

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031424\
 Data File : BF137593.D
 Acq On : 14 Mar 2024 16:30
 Operator : CG\JU
 Sample : PB159584BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159584BS

Quant Time: Mar 14 17:00:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 14:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	212526	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	816653	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	421172	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	695843	20.000	ng	0.00
76) Chrysene-d12	13.880	240	410966	20.000	ng	0.00
86) Perylene-d12	15.298	264	394541	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1759141	125.363	ng	0.02
7) Phenol-d6	6.375	99	2375571	117.281	ng	0.00
23) Nitrobenzene-d5	7.298	82	1488202	84.672	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	505084	136.560	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	2327835	86.518	ng	0.00
79) Terphenyl-d14	12.827	244	2312463	77.376	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.487	88	283576	36.959	ng	97
3) Pyridine	3.187	79	607149	32.811	ng	98
4) n-Nitrosodimethylamine	3.157	42	324856	43.707	ng	96
6) Aniline	6.392	93	463891	18.743	ng	# 66
8) 2-Chlorophenol	6.510	128	698449	47.191	ng	96
9) Benzaldehyde	6.275	77	249958	25.189	ng	99
10) Phenol	6.386	94	906177	41.565	ng	96
11) bis(2-Chloroethyl)ether	6.469	93	695570	43.538	ng	99
12) 1,3-Dichlorobenzene	6.669	146	718275	45.416	ng	96
13) 1,4-Dichlorobenzene	6.745	146	723799	44.729	ng	99
14) 1,2-Dichlorobenzene	6.892	146	687574	46.293	ng	99
15) Benzyl Alcohol	6.881	79	617413	48.962	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.004	45	1124828	40.960	ng	96
17) 2-Methylphenol	6.992	107	572696	41.352	ng	97
18) Hexachloroethane	7.233	117	252716	47.430	ng	94
19) n-Nitroso-di-n-propyla...	7.151	70	505156	40.387	ng	99
20) 3+4-Methylphenols	7.145	107	645031	40.667	ng	95
22) Acetophenone	7.139	105	897309	45.412	ng	# 97
24) Nitrobenzene	7.316	77	776295	43.968	ng	97
25) Isophorone	7.551	82	1462770	43.807	ng	99
26) 2-Nitrophenol	7.628	139	349353	49.839	ng	97
27) 2,4-Dimethylphenol	7.669	122	508137	38.796	ng	98
28) bis(2-Chloroethoxy)met...	7.769	93	880728	44.954	ng	98
29) 2,4-Dichlorophenol	7.869	162	558586	46.468	ng	98
30) 1,2,4-Trichlorobenzene	7.951	180	592159	46.811	ng	100
31) Naphthalene	8.033	128	1926077	43.958	ng	99
32) Benzoic acid	7.822	122	314211	42.490	ng	94
33) 4-Chloroaniline	8.086	127	283807	16.518	ng	99
34) Hexachlorobutadiene	8.145	225	346656	46.417	ng	99
35) Caprolactam	8.463	113	105747	25.943	ng	95
36) 4-Chloro-3-methylphenol	8.575	107	591130	43.993	ng	99
37) 2-Methylnaphthalene	8.722	142	1169333	41.863	ng	99
38) 1-Methylnaphthalene	8.822	142	1111032	42.236	ng	100
40) 1,2,4,5-Tetrachloroben...	8.886	216	575356	48.933	ng	100
41) Hexachlorocyclopentadiene	8.875	237	448639	92.107	ng	99
43) 2,4,6-Trichlorophenol	9.004	196	370592	48.400	ng	99

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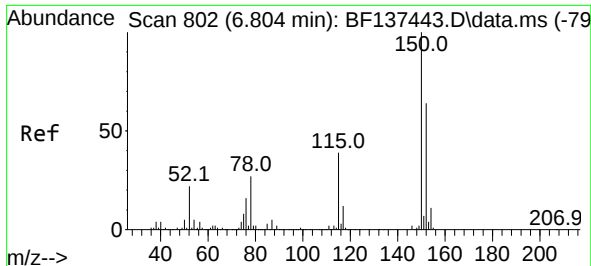
Quant Time: Mar 14 17:00:52 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.057	196	377332	42.780	ng	96
46) 1,1'-Biphenyl	9.186	154	1431022	46.422	ng	99
47) 2-Chloronaphthalene	9.210	162	1122318	47.753	ng	98
48) 2-Nitroaniline	9.316	65	385078	48.206	ng	97
49) Acenaphthylene	9.627	152	1754233	46.641	ng	100
50) Dimethylphthalate	9.492	163	1302874	44.439	ng	99
51) 2,6-Dinitrotoluene	9.557	165	286627	46.741	ng	92
52) Acenaphthene	9.798	154	984630	43.850	ng	99
53) 3-Nitroaniline	9.722	138	187889	28.967	ng	97
54) 2,4-Dinitrophenol	9.833	184	270128	89.253	ng	96
55) Dibenzofuran	9.969	168	1487094	43.482	ng	99
56) 4-Nitrophenol	9.898	139	397595	85.810	ng	97
57) 2,4-Dinitrotoluene	9.957	165	355510	47.188	ng	92
58) Fluorene	10.310	166	1103778	42.025	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.086	232	322111	45.540	ng	94
60) Diethylphthalate	10.192	149	1201982	43.415	ng	100
61) 4-Chlorophenyl-phenyle...	10.304	204	531400	41.283	ng	97
62) 4-Nitroaniline	10.345	138	243087	43.604	ng	93
63) Azobenzene	10.463	77	1344595	42.176	ng	99
65) 4,6-Dinitro-2-methylph...	10.369	198	196349	50.628	ng	81
66) n-Nitrosodiphenylamine	10.427	169	1010616	45.103	ng	99
67) 4-Bromophenyl-phenylether	10.792	248	353209	46.604	ng	99
68) Hexachlorobenzene	10.851	284	380856	49.753	ng	98
69) Atrazine	10.957	200	282401	41.458	ng	98
70) Pentachlorophenol	11.051	266	397243	85.844	ng	99
71) Phenanthrene	11.269	178	1661441	43.873	ng	99
72) Anthracene	11.321	178	1685156	43.327	ng	99
73) Carbazole	11.480	167	1477536	44.350	ng	99
74) Di-n-butylphthalate	11.810	149	1746649	44.066	ng	99
75) Fluoranthene	12.457	202	1584824	42.814	ng	98
77) Benzidine	12.586	184	161621	16.070	ng	100
78) Pyrene	12.680	202	1621241	40.204	ng	100
80) Butylbenzylphthalate	13.304	149	571285	55.473	ng	99
81) Benzo(a)anthracene	13.868	228	1263436	43.863	ng	99
82) 3,3'-Dichlorobenzidine	13.833	252	327965	42.756	ng	99
83) Chrysene	13.904	228	1278941	43.931	ng	99
84) Bis(2-ethylhexyl)phtha...	13.862	149	723730	55.290	ng	98
85) Di-n-octyl phthalate	14.474	149	1289849	50.764	ng	97
87) Indeno(1,2,3-cd)pyrene	16.692	276	1187347	45.731	ng	98
88) Benzo(b)fluoranthene	14.892	252	1241344	53.188	ng	99
89) Benzo(k)fluoranthene	14.921	252	1086003	43.322	ng	99
90) Benzo(a)pyrene	15.239	252	1067951	46.435	ng	99
91) Dibenzo(a,h)anthracene	16.703	278	963129	45.729	ng	98
92) Benzo(g,h,i)perylene	17.109	276	965749	44.648	ng	98

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

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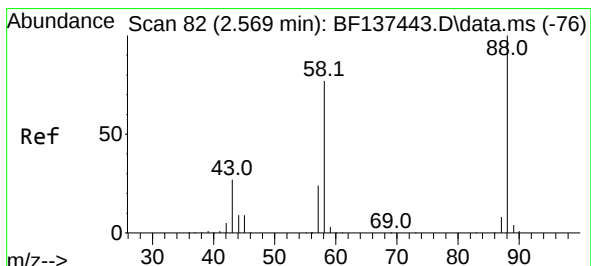
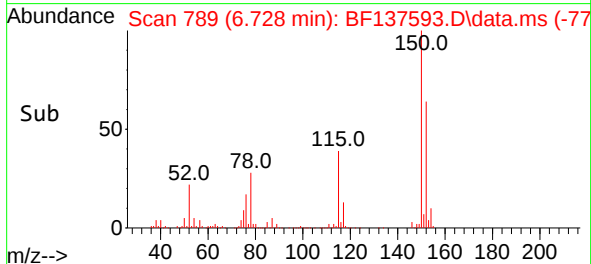
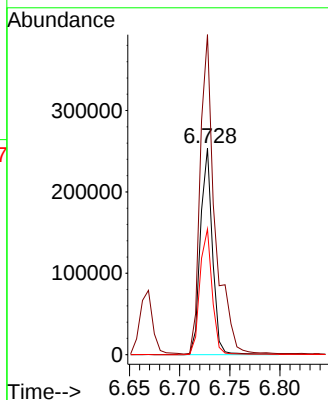
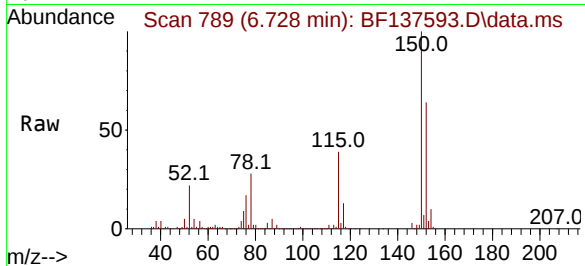




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.728 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF137593.D
 Acq: 14 Mar 2024 16:30

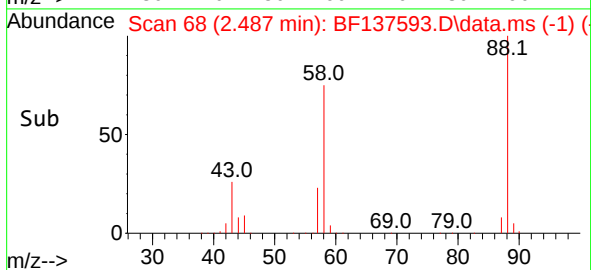
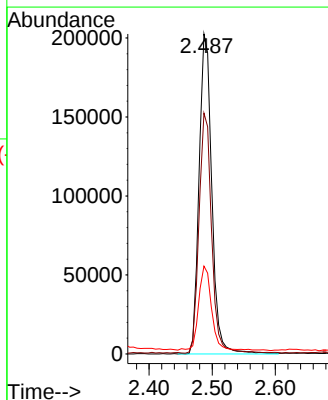
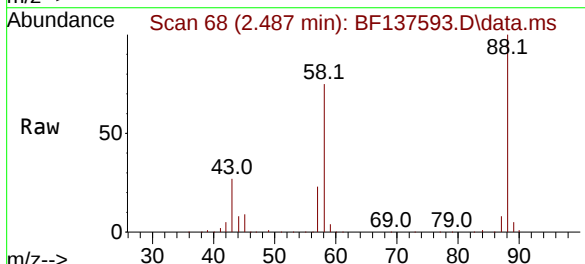
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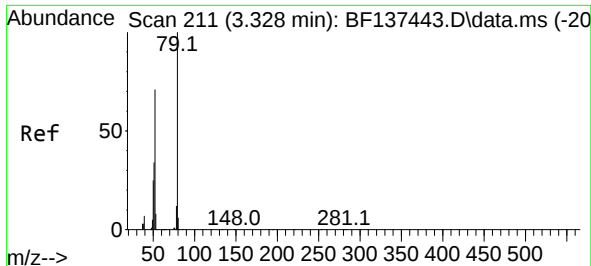
Tgt Ion:152 Resp: 212526
 Ion Ratio Lower Upper
 152 100
 150 155.1 125.8 188.6
 115 60.9 48.8 73.2



#2
 1,4-Dioxane
 Concen: 36.959 ng
 RT: 2.487 min Scan# 68
 Delta R.T. 0.117 min
 Lab File: BF137593.D
 Acq: 14 Mar 2024 16:30

Tgt Ion: 88 Resp: 283576
 Ion Ratio Lower Upper
 88 100
 58 74.1 61.8 92.8
 43 27.3 22.2 33.4

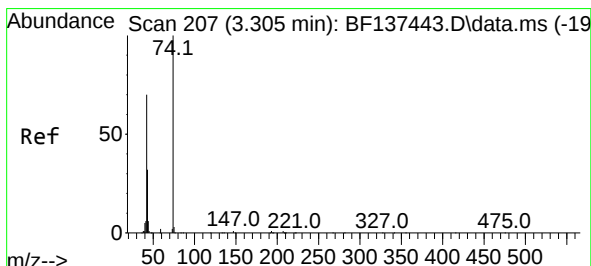
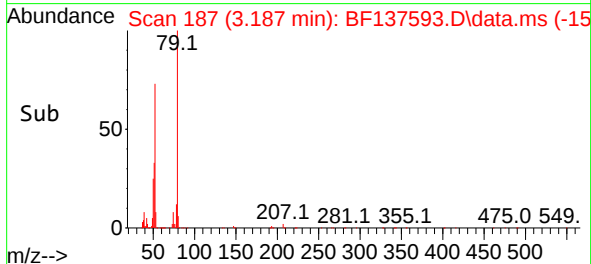
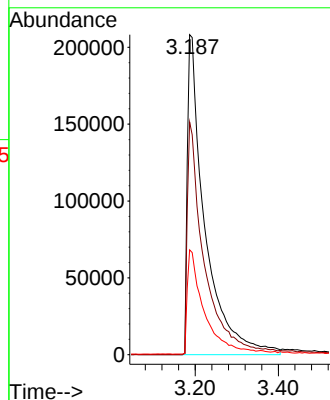
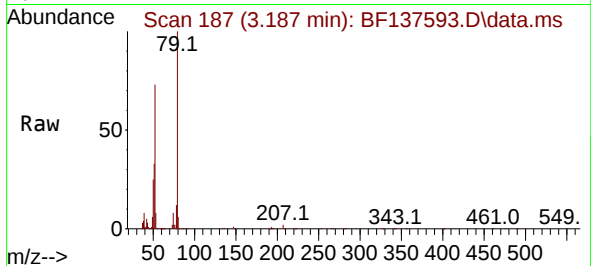




#3
Pyridine
Concen: 32.811 ng
RT: 3.187 min Scan# 187
Delta R.T. 0.117 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

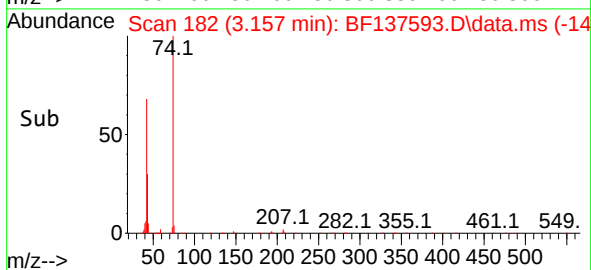
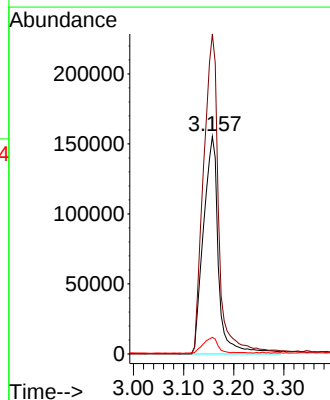
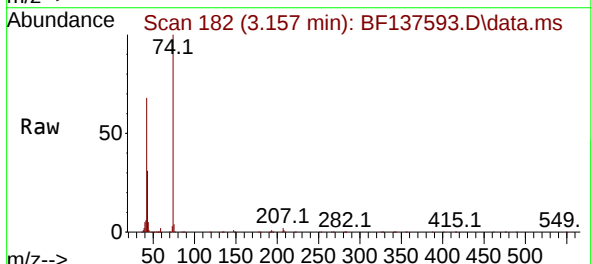
Instrument :
BNA_F
ClientSampleId :
PB159584BS

