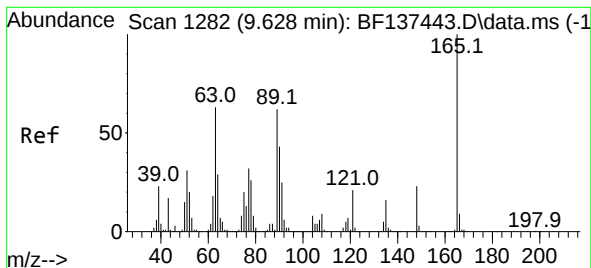
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.2 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 48.938 ng

RT: 9.557 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF137646.D

Acq: 19 Mar 2024 14:10

Instrument :

BNA_F

ClientSampleId :

PB159655BS

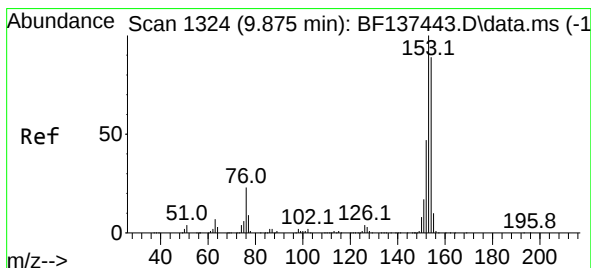
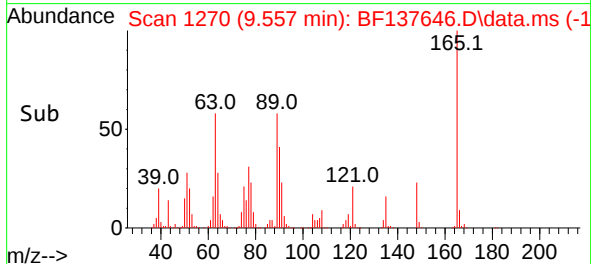
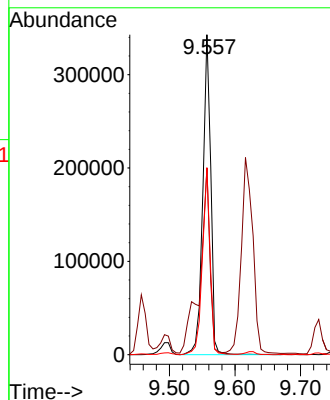
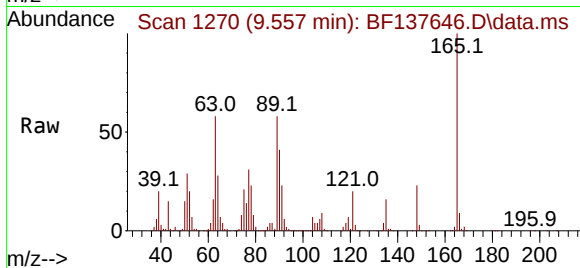
Tgt Ion:165 Resp: 290443

Ion Ratio Lower Upper

165 100

63 58.4 50.7 76.1

89 58.4 50.0 75.0



#52

Acenaphthene

Concen: 43.833 ng

RT: 9.798 min Scan# 1311

Delta R.T. 0.006 min

Lab File: BF137646.D

Acq: 19 Mar 2024 14:10

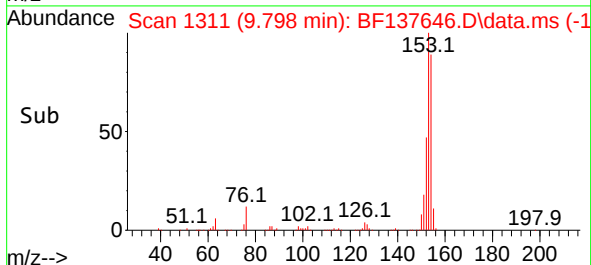
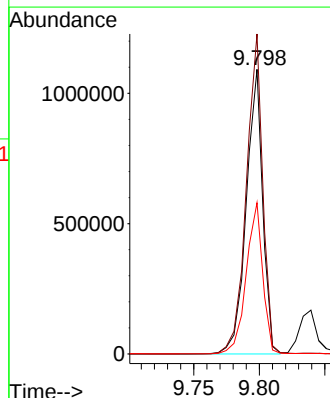
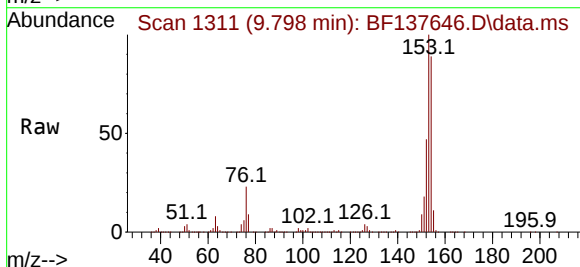
Tgt Ion:154 Resp: 952585

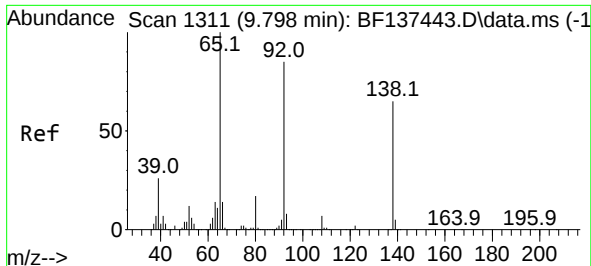
Ion Ratio Lower Upper

154 100

153 112.4 90.3 135.5

152 53.1 42.7 64.1

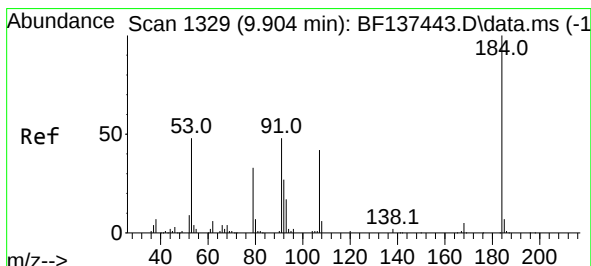
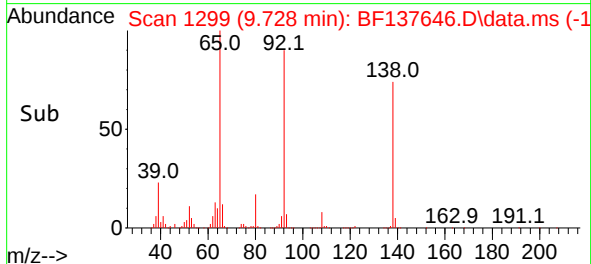
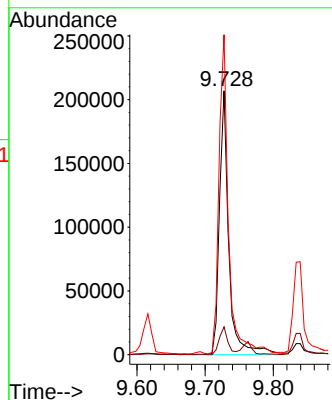
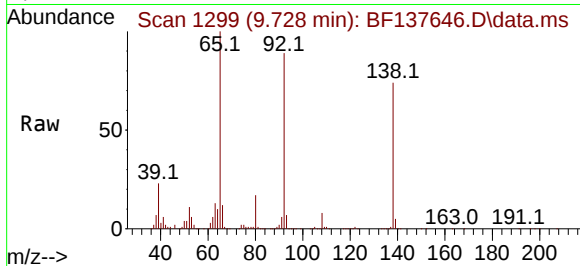




#53
3-Nitroaniline
Concen: 31.548 ng
RT: 9.728 min Scan# 1311
Delta R.T. 0.006 min
Lab File: BF137646.D
Acq: 19 Mar 2024 14:10

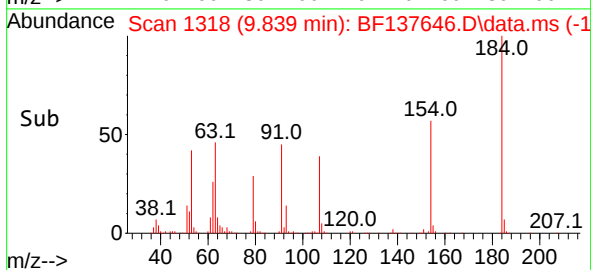
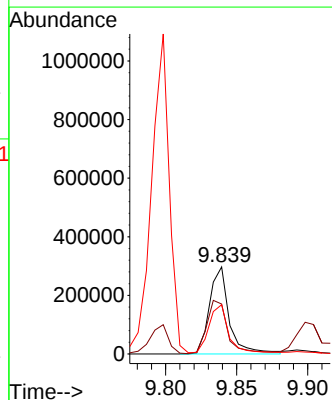
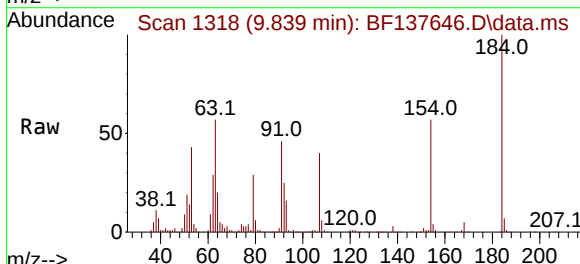
Instrument :
BNA_F
ClientSampleId :
PB159655BS

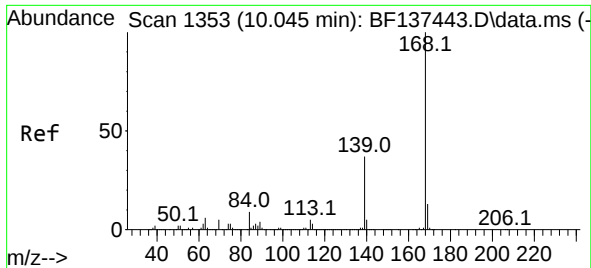
Tgt Ion:138 Resp: 198047
Ion Ratio Lower Upper
138 100
108 10.5 9.1 13.7
92 121.3 104.6 157.0



#54
2,4-Dinitrophenol
Concen: 97.603 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.012 min
Lab File: BF137646.D
Acq: 19 Mar 2024 14:10

Tgt Ion:184 Resp: 288376
Ion Ratio Lower Upper
184 100
63 57.3 53.3 79.9
154 56.6 47.4 71.0

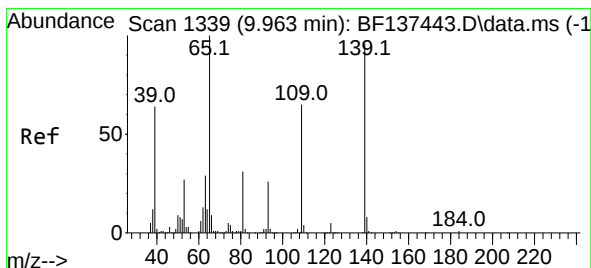
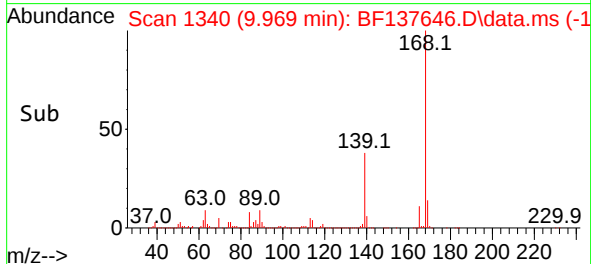
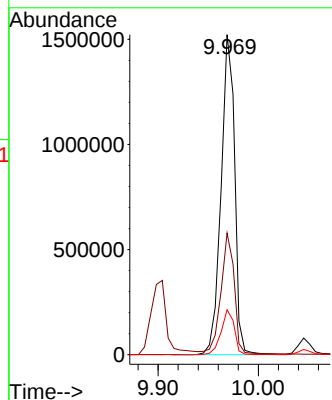
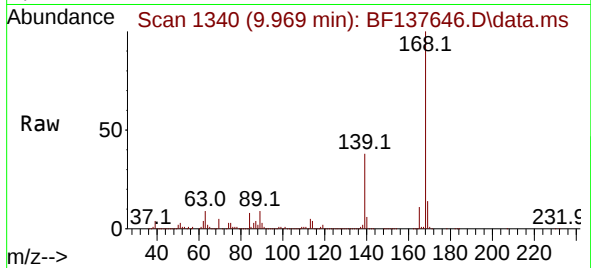




#55
Dibenzenofuran
Concen: 43.128 ng
RT: 9.969 min Scan# 1353
Delta R.T. 0.000 min
Lab File: BF137646.D
Acq: 19 Mar 2024 14:10

