

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030524\
 Data File : BF137500.D
 Acq On : 05 Mar 2024 14:55
 Operator : CG\JU
 Sample : PB159437BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159437BS

Quant Time: Mar 05 15:18:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 00:26:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	241156	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	993842	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	546190	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	959824	20.000	ng	0.00
76) Chrysene-d12	14.057	240	505678	20.000	ng	0.00
86) Perylene-d12	15.580	264	456854	20.000	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	2054685	129.041	ng	0.02
7) Phenol-d6	6.516	99	2860710	124.465	ng	0.01
23) Nitrobenzene-d5	7.428	82	1816913	84.944	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	697619	145.444	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	2802623	80.322	ng	0.00
79) Terphenyl-d14	12.992	244	3215214	87.432	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.799	88	324520	37.274	ng	99
3) Pyridine	3.569	79	737418	35.119	ng	99
4) n-Nitrosodimethylamine	3.551	42	396339	46.708	ng	99
6) Aniline	6.534	93	700133	24.930	ng	# 82
8) 2-Chlorophenol	6.651	128	833198	49.612	ng	96
9) Benzaldehyde	6.422	77	60832	5.402	ng	97
10) Phenol	6.528	94	1116170	45.119	ng	89
11) bis(2-Chloroethyl)ether	6.604	93	854353	47.128	ng	97
12) 1,3-Dichlorobenzene	6.804	146	836414	46.607	ng	98
13) 1,4-Dichlorobenzene	6.881	146	851413	46.369	ng	99
14) 1,2-Dichlorobenzene	7.028	146	799293	47.426	ng	98
15) Benzyl Alcohol	7.010	79	769772	53.797	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.134	45	1367292	43.878	ng	94
17) 2-Methylphenol	7.122	107	690733	43.954	ng	97
18) Hexachloroethane	7.369	117	289159	47.827	ng	100
19) n-Nitroso-di-n-propyla...	7.281	70	621190	43.768	ng	99
20) 3+4-Methylphenols	7.275	107	776369	43.136	ng	91
22) Acetophenone	7.269	105	1091224	45.380	ng	# 97
24) Nitrobenzene	7.445	77	943605	43.915	ng	99
25) Isophorone	7.681	82	1821308	44.820	ng	99
26) 2-Nitrophenol	7.757	139	419184	49.139	ng	99
27) 2,4-Dimethylphenol	7.798	122	619277	38.851	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	1077294	45.184	ng	99
29) 2,4-Dichlorophenol	7.998	162	691950	47.300	ng	99
30) 1,2,4-Trichlorobenzene	8.081	180	706414	45.887	ng	100
31) Naphthalene	8.157	128	2278702	42.734	ng	100
32) Benzoic acid	7.951	122	432250	47.209	ng	99
33) 4-Chloroaniline	8.210	127	273177	13.065	ng	98
34) Hexachlorobutadiene	8.275	225	404094	44.461	ng	99
35) Caprolactam	8.598	113	237031m	47.784	ng	
36) 4-Chloro-3-methylphenol	8.704	107	755787	46.219	ng	100
37) 2-Methylnaphthalene	8.851	142	1414409	41.609	ng	99
38) 1-Methylnaphthalene	8.951	142	1336803	41.759	ng	99
40) 1,2,4,5-Tetrachloroben...	9.016	216	692861	45.439	ng	99
41) Hexachlorocyclopentadiene	9.004	237	590392	93.344	ng	99
43) 2,4,6-Trichlorophenol	9.133	196	481354	48.476	ng	99

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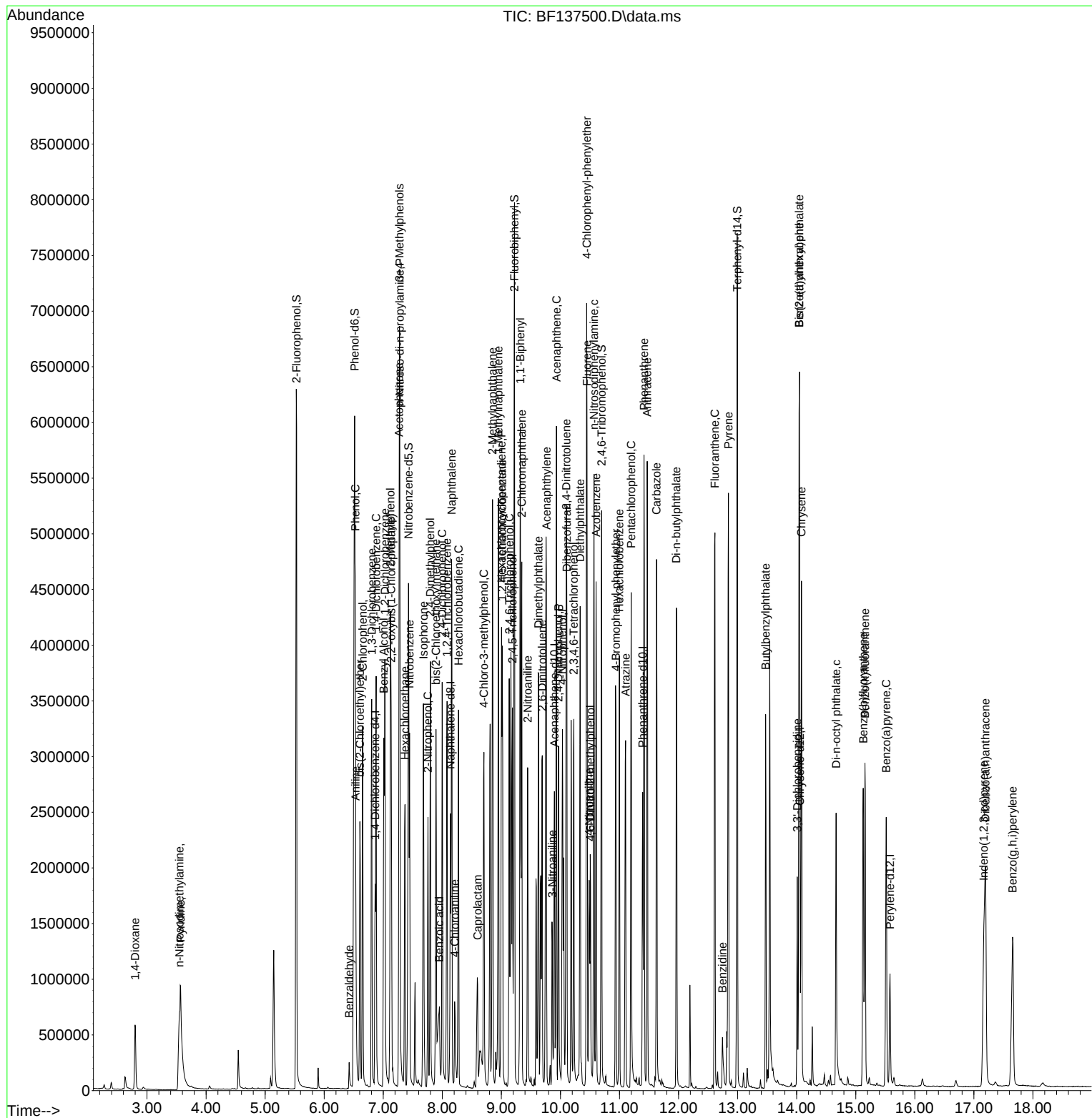
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	485048	42.405	ng	98
46) 1,1'-Biphenyl	9.322	154	1747583	43.716	ng	100
47) 2-Chloronaphthalene	9.345	162	1390235	45.613	ng	100
48) 2-Nitroaniline	9.445	65	512718	49.493	ng	94
49) Acenaphthylene	9.763	152	2195679	45.015	ng	99
50) Dimethylphthalate	9.628	163	1690509	44.462	ng	99
51) 2,6-Dinitrotoluene	9.692	165	377749	47.501	ng	90
52) Acenaphthene	9.933	154	1229734	42.230	ng	99
53) 3-Nitroaniline	9.863	138	240596	28.603	ng	89
54) 2,4-Dinitrophenol	9.969	184	391678	98.822	ng	94
55) Dibenzofuran	10.110	168	1861882	41.980	ng	97
56) 4-Nitrophenol	10.033	139	567081	93.923	ng	95
57) 2,4-Dinitrotoluene	10.098	165	460747	47.158	ng	93
58) Fluorene	10.451	166	1427385	41.906	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.227	232	420990m	45.896	ng	
60) Diethylphthalate	10.333	149	1578392	43.961	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	692602	41.490	ng	93
62) 4-Nitroaniline	10.486	138	341511	47.237	ng	98
63) Azobenzene	10.604	77	1798359	43.498	ng	97
65) 4,6-Dinitro-2-methylph...	10.510	198	276166	51.624	ng	83
66) n-Nitrosodiphenylamine	10.569	169	1316925	42.608	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	458323	43.841	ng	97
68) Hexachlorobenzene	10.998	284	502098	47.552	ng	95
69) Atrazine	11.104	200	389379	41.442	ng	98
70) Pentachlorophenol	11.198	266	569085	89.156	ng	100
71) Phenanthrene	11.416	178	2209728	42.303	ng	98
72) Anthracene	11.469	178	2237970	41.715	ng	99
73) Carbazole	11.627	167	2031993	44.218	ng	100
74) Di-n-butylphthalate	11.963	149	2400828	43.911	ng	99
75) Fluoranthene	12.616	202	2202954	43.145	ng	97
77) Benzidine	12.745	184	252829	20.430	ng	98
78) Pyrene	12.845	202	2246752	45.281	ng	99
80) Butylbenzylphthalate	13.474	149	715639	56.475	ng	98
81) Benzo(a)anthracene	14.045	228	1600589	45.160	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	378310	40.082	ng	100
83) Chrysene	14.080	228	1597174	44.587	ng	98
84) Bis(2-ethylhexyl)phtha...	14.045	149	859661	53.374	ng	# 98
85) Di-n-octyl phthalate	14.668	149	1450013	46.863	ng	98
87) Indeno(1,2,3-cd)pyrene	17.168	276	1502652	49.982	ng	98
88) Benzo(b)fluoranthene	15.127	252	1339054	49.549	ng	99
89) Benzo(k)fluoranthene	15.157	252	1366144	47.064	ng	98
90) Benzo(a)pyrene	15.515	252	1245334	46.762	ng	100
91) Dibenzo(a,h)anthracene	17.198	278	1210847	49.649	ng	98
92) Benzo(g,h,i)perylene	17.656	276	1226921	48.986	ng	99

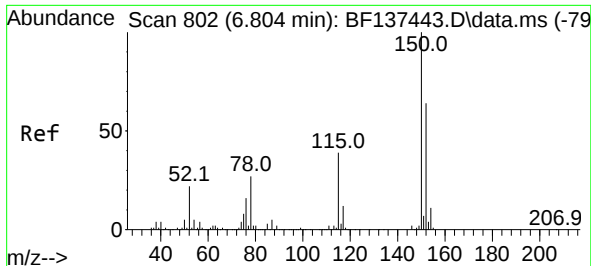
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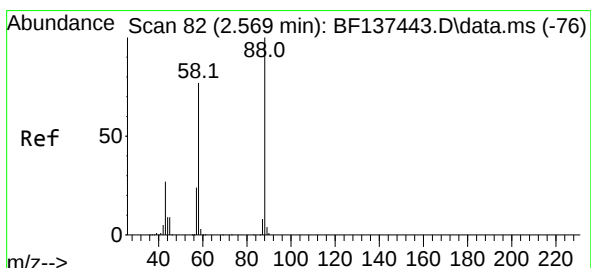
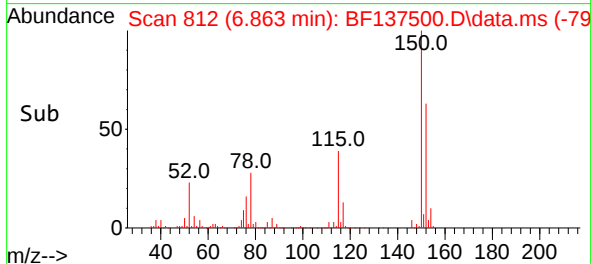
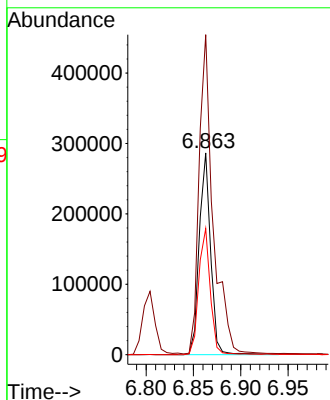
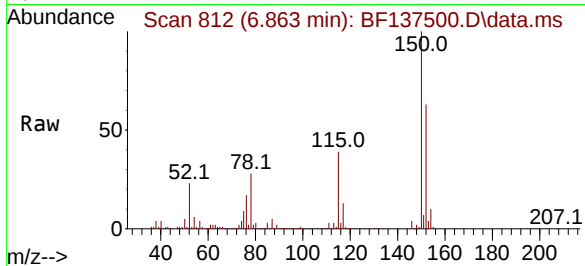




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF137500.D
Acq: 05 Mar 2024 14:55

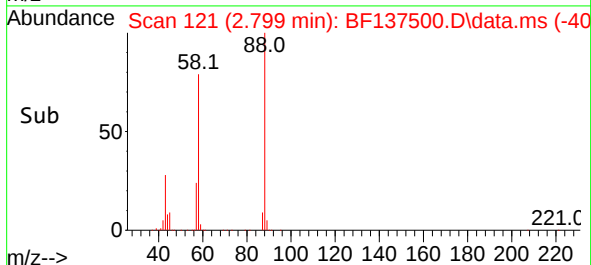
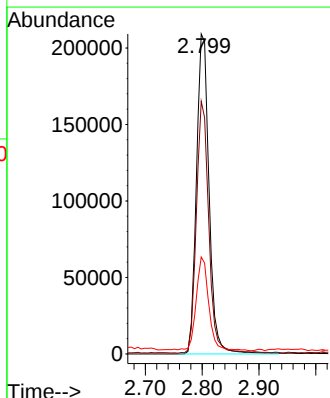
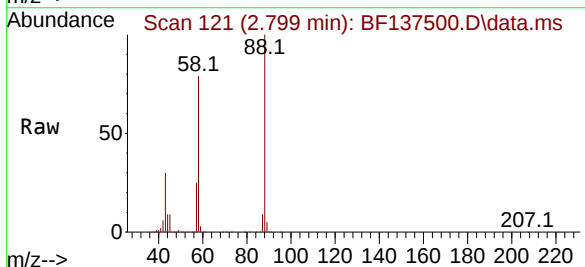
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BNA_F
ClientSampleId :
PB159437BS

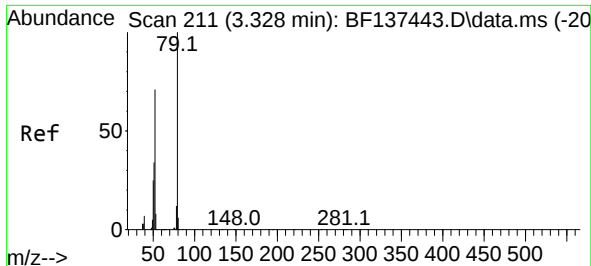
Tgt Ion:152 Resp: 241156
Ion Ratio Lower Upper
152 100
150 158.5 125.8 188.6
115 62.4 48.8 73.2



#2
1,4-Dioxane
Concen: 37.274 ng
RT: 2.799 min Scan# 121
Delta R.T. 0.124 min
Lab File: BF137500.D
Acq: 05 Mar 2024 14:55

Tgt Ion: 88 Resp: 324520
Ion Ratio Lower Upper
88 100
58 77.1 61.8 92.8
43 29.5 22.2 33.4

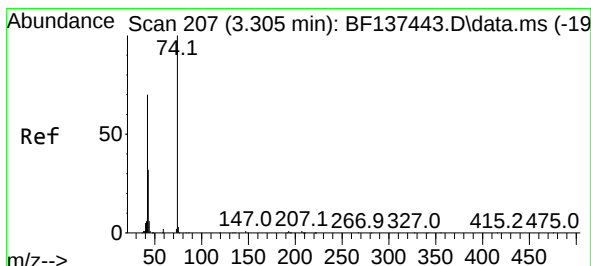
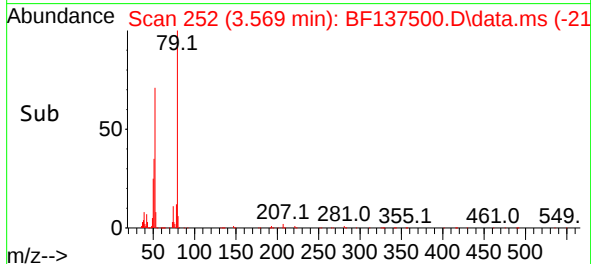
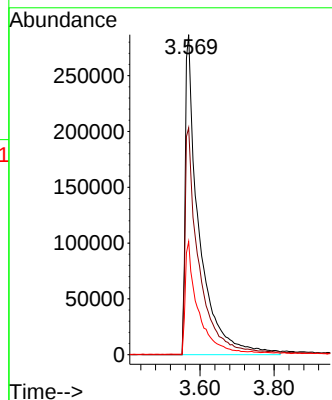
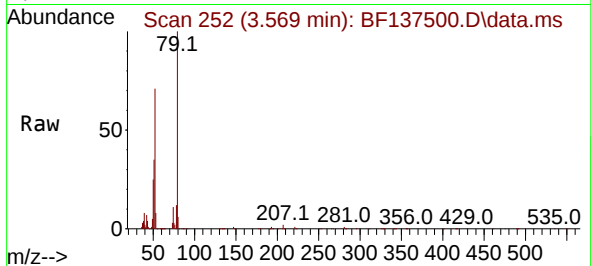




#3
Pyridine
Concen: 35.119 ng
RT: 3.569 min Scan# 211
Delta R.T. 0.106 min
Lab File: BF137500.D
Acq: 05 Mar 2024 14:55

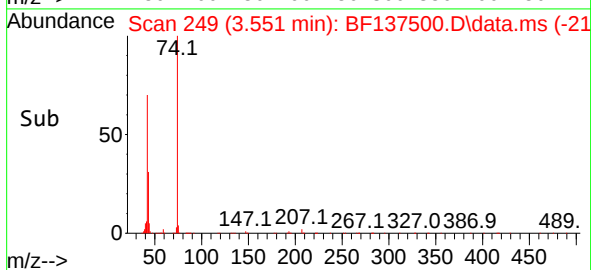
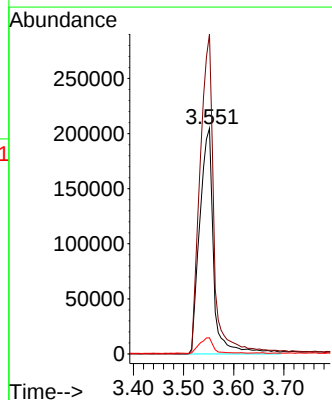
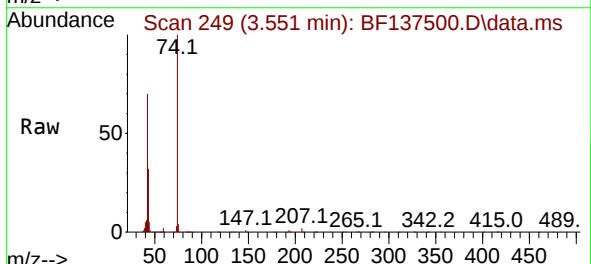
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ClientSampleId :
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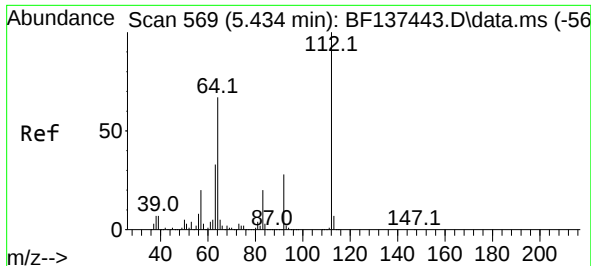
Tgt Ion: 79 Resp: 737418
Ion Ratio Lower Upper
79 100
52 70.9 57.0 85.4
51 35.3 27.5 41.3



#4
n-Nitrosodimethylamine
Concen: 46.708 ng
RT: 3.551 min Scan# 249
Delta R.T. 0.106 min
Lab File: BF137500.D
Acq: 05 Mar 2024 14:55

Tgt Ion: 42 Resp: 396339
Ion Ratio Lower Upper
42 100
74 141.9 114.0 171.0
44 7.2 7.0 10.4

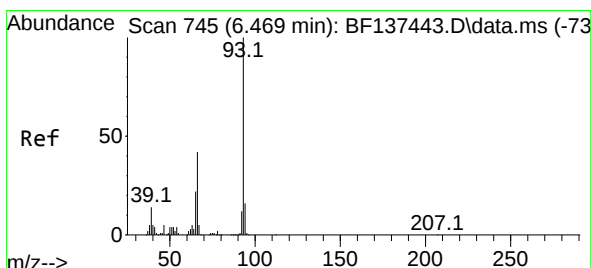
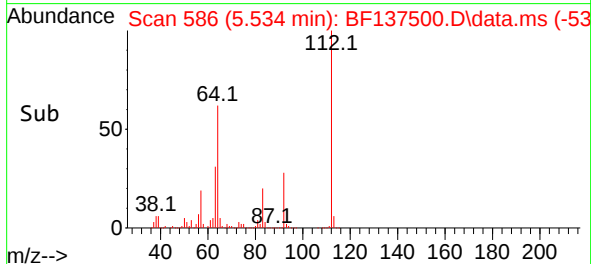
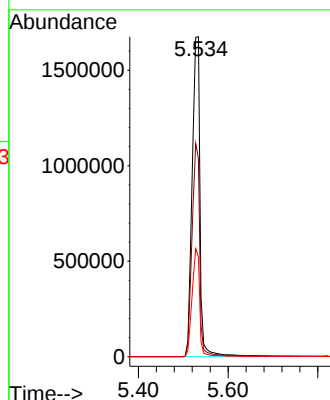
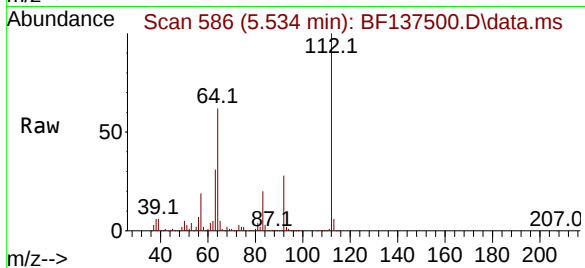




#5
2-Fluorophenol
Concen: 129.041 ng
RT: 5.534 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF137500.D
Acq: 05 Mar 2024 14:55

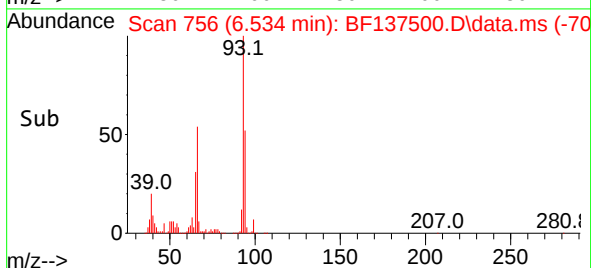
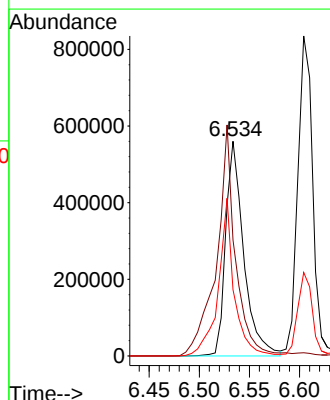
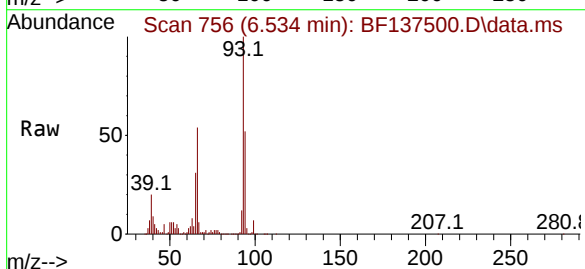
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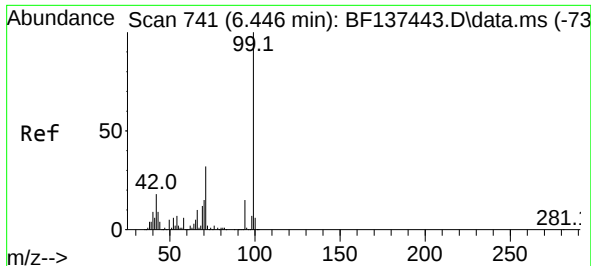
Tgt Ion:112 Resp: 2054685
Ion Ratio Lower Upper
112 100
64 61.9 53.4 80.2
63 31.1 26.2 39.2



#6
Aniline
Concen: 24.930 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF137500.D
Acq: 05 Mar 2024 14:55

Tgt Ion: 93 Resp: 700133
Ion Ratio Lower Upper
93 100
66 54.0 34.0 51.0#
65 30.9 17.8 26.8#

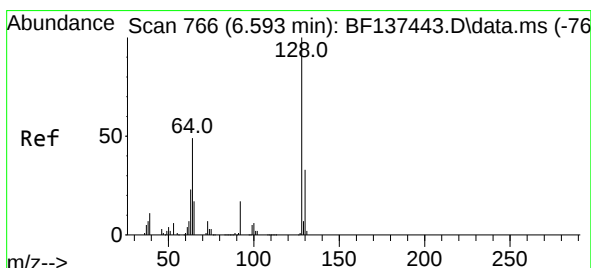
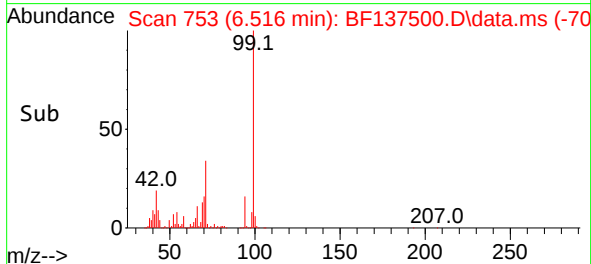
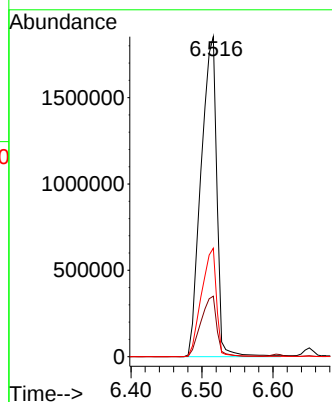
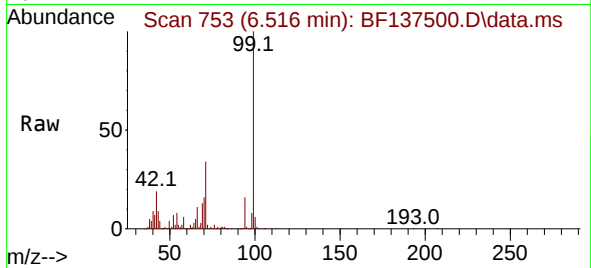




#7
Phenol-d6
Concen: 124.465 ng
RT: 6.516 min Scan# 741
Delta R.T. 0.012 min
Lab File: BF137500.D
Acq: 05 Mar 2024 14:55

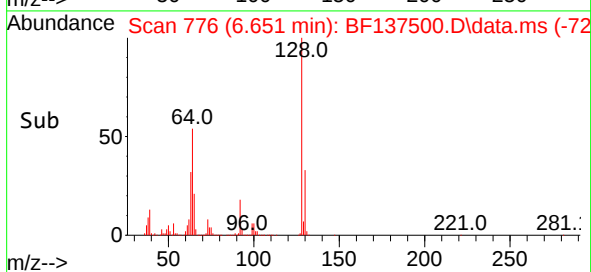
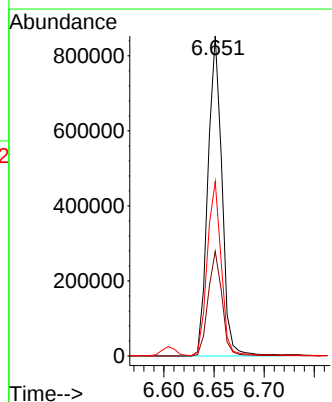
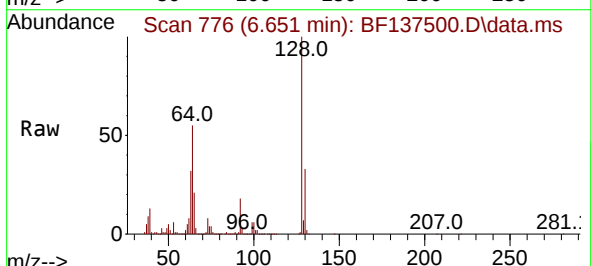
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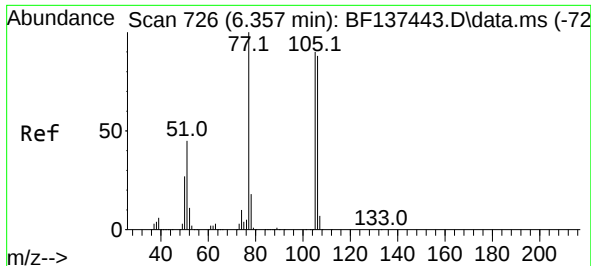
Tgt Ion: 99 Resp: 2860710
Ion Ratio Lower Upper
99 100
42 18.9 14.6 21.8
71 33.9 25.3 37.9