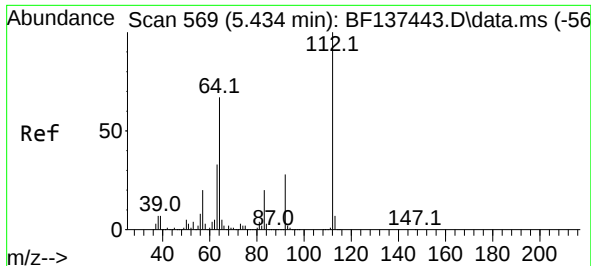
Tgt Ion: 79 Resp: 607149
Ion Ratio Lower Upper
79 100
52 72.7 57.0 85.4
51 32.7 27.5 41.3



#4
n-Nitrosodimethylamine
Concen: 43.707 ng
RT: 3.157 min Scan# 182
Delta R.T. 0.117 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

Tgt Ion: 42 Resp: 324856
Ion Ratio Lower Upper
42 100
74 147.0 114.0 171.0
44 7.6 7.0 10.4

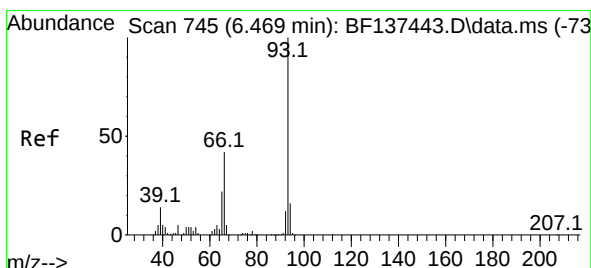
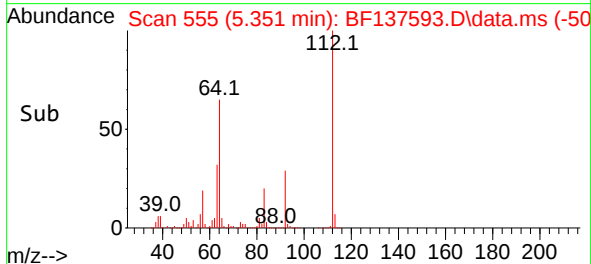
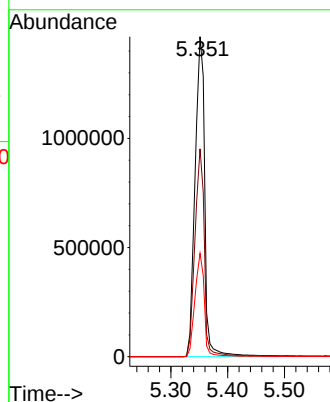
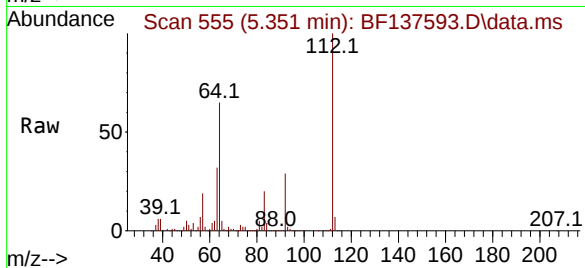




#5
2-Fluorophenol
Concen: 125.363 ng
RT: 5.351 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

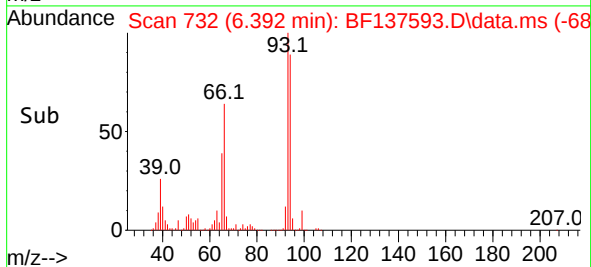
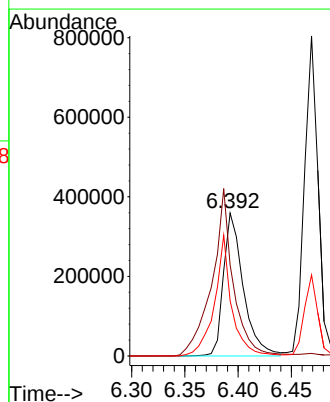
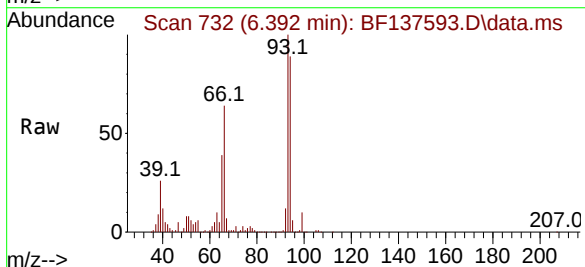
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:112 Resp: 1759141
Ion Ratio Lower Upper
112 100
64 65.0 53.4 80.2
63 32.3 26.2 39.2



#6
Aniline
Concen: 18.743 ng
RT: 6.392 min Scan# 732
Delta R.T. -0.000 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

Tgt Ion: 93 Resp: 463891
Ion Ratio Lower Upper
93 100
66 63.6 34.0 51.0#
65 38.6 17.8 26.8#





#7

Phenol-d6

Concen: 117.281 ng

RT: 6.375 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF137593.D

Acq: 14 Mar 2024 16:30

Instrument :

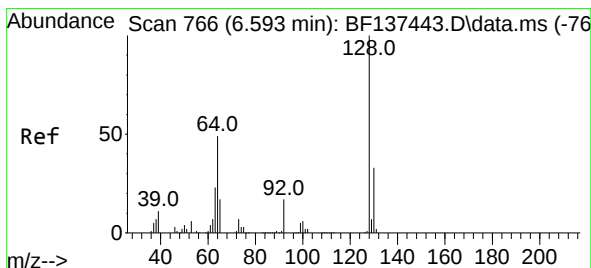
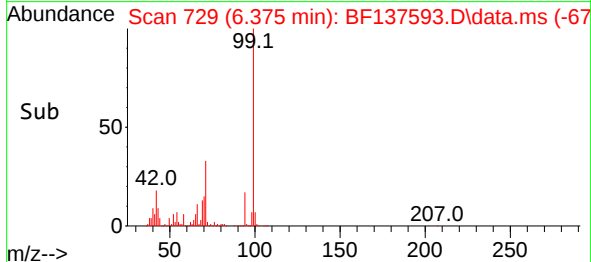
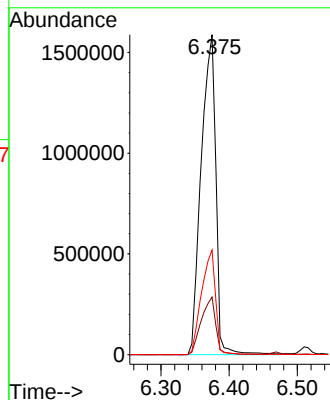
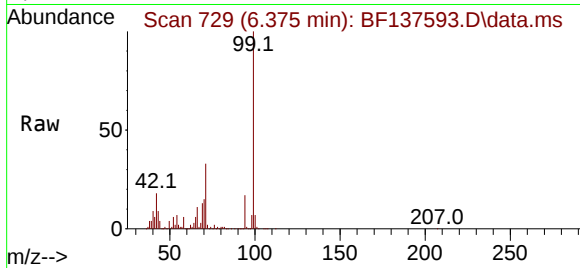
BNA_F

ClientSampleId :

PB159584BS

Tgt Ion: 99 Resp: 2375571

Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.6	21.8
71	32.7	25.3	37.9



#8

2-Chlorophenol

Concen: 47.191 ng

RT: 6.510 min Scan# 752

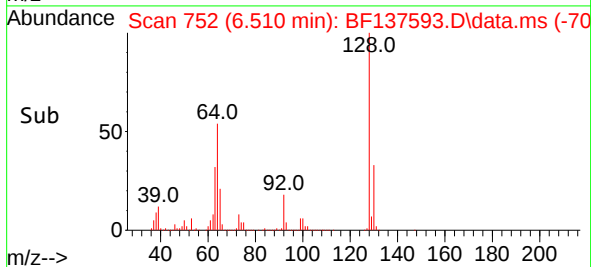
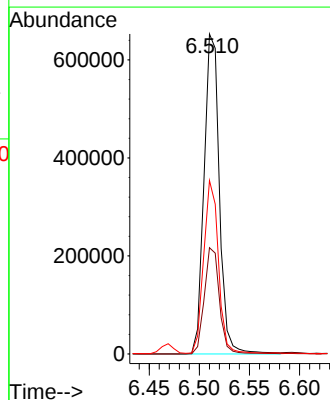
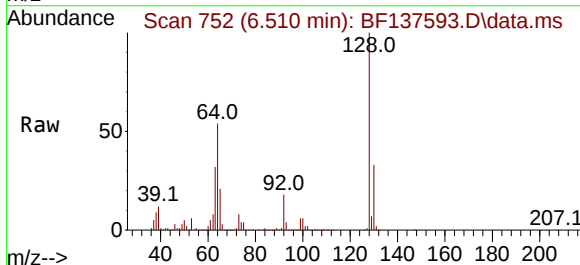
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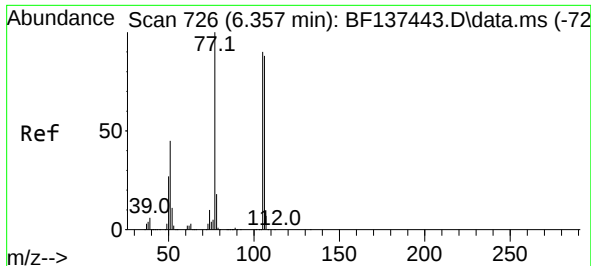
Lab File: BF137593.D

Acq: 14 Mar 2024 16:30

Tgt Ion:128 Resp: 698449

Ion	Ratio	Lower	Upper
128	100		
130	33.2	13.4	53.4
64	54.2	30.0	70.0





#9

Benzaldehyde

Concen: 25.189 ng

RT: 6.275 min Scan# 711

Delta R.T. -0.006 min

Lab File: BF137593.D

Acq: 14 Mar 2024 16:30

Instrument :

BNA_F

ClientSampleId :

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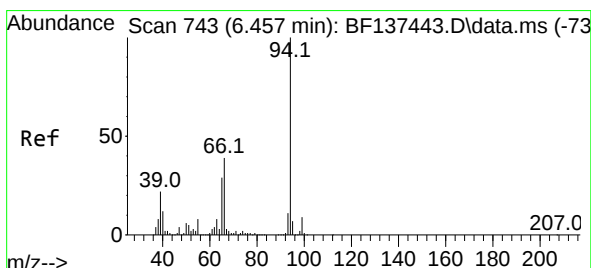
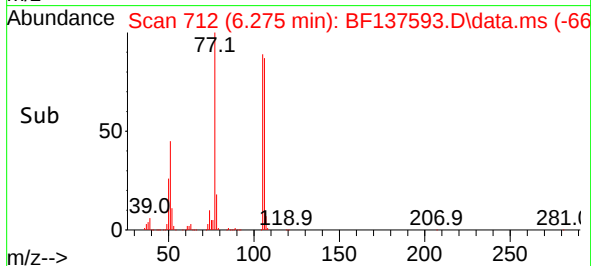
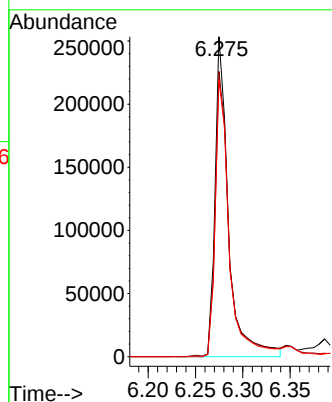
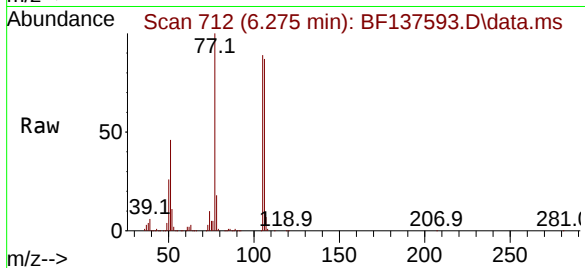
Tgt Ion: 77 Resp: 249958

Ion Ratio Lower Upper

77 100

105 89.1 69.8 109.8

106 86.6 67.8 107.8



#10

Phenol

Concen: 41.565 ng

RT: 6.386 min Scan# 731

Delta R.T. 0.006 min

Lab File: BF137593.D

Acq: 14 Mar 2024 16:30

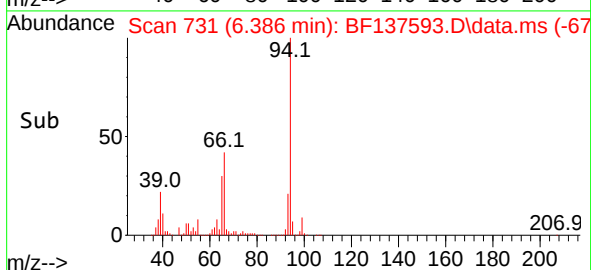
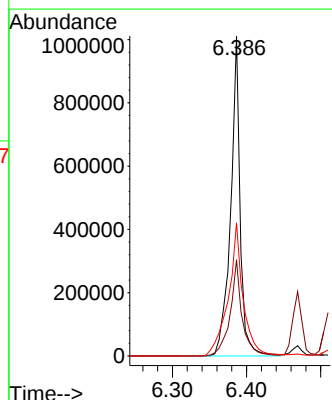
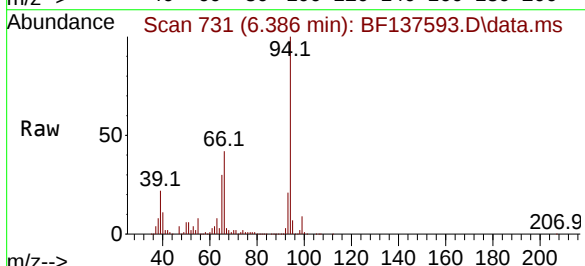
Tgt Ion: 94 Resp: 906177

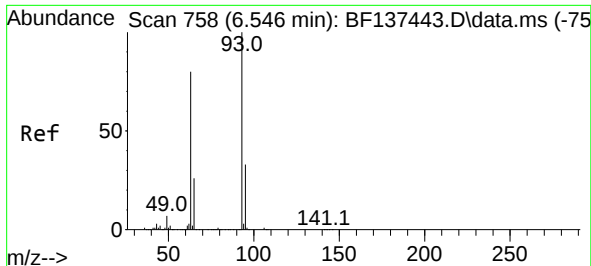
Ion Ratio Lower Upper

94 100

65 30.0 8.7 48.7

66 41.6 18.6 58.6





#11

bis(2-Chloroethyl)ether

Concen: 43.538 ng

RT: 6.469 min Scan# 745

Delta R.T. -0.000 min

Lab File: BF137593.D

Acq: 14 Mar 2024 16:30

Instrument :