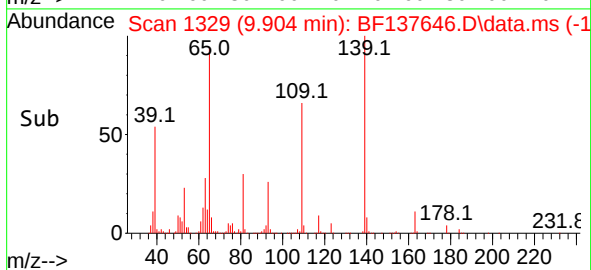
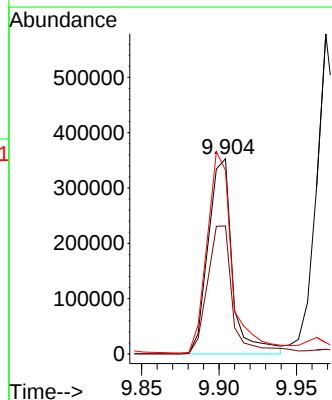
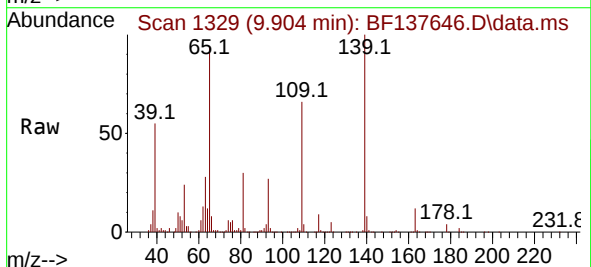
Instrument :
BNA_F
ClientSampleId :
PB159655BS

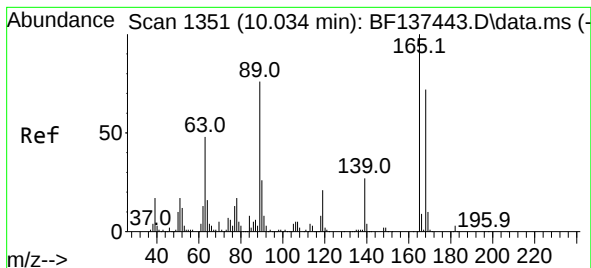
Tgt Ion:168 Resp: 1427537
Ion Ratio Lower Upper
168 100
139 38.0 29.8 44.6
169 14.1 10.8 16.2



#56
4-Nitrophenol
Concen: 86.023 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.018 min
Lab File: BF137646.D
Acq: 19 Mar 2024 14:10

Tgt Ion:139 Resp: 385815
Ion Ratio Lower Upper
139 100
109 65.6 47.1 87.1
65 94.1 85.1 125.1

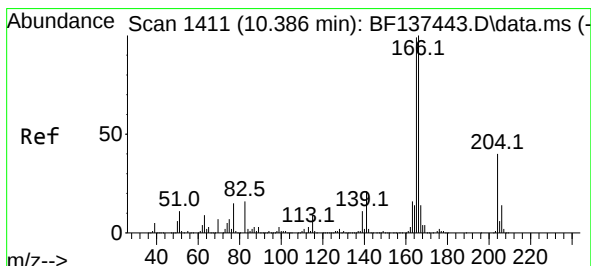
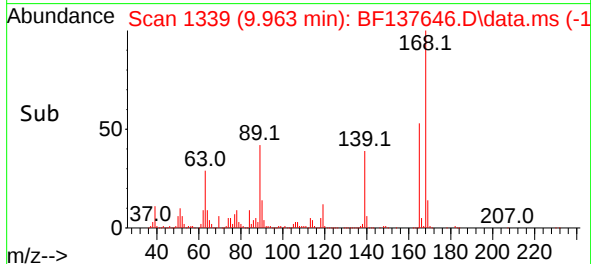
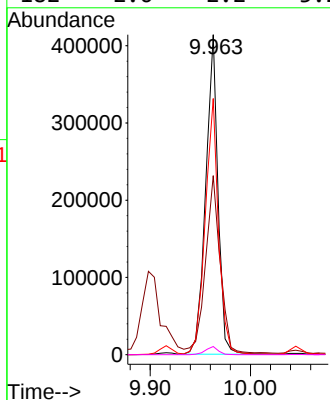
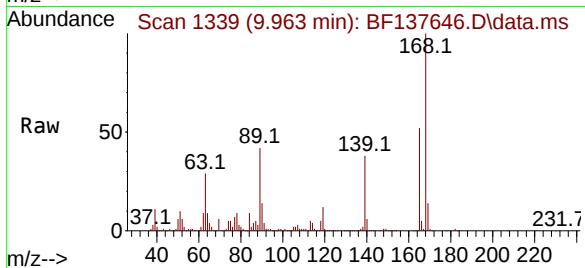




#57
2,4-Dinitrotoluene
Concen: 48.519 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF137646.D
Acq: 19 Mar 2024 14:10

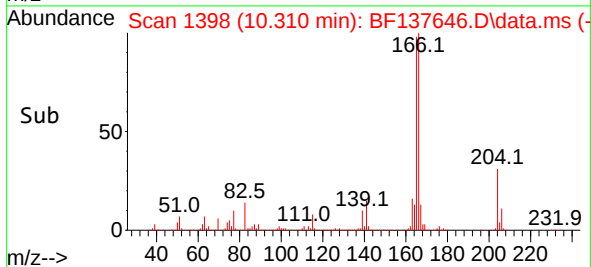
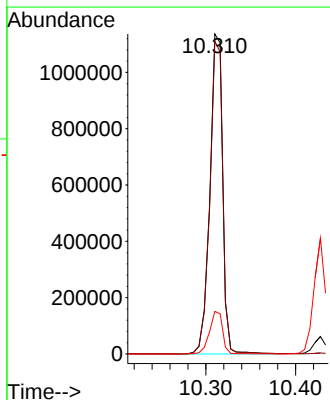
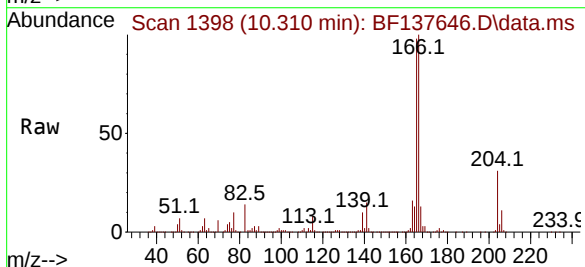
Instrument :
BNA_F
ClientSampleId :
PB159655BS

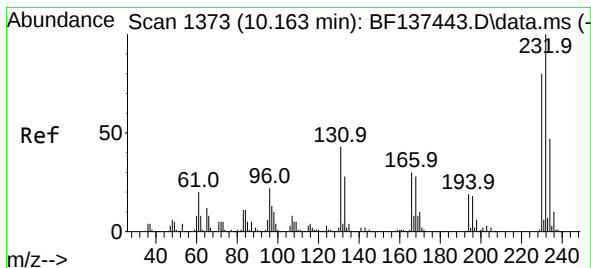
Tgt Ion:165 Resp: 353779
Ion Ratio Lower Upper
165 100
63 56.0 39.0 58.6
89 80.1 60.9 91.3
182 2.6 2.2 3.2



#58
Fluorene
Concen: 44.360 ng
RT: 10.310 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF137646.D
Acq: 19 Mar 2024 14:10

Tgt Ion:166 Resp: 1127630
Ion Ratio Lower Upper
166 100
165 97.7 79.2 118.8
167 13.3 11.0 16.6

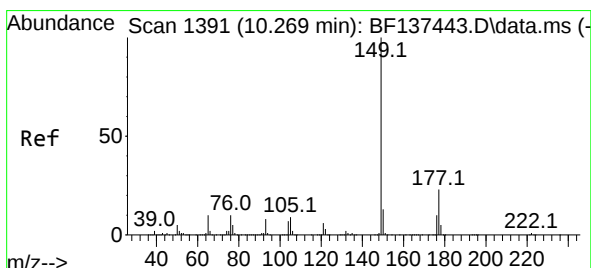
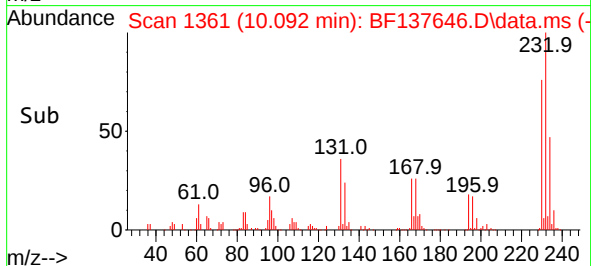
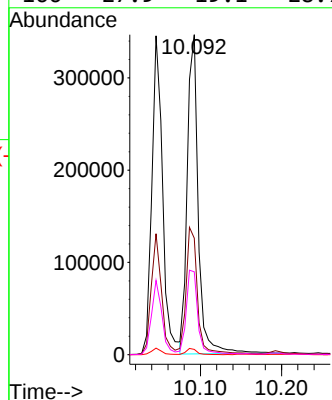
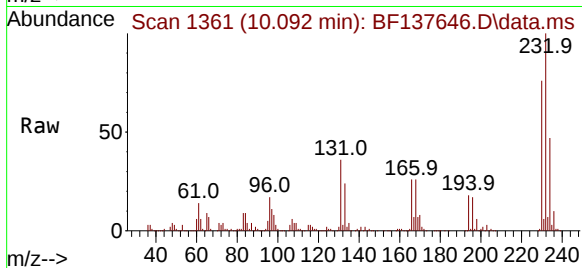




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.313 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.006 min
Lab File: BF137646.D
Acq: 19 Mar 2024 14:10

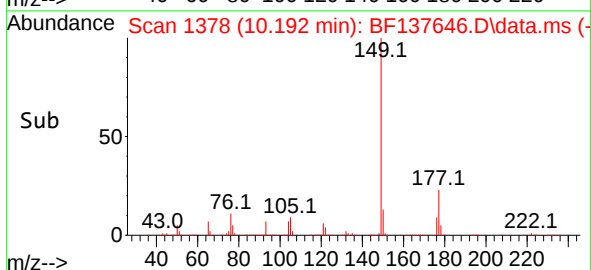
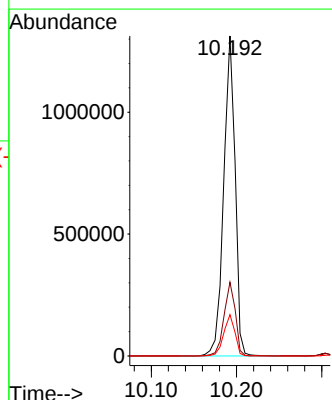
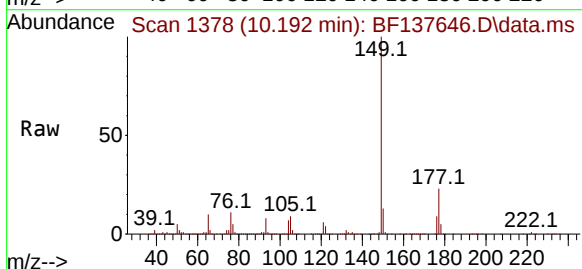
Instrument :
BNA_F
ClientSampleId :
PB159655BS

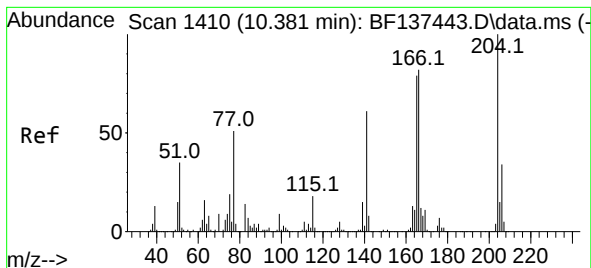
Tgt Ion:232 Resp: 323883
Ion Ratio Lower Upper
232 100
131 41.9 31.2 46.8
130 1.9 1.8 2.6
166 27.9 19.1 28.7



#60
Diethylphthalate
Concen: 45.611 ng
RT: 10.192 min Scan# 1378
Delta R.T. 0.006 min
Lab File: BF137646.D
Acq: 19 Mar 2024 14:10

Tgt Ion:149 Resp: 1222162
Ion Ratio Lower Upper
149 100
177 23.1 18.7 28.1
150 12.9 10.2 15.4