#8
2-Chlorophenol
Concen: 49.612 ng
RT: 6.651 min Scan# 776
Delta R.T. 0.000 min
Lab File: BF137500.D
Acq: 05 Mar 2024 14:55

Tgt Ion:128 Resp: 833198
Ion Ratio Lower Upper
128 100
130 32.7 13.4 53.4
64 54.5 30.0 70.0





#9

Benzaldehyde

Concen: 5.402 ng

RT: 6.422 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF137500.D

Acq: 05 Mar 2024 14:55

Instrument :

BNA_F

ClientSampleId :

PB159437BS

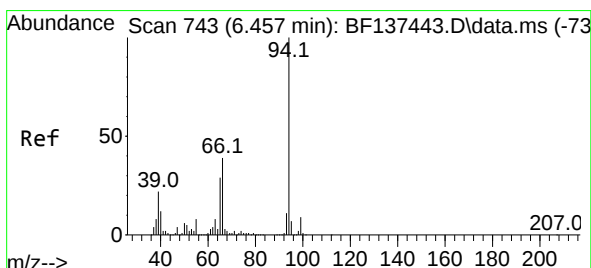
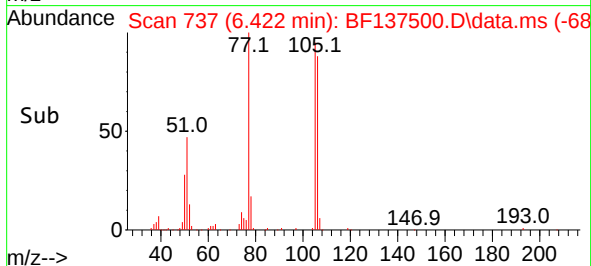
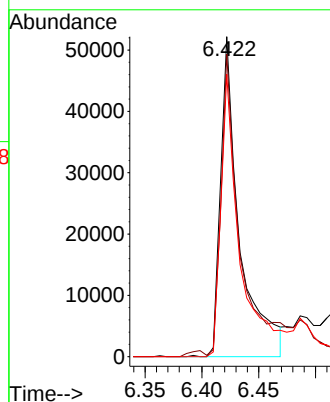
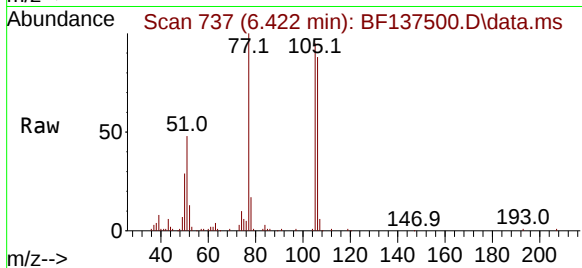
Tgt Ion: 77 Resp: 60832

Ion Ratio Lower Upper

77 100

105 94.5 69.8 109.8

106 88.3 67.8 107.8



#10

Phenol

Concen: 45.119 ng

RT: 6.528 min Scan# 755

Delta R.T. 0.012 min

Lab File: BF137500.D

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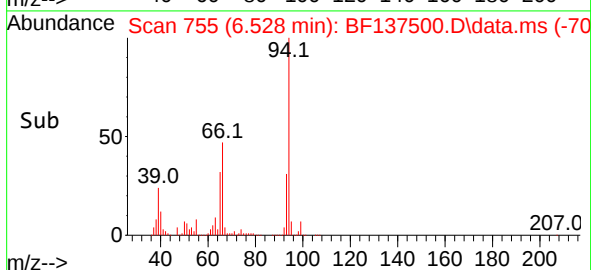
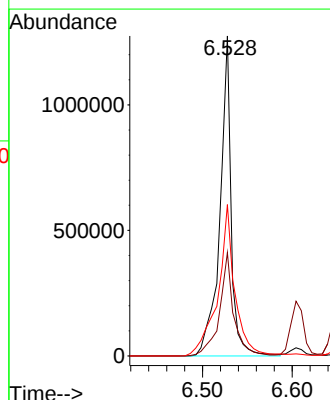
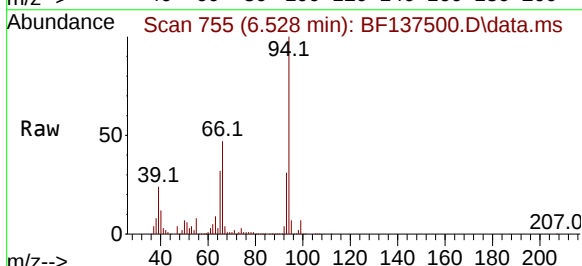
Tgt Ion: 94 Resp: 1116170

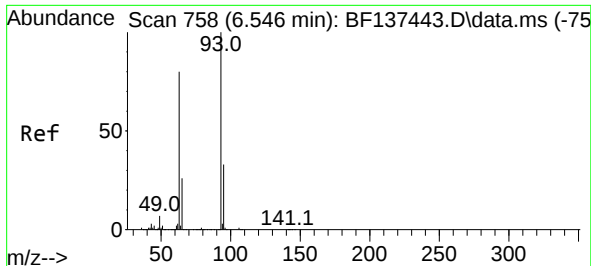
Ion Ratio Lower Upper

94 100

65 32.3 8.7 48.7

66 47.3 18.6 58.6

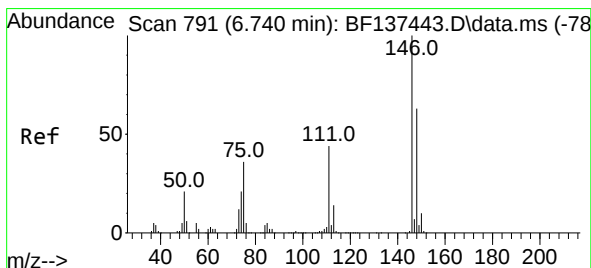
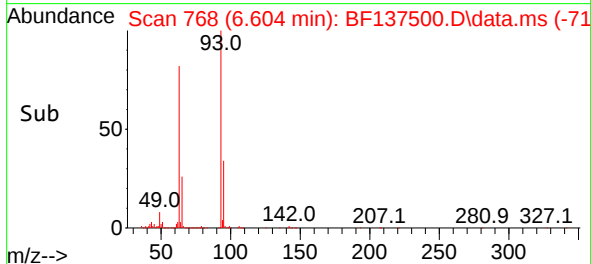
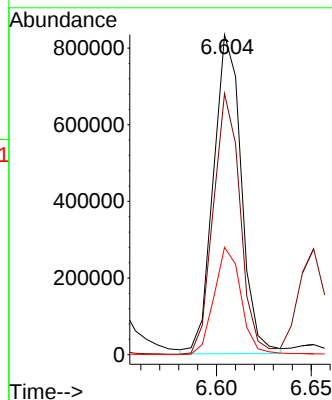
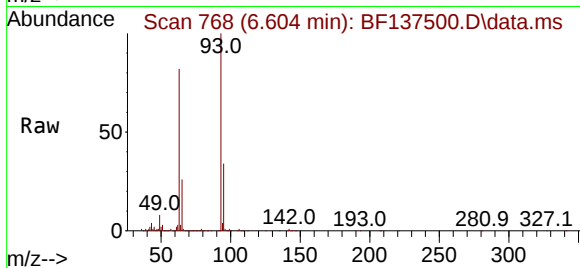




#11
bis(2-Chloroethyl)ether
Concen: 47.128 ng
RT: 6.604 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF137500.D
Acq: 05 Mar 2024 14:55

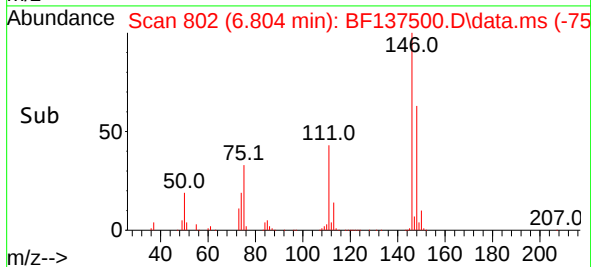
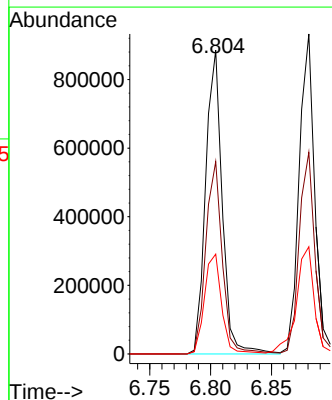
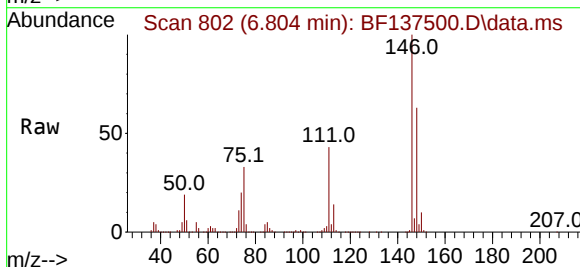
Instrument :
BNA_F
ClientSampleId :
PB159437BS

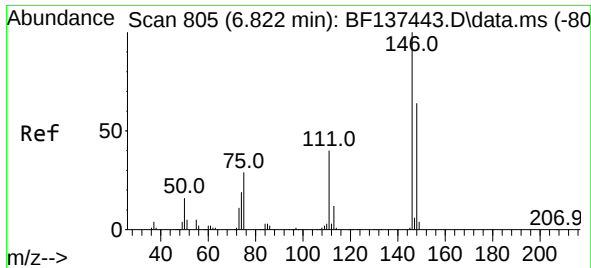
Tgt Ion: 93 Resp: 854353
Ion Ratio Lower Upper
93 100
63 81.7 58.9 98.9
95 33.6 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 46.607 ng
RT: 6.804 min Scan# 802
Delta R.T. 0.000 min
Lab File: BF137500.D
Acq: 05 Mar 2024 14:55

Tgt Ion:146 Resp: 836414
Ion Ratio Lower Upper
146 100
148 63.3 50.3 75.5
75 32.9 29.0 43.4

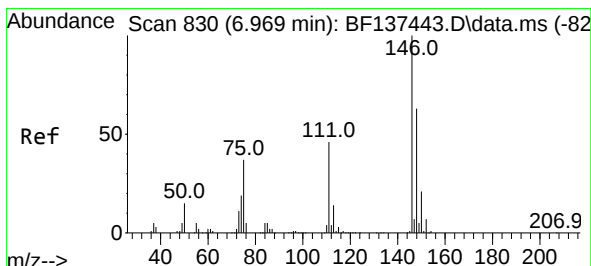
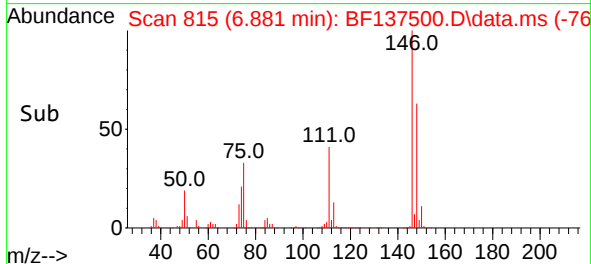
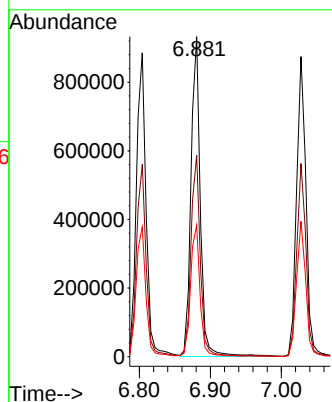
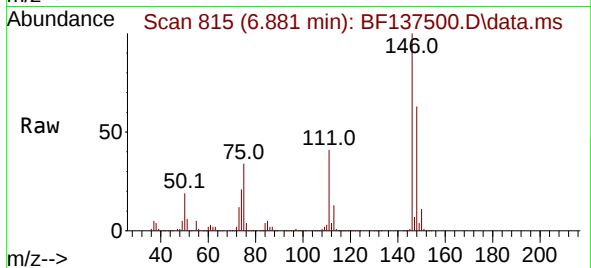




#13
1,4-Dichlorobenzene
Concen: 46.369 ng
RT: 6.881 min Scan# 815
Delta R.T. 0.000 min
Lab File: BF137500.D
Acq: 05 Mar 2024 14:55

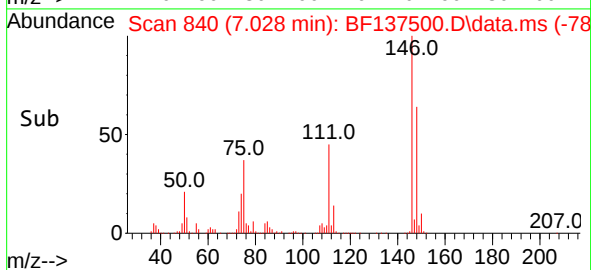
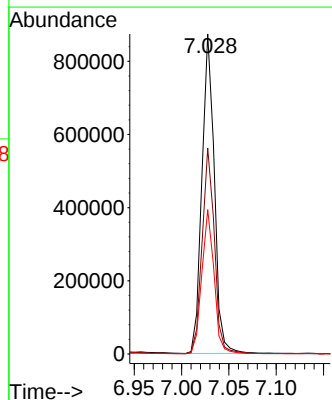
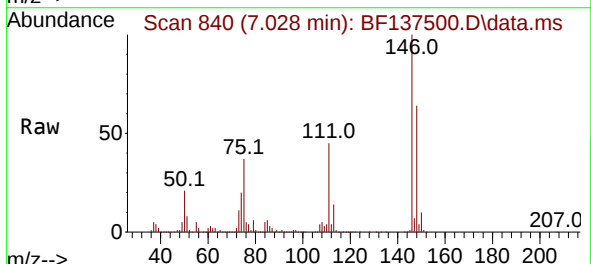
Instrument :
BNA_F
ClientSampleId :
PB159437BS

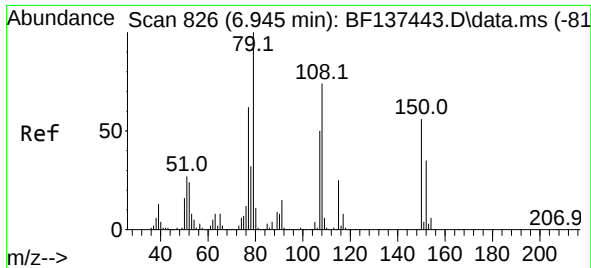
Tgt Ion:146 Resp: 851413
Ion Ratio Lower Upper
146 100
148 63.0 51.2 76.8
111 41.2 32.4 48.6



#14
1,2-Dichlorobenzene
Concen: 47.426 ng
RT: 7.028 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF137500.D
Acq: 05 Mar 2024 14:55

Tgt Ion:146 Resp: 799293
Ion Ratio Lower Upper
146 100
148 64.4 50.0 75.0
111 45.1 36.8 55.2

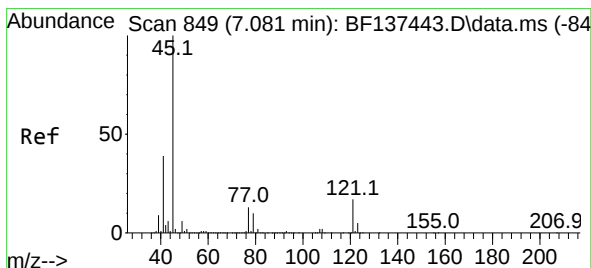
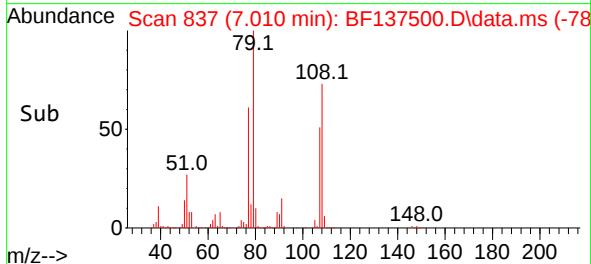
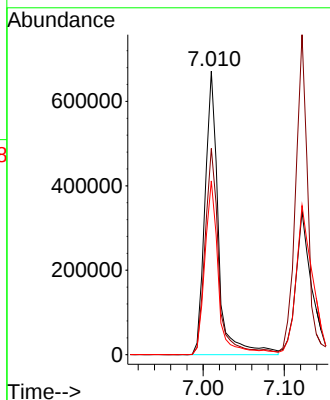
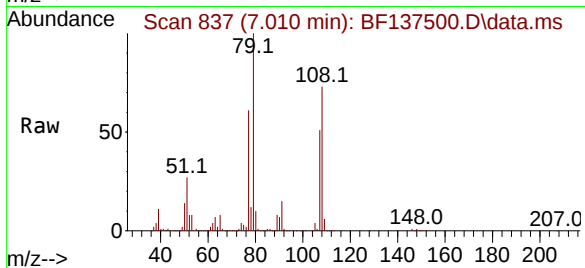




#15
Benzyl Alcohol
Concen: 53.797 ng
RT: 7.010 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF137500.D
Acq: 05 Mar 2024 14:55

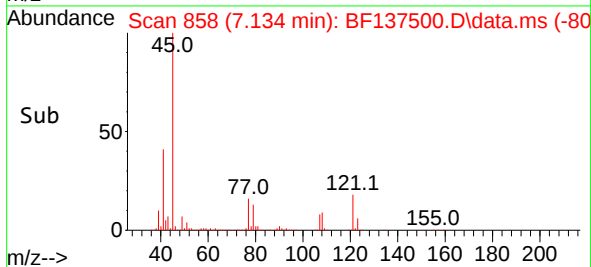
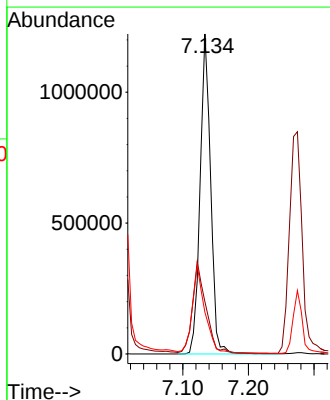
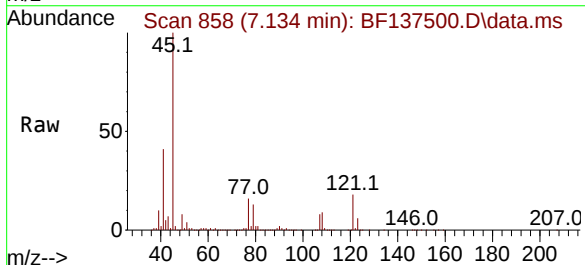
Instrument :
BNA_F
ClientSampleId :
PB159437BS

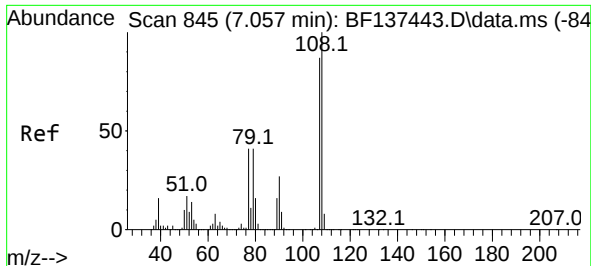
Tgt Ion: 79 Resp: 769772
Ion Ratio Lower Upper
79 100
108 72.7 59.5 89.3
77 61.3 50.0 75.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 43.878 ng
RT: 7.134 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF137500.D
Acq: 05 Mar 2024 14:55

Tgt Ion: 45 Resp: 1367292
Ion Ratio Lower Upper
45 100
77 16.3 0.0 33.4
79 13.0 0.0 30.9

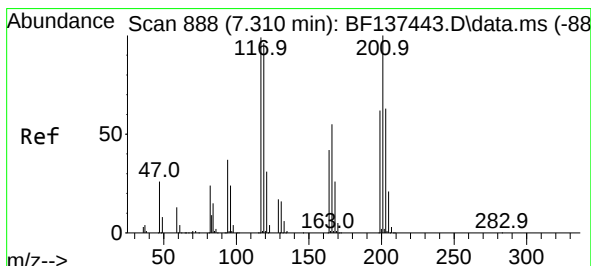
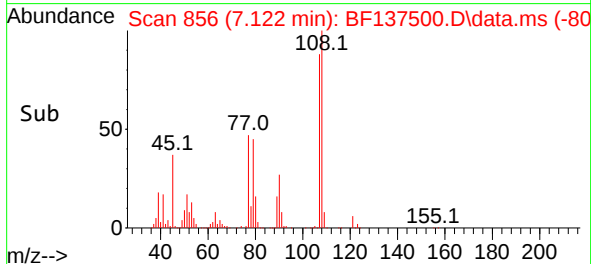
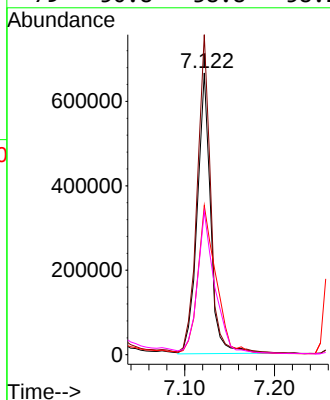
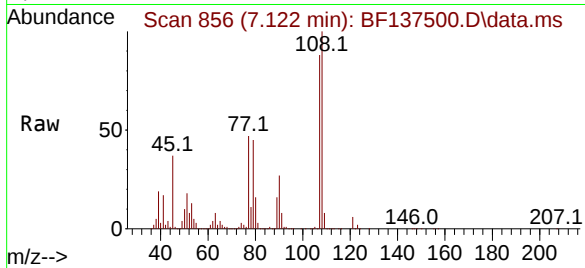




#17
2-Methylphenol
Concen: 43.954 ng
RT: 7.122 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF137500.D
Acq: 05 Mar 2024 14:55

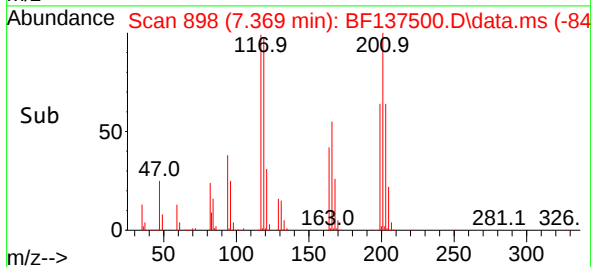
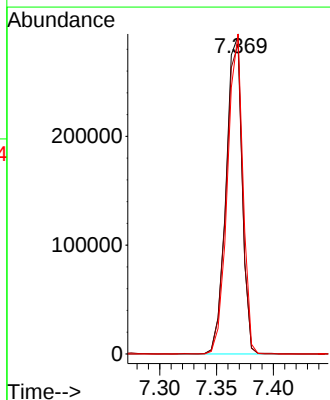
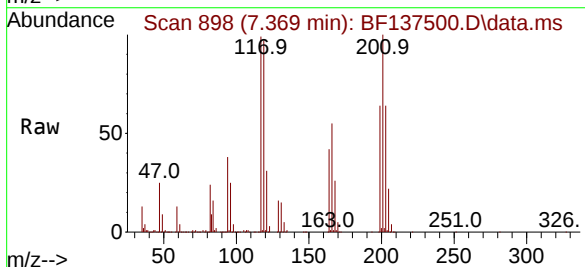
Instrument :
BNA_F
ClientSampleId :
PB159437BS

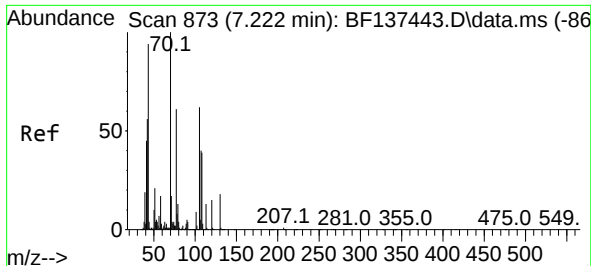
Tgt Ion:107 Resp: 690733
Ion Ratio Lower Upper
107 100
108 113.6 92.2 138.4
77 52.9 38.6 57.8
79 50.8 38.8 58.2



#18
Hexachloroethane
Concen: 47.827 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.006 min
Lab File: BF137500.D
Acq: 05 Mar 2024 14:55

Tgt Ion:117 Resp: 289159
Ion Ratio Lower Upper
117 100
119 97.5 77.5 116.3
201 100.7 80.6 121.0

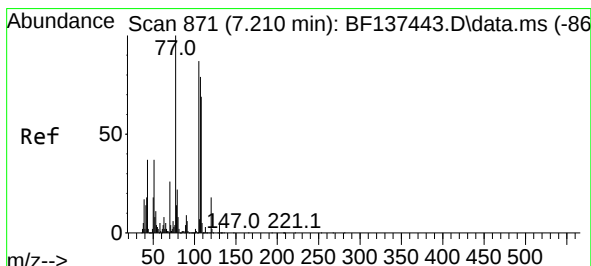
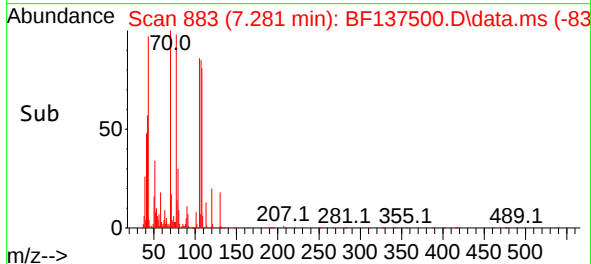
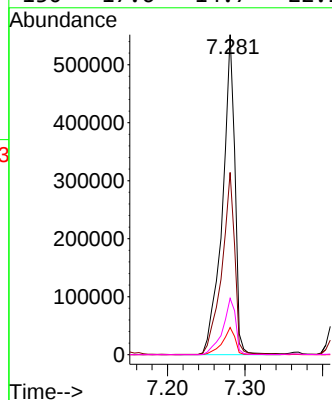
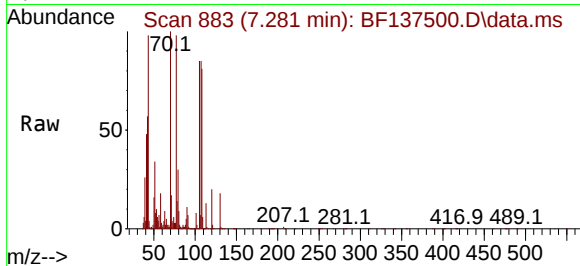




#19
n-Nitroso-di-n-propylamine
Concen: 43.768 ng
RT: 7.281 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137500.D
Acq: 05 Mar 2024 14:55

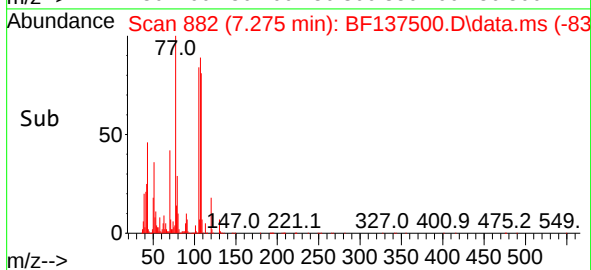
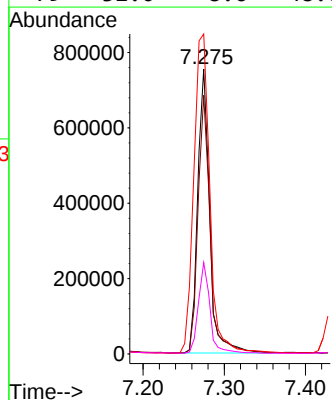
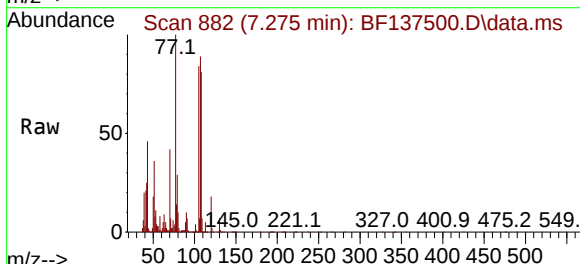
Instrument :
BNA_F
ClientSampleId :
PB159437BS