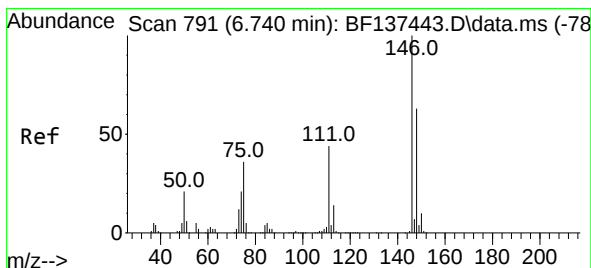
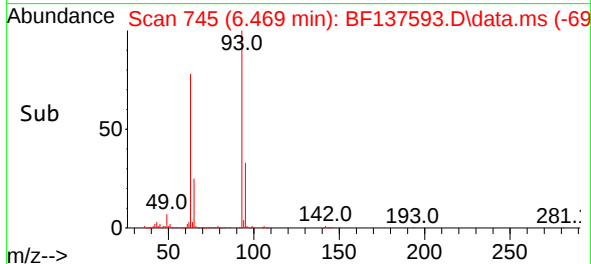
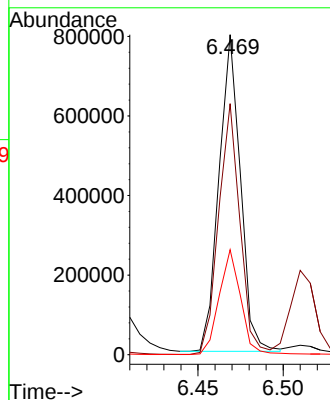
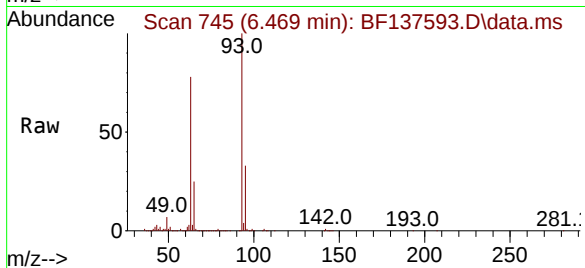
BNA_F

ClientSampleId :

PB159584BS

Tgt Ion: 93 Resp: 695570

Ion	Ratio	Lower	Upper
93	100		
63	78.4	58.9	98.9
95	32.8	12.2	52.2



#12

1,3-Dichlorobenzene

Concen: 45.416 ng

RT: 6.669 min Scan# 779

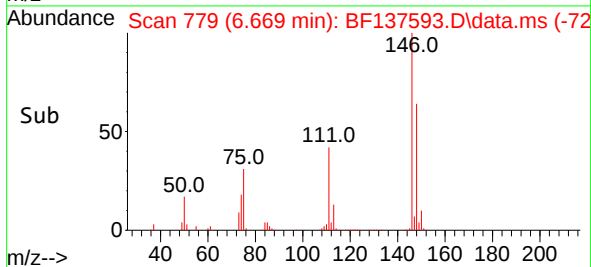
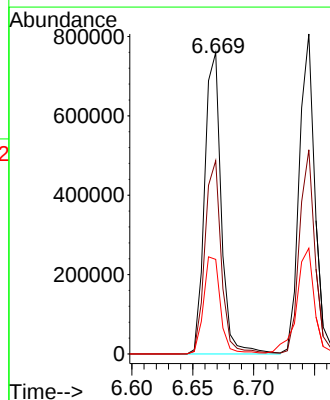
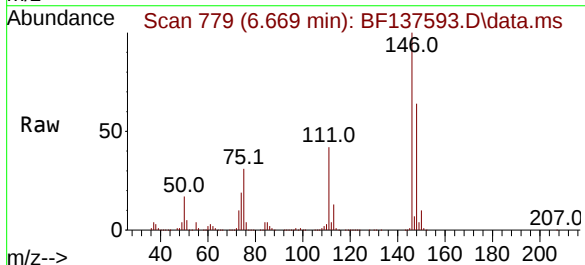
Delta R.T. -0.000 min

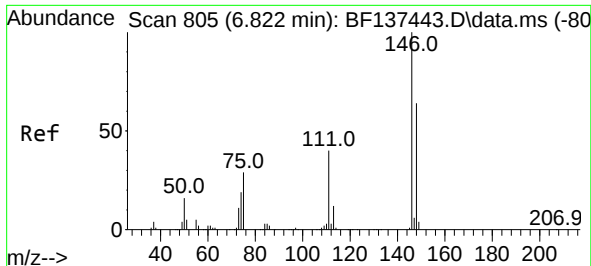
Lab File: BF137593.D

Acq: 14 Mar 2024 16:30

Tgt Ion: 146 Resp: 718275

Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.3	75.5
75	31.4	29.0	43.4





#13

1,4-Dichlorobenzene

Concen: 44.729 ng

RT: 6.745 min Scan# 79

Delta R.T. -0.000 min

Lab File: BF137593.D

Acq: 14 Mar 2024 16:30

Instrument :

BNA_F

ClientSampleId :

PB159584BS

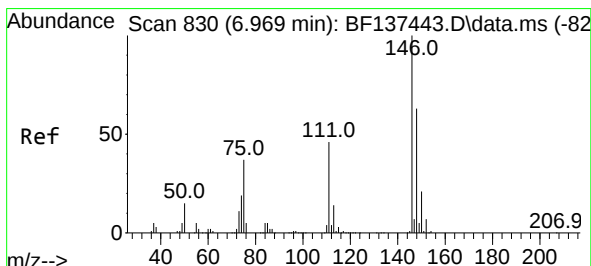
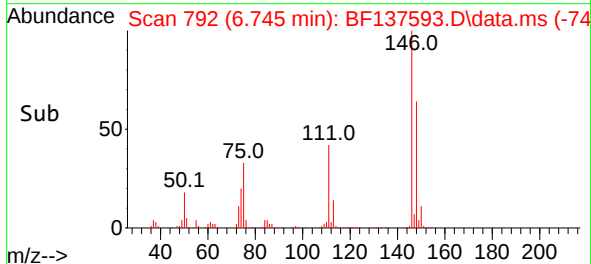
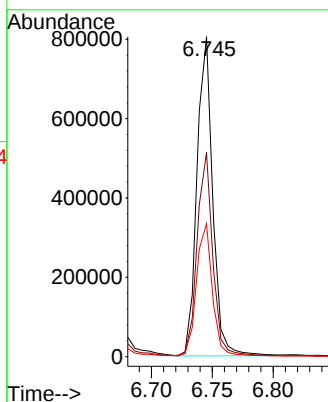
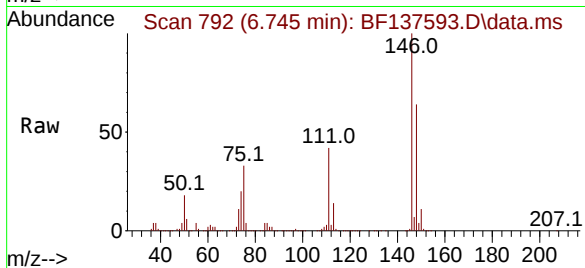
Tgt Ion:146 Resp: 723799

Ion Ratio Lower Upper

146 100

148 63.8 51.2 76.8

111 41.6 32.4 48.6



#14

1,2-Dichlorobenzene

Concen: 46.293 ng

RT: 6.892 min Scan# 817

Delta R.T. -0.006 min

Lab File: BF137593.D

Acq: 14 Mar 2024 16:30

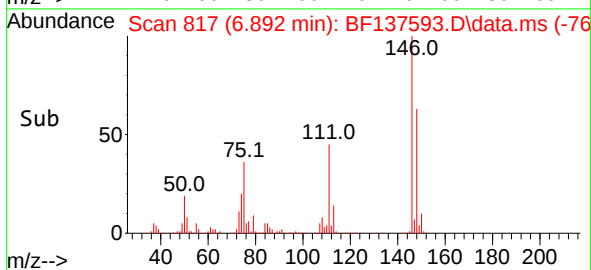
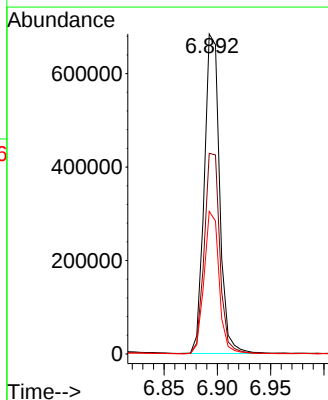
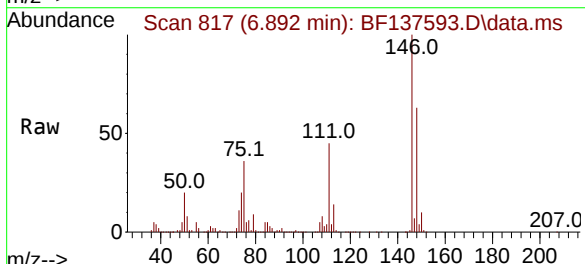
Tgt Ion:146 Resp: 687574

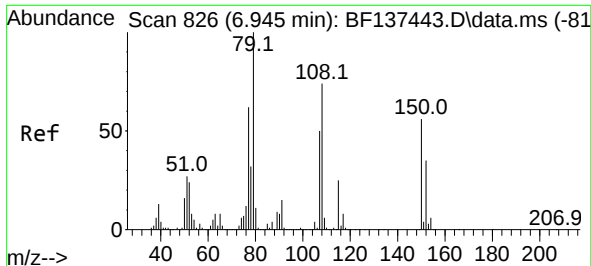
Ion Ratio Lower Upper

146 100

148 62.7 50.0 75.0

111 44.6 36.8 55.2

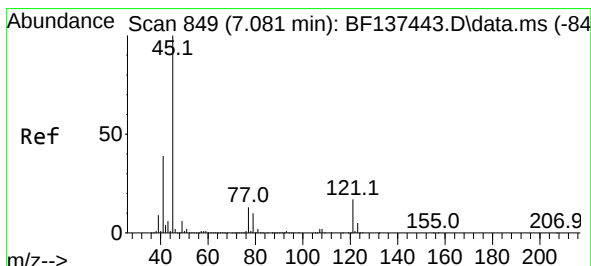
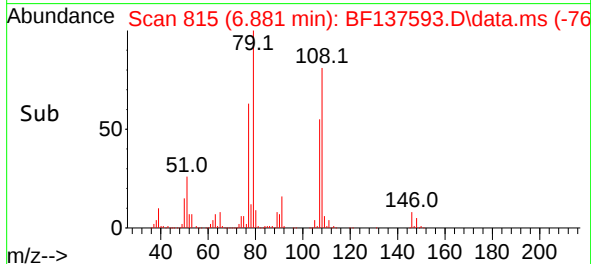
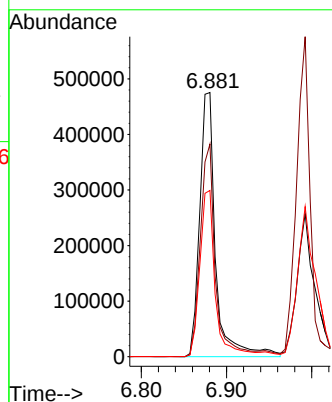
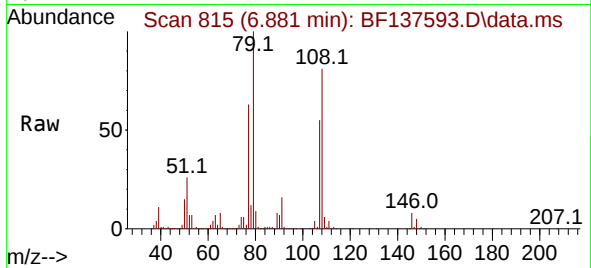




#15
Benzyl Alcohol
Concen: 48.962 ng
RT: 6.881 min Scan# 815
Delta R.T. 0.006 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

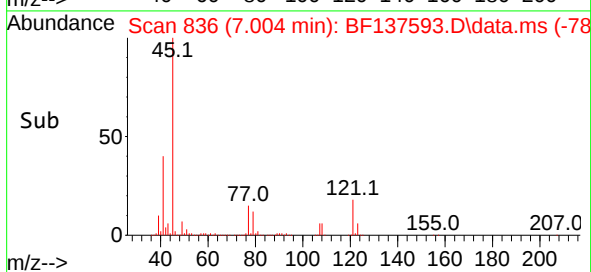
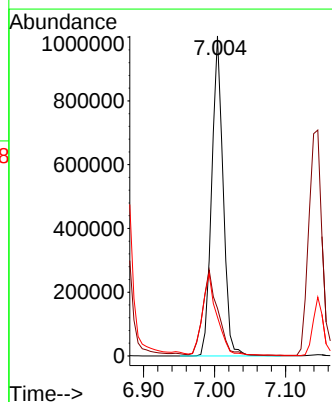
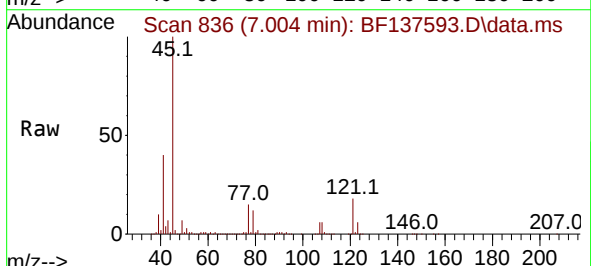
Instrument :
BNA_F
ClientSampleId :
PB159584BS

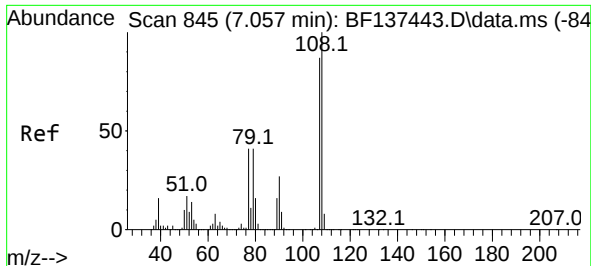
Tgt Ion: 79 Resp: 617413
Ion Ratio Lower Upper
79 100
108 80.5 59.5 89.3
77 63.0 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.960 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.000 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

Tgt Ion: 45 Resp: 1124828
Ion Ratio Lower Upper
45 100
77 14.9 0.0 33.4
79 12.2 0.0 30.9



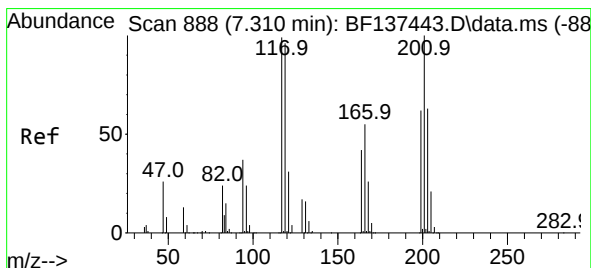
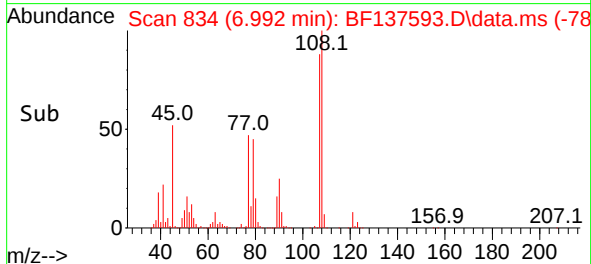
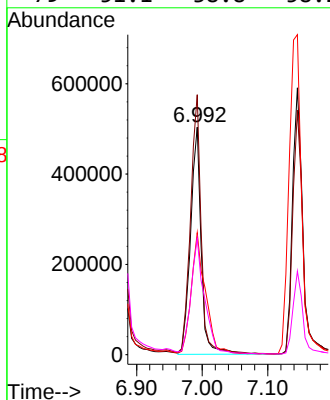
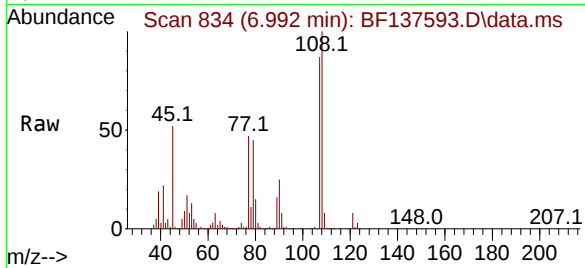