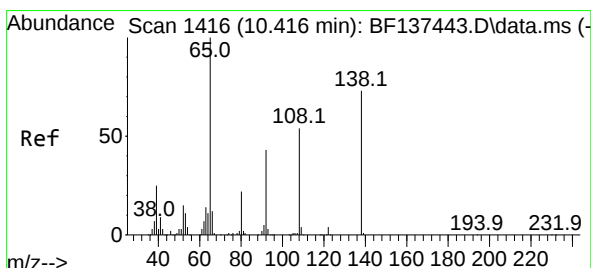
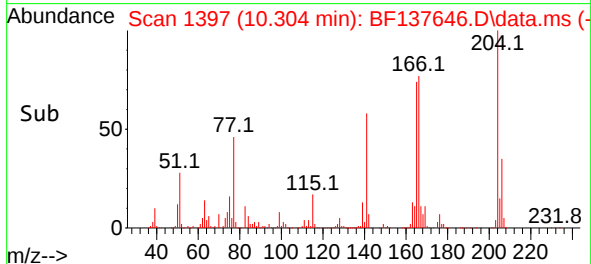
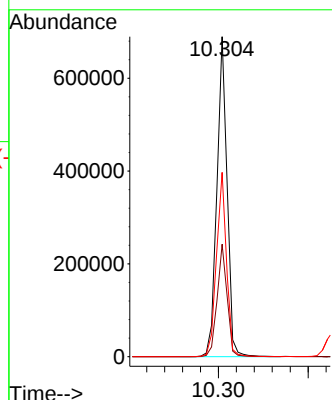
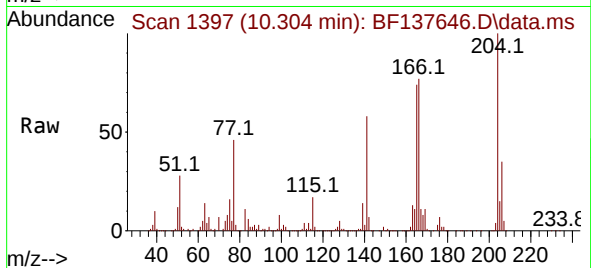




#61
4-Chlorophenyl-phenylether
Concen: 43.631 ng
RT: 10.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137646.D
Acq: 19 Mar 2024 14:10

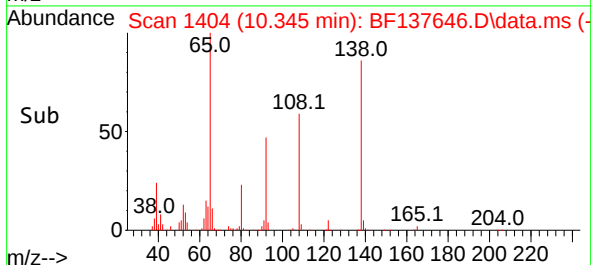
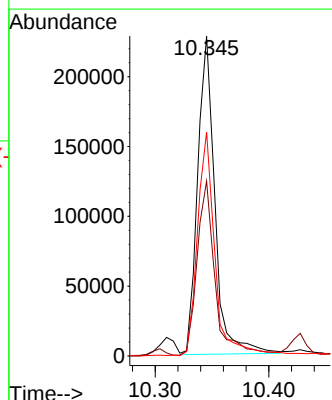
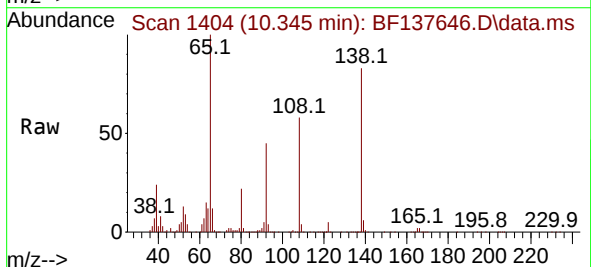
Instrument :
BNA_F
ClientSampleId :
PB159655BS

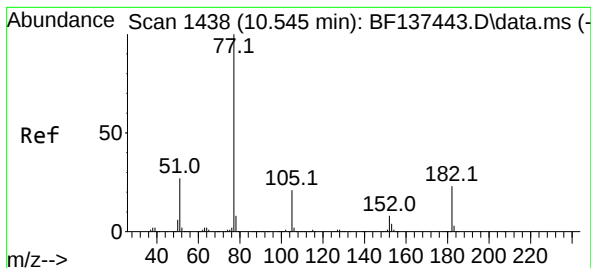
Tgt Ion:204 Resp: 543564
Ion Ratio Lower Upper
204 100
206 35.2 27.4 41.0
141 57.6 48.4 72.6



#62
4-Nitroaniline
Concen: 44.612 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.012 min
Lab File: BF137646.D
Acq: 19 Mar 2024 14:10

Tgt Ion:138 Resp: 240703
Ion Ratio Lower Upper
138 100
92 54.7 37.9 77.9
108 70.0 53.2 93.2





#63

Azobenzene

Concen: 42.707 ng

RT: 10.463 min Scan# 14

Delta R.T. 0.000 min

Lab File: BF137646.D

Acq: 19 Mar 2024 14:10

Instrument :

BNA_F

ClientSampleId :

PB159655BS

Tgt Ion: 77 Resp: 1317726

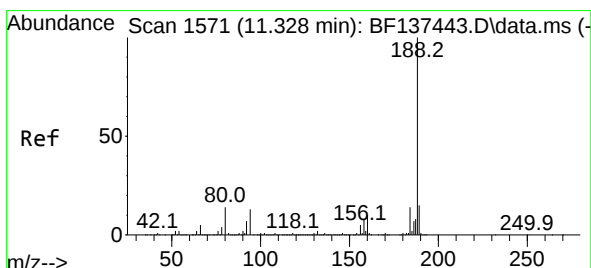
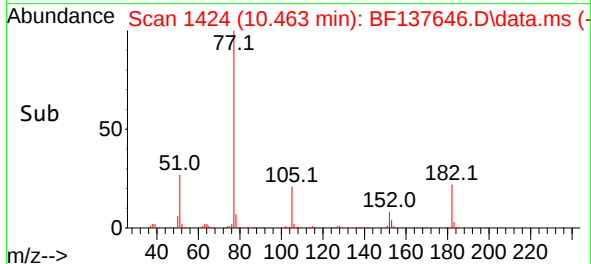
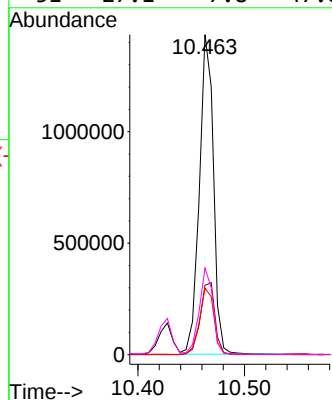
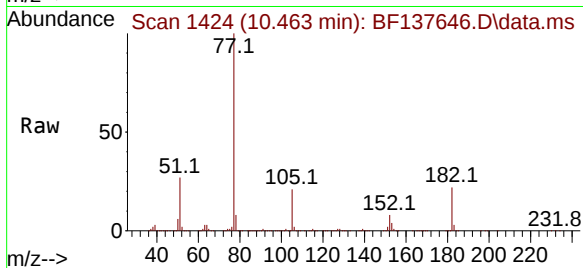
Ion Ratio Lower Upper

77 100

182 21.7 3.2 43.2

105 20.8 1.2 41.2

51 27.1 7.8 47.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.245 min Scan# 1557

Delta R.T. 0.006 min

Lab File: BF137646.D

Acq: 19 Mar 2024 14:10

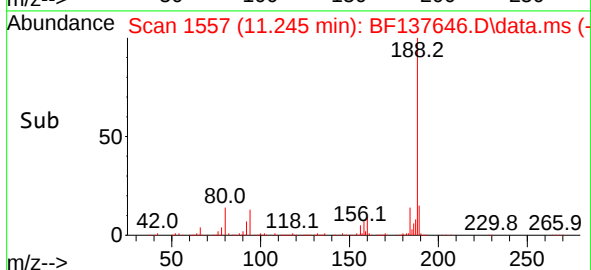
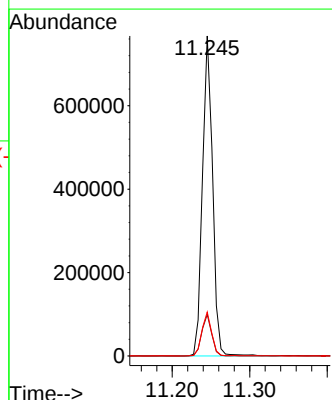
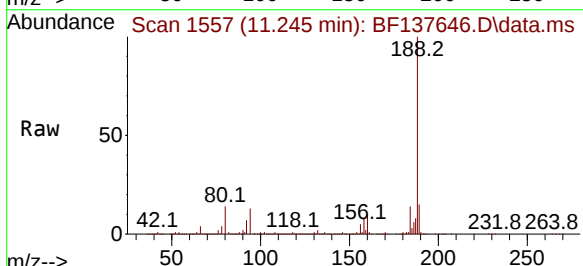
Tgt Ion: 188 Resp: 696905

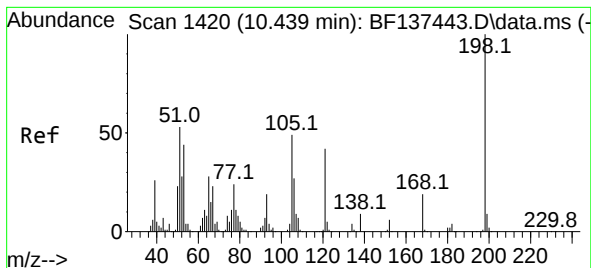
Ion Ratio Lower Upper

188 100

94 13.0 10.6 15.8

80 13.7 11.5 17.3

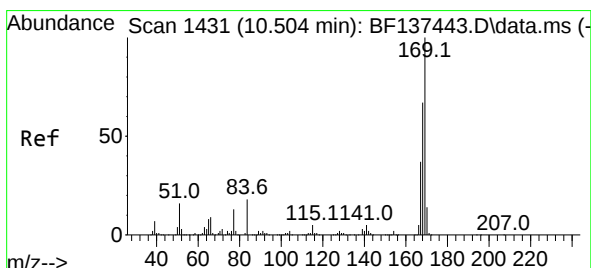
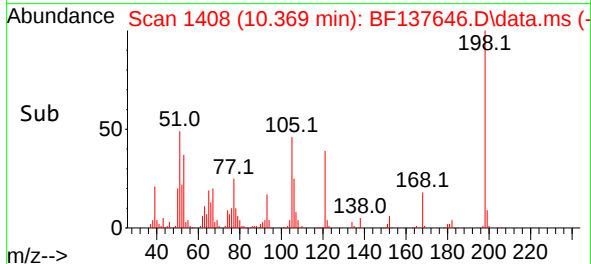
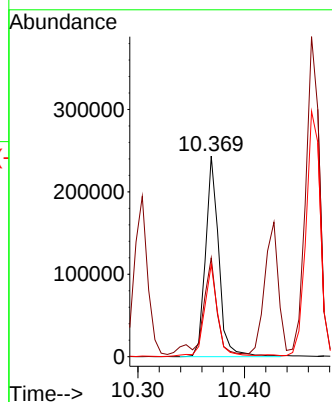
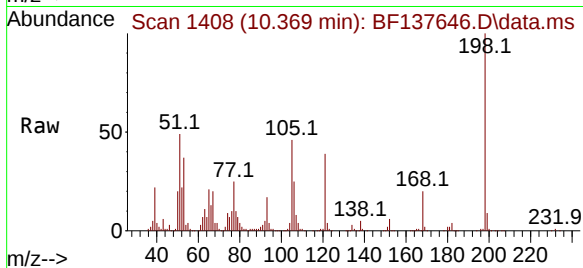




#65
4,6-Dinitro-2-methylphenol
Concen: 54.312 ng
RT: 10.369 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF137646.D
Acq: 19 Mar 2024 14:10

