

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031524\
 Data File : BF137612.D
 Acq On : 15 Mar 2024 16:33
 Operator : CG\JU
 Sample : PB159613BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159613BS

Quant Time: Mar 15 17:08:38 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	174702	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	662837	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	361357	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	592768	20.000	ng	0.00
76) Chrysene-d12	13.880	240	363148	20.000	ng	0.00
86) Perylene-d12	15.298	264	315730	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	995643	86.315	ng	0.01
7) Phenol-d6	6.369	99	1340961	80.536	ng	0.00
23) Nitrobenzene-d5	7.298	82	1172464	82.188	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	287751	90.678	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1894969	82.088	ng	0.00
79) Terphenyl-d14	12.827	244	2023816	76.634	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.457	88	224795	35.641	ng	97
3) Pyridine	3.157	79	515338	33.879	ng	98
4) n-Nitrosodimethylamine	3.128	42	244662	40.364	ng	94
6) Aniline	6.392	93	435225	21.392	ng	97
8) 2-Chlorophenol	6.510	128	557361	45.811	ng	97
9) Benzaldehyde	6.275	77	122849	15.060	ng	98
10) Phenol	6.381	94	751908	41.956	ng	99
11) bis(2-Chloroethyl)ether	6.469	93	570401	43.434	ng	96
12) 1,3-Dichlorobenzene	6.663	146	585591	45.043	ng	99
13) 1,4-Dichlorobenzene	6.745	146	596601	44.851	ng	97
14) 1,2-Dichlorobenzene	6.892	146	566523	46.401	ng	98
15) Benzyl Alcohol	6.875	79	483762	46.669	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.004	45	885184	39.212	ng	97
17) 2-Methylphenol	6.992	107	450083	39.535	ng	96
18) Hexachloroethane	7.234	117	207624	47.404	ng	93
19) n-Nitroso-di-n-propyla...	7.145	70	413146	40.182	ng	99
20) 3+4-Methylphenols	7.145	107	526306	40.365	ng	91
22) Acetophenone	7.139	105	730654	45.559	ng	# 97
24) Nitrobenzene	7.316	77	621312	43.356	ng	96
25) Isophorone	7.551	82	1156497	42.672	ng	98
26) 2-Nitrophenol	7.628	139	279809	49.181	ng	98
27) 2,4-Dimethylphenol	7.669	122	389015	36.593	ng	98
28) bis(2-Chloroethoxy)met...	7.763	93	696885	43.825	ng	99
29) 2,4-Dichlorophenol	7.869	162	451781	46.304	ng	97
30) 1,2,4-Trichlorobenzene	7.951	180	479999	46.750	ng	99
31) Naphthalene	8.034	128	1561468	43.906	ng	99
32) Benzoic acid	7.810	122	218112	37.251	ng	99
33) 4-Chloroaniline	8.086	127	160930	11.540	ng	98
34) Hexachlorobutadiene	8.145	225	277114	45.716	ng	99
35) Caprolactam	8.457	113	92468	27.950	ng	97
36) 4-Chloro-3-methylphenol	8.575	107	483331	44.318	ng	100
37) 2-Methylnaphthalene	8.722	142	958288	42.268	ng	99
38) 1-Methylnaphthalene	8.822	142	895227	41.930	ng	99
40) 1,2,4,5-Tetrachloroben...	8.886	216	471493	46.737	ng	99
41) Hexachlorocyclopentadiene	8.875	237	375667	90.090	ng	99
43) 2,4,6-Trichlorophenol	9.004	196	304596	46.365	ng	98

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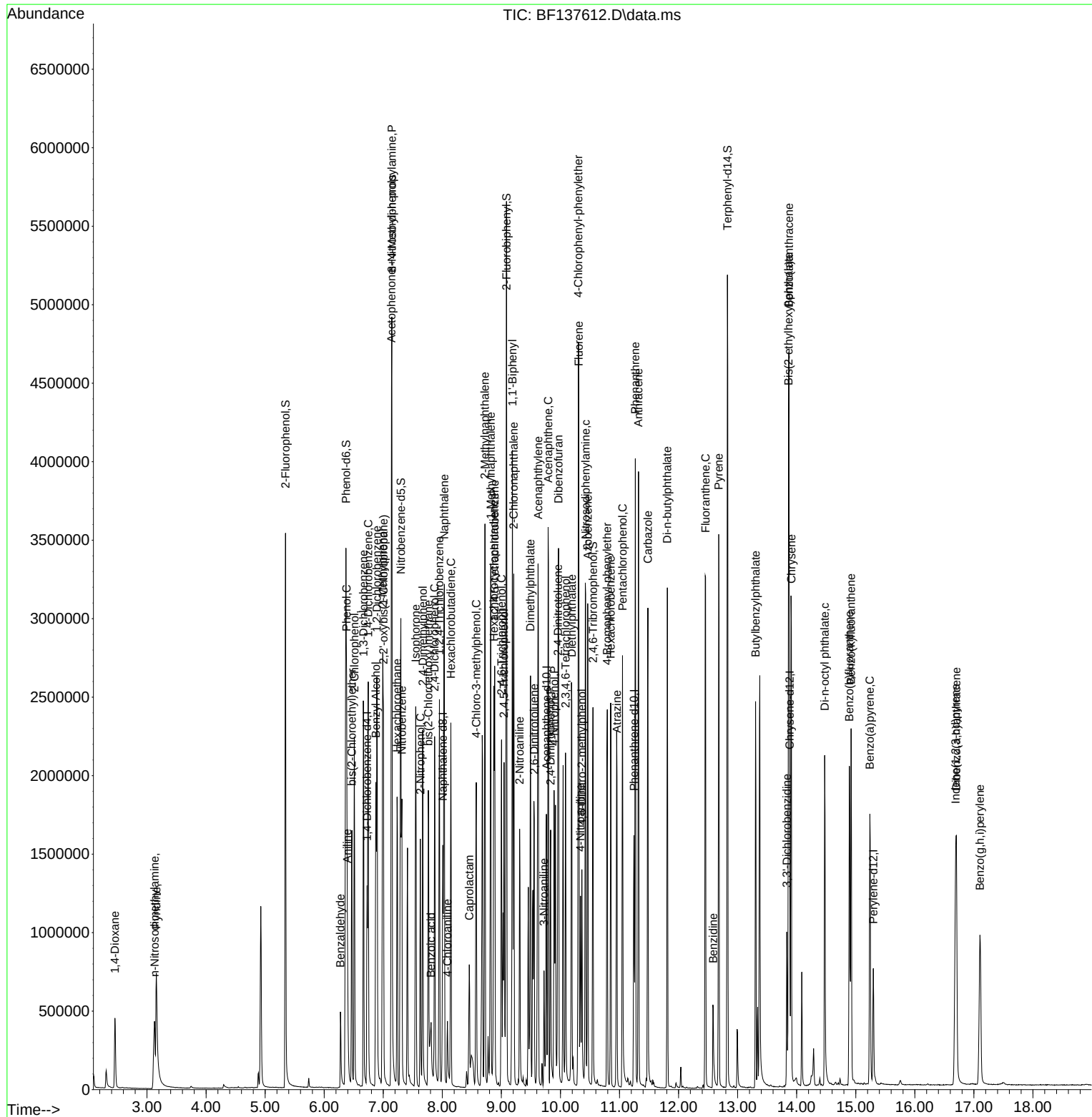
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	313978	41.489	ng	97
46) 1,1'-Biphenyl	9.186	154	1167783	44.154	ng	99
47) 2-Chloronaphthalene	9.210	162	920989	45.674	ng	100
48) 2-Nitroaniline	9.310	65	314759	45.925	ng	96
49) Acenaphthylene	9.622	152	1450673	44.954	ng	99
50) Dimethylphthalate	9.492	163	1096537	43.592	ng	99
51) 2,6-Dinitrotoluene	9.557	165	244086	46.392	ng	# 85
52) Acenaphthene	9.792	154	814115	42.258	ng	99
53) 3-Nitroaniline	9.722	138	117680	21.146	ng	96
54) 2,4-Dinitrophenol	9.833	184	213563	82.890	ng	96
55) Dibenzofuran	9.969	168	1244208	42.402	ng	99
56) 4-Nitrophenol	9.892	139	323334	81.570	ng	97
57) 2,4-Dinitrotoluene	9.957	165	302206	46.752	ng	95
58) Fluorene	10.310	166	941923	41.799	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.086	232	269720	44.445	ng	97
60) Diethylphthalate	10.192	149	1031893	43.440	ng	99
61) 4-Chlorophenyl-phenyle...	10.304	204	461022	41.744	ng	95
62) 4-Nitroaniline	10.339	138	198458	41.491	ng	95
63) Azobenzene	10.463	77	1115848	40.795	ng	99
65) 4,6-Dinitro-2-methylph...	10.363	198	177220	53.642	ng	93
66) n-Nitrosodiphenylamine	10.428	169	853503	44.714	ng	98
67) 4-Bromophenyl-phenylether	10.792	248	294709	45.647	ng	97
68) Hexachlorobenzene	10.851	284	325277	49.882	ng	96
69) Atrazine	10.957	200	278984	48.079	ng	99
70) Pentachlorophenol	11.051	266	338315	85.822	ng	99
71) Phenanthrene	11.269	178	1401800	43.454	ng	99
72) Anthracene	11.322	178	1442288	43.531	ng	99
73) Carbazole	11.480	167	1283586	45.228	ng	99
74) Di-n-butylphthalate	11.810	149	1517474	44.941	ng	100
75) Fluoranthene	12.457	202	1408808	44.677	ng	97
77) Benzidine	12.586	184	283892	31.944	ng	98
78) Pyrene	12.680	202	1443057	40.498	ng	99
80) Butylbenzylphthalate	13.304	149	532373	58.501	ng	100
81) Benzo(a)anthracene	13.868	228	1130005	44.396	ng	100
82) 3,3'-Dichlorobenzidine	13.833	252	217841	32.139	ng	99
83) Chrysene	13.910	228	1145267	44.520	ng	99
84) Bis(2-ethylhexyl)phtha...	13.863	149	682034	58.966	ng	99
85) Di-n-octyl phthalate	14.474	149	1138781	50.724	ng	97
87) Indeno(1,2,3-cd)pyrene	16.692	276	936119	45.055	ng	98
88) Benzo(b)fluoranthene	14.892	252	974015	52.151	ng	99
89) Benzo(k)fluoranthene	14.921	252	895953	44.663	ng	99
90) Benzo(a)pyrene	15.239	252	847002	46.020	ng	99
91) Dibenzo(a,h)anthracene	16.704	278	741531	43.996	ng	98
92) Benzo(g,h,i)perylene	17.104	276	745212	43.052	ng	99

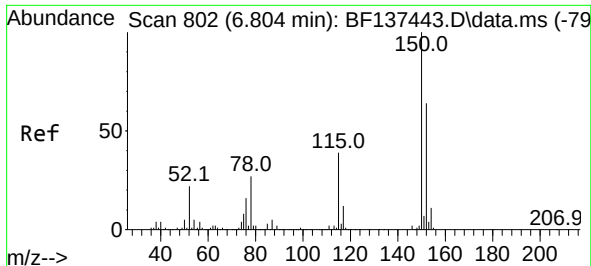
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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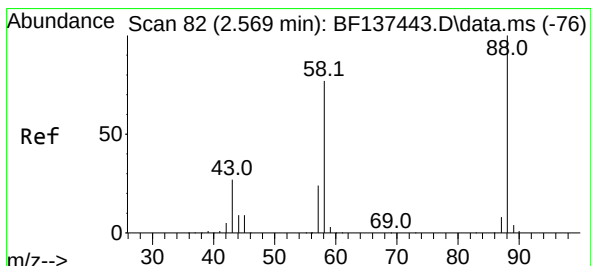
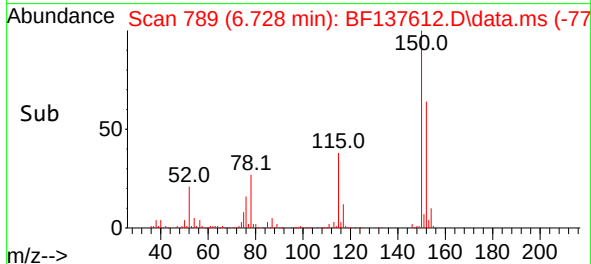
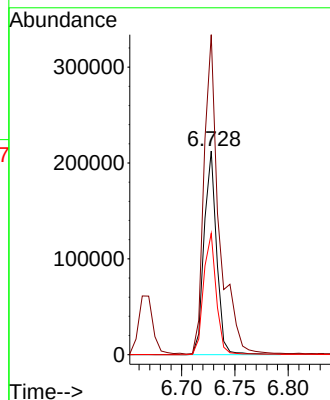
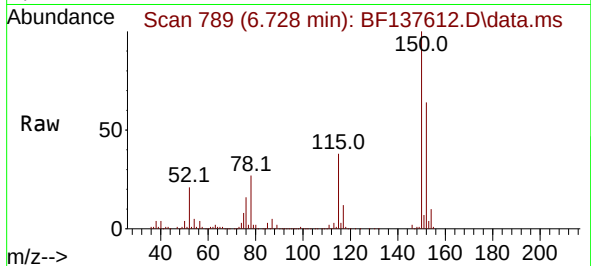




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.728 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF137612.D
 Acq: 15 Mar 2024 16:33

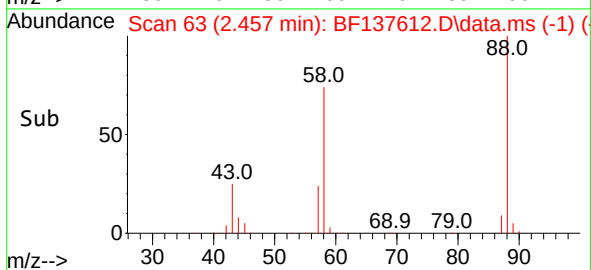
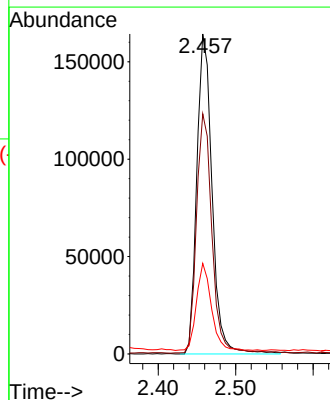
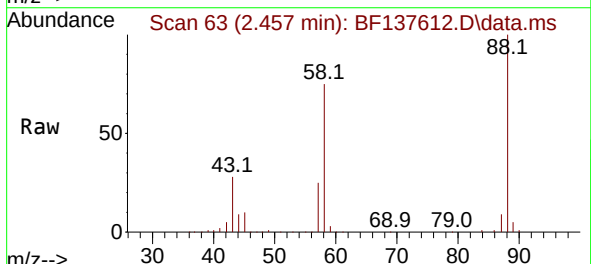
Instrument :
 BNA_F
 ClientSampleId :
 PB159613BS

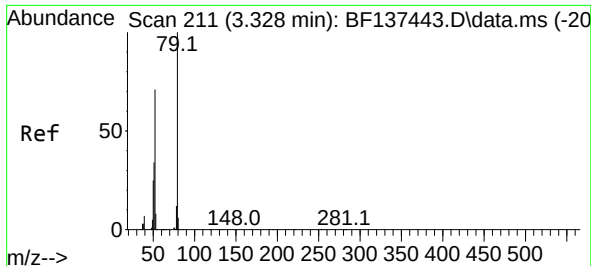
Tgt Ion:152 Resp: 174702
 Ion Ratio Lower Upper
 152 100
 150 157.1 125.8 188.6
 115 59.6 48.8 73.2



#2
 1,4-Dioxane
 Concen: 35.641 ng
 RT: 2.457 min Scan# 63
 Delta R.T. 0.088 min
 Lab File: BF137612.D
 Acq: 15 Mar 2024 16:33

Tgt Ion: 88 Resp: 224795
 Ion Ratio Lower Upper
 88 100
 58 74.9 61.8 92.8
 43 26.4 22.2 33.4

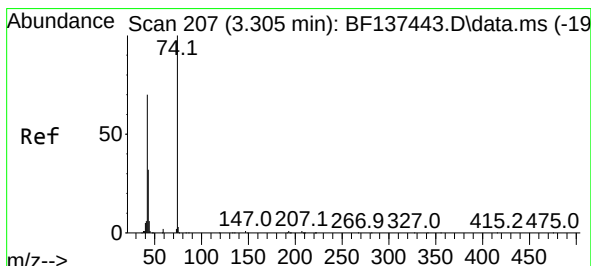
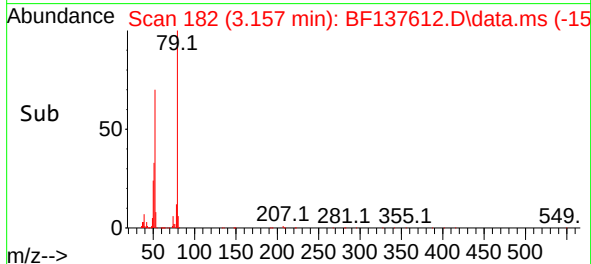
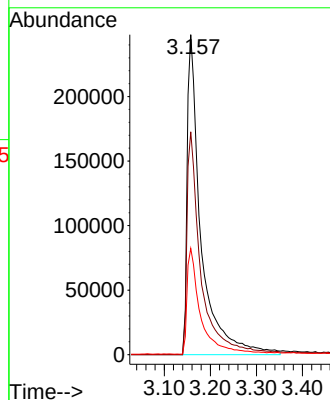
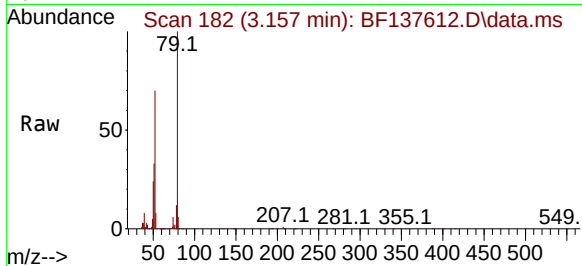




#3
Pyridine
Concen: 33.879 ng
RT: 3.157 min Scan# 11
Delta R.T. 0.088 min
Lab File: BF137612.D
Acq: 15 Mar 2024 16:33

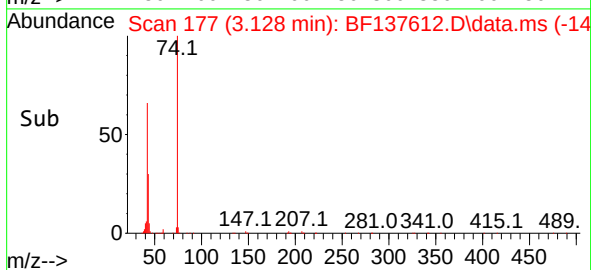
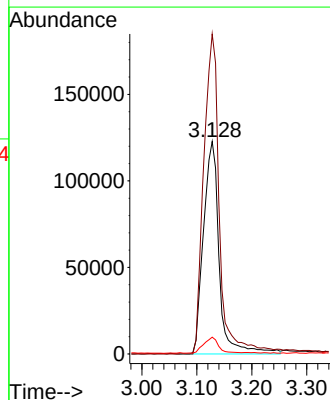
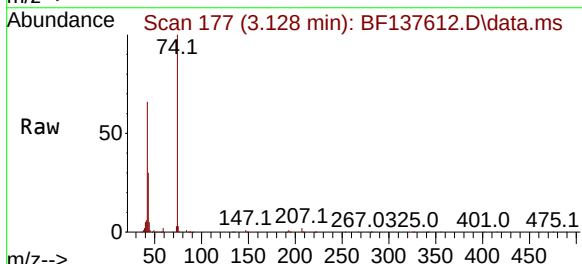
Instrument :
BNA_F
ClientSampleId :
PB159613BS

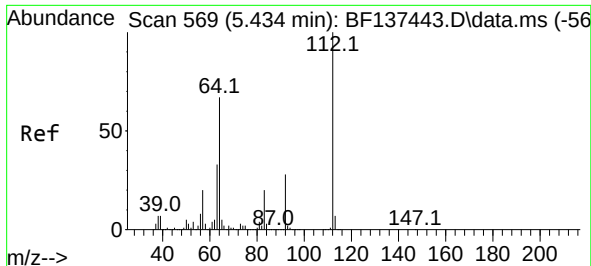
Tgt Ion: 79 Resp: 515338
Ion Ratio Lower Upper
79 100
52 69.7 57.0 85.4
51 33.2 27.5 41.3



#4
n-Nitrosodimethylamine
Concen: 40.364 ng
RT: 3.128 min Scan# 177
Delta R.T. 0.088 min
Lab File: BF137612.D
Acq: 15 Mar 2024 16:33

Tgt Ion: 42 Resp: 244662
Ion Ratio Lower Upper
42 100
74 150.6 114.0 171.0
44 7.9 7.0 10.4

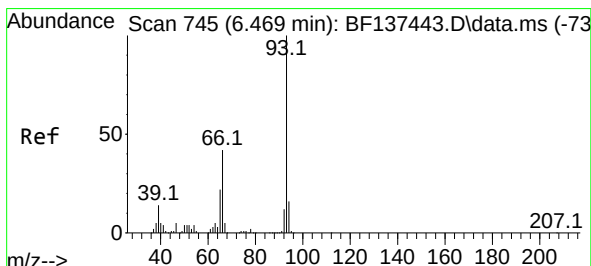
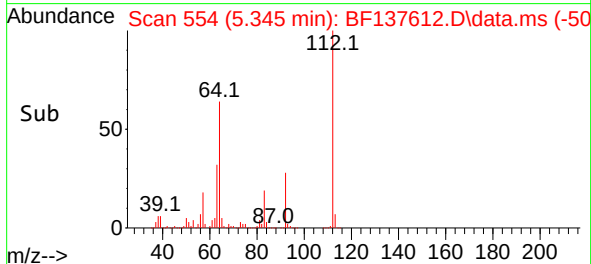
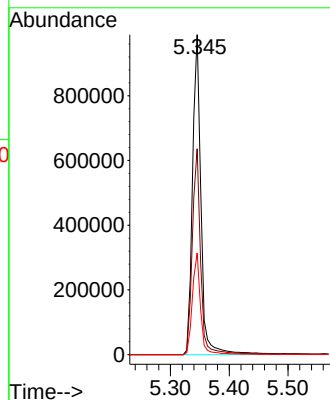
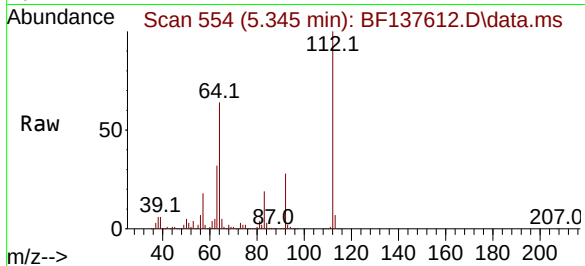




#5
2-Fluorophenol
Concen: 86.315 ng
RT: 5.345 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF137612.D
Acq: 15 Mar 2024 16:33

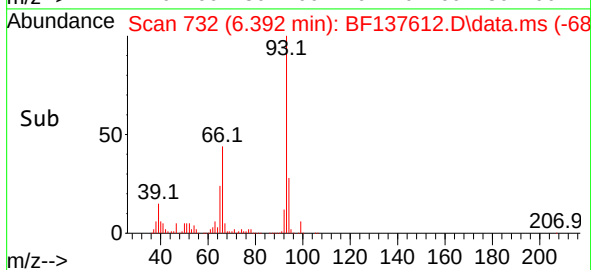
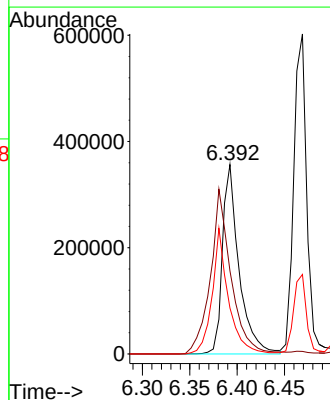
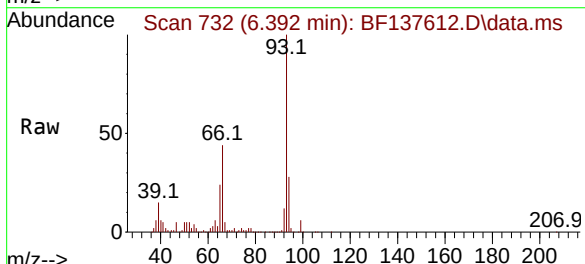
Instrument :
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ClientSampleId :
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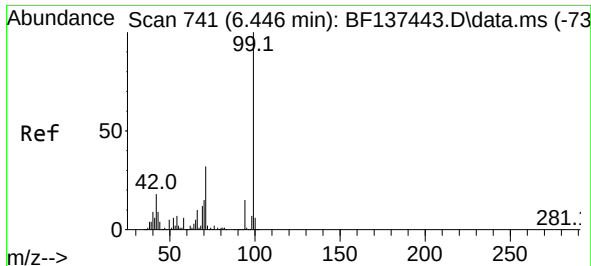
Tgt Ion:112 Resp: 995643
Ion Ratio Lower Upper
112 100
64 64.4 53.4 80.2
63 31.7 26.2 39.2



#6
Aniline
Concen: 21.392 ng
RT: 6.392 min Scan# 732
Delta R.T. -0.000 min
Lab File: BF137612.D
Acq: 15 Mar 2024 16:33

Tgt Ion: 93 Resp: 435225
Ion Ratio Lower Upper
93 100
66 43.9 34.0 51.0
65 24.3 17.8 26.8





#7

Phenol-d6

Concen: 80.536 ng

RT: 6.369 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF137612.D

Acq: 15 Mar 2024 16:33

Instrument :

BNA_F

ClientSampleId :

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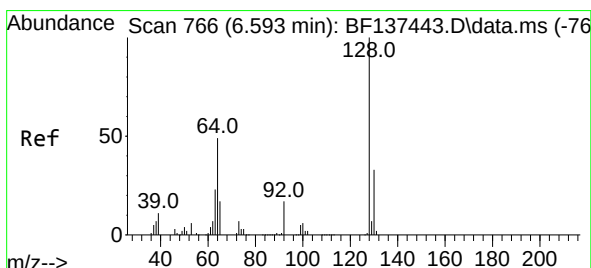
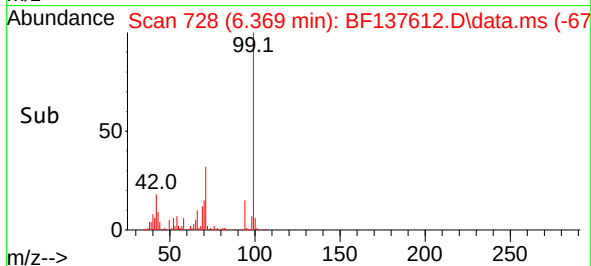
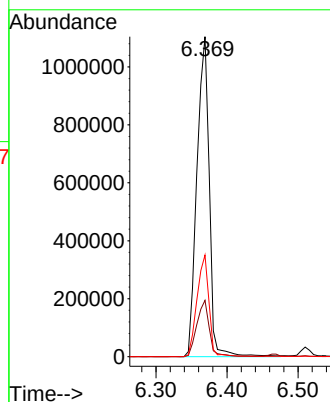
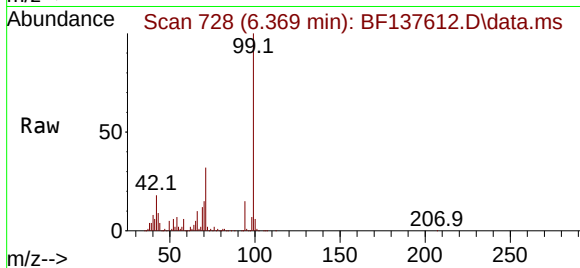
Tgt Ion: 99 Resp: 1340961