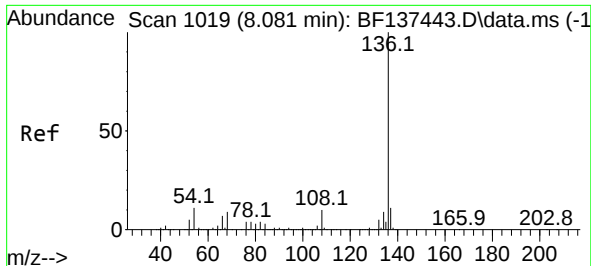
Tgt Ion: 70 Resp: 621190
Ion Ratio Lower Upper
70 100
42 57.0 45.2 67.8
101 8.5 7.3 10.9
130 17.6 14.7 22.1



#20
3+4-Methylphenols
Concen: 43.136 ng
RT: 7.275 min Scan# 882
Delta R.T. 0.006 min
Lab File: BF137500.D
Acq: 05 Mar 2024 14:55

Tgt Ion:107 Resp: 776369
Ion Ratio Lower Upper
107 100
108 90.7 67.6 107.6
77 112.3 107.1 147.1
79 32.0 8.6 48.6

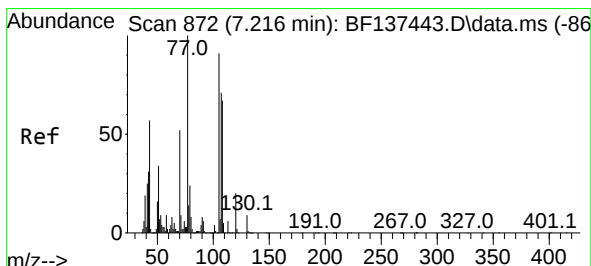
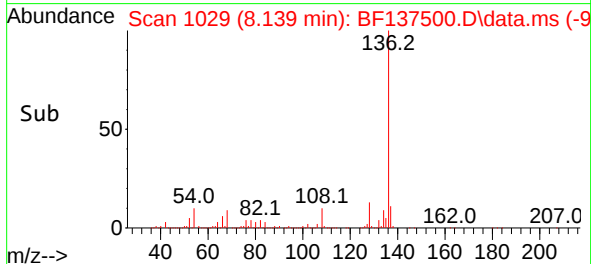
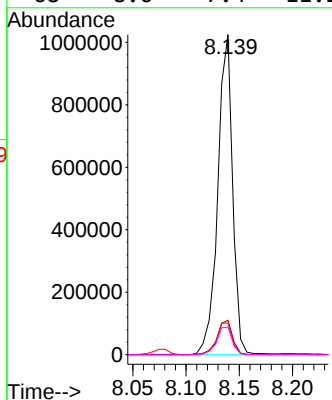
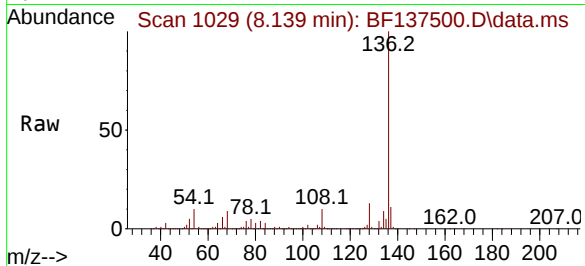




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1019
Delta R.T. 0.006 min
Lab File: BF137500.D
Acq: 05 Mar 2024 14:55

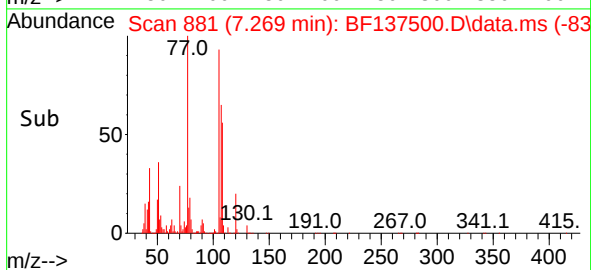
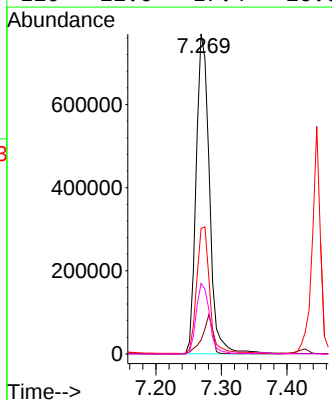
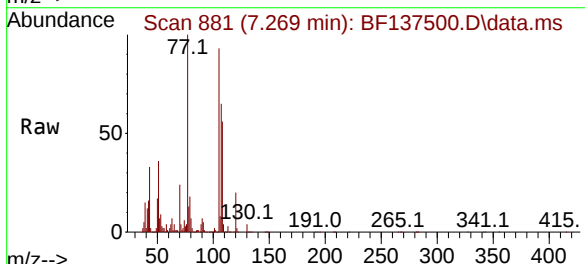
Instrument :
BNA_F
ClientSampleId :
PB159437BS

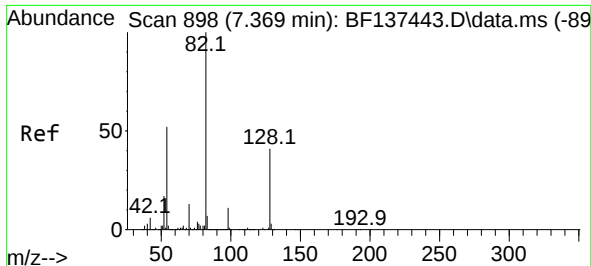
Tgt Ion:136 Resp: 993842
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 9.9 8.5 12.7
68 8.6 7.4 11.2



#22
Acetophenone
Concen: 45.380 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF137500.D
Acq: 05 Mar 2024 14:55

Tgt Ion:105 Resp: 1091224
Ion Ratio Lower Upper
105 100
71 4.4 7.7 11.5#
51 39.3 30.4 45.6
120 22.0 17.4 26.0





#23

Nitrobenzene-d5

Concen: 84.944 ng

RT: 7.428 min Scan# 908

Delta R.T. 0.000 min

Lab File: BF137500.D

Acq: 05 Mar 2024 14:55

Instrument :

BNA_F

ClientSampleId :

PB159437BS

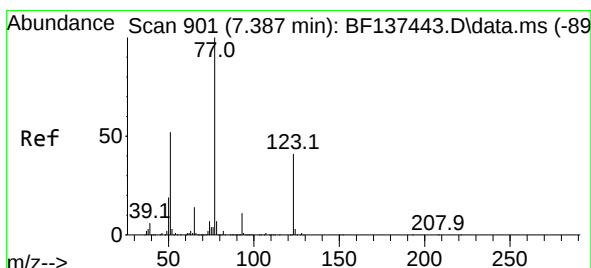
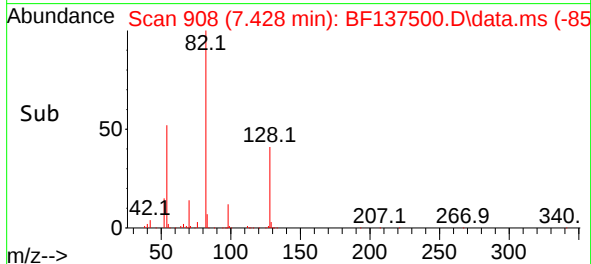
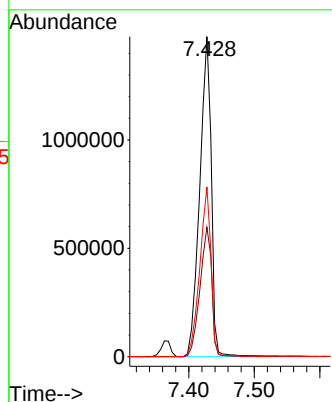
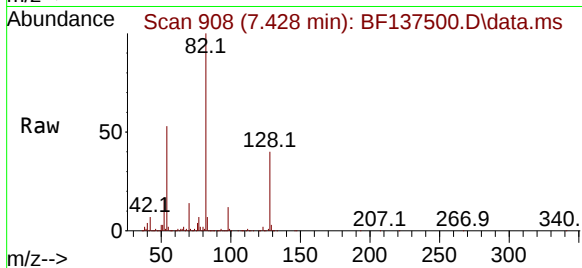
Tgt Ion: 82 Resp: 1816913

Ion Ratio Lower Upper

82 100

128 40.4 32.5 48.7

54 53.0 41.5 62.3



#24

Nitrobenzene

Concen: 43.915 ng

RT: 7.445 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF137500.D

Acq: 05 Mar 2024 14:55

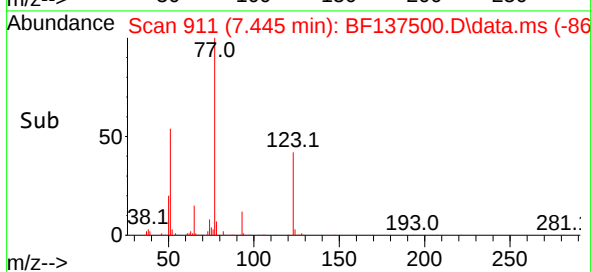
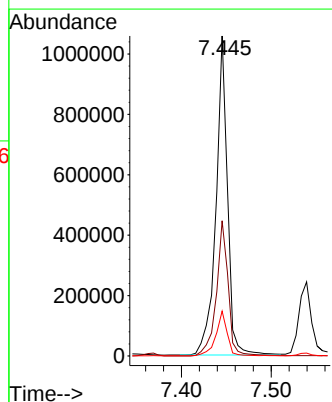
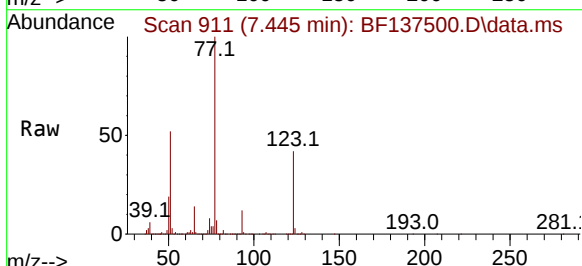
Tgt Ion: 77 Resp: 943605

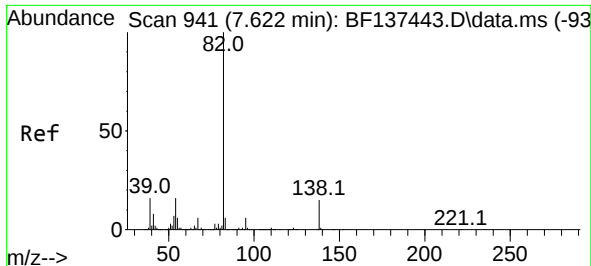
Ion Ratio Lower Upper

77 100

123 42.3 33.0 49.6

65 14.0 10.9 16.3

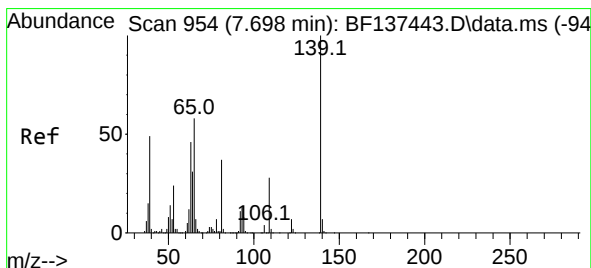
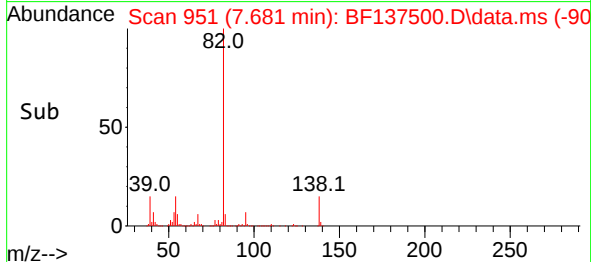
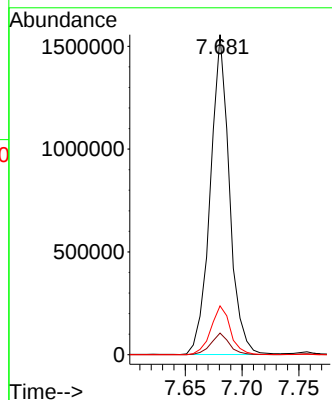
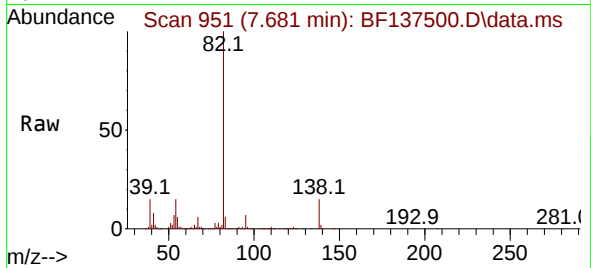




#25
Isophorone
Concen: 44.820 ng
RT: 7.681 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF137500.D
Acq: 05 Mar 2024 14:55

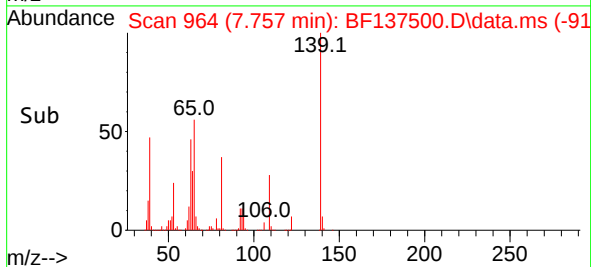
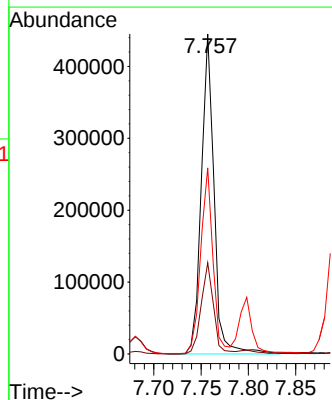
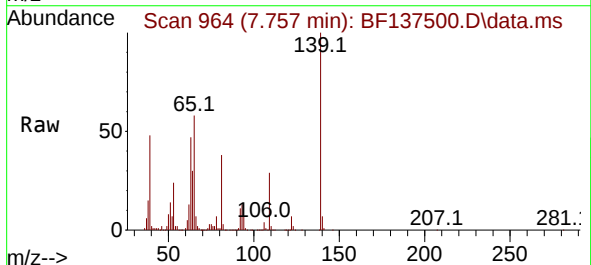
Instrument :
BNA_F
ClientSampleId :
PB159437BS

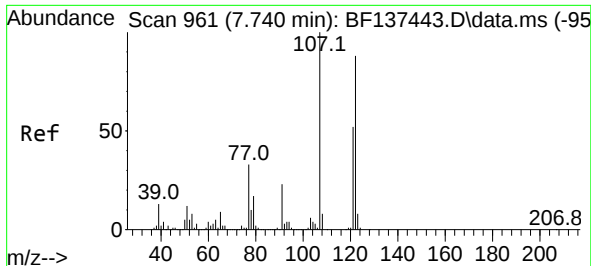
Tgt Ion: 82 Resp: 1821308
Ion Ratio Lower Upper
82 100
95 6.8 5.1 7.7
138 15.2 11.8 17.8



#26
2-Nitrophenol
Concen: 49.139 ng
RT: 7.757 min Scan# 964
Delta R.T. 0.000 min
Lab File: BF137500.D
Acq: 05 Mar 2024 14:55

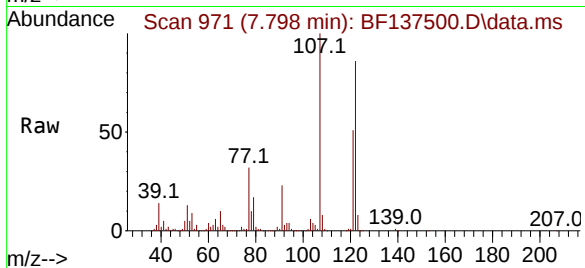
Tgt Ion:139 Resp: 419184
Ion Ratio Lower Upper
139 100
109 28.5 22.2 33.4
65 58.1 46.2 69.2



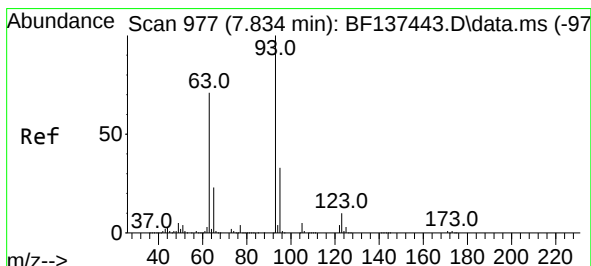
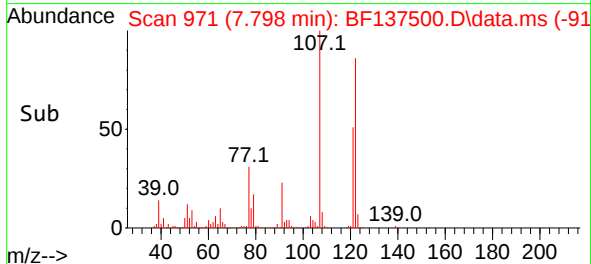
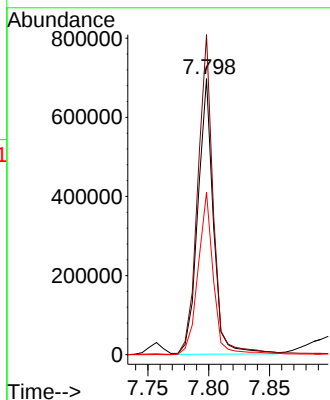


#27
2,4-Dimethylphenol
Concen: 38.851 ng
RT: 7.798 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF137500.D
Acq: 05 Mar 2024 14:55

Instrument :
BNA_F
ClientSampleId :
PB159437BS

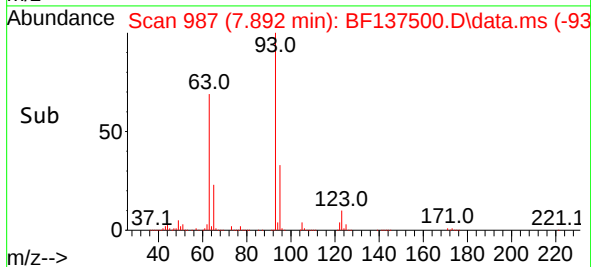
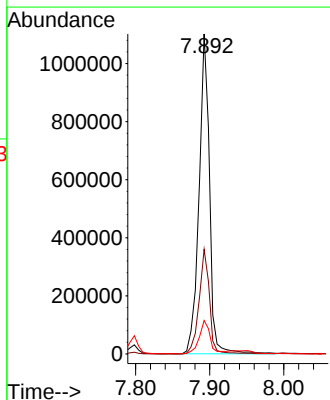
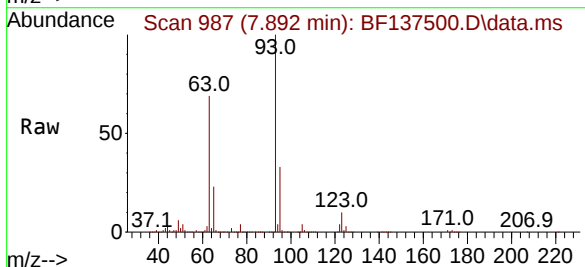


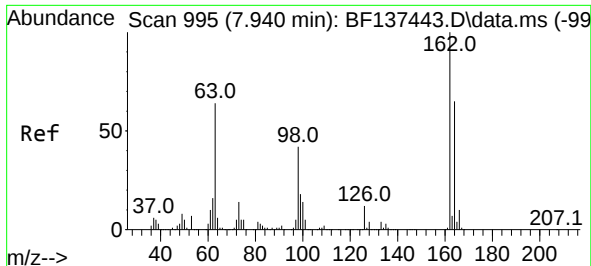
Tgt Ion:122 Resp: 619277
Ion Ratio Lower Upper
122 100
107 115.9 90.9 136.3
121 58.8 47.0 70.6



#28
bis(2-Chloroethoxy)methane
Concen: 45.184 ng
RT: 7.892 min Scan# 987
Delta R.T. 0.000 min
Lab File: BF137500.D
Acq: 05 Mar 2024 14:55

Tgt Ion: 93 Resp: 1077294
Ion Ratio Lower Upper
93 100
95 32.7 26.5 39.7
123 10.5 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 47.300 ng

RT: 7.998 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF137500.D

Acq: 05 Mar 2024 14:55

Instrument :

BNA_F

ClientSampleId :

PB159437BS

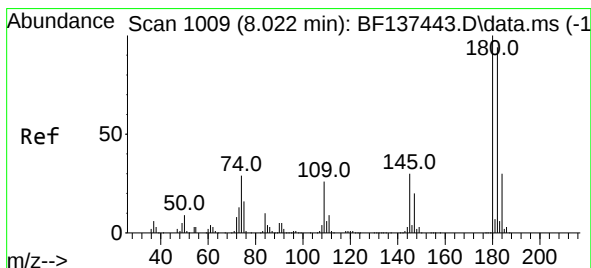
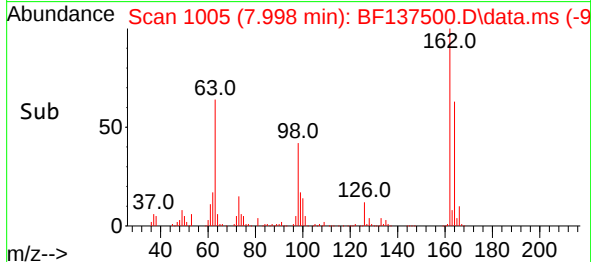
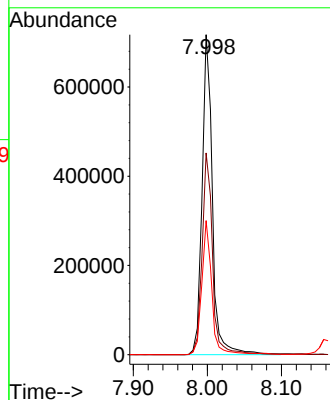
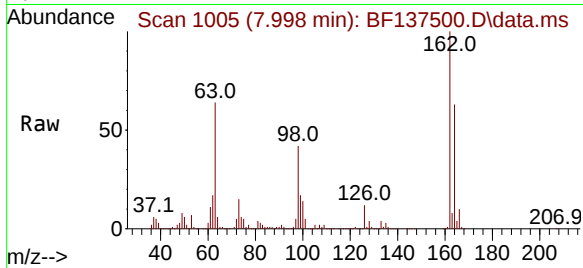
Tgt Ion:162 Resp: 691950

Ion Ratio Lower Upper

162 100

164 63.0 44.7 84.7

98 41.9 22.0 62.0



#30

1,2,4-Trichlorobenzene

Concen: 45.887 ng

RT: 8.081 min Scan# 1019

Delta R.T. 0.006 min

Lab File: BF137500.D

Acq: 05 Mar 2024 14:55

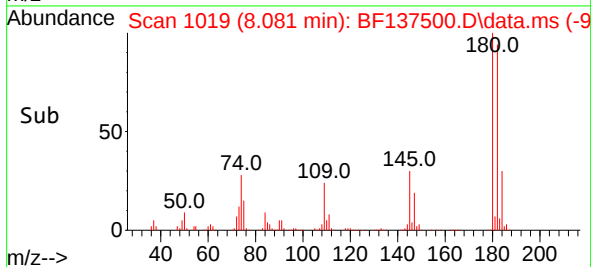
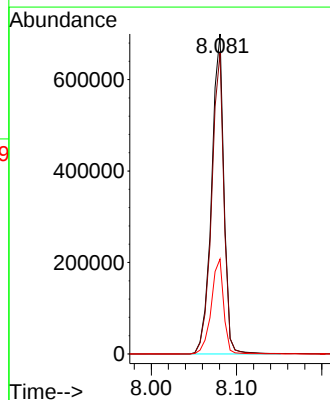
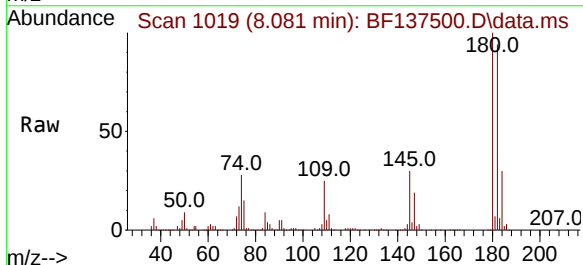
Tgt Ion:180 Resp: 706414

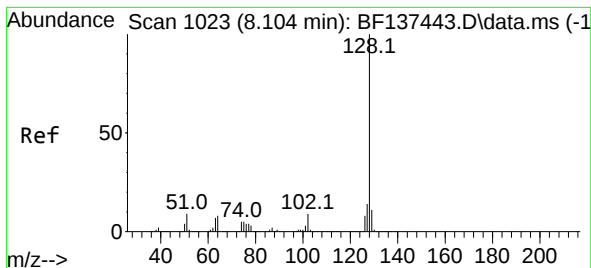
Ion Ratio Lower Upper

180 100

182 94.1 75.0 112.6

145 29.7 23.7 35.5

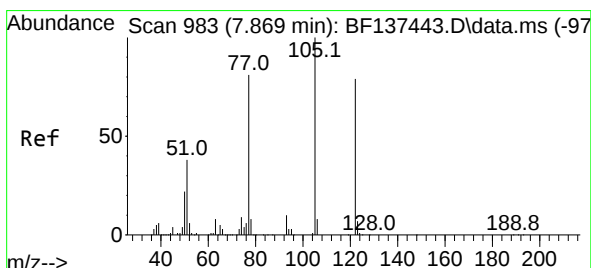
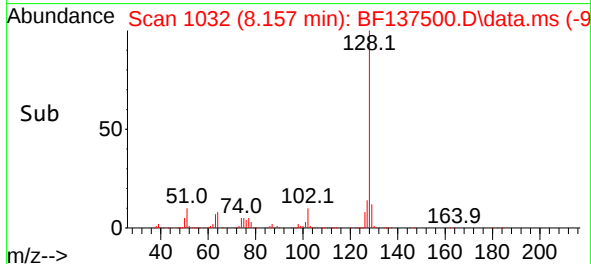
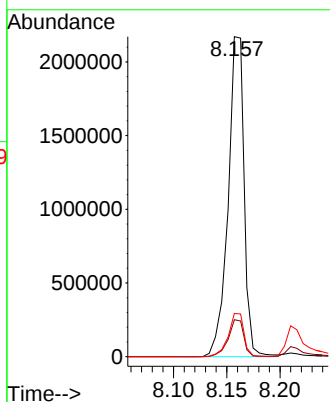
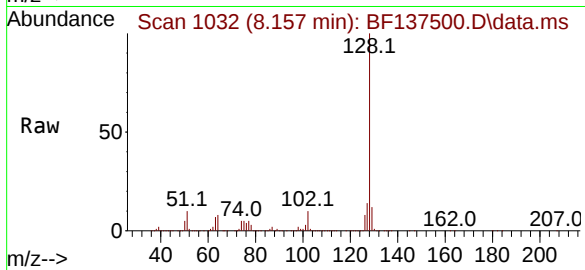




#31
Naphthalene
Concen: 42.734 ng
RT: 8.157 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF137500.D
Acq: 05 Mar 2024 14:55

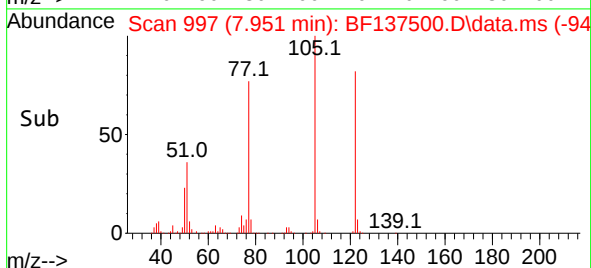
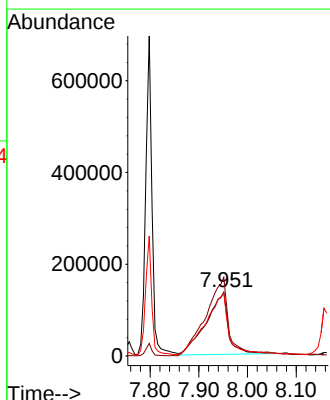
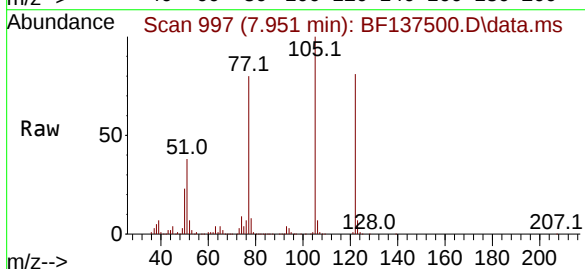
Instrument :
BNA_F
ClientSampleId :
PB159437BS