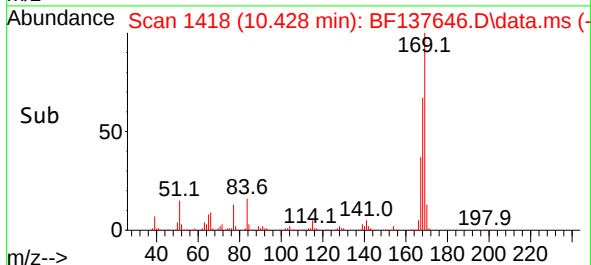
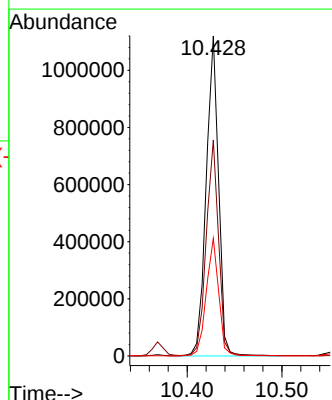
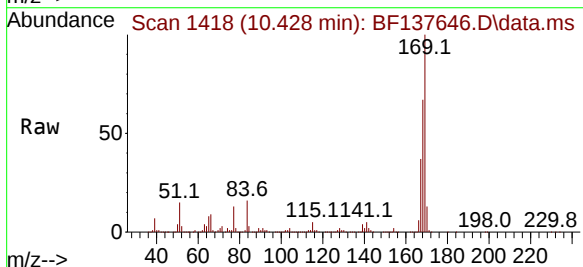
Instrument :
BNA_F
ClientSampleId :
PB159655BS

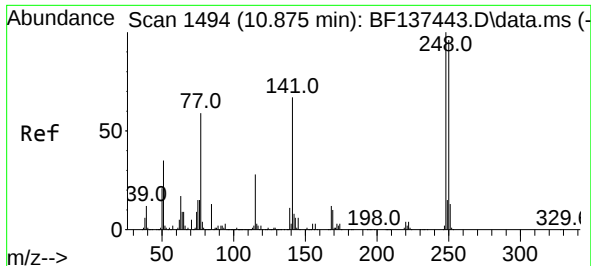
Tgt Ion:198 Resp: 210958
Ion Ratio Lower Upper
198 100
51 49.2 37.2 77.2
105 46.0 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 45.066 ng
RT: 10.428 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF137646.D
Acq: 19 Mar 2024 14:10

Tgt Ion:169 Resp: 1011342
Ion Ratio Lower Upper
169 100
168 67.5 53.8 80.6
167 36.7 29.6 44.4

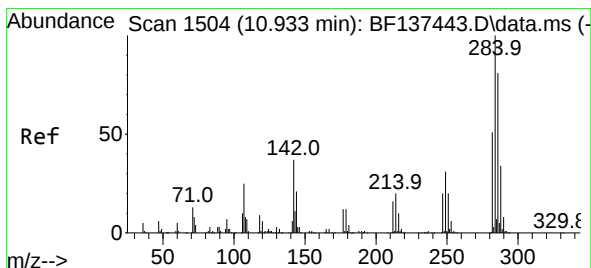
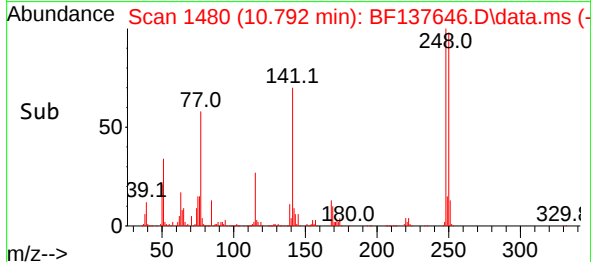
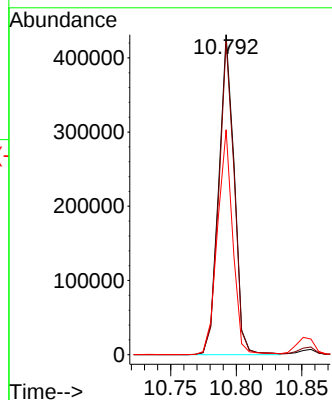
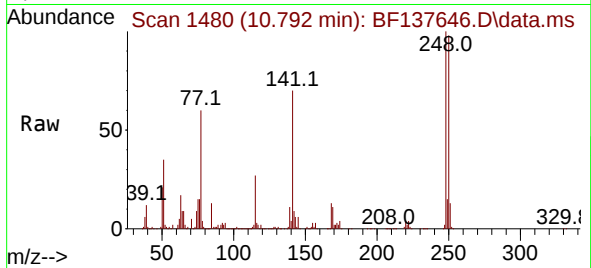




#67
4-Bromophenyl-phenylether
Concen: 46.645 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.000 min
Lab File: BF137646.D
Acq: 19 Mar 2024 14:10

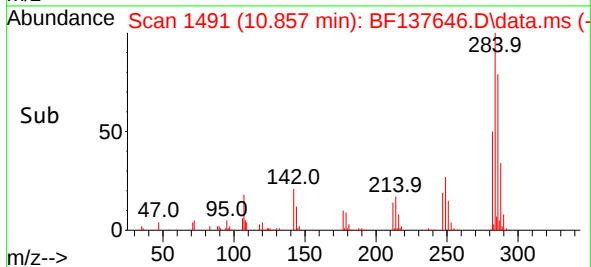
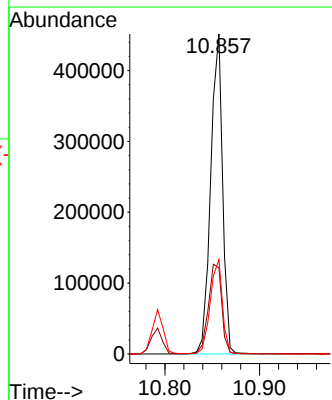
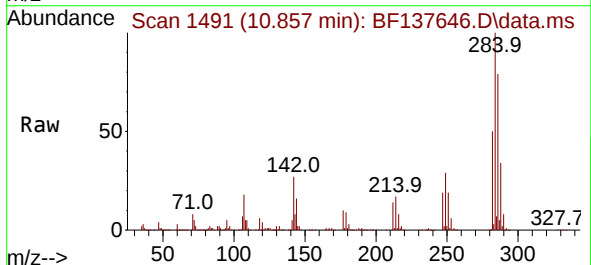
Instrument :
BNA_F
ClientSampleId :
PB159655BS

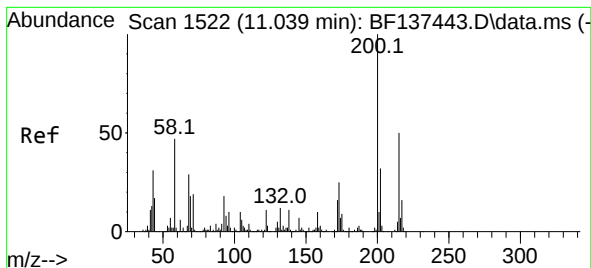
Tgt Ion:248 Resp: 354057
Ion Ratio Lower Upper
248 100
250 97.9 76.8 115.2
141 70.3 53.4 80.0



#68
Hexachlorobenzene
Concen: 51.291 ng
RT: 10.857 min Scan# 1491
Delta R.T. 0.006 min
Lab File: BF137646.D
Acq: 19 Mar 2024 14:10

Tgt Ion:284 Resp: 393229
Ion Ratio Lower Upper
284 100
142 27.0 29.4 44.0#
249 29.5 25.0 37.4





#69

Atrazine

Concen: 41.418 ng

RT: 10.957 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137646.D

Acq: 19 Mar 2024 14:10

Instrument :

BNA_F

ClientSampleId :

PB159655BS

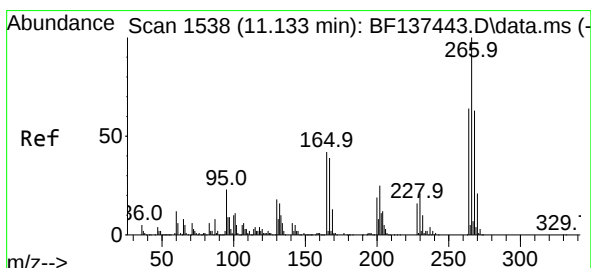
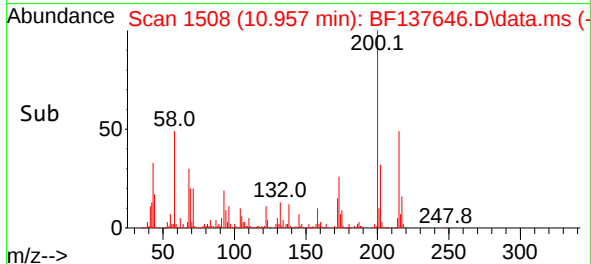
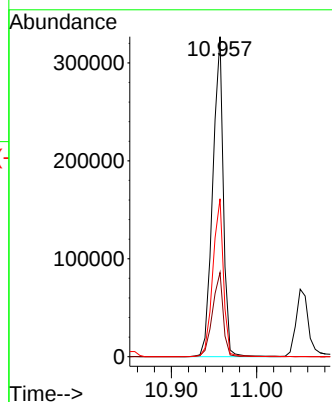
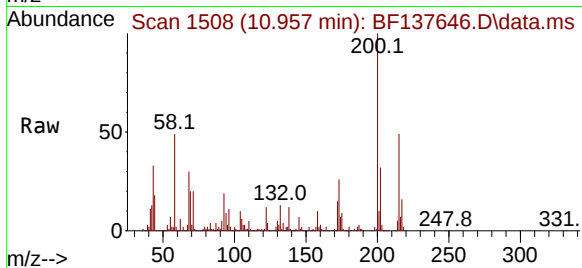
Tgt Ion:200 Resp: 282555

Ion Ratio Lower Upper

200 100

173 26.3 5.1 45.1

215 49.4 30.4 70.4



#70

Pentachlorophenol

Concen: 87.955 ng

RT: 11.057 min Scan# 1525

Delta R.T. 0.012 min

Lab File: BF137646.D

Acq: 19 Mar 2024 14:10

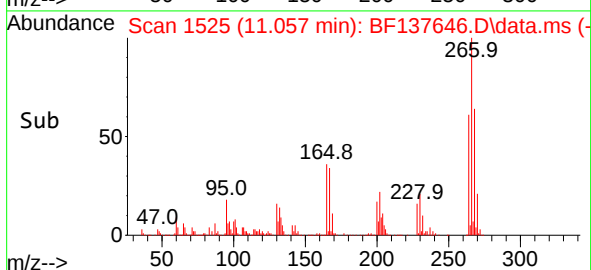
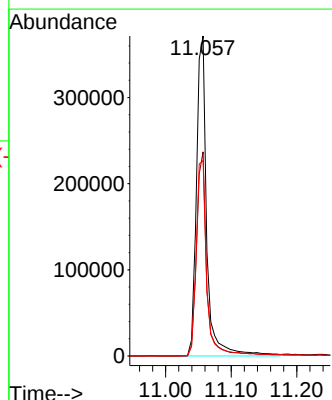
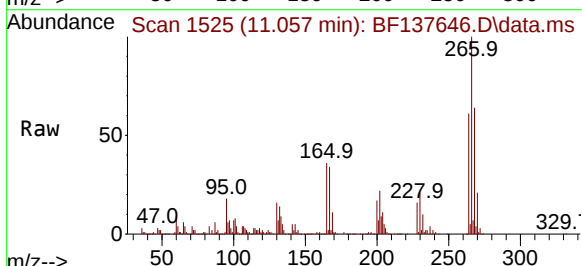
Tgt Ion:266 Resp: 407633

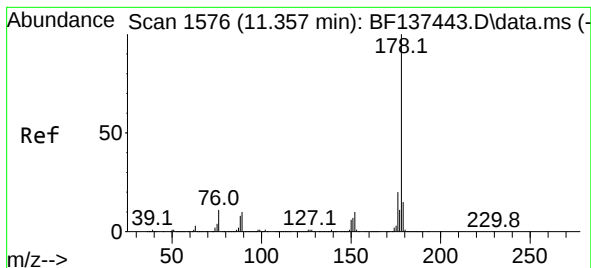
Ion Ratio Lower Upper

266 100

268 63.8 50.2 75.2

264 61.1 50.9 76.3





#71

Phenanthrene

Concen: 43.380 ng

RT: 11.275 min Scan# 1562

Delta R.T. 0.006 min

Lab File: BF137646.D

Acq: 19 Mar 2024 14:10

Instrument :

BNA_F

ClientSampleId :