Ion Ratio Lower Upper

99 100

42 17.6 14.6 21.8

71 31.8 25.3 37.9



#8

2-Chlorophenol

Concen: 45.811 ng

RT: 6.510 min Scan# 752

Delta R.T. -0.000 min

Lab File: BF137612.D

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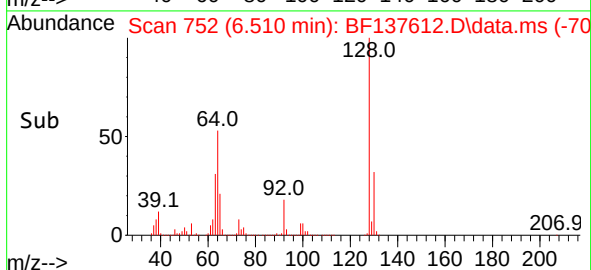
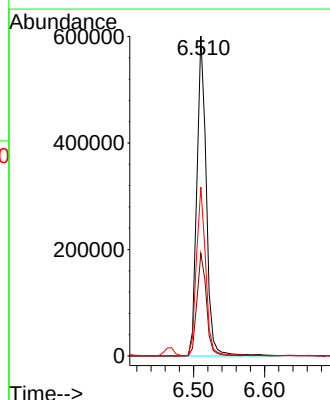
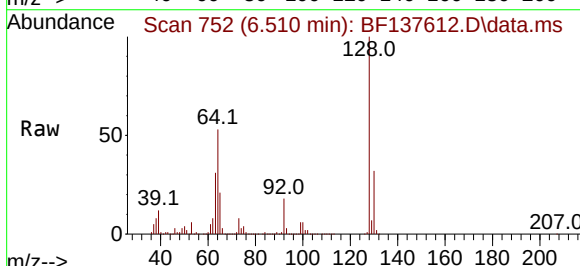
Tgt Ion:128 Resp: 557361

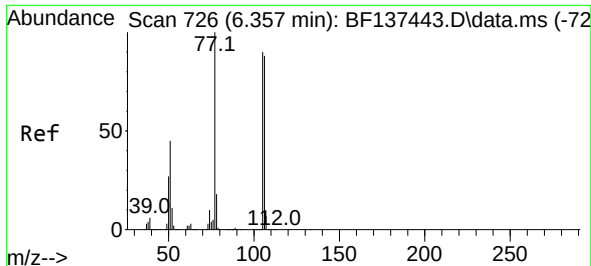
Ion Ratio Lower Upper

128 100

130 32.1 13.4 53.4

64 52.8 30.0 70.0





#9

Benzaldehyde

Concen: 15.060 ng

RT: 6.275 min Scan# 712

Delta R.T. -0.006 min

Lab File: BF137612.D

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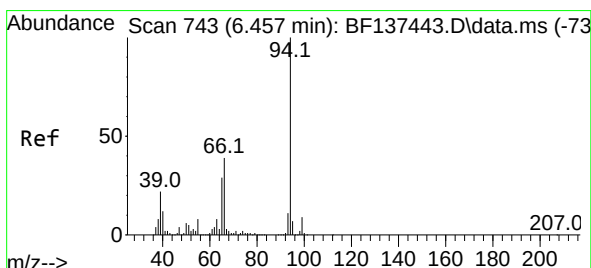
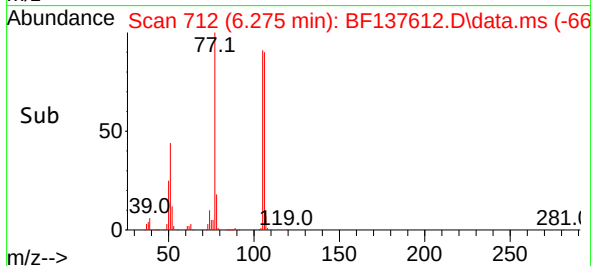
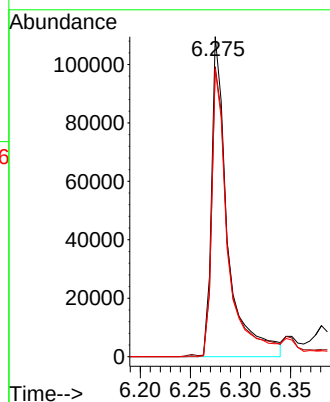
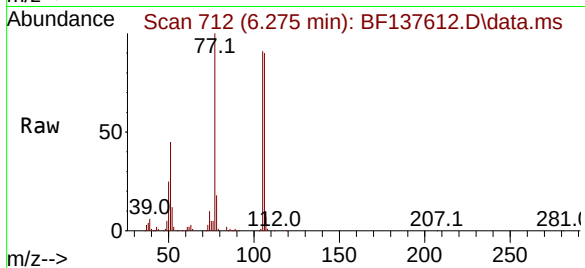
Tgt Ion: 77 Resp: 122849

Ion Ratio Lower Upper

77 100

105 90.6 69.8 109.8

106 90.0 67.8 107.8



#10

Phenol

Concen: 41.956 ng

RT: 6.381 min Scan# 730

Delta R.T. -0.000 min

Lab File: BF137612.D

Acq: 15 Mar 2024 16:33

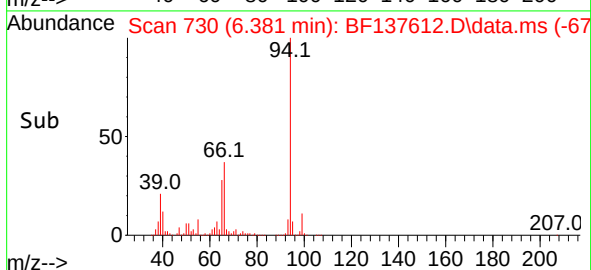
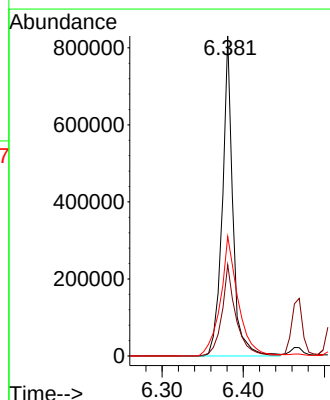
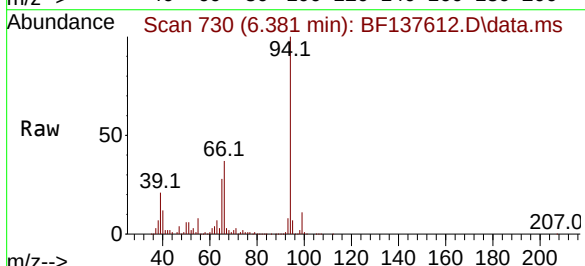
Tgt Ion: 94 Resp: 751908

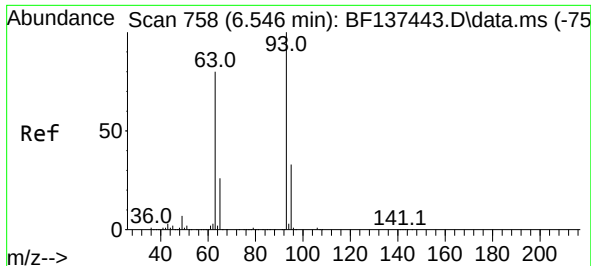
Ion Ratio Lower Upper

94 100

65 28.5 8.7 48.7

66 37.4 18.6 58.6

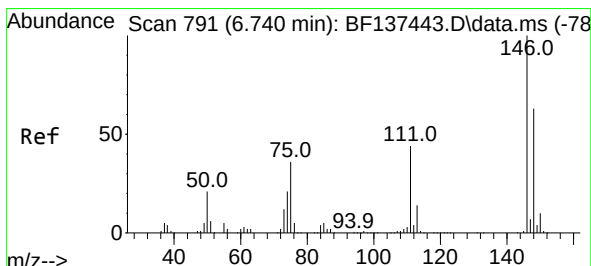
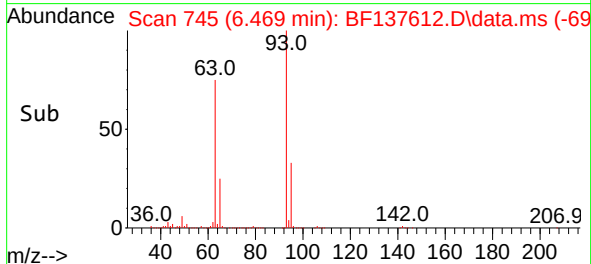
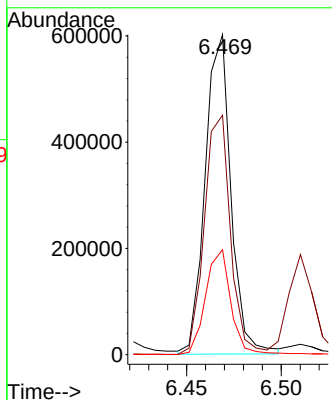
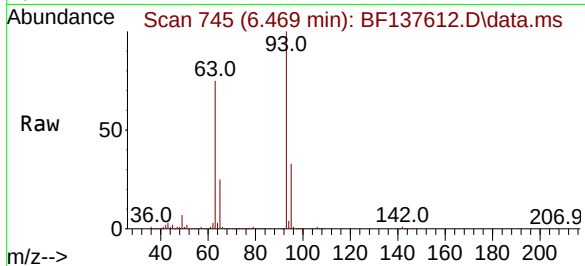




#11
bis(2-Chloroethyl)ether
Concen: 43.434 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF137612.D
Acq: 15 Mar 2024 16:33

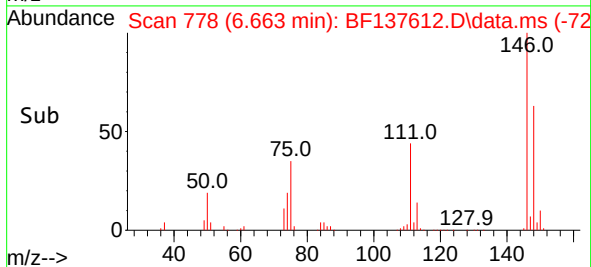
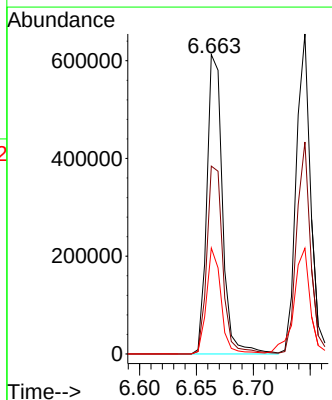
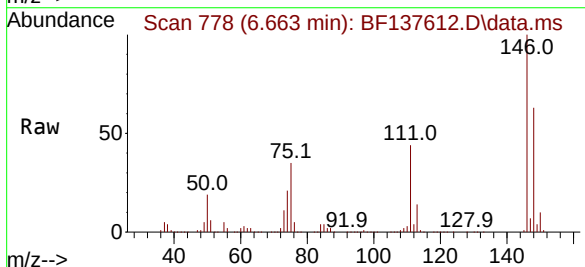
Instrument :
BNA_F
ClientSampleId :
PB159613BS

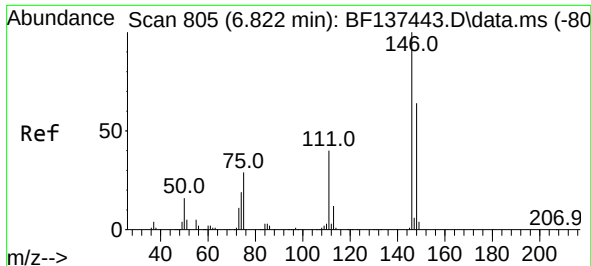
Tgt Ion: 93 Resp: 570401
Ion Ratio Lower Upper
93 100
63 74.9 58.9 98.9
95 32.8 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 45.043 ng
RT: 6.663 min Scan# 778
Delta R.T. -0.006 min
Lab File: BF137612.D
Acq: 15 Mar 2024 16:33

Tgt Ion:146 Resp: 585591
Ion Ratio Lower Upper
146 100
148 62.7 50.3 75.5
75 35.4 29.0 43.4

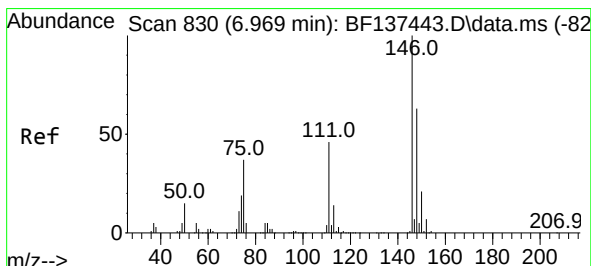
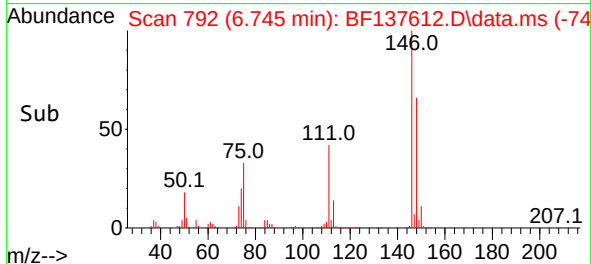
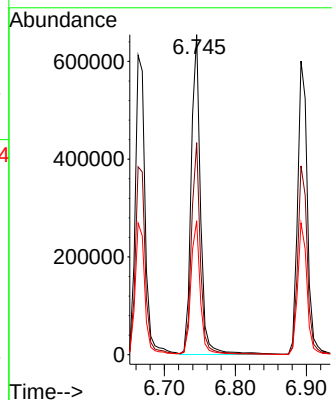
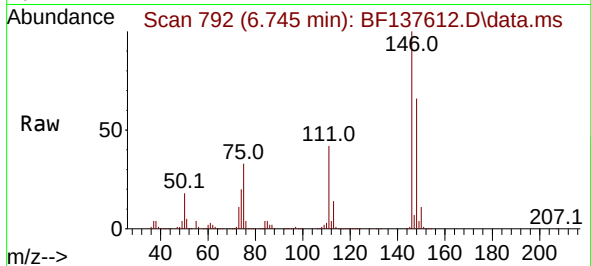




#13
1,4-Dichlorobenzene
Concen: 44.851 ng
RT: 6.745 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF137612.D
Acq: 15 Mar 2024 16:33

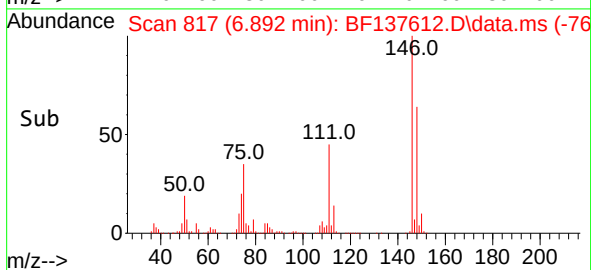
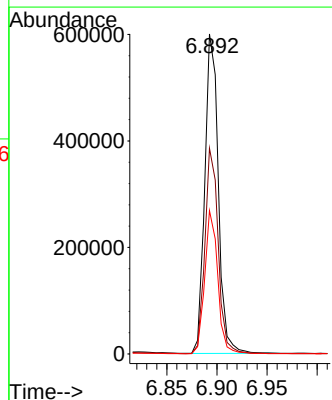
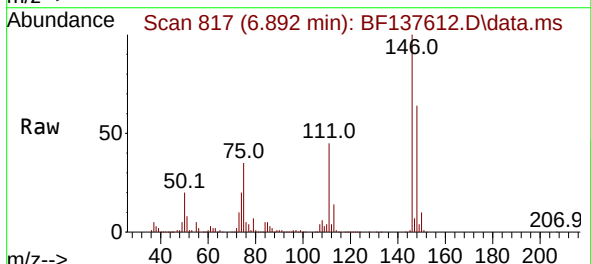
Instrument :
BNA_F
ClientSampleId :
PB159613BS

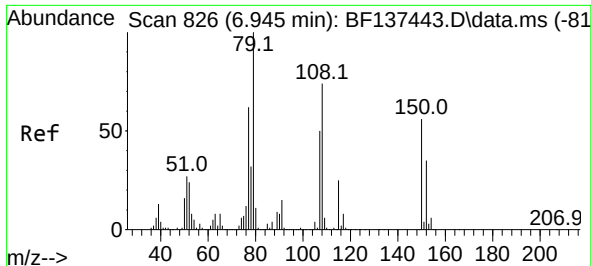
Tgt Ion:146 Resp: 596601
Ion Ratio Lower Upper
146 100
148 66.2 51.2 76.8
111 41.9 32.4 48.6



#14
1,2-Dichlorobenzene
Concen: 46.401 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF137612.D
Acq: 15 Mar 2024 16:33

Tgt Ion:146 Resp: 566523
Ion Ratio Lower Upper
146 100
148 64.3 50.0 75.0
111 44.8 36.8 55.2

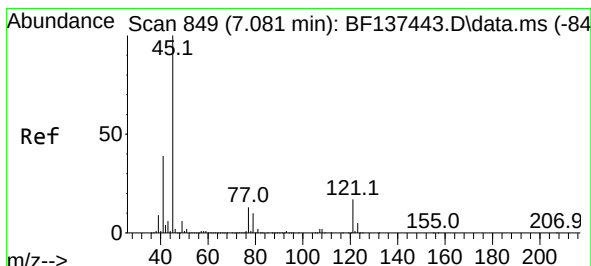
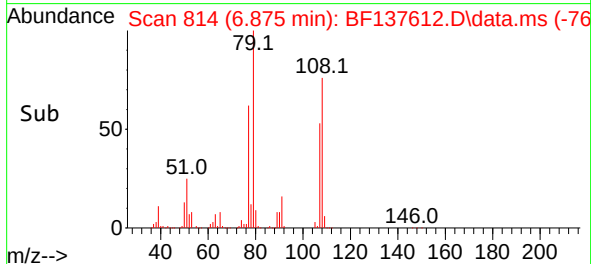
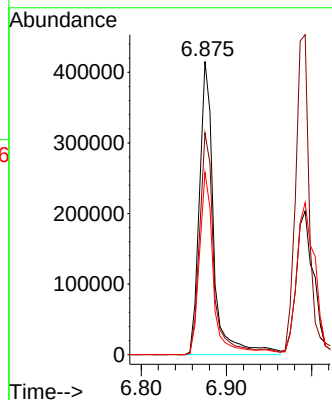
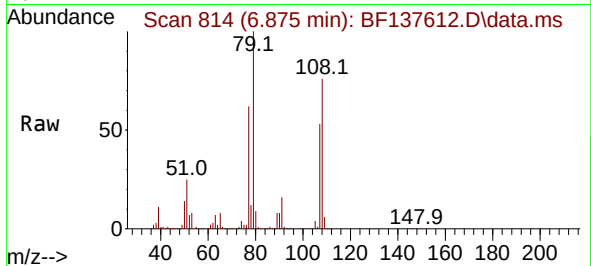




#15
Benzyl Alcohol
Concen: 46.669 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF137612.D
Acq: 15 Mar 2024 16:33

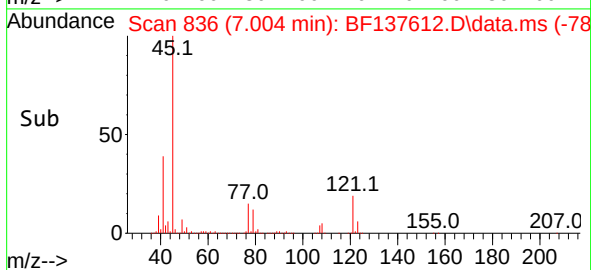
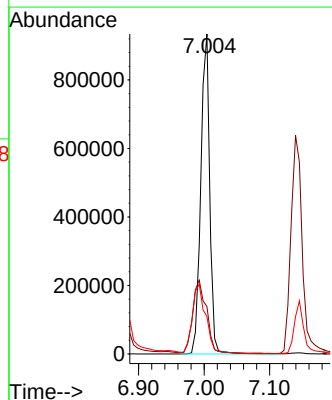
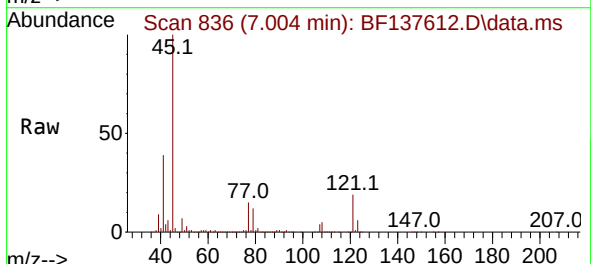
Instrument :
BNA_F
ClientSampleId :
PB159613BS

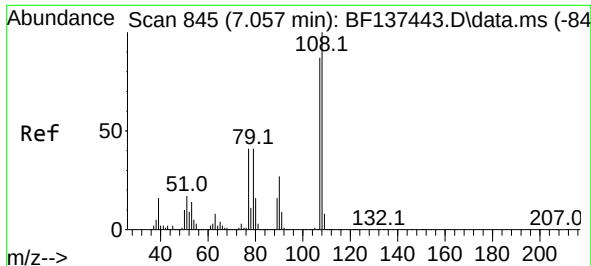
Tgt Ion: 79 Resp: 483762
Ion Ratio Lower Upper
79 100
108 75.6 59.5 89.3
77 62.1 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.212 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.000 min
Lab File: BF137612.D
Acq: 15 Mar 2024 16:33

Tgt Ion: 45 Resp: 885184
Ion Ratio Lower Upper
45 100
77 14.9 0.0 33.4
79 11.7 0.0 30.9





#17

2-Methylphenol

Concen: 39.535 ng

RT: 6.992 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF137612.D

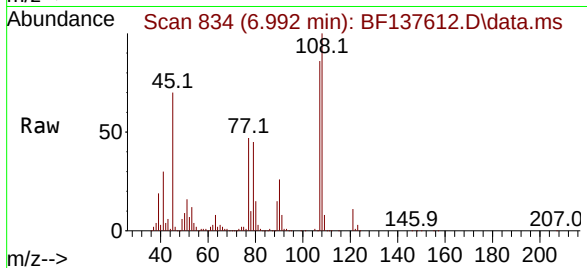
Acq: 15 Mar 2024 16:33

Instrument :

BNA_F

ClientSampleId :

PB159613BS



Tgt Ion:107 Resp: 450083

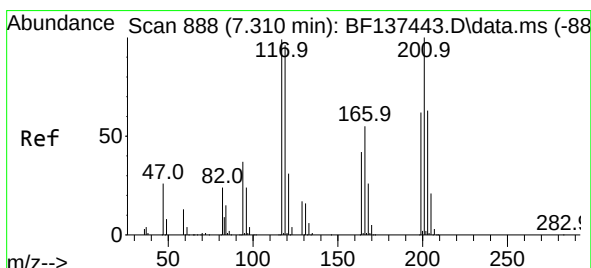
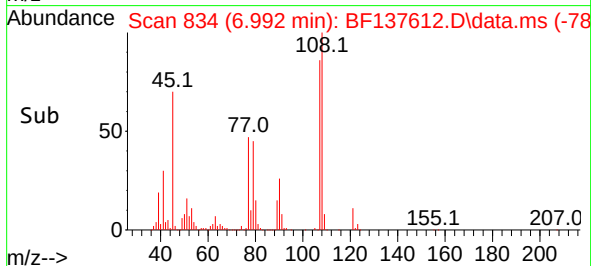
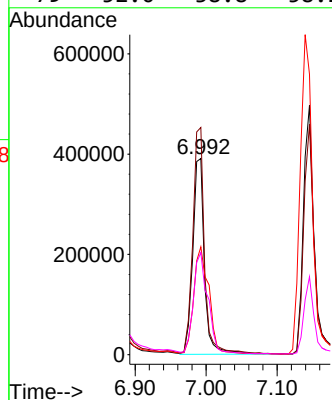
Ion Ratio Lower Upper

107 100

108 115.9 92.2 138.4

77 55.0 38.6 57.8

79 52.0 38.8 58.2



#18

Hexachloroethane

Concen: 47.404 ng

RT: 7.234 min Scan# 875

Delta R.T. -0.000 min

Lab File: BF137612.D

Acq: 15 Mar 2024 16:33

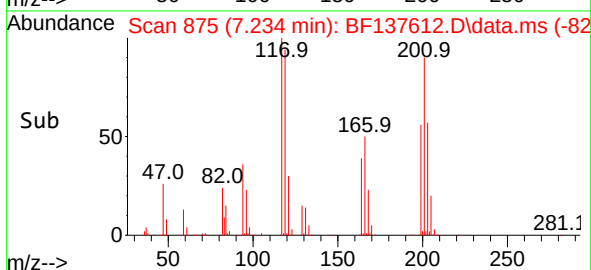
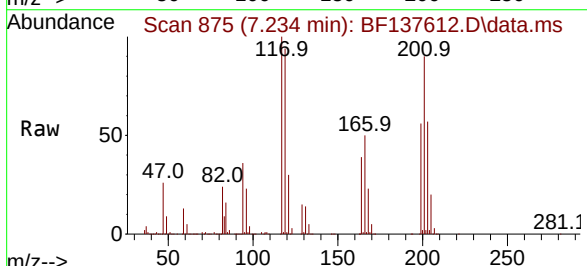
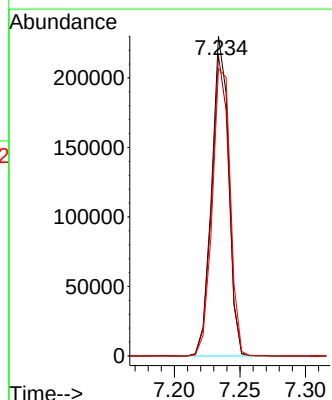
Tgt Ion:117 Resp: 207624

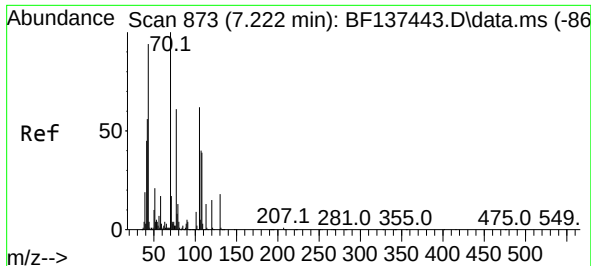
Ion Ratio Lower Upper

117 100

119 93.9 77.5 116.3

201 89.8 80.6 121.0



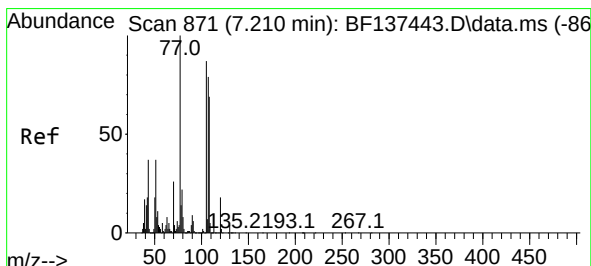
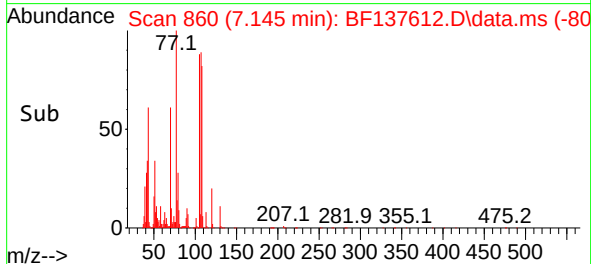
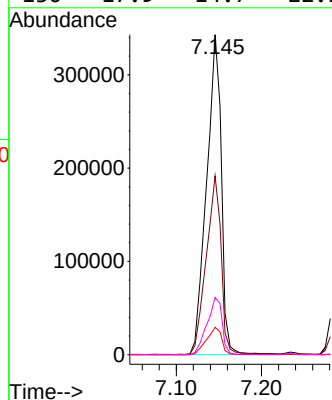
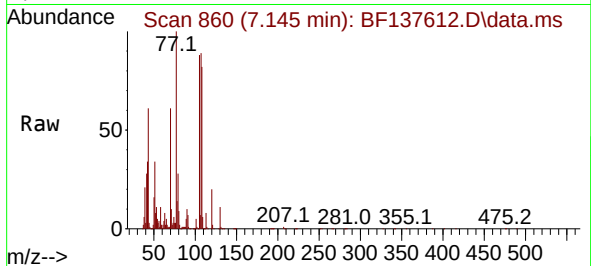


#19
n-Nitroso-di-n-propylamine
Concen: 40.182 ng
RT: 7.145 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF137612.D
Acq: 15 Mar 2024 16:33

Instrument :
BNA_F
ClientSampleId :
PB159613BS

Tgt Ion: 70 Resp: 413146

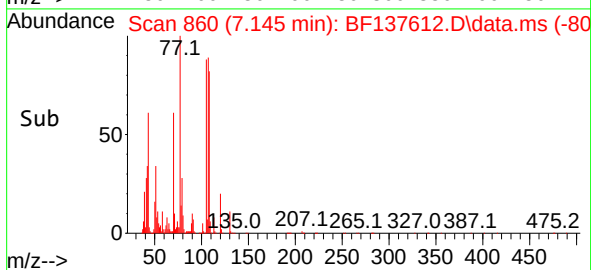
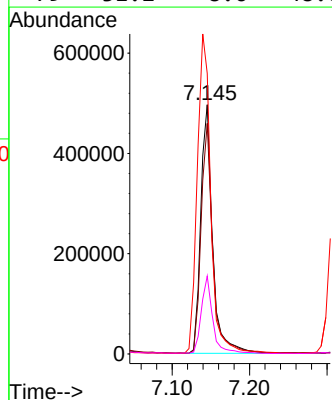
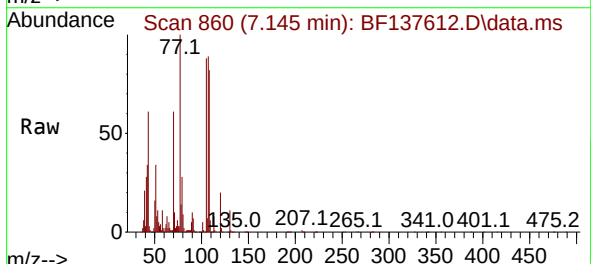
Ion	Ratio	Lower	Upper
70	100		
42	55.9	45.2	67.8
101	8.6	7.3	10.9
130	17.9	14.7	22.1