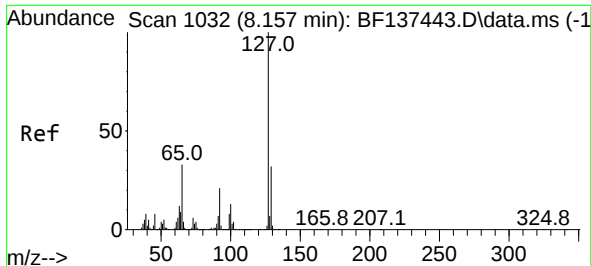
Tgt Ion:128 Resp: 2278702
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 47.209 ng
RT: 7.951 min Scan# 997
Delta R.T. 0.024 min
Lab File: BF137500.D
Acq: 05 Mar 2024 14:55

Tgt Ion:122 Resp: 432250
Ion Ratio Lower Upper
122 100
105 123.1 102.4 142.4
77 99.0 81.1 121.1

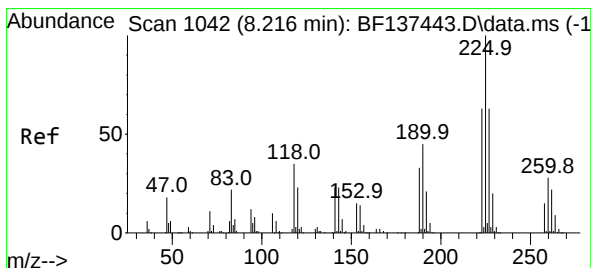
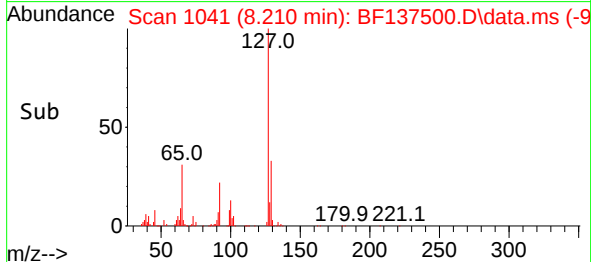
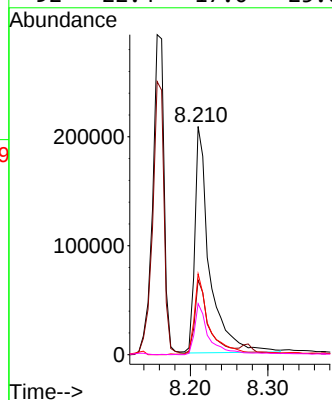
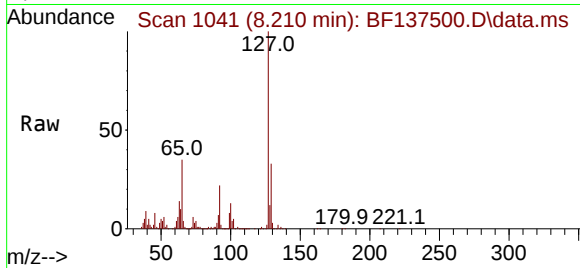




#33
4-Chloroaniline
Concen: 13.065 ng
RT: 8.210 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BF137500.D
Acq: 05 Mar 2024 14:55

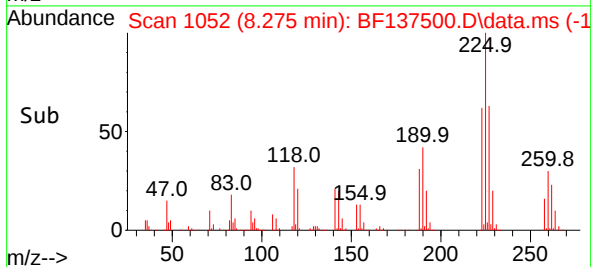
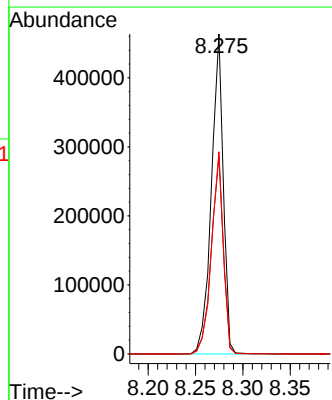
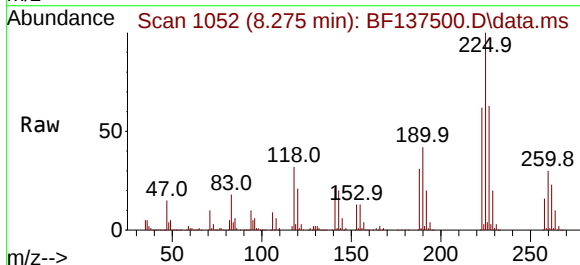
Instrument :
BNA_F
ClientSampleId :
PB159437BS

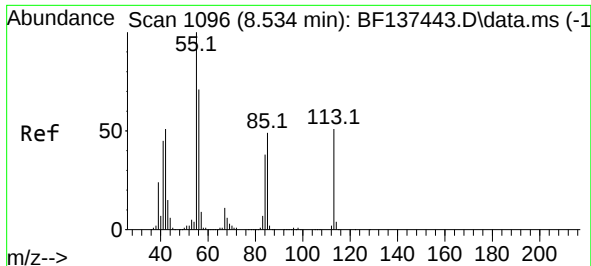
Tgt Ion:	127	Resp:	273177
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.0	39.0
65	35.5	26.8	40.2
92	22.4	17.0	25.6



#34
Hexachlorobutadiene
Concen: 44.461 ng
RT: 8.275 min Scan# 1052
Delta R.T. 0.000 min
Lab File: BF137500.D
Acq: 05 Mar 2024 14:55

Tgt Ion:	225	Resp:	404094
Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.7	76.1
227	63.2	50.6	75.8

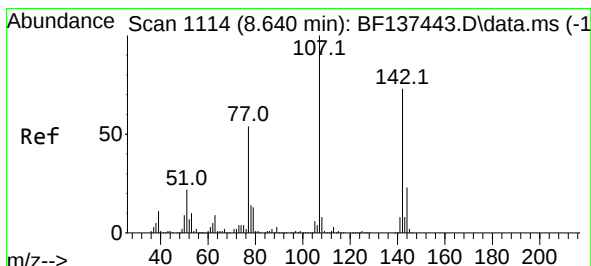
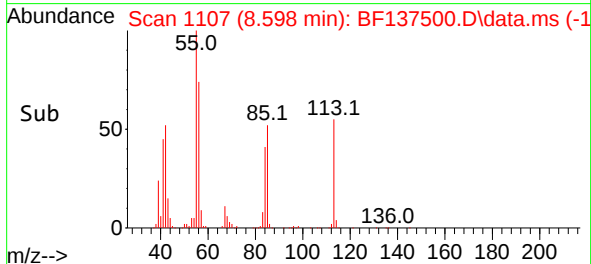
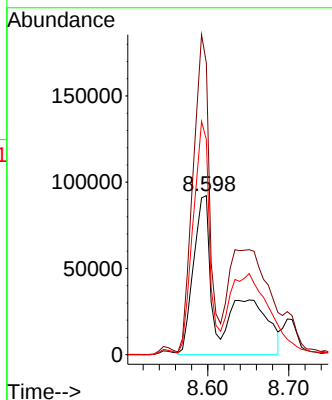
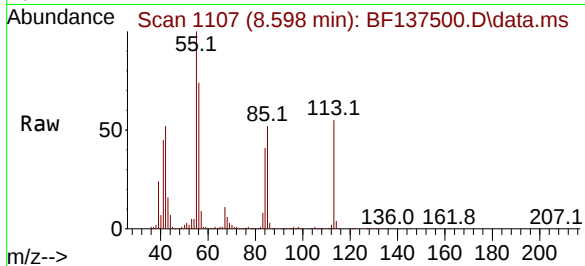




#35
 Caprolactam
 Concen: 47.784 ng m
 RT: 8.598 min Scan# 1107
 Delta R.T. 0.006 min
 Lab File: BF137500.D
 Acq: 05 Mar 2024 14:55

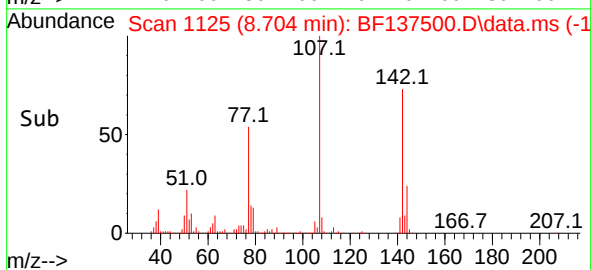
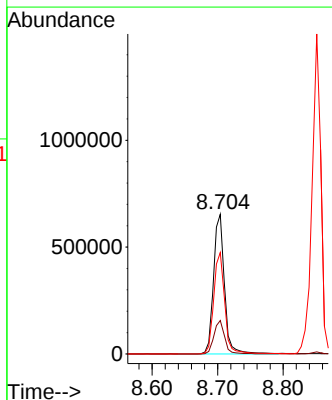
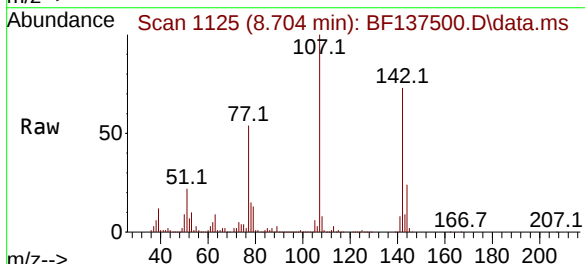
Instrument :
 BNA_F
 ClientSampleId :
 PB159437BS

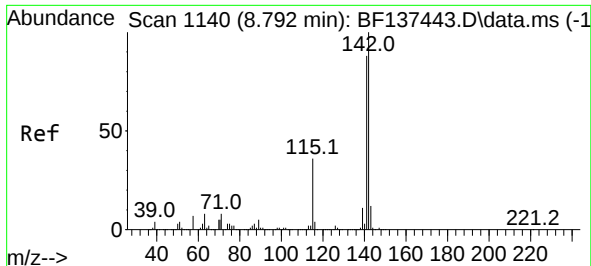
Tgt Ion:113 Resp: 237031
 Ion Ratio Lower Upper
 113 100
 55 183.2 176.7 216.7
 56 135.3 120.6 160.6



#36
 4-Chloro-3-methylphenol
 Concen: 46.219 ng
 RT: 8.704 min Scan# 1125
 Delta R.T. 0.012 min
 Lab File: BF137500.D
 Acq: 05 Mar 2024 14:55

Tgt Ion:107 Resp: 755787
 Ion Ratio Lower Upper
 107 100
 144 23.9 18.7 28.1
 142 72.6 58.2 87.2

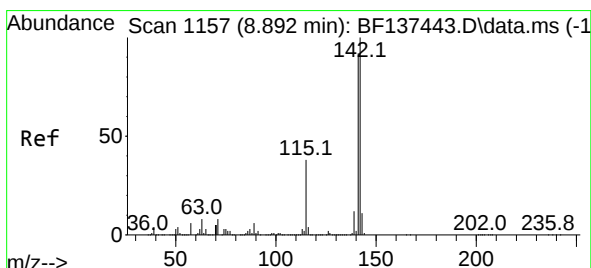
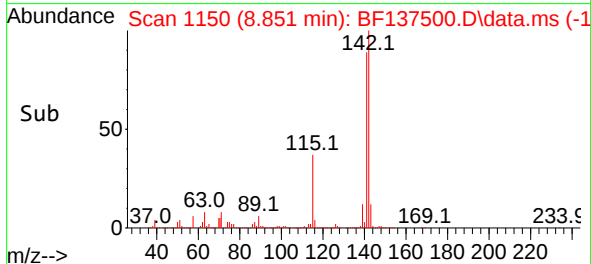
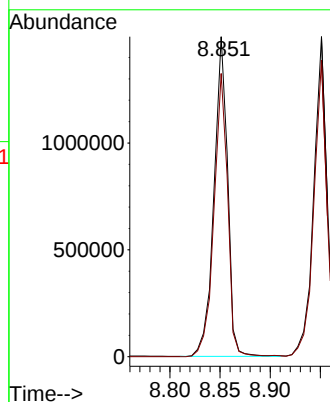
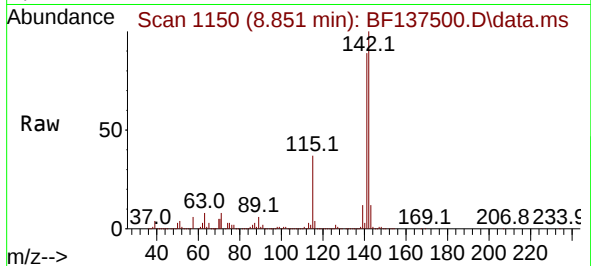




#37
2-Methylnaphthalene
Concen: 41.609 ng
RT: 8.851 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF137500.D
Acq: 05 Mar 2024 14:55

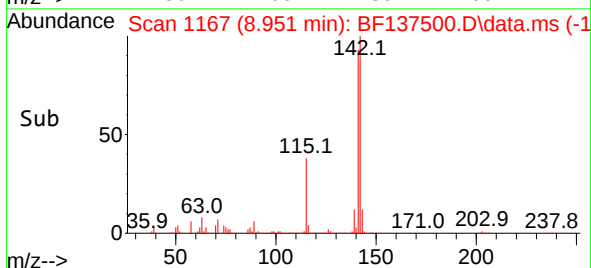
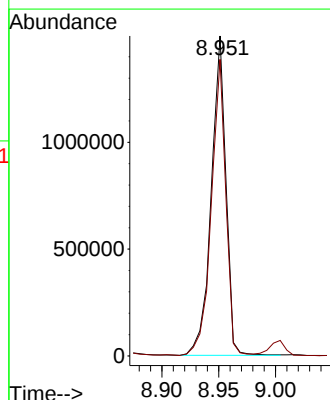
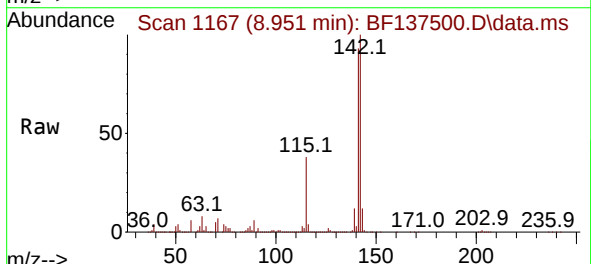
Instrument :
BNA_F
ClientSampleId :
PB159437BS

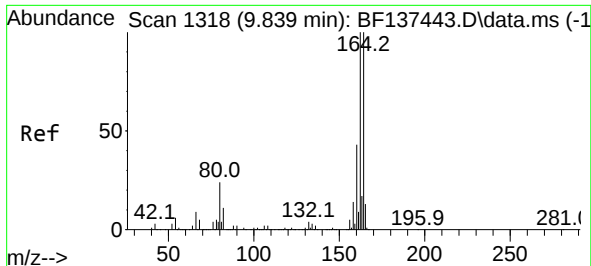
Tgt Ion:142 Resp: 1414409
Ion Ratio Lower Upper
142 100
141 88.5 70.4 105.6



#38
1-Methylnaphthalene
Concen: 41.759 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.006 min
Lab File: BF137500.D
Acq: 05 Mar 2024 14:55

Tgt Ion:142 Resp: 1336803
Ion Ratio Lower Upper
142 100
141 92.7 73.4 110.2

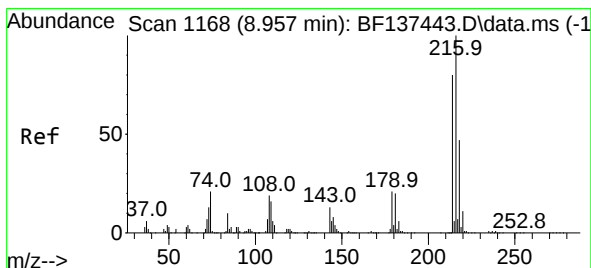
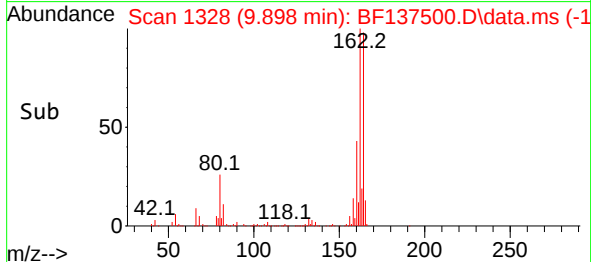
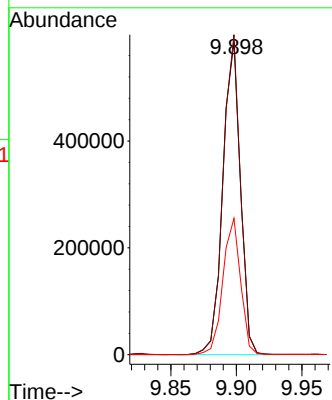
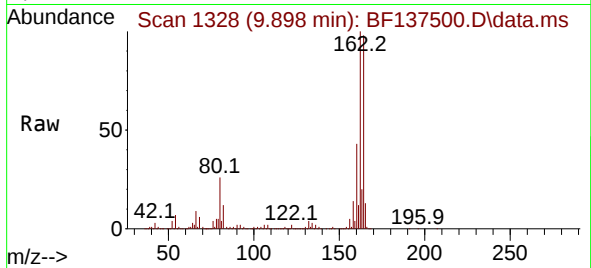




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BF137500.D
Acq: 05 Mar 2024 14:55

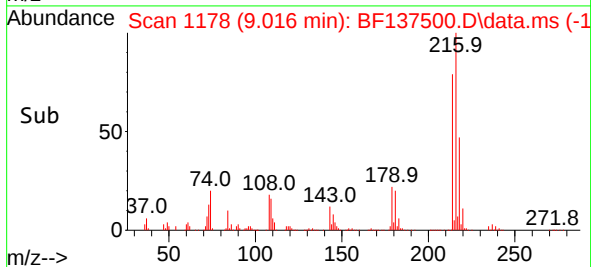
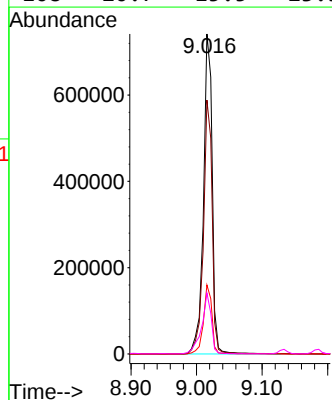
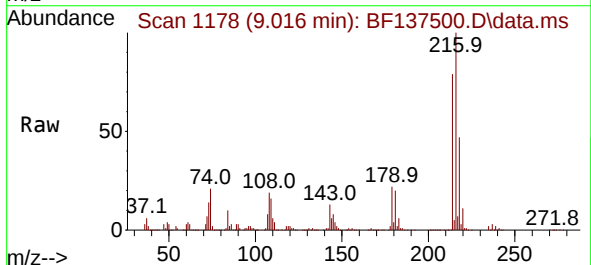
Instrument :
BNA_F
ClientSampleId :
PB159437BS

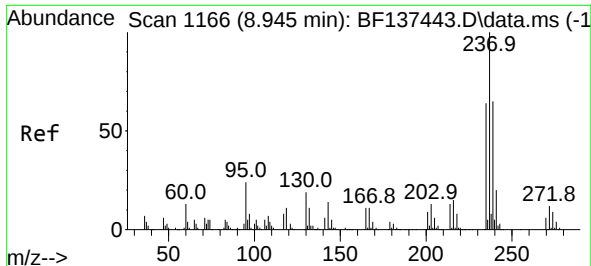
Tgt Ion:164 Resp: 546190
Ion Ratio Lower Upper
164 100
162 102.3 79.8 119.8
160 43.6 34.4 51.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.439 ng
RT: 9.016 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF137500.D
Acq: 05 Mar 2024 14:55

Tgt Ion:216 Resp: 692861
Ion Ratio Lower Upper
216 100
214 79.0 63.5 95.3
179 20.8 16.6 25.0
108 20.7 15.5 23.3

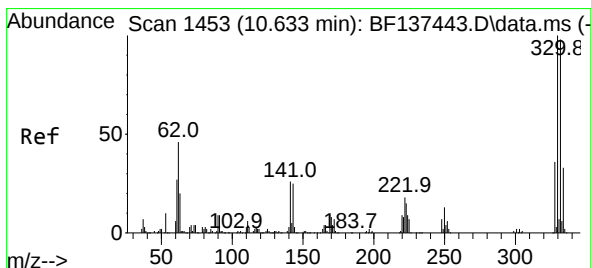
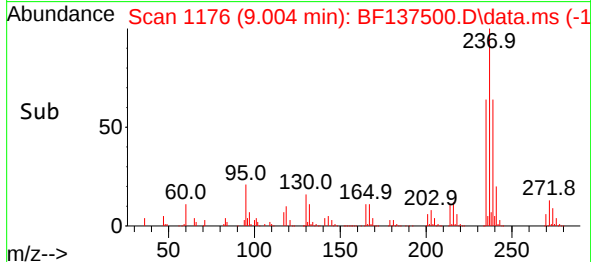
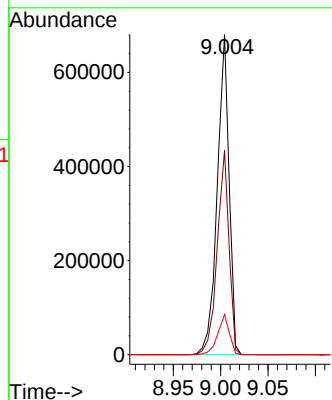
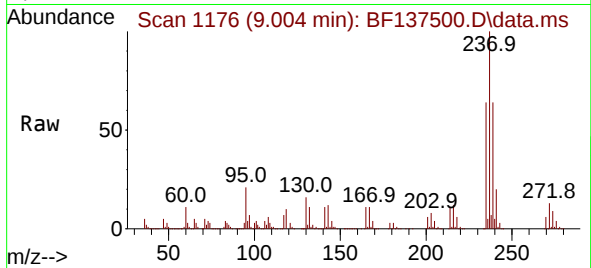




#41
Hexachlorocyclopentadiene
Concen: 93.344 ng
RT: 9.004 min Scan# 1166
Delta R.T. 0.006 min
Lab File: BF137500.D
Acq: 05 Mar 2024 14:55

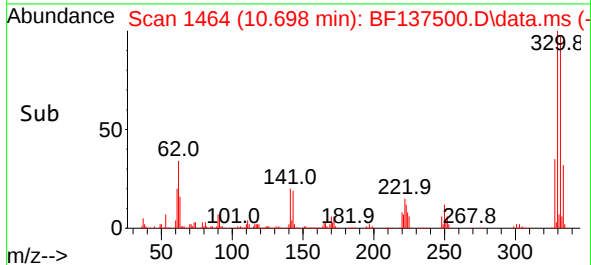
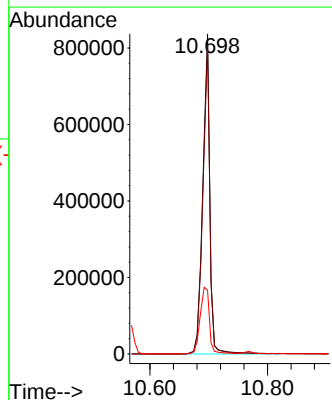
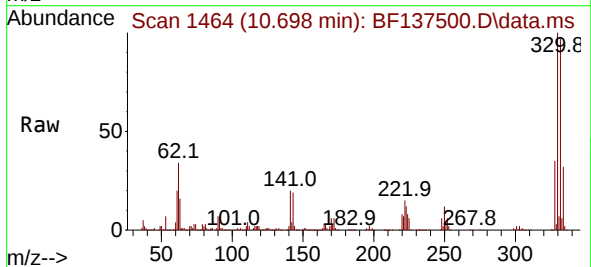
Instrument :
BNA_F
ClientSampleId :
PB159437BS

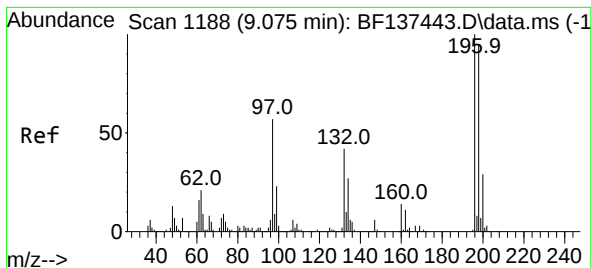
Tgt Ion:237 Resp: 590392
Ion Ratio Lower Upper
237 100
235 63.8 43.6 83.6
272 12.5 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 145.444 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF137500.D
Acq: 05 Mar 2024 14:55

Tgt Ion:330 Resp: 697619
Ion Ratio Lower Upper
330 100
332 95.5 78.0 117.0
141 27.3 27.3 40.9





#43

2,4,6-Trichlorophenol

Concen: 48.476 ng

RT: 9.133 min Scan# 1188

Delta R.T. 0.006 min

Lab File: BF137500.D

Acq: 05 Mar 2024 14:55

Instrument :

BNA_F

ClientSampleId :

PB159437BS

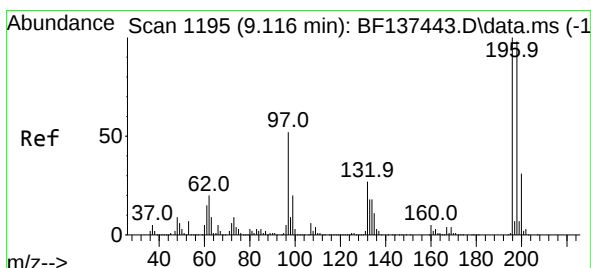
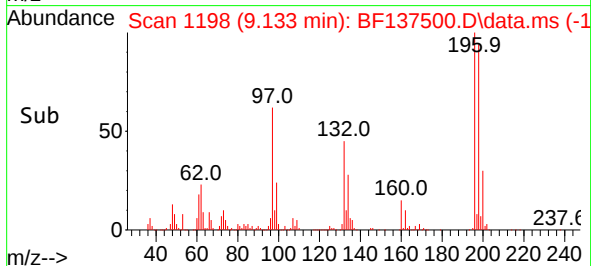
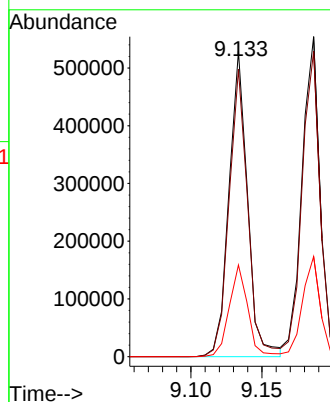
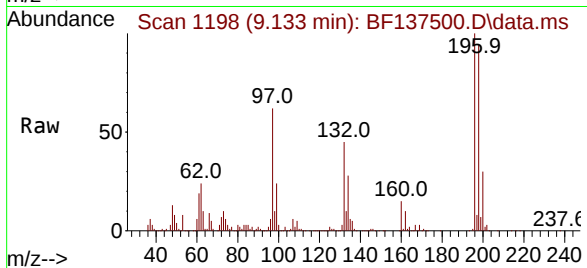
Tgt Ion:196 Resp: 481354

Ion Ratio Lower Upper

196 100

198 93.9 75.8 113.8

200 30.0 23.5 35.3



#44

2,4,5-Trichlorophenol

Concen: 42.405 ng

RT: 9.186 min Scan# 1207

Delta R.T. 0.018 min

Lab File: BF137500.D

Acq: 05 Mar 2024 14:55

Tgt Ion:196 Resp: 485048

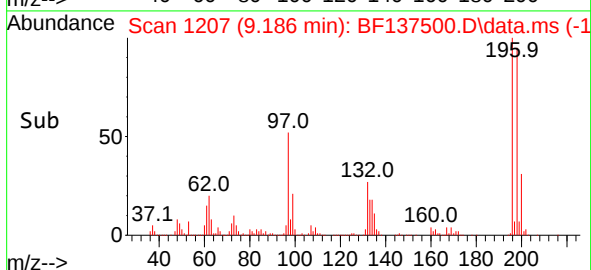
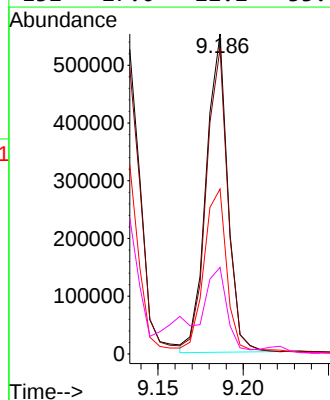
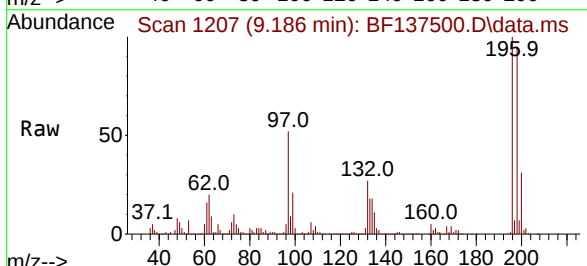
Ion Ratio Lower Upper