PB159655BS

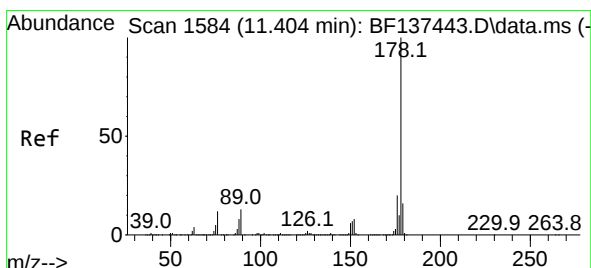
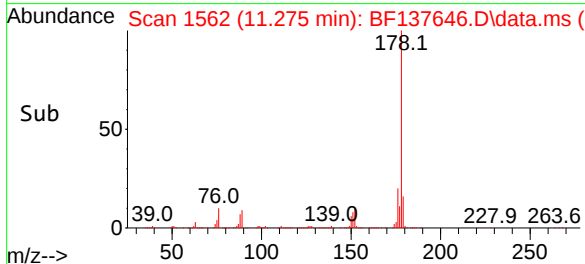
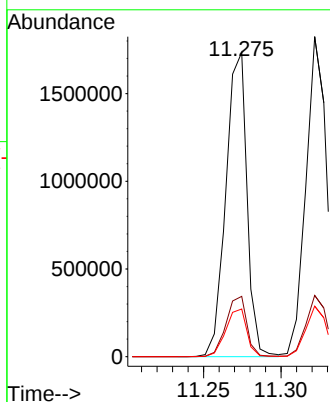
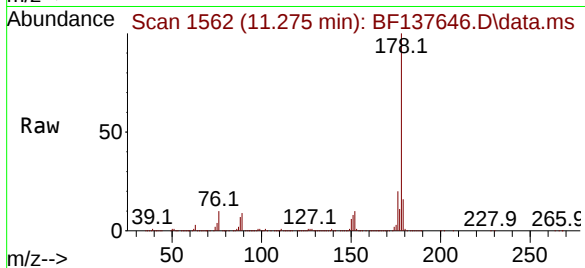
Tgt Ion:178 Resp: 1645289

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.8

179 15.7 12.2 18.2



#72

Anthracene

Concen: 43.633 ng

RT: 11.322 min Scan# 1570

Delta R.T. 0.006 min

Lab File: BF137646.D

Acq: 19 Mar 2024 14:10

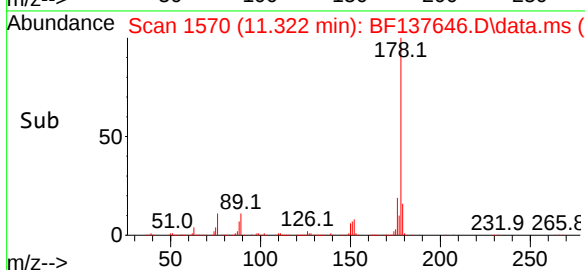
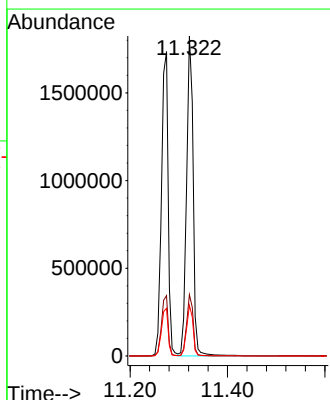
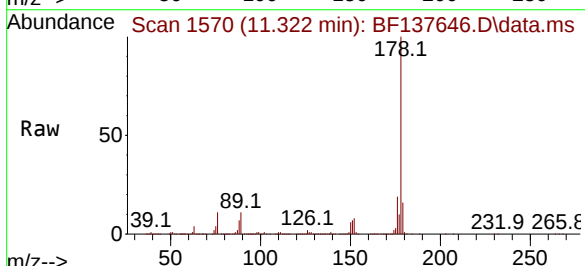
Tgt Ion:178 Resp: 1699662

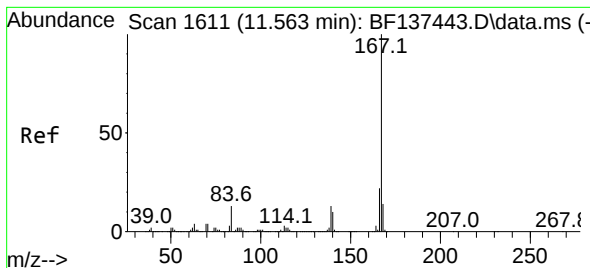
Ion Ratio Lower Upper

178 100

176 19.2 15.7 23.5

179 15.8 12.7 19.1





#73

Carbazole

Concen: 44.413 ng

RT: 11.480 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF137646.D

Acq: 19 Mar 2024 14:10

Instrument :

BNA_F

ClientSampleId :

PB159655BS

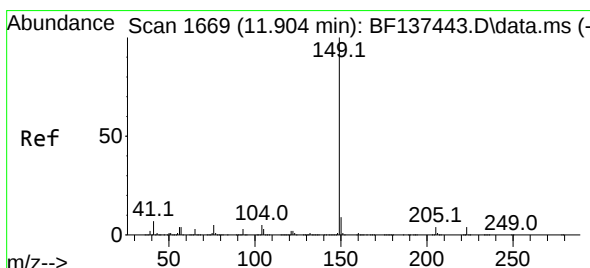
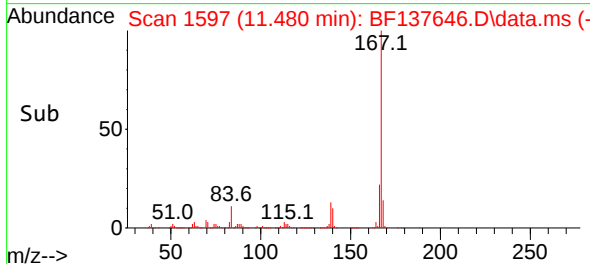
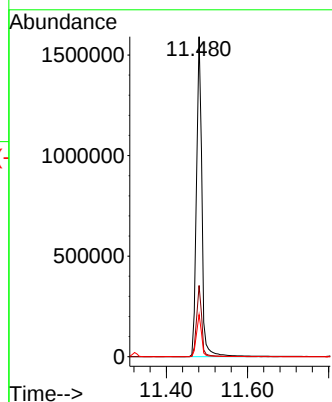
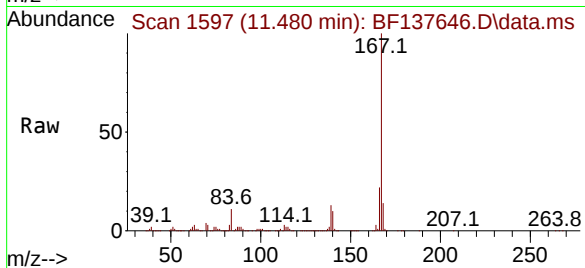
Tgt Ion:167 Resp: 1481871

Ion Ratio Lower Upper

167 100

166 22.3 17.8 26.8

139 13.2 10.5 15.7



#74

Di-n-butylphthalate

Concen: 45.319 ng

RT: 11.810 min Scan# 1653

Delta R.T. -0.000 min

Lab File: BF137646.D

Acq: 19 Mar 2024 14:10

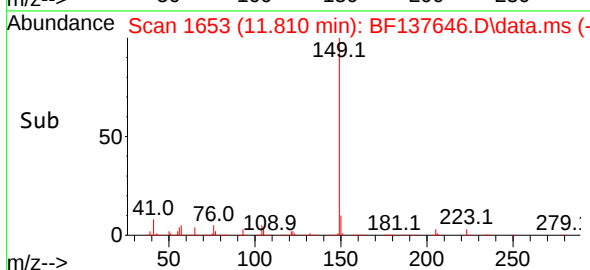
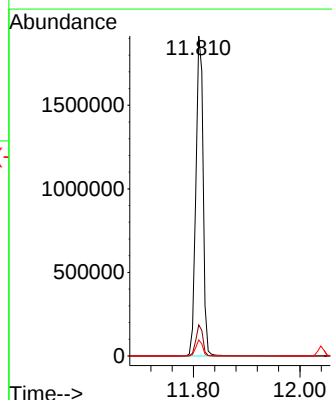
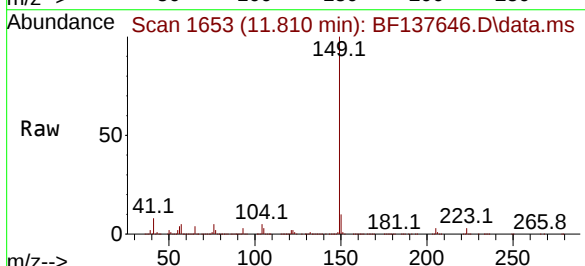
Tgt Ion:149 Resp: 1799061

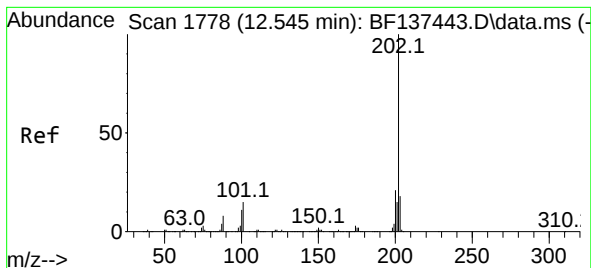
Ion Ratio Lower Upper

149 100

150 9.7 7.4 11.0

104 5.0 3.8 5.6





#75

Fluoranthene

Concen: 43.848 ng

RT: 12.457 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF137646.D

Acq: 19 Mar 2024 14:10

Instrument :

BNA_F

ClientSampleId :

PB159655BS

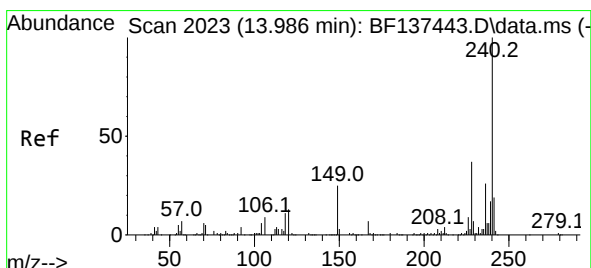
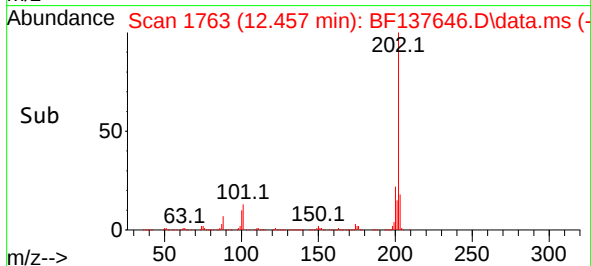
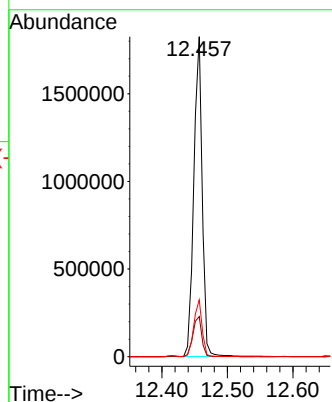
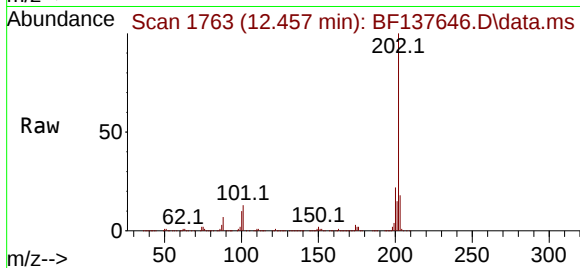
Tgt Ion:202 Resp: 1625580

Ion Ratio Lower Upper

202 100

101 12.6 0.0 35.0

203 17.8 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.880 min Scan# 2005

Delta R.T. 0.006 min

Lab File: BF137646.D

Acq: 19 Mar 2024 14:10

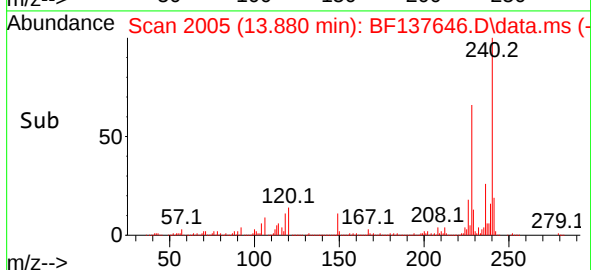
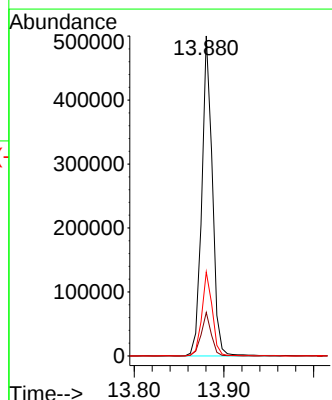
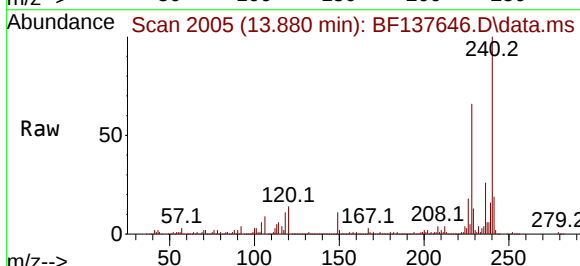
Tgt Ion:240 Resp: 407778