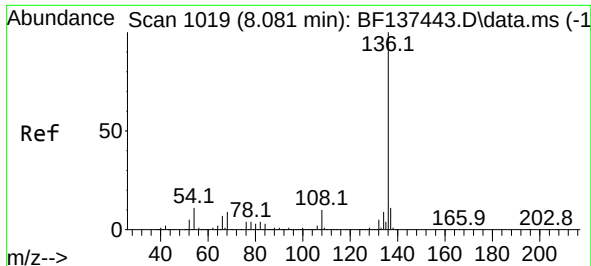


#20
3+4-Methylphenols
Concen: 40.365 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF137612.D
Acq: 15 Mar 2024 16:33

Tgt Ion: 107 Resp: 526306

Ion	Ratio	Lower	Upper
107	100		
108	92.5	67.6	107.6
77	112.5	107.1	147.1
79	31.2	8.6	48.6

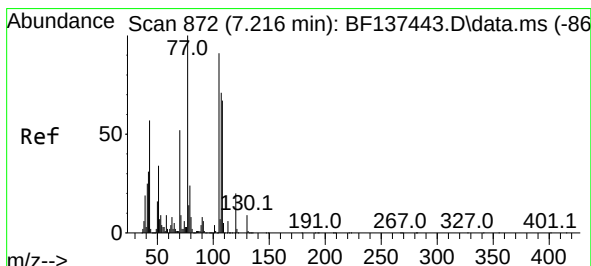
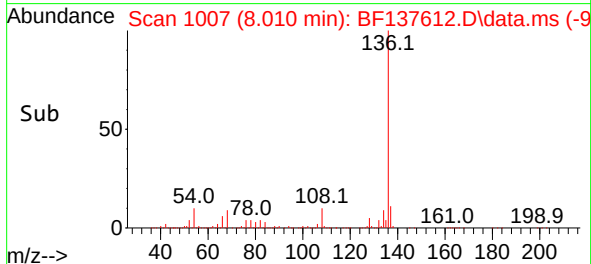
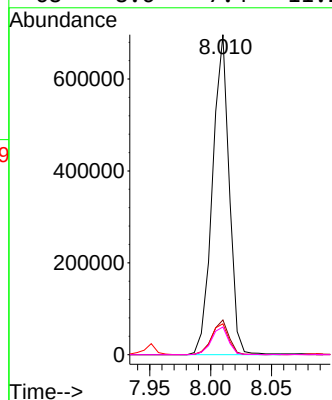
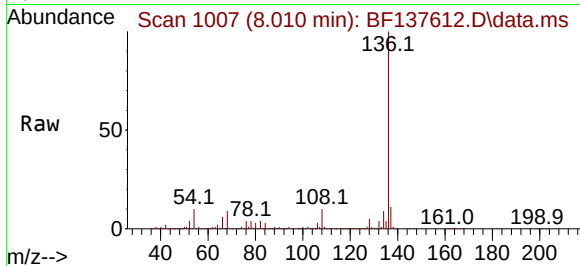




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF137612.D
Acq: 15 Mar 2024 16:33

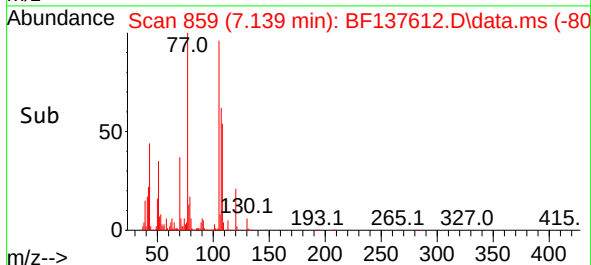
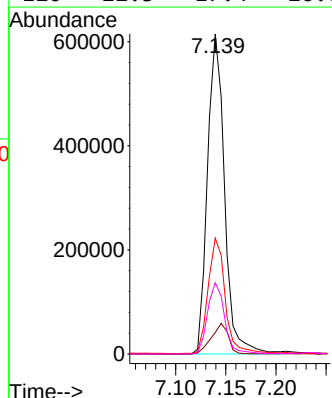
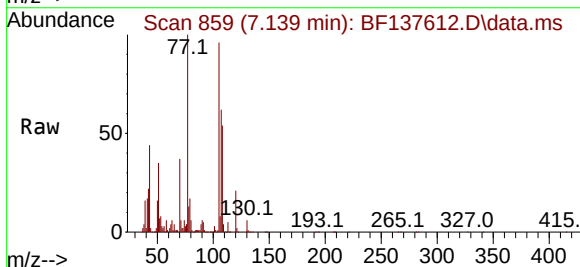
Instrument :
BNA_F
ClientSampleId :
PB159613BS

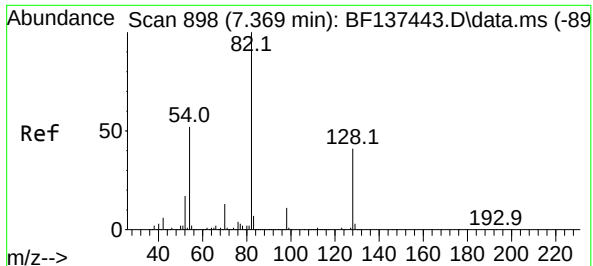
Tgt Ion:136 Resp: 662837
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 9.6 8.5 12.7
68 8.6 7.4 11.2



#22
Acetophenone
Concen: 45.559 ng
RT: 7.139 min Scan# 859
Delta R.T. -0.000 min
Lab File: BF137612.D
Acq: 15 Mar 2024 16:33

Tgt Ion:105 Resp: 730654
Ion Ratio Lower Upper
105 100
71 6.7 7.7 11.5#
51 36.2 30.4 45.6
120 22.3 17.4 26.0





#23

Nitrobenzene-d5

Concen: 82.188 ng

RT: 7.298 min Scan# 886

Delta R.T. -0.000 min

Lab File: BF137612.D

Acq: 15 Mar 2024 16:33

Instrument :

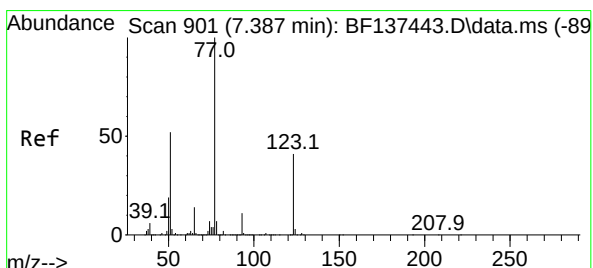
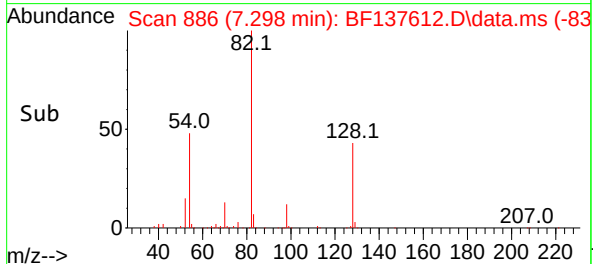
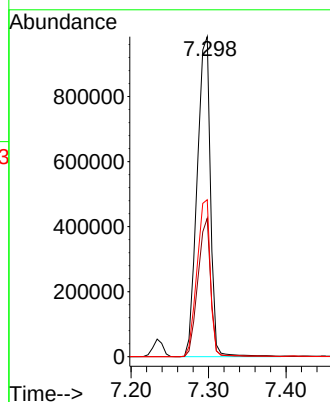
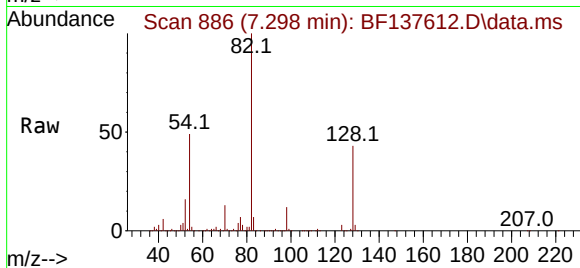
BNA_F

ClientSampleId :

PB159613BS

Tgt Ion: 82 Resp: 1172464

Ion	Ratio	Lower	Upper
82	100		
128	43.3	32.5	48.7
54	49.0	41.5	62.3



#24

Nitrobenzene

Concen: 43.356 ng

RT: 7.316 min Scan# 889

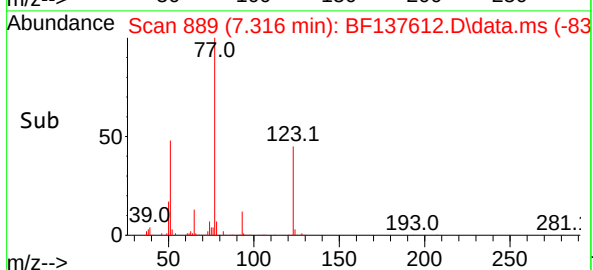
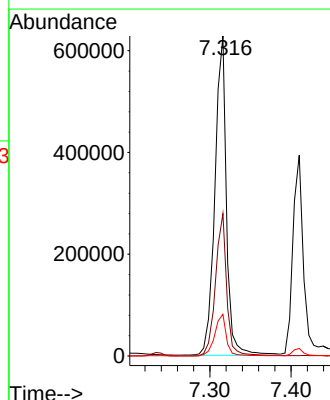
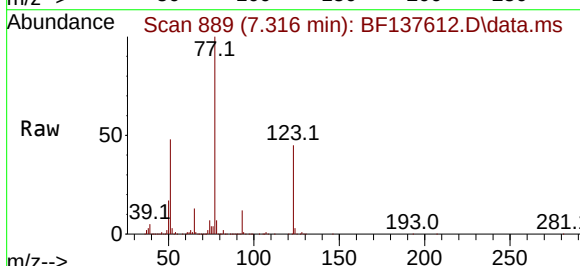
Delta R.T. -0.000 min

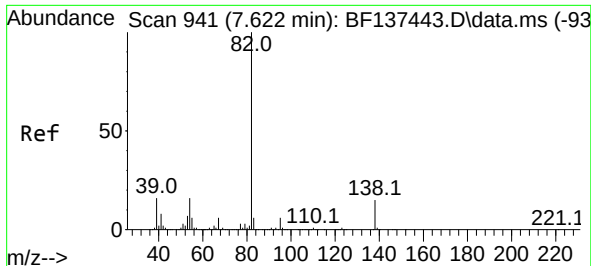
Lab File: BF137612.D

Acq: 15 Mar 2024 16:33

Tgt Ion: 77 Resp: 621312

Ion	Ratio	Lower	Upper
77	100		
123	44.5	33.0	49.6
65	13.0	10.9	16.3

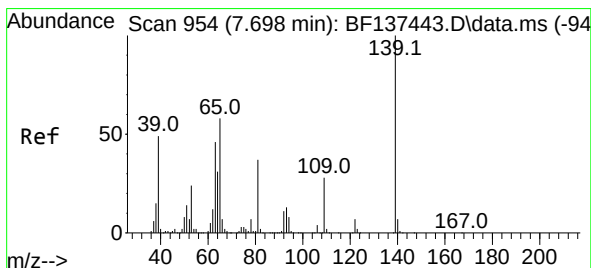
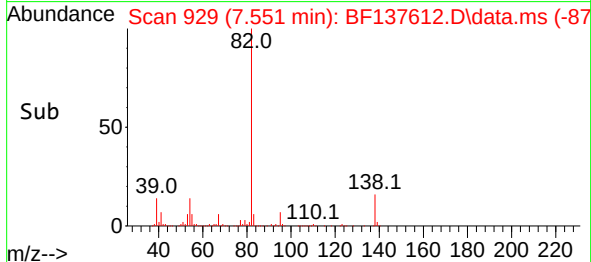
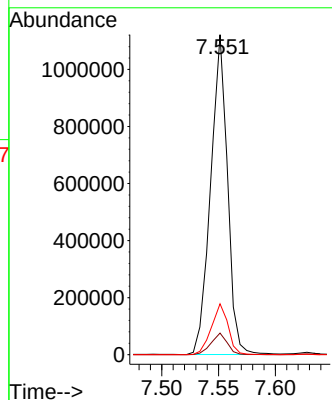
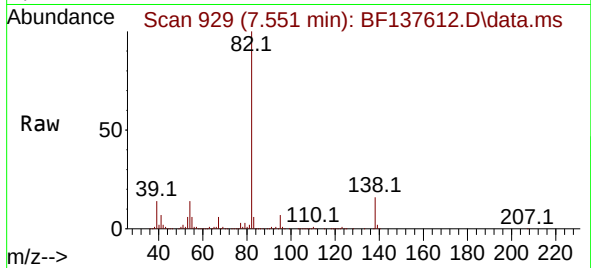




#25
Isophorone
Concen: 42.672 ng
RT: 7.551 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF137612.D
Acq: 15 Mar 2024 16:33

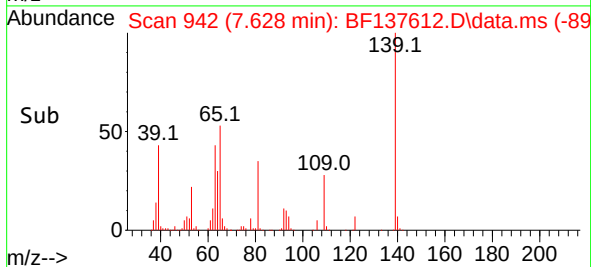
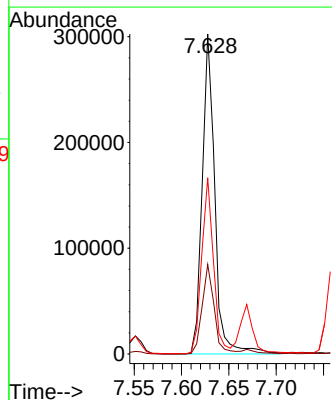
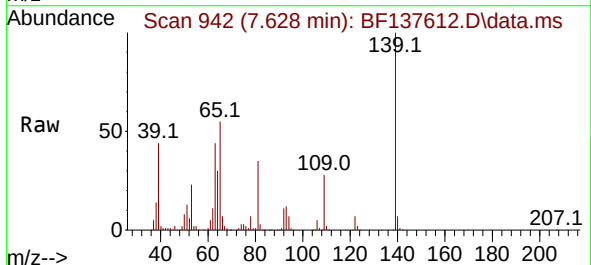
Instrument :
BNA_F
ClientSampleId :
PB159613BS

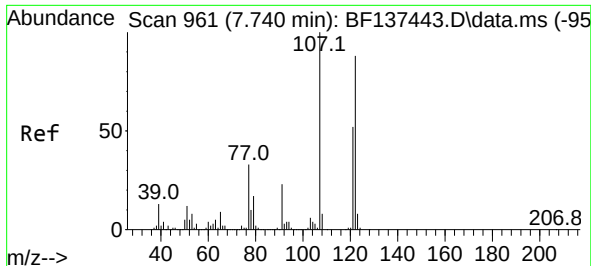
Tgt Ion: 82 Resp: 1156497
Ion Ratio Lower Upper
82 100
95 6.7 5.1 7.7
138 15.9 11.8 17.8



#26
2-Nitrophenol
Concen: 49.181 ng
RT: 7.628 min Scan# 942
Delta R.T. -0.000 min
Lab File: BF137612.D
Acq: 15 Mar 2024 16:33

Tgt Ion:139 Resp: 279809
Ion Ratio Lower Upper
139 100
109 27.9 22.2 33.4
65 55.1 46.2 69.2





#27

2,4-Dimethylphenol

Concen: 36.593 ng

RT: 7.669 min Scan# 94

Delta R.T. -0.000 min

Lab File: BF137612.D

Acq: 15 Mar 2024 16:33

Instrument :

BNA_F

ClientSampleId :

PB159613BS

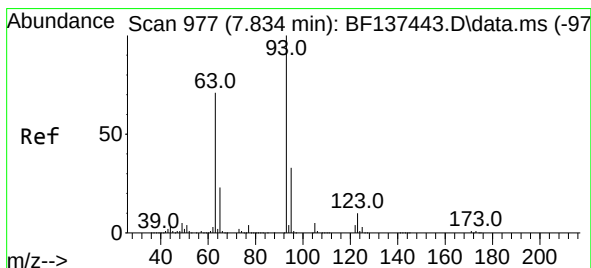
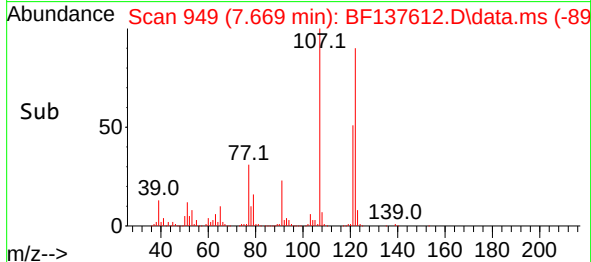
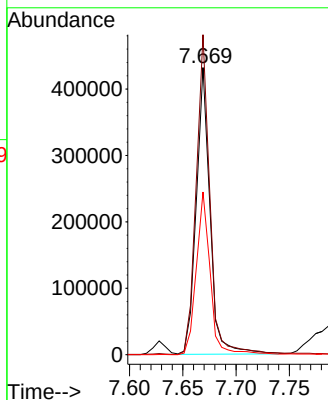
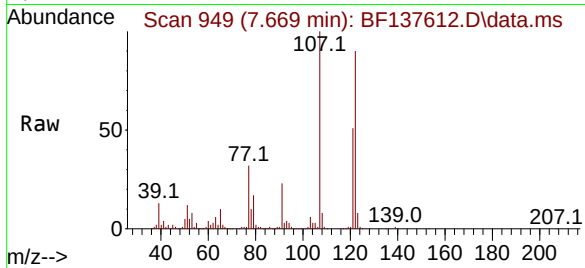
Tgt Ion:122 Resp: 389015

Ion Ratio Lower Upper

122 100

107 111.4 90.9 136.3

121 56.6 47.0 70.6



#28

bis(2-Chloroethoxy)methane

Concen: 43.825 ng

RT: 7.763 min Scan# 965

Delta R.T. -0.000 min

Lab File: BF137612.D

Acq: 15 Mar 2024 16:33

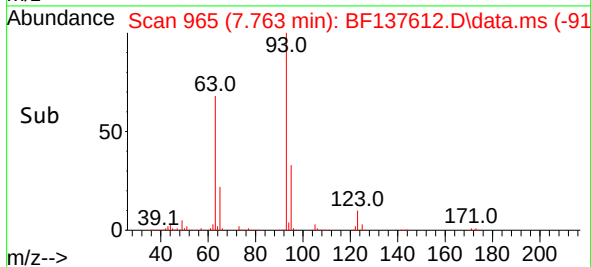
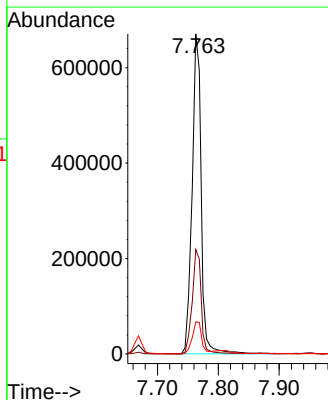
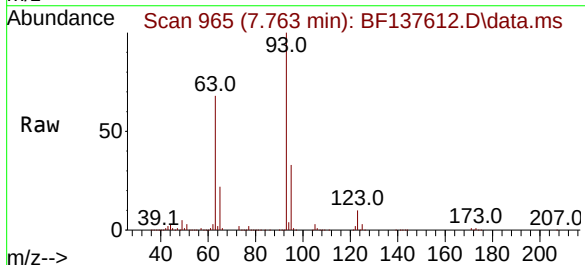
Tgt Ion: 93 Resp: 696885

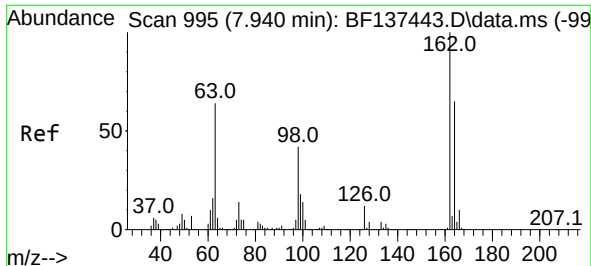
Ion Ratio Lower Upper

93 100

95 32.6 26.5 39.7

123 10.1 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 46.304 ng

RT: 7.869 min Scan# 995

Delta R.T. -0.000 min

Lab File: BF137612.D

Acq: 15 Mar 2024 16:33

Instrument :

BNA_F

ClientSampleId :

PB159613BS

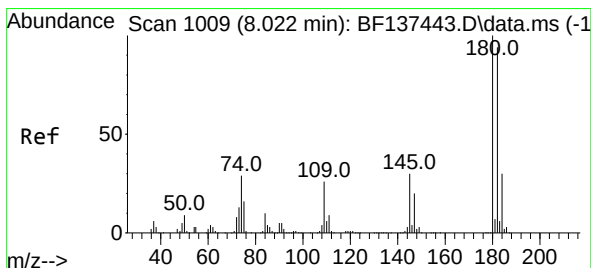
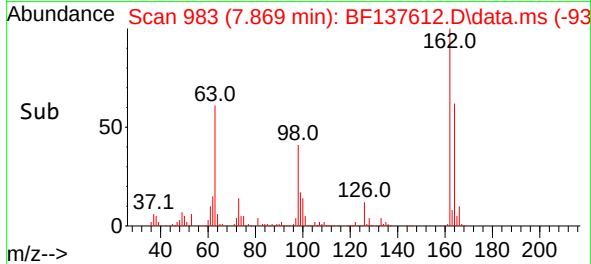
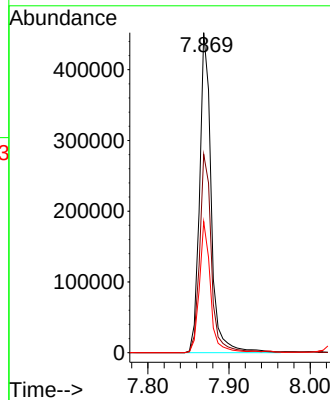
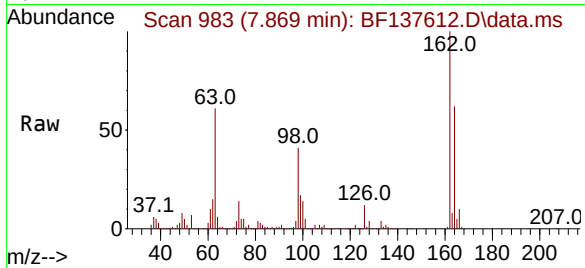
Tgt Ion:162 Resp: 451781

Ion Ratio Lower Upper

162 100

164 62.0 44.7 84.7

98 41.0 22.0 62.0



#30

1,2,4-Trichlorobenzene

Concen: 46.750 ng

RT: 7.951 min Scan# 997

Delta R.T. -0.000 min

Lab File: BF137612.D

Acq: 15 Mar 2024 16:33

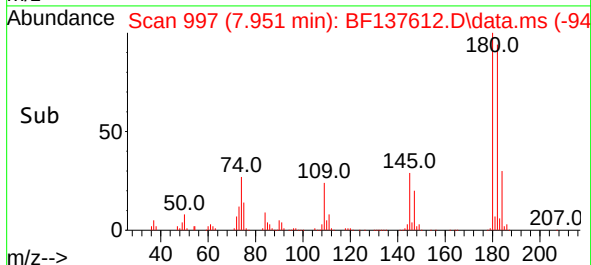
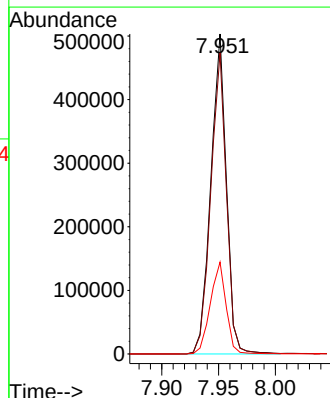
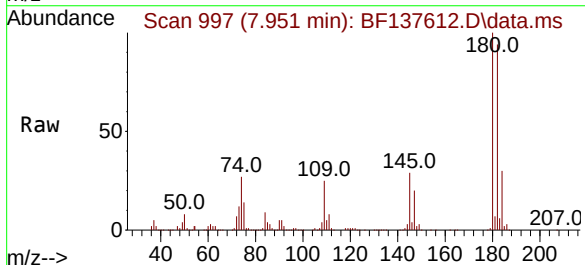
Tgt Ion:180 Resp: 479999

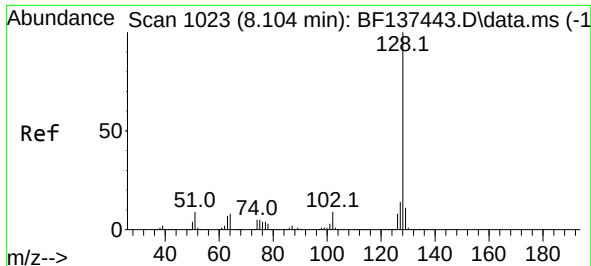
Ion Ratio Lower Upper

180 100

182 94.1 75.0 112.6

145 28.7 23.7 35.5

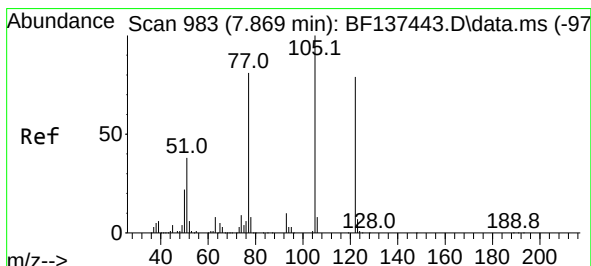
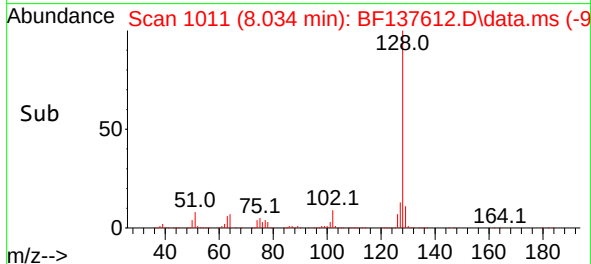
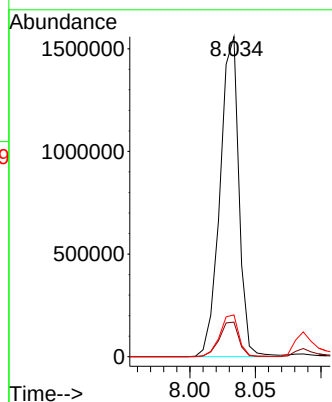
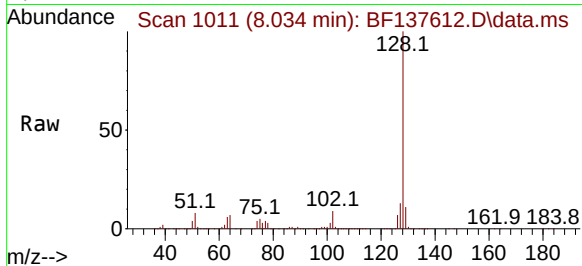




#31
Naphthalene
Concen: 43.906 ng
RT: 8.034 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF137612.D
Acq: 15 Mar 2024 16:33