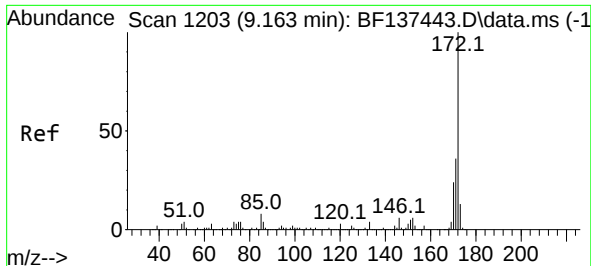
196 100

198 95.5 78.6 117.8

97 51.6 41.8 62.8

132 27.0 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 80.322 ng

RT: 9.222 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137500.D

Acq: 05 Mar 2024 14:55

Instrument :

BNA_F

ClientSampleId :

PB159437BS

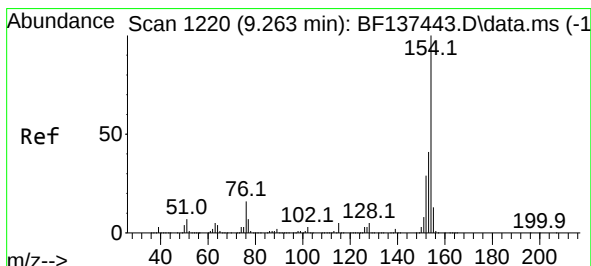
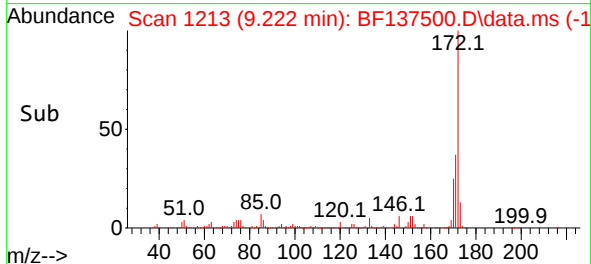
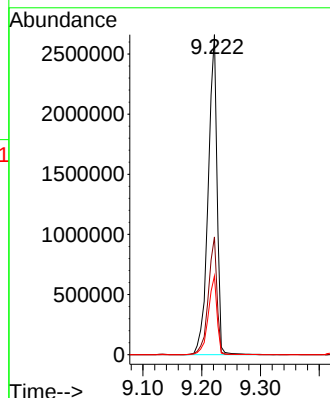
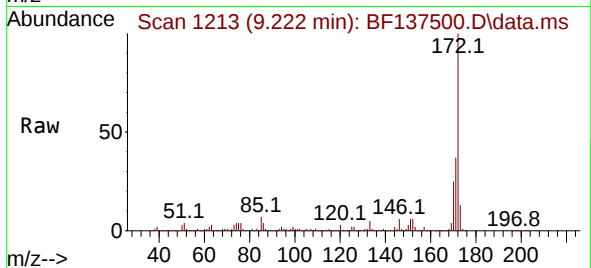
Tgt Ion:172 Resp: 2802623

Ion Ratio Lower Upper

172 100

171 36.8 28.5 42.7

170 24.6 19.0 28.6



#46

1,1'-Biphenyl

Concen: 43.716 ng

RT: 9.322 min Scan# 1230

Delta R.T. 0.006 min

Lab File: BF137500.D

Acq: 05 Mar 2024 14:55

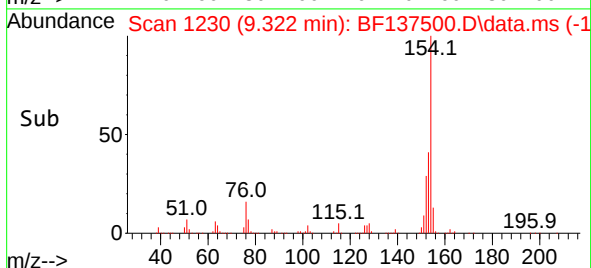
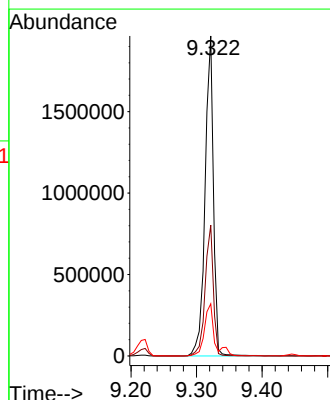
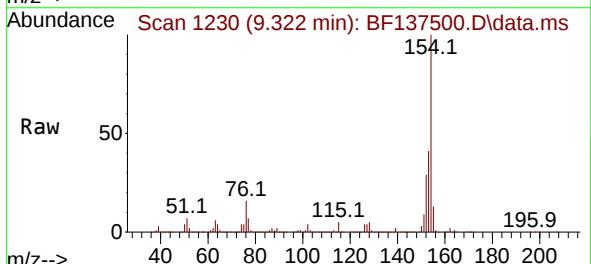
Tgt Ion:154 Resp: 1747583

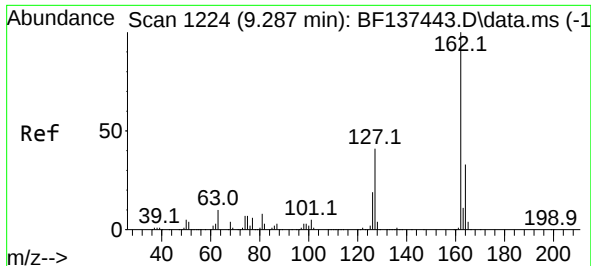
Ion Ratio Lower Upper

154 100

153 40.9 21.0 61.0

76 16.3 0.0 35.8





#47

2-Chloronaphthalene

Concen: 45.613 ng

RT: 9.345 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF137500.D

Acq: 05 Mar 2024 14:55

Instrument :

BNA_F

ClientSampleId :

PB159437BS

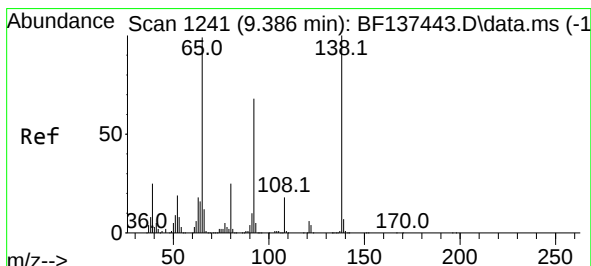
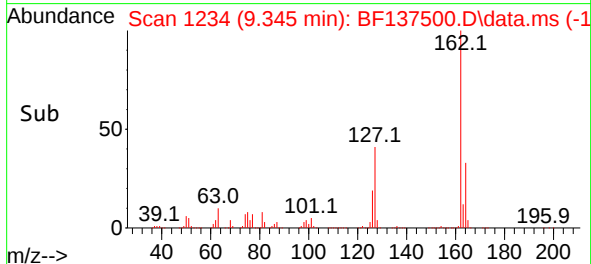
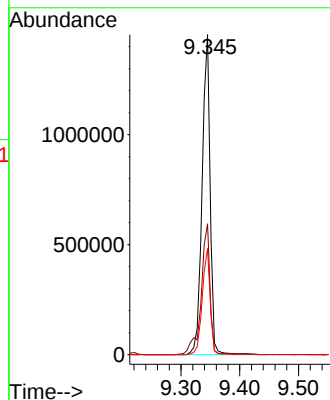
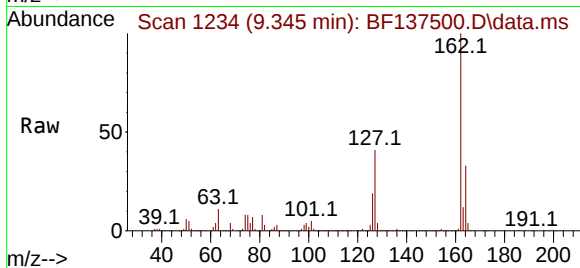
Tgt Ion:162 Resp: 1390235

Ion Ratio Lower Upper

162 100

127 40.9 32.6 49.0

164 33.1 26.5 39.7



#48

2-Nitroaniline

Concen: 49.493 ng

RT: 9.445 min Scan# 1251

Delta R.T. 0.006 min

Lab File: BF137500.D

Acq: 05 Mar 2024 14:55

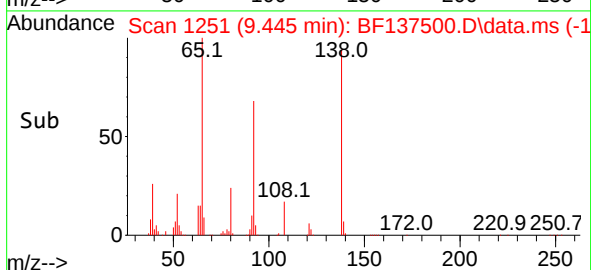
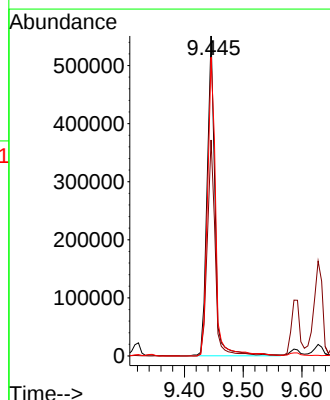
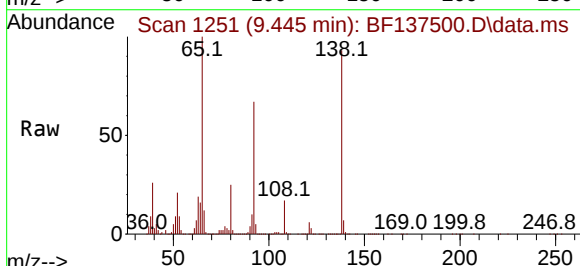
Tgt Ion: 65 Resp: 512718

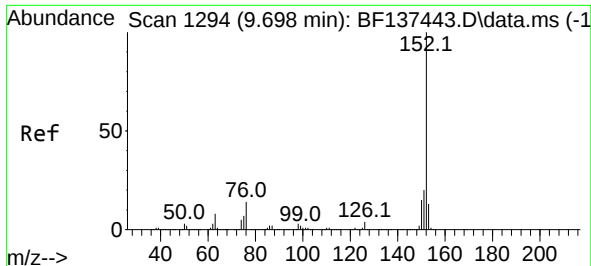
Ion Ratio Lower Upper

65 100

92 67.5 55.4 83.2

138 93.4 81.0 121.6





#49

Acenaphthylene

Concen: 45.015 ng

RT: 9.763 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137500.D

Acq: 05 Mar 2024 14:55

Instrument :

BNA_F

ClientSampleId :

PB159437BS

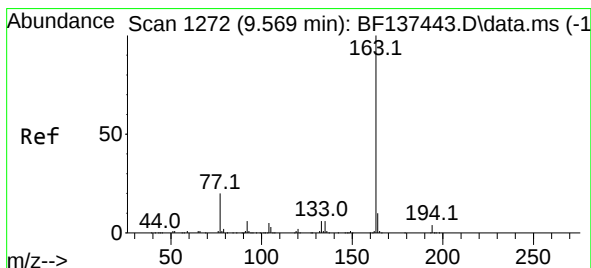
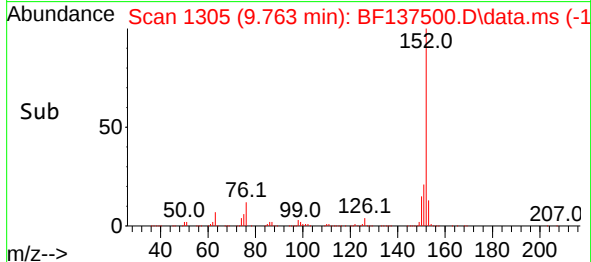
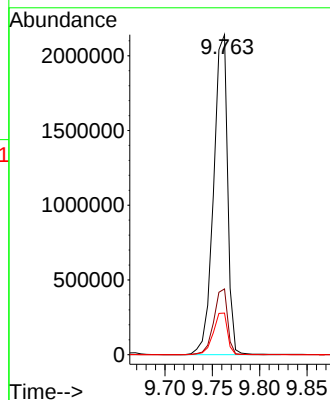
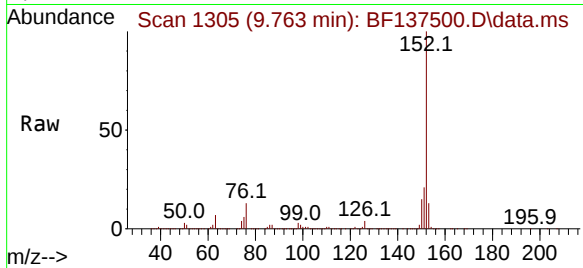
Tgt Ion:152 Resp: 2195679

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.4

153 13.0 10.8 16.2



#50

Dimethylphthalate

Concen: 44.462 ng

RT: 9.628 min Scan# 1282

Delta R.T. 0.000 min

Lab File: BF137500.D

Acq: 05 Mar 2024 14:55

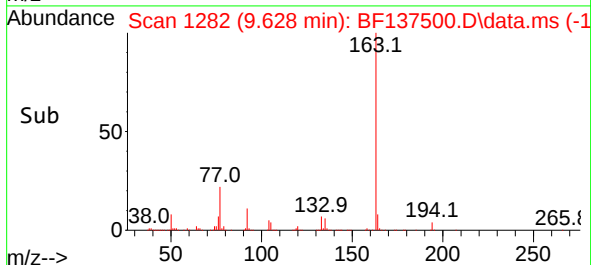
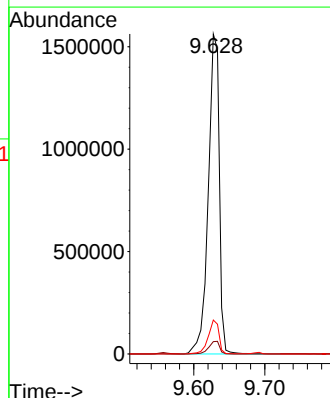
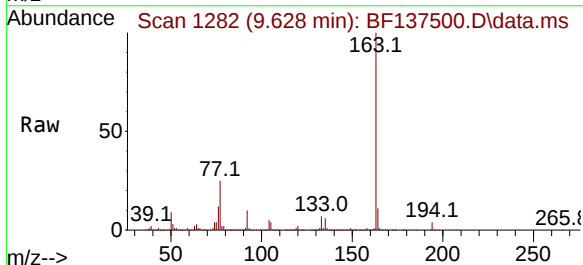
Tgt Ion:163 Resp: 1690509

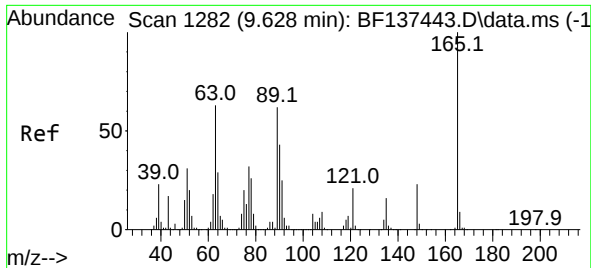
Ion Ratio Lower Upper

163 100

194 3.8 3.3 4.9

164 10.6 8.1 12.1

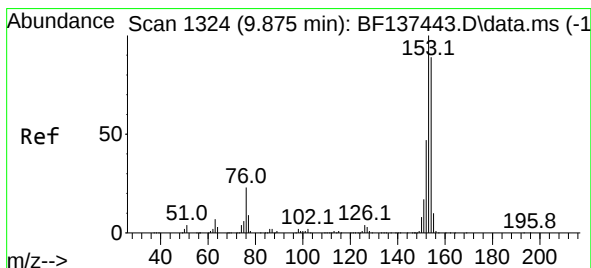
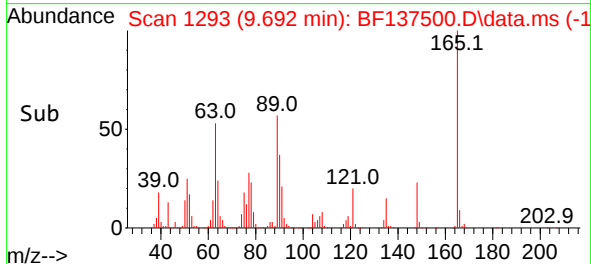
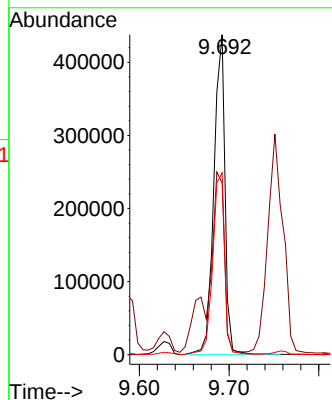
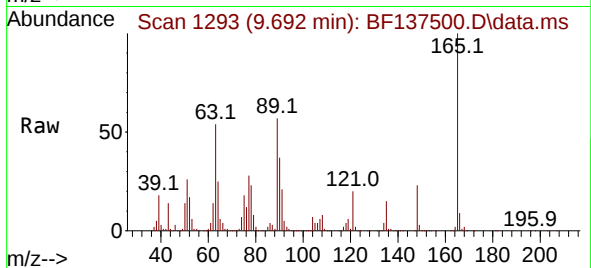




#51
2,6-Dinitrotoluene
Concen: 47.501 ng
RT: 9.692 min Scan# 1282
Delta R.T. 0.006 min
Lab File: BF137500.D
Acq: 05 Mar 2024 14:55

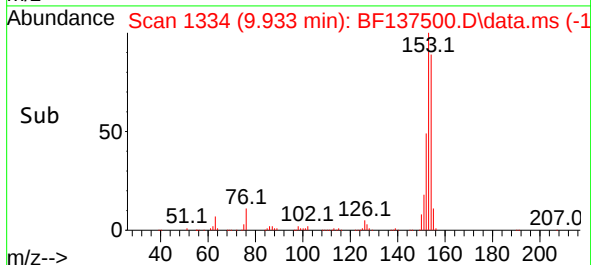
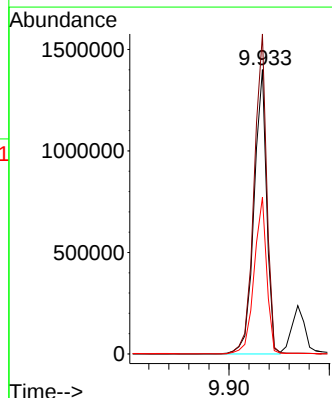
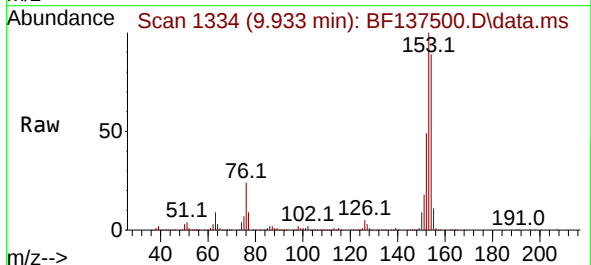
Instrument :
BNA_F
ClientSampleId :
PB159437BS

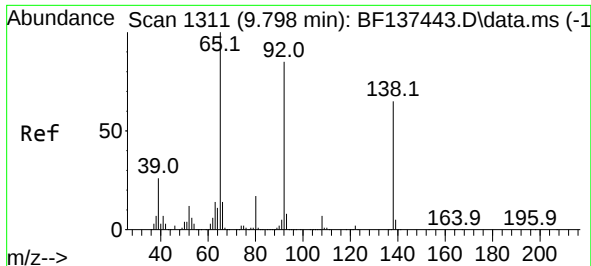
Tgt Ion:165 Resp: 377749
Ion Ratio Lower Upper
165 100
63 53.7 50.7 76.1
89 56.8 50.0 75.0



#52
Acenaphthene
Concen: 42.230 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF137500.D
Acq: 05 Mar 2024 14:55

Tgt Ion:154 Resp: 1229734
Ion Ratio Lower Upper
154 100
153 112.5 90.3 135.5
152 55.1 42.7 64.1

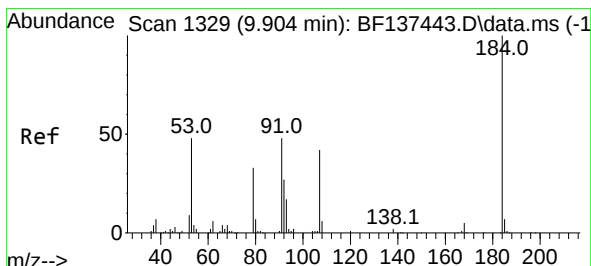
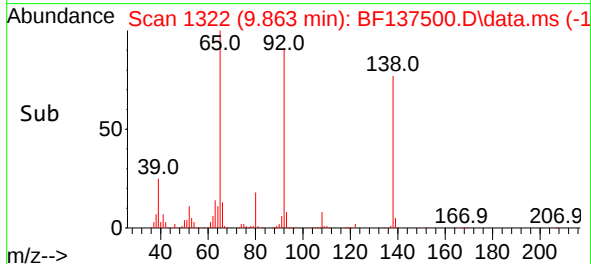
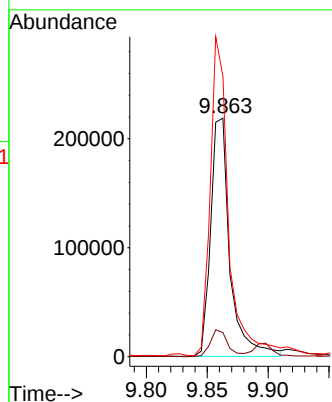
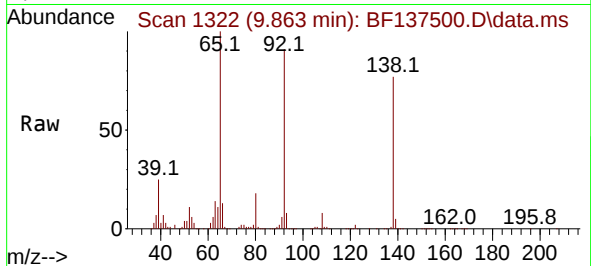




#53
3-Nitroaniline
Concen: 28.603 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137500.D
Acq: 05 Mar 2024 14:55

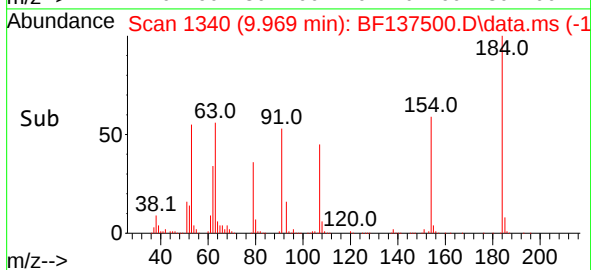
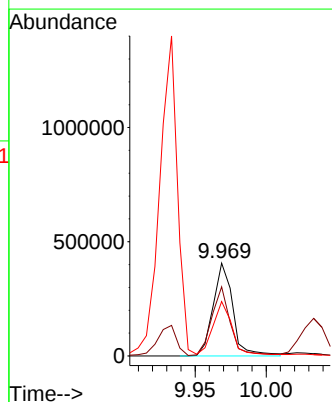
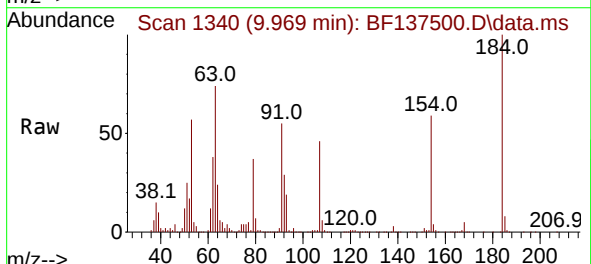
Instrument :
BNA_F
ClientSampleId :
PB159437BS

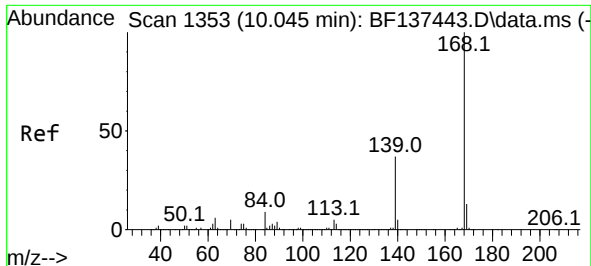
Tgt Ion:138 Resp: 240596
Ion Ratio Lower Upper
138 100
108 10.1 9.1 13.7
92 117.5 104.6 157.0



#54
2,4-Dinitrophenol
Concen: 98.822 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF137500.D
Acq: 05 Mar 2024 14:55

Tgt Ion:184 Resp: 391678
Ion Ratio Lower Upper
184 100
63 74.5 53.3 79.9
154 58.7 47.4 71.0

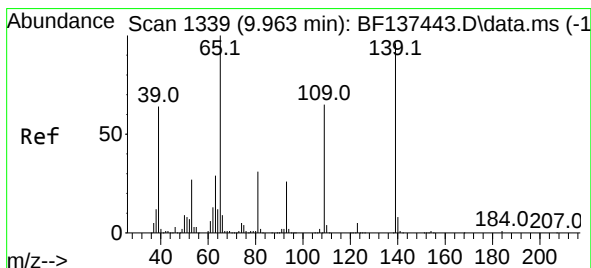
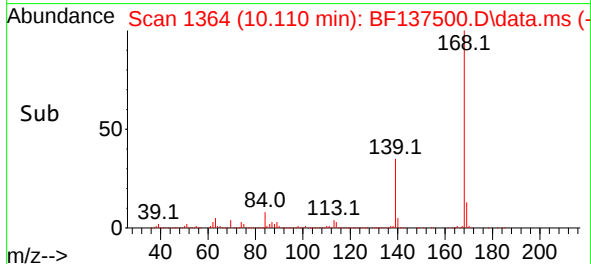
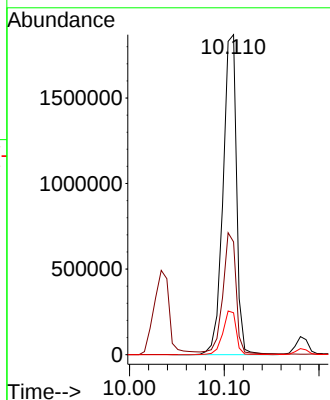
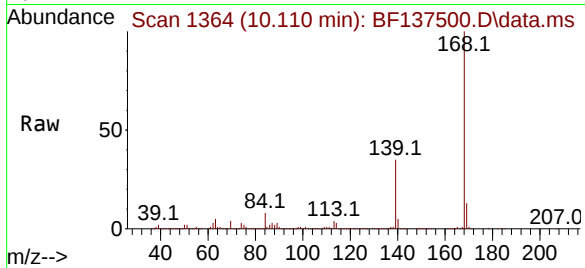




#55
Dibenzenofuran
Concen: 41.980 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137500.D
Acq: 05 Mar 2024 14:55

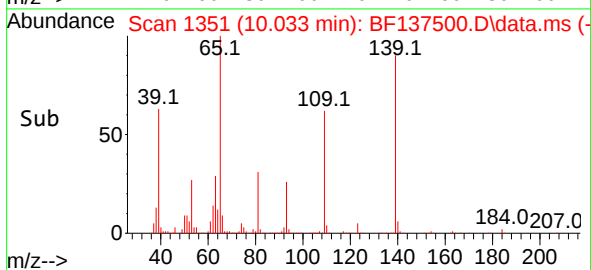
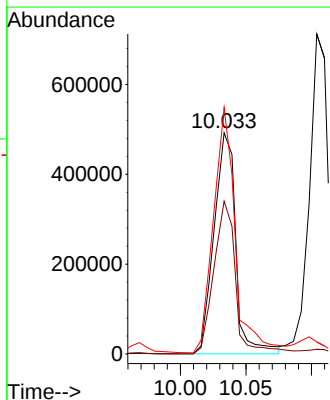
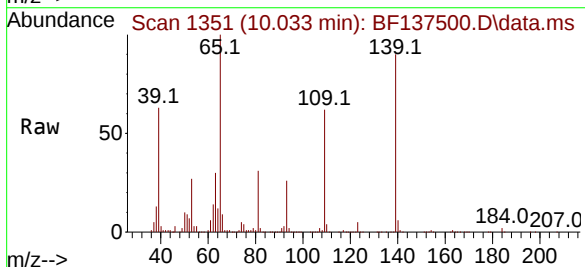
Instrument :
BNA_F
ClientSampleId :
PB159437BS