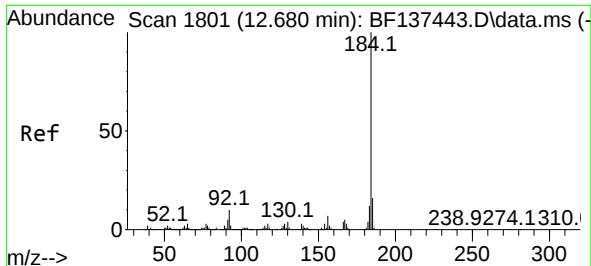
Ion Ratio Lower Upper

240 100

120 13.6 10.4 15.6

236 26.2 20.9 31.3

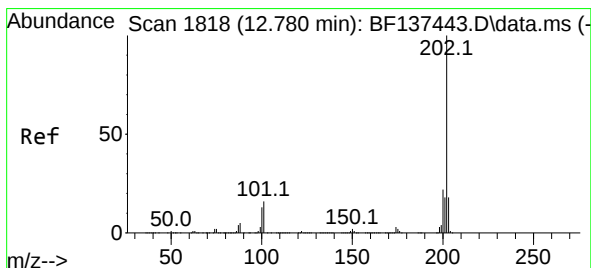
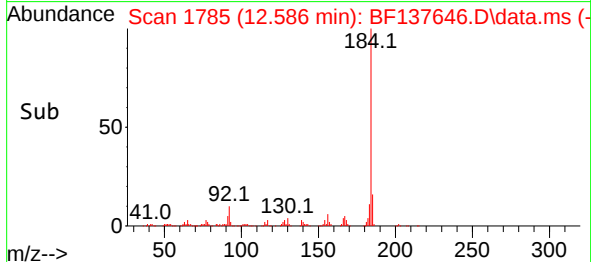
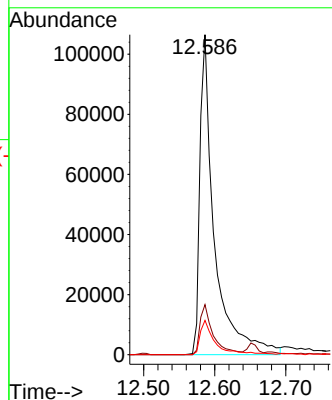
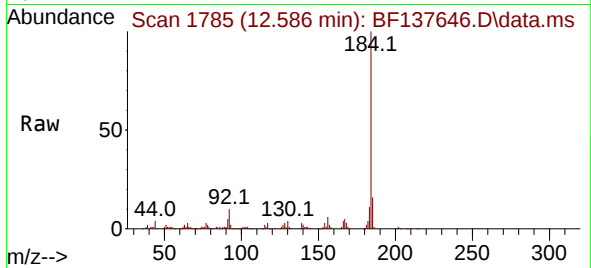




#77
Benzidine
Concen: 15.246 ng
RT: 12.586 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137646.D
Acq: 19 Mar 2024 14:10

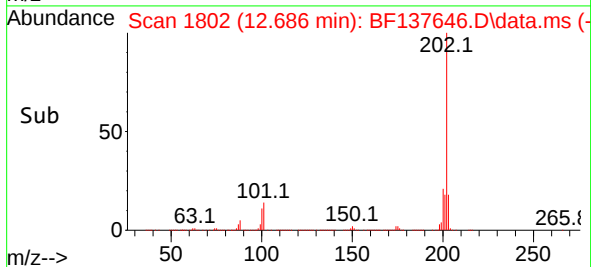
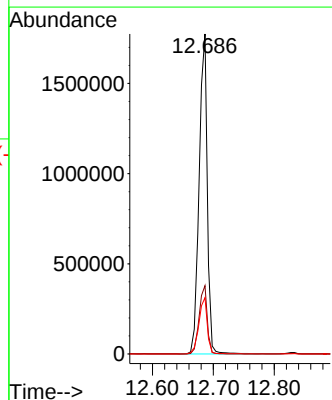
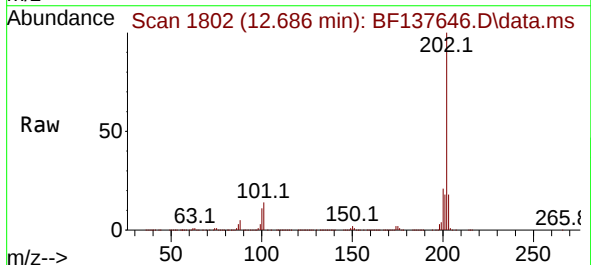
Instrument :
BNA_F
ClientSampleId :
PB159655BS

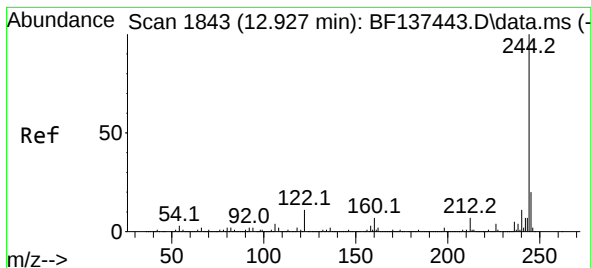
Tgt Ion:184 Resp: 152144
Ion Ratio Lower Upper
184 100
185 15.6 13.2 19.8
183 10.7 9.3 13.9



#78
Pyrene
Concen: 41.269 ng
RT: 12.686 min Scan# 1802
Delta R.T. 0.006 min
Lab File: BF137646.D
Acq: 19 Mar 2024 14:10

Tgt Ion:202 Resp: 1651278
Ion Ratio Lower Upper
202 100
200 21.3 17.4 26.2
203 17.6 14.1 21.1





#79

Terphenyl-d14

Concen: 80.317 ng

RT: 12.833 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137646.D

Acq: 19 Mar 2024 14:10

Instrument :

BNA_F

ClientSampleId :

PB159655BS

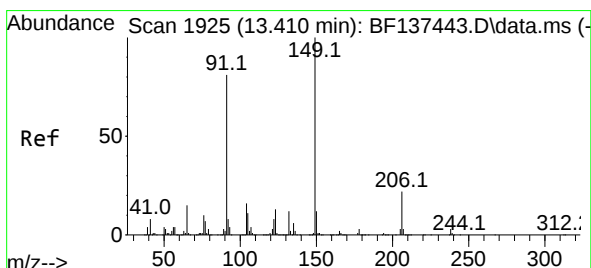
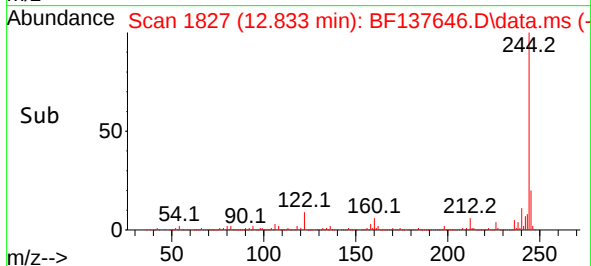
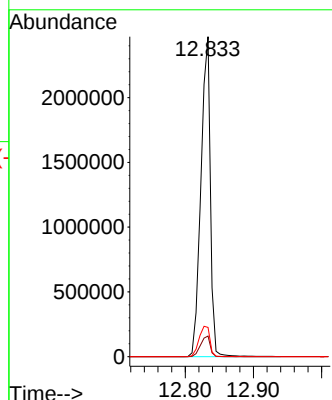
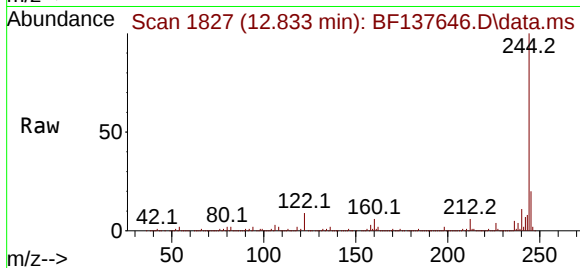
Tgt Ion:244 Resp: 2381748

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.2

122 9.2 9.1 13.7



#80

Butylbenzylphthalate

Concen: 60.915 ng

RT: 13.304 min Scan# 1907

Delta R.T. -0.000 min

Lab File: BF137646.D

Acq: 19 Mar 2024 14:10

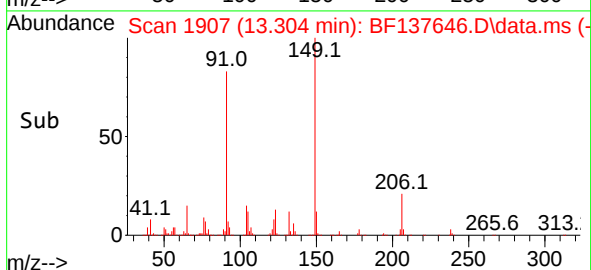
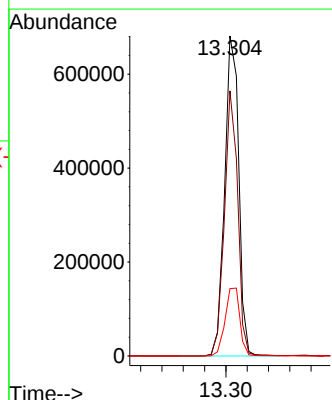
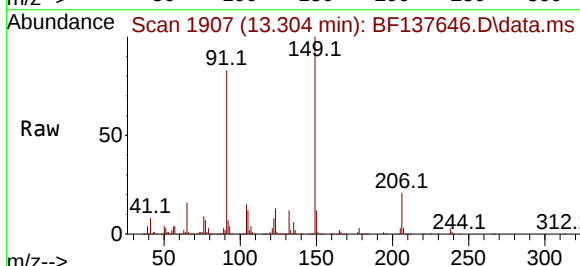
Tgt Ion:149 Resp: 622464

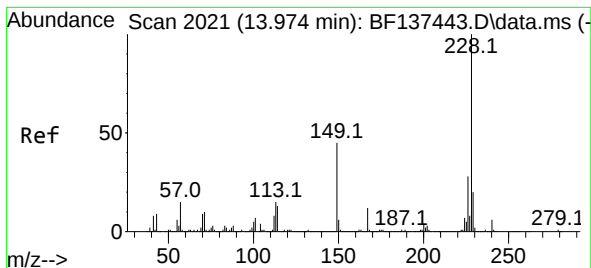
Ion Ratio Lower Upper

149 100

91 82.8 64.7 97.1

206 21.1 17.5 26.3





#81

Benzo(a)anthracene

Concen: 43.771 ng

RT: 13.869 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF137646.D

Acq: 19 Mar 2024 14:10

Instrument :

BNA_F

ClientSampleId :

PB159655BS

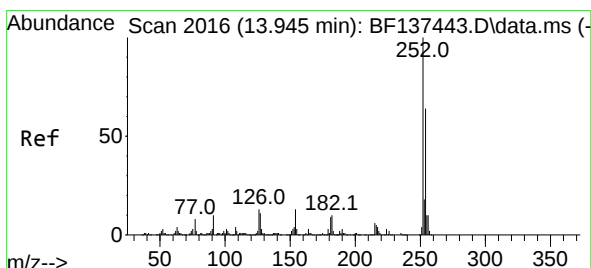
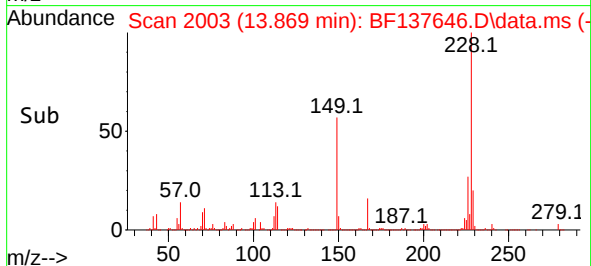
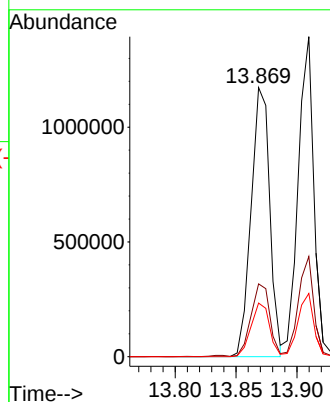
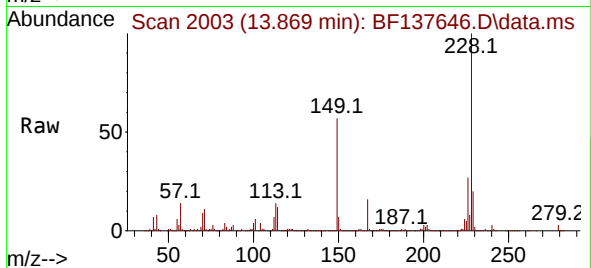
Tgt Ion:228 Resp: 1251023