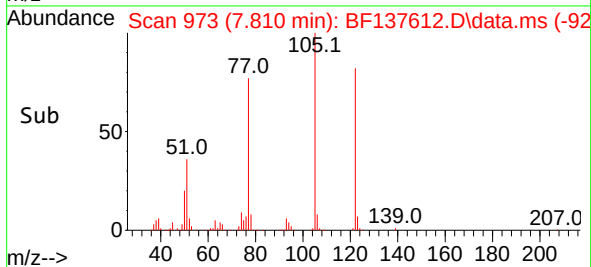
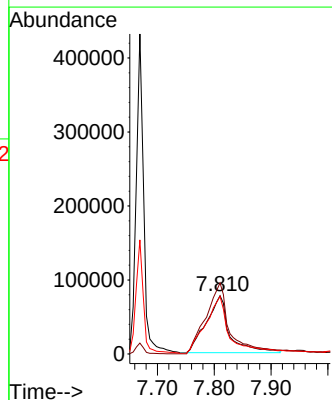
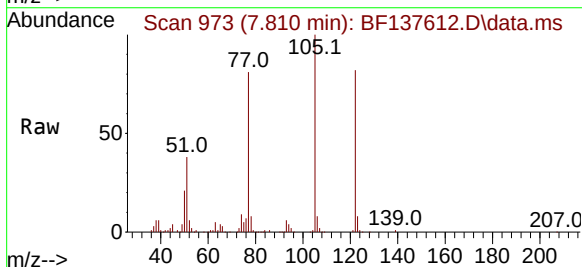
Instrument :
BNA_F
ClientSampleId :
PB159613BS

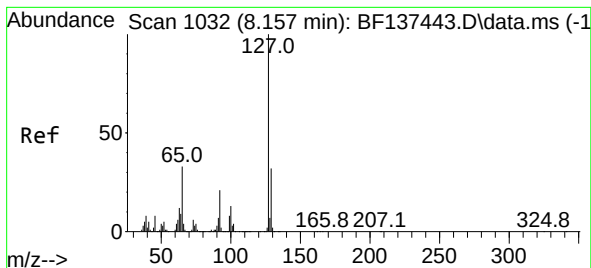
Tgt Ion:128 Resp: 1561468
Ion Ratio Lower Upper
128 100
129 10.8 9.2 13.8
127 13.1 10.8 16.2



#32
Benzoic acid
Concen: 37.251 ng
RT: 7.810 min Scan# 973
Delta R.T. 0.012 min
Lab File: BF137612.D
Acq: 15 Mar 2024 16:33

Tgt Ion:122 Resp: 218112
Ion Ratio Lower Upper
122 100
105 122.0 102.4 142.4
77 98.8 81.1 121.1





#33

4-Chloroaniline

Concen: 11.540 ng

RT: 8.086 min Scan# 1030

Delta R.T. -0.000 min

Lab File: BF137612.D

Acq: 15 Mar 2024 16:33

Instrument :

BNA_F

ClientSampleId :

PB159613BS

Tgt Ion:127 Resp: 160930

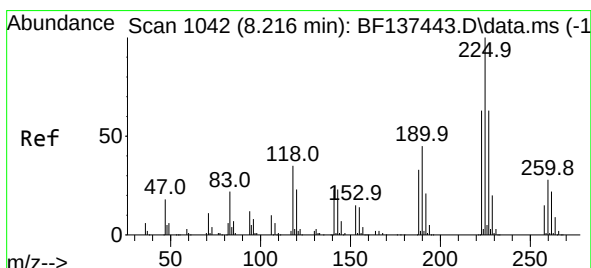
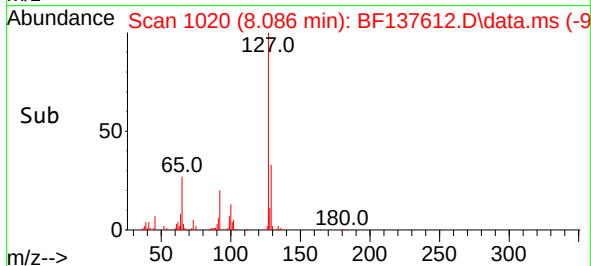
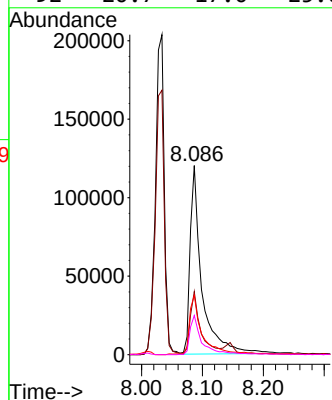
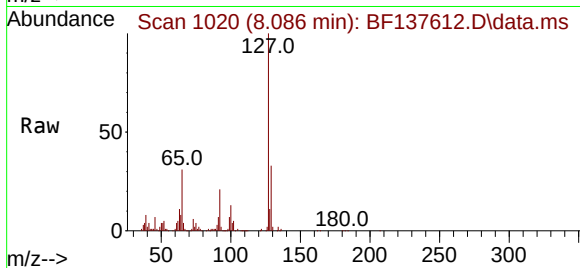
Ion Ratio Lower Upper

127 100

129 33.3 26.0 39.0

65 31.4 26.8 40.2

92 20.7 17.0 25.6



#34

Hexachlorobutadiene

Concen: 45.716 ng

RT: 8.145 min Scan# 1030

Delta R.T. -0.000 min

Lab File: BF137612.D

Acq: 15 Mar 2024 16:33

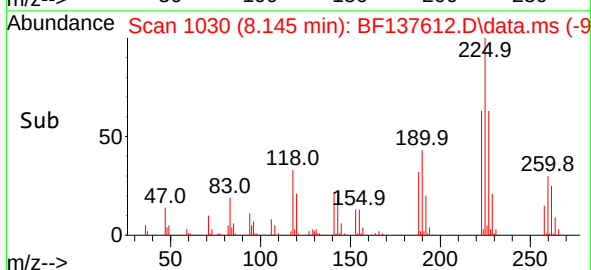
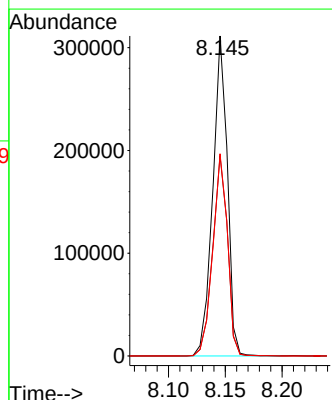
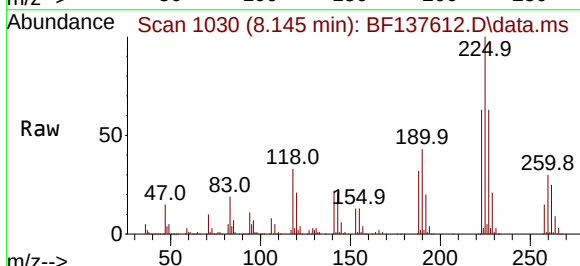
Tgt Ion:225 Resp: 277114

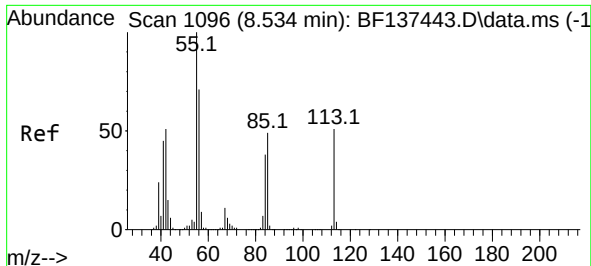
Ion Ratio Lower Upper

225 100

223 62.6 50.7 76.1

227 63.2 50.6 75.8

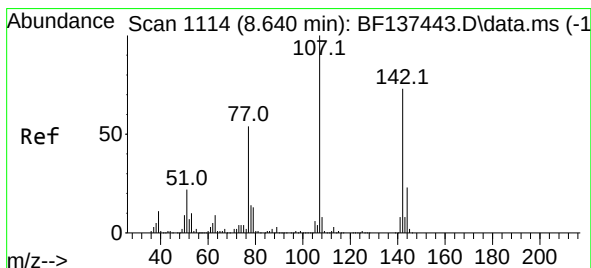
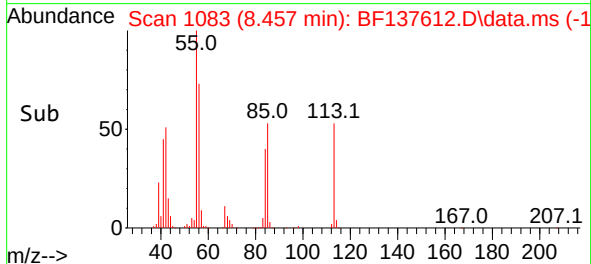
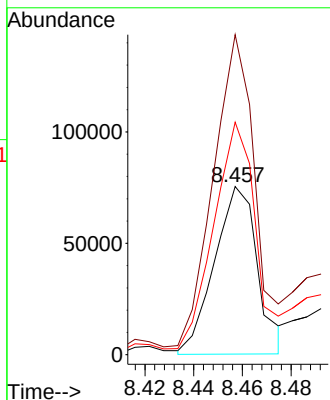
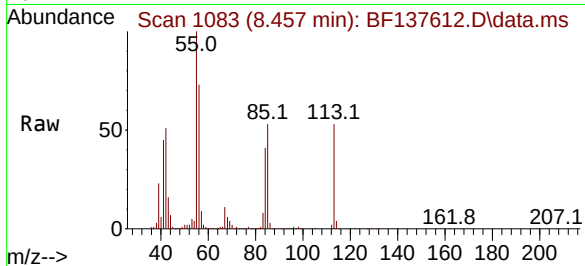




#35
 Caprolactam
 Concen: 27.950 ng
 RT: 8.457 min Scan# 1103
 Delta R.T. -0.000 min
 Lab File: BF137612.D
 Acq: 15 Mar 2024 16:33

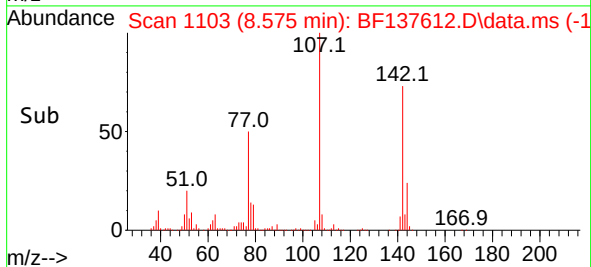
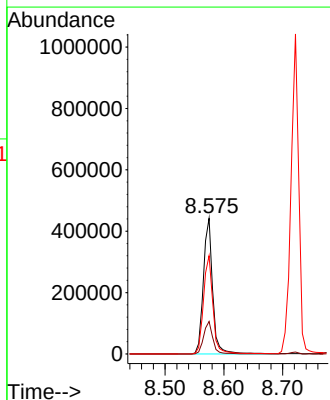
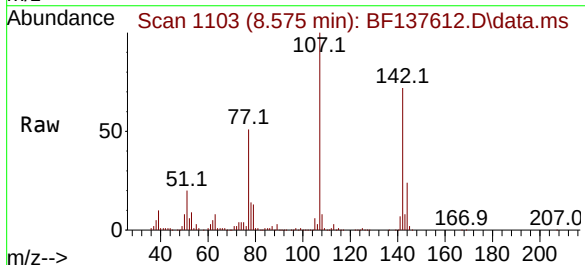
Instrument :
 BNA_F
 ClientSampleId :
 PB159613BS

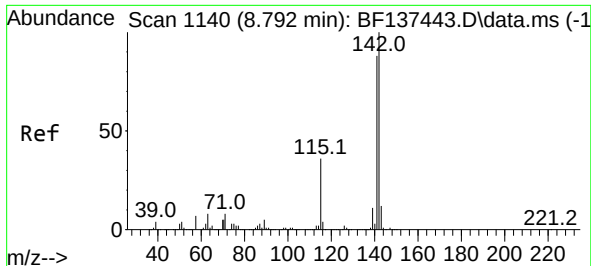
Tgt Ion:113 Resp: 92468
 Ion Ratio Lower Upper
 113 100
 55 190.2 176.7 216.7
 56 138.1 120.6 160.6



#36
 4-Chloro-3-methylphenol
 Concen: 44.318 ng
 RT: 8.575 min Scan# 1103
 Delta R.T. 0.006 min
 Lab File: BF137612.D
 Acq: 15 Mar 2024 16:33

Tgt Ion:107 Resp: 483331
 Ion Ratio Lower Upper
 107 100
 144 23.9 18.7 28.1
 142 72.5 58.2 87.2





#37

2-Methylnaphthalene

Concen: 42.268 ng

RT: 8.722 min Scan# 1140

Delta R.T. -0.000 min

Lab File: BF137612.D

Acq: 15 Mar 2024 16:33

Instrument :

BNA_F

ClientSampleId :

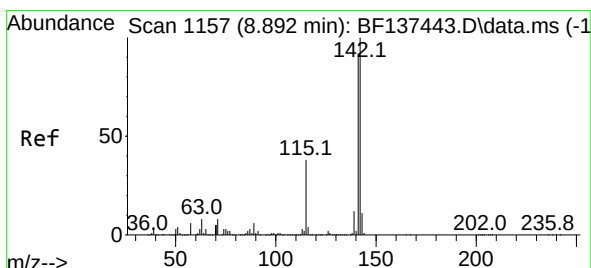
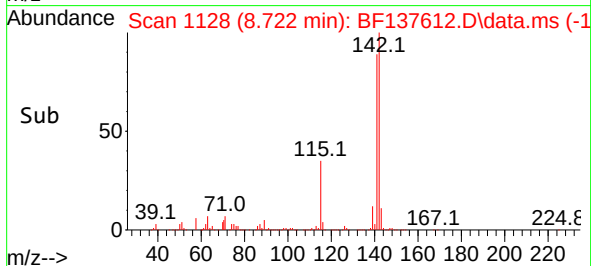
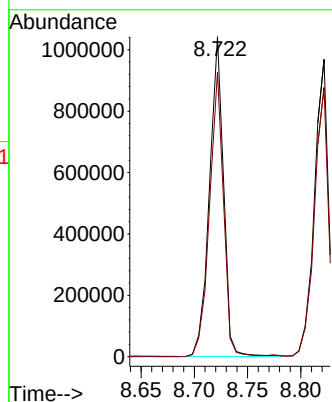
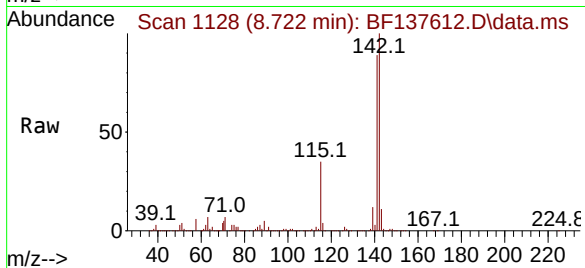
PB159613BS

Tgt Ion:142 Resp: 958288

Ion Ratio Lower Upper

142 100

141 88.9 70.4 105.6



#38

1-Methylnaphthalene

Concen: 41.930 ng

RT: 8.822 min Scan# 1145

Delta R.T. -0.000 min

Lab File: BF137612.D

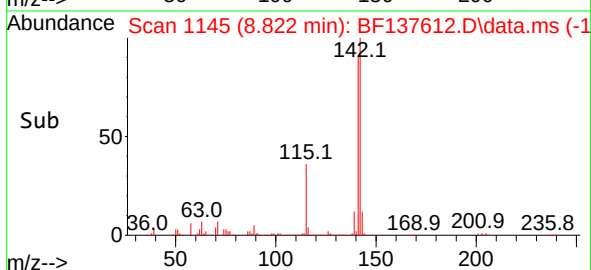
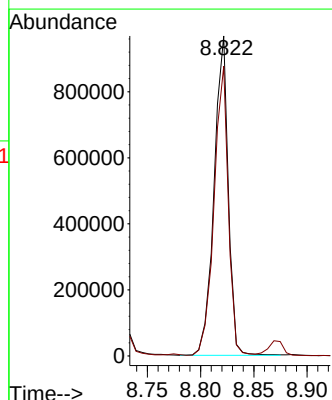
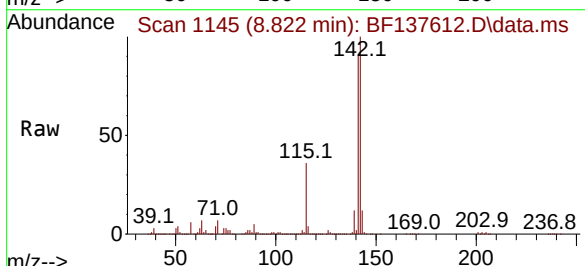
Acq: 15 Mar 2024 16:33

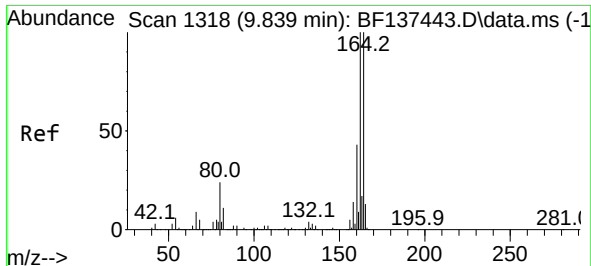
Tgt Ion:142 Resp: 895227

Ion Ratio Lower Upper

142 100

141 90.5 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: BF137612.D

Acq: 15 Mar 2024 16:33

Instrument :

BNA_F

ClientSampleId :

PB159613BS

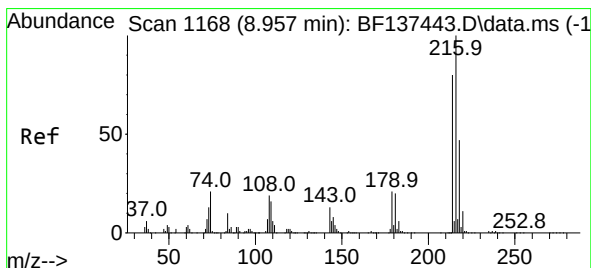
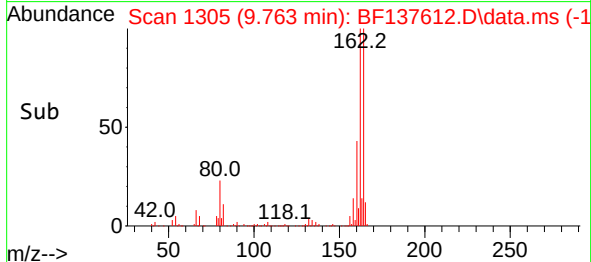
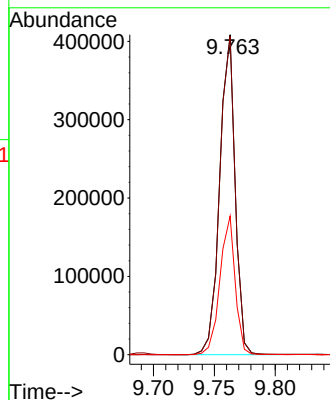
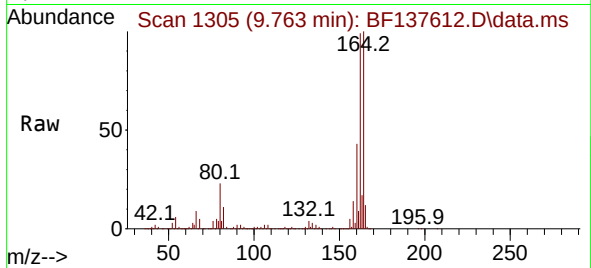
Tgt Ion:164 Resp: 361357

Ion Ratio Lower Upper

164 100

162 99.5 79.8 119.8

160 43.3 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.737 ng

RT: 8.886 min Scan# 1156

Delta R.T. -0.000 min

Lab File: BF137612.D

Acq: 15 Mar 2024 16:33

Tgt Ion:216 Resp: 471493

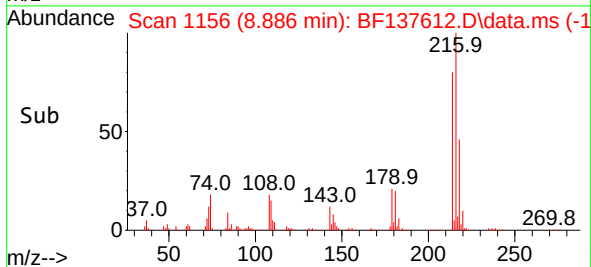
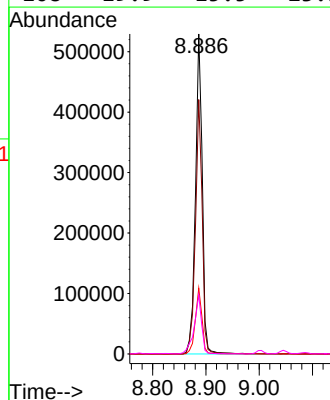
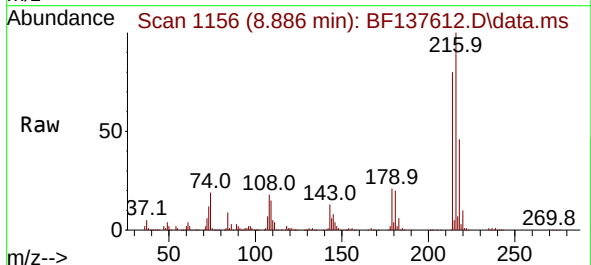
Ion Ratio Lower Upper

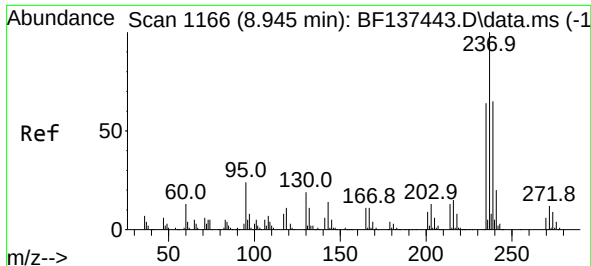
216 100

214 79.2 63.5 95.3

179 20.3 16.6 25.0

108 19.9 15.5 23.3

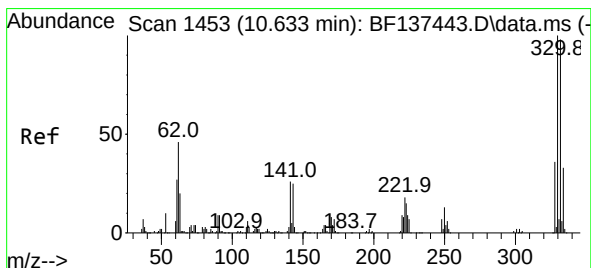
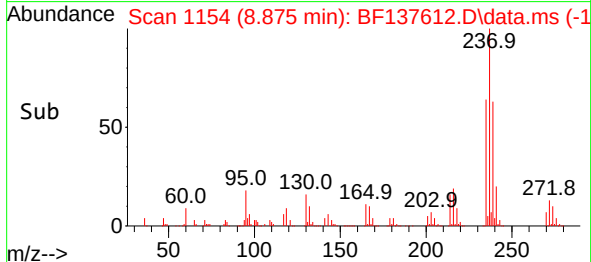
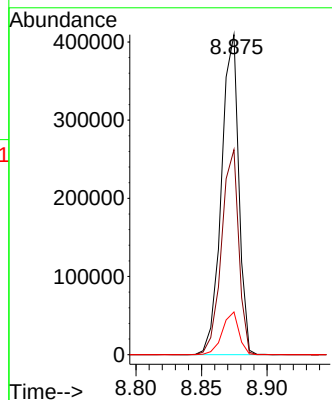
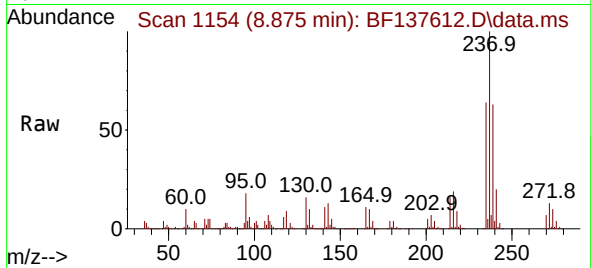




#41
Hexachlorocyclopentadiene
Concen: 90.090 ng
RT: 8.875 min Scan# 1166
Delta R.T. 0.006 min
Lab File: BF137612.D
Acq: 15 Mar 2024 16:33

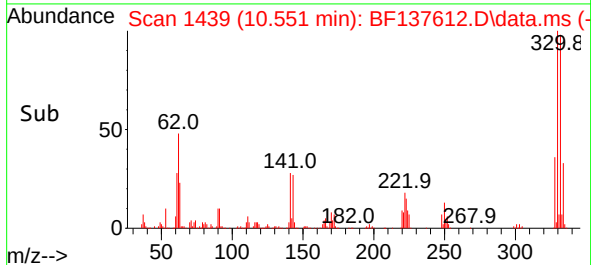
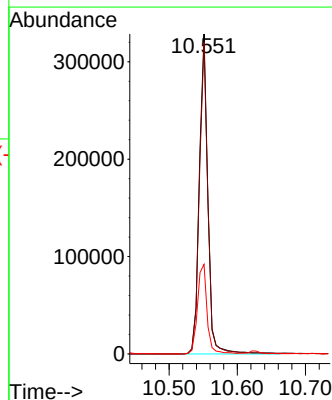
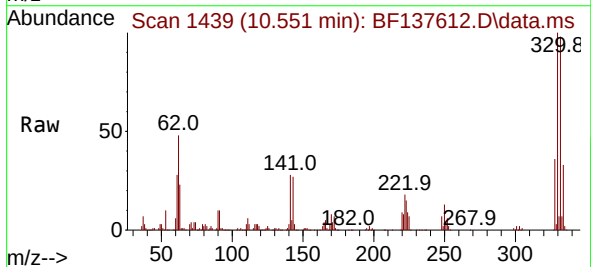
Instrument :
BNA_F
ClientSampleId :
PB159613BS

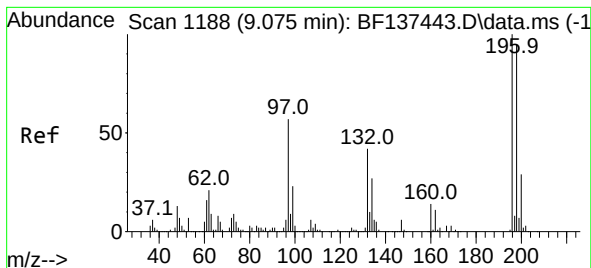
Tgt Ion:237 Resp: 375667
Ion Ratio Lower Upper
237 100
235 64.1 43.6 83.6
272 13.3 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 90.678 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF137612.D
Acq: 15 Mar 2024 16:33

Tgt Ion:330 Resp: 287751
Ion Ratio Lower Upper
330 100
332 97.1 78.0 117.0
141 31.4 27.3 40.9





#43

2,4,6-Trichlorophenol

Concen: 46.365 ng

RT: 9.004 min Scan# 1183

Delta R.T. 0.006 min

Lab File: BF137612.D

Acq: 15 Mar 2024 16:33

Instrument :

BNA_F

ClientSampleId :

PB159613BS

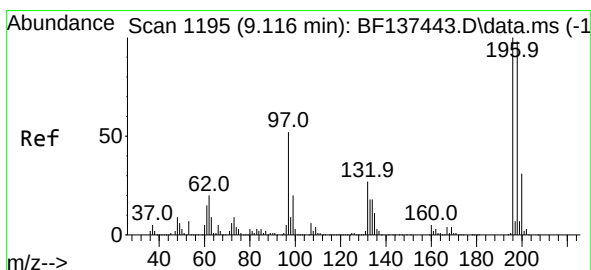
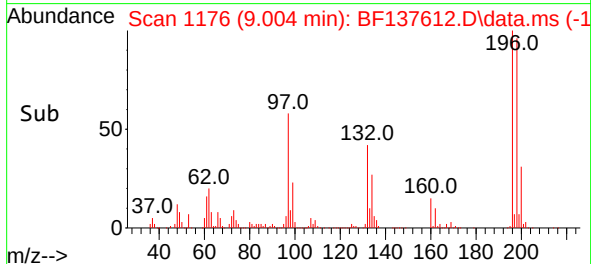
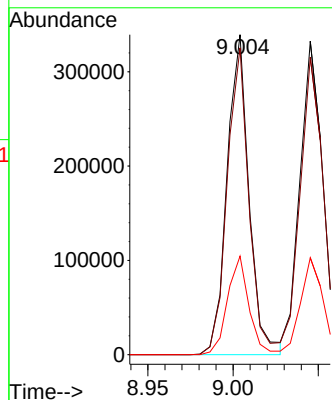
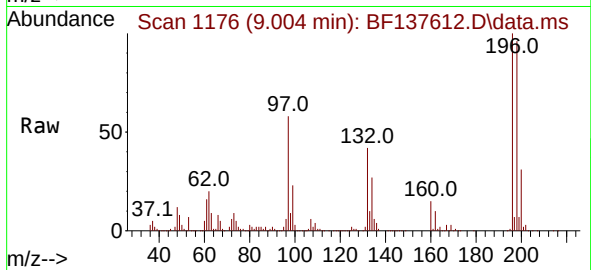
Tgt Ion:196 Resp: 304596