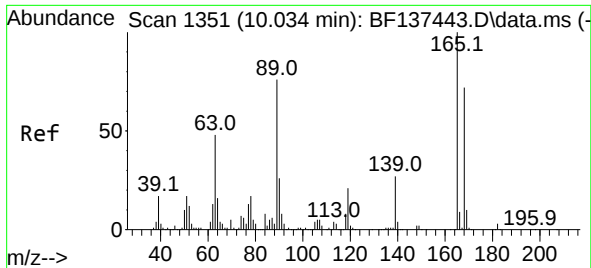
Tgt Ion:168 Resp: 1861882
Ion Ratio Lower Upper
168 100
139 35.2 29.8 44.6
169 13.1 10.8 16.2



#56
4-Nitrophenol
Concen: 93.923 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.012 min
Lab File: BF137500.D
Acq: 05 Mar 2024 14:55

Tgt Ion:139 Resp: 567081
Ion Ratio Lower Upper
139 100
109 69.1 47.1 87.1
65 111.5 85.1 125.1

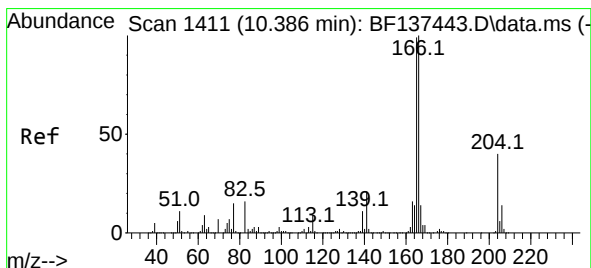
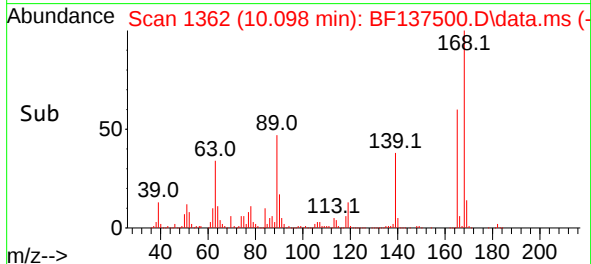
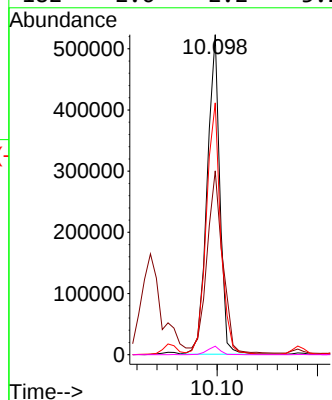
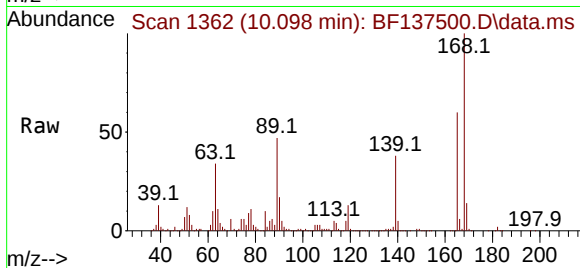




#57
2,4-Dinitrotoluene
Concen: 47.158 ng
RT: 10.098 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137500.D
Acq: 05 Mar 2024 14:55

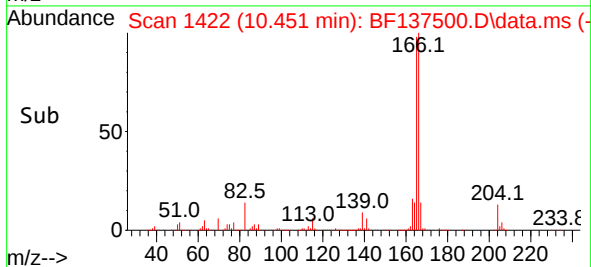
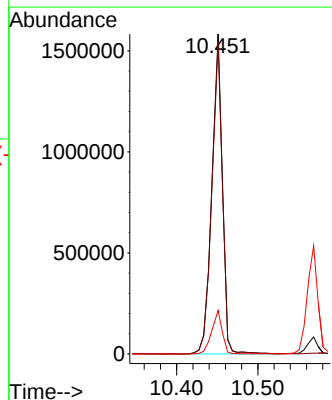
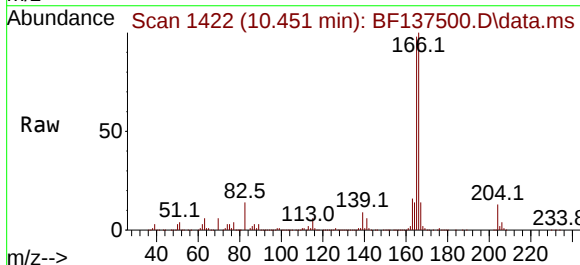
Instrument :
BNA_F
ClientSampleId :
PB159437BS

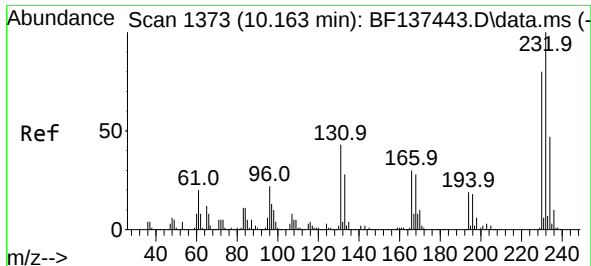
Tgt Ion:165 Resp: 460747
Ion Ratio Lower Upper
165 100
63 57.5 39.0 58.6
89 78.7 60.9 91.3
182 2.6 2.2 3.2



#58
Fluorene
Concen: 41.906 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF137500.D
Acq: 05 Mar 2024 14:55

Tgt Ion:166 Resp: 1427385
Ion Ratio Lower Upper
166 100
165 97.6 79.2 118.8
167 13.6 11.0 16.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 45.896 ng m

RT: 10.227 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137500.D

Acq: 05 Mar 2024 14:55

Instrument :

BNA_F

ClientSampleId :

PB159437BS

Tgt Ion:232 Resp: 420990

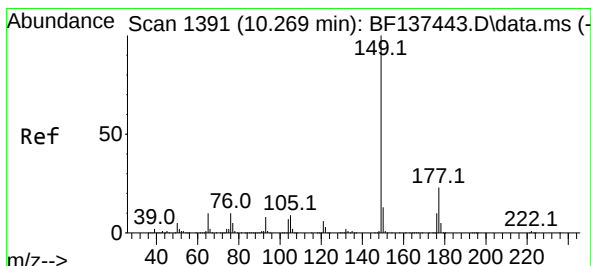
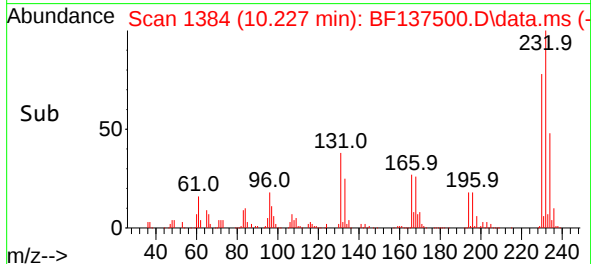
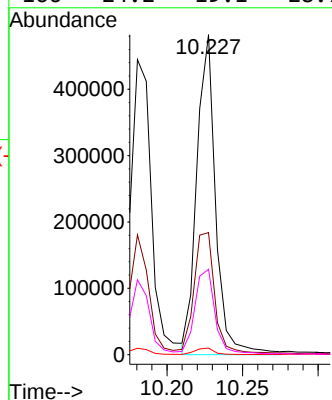
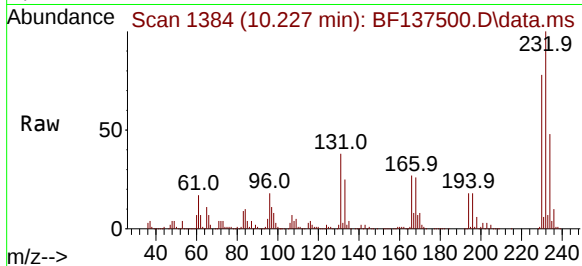
Ion Ratio Lower Upper

232 100

131 38.3 31.2 46.8

130 2.2 1.8 2.6

166 24.2 19.1 28.7



#60

Diethylphthalate

Concen: 43.961 ng

RT: 10.333 min Scan# 1402

Delta R.T. 0.006 min

Lab File: BF137500.D

Acq: 05 Mar 2024 14:55

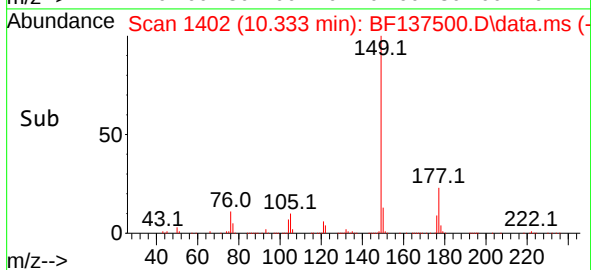
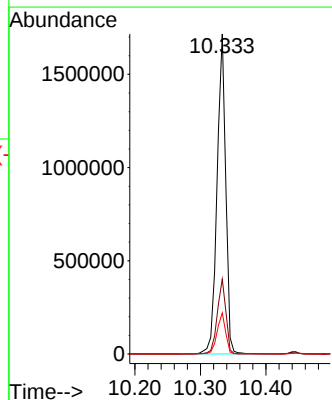
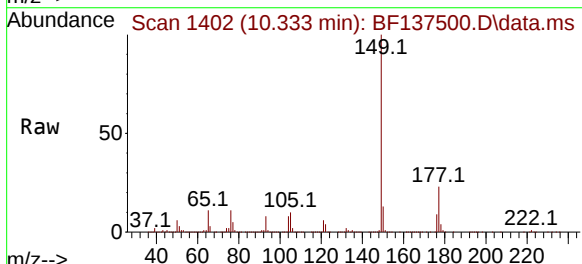
Tgt Ion:149 Resp: 1578392

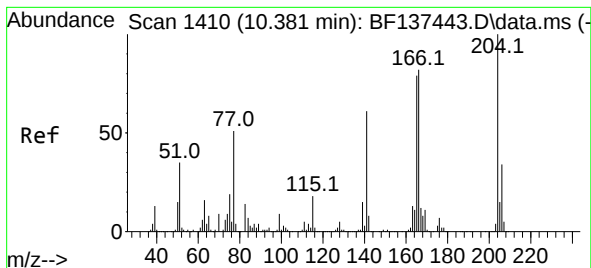
Ion Ratio Lower Upper

149 100

177 23.4 18.7 28.1

150 12.8 10.2 15.4

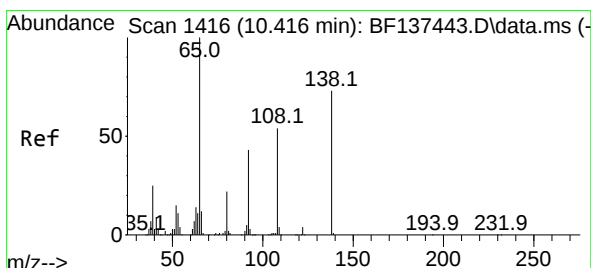
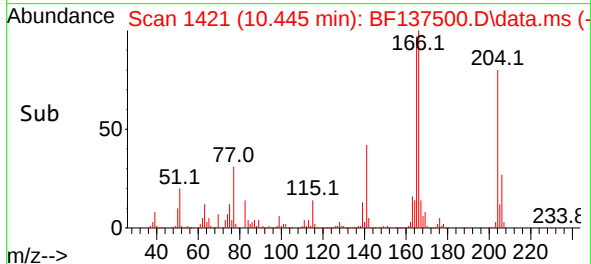
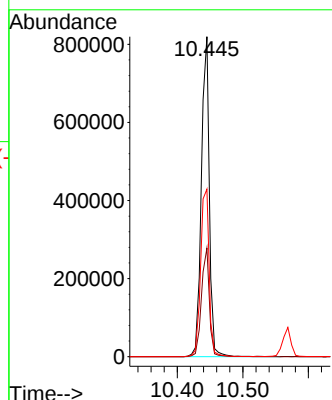
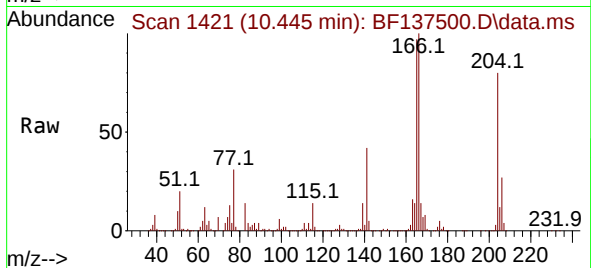




#61
4-Chlorophenyl-phenylether
Concen: 41.490 ng
RT: 10.445 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF137500.D
Acq: 05 Mar 2024 14:55

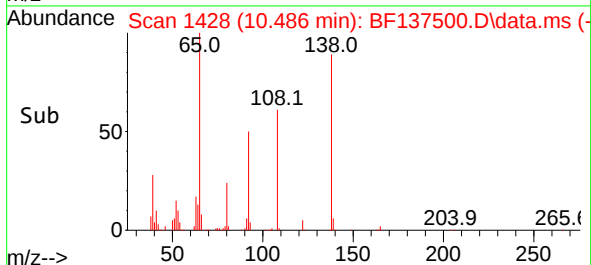
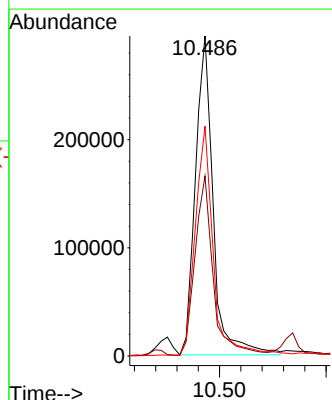
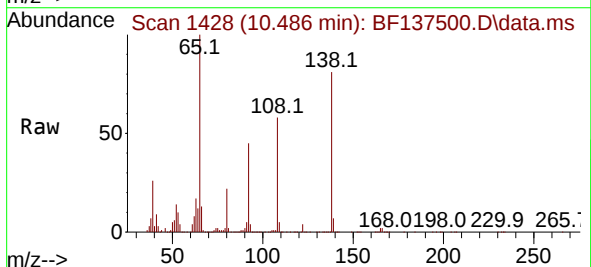
Instrument :
BNA_F
ClientSampleId :
PB159437BS

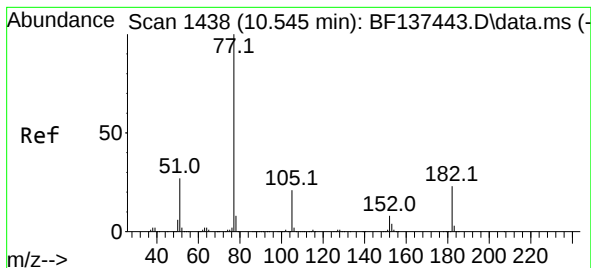
Tgt Ion:204 Resp: 692602
Ion Ratio Lower Upper
204 100
206 33.9 27.4 41.0
141 52.4 48.4 72.6



#62
4-Nitroaniline
Concen: 47.237 ng
RT: 10.486 min Scan# 1428
Delta R.T. 0.012 min
Lab File: BF137500.D
Acq: 05 Mar 2024 14:55

Tgt Ion:138 Resp: 341511
Ion Ratio Lower Upper
138 100
92 56.2 37.9 77.9
108 71.8 53.2 93.2





#63

Azobenzene

Concen: 43.498 ng

RT: 10.604 min Scan# 1438

Delta R.T. 0.000 min

Lab File: BF137500.D

Acq: 05 Mar 2024 14:55

Instrument :

BNA_F

ClientSampleId :

PB159437BS

Tgt Ion: 77 Resp: 1798359

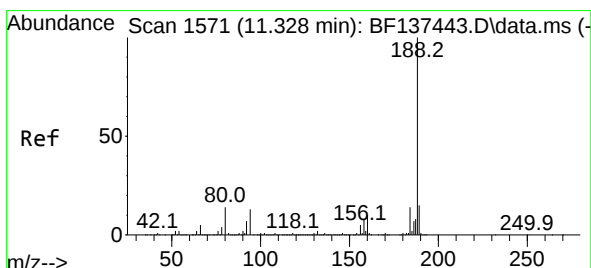
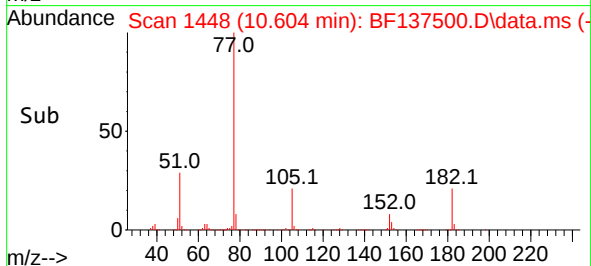
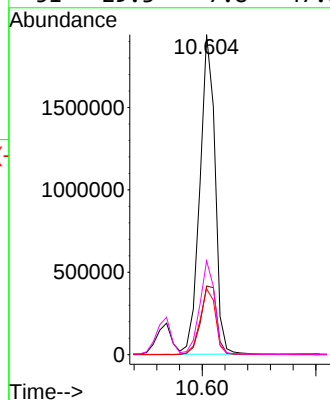
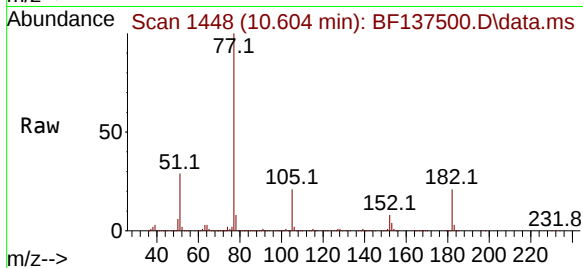
Ion Ratio Lower Upper

77 100

182 21.4 3.2 43.2

105 20.6 1.2 41.2

51 29.3 7.8 47.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1582

Delta R.T. 0.006 min

Lab File: BF137500.D

Acq: 05 Mar 2024 14:55

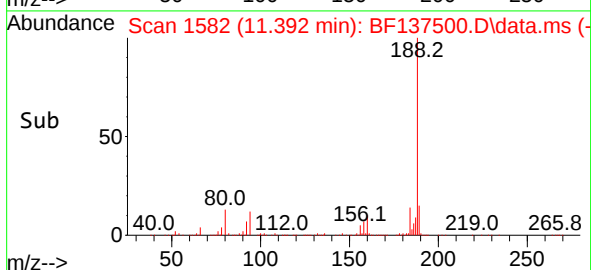
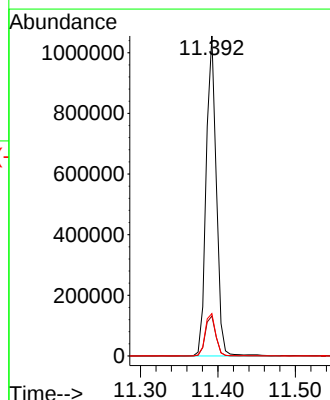
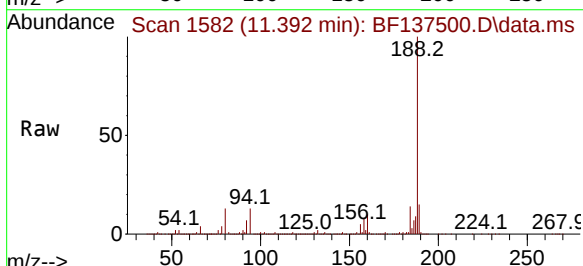
Tgt Ion: 188 Resp: 959824

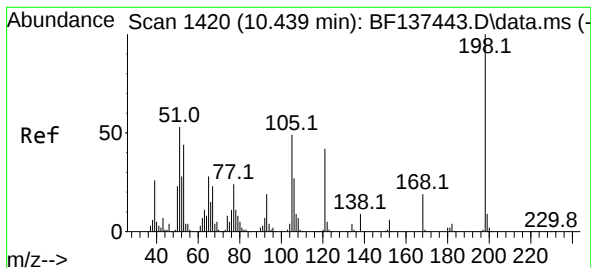
Ion Ratio Lower Upper

188 100

94 12.5 10.6 15.8

80 13.3 11.5 17.3

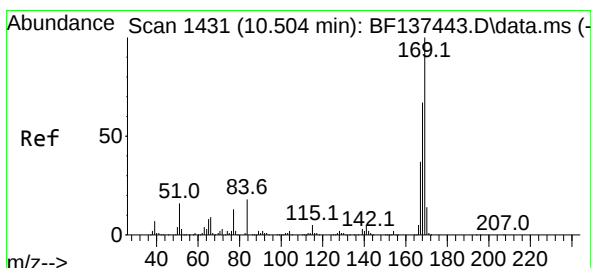
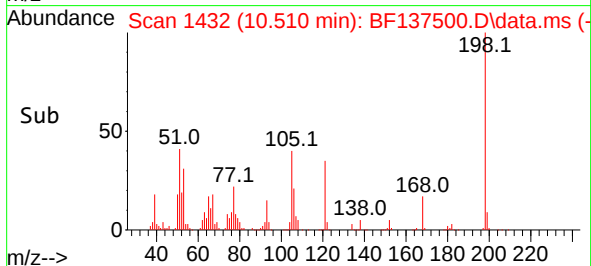
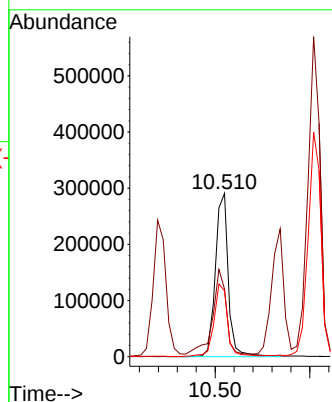
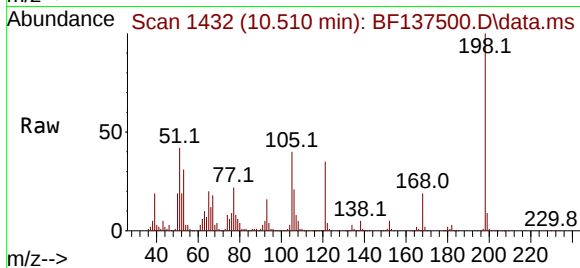




#65
4,6-Dinitro-2-methylphenol
Concen: 51.624 ng
RT: 10.510 min Scan# 1442
Delta R.T. 0.012 min
Lab File: BF137500.D
Acq: 05 Mar 2024 14:55

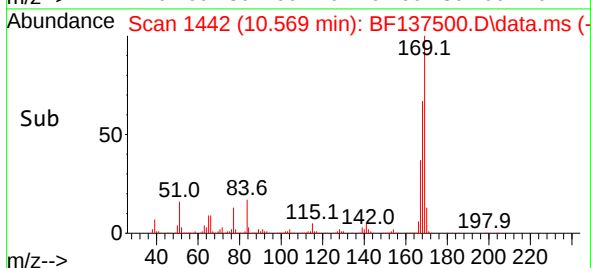
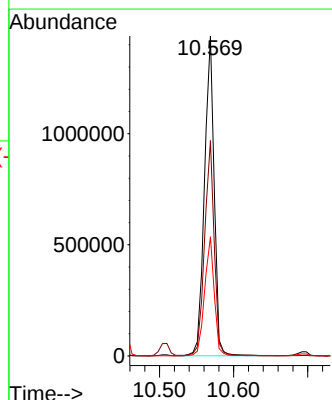
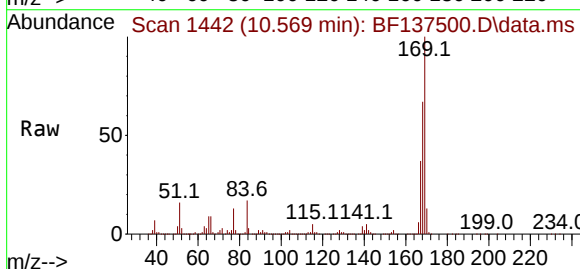
Instrument :
BNA_F
ClientSampleId :
PB159437BS

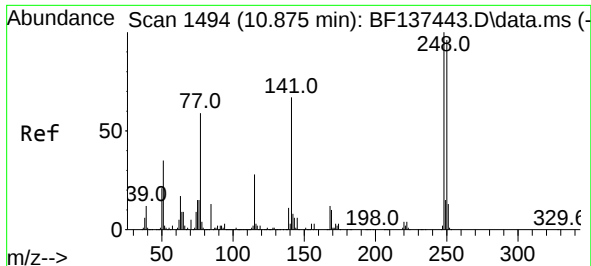
Tgt Ion:198 Resp: 276166
Ion Ratio Lower Upper
198 100
51 41.5 37.2 77.2
105 40.4 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 42.608 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF137500.D
Acq: 05 Mar 2024 14:55

Tgt Ion:169 Resp: 1316925
Ion Ratio Lower Upper
169 100
168 67.3 53.8 80.6
167 37.3 29.6 44.4

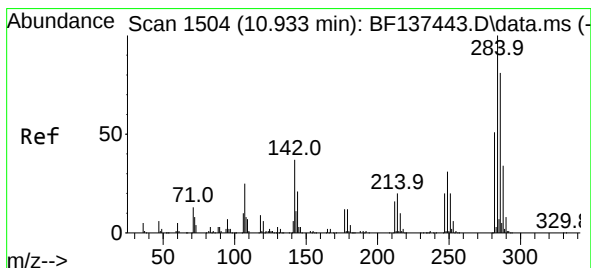
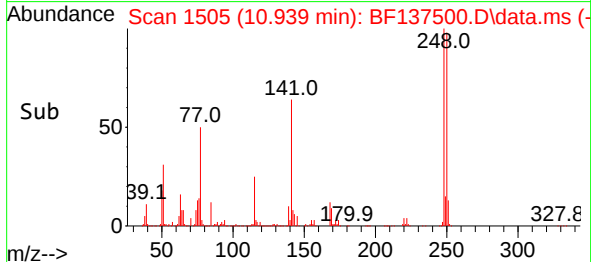
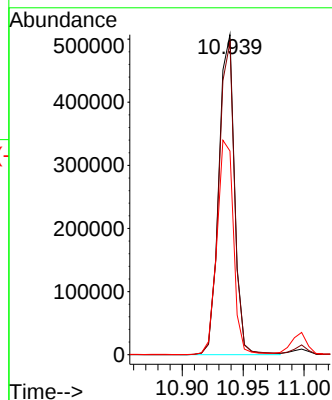
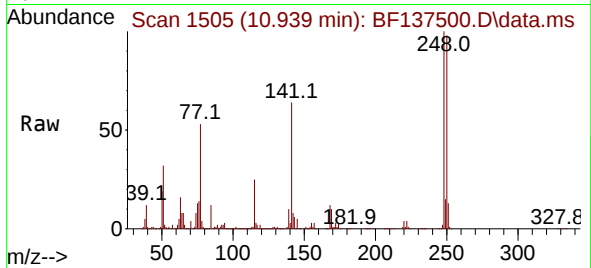




#67
4-Bromophenyl-phenylether
Concen: 43.841 ng
RT: 10.939 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF137500.D
Acq: 05 Mar 2024 14:55

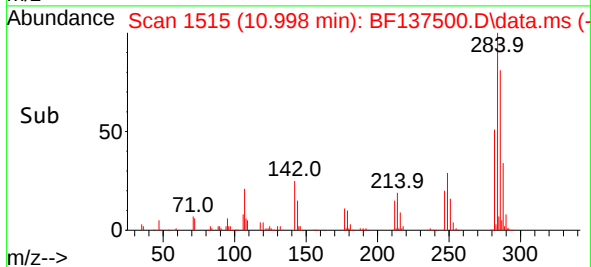
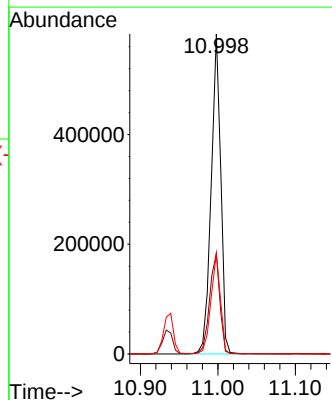
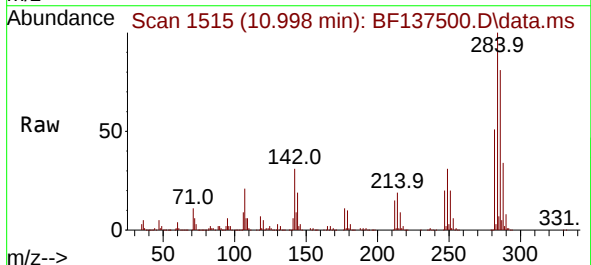
Instrument :
BNA_F
ClientSampleId :
PB159437BS