#17
2-Methylphenol
Concen: 41.352 ng
RT: 6.992 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

Instrument :
BNA_F
ClientSampleId :
PB159584BS

Tgt Ion:107 Resp: 572696

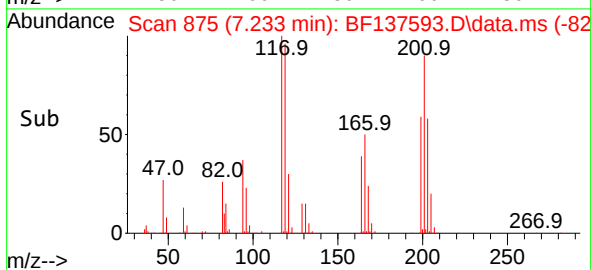
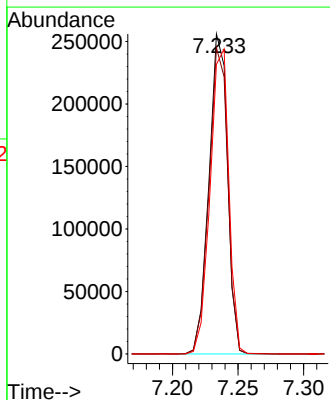
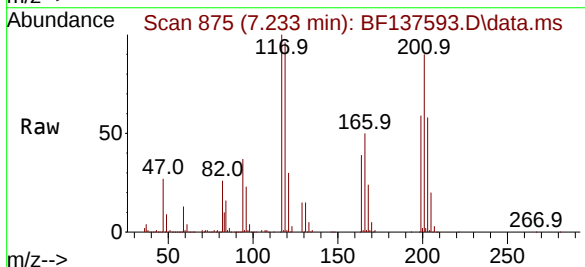
Ion	Ratio	Lower	Upper
107	100		
108	114.3	92.2	138.4
77	53.6	38.6	57.8
79	51.1	38.8	58.2

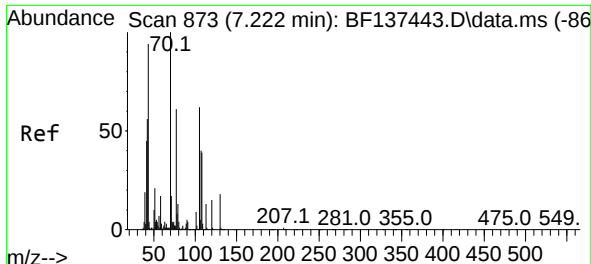


#18
Hexachloroethane
Concen: 47.430 ng
RT: 7.233 min Scan# 875
Delta R.T. -0.000 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

Tgt Ion:117 Resp: 252716

Ion	Ratio	Lower	Upper
117	100		
119	95.7	77.5	116.3
201	90.5	80.6	121.0





#19

n-Nitroso-di-n-propylamine

Concen: 40.387 ng

RT: 7.151 min Scan# 80

Delta R.T. 0.006 min

Lab File: BF137593.D

Acq: 14 Mar 2024 16:30

Instrument :

BNA_F

ClientSampleId :

PB159584BS

Tgt Ion: 70 Resp: 505156

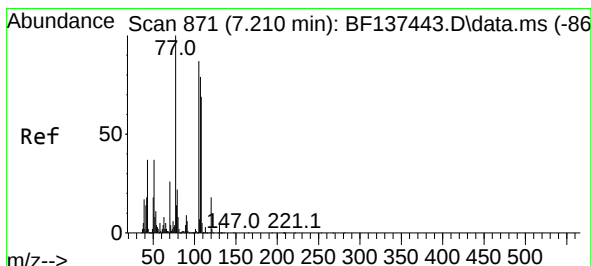
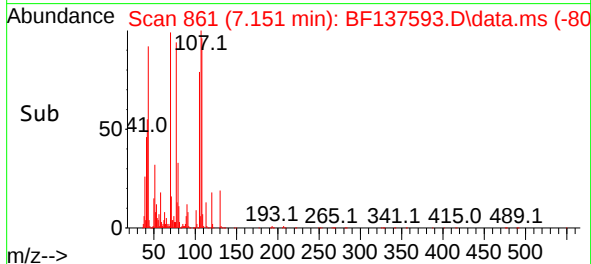
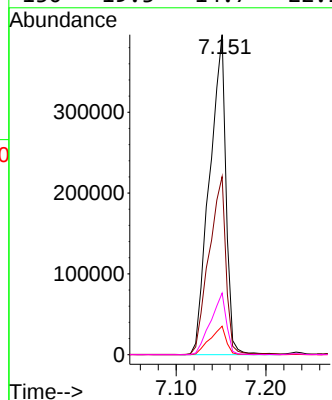
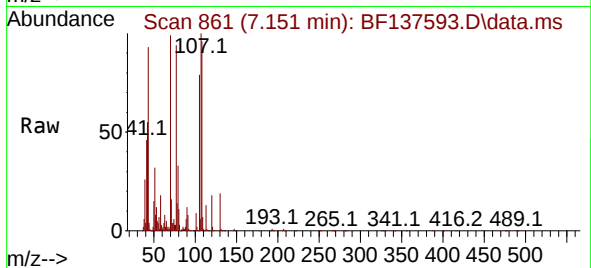
Ion Ratio Lower Upper

70 100

42 55.6 45.2 67.8

101 8.9 7.3 10.9

130 19.3 14.7 22.1



#20

3+4-Methylphenols

Concen: 40.667 ng

RT: 7.145 min Scan# 860

Delta R.T. -0.000 min

Lab File: BF137593.D

Acq: 14 Mar 2024 16:30

Tgt Ion: 107 Resp: 645031

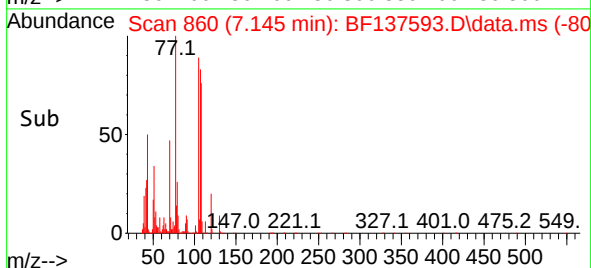
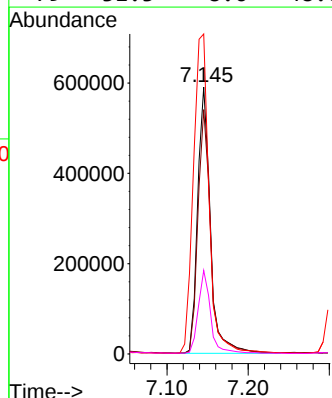
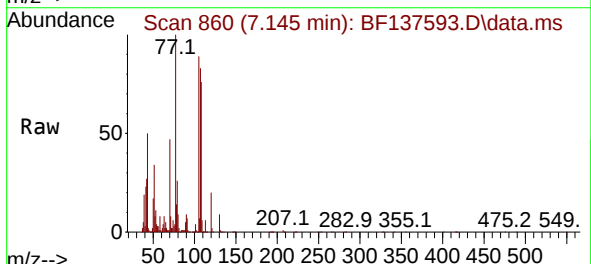
Ion Ratio Lower Upper

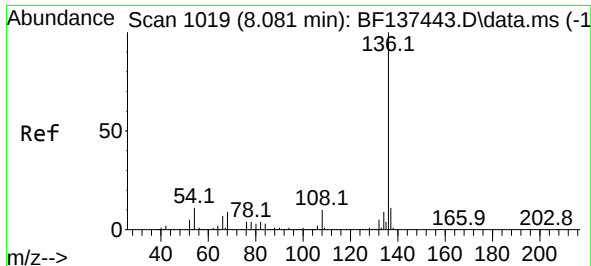
107 100

108 91.6 67.6 107.6

77 119.9 107.1 147.1

79 31.3 8.6 48.6

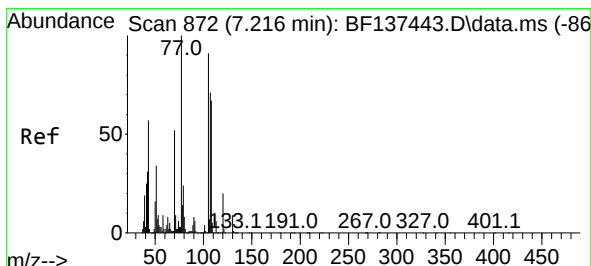
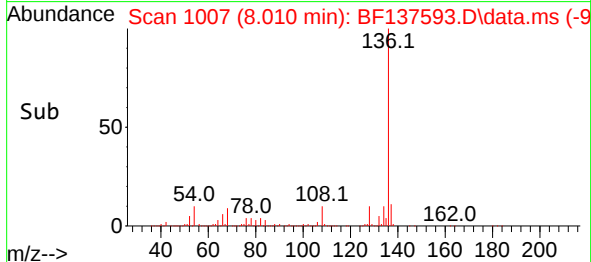
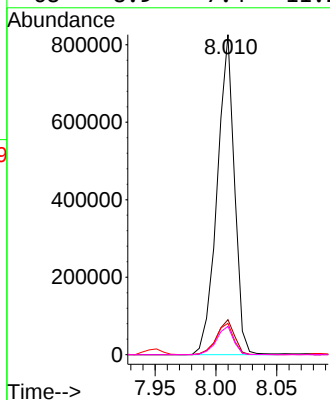
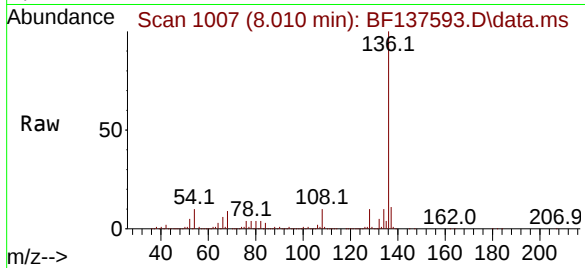




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

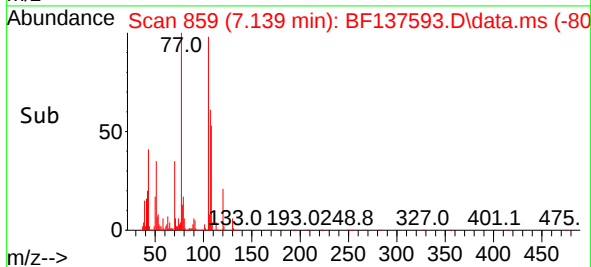
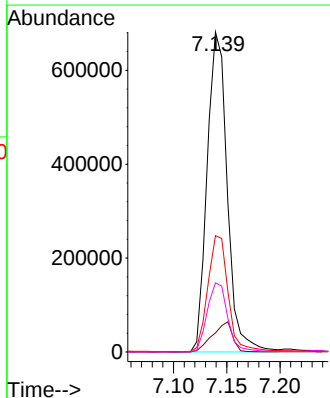
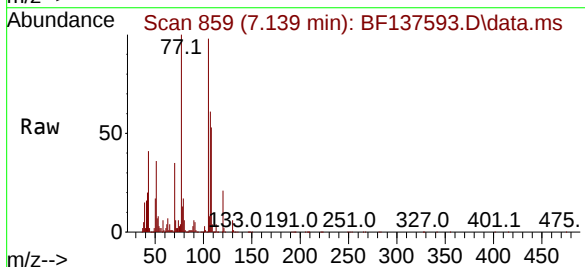
Instrument :
BNA_F
ClientSampleId :
PB159584BS

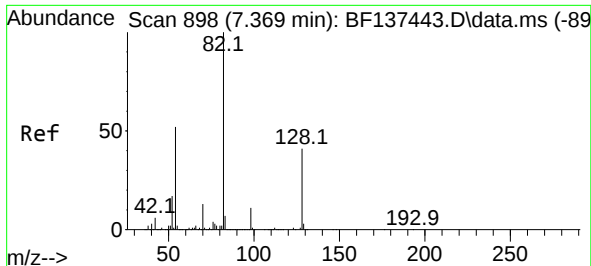
Tgt Ion:136 Resp: 816653
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 9.8 8.5 12.7
68 8.9 7.4 11.2



#22
Acetophenone
Concen: 45.412 ng
RT: 7.139 min Scan# 859
Delta R.T. -0.000 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

Tgt Ion:105 Resp: 897309
Ion Ratio Lower Upper
105 100
71 6.0 7.7 11.5#
51 36.4 30.4 45.6
120 21.6 17.4 26.0





#23

Nitrobenzene-d5

Concen: 84.672 ng

RT: 7.298 min Scan# 886

Delta R.T. -0.000 min

Lab File: BF137593.D

Acq: 14 Mar 2024 16:30

Instrument :

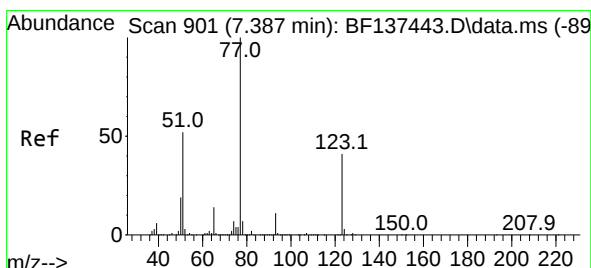
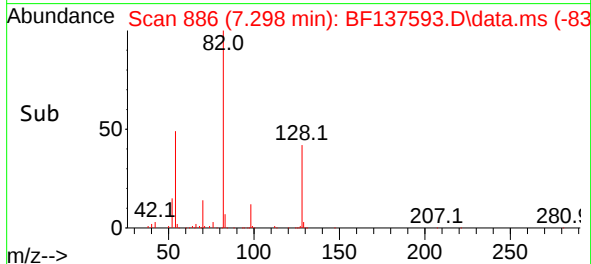
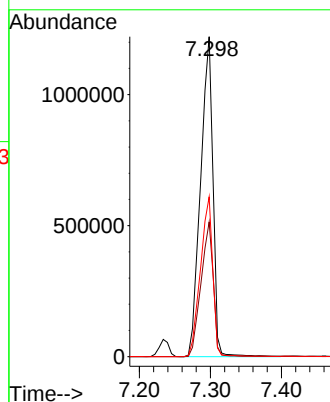
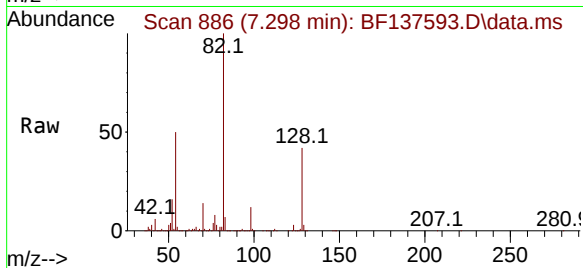
BNA_F

ClientSampleId :