Ion Ratio Lower Upper

196 100

198 95.9 75.8 113.8

200 30.8 23.5 35.3



#44

2,4,5-Trichlorophenol

Concen: 41.489 ng

RT: 9.045 min Scan# 1183

Delta R.T. 0.006 min

Lab File: BF137612.D

Acq: 15 Mar 2024 16:33

Tgt Ion:196 Resp: 313978

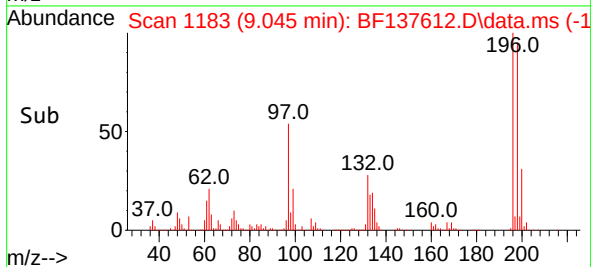
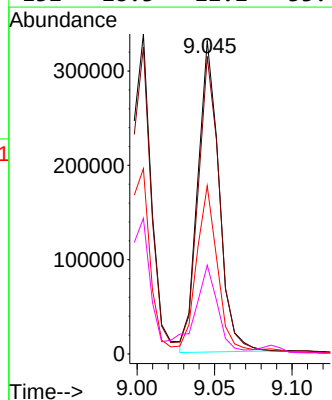
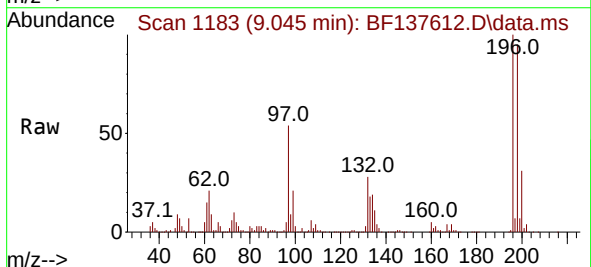
Ion Ratio Lower Upper

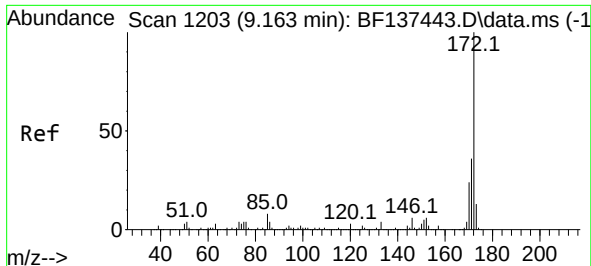
196 100

198 94.9 78.6 117.8

97 53.6 41.8 62.8

132 28.3 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 82.088 ng

RT: 9.086 min Scan# 1190

Delta R.T. -0.000 min

Lab File: BF137612.D

Acq: 15 Mar 2024 16:33

Instrument :

BNA_F

ClientSampleId :

PB159613BS

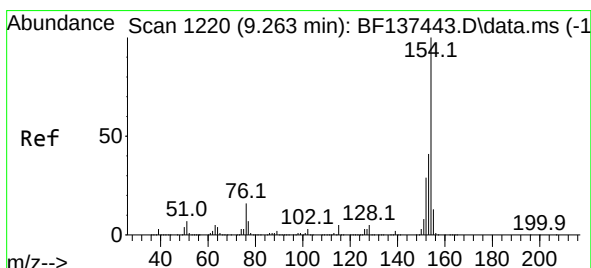
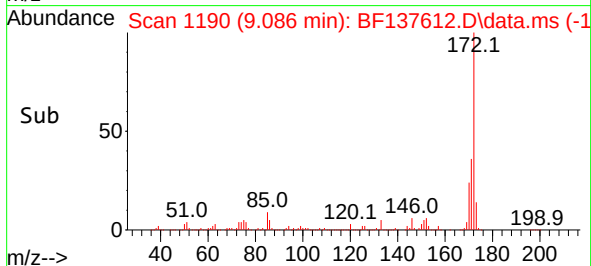
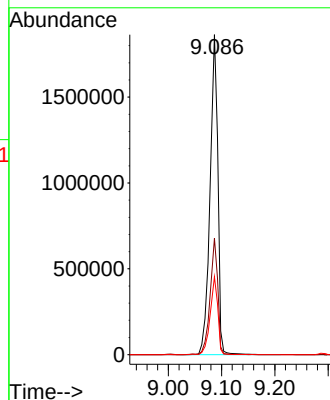
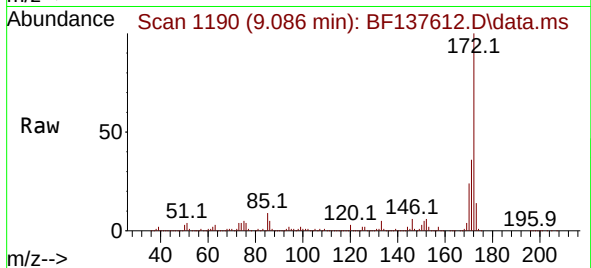
Tgt Ion:172 Resp: 1894969

Ion Ratio Lower Upper

172 100

171 36.4 28.5 42.7

170 24.4 19.0 28.6



#46

1,1'-Biphenyl

Concen: 44.154 ng

RT: 9.186 min Scan# 1207

Delta R.T. -0.000 min

Lab File: BF137612.D

Acq: 15 Mar 2024 16:33

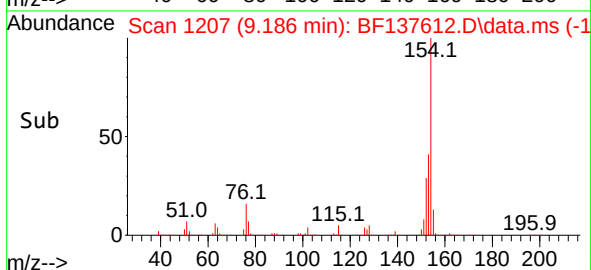
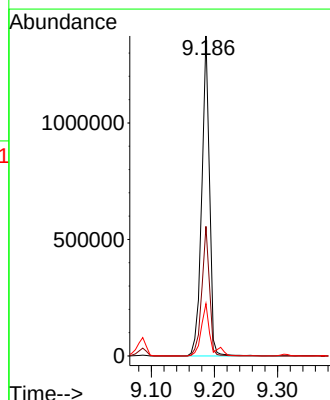
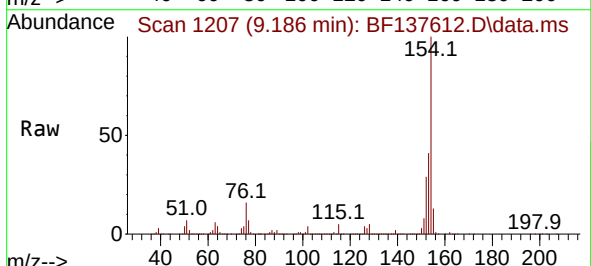
Tgt Ion:154 Resp: 1167783

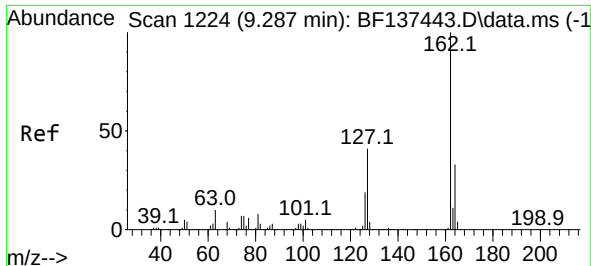
Ion Ratio Lower Upper

154 100

153 40.5 21.0 61.0

76 16.4 0.0 35.8

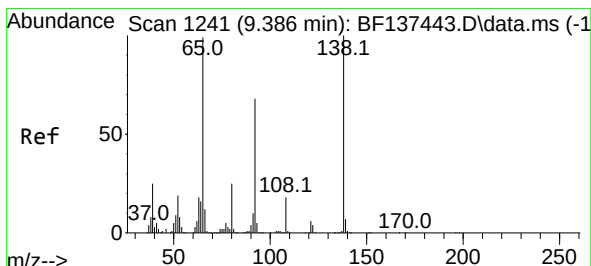
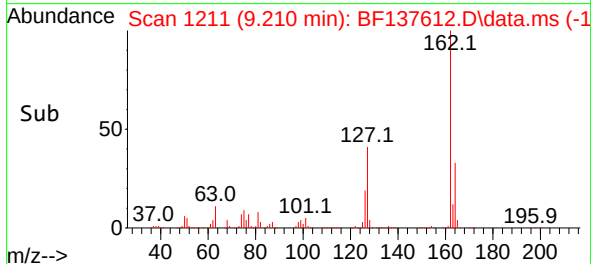
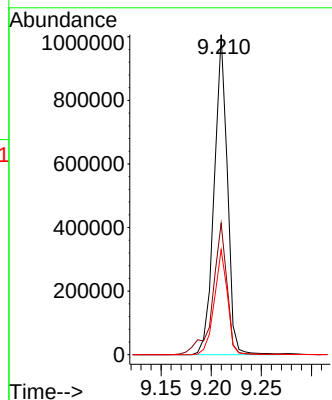
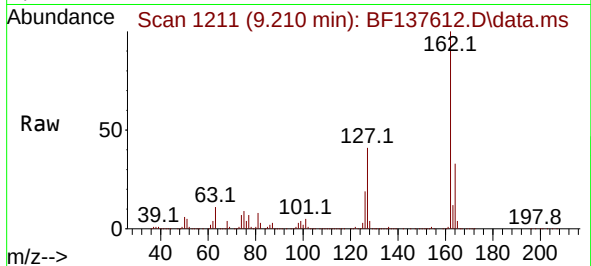




#47
2-Chloronaphthalene
Concen: 45.674 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.000 min
Lab File: BF137612.D
Acq: 15 Mar 2024 16:33

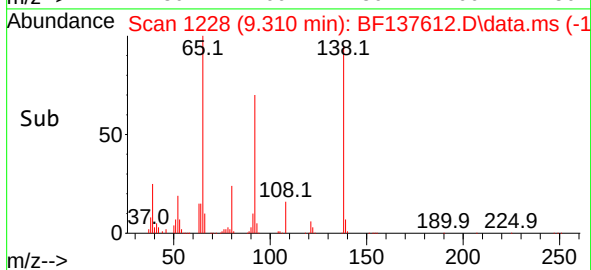
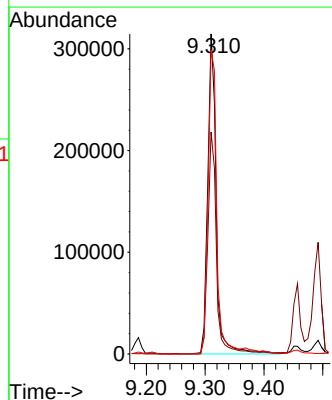
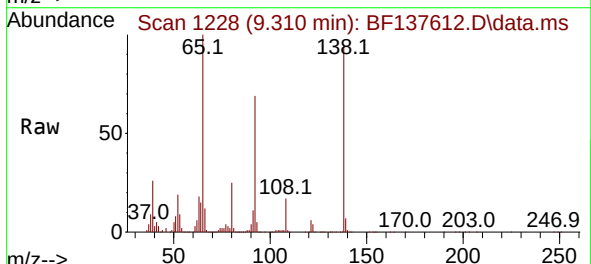
Instrument :
BNA_F
ClientSampleId :
PB159613BS

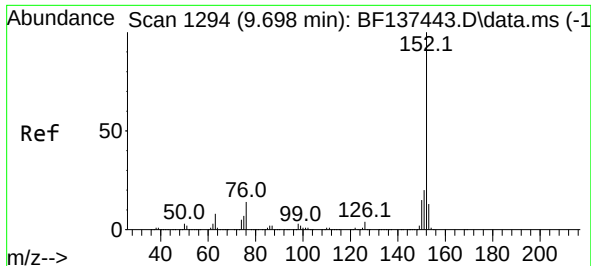
Tgt Ion:162 Resp: 920989
Ion Ratio Lower Upper
162 100
127 41.0 32.6 49.0
164 32.8 26.5 39.7



#48
2-Nitroaniline
Concen: 45.925 ng
RT: 9.310 min Scan# 1228
Delta R.T. -0.000 min
Lab File: BF137612.D
Acq: 15 Mar 2024 16:33

Tgt Ion: 65 Resp: 314759
Ion Ratio Lower Upper
65 100
92 69.3 55.4 83.2
138 94.9 81.0 121.6





#49

Acenaphthylene

Concen: 44.954 ng

RT: 9.622 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF137612.D

Acq: 15 Mar 2024 16:33

Instrument :

BNA_F

ClientSampleId :

PB159613BS

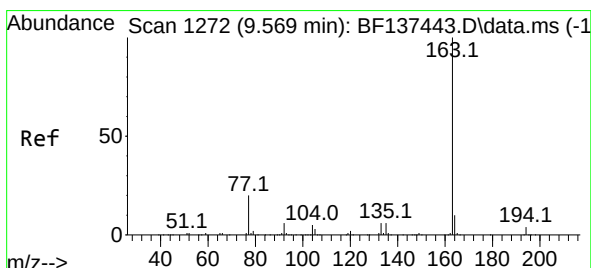
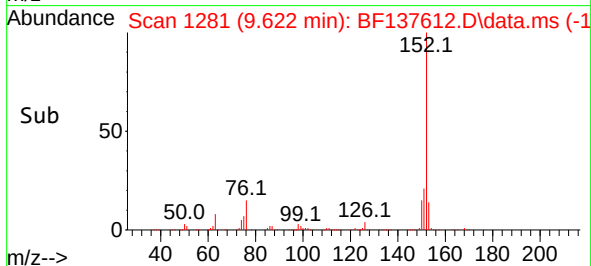
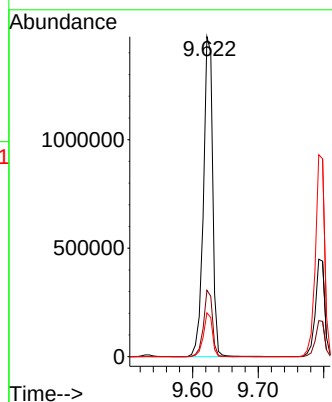
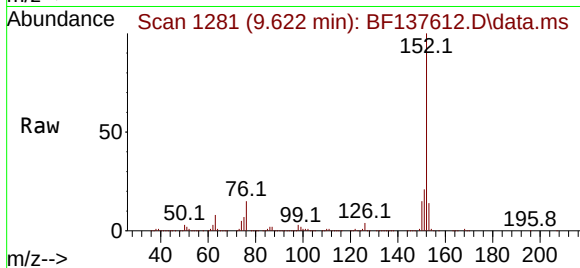
Tgt Ion:152 Resp: 1450673

Ion Ratio Lower Upper

152 100

151 20.7 16.2 24.4

153 13.7 10.8 16.2



#50

Dimethylphthalate

Concen: 43.592 ng

RT: 9.492 min Scan# 1259

Delta R.T. -0.000 min

Lab File: BF137612.D

Acq: 15 Mar 2024 16:33

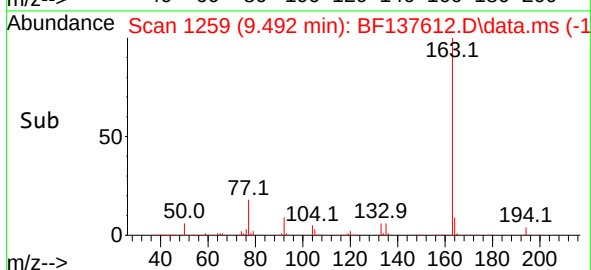
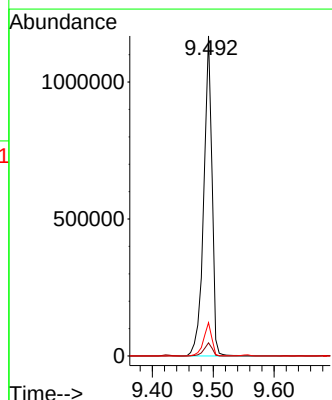
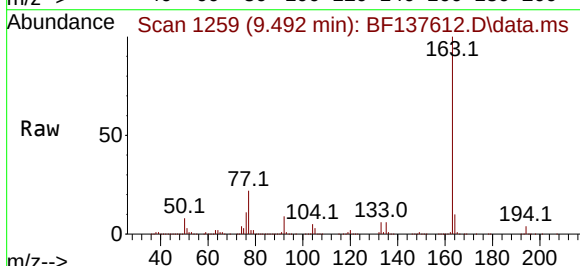
Tgt Ion:163 Resp: 1096537

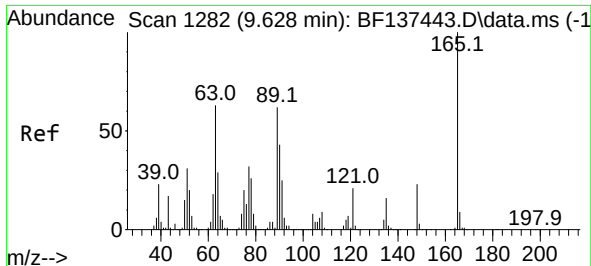
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.4 8.1 12.1

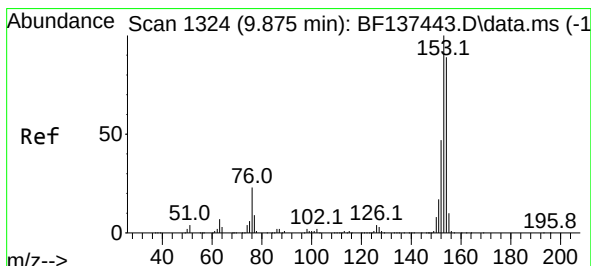
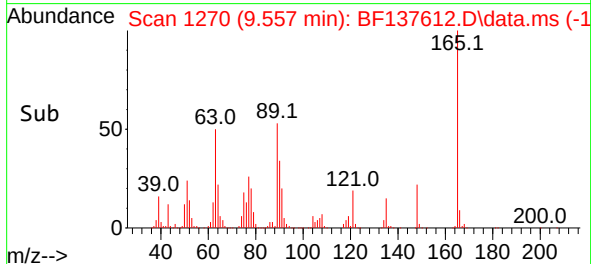
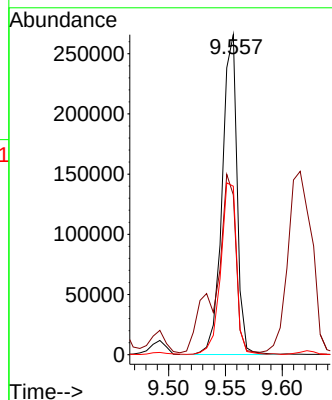
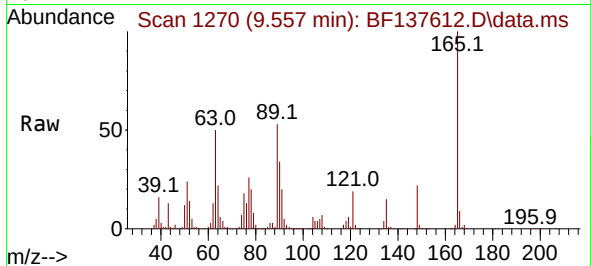




#51
2,6-Dinitrotoluene
Concen: 46.392 ng
RT: 9.557 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137612.D
Acq: 15 Mar 2024 16:33

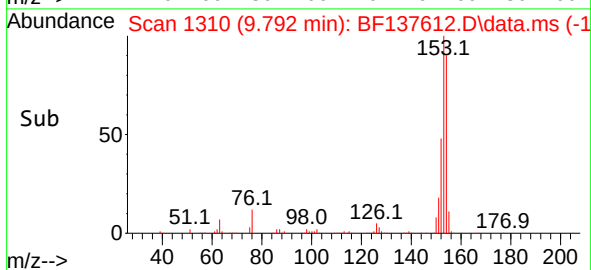
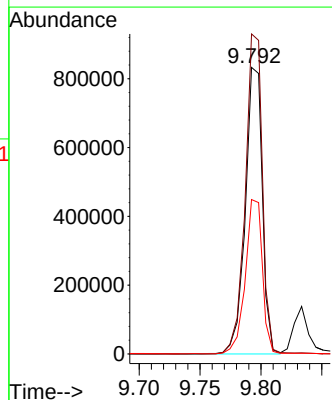
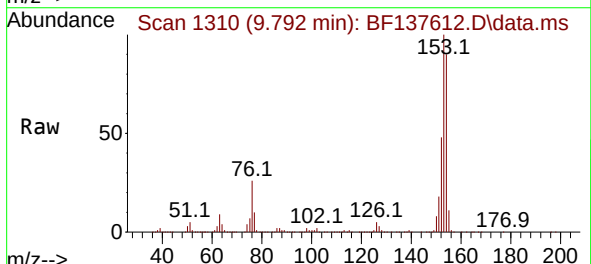
Instrument :
BNA_F
ClientSampleId :
PB159613BS

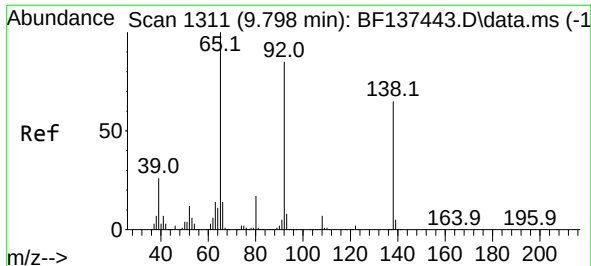
Tgt Ion:165 Resp: 244086
Ion Ratio Lower Upper
165 100
63 50.0 50.7 76.1#
89 52.6 50.0 75.0



#52
Acenaphthene
Concen: 42.258 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.000 min
Lab File: BF137612.D
Acq: 15 Mar 2024 16:33

Tgt Ion:154 Resp: 814115
Ion Ratio Lower Upper
154 100
153 111.7 90.3 135.5
152 53.9 42.7 64.1

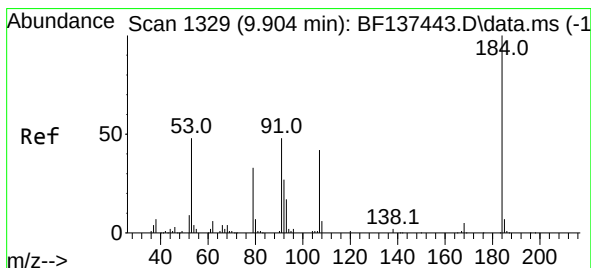
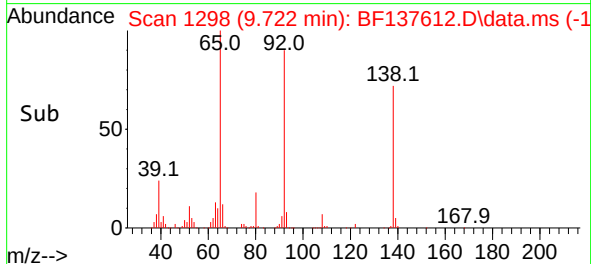
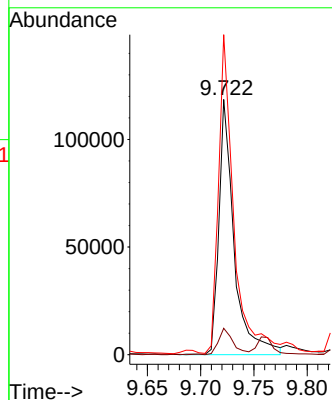
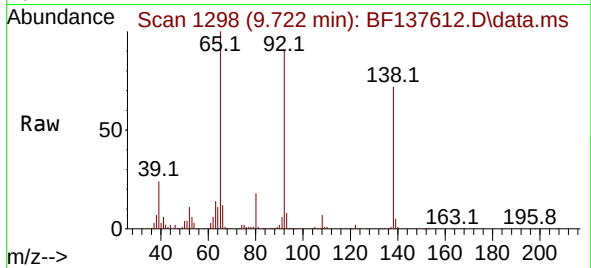




#53
3-Nitroaniline
Concen: 21.146 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137612.D
Acq: 15 Mar 2024 16:33

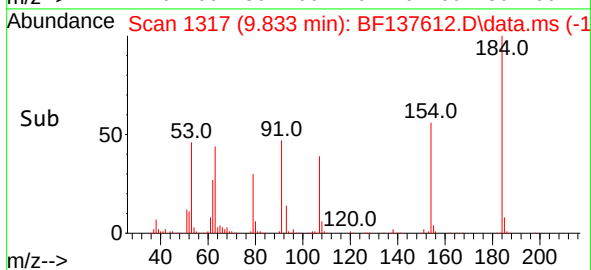
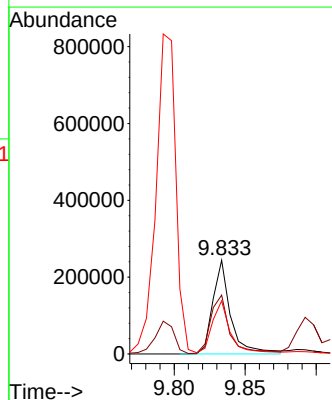
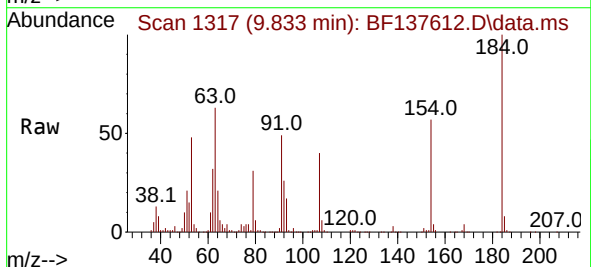
Instrument :
BNA_F
ClientSampleId :
PB159613BS

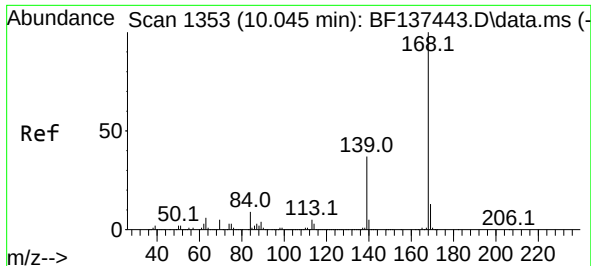
Tgt Ion:138 Resp: 117680
Ion Ratio Lower Upper
138 100
108 10.3 9.1 13.7
92 125.4 104.6 157.0



#54
2,4-Dinitrophenol
Concen: 82.890 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF137612.D
Acq: 15 Mar 2024 16:33

Tgt Ion:184 Resp: 213563
Ion Ratio Lower Upper
184 100
63 62.7 53.3 79.9
154 56.6 47.4 71.0

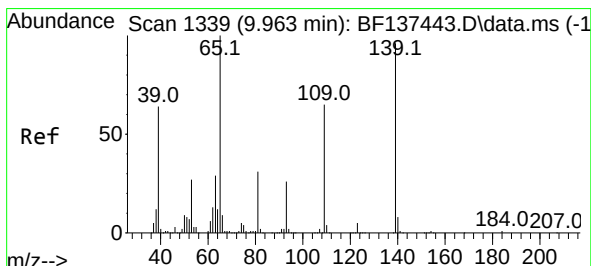
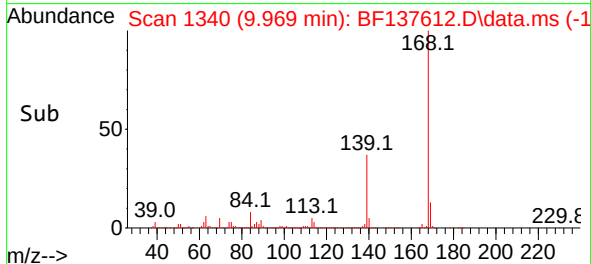
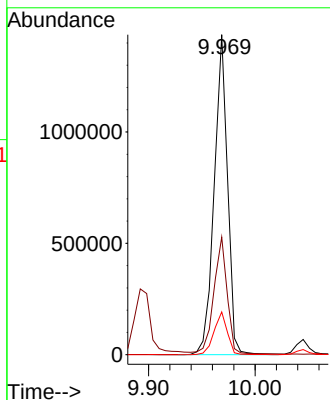
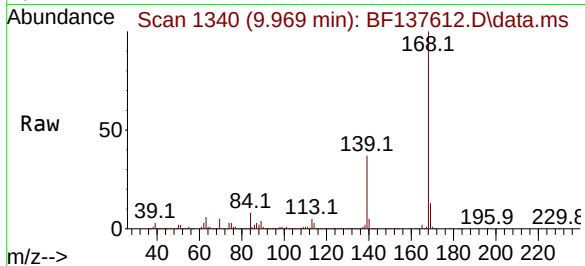




#55
Dibenzofuran
Concen: 42.402 ng
RT: 9.969 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137612.D
Acq: 15 Mar 2024 16:33