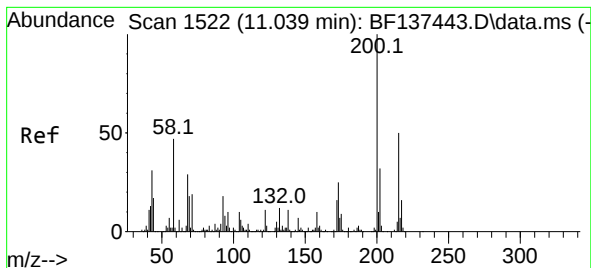
Tgt Ion:248 Resp: 458323
Ion Ratio Lower Upper
248 100
250 97.7 76.8 115.2
141 63.7 53.4 80.0



#68
Hexachlorobenzene
Concen: 47.552 ng
RT: 10.998 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF137500.D
Acq: 05 Mar 2024 14:55

Tgt Ion:284 Resp: 502098
Ion Ratio Lower Upper
284 100
142 31.4 29.4 44.0
249 31.4 25.0 37.4





#69

Atrazine

Concen: 41.442 ng

RT: 11.104 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137500.D

Acq: 05 Mar 2024 14:55

Instrument :

BNA_F

ClientSampleId :

PB159437BS

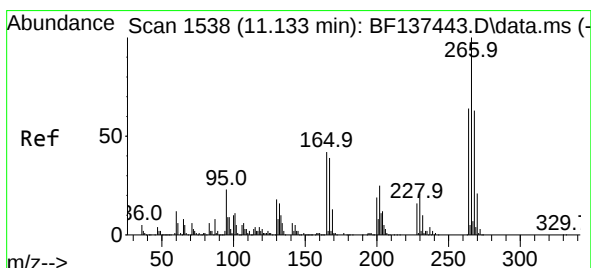
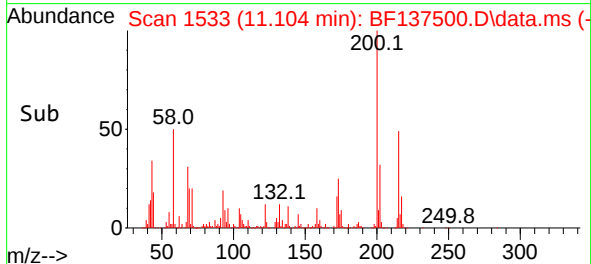
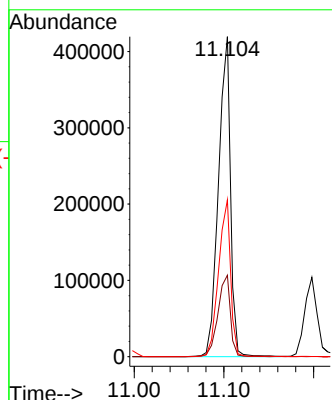
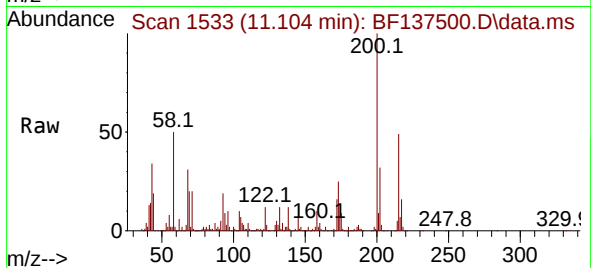
Tgt Ion:200 Resp: 389379

Ion Ratio Lower Upper

200 100

173 25.5 5.1 45.1

215 49.0 30.4 70.4



#70

Pentachlorophenol

Concen: 89.156 ng

RT: 11.198 min Scan# 1549

Delta R.T. 0.006 min

Lab File: BF137500.D

Acq: 05 Mar 2024 14:55

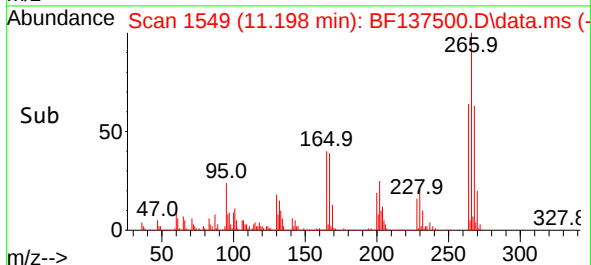
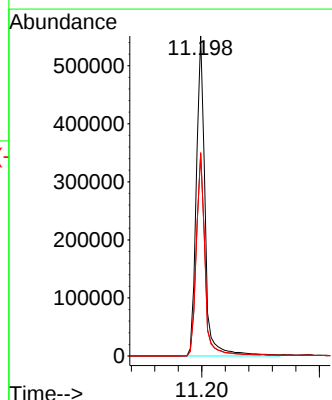
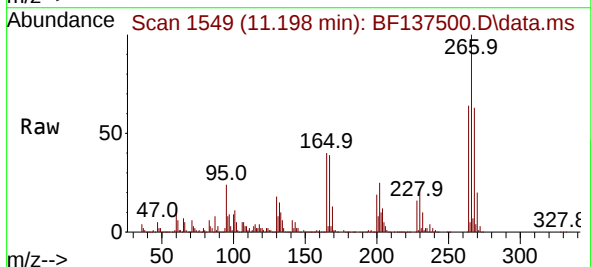
Tgt Ion:266 Resp: 569085

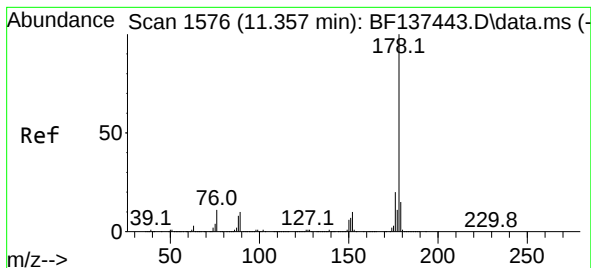
Ion Ratio Lower Upper

266 100

268 63.2 50.2 75.2

264 63.6 50.9 76.3





#71

Phenanthrene

Concen: 42.303 ng

RT: 11.416 min Scan# 1586

Delta R.T. 0.000 min

Lab File: BF137500.D

Acq: 05 Mar 2024 14:55

Instrument :

BNA_F

ClientSampleId :

PB159437BS

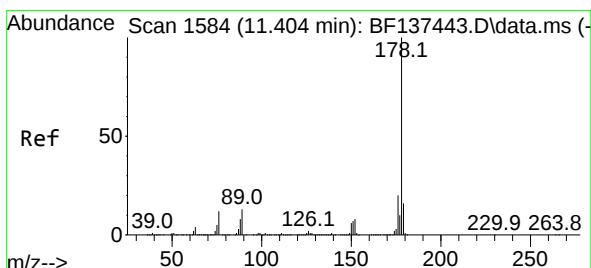
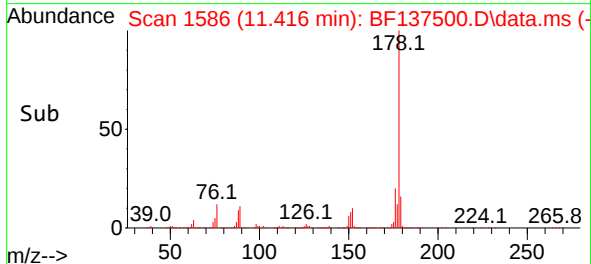
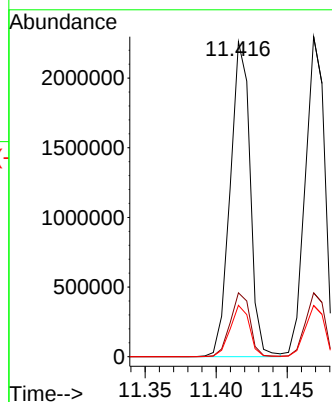
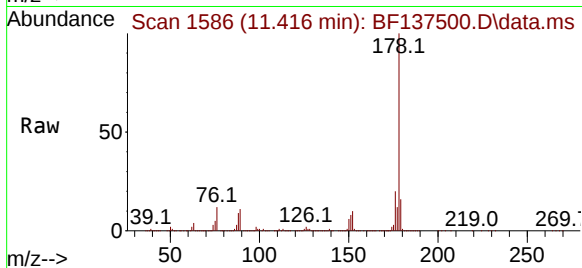
Tgt Ion:178 Resp: 2209728

Ion Ratio Lower Upper

178 100

176 20.3 15.8 23.8

179 16.3 12.2 18.2



#72

Anthracene

Concen: 41.715 ng

RT: 11.469 min Scan# 1595

Delta R.T. 0.000 min

Lab File: BF137500.D

Acq: 05 Mar 2024 14:55

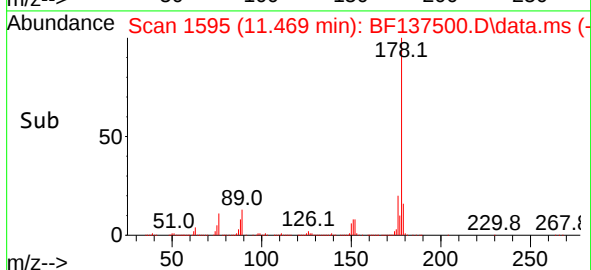
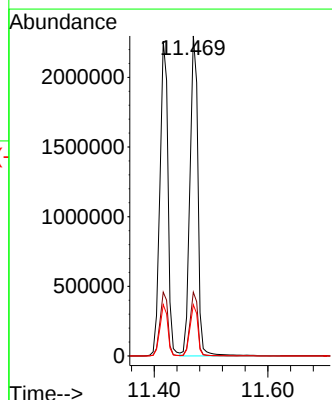
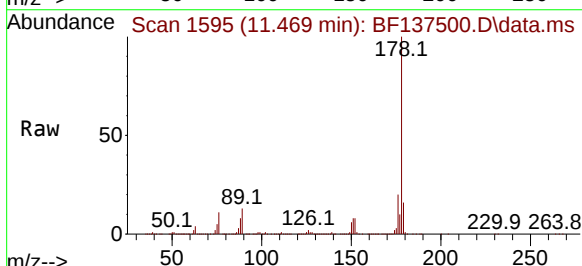
Tgt Ion:178 Resp: 2237970

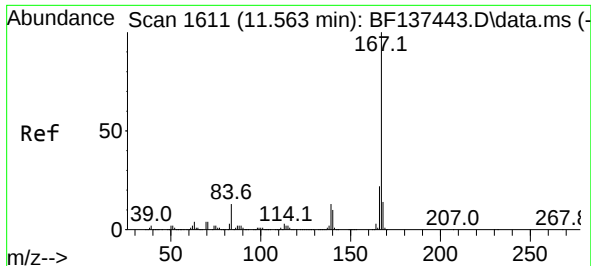
Ion Ratio Lower Upper

178 100

176 20.0 15.7 23.5

179 16.0 12.7 19.1

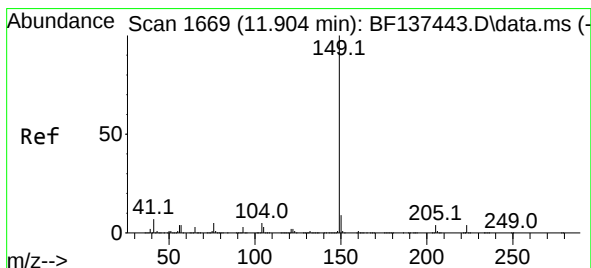
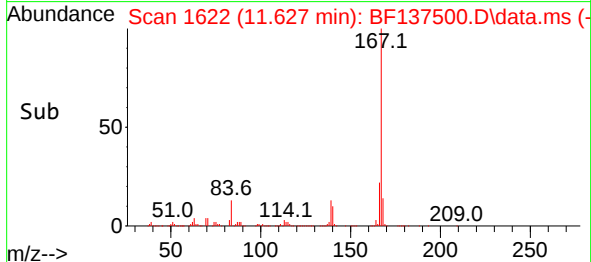
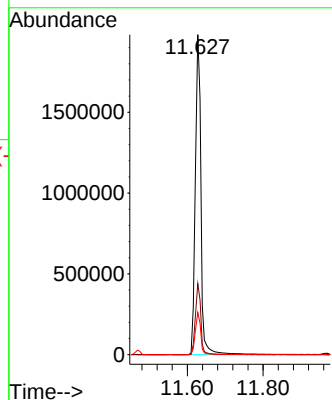
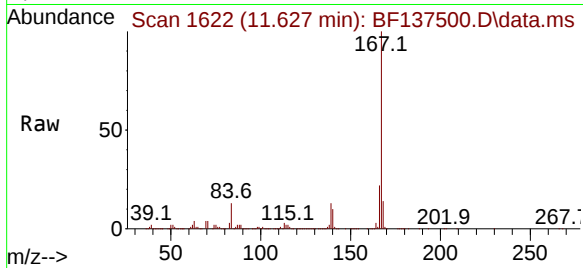




#73
Carbazole
Concen: 44.218 ng
RT: 11.627 min Scan# 1622
Delta R.T. 0.006 min
Lab File: BF137500.D
Acq: 05 Mar 2024 14:55

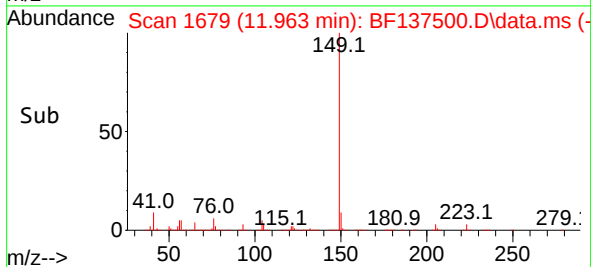
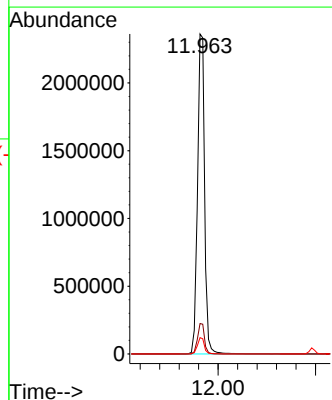
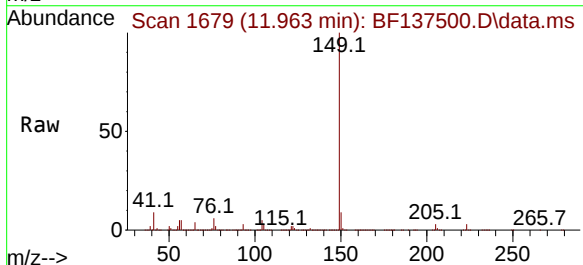
Instrument :
BNA_F
ClientSampleId :
PB159437BS

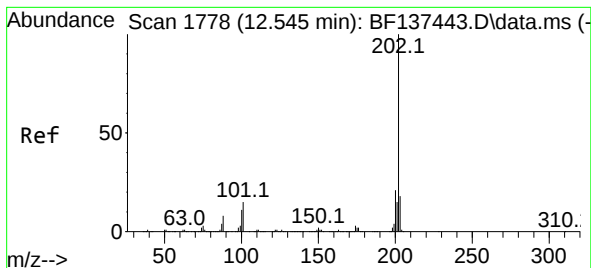
Tgt Ion:167 Resp: 2031993
Ion Ratio Lower Upper
167 100
166 22.2 17.8 26.8
139 13.2 10.5 15.7



#74
Di-n-butylphthalate
Concen: 43.911 ng
RT: 11.963 min Scan# 1679
Delta R.T. 0.000 min
Lab File: BF137500.D
Acq: 05 Mar 2024 14:55

Tgt Ion:149 Resp: 2400828
Ion Ratio Lower Upper
149 100
150 9.5 7.4 11.0
104 5.1 3.8 5.6

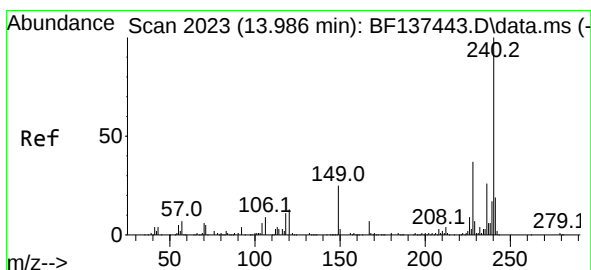
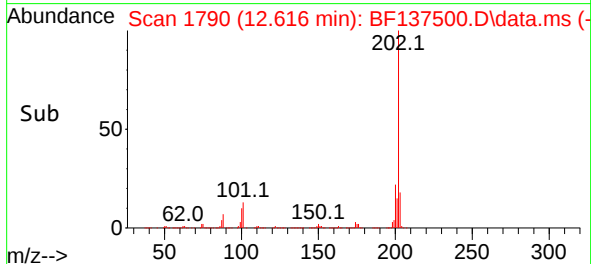
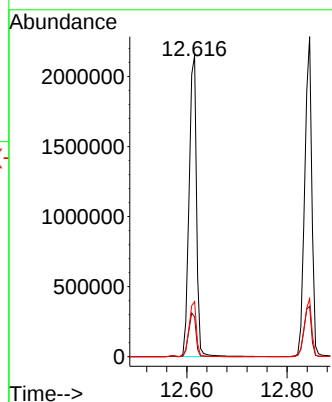
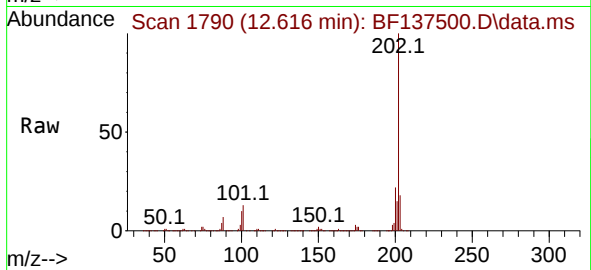




#75
Fluoranthene
Concen: 43.145 ng
RT: 12.616 min Scan# 1778
Delta R.T. 0.006 min
Lab File: BF137500.D
Acq: 05 Mar 2024 14:55

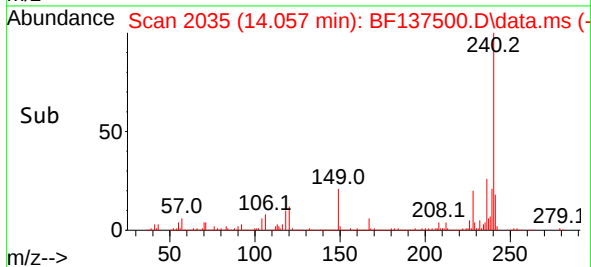
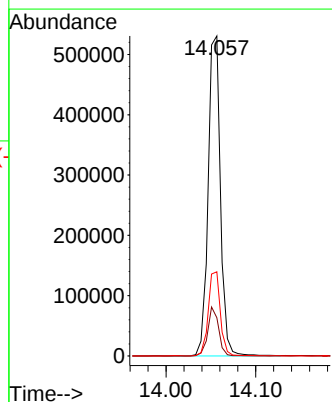
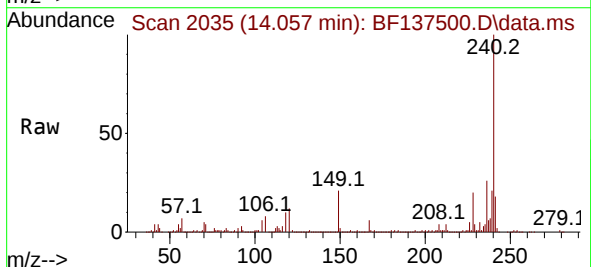
Instrument :
BNA_F
ClientSampleId :
PB159437BS

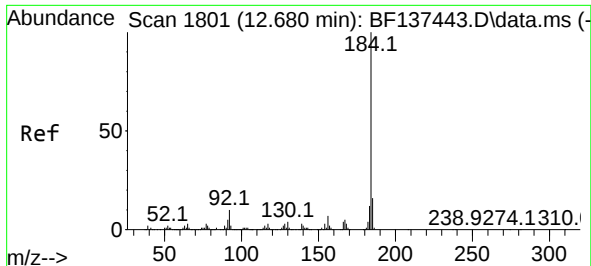
Tgt Ion:202 Resp: 2202954
Ion Ratio Lower Upper
202 100
101 13.2 0.0 35.0
203 18.3 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. 0.006 min
Lab File: BF137500.D
Acq: 05 Mar 2024 14:55

Tgt Ion:240 Resp: 505678
Ion Ratio Lower Upper
240 100
120 12.0 10.4 15.6
236 26.3 20.9 31.3

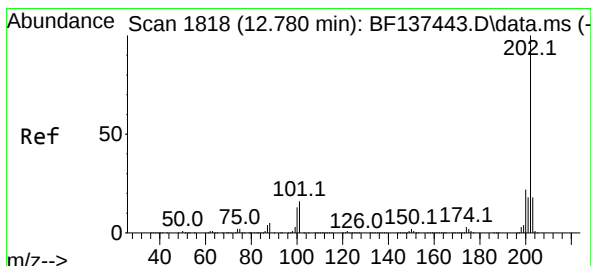
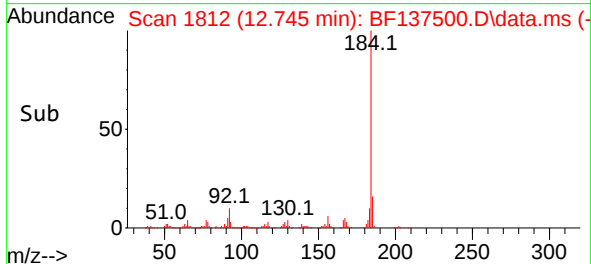
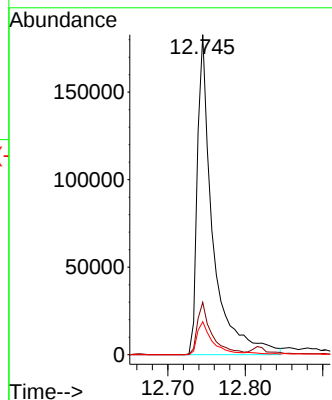
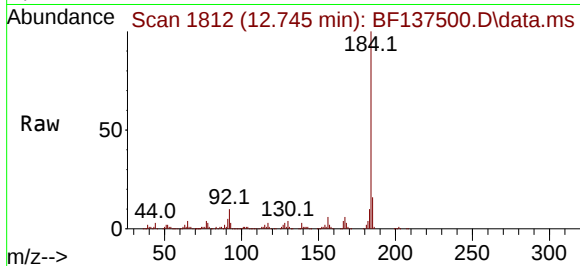




#77
Benzidine
Concen: 20.430 ng
RT: 12.745 min Scan# 1812
Delta R.T. 0.006 min
Lab File: BF137500.D
Acq: 05 Mar 2024 14:55

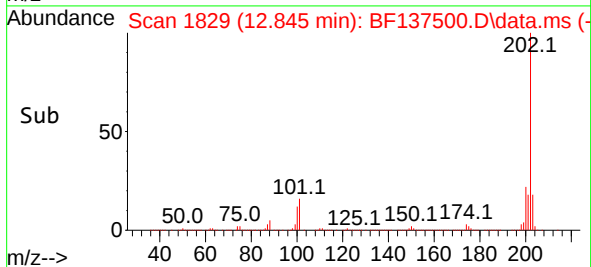
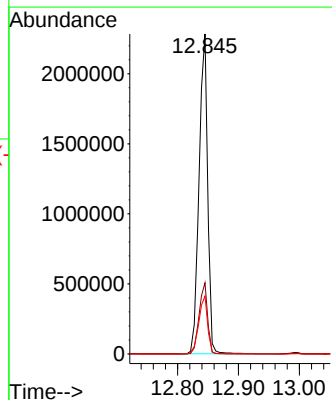
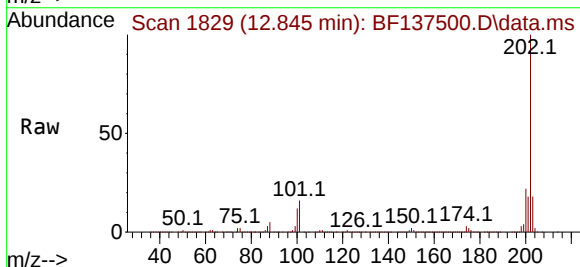
Instrument :
BNA_F
ClientSampleId :
PB159437BS

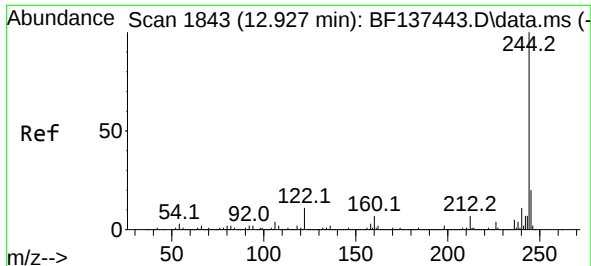
Tgt Ion:184 Resp: 252829
Ion Ratio Lower Upper
184 100
185 16.3 13.2 19.8
183 10.3 9.3 13.9



#78
Pyrene
Concen: 45.281 ng
RT: 12.845 min Scan# 1829
Delta R.T. 0.006 min
Lab File: BF137500.D
Acq: 05 Mar 2024 14:55

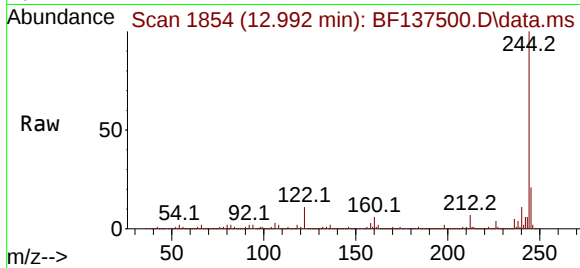
Tgt Ion:202 Resp: 2246752
Ion Ratio Lower Upper
202 100
200 22.3 17.4 26.2
203 18.1 14.1 21.1



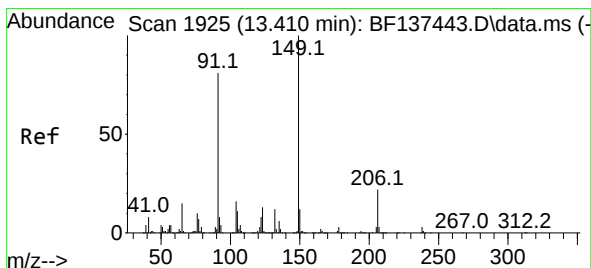
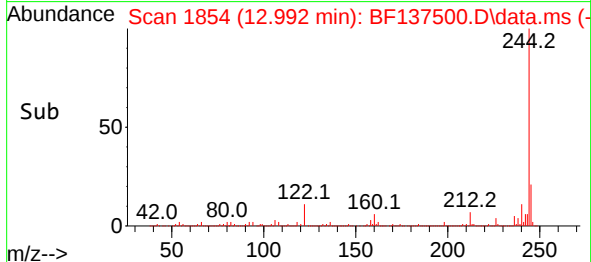
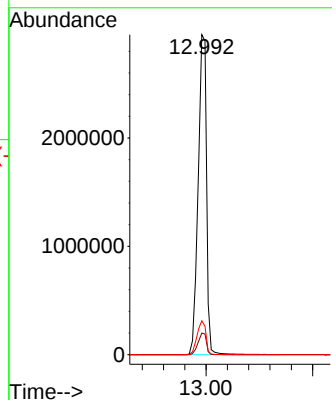


#79
 Terphenyl-d14
 Concen: 87.432 ng
 RT: 12.992 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF137500.D
 Acq: 05 Mar 2024 14:55