PB159584BS

Tgt Ion: 82 Resp: 1488202

Ion	Ratio	Lower	Upper
82	100		
128	42.1	32.5	48.7
54	49.9	41.5	62.3



#24

Nitrobenzene

Concen: 43.968 ng

RT: 7.316 min Scan# 889

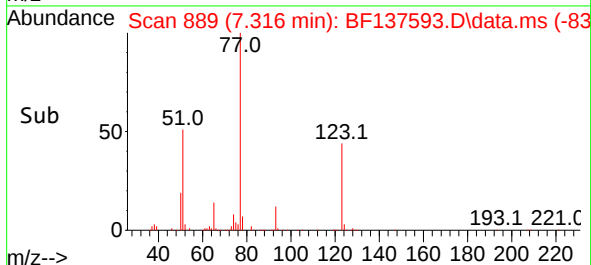
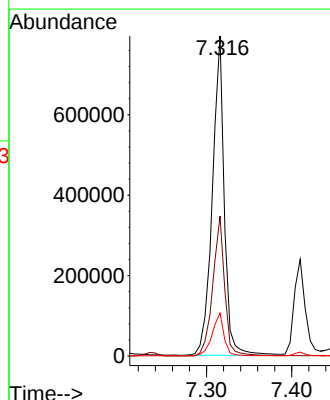
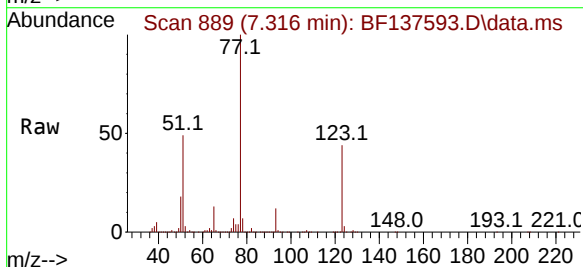
Delta R.T. -0.000 min

Lab File: BF137593.D

Acq: 14 Mar 2024 16:30

Tgt Ion: 77 Resp: 776295

Ion	Ratio	Lower	Upper
77	100		
123	43.7	33.0	49.6
65	13.4	10.9	16.3

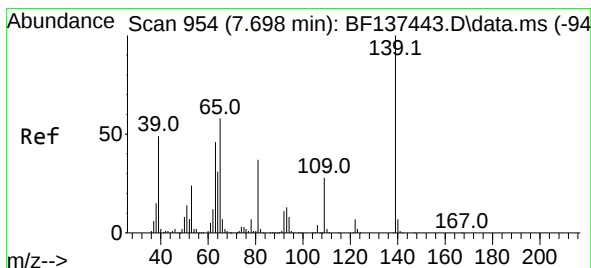
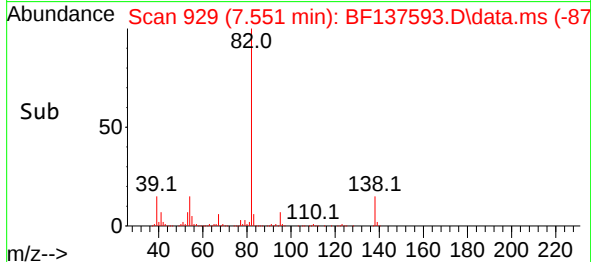
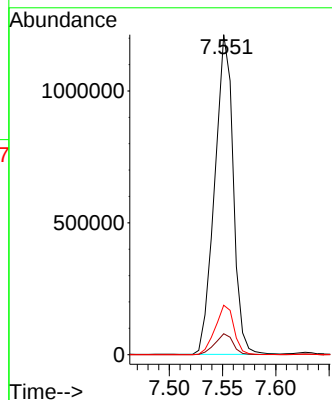
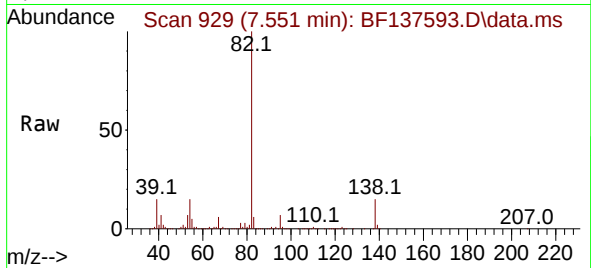




#25
Isophorone
Concen: 43.807 ng
RT: 7.551 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

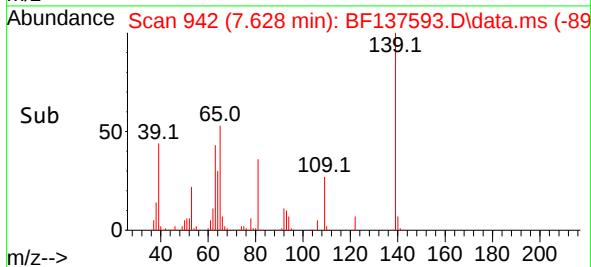
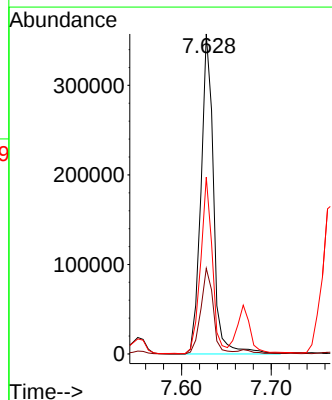
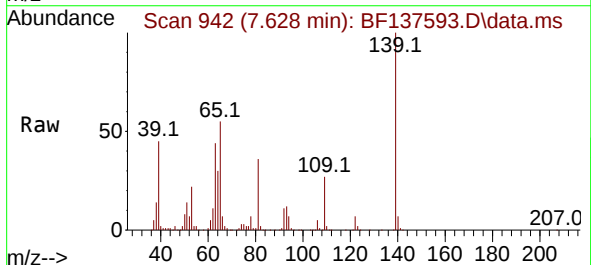
Instrument :
BNA_F
ClientSampleId :
PB159584BS

Tgt Ion: 82 Resp: 1462770
Ion Ratio Lower Upper
82 100
95 6.5 5.1 7.7
138 15.4 11.8 17.8



#26
2-Nitrophenol
Concen: 49.839 ng
RT: 7.628 min Scan# 942
Delta R.T. -0.000 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

Tgt Ion:139 Resp: 349353
Ion Ratio Lower Upper
139 100
109 26.8 22.2 33.4
65 55.3 46.2 69.2





#27

2,4-Dimethylphenol

Concen: 38.796 ng

RT: 7.669 min Scan# 94

Delta R.T. -0.000 min

Lab File: BF137593.D

Acq: 14 Mar 2024 16:30

Instrument :

BNA_F

ClientSampleId :

PB159584BS

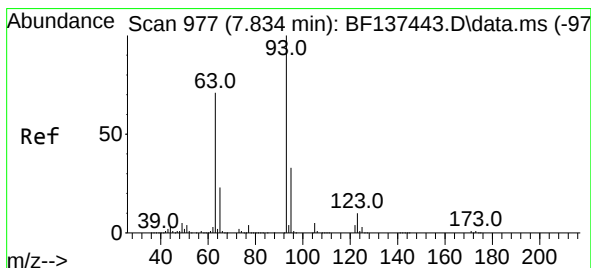
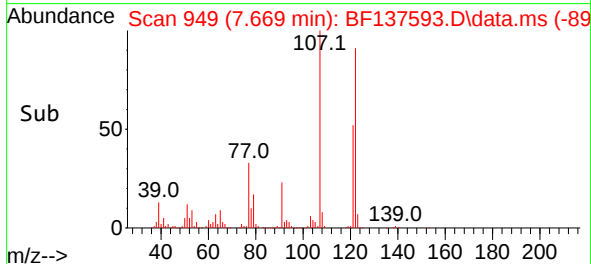
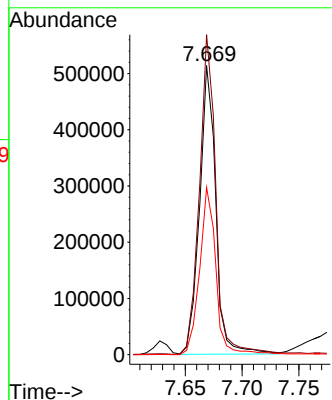
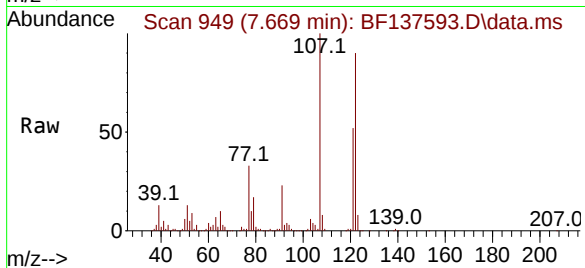
Tgt Ion:122 Resp: 508137

Ion Ratio Lower Upper

122 100

107 110.7 90.9 136.3

121 57.9 47.0 70.6



#28

bis(2-Chloroethoxy)methane

Concen: 44.954 ng

RT: 7.769 min Scan# 966

Delta R.T. 0.006 min

Lab File: BF137593.D

Acq: 14 Mar 2024 16:30

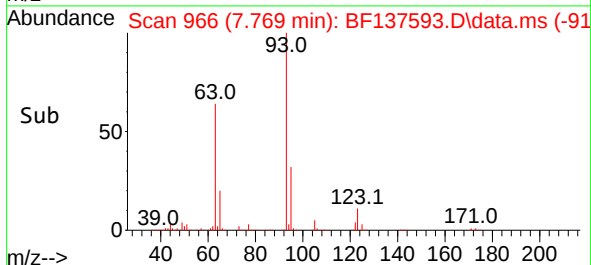
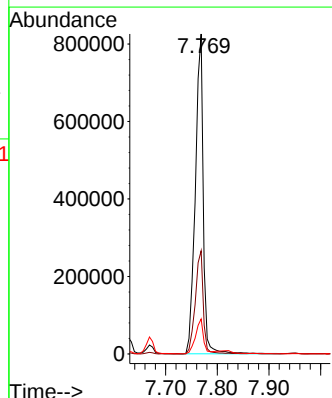
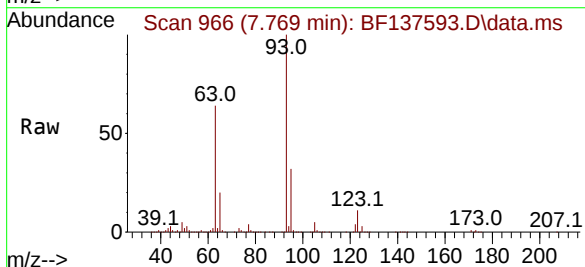
Tgt Ion: 93 Resp: 880728

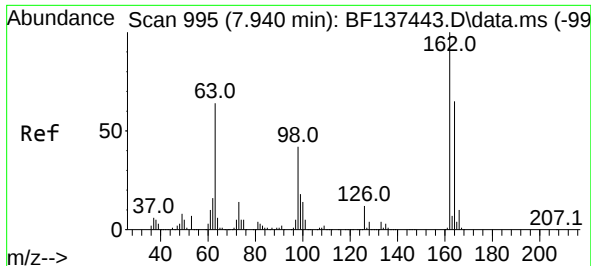
Ion Ratio Lower Upper

93 100

95 32.3 26.5 39.7

123 10.9 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 46.468 ng

RT: 7.869 min Scan# 995

Delta R.T. -0.000 min

Lab File: BF137593.D

Acq: 14 Mar 2024 16:30

Instrument :

BNA_F

ClientSampleId :

PB159584BS

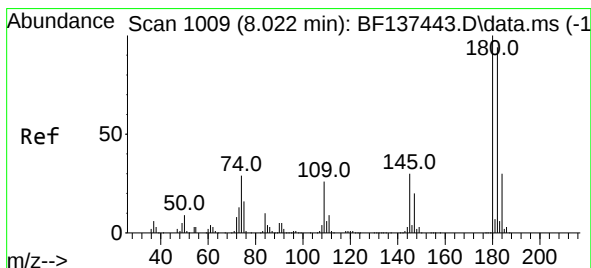
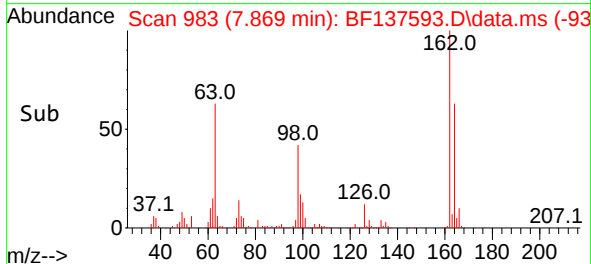
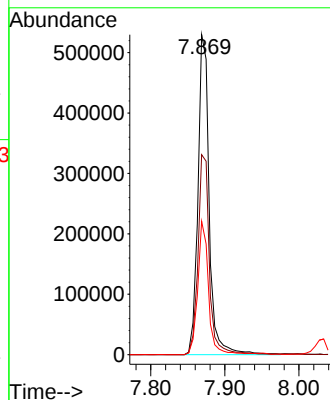
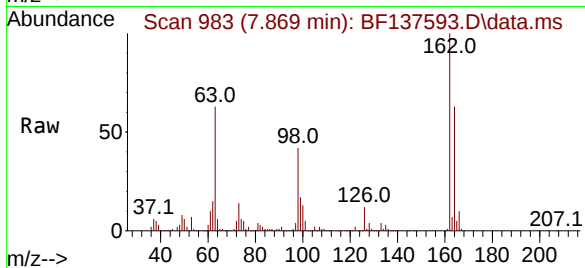
Tgt Ion:162 Resp: 558586

Ion Ratio Lower Upper

162 100

164 62.5 44.7 84.7

98 41.7 22.0 62.0



#30

1,2,4-Trichlorobenzene

Concen: 46.811 ng

RT: 7.951 min Scan# 997

Delta R.T. -0.000 min

Lab File: BF137593.D

Acq: 14 Mar 2024 16:30

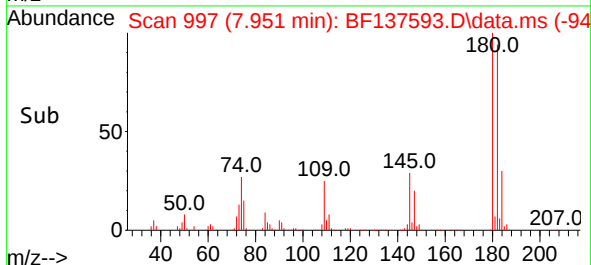
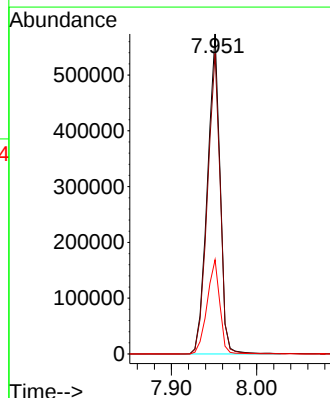
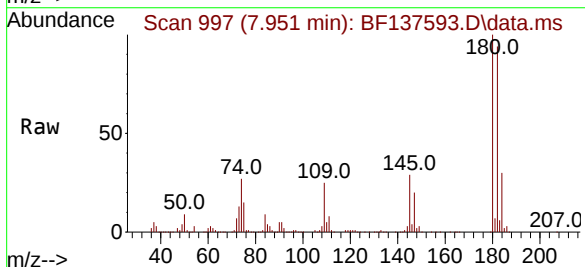
Tgt Ion:180 Resp: 592159