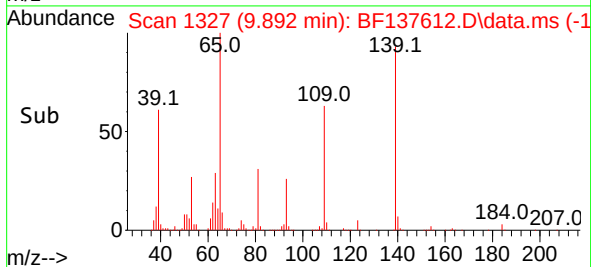
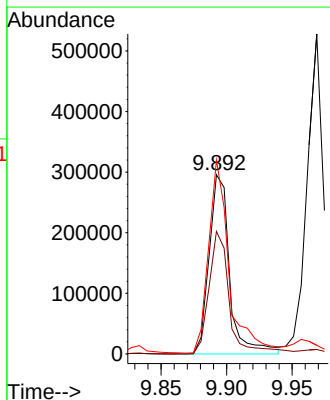
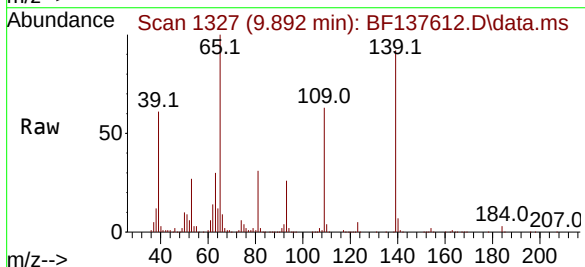
Instrument :
BNA_F
ClientSampleId :
PB159613BS

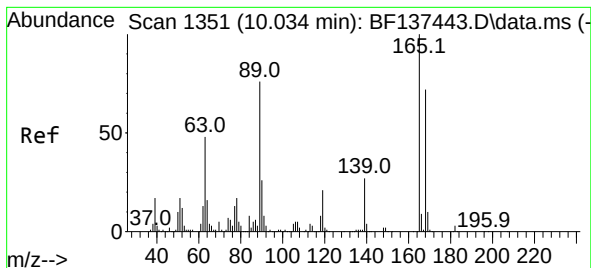
Tgt Ion:168 Resp: 1244208
Ion Ratio Lower Upper
168 100
139 36.7 29.8 44.6
169 13.3 10.8 16.2



#56
4-Nitrophenol
Concen: 81.570 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF137612.D
Acq: 15 Mar 2024 16:33

Tgt Ion:139 Resp: 323334
Ion Ratio Lower Upper
139 100
109 68.4 47.1 87.1
65 108.3 85.1 125.1



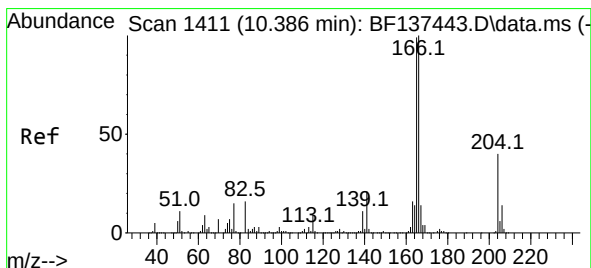
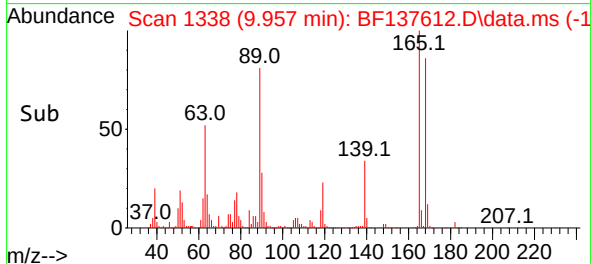
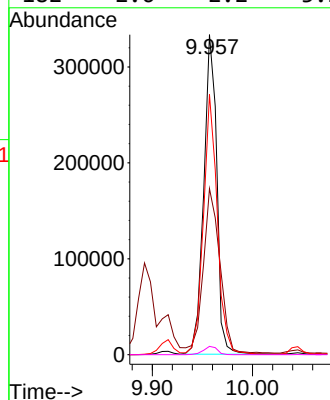
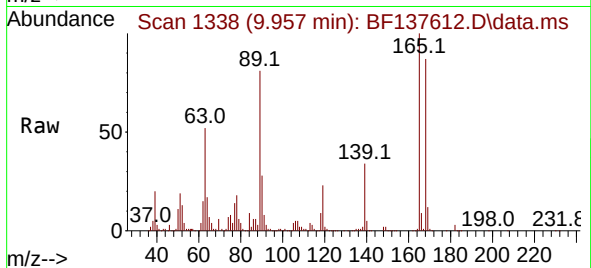


#57
2,4-Dinitrotoluene
Concen: 46.752 ng
RT: 9.957 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137612.D
Acq: 15 Mar 2024 16:33

Instrument :
BNA_F
ClientSampleId :
PB159613BS

Tgt Ion:165 Resp: 302206

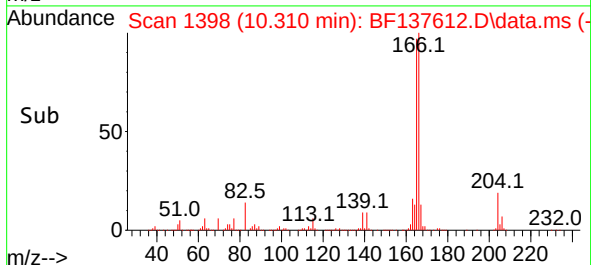
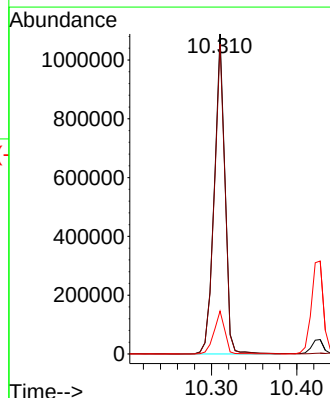
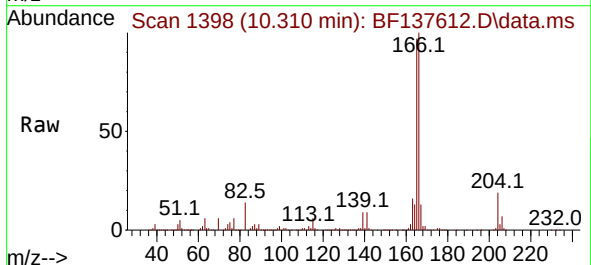
Ion	Ratio	Lower	Upper
165	100		
63	51.9	39.0	58.6
89	81.3	60.9	91.3
182	2.6	2.2	3.2

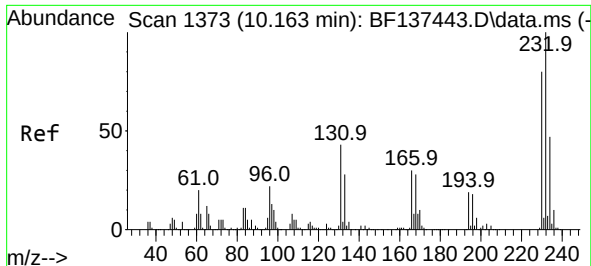


#58
Fluorene
Concen: 41.799 ng
RT: 10.310 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF137612.D
Acq: 15 Mar 2024 16:33

Tgt Ion:166 Resp: 941923

Ion	Ratio	Lower	Upper
166	100		
165	96.8	79.2	118.8
167	13.4	11.0	16.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.445 ng

RT: 10.086 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF137612.D

Acq: 15 Mar 2024 16:33

Instrument :

BNA_F

ClientSampleId :

PB159613BS

Tgt Ion:232 Resp: 269720

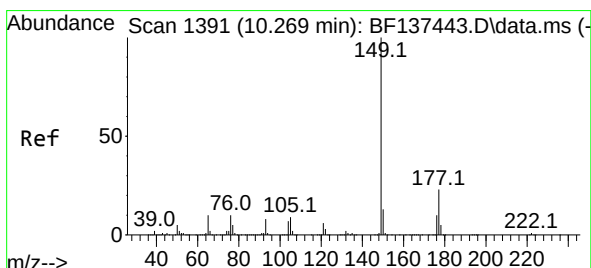
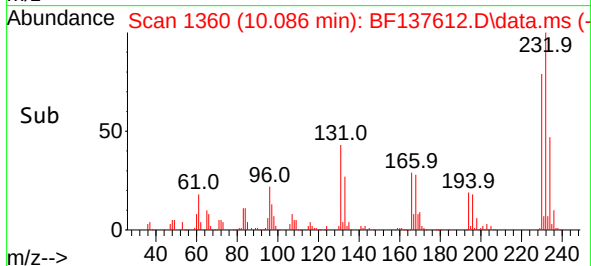
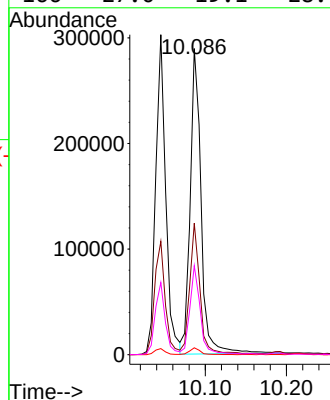
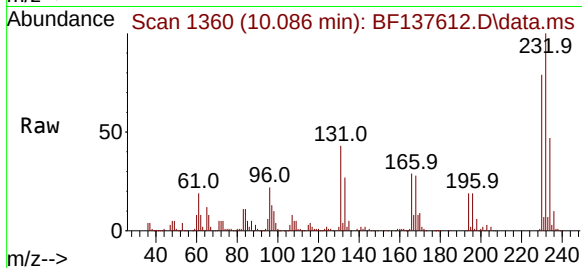
Ion Ratio Lower Upper

232 100

131 39.7 31.2 46.8

130 2.3 1.8 2.6

166 27.0 19.1 28.7



#60

Diethylphthalate

Concen: 43.440 ng

RT: 10.192 min Scan# 1378

Delta R.T. 0.006 min

Lab File: BF137612.D

Acq: 15 Mar 2024 16:33

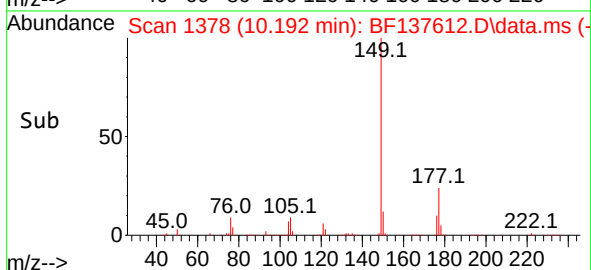
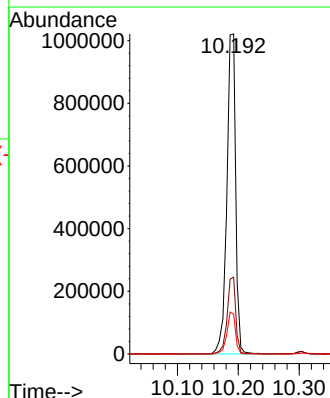
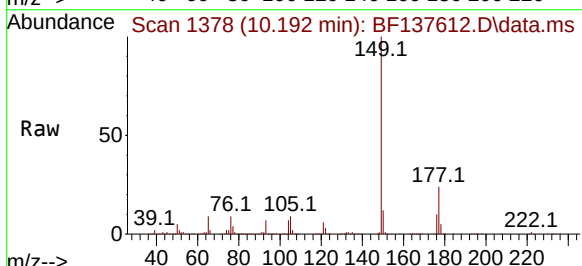
Tgt Ion:149 Resp: 1031893

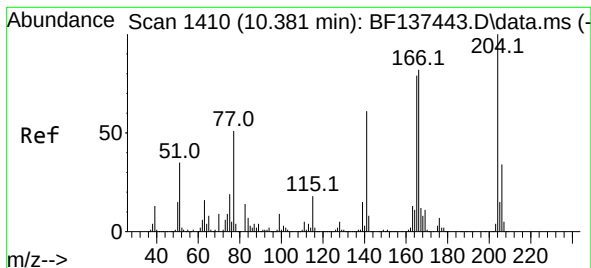
Ion Ratio Lower Upper

149 100

177 24.0 18.7 28.1

150 12.5 10.2 15.4

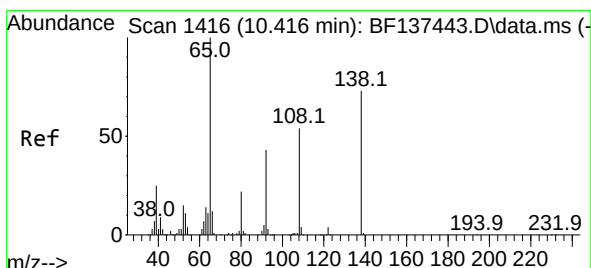
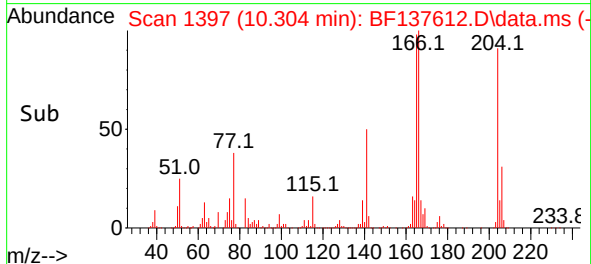
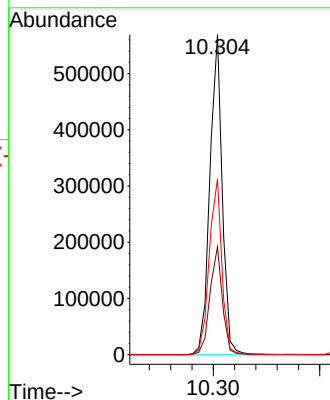
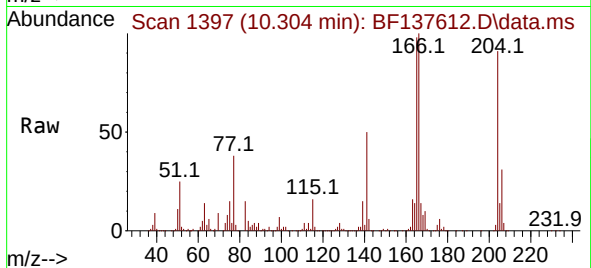




#61
4-Chlorophenyl-phenylether
Concen: 41.744 ng
RT: 10.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137612.D
Acq: 15 Mar 2024 16:33

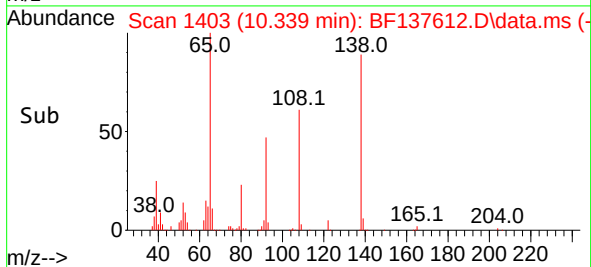
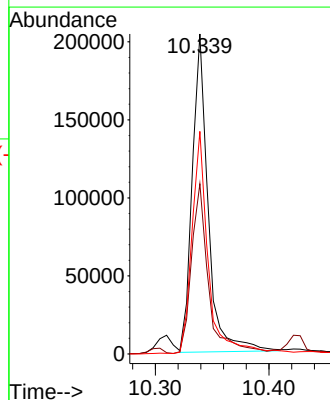
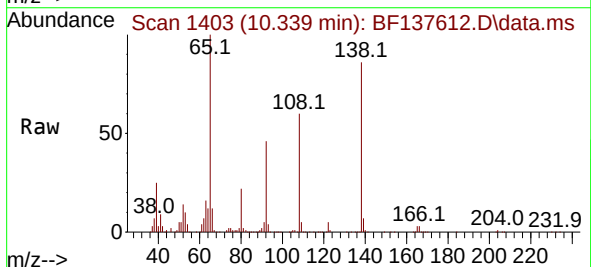
Instrument :
BNA_F
ClientSampleId :
PB159613BS

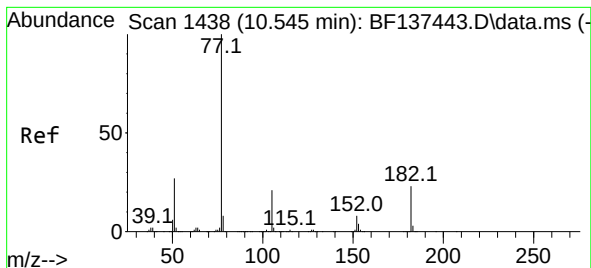
Tgt Ion:204 Resp: 461022
Ion Ratio Lower Upper
204 100
206 33.8 27.4 41.0
141 54.9 48.4 72.6



#62
4-Nitroaniline
Concen: 41.491 ng
RT: 10.339 min Scan# 1403
Delta R.T. 0.006 min
Lab File: BF137612.D
Acq: 15 Mar 2024 16:33

Tgt Ion:138 Resp: 198458
Ion Ratio Lower Upper
138 100
92 53.2 37.9 77.9
108 69.6 53.2 93.2





#63

Azobenzene

Concen: 40.795 ng

RT: 10.463 min Scan# 1424

Delta R.T. -0.000 min

Lab File: BF137612.D

Acq: 15 Mar 2024 16:33

Instrument :

BNA_F

ClientSampleId :

PB159613BS

Tgt Ion: 77 Resp: 1115848

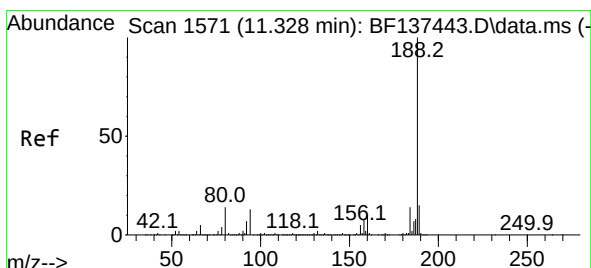
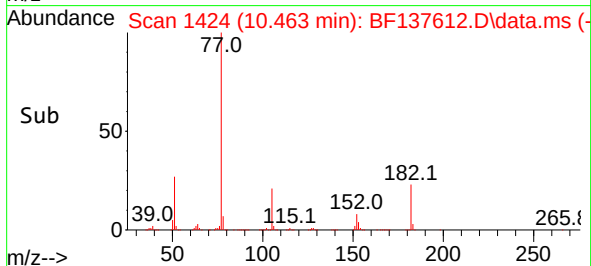
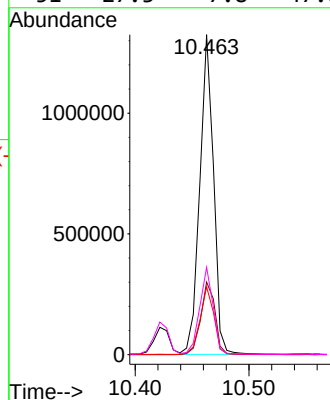
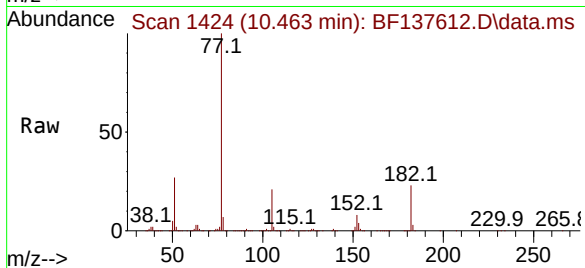
Ion Ratio Lower Upper

77 100

182 22.7 3.2 43.2

105 21.2 1.2 41.2

51 27.3 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: BF137612.D

Acq: 15 Mar 2024 16:33

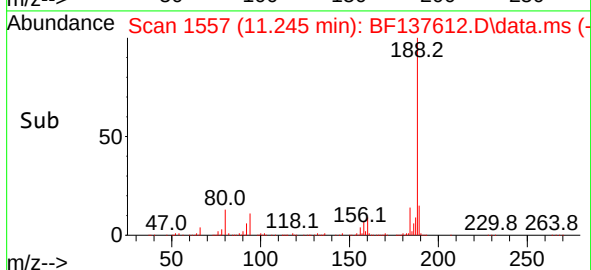
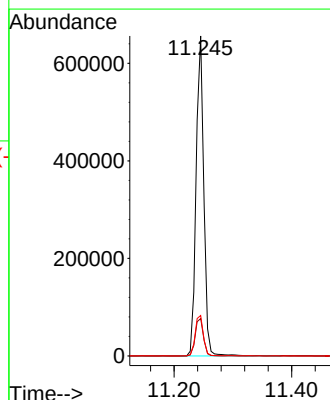
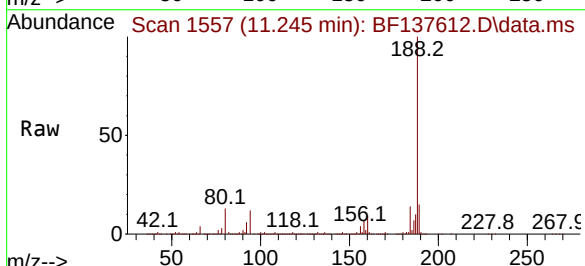
Tgt Ion: 188 Resp: 592768

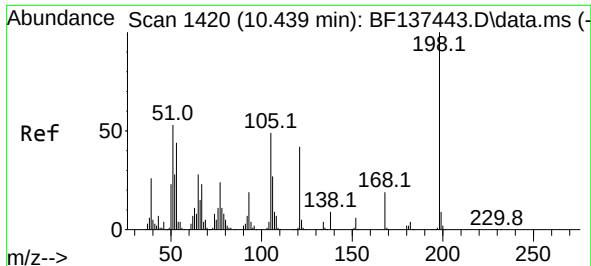
Ion Ratio Lower Upper

188 100

94 11.7 10.6 15.8

80 12.7 11.5 17.3

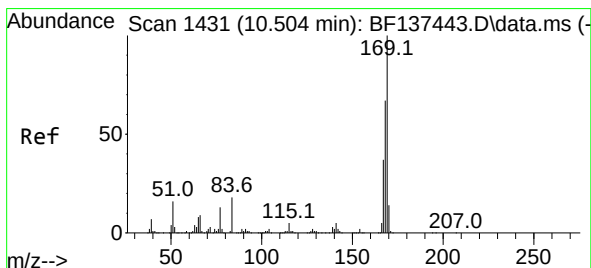
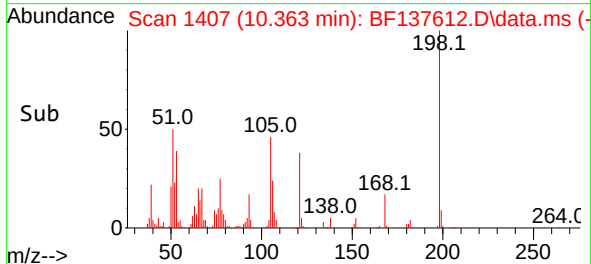
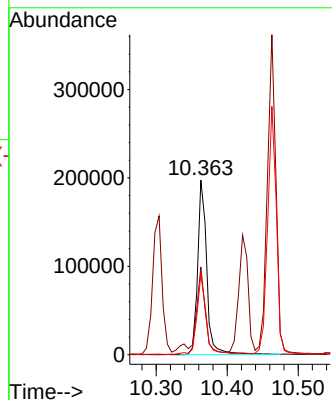
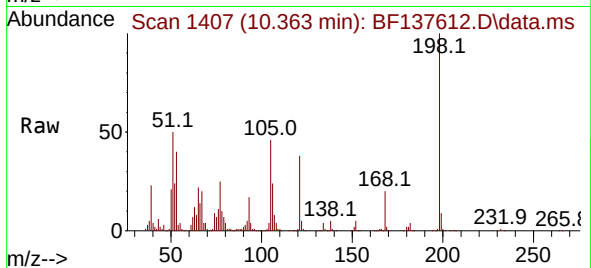




#65
4,6-Dinitro-2-methylphenol
Concen: 53.642 ng
RT: 10.363 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF137612.D
Acq: 15 Mar 2024 16:33

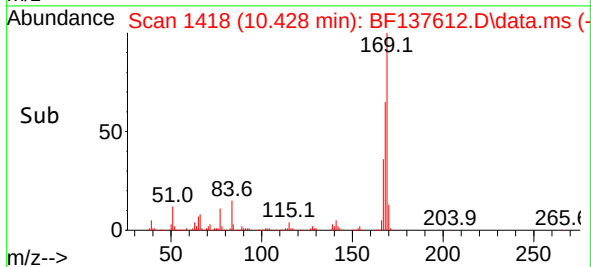
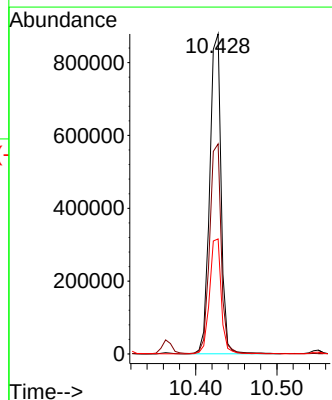
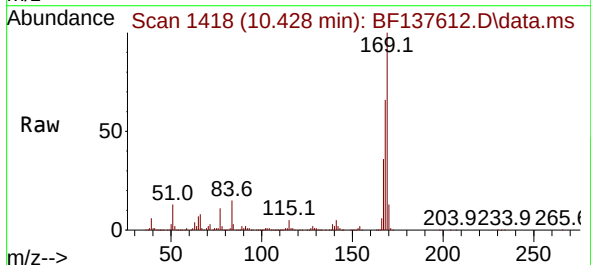
Instrument :
BNA_F
ClientSampleId :
PB159613BS

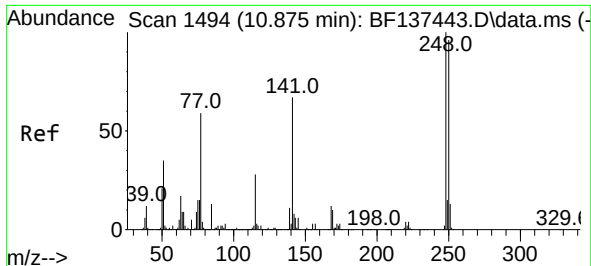
Tgt Ion:198 Resp: 177220
Ion Ratio Lower Upper
198 100
51 50.3 37.2 77.2
105 46.2 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 44.714 ng
RT: 10.428 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF137612.D
Acq: 15 Mar 2024 16:33

Tgt Ion:169 Resp: 853503
Ion Ratio Lower Upper
169 100
168 65.7 53.8 80.6
167 36.0 29.6 44.4

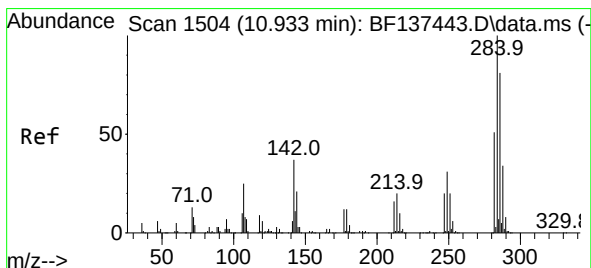
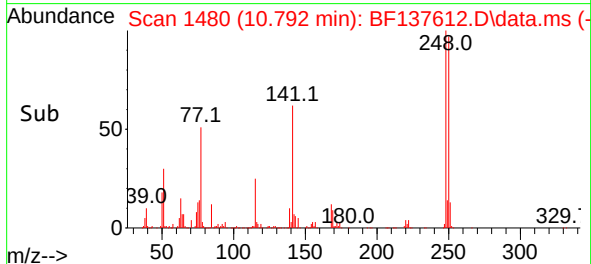
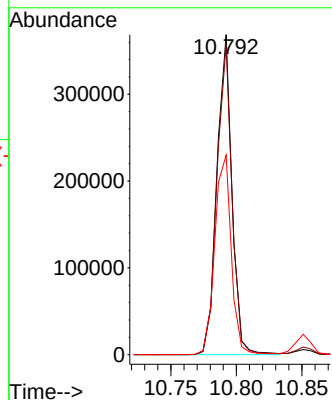
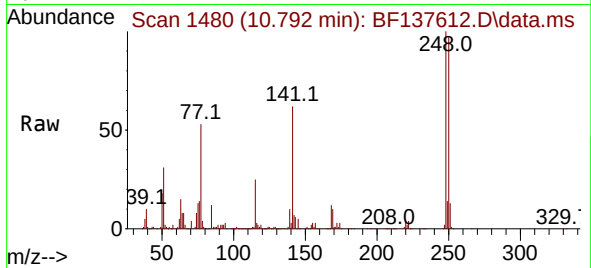




#67
4-Bromophenyl-phenylether
Concen: 45.647 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.000 min
Lab File: BF137612.D
Acq: 15 Mar 2024 16:33