Instrument :
 BNA_F
 ClientSampleId :
 PB159437BS

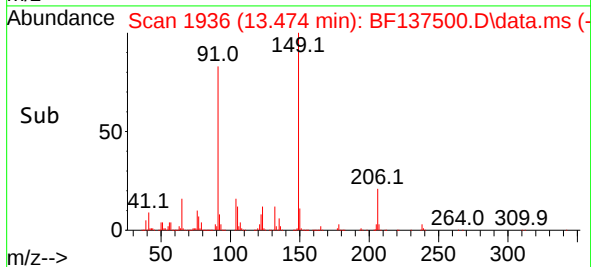
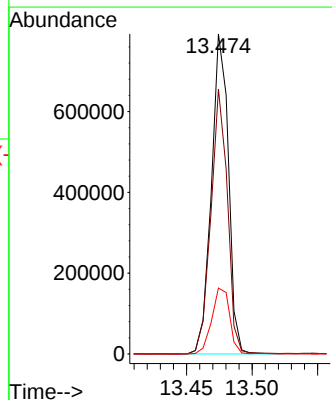
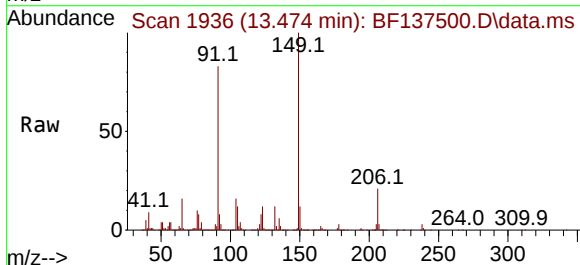


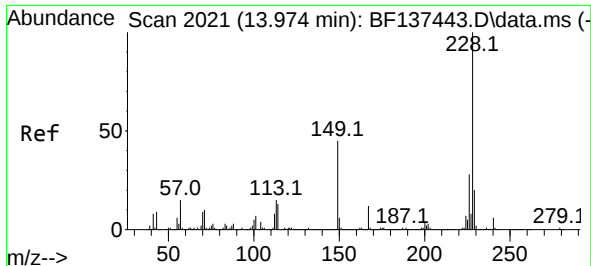
Tgt Ion:244 Resp: 3215214
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 10.6 9.1 13.7



#80
 Butylbenzylphthalate
 Concen: 56.475 ng
 RT: 13.474 min Scan# 1936
 Delta R.T. 0.006 min
 Lab File: BF137500.D
 Acq: 05 Mar 2024 14:55

Tgt Ion:149 Resp: 715639
 Ion Ratio Lower Upper
 149 100
 91 82.8 64.7 97.1
 206 20.6 17.5 26.3

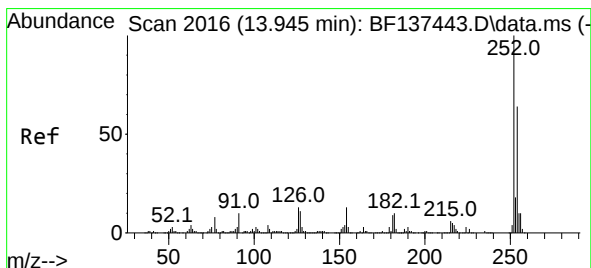
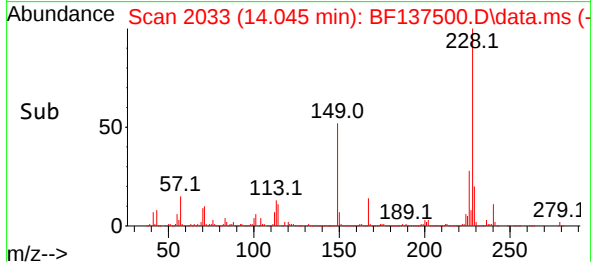
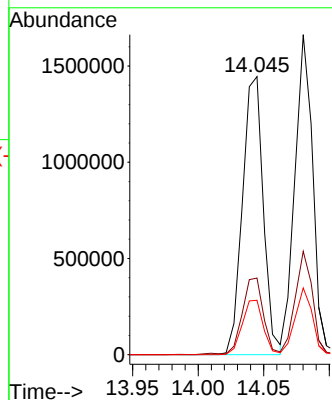
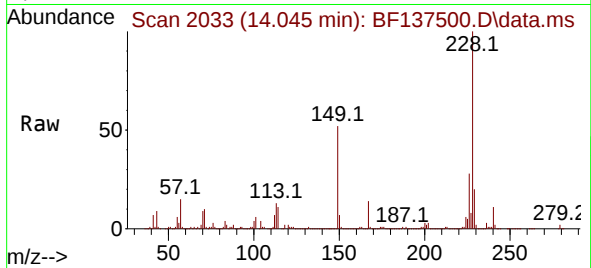




#81
Benzo(a)anthracene
Concen: 45.160 ng
RT: 14.045 min Scan# 2027
Delta R.T. 0.006 min
Lab File: BF137500.D
Acq: 05 Mar 2024 14:55

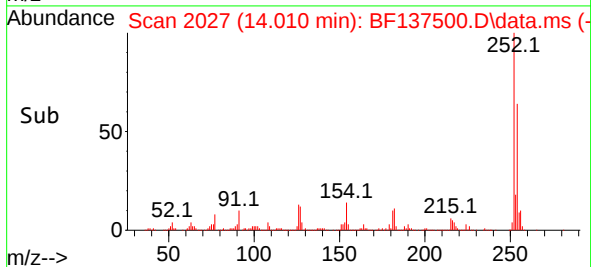
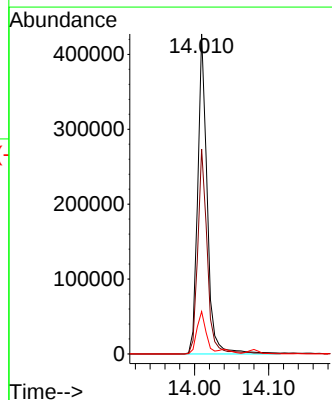
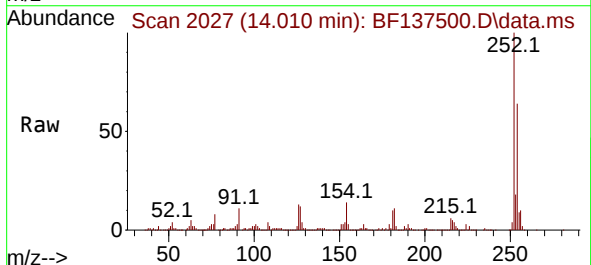
Instrument :
BNA_F
ClientSampleId :
PB159437BS

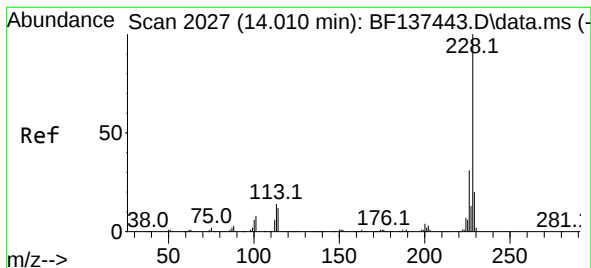
Tgt Ion:228 Resp: 1600589
Ion Ratio Lower Upper
228 100
226 27.6 22.3 33.5
229 19.6 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 40.082 ng
RT: 14.010 min Scan# 2027
Delta R.T. 0.006 min
Lab File: BF137500.D
Acq: 05 Mar 2024 14:55

Tgt Ion:252 Resp: 378310
Ion Ratio Lower Upper
252 100
254 64.1 51.4 77.2
126 13.2 10.4 15.6





#83

Chrysene

Concen: 44.587 ng

RT: 14.080 min Scan# 2033

Delta R.T. 0.006 min

Lab File: BF137500.D

Acq: 05 Mar 2024 14:55

Instrument :

BNA_F

ClientSampleId :

PB159437BS

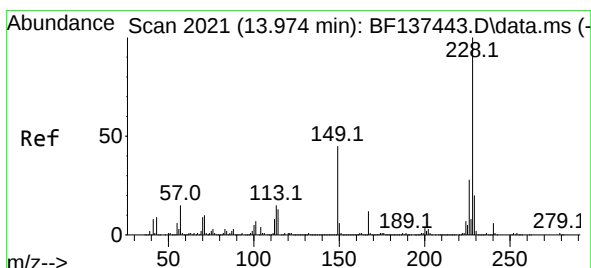
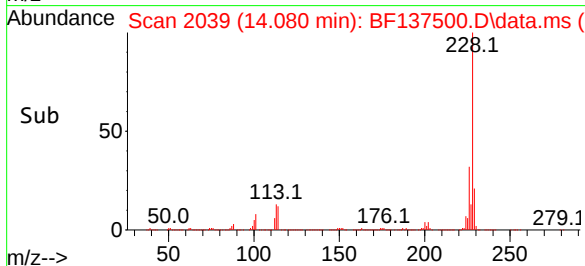
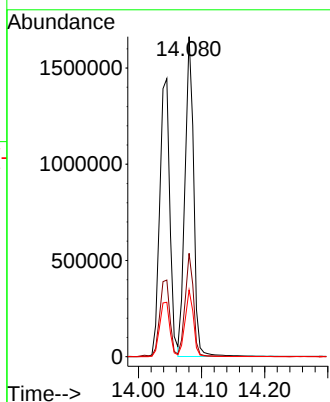
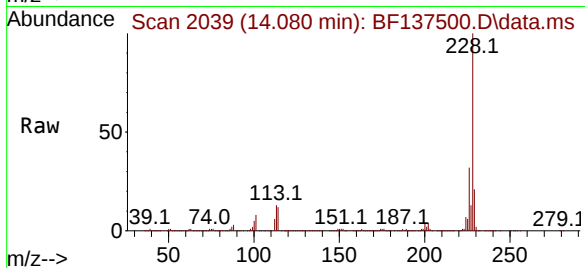
Tgt Ion:228 Resp: 1597174

Ion Ratio Lower Upper

228 100

226 32.3 24.7 37.1

229 20.9 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.374 ng

RT: 14.045 min Scan# 2033

Delta R.T. 0.006 min

Lab File: BF137500.D

Acq: 05 Mar 2024 14:55

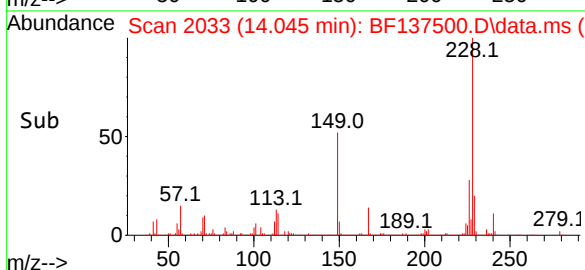
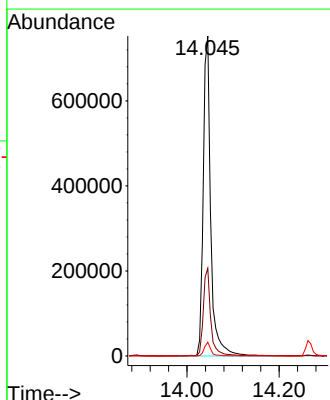
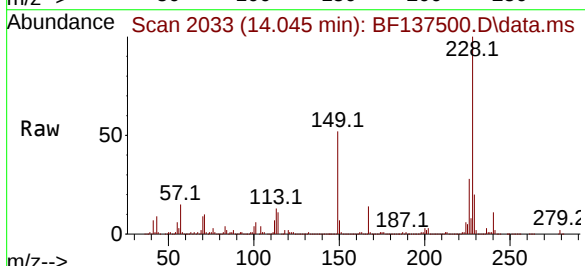
Tgt Ion:149 Resp: 859661

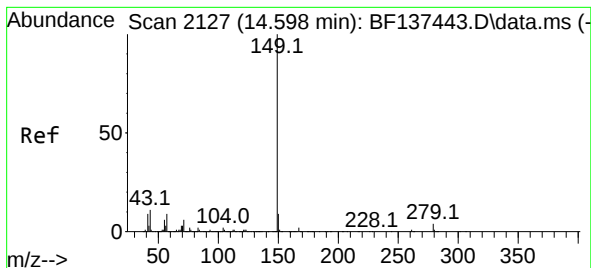
Ion Ratio Lower Upper

149 100

167 27.4 21.3 31.9

279 4.3 2.6 4.0#





#85

Di-n-octyl phthalate

Concen: 46.863 ng

RT: 14.668 min Scan# 2127

Delta R.T. 0.006 min

Lab File: BF137500.D

Acq: 05 Mar 2024 14:55

Instrument :

BNA_F

ClientSampleId :

PB159437BS

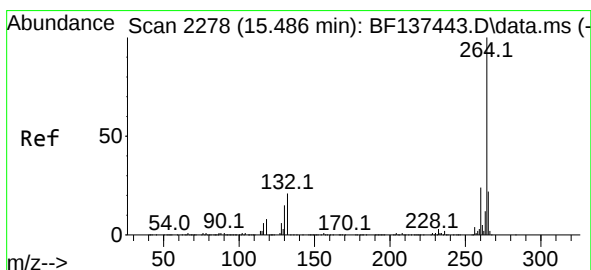
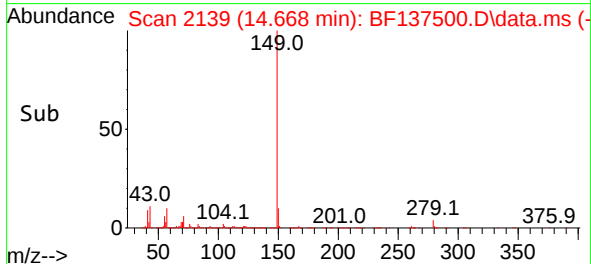
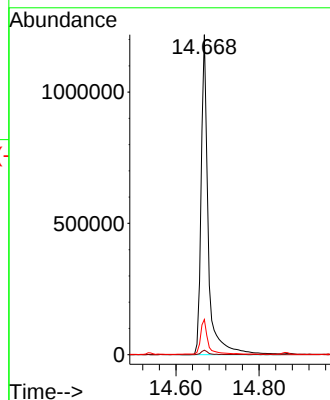
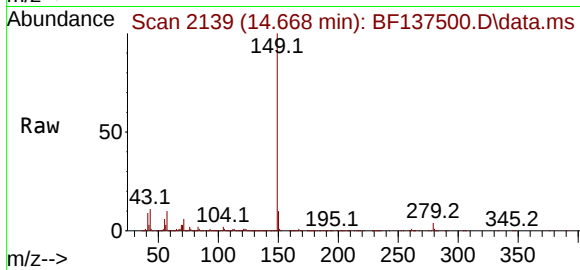
Tgt Ion:149 Resp: 1450013

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

43 11.3 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.580 min Scan# 2294

Delta R.T. 0.012 min

Lab File: BF137500.D

Acq: 05 Mar 2024 14:55

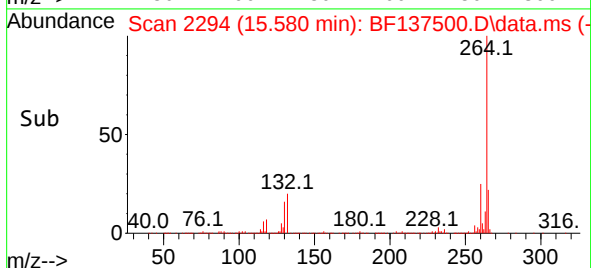
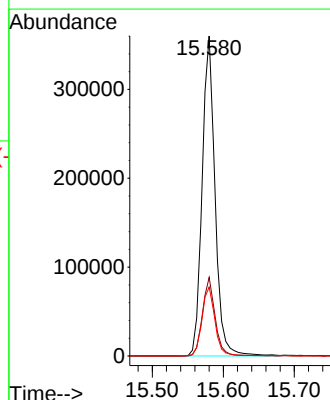
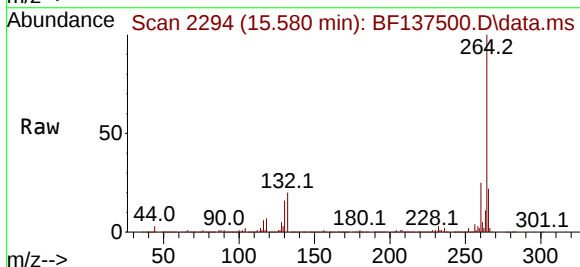
Tgt Ion:264 Resp: 456854

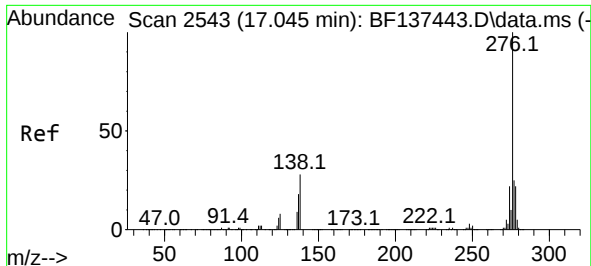
Ion Ratio Lower Upper

264 100

260 24.6 19.3 28.9

265 21.5 17.4 26.0

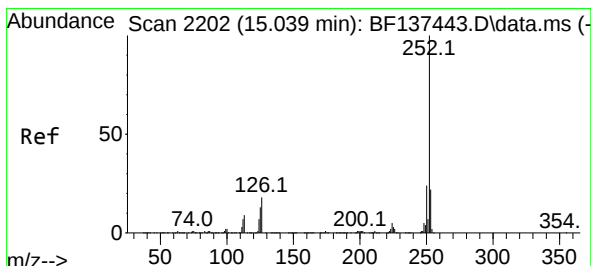
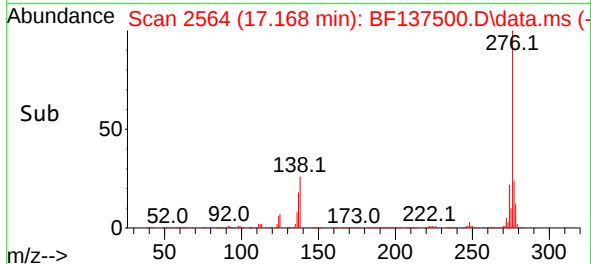
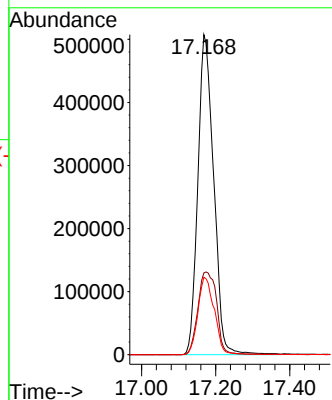
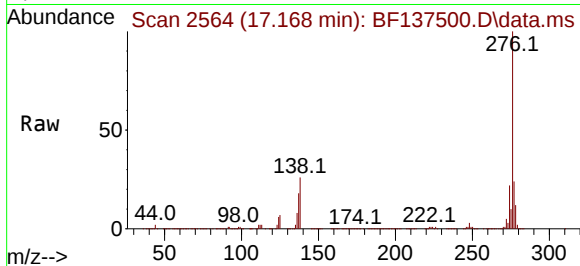




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 49.982 ng
 RT: 17.168 min Scan# 211
 Delta R.T. 0.012 min
 Lab File: BF137500.D
 Acq: 05 Mar 2024 14:55

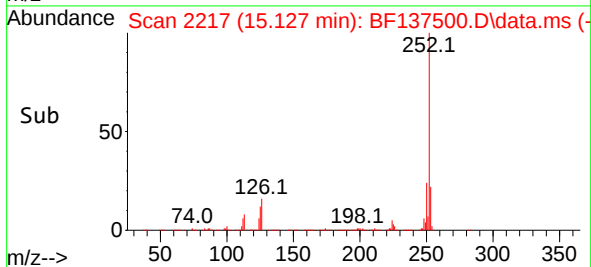
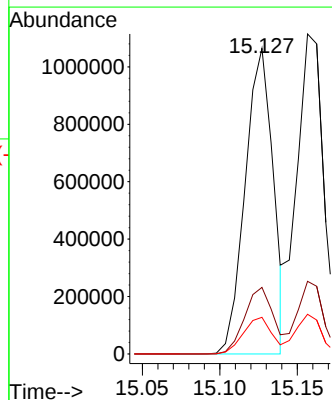
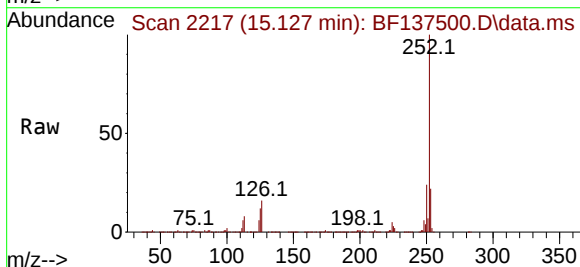
Instrument :
 BNA_F
 ClientSampleId :
 PB159437BS

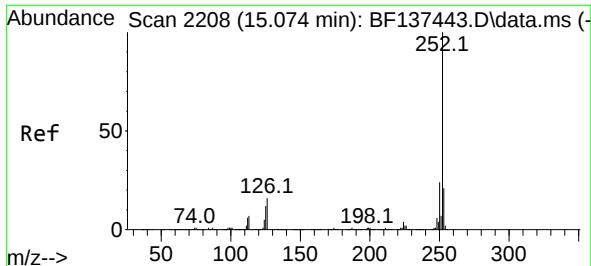
Tgt Ion:276 Resp: 1502652
 Ion Ratio Lower Upper
 276 100
 138 30.7 25.8 38.8
 277 25.2 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 49.549 ng
 RT: 15.127 min Scan# 2217
 Delta R.T. 0.012 min
 Lab File: BF137500.D
 Acq: 05 Mar 2024 14:55

Tgt Ion:252 Resp: 1339054
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.8 26.8
 125 12.0 10.1 15.1

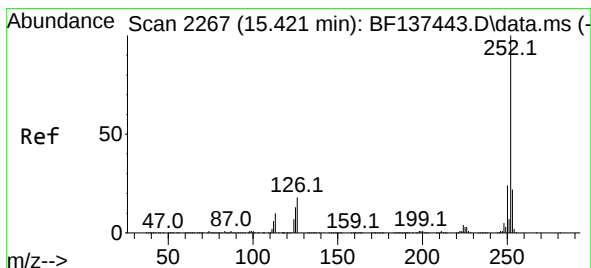
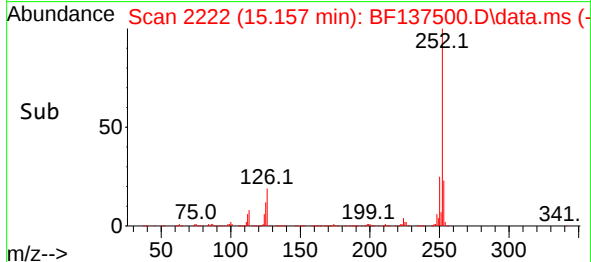
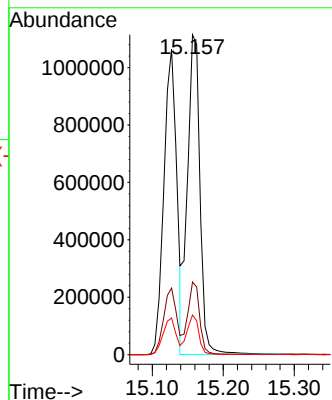
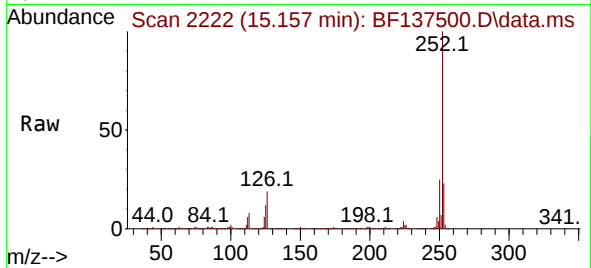




#89
Benzo(k)fluoranthene
Concen: 47.064 ng
RT: 15.157 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF137500.D
Acq: 05 Mar 2024 14:55

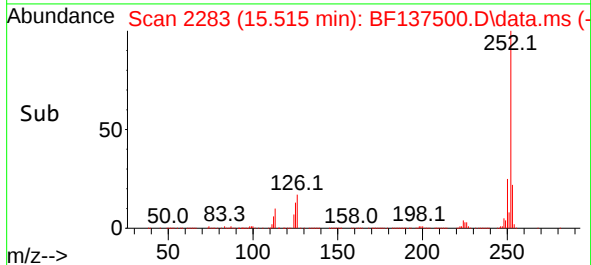
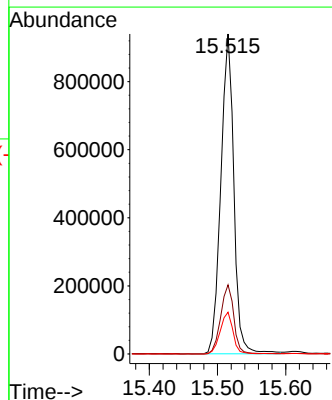
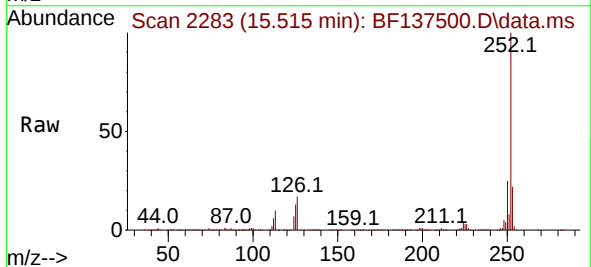
Instrument :
BNA_F
ClientSampleId :
PB159437BS

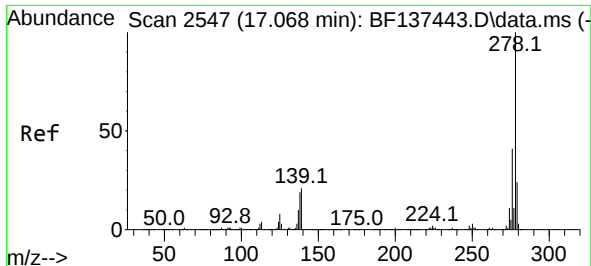
Tgt Ion:252 Resp: 1366144
Ion Ratio Lower Upper
252 100
253 22.7 17.3 25.9
125 12.4 9.6 14.4



#90
Benzo(a)pyrene
Concen: 46.762 ng
RT: 15.515 min Scan# 2283
Delta R.T. 0.012 min
Lab File: BF137500.D
Acq: 05 Mar 2024 14:55

Tgt Ion:252 Resp: 1245334
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 13.0 10.4 15.6

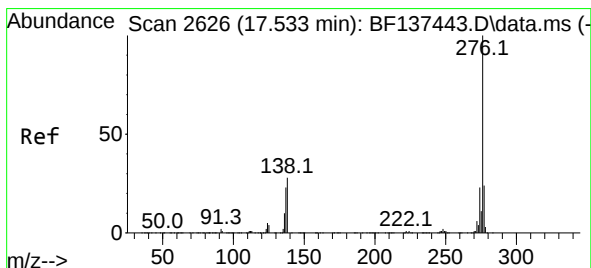
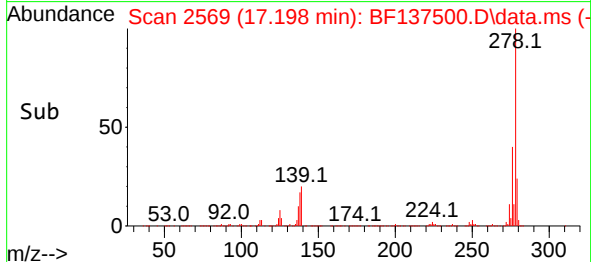
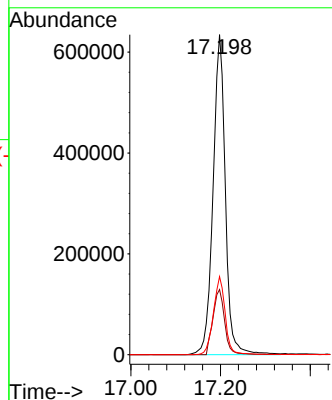
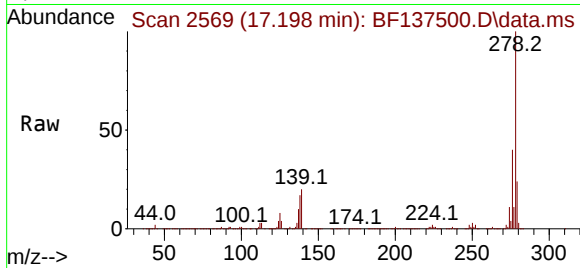




#91
Dibenzo(a,h)anthracene
Concen: 49.649 ng
RT: 17.198 min Scan# 2569
Delta R.T. 0.018 min
Lab File: BF137500.D
Acq: 05 Mar 2024 14:55

Instrument :
BNA_F
ClientSampleId :
PB159437BS

Tgt Ion:278 Resp: 1210847
Ion Ratio Lower Upper
278 100
139 20.4 17.0 25.6
279 24.4 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 48.986 ng
RT: 17.656 min Scan# 2647
Delta R.T. 0.018 min
Lab File: BF137500.D
Acq: 05 Mar 2024 14:55

Tgt Ion:276 Resp: 1226921
Ion Ratio Lower Upper
276 100
277 24.0 19.0 28.4
138 26.9 22.2 33.2