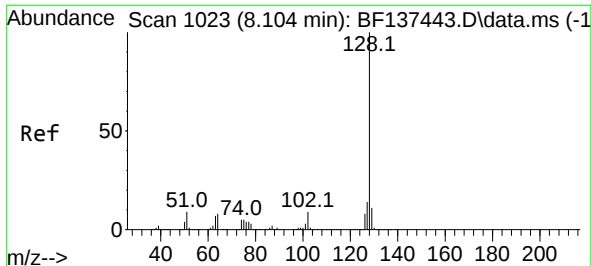
Ion Ratio Lower Upper

180 100

182 94.0 75.0 112.6

145 29.4 23.7 35.5

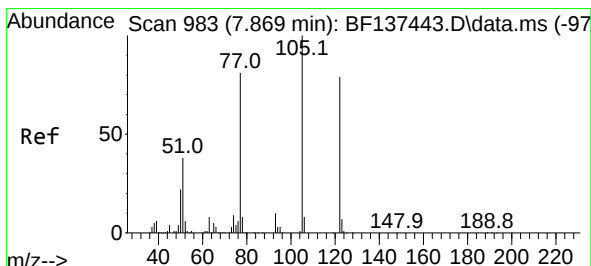
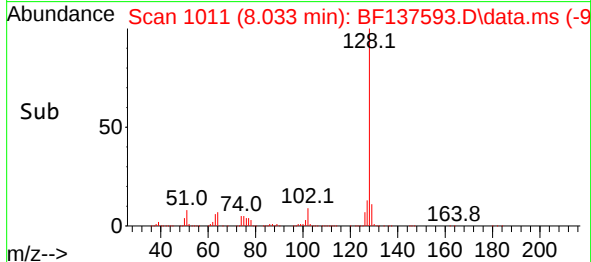
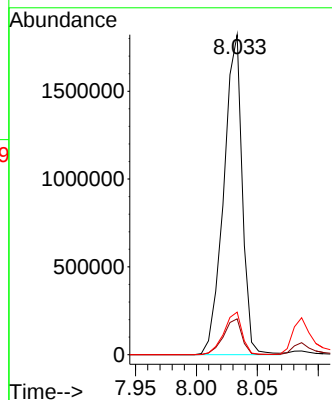
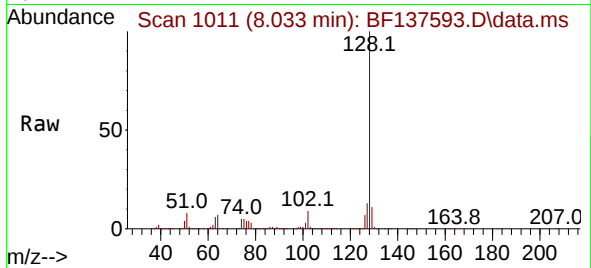




#31
Naphthalene
Concen: 43.958 ng
RT: 8.033 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

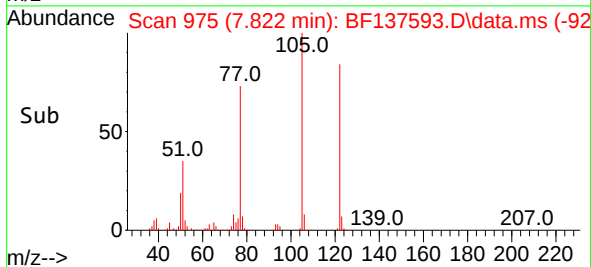
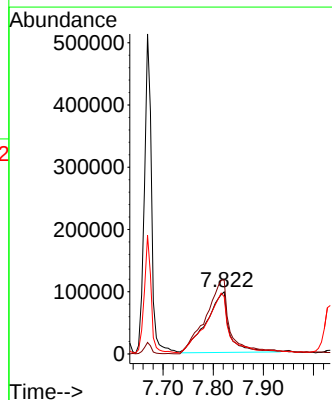
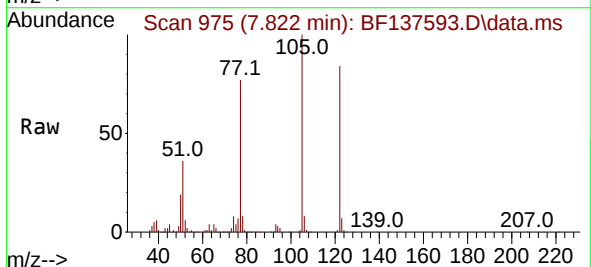
Instrument :
BNA_F
ClientSampleId :
PB159584BS

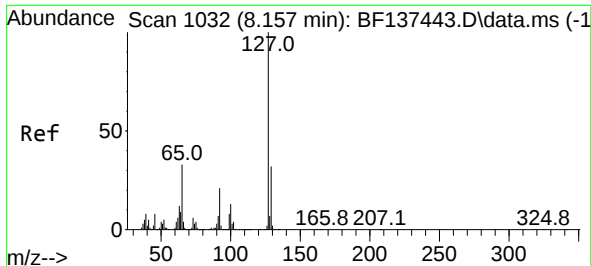
Tgt Ion:128 Resp: 1926077
Ion Ratio Lower Upper
128 100
129 11.2 9.2 13.8
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 42.490 ng
RT: 7.822 min Scan# 975
Delta R.T. 0.023 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

Tgt Ion:122 Resp: 314211
Ion Ratio Lower Upper
122 100
105 119.2 102.4 142.4
77 92.3 81.1 121.1

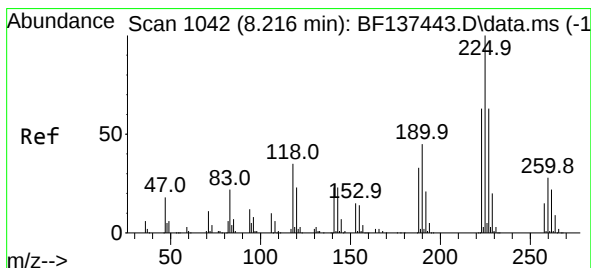
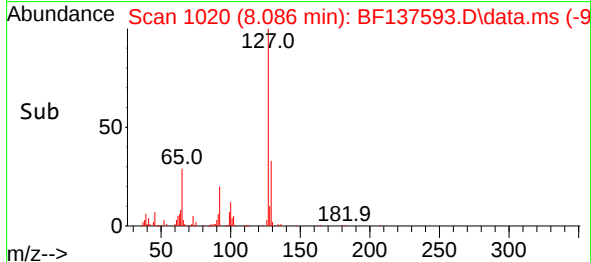
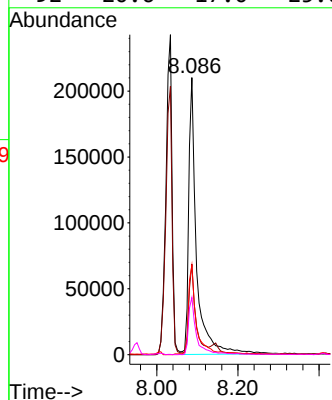
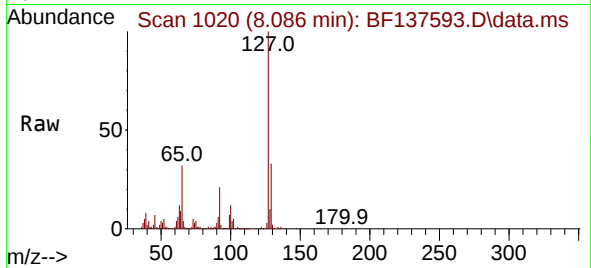




#33
4-Chloroaniline
Concen: 16.518 ng
RT: 8.086 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

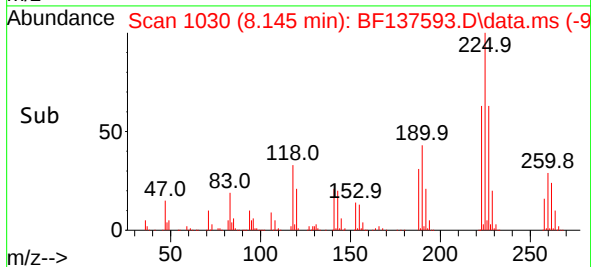
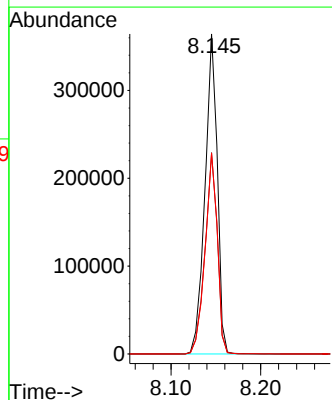
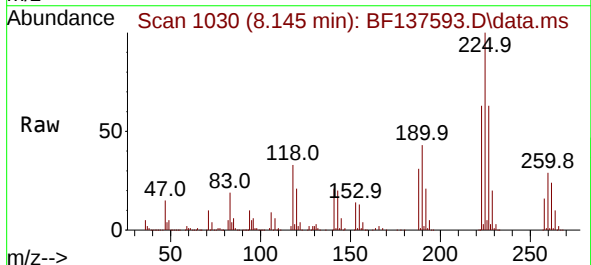
Instrument :
BNA_F
ClientSampleId :
PB159584BS

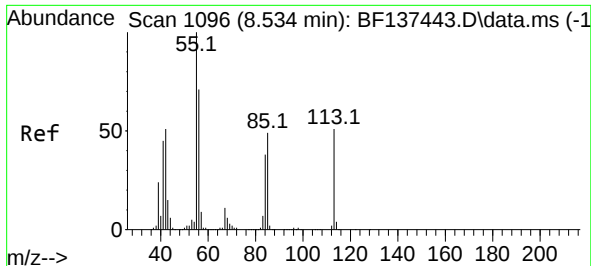
Tgt Ion:127 Resp: 283807
Ion Ratio Lower Upper
127 100
129 32.7 26.0 39.0
65 32.3 26.8 40.2
92 20.6 17.0 25.6



#34
Hexachlorobutadiene
Concen: 46.417 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

Tgt Ion:225 Resp: 346656
Ion Ratio Lower Upper
225 100
223 62.9 50.7 76.1
227 62.7 50.6 75.8

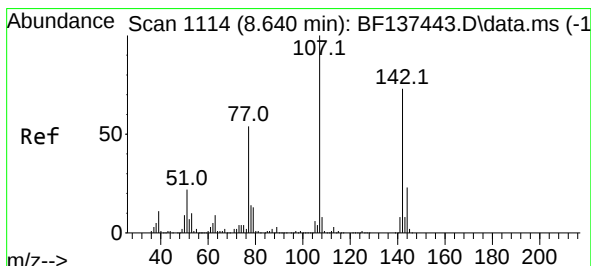
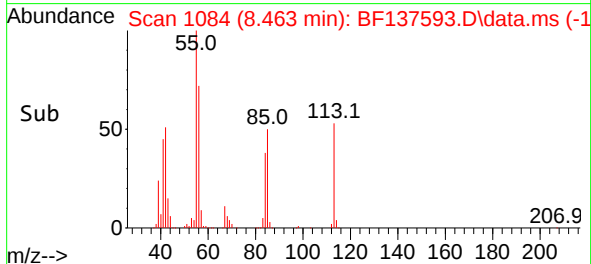
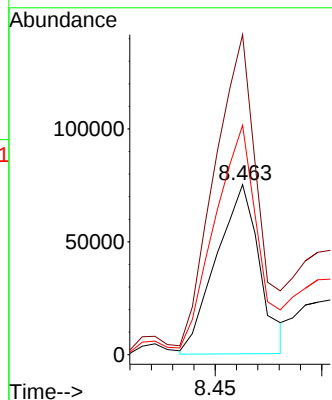
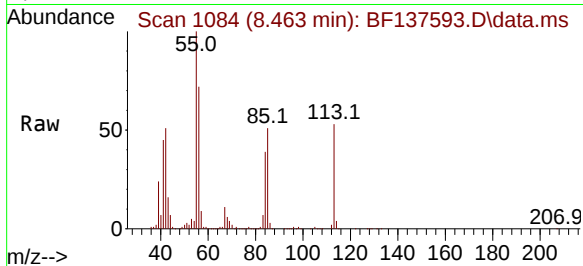




#35
 Caprolactam
 Concen: 25.943 ng
 RT: 8.463 min Scan# 1103
 Delta R.T. 0.006 min
 Lab File: BF137593.D
 Acq: 14 Mar 2024 16:30

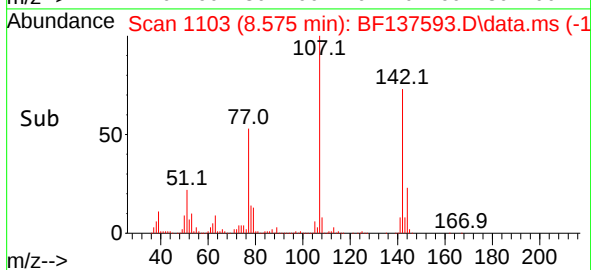
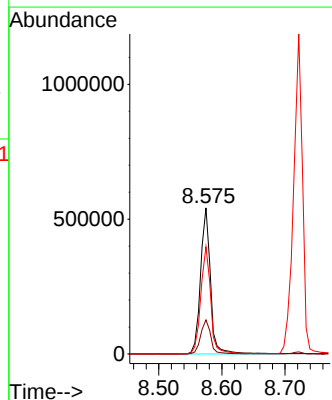
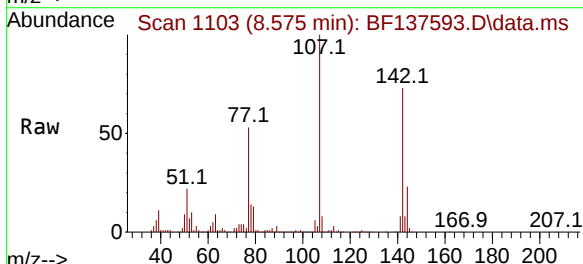
Instrument :
 BNA_F
 ClientSampleId :
 PB159584BS

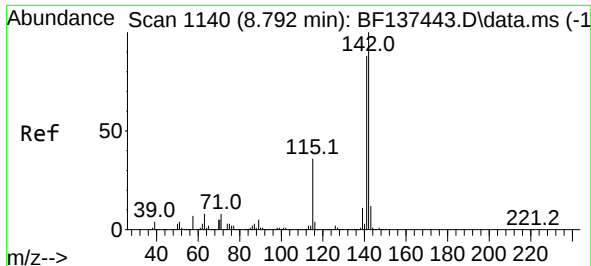
Tgt Ion:113 Resp: 105747
 Ion Ratio Lower Upper
 113 100
 55 188.2 176.7 216.7
 56 134.9 120.6 160.6



#36
 4-Chloro-3-methylphenol
 Concen: 43.993 ng
 RT: 8.575 min Scan# 1103
 Delta R.T. 0.006 min
 Lab File: BF137593.D
 Acq: 14 Mar 2024 16:30

Tgt Ion:107 Resp: 591130
 Ion Ratio Lower Upper
 107 100
 144 23.3 18.7 28.1
 142 73.4 58.2 87.2

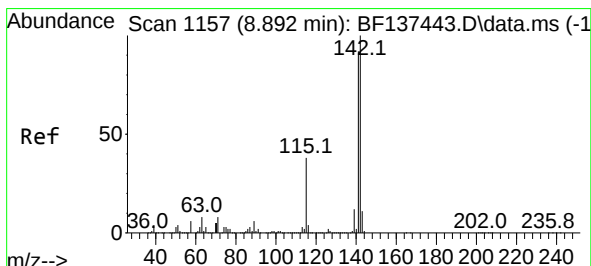
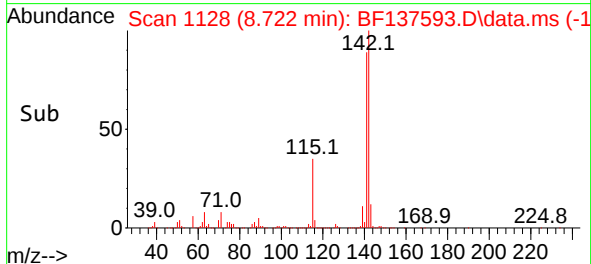
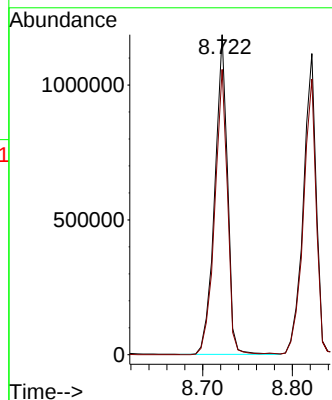
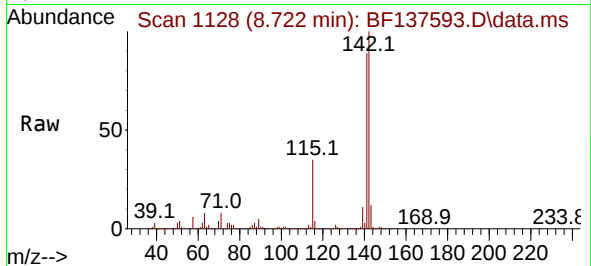