Ion Ratio Lower Upper

228 100

226 27.1 22.3 33.5

229 19.9 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 43.594 ng

RT: 13.833 min Scan# 1997

Delta R.T. 0.000 min

Lab File: BF137646.D

Acq: 19 Mar 2024 14:10

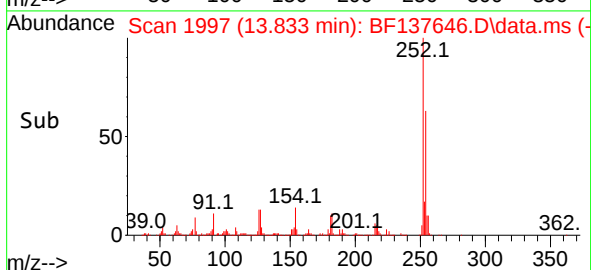
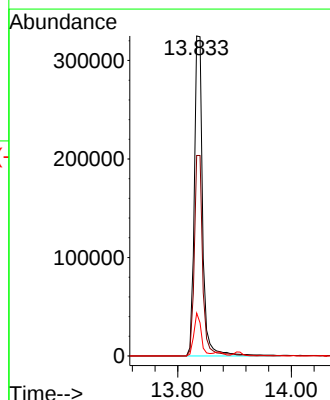
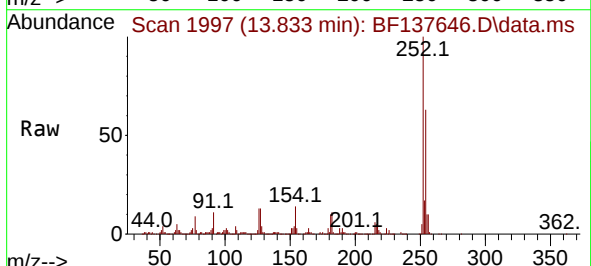
Tgt Ion:252 Resp: 331796

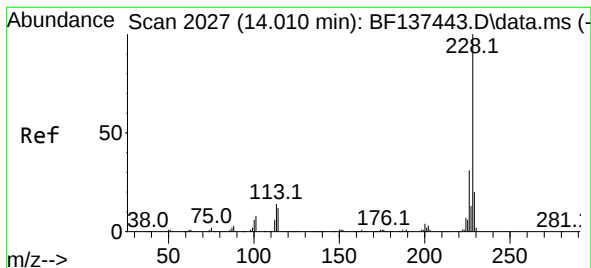
Ion Ratio Lower Upper

252 100

254 62.7 51.4 77.2

126 13.4 10.4 15.6





#83

Chrysene

Concen: 43.888 ng

RT: 13.910 min Scan# 2000

Delta R.T. 0.006 min

Lab File: BF137646.D

Acq: 19 Mar 2024 14:10

Instrument :

BNA_F

ClientSampleId :

PB159655BS

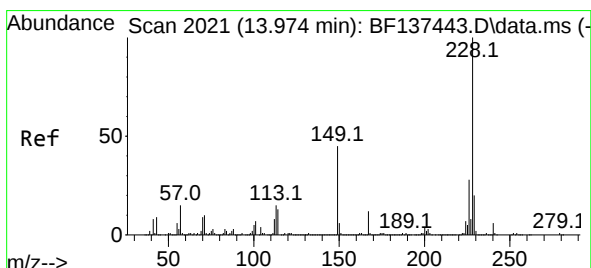
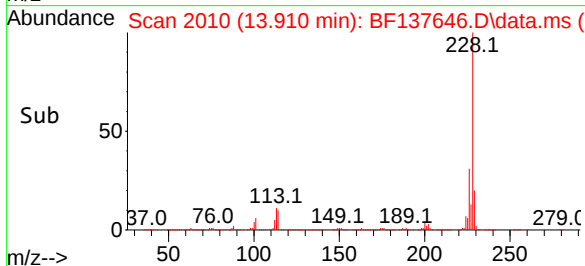
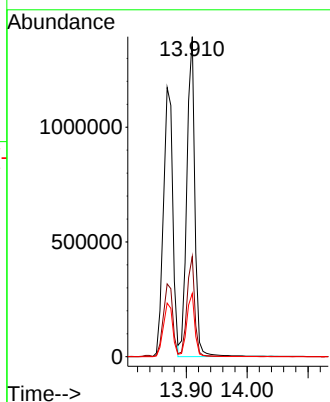
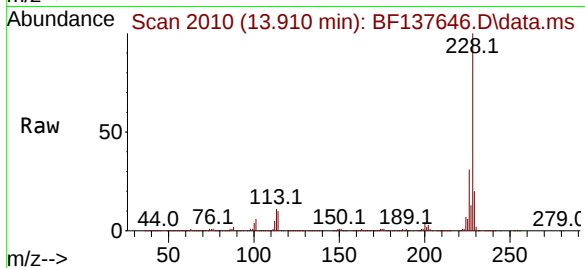
Tgt Ion:228 Resp: 1267765

Ion Ratio Lower Upper

228 100

226 31.3 24.7 37.1

229 19.8 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 60.624 ng

RT: 13.863 min Scan# 2002

Delta R.T. -0.000 min

Lab File: BF137646.D

Acq: 19 Mar 2024 14:10

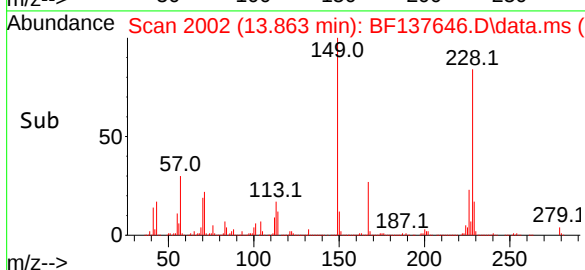
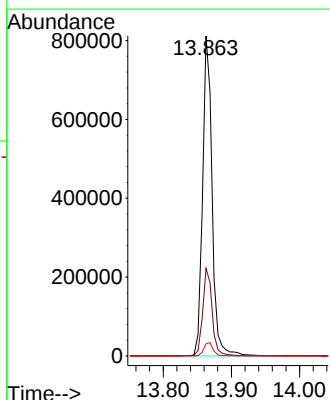
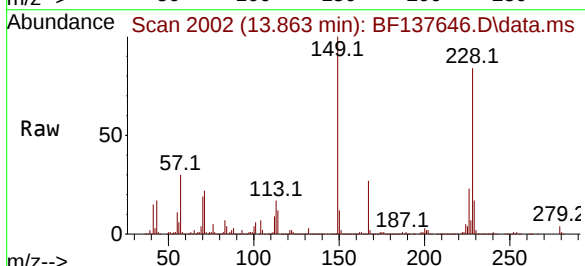
Tgt Ion:149 Resp: 787384

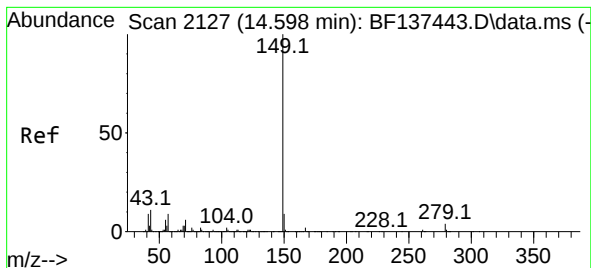
Ion Ratio Lower Upper

149 100

167 27.4 21.3 31.9

279 3.8 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 51.900 ng

RT: 14.474 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF137646.D

Acq: 19 Mar 2024 14:10

Instrument :

BNA_F

ClientSampleId :

PB159655BS

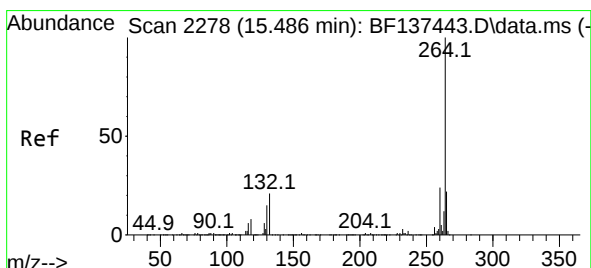
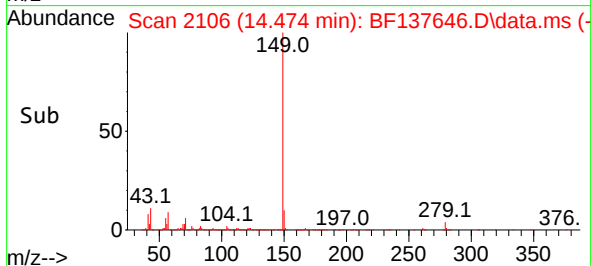
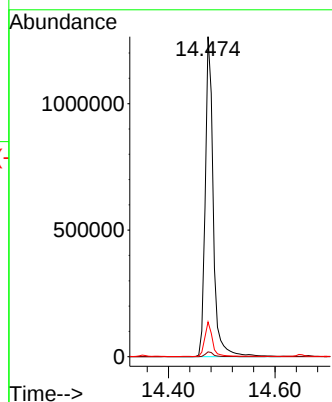
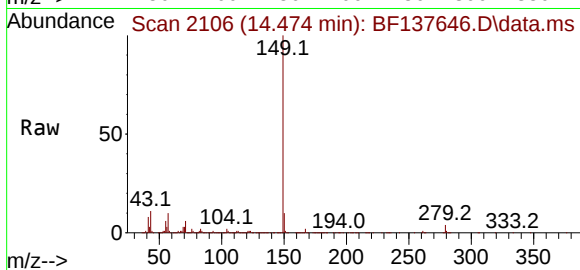
Tgt Ion:149 Resp: 1312061

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.3 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.298 min Scan# 2246

Delta R.T. -0.000 min

Lab File: BF137646.D

Acq: 19 Mar 2024 14:10

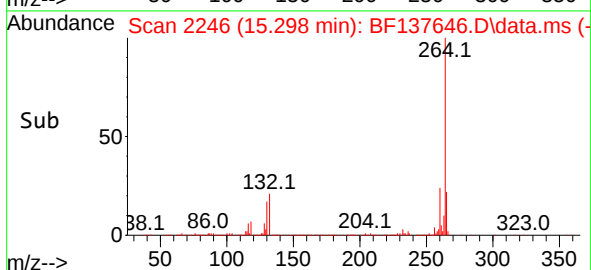
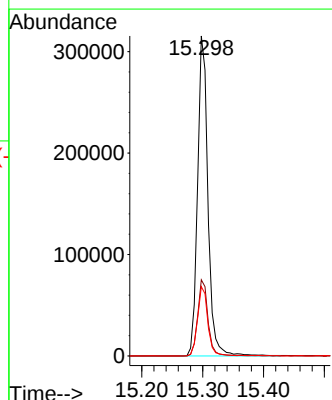
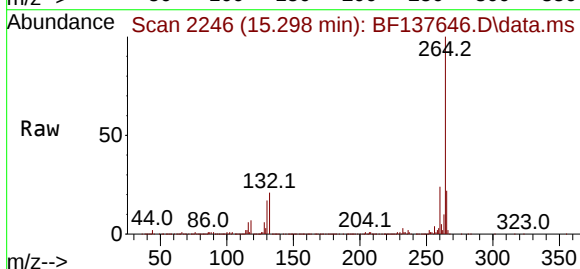
Tgt Ion:264 Resp: 373321

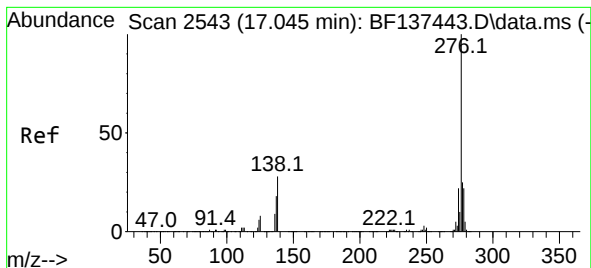
Ion Ratio Lower Upper

264 100

260 23.8 19.3 28.9

265 21.6 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.390 ng

RT: 16.698 min Scan# 2484

Delta R.T. 0.012 min

Lab File: BF137646.D

Acq: 19 Mar 2024 14:10

Instrument :