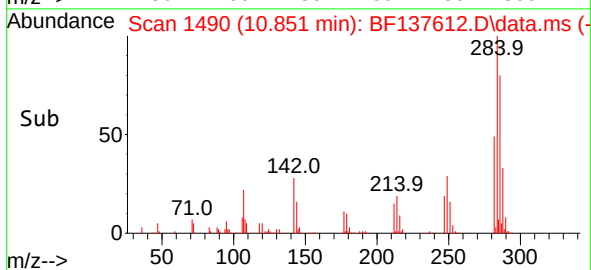
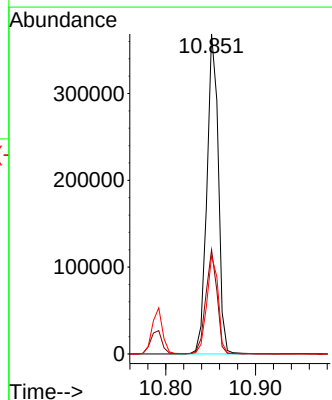
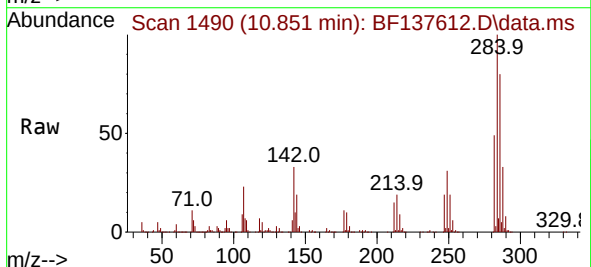
Instrument :
BNA_F
ClientSampleId :
PB159613BS

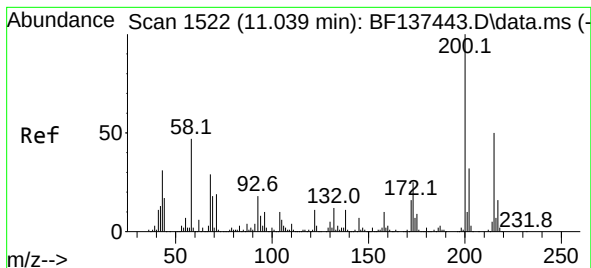
Tgt Ion:248 Resp: 294709
Ion Ratio Lower Upper
248 100
250 96.9 76.8 115.2
141 62.3 53.4 80.0



#68
Hexachlorobenzene
Concen: 49.882 ng
RT: 10.851 min Scan# 1490
Delta R.T. -0.000 min
Lab File: BF137612.D
Acq: 15 Mar 2024 16:33

Tgt Ion:284 Resp: 325277
Ion Ratio Lower Upper
284 100
142 32.5 29.4 44.0
249 30.7 25.0 37.4





#69

Atrazine

Concen: 48.079 ng

RT: 10.957 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137612.D

Acq: 15 Mar 2024 16:33

Instrument :

BNA_F

ClientSampleId :

PB159613BS

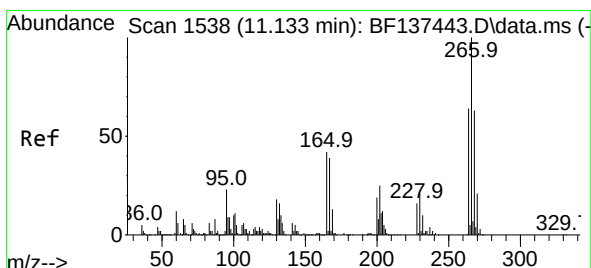
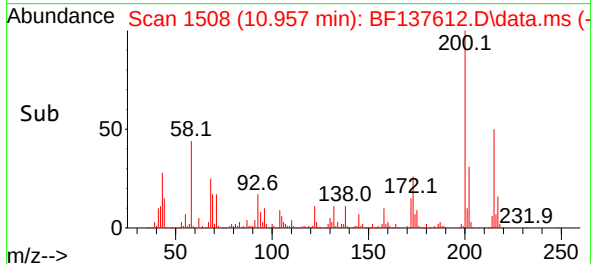
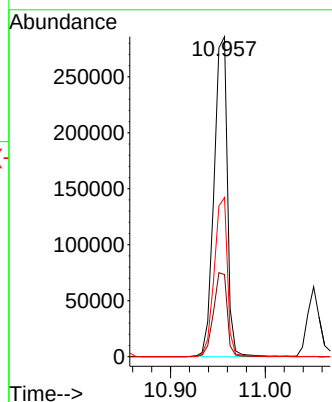
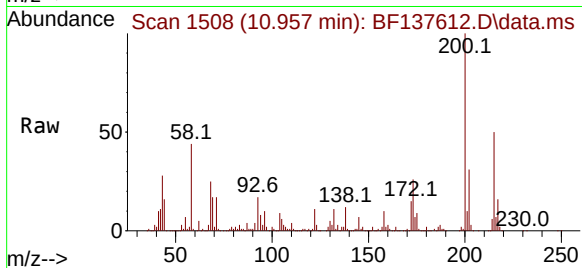
Tgt Ion:200 Resp: 278984

Ion Ratio Lower Upper

200 100

173 25.6 5.1 45.1

215 49.8 30.4 70.4



#70

Pentachlorophenol

Concen: 85.822 ng

RT: 11.051 min Scan# 1524

Delta R.T. 0.006 min

Lab File: BF137612.D

Acq: 15 Mar 2024 16:33

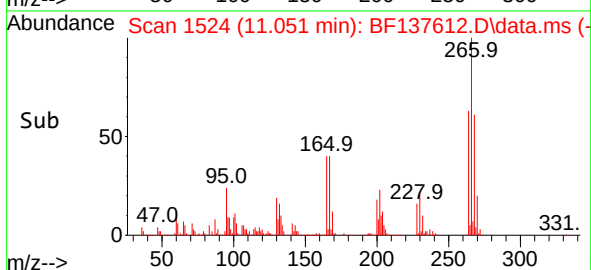
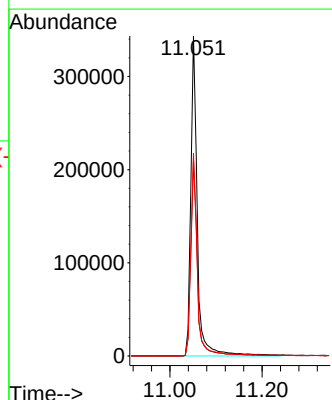
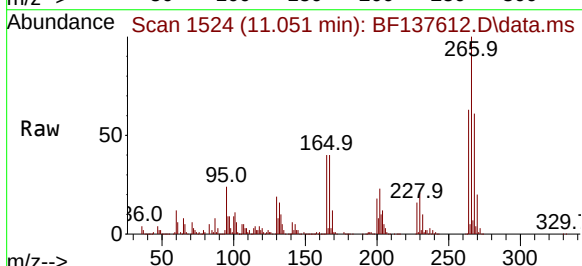
Tgt Ion:266 Resp: 338315

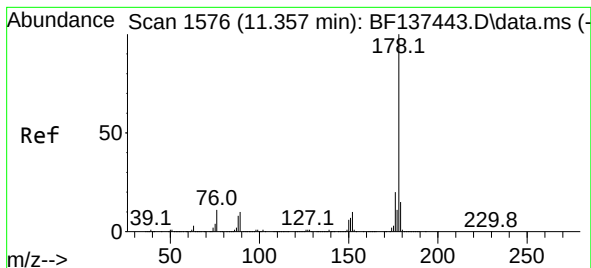
Ion Ratio Lower Upper

266 100

268 61.4 50.2 75.2

264 63.3 50.9 76.3





#71

Phenanthrene

Concen: 43.454 ng

RT: 11.269 min Scan# 1561

Delta R.T. -0.000 min

Lab File: BF137612.D

Acq: 15 Mar 2024 16:33

Instrument :

BNA_F

ClientSampleId :

PB159613BS

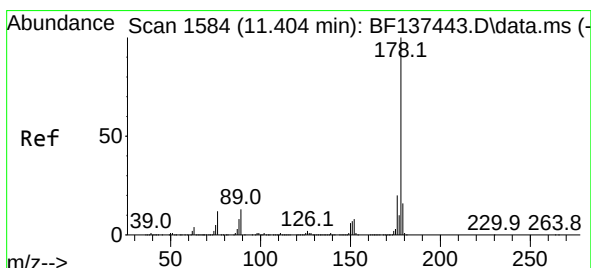
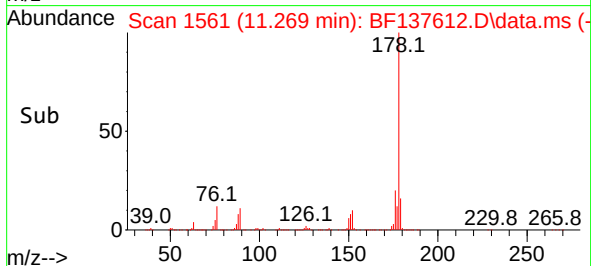
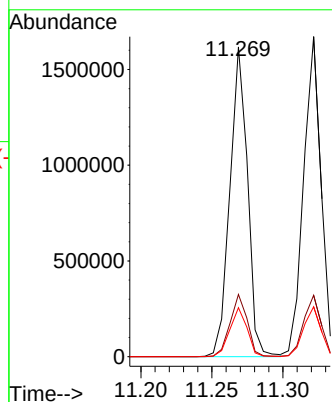
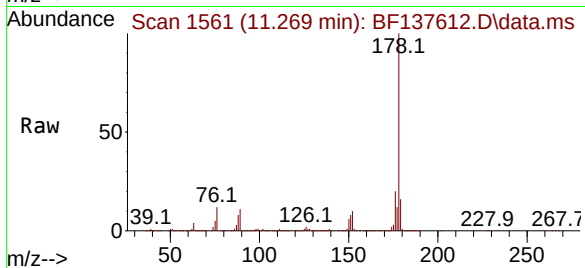
Tgt Ion:178 Resp: 1401800

Ion Ratio Lower Upper

178 100

176 20.1 15.8 23.8

179 15.8 12.2 18.2



#72

Anthracene

Concen: 43.531 ng

RT: 11.322 min Scan# 1570

Delta R.T. 0.006 min

Lab File: BF137612.D

Acq: 15 Mar 2024 16:33

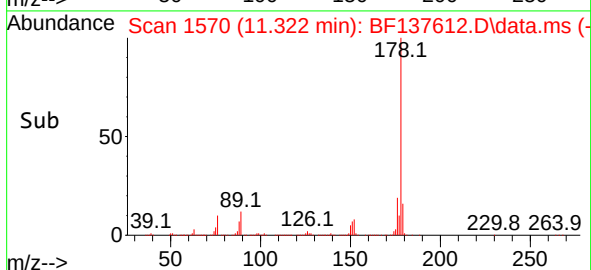
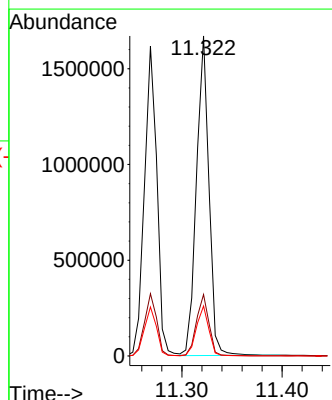
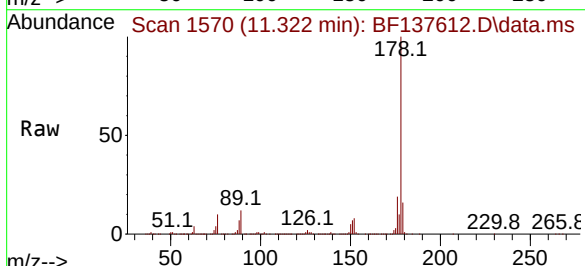
Tgt Ion:178 Resp: 1442288

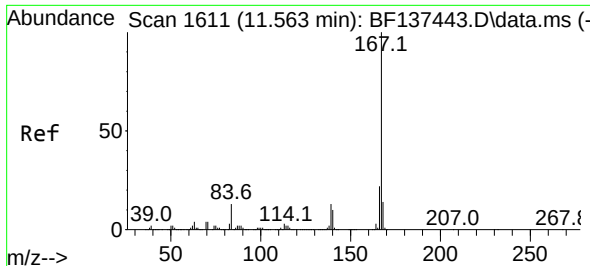
Ion Ratio Lower Upper

178 100

176 19.2 15.7 23.5

179 15.6 12.7 19.1

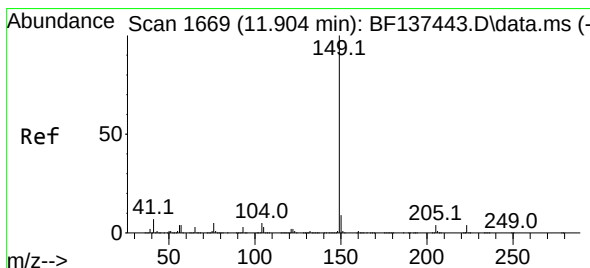
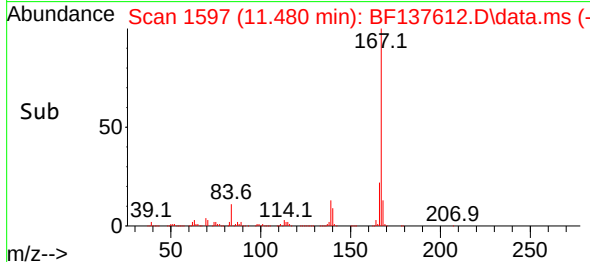
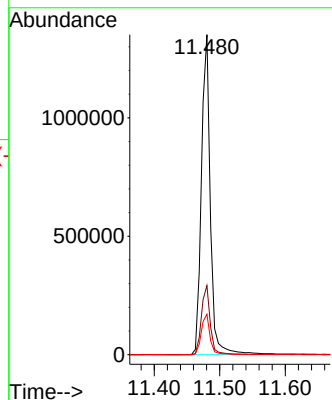
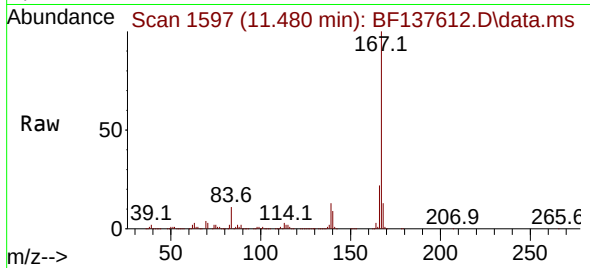




#73
 Carbazole
 Concen: 45.228 ng
 RT: 11.480 min Scan# 1611
 Delta R.T. 0.006 min
 Lab File: BF137612.D
 Acq: 15 Mar 2024 16:33

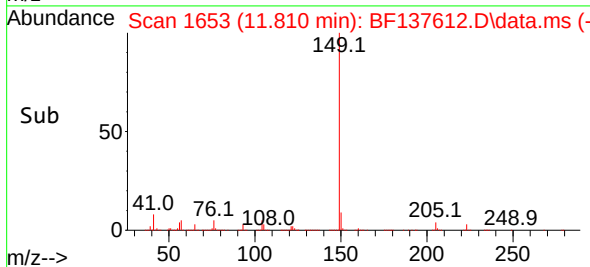
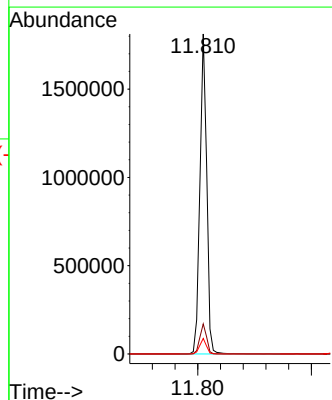
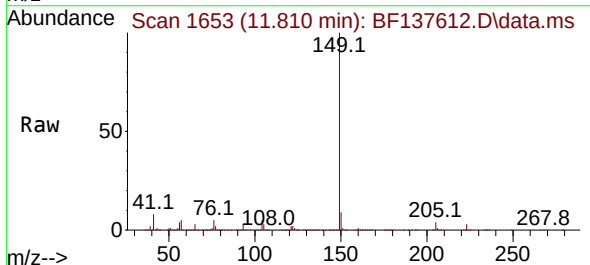
Instrument :
 BNA_F
 ClientSampleId :
 PB159613BS

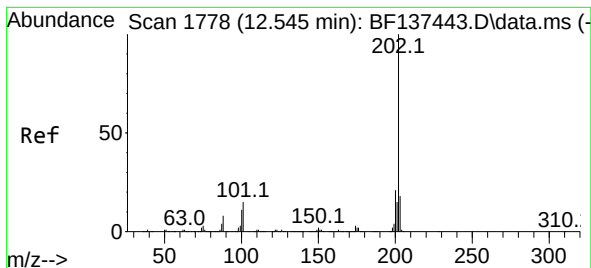
Tgt Ion:167 Resp: 1283586
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.8 26.8
 139 12.7 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 44.941 ng
 RT: 11.810 min Scan# 1653
 Delta R.T. -0.000 min
 Lab File: BF137612.D
 Acq: 15 Mar 2024 16:33

Tgt Ion:149 Resp: 1517474
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.0
 104 4.8 3.8 5.6





#75

Fluoranthene

Concen: 44.677 ng

RT: 12.457 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF137612.D

Acq: 15 Mar 2024 16:33

Instrument :

BNA_F

ClientSampleId :

PB159613BS

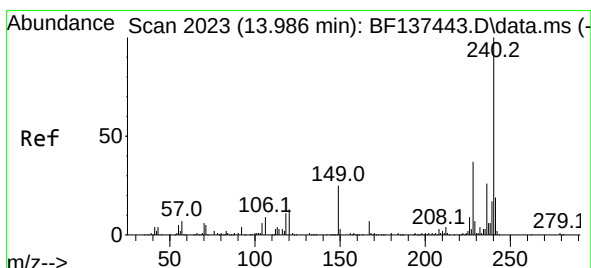
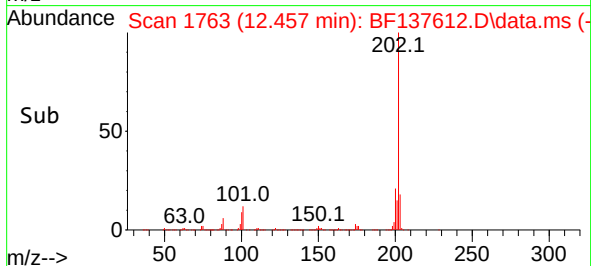
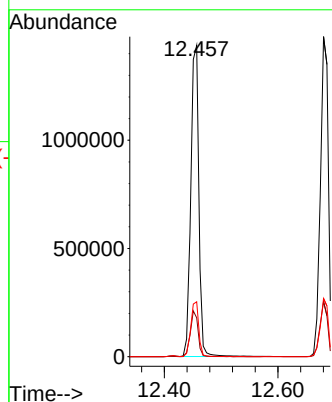
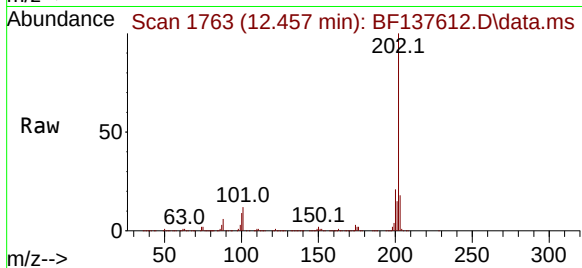
Tgt Ion:202 Resp: 1408808

Ion Ratio Lower Upper

202 100

101 12.5 0.0 35.0

203 17.6 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: BF137612.D

Acq: 15 Mar 2024 16:33

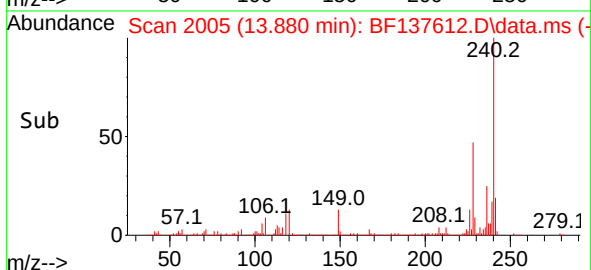
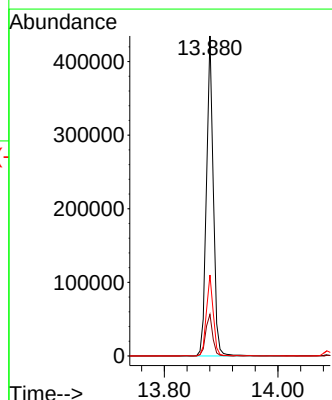
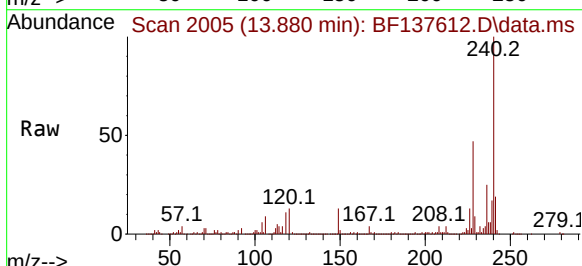
Tgt Ion:240 Resp: 363148

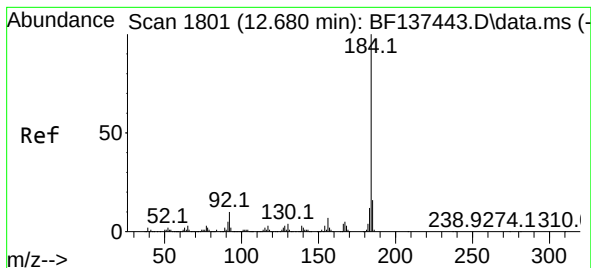
Ion Ratio Lower Upper

240 100

120 13.0 10.4 15.6

236 25.3 20.9 31.3





#77

Benzidine

Concen: 31.944 ng

RT: 12.586 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137612.D

Acq: 15 Mar 2024 16:33

Instrument :

BNA_F

ClientSampleId :

PB159613BS

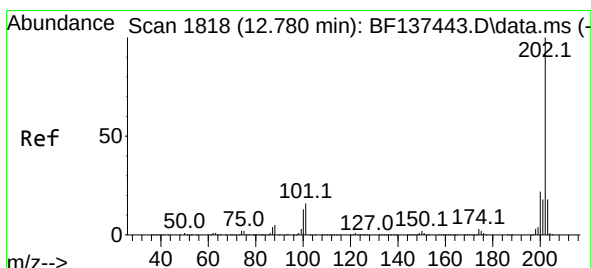
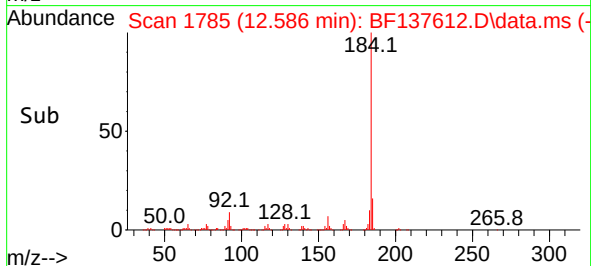
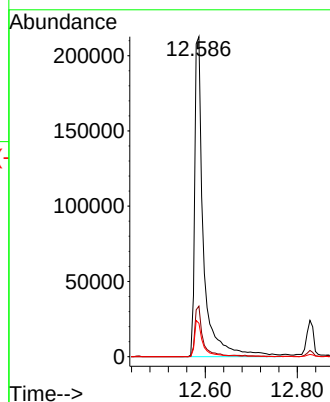
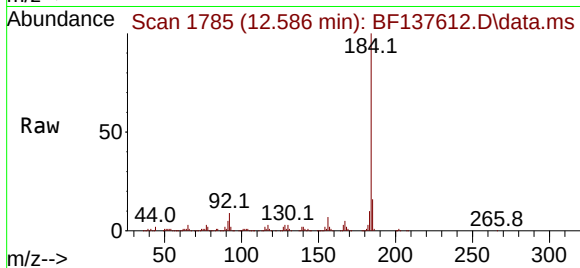
Tgt Ion:184 Resp: 283892

Ion Ratio Lower Upper

184 100

185 15.8 13.2 19.8

183 10.4 9.3 13.9



#78

Pyrene

Concen: 40.498 ng

RT: 12.680 min Scan# 1801

Delta R.T. -0.000 min

Lab File: BF137612.D

Acq: 15 Mar 2024 16:33

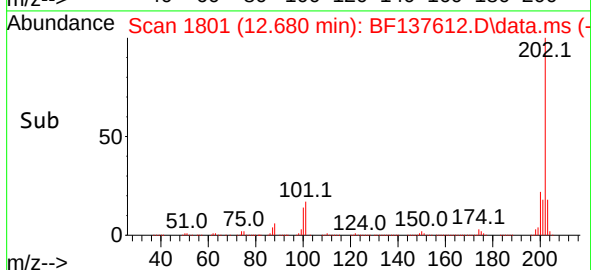
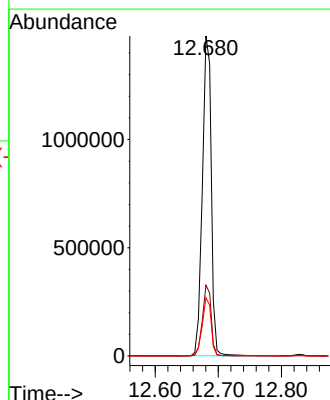
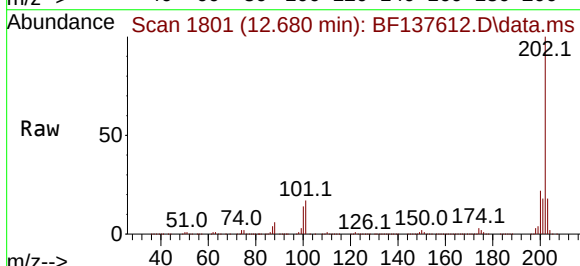
Tgt Ion:202 Resp: 1443057

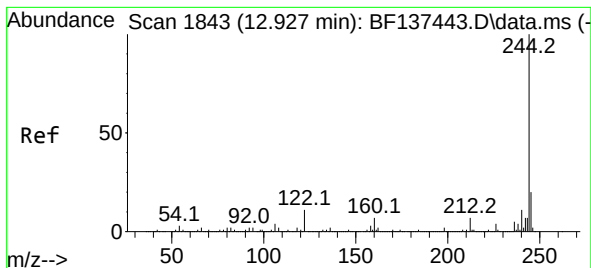
Ion Ratio Lower Upper

202 100

200 22.1 17.4 26.2

203 18.2 14.1 21.1





#79

Terphenyl-d14

Concen: 76.634 ng

RT: 12.827 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF137612.D

Acq: 15 Mar 2024 16:33

Instrument :

BNA_F

ClientSampleId :

PB159613BS

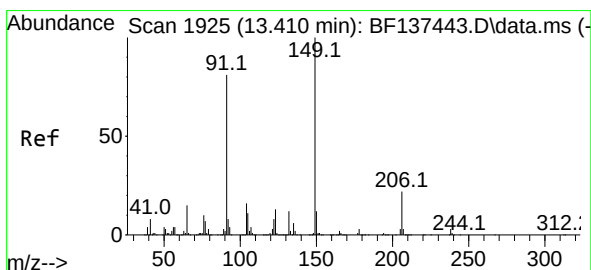
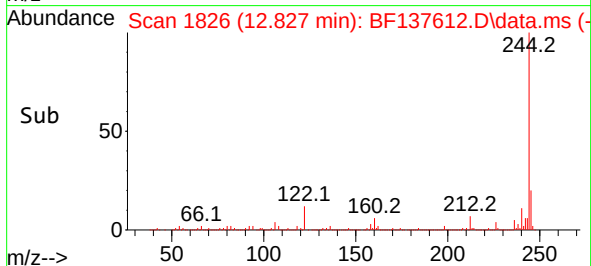
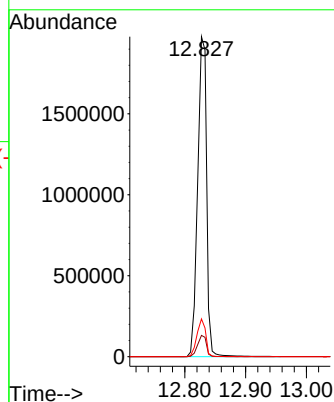
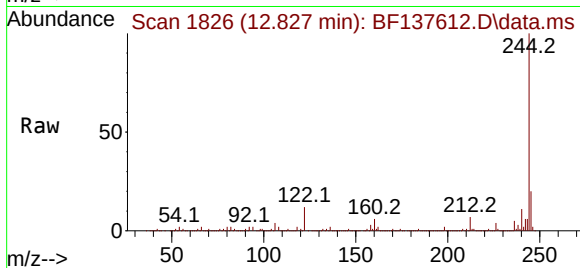
Tgt Ion:244 Resp: 2023816