#37
2-Methylnaphthalene
Concen: 41.863 ng
RT: 8.722 min Scan# 1140
Delta R.T. -0.000 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

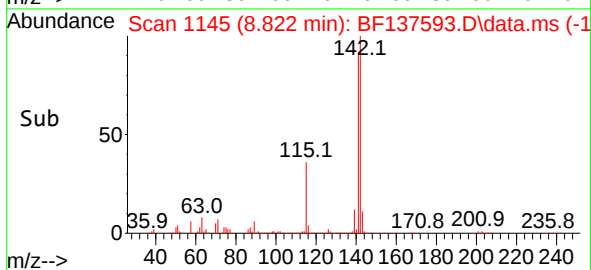
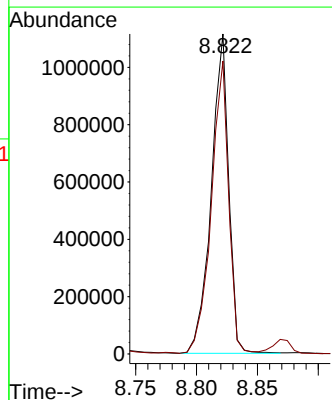
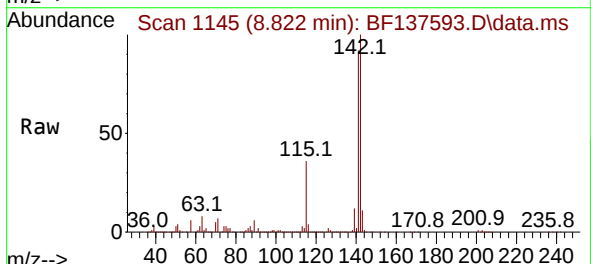
Instrument :
BNA_F
ClientSampleId :
PB159584BS

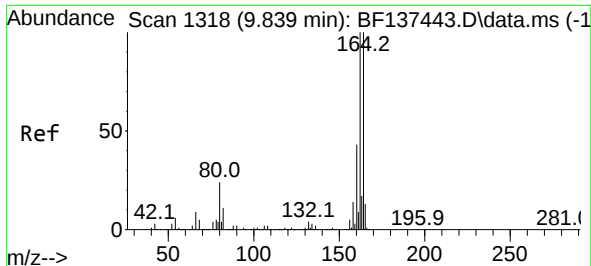
Tgt Ion:142 Resp: 1169333
Ion Ratio Lower Upper
142 100
141 89.2 70.4 105.6



#38
1-Methylnaphthalene
Concen: 42.236 ng
RT: 8.822 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

Tgt Ion:142 Resp: 1111032
Ion Ratio Lower Upper
142 100
141 91.6 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.763 min Scan# 1156

Delta R.T. -0.000 min

Lab File: BF137593.D

Acq: 14 Mar 2024 16:30

Instrument :

BNA_F

ClientSampleId :

PB159584BS

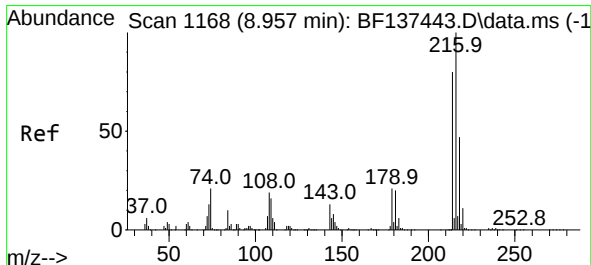
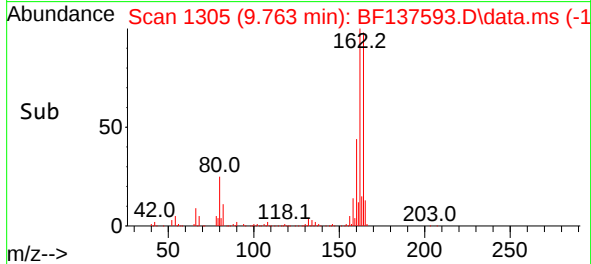
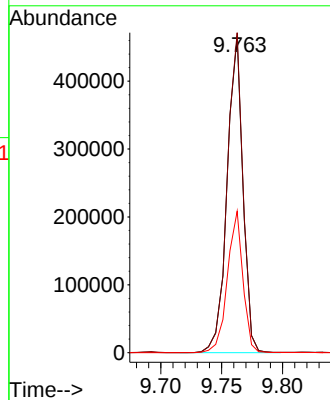
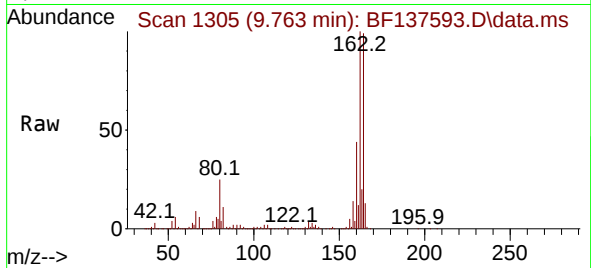
Tgt Ion:164 Resp: 421172

Ion Ratio Lower Upper

164 100

162 101.1 79.8 119.8

160 44.7 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.933 ng

RT: 8.886 min Scan# 1156

Delta R.T. -0.000 min

Lab File: BF137593.D

Acq: 14 Mar 2024 16:30

Tgt Ion:216 Resp: 575356

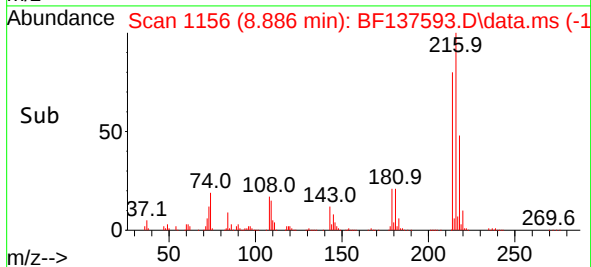
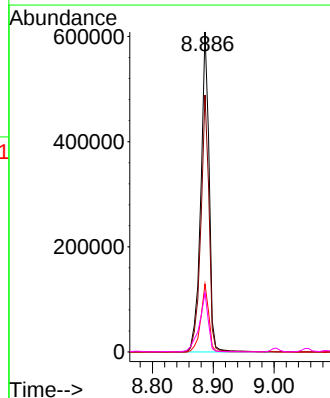
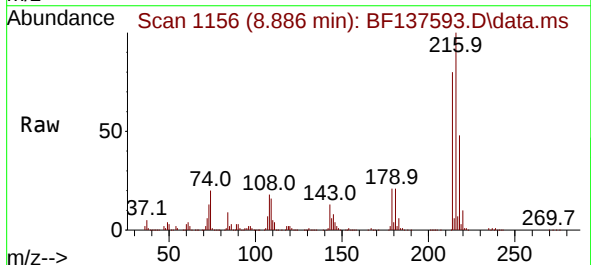
Ion Ratio Lower Upper

216 100

214 79.3 63.5 95.3

179 20.5 16.6 25.0

108 20.0 15.5 23.3

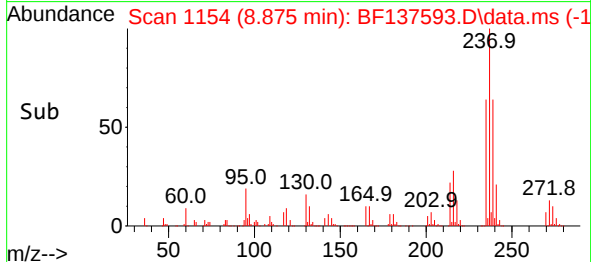
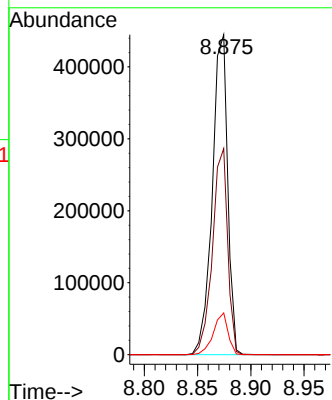
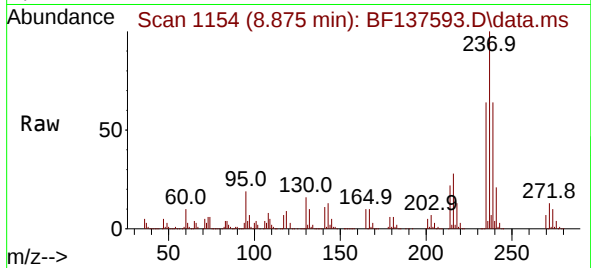




#41
Hexachlorocyclopentadiene
Concen: 92.107 ng
RT: 8.875 min Scan# 1166
Delta R.T. 0.006 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

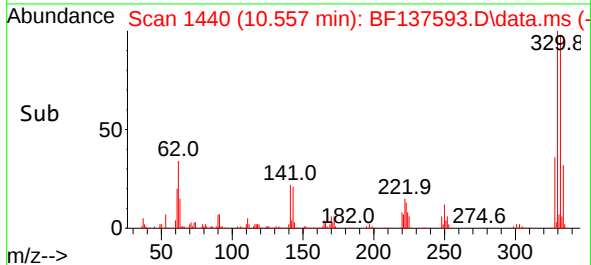
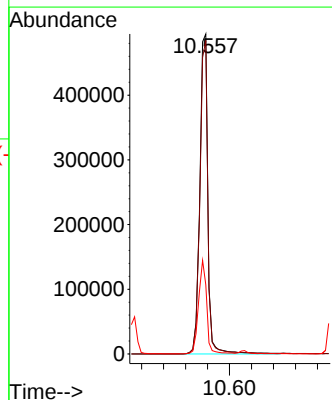
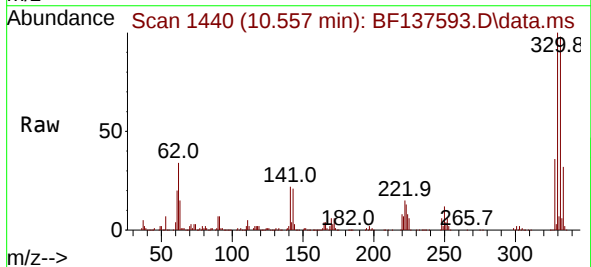
Instrument :
BNA_F
ClientSampleId :
PB159584BS

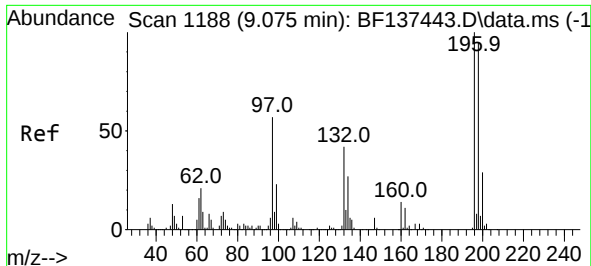
Tgt Ion:237 Resp: 448639
Ion Ratio Lower Upper
237 100
235 64.4 43.6 83.6
272 13.1 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 136.560 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

Tgt Ion:330 Resp: 505084
Ion Ratio Lower Upper
330 100
332 96.3 78.0 117.0
141 29.2 27.3 40.9

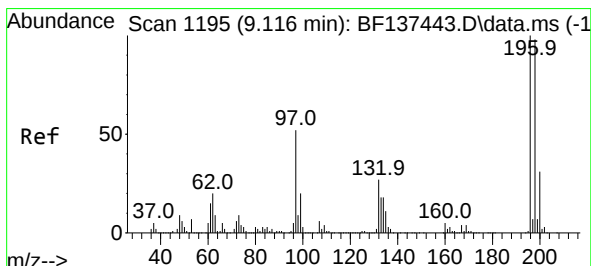
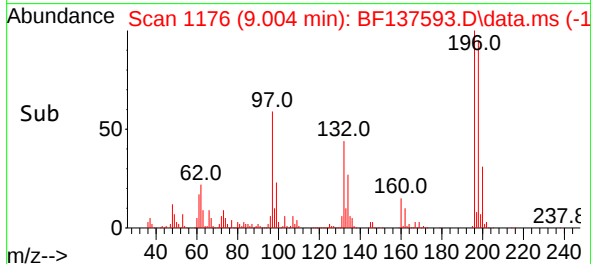
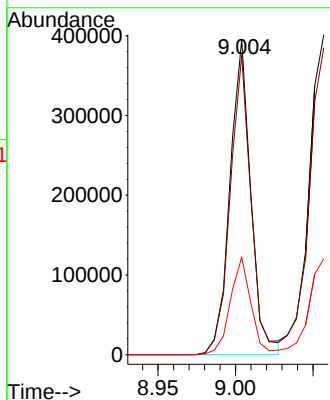
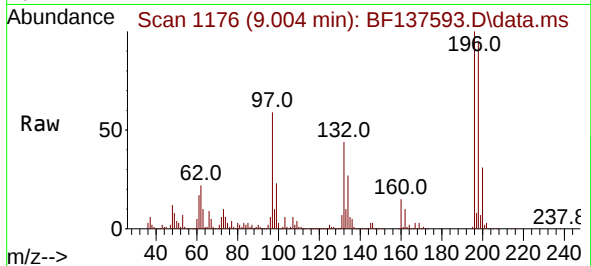




#43
2,4,6-Trichlorophenol
Concen: 48.400 ng
RT: 9.004 min Scan# 1176
Delta R.T. 0.006 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

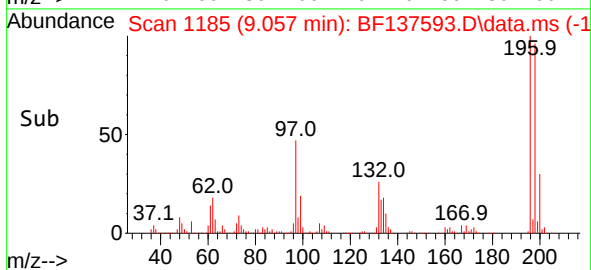
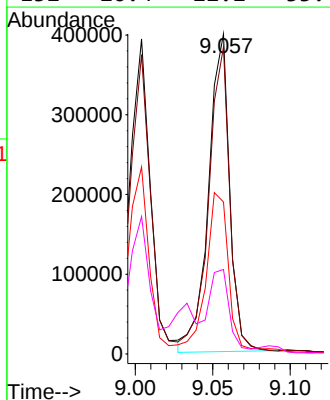
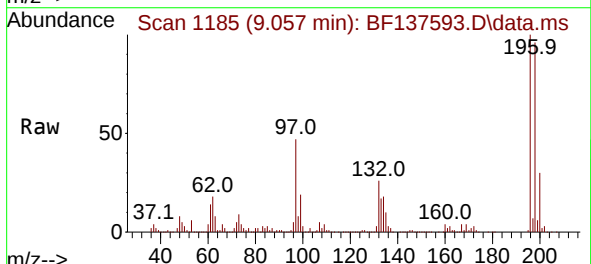
Instrument :
BNA_F
ClientSampleId :
PB159584BS