BNA_F

ClientSampleId :

PB159655BS

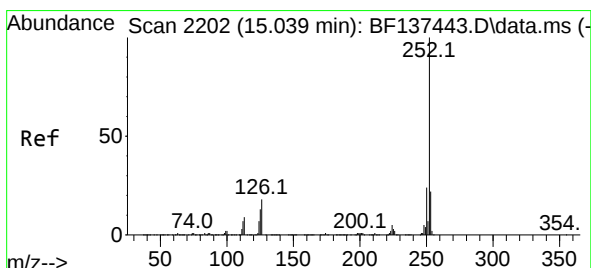
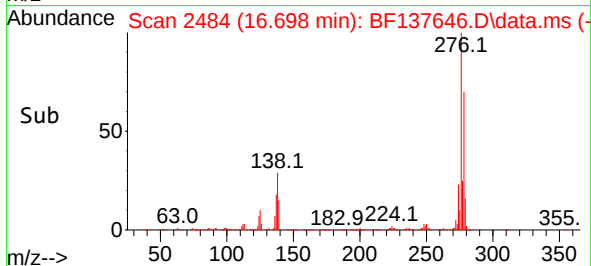
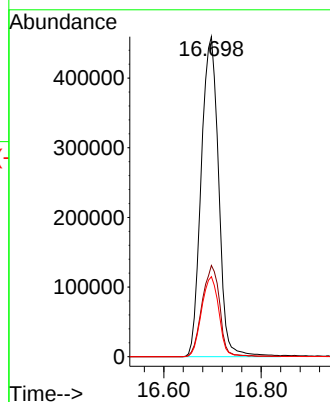
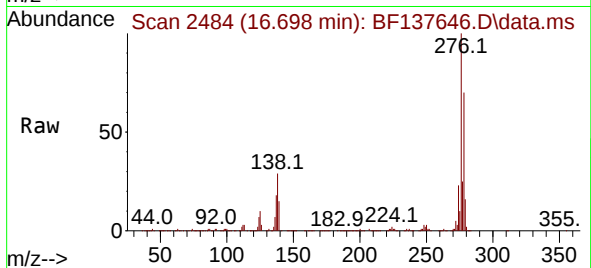
Tgt Ion:276 Resp: 1139671

Ion Ratio Lower Upper

276 100

138 28.8 25.8 38.8

277 25.0 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 51.580 ng

RT: 14.898 min Scan# 2178

Delta R.T. 0.006 min

Lab File: BF137646.D

Acq: 19 Mar 2024 14:10

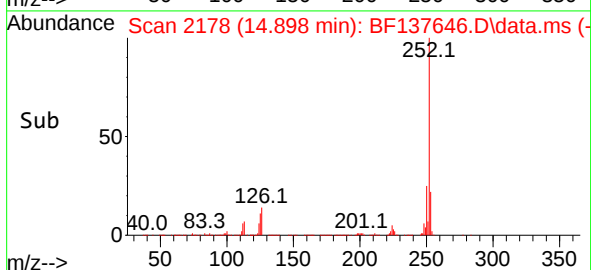
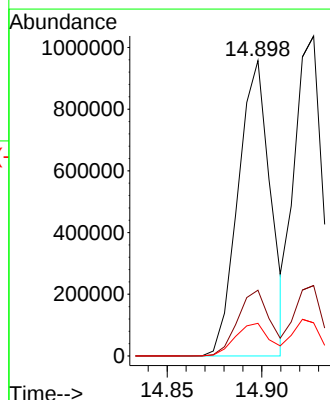
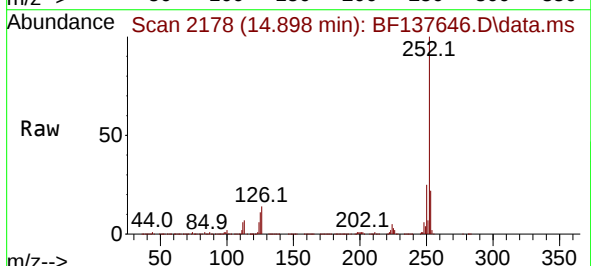
Tgt Ion:252 Resp: 1139057

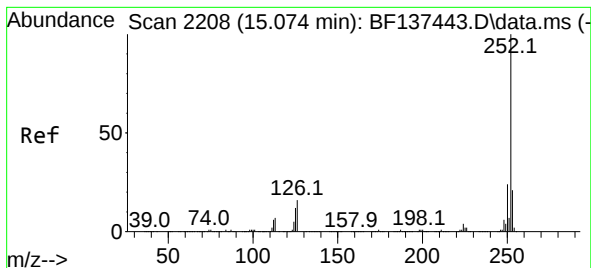
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

125 11.0 10.1 15.1





#89

Benzo(k)fluoranthene

Concen: 46.468 ng

RT: 14.927 min Scan# 2118

Delta R.T. 0.006 min

Lab File: BF137646.D

Acq: 19 Mar 2024 14:10

Instrument :

BNA_F

ClientSampleId :

PB159655BS

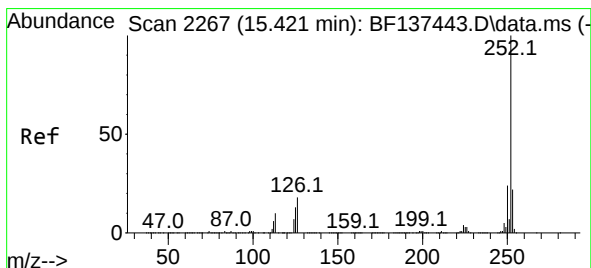
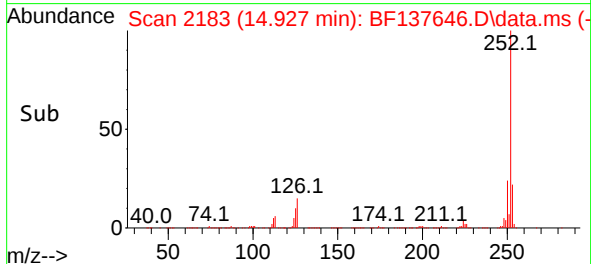
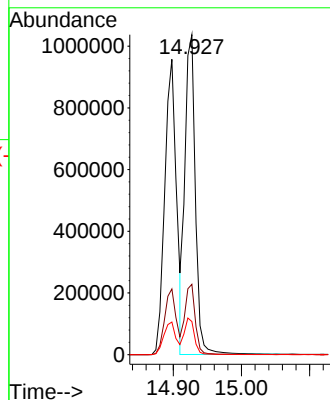
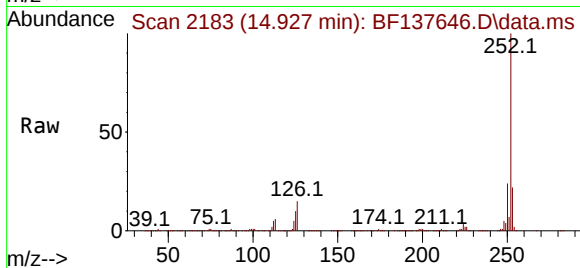
Tgt Ion:252 Resp: 1102212

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 10.3 9.6 14.4



#90

Benzo(a)pyrene

Concen: 47.112 ng

RT: 15.245 min Scan# 2237

Delta R.T. 0.006 min

Lab File: BF137646.D

Acq: 19 Mar 2024 14:10

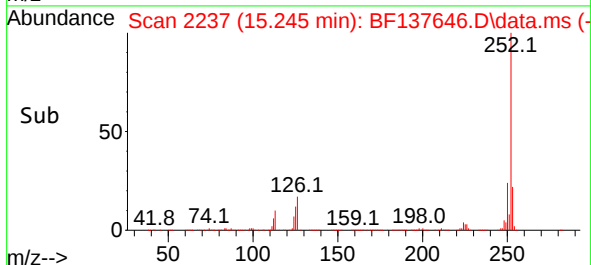
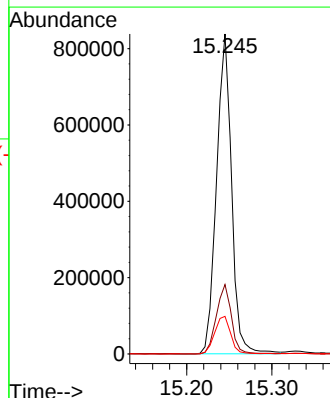
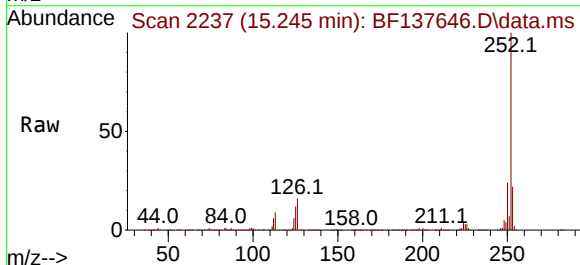
Tgt Ion:252 Resp: 1025245

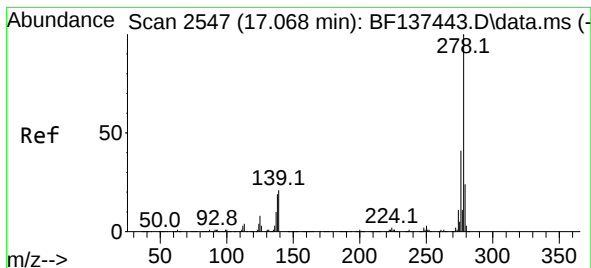
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 11.7 10.4 15.6





#91

Dibenzo(a,h)anthracene

Concen: 46.974 ng

RT: 16.710 min Scan# 2486

Delta R.T. 0.012 min

Lab File: BF137646.D

Acq: 19 Mar 2024 14:10

Instrument :

BNA_F

ClientSampleId :

PB159655BS

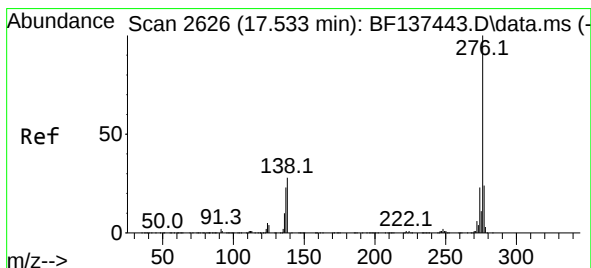
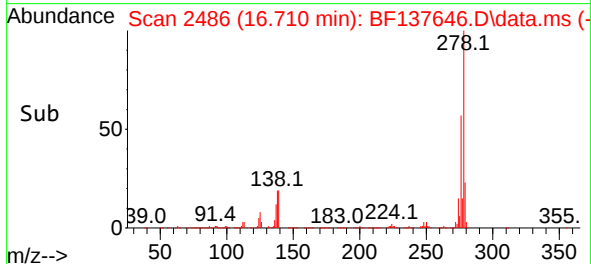
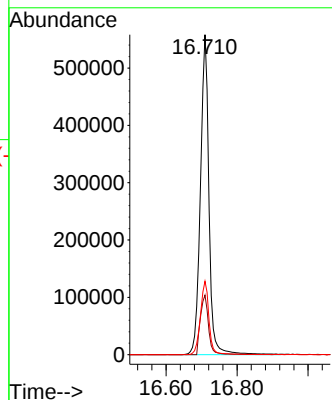
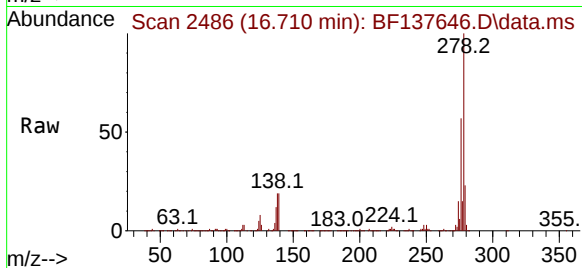
Tgt Ion:278 Resp: 936140

Ion Ratio Lower Upper

278 100

139 18.6 17.0 25.6

279 23.0 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 44.336 ng

RT: 17.115 min Scan# 2555

Delta R.T. 0.012 min

Lab File: BF137646.D

Acq: 19 Mar 2024 14:10

Tgt Ion:276 Resp: 907427

Ion Ratio Lower Upper

276 100

277 24.0 19.0 28.4

138 25.1 22.2 33.2