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

122 11.8 9.1 13.7



#80

Butylbenzylphthalate

Concen: 58.501 ng

RT: 13.304 min Scan# 1907

Delta R.T. -0.000 min

Lab File: BF137612.D

Acq: 15 Mar 2024 16:33

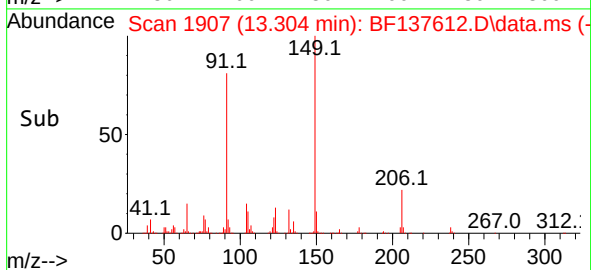
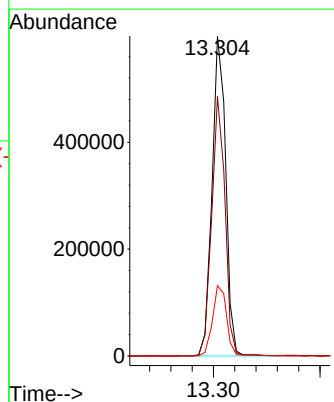
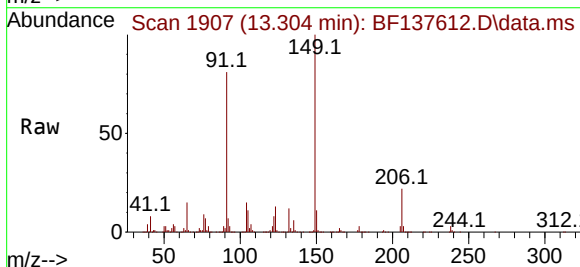
Tgt Ion:149 Resp: 532373

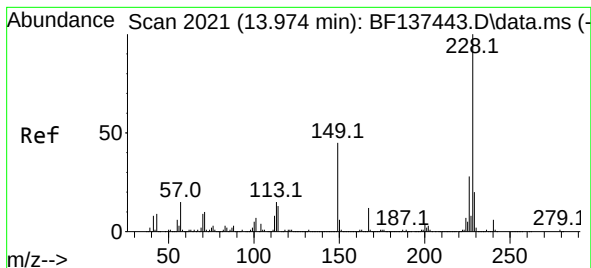
Ion Ratio Lower Upper

149 100

91 81.1 64.7 97.1

206 22.0 17.5 26.3





#81

Benzo(a)anthracene

Concen: 44.396 ng

RT: 13.868 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF137612.D

Acq: 15 Mar 2024 16:33

Instrument :

BNA_F

ClientSampleId :

PB159613BS

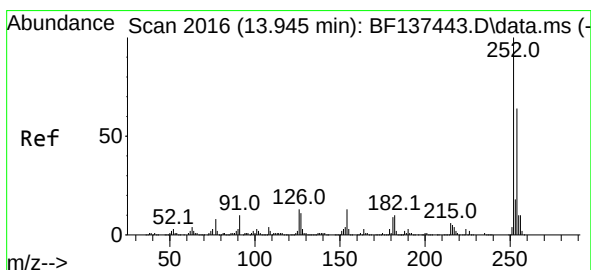
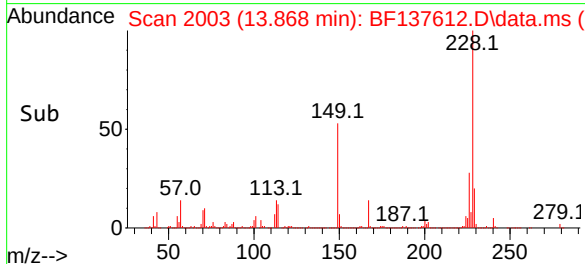
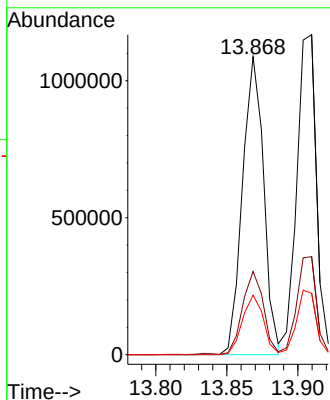
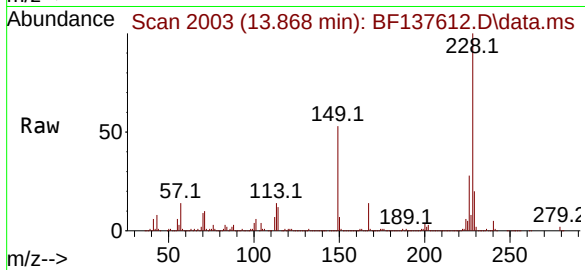
Tgt Ion:228 Resp: 1130005

Ion Ratio Lower Upper

228 100

226 27.9 22.3 33.5

229 20.0 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 32.139 ng

RT: 13.833 min Scan# 1997

Delta R.T. -0.000 min

Lab File: BF137612.D

Acq: 15 Mar 2024 16:33

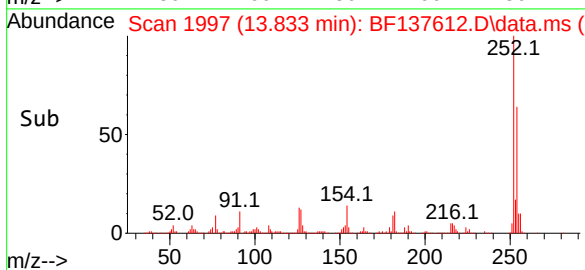
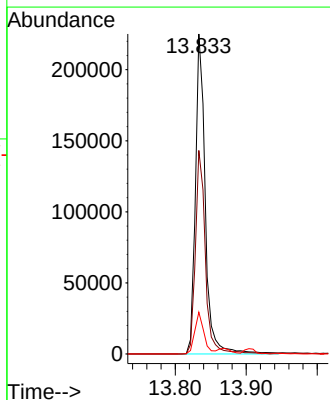
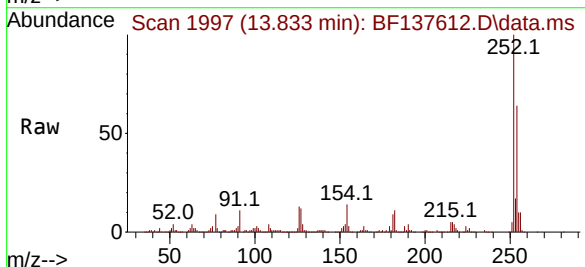
Tgt Ion:252 Resp: 217841

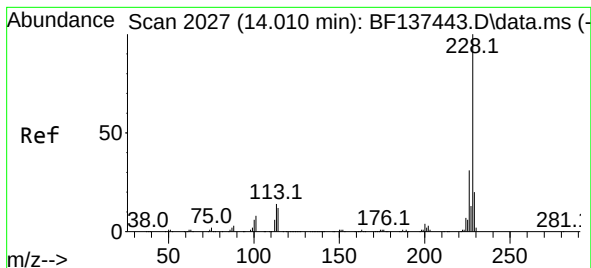
Ion Ratio Lower Upper

252 100

254 63.6 51.4 77.2

126 13.0 10.4 15.6





#83

Chrysene

Concen: 44.520 ng

RT: 13.910 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF137612.D

Acq: 15 Mar 2024 16:33

Instrument :

BNA_F

ClientSampleId :

PB159613BS

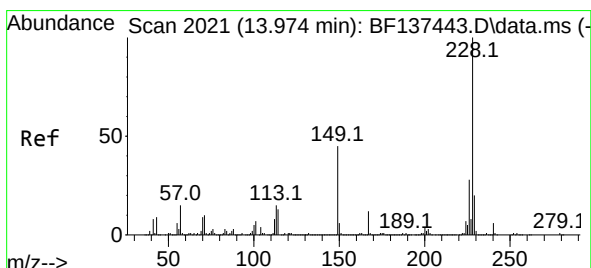
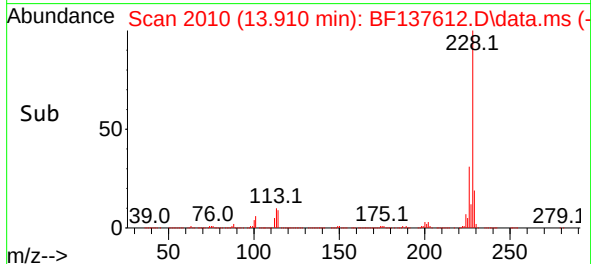
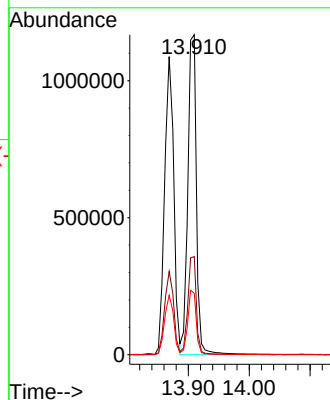
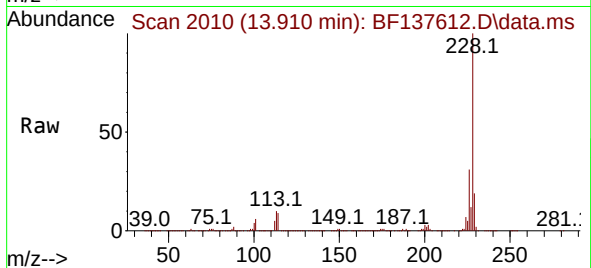
Tgt Ion:228 Resp: 1145267

Ion Ratio Lower Upper

228 100

226 30.7 24.7 37.1

229 19.2 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.966 ng

RT: 13.863 min Scan# 2002

Delta R.T. -0.000 min

Lab File: BF137612.D

Acq: 15 Mar 2024 16:33

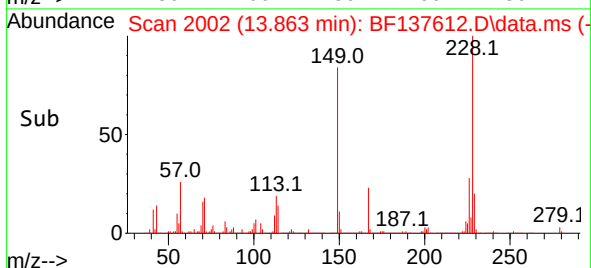
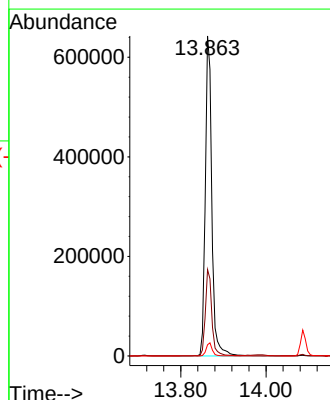
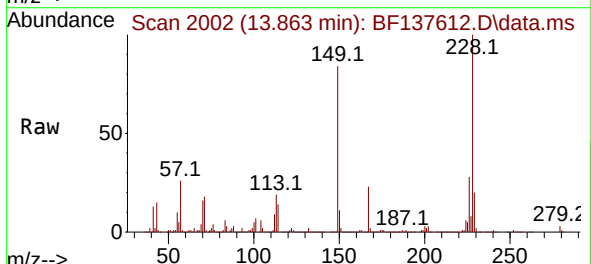
Tgt Ion:149 Resp: 682034

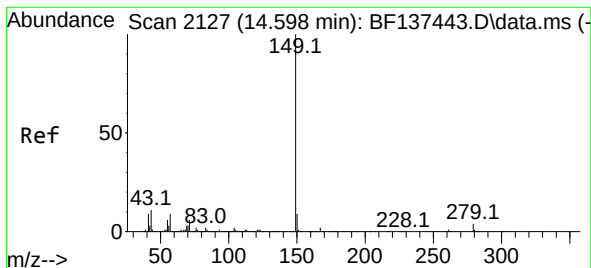
Ion Ratio Lower Upper

149 100

167 27.0 21.3 31.9

279 3.5 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 50.724 ng

RT: 14.474 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF137612.D

Acq: 15 Mar 2024 16:33

Instrument :

BNA_F

ClientSampleId :

PB159613BS

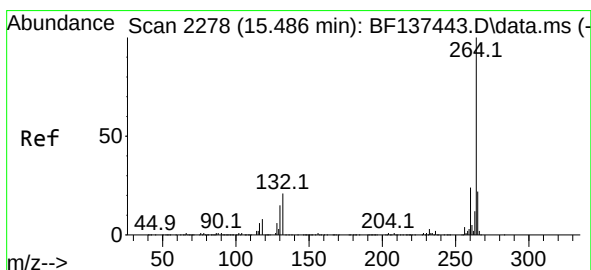
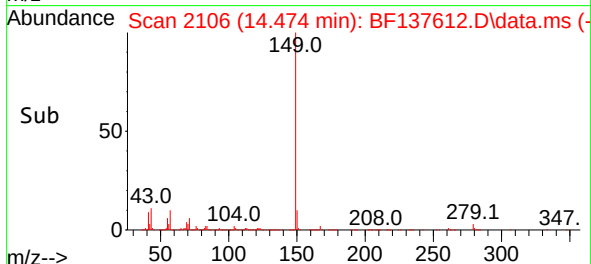
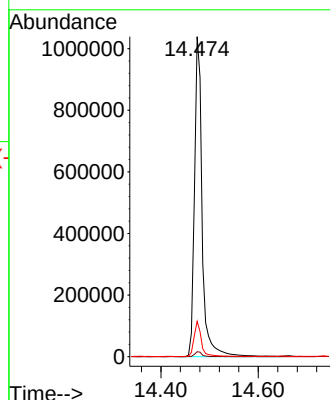
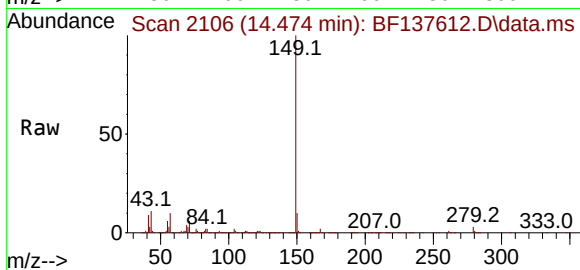
Tgt Ion:149 Resp: 1138781

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.5 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: BF137612.D

Acq: 15 Mar 2024 16:33

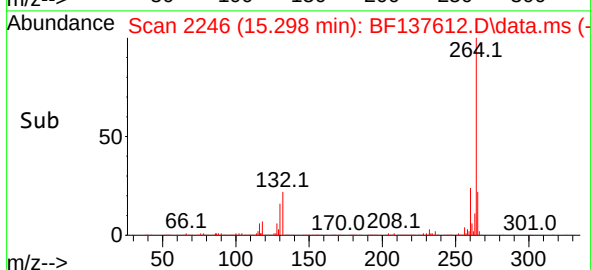
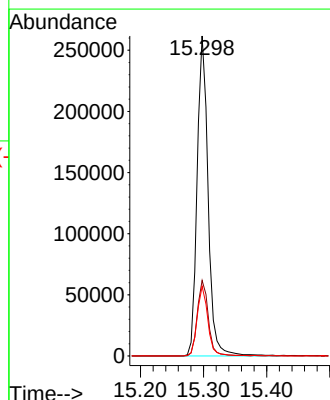
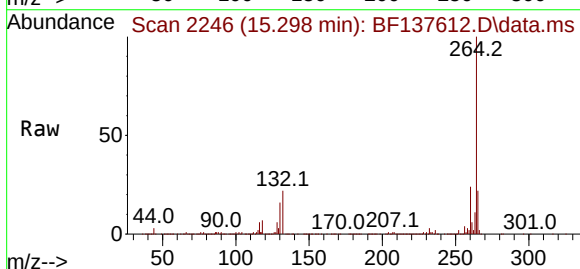
Tgt Ion:264 Resp: 315730

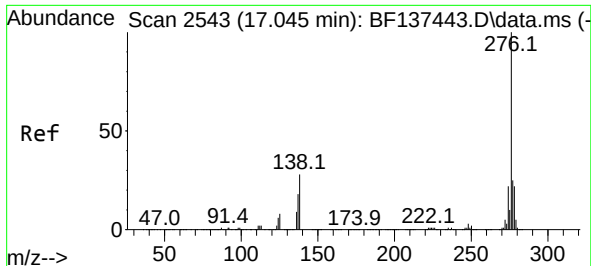
Ion Ratio Lower Upper

264 100

260 23.6 19.3 28.9

265 21.7 17.4 26.0

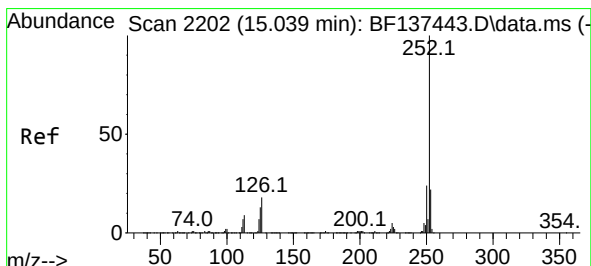
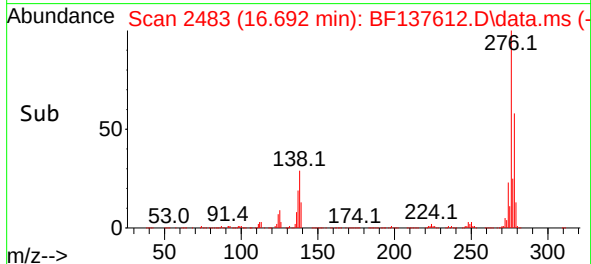
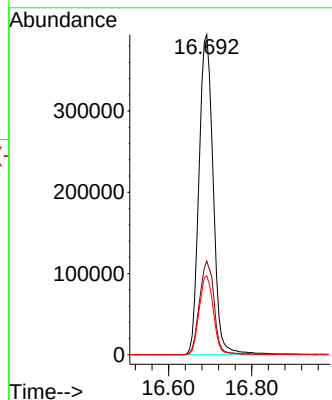
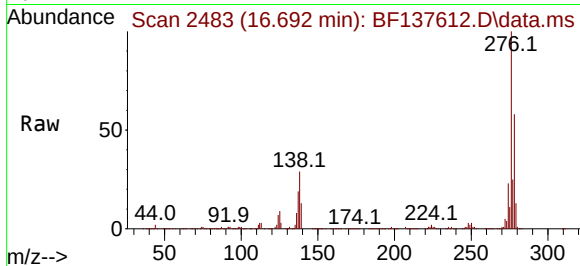




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.055 ng
 RT: 16.692 min Scan# 2177
 Delta R.T. 0.006 min
 Lab File: BF137612.D
 Acq: 15 Mar 2024 16:33

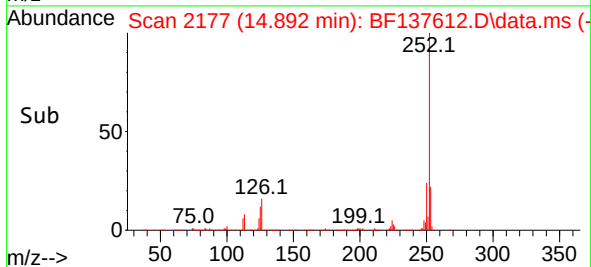
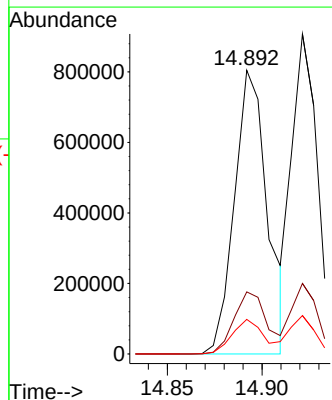
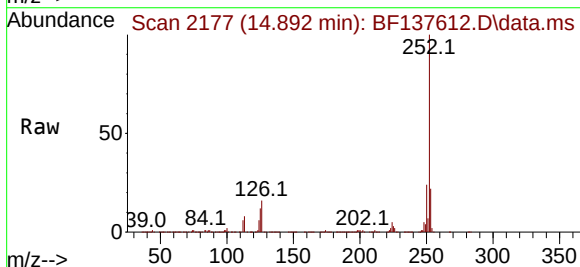
Instrument :
 BNA_F
 ClientSampleId :
 PB159613BS

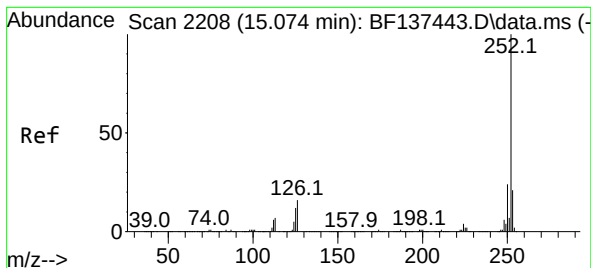
Tgt Ion:276 Resp: 936119
 Ion Ratio Lower Upper
 276 100
 138 30.3 25.8 38.8
 277 24.9 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 52.151 ng
 RT: 14.892 min Scan# 2177
 Delta R.T. -0.000 min
 Lab File: BF137612.D
 Acq: 15 Mar 2024 16:33

Tgt Ion:252 Resp: 974015
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.8 26.8
 125 12.2 10.1 15.1





#89

Benzo(k)fluoranthene

Concen: 44.663 ng

RT: 14.921 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF137612.D

Acq: 15 Mar 2024 16:33

Instrument :

BNA_F

ClientSampleId :

PB159613BS

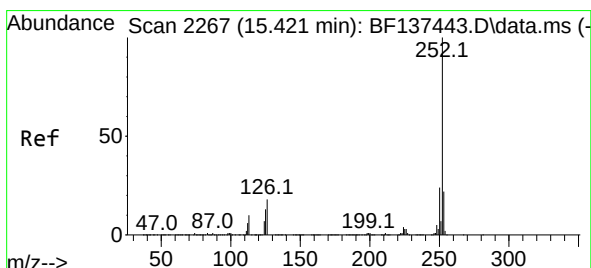
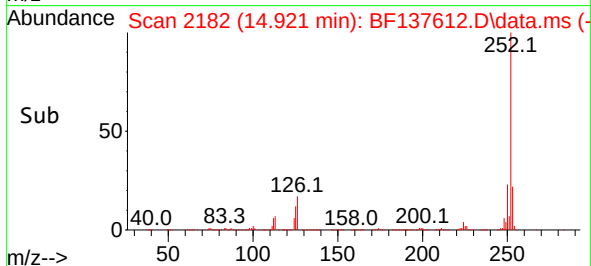
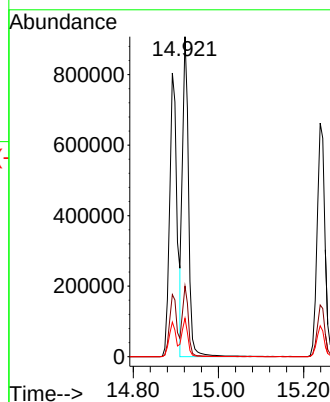
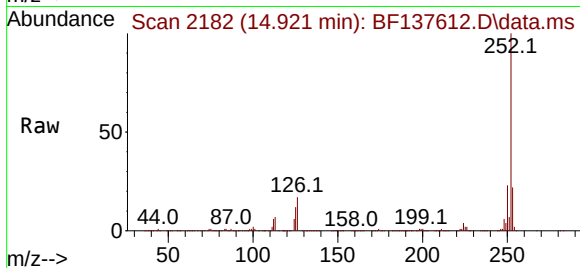
Tgt Ion:252 Resp: 895953

Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 12.0 9.6 14.4



#90

Benzo(a)pyrene

Concen: 46.020 ng

RT: 15.239 min Scan# 2236

Delta R.T. -0.000 min

Lab File: BF137612.D

Acq: 15 Mar 2024 16:33

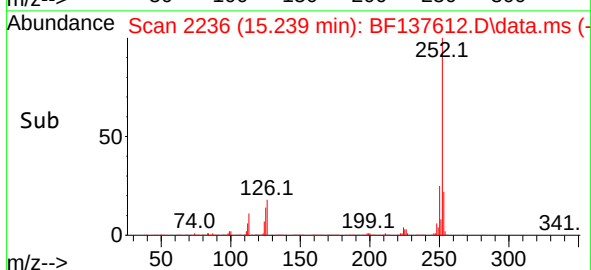
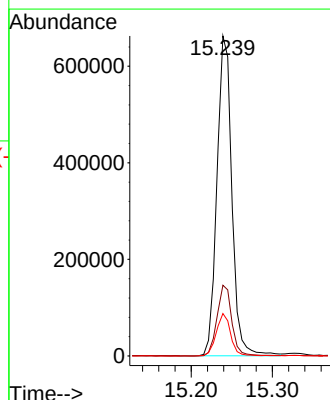
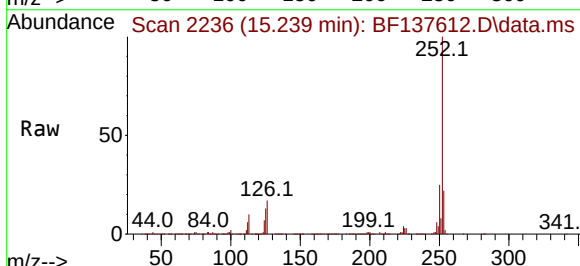
Tgt Ion:252 Resp: 847002

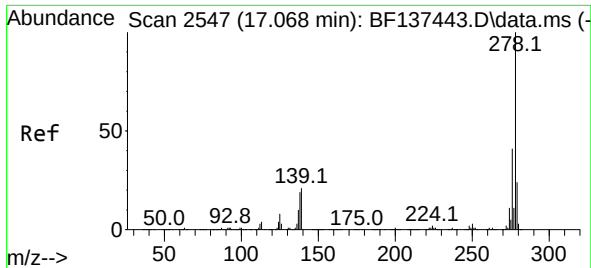
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

125 13.2 10.4 15.6

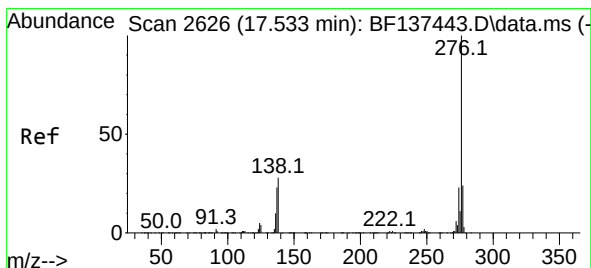
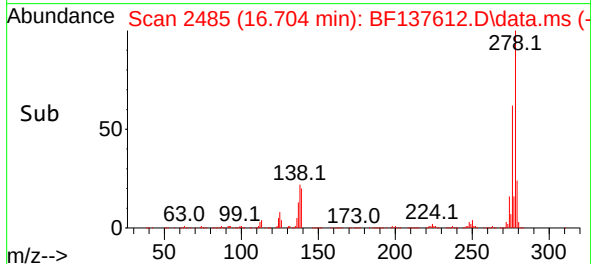
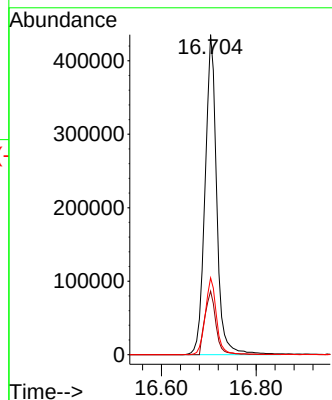
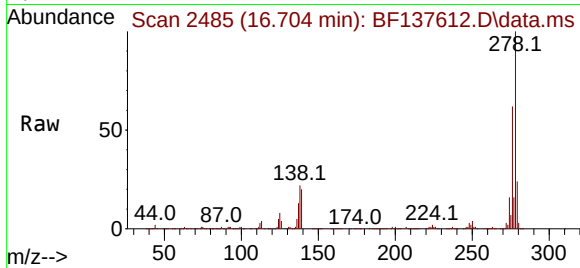




#91
Dibenzo(a,h)anthracene
Concen: 43.996 ng
RT: 16.704 min Scan# 24
Delta R.T. 0.006 min
Lab File: BF137612.D
Acq: 15 Mar 2024 16:33

Instrument :
BNA_F
ClientSampleId :
PB159613BS

Tgt Ion:278 Resp: 741531
Ion Ratio Lower Upper
278 100
139 19.9 17.0 25.6
279 24.0 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 43.052 ng
RT: 17.104 min Scan# 2553
Delta R.T. -0.000 min
Lab File: BF137612.D
Acq: 15 Mar 2024 16:33

Tgt Ion:276 Resp: 745212
Ion Ratio Lower Upper
276 100
277 23.6 19.0 28.4
138 26.8 22.2 33.2