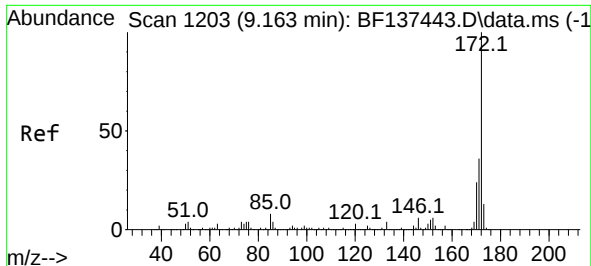
Tgt Ion:196 Resp: 370592
Ion Ratio Lower Upper
196 100
198 94.9 75.8 113.8
200 30.9 23.5 35.3



#44
2,4,5-Trichlorophenol
Concen: 42.780 ng
RT: 9.057 min Scan# 1185
Delta R.T. 0.017 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

Tgt Ion:196 Resp: 377332
Ion Ratio Lower Upper
196 100
198 96.0 78.6 117.8
97 47.5 41.8 62.8
132 26.4 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 86.518 ng

RT: 9.086 min Scan# 1190

Delta R.T. -0.000 min

Lab File: BF137593.D

Acq: 14 Mar 2024 16:30

Instrument :

BNA_F

ClientSampleId :

PB159584BS

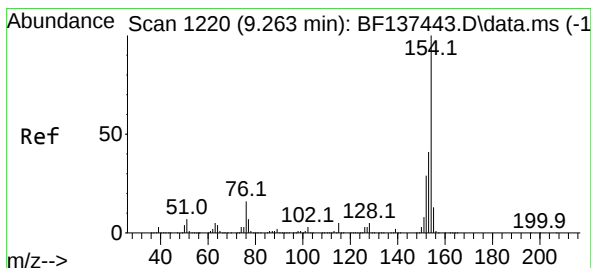
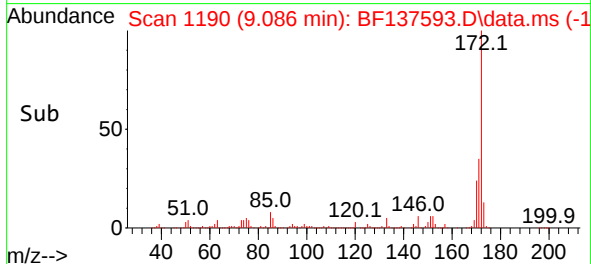
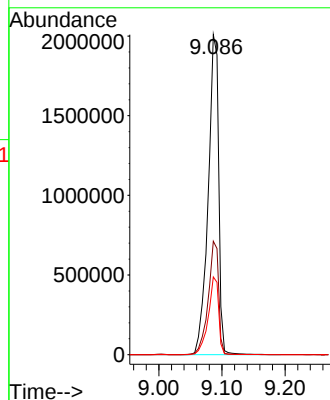
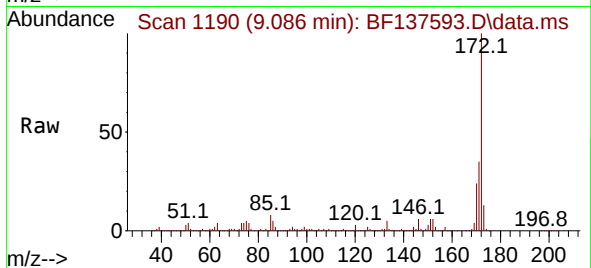
Tgt Ion:172 Resp: 2327835

Ion Ratio Lower Upper

172 100

171 35.5 28.5 42.7

170 24.3 19.0 28.6



#46

1,1'-Biphenyl

Concen: 46.422 ng

RT: 9.186 min Scan# 1207

Delta R.T. -0.000 min

Lab File: BF137593.D

Acq: 14 Mar 2024 16:30

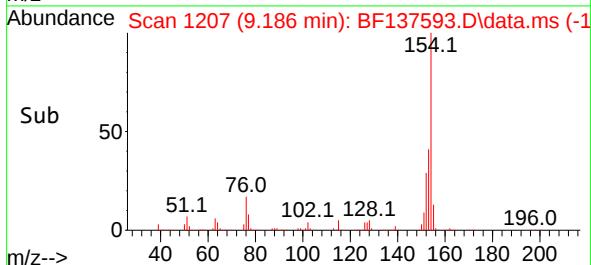
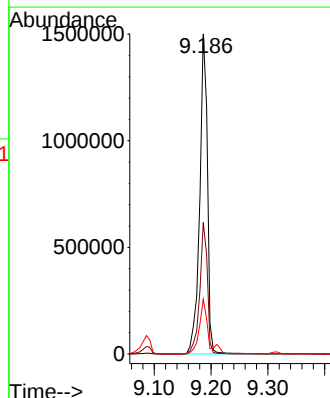
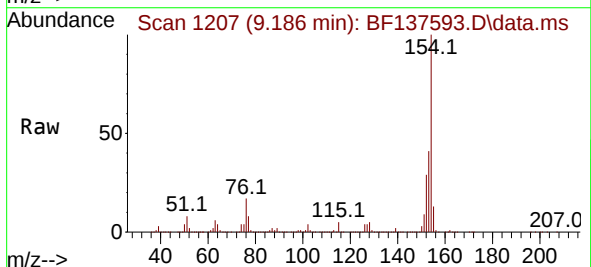
Tgt Ion:154 Resp: 1431022

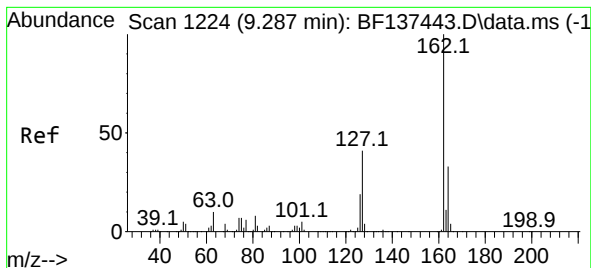
Ion Ratio Lower Upper

154 100

153 41.1 21.0 61.0

76 17.1 0.0 35.8





#47

2-Chloronaphthalene

Concen: 47.753 ng

RT: 9.210 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF137593.D

Acq: 14 Mar 2024 16:30

Instrument :

BNA_F

ClientSampleId :

PB159584BS

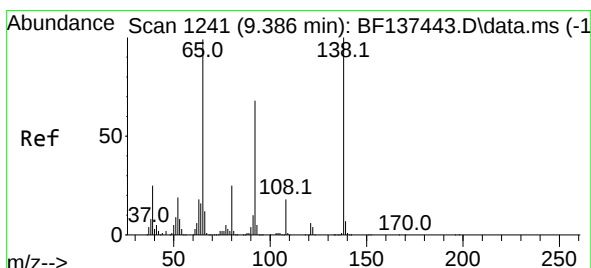
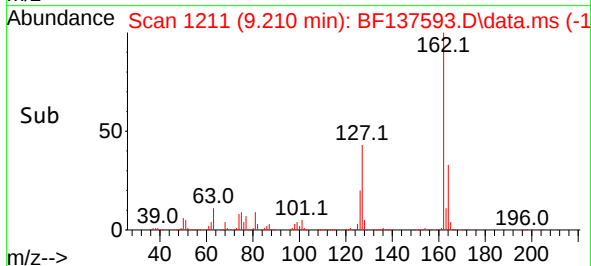
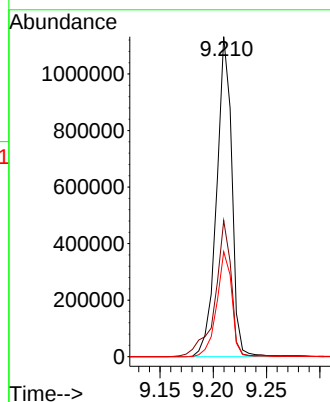
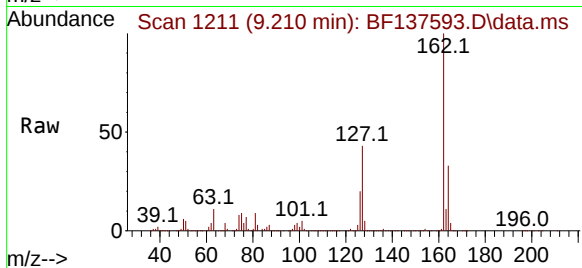
Tgt Ion:162 Resp: 1122318

Ion Ratio Lower Upper

162 100

127 42.6 32.6 49.0

164 32.8 26.5 39.7



#48

2-Nitroaniline

Concen: 48.206 ng

RT: 9.316 min Scan# 1229

Delta R.T. 0.006 min

Lab File: BF137593.D

Acq: 14 Mar 2024 16:30

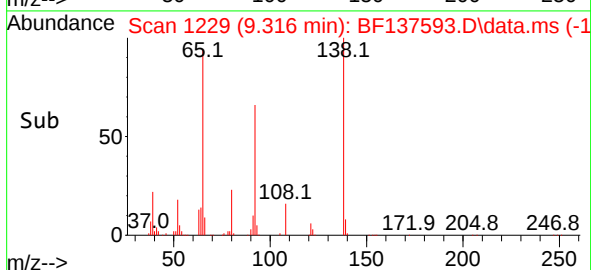
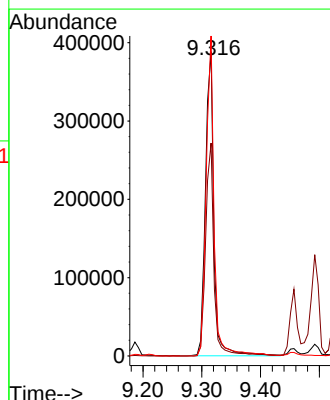
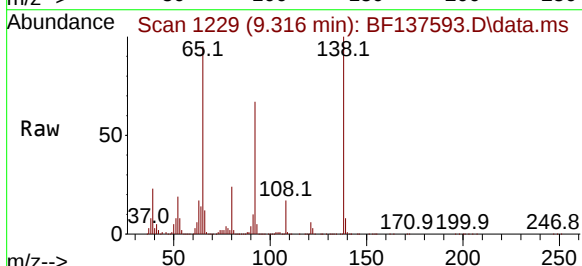
Tgt Ion: 65 Resp: 385078

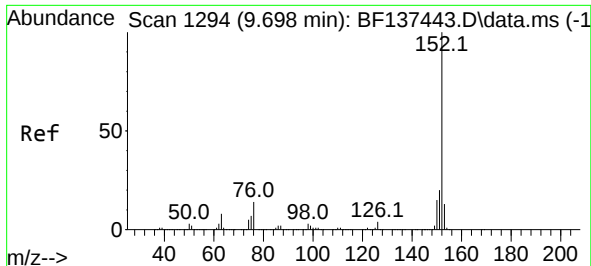
Ion Ratio Lower Upper

65 100

92 70.0 55.4 83.2

138 105.1 81.0 121.6





#49

Acenaphthylene

Concen: 46.641 ng

RT: 9.627 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF137593.D

Acq: 14 Mar 2024 16:30

Instrument :

BNA_F

ClientSampleId :

PB159584BS

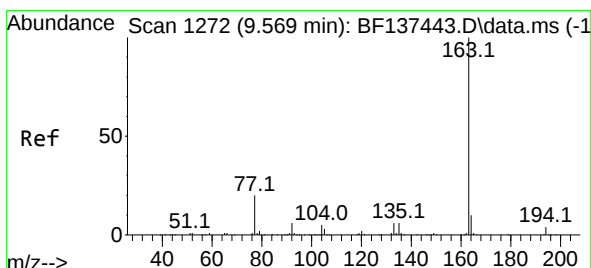
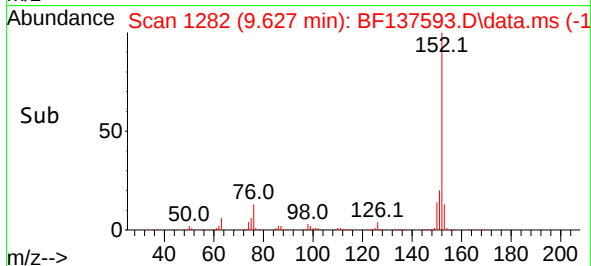
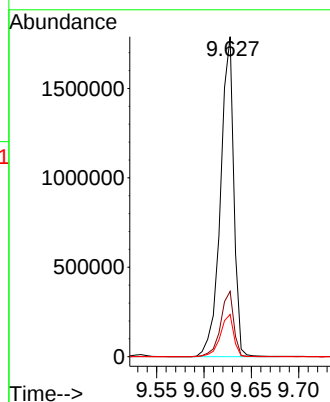
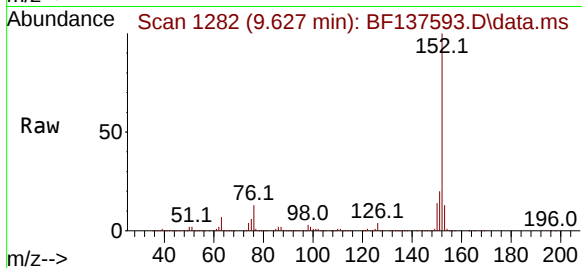
Tgt Ion:152 Resp: 1754233

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4

153 13.2 10.8 16.2



#50

Dimethylphthalate

Concen: 44.439 ng

RT: 9.492 min Scan# 1259

Delta R.T. -0.000 min

Lab File: BF137593.D

Acq: 14 Mar 2024 16:30

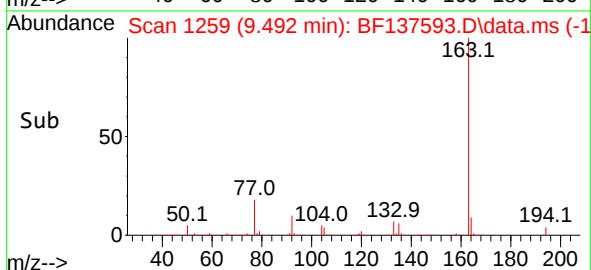
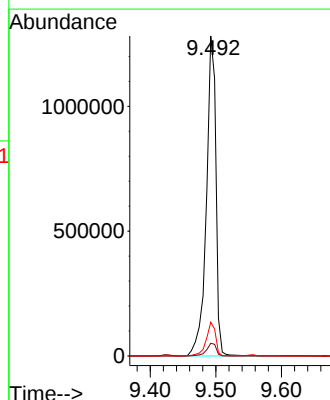
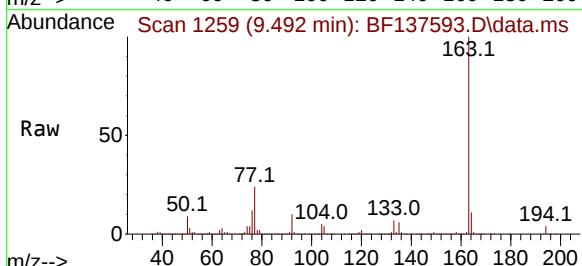
Tgt Ion:163 Resp: 1302874

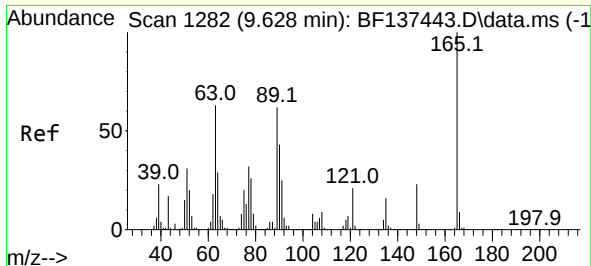
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.6 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 46.741 ng

RT: 9.557 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137593.D

Acq: 14 Mar 2024 16:30

Instrument :

BNA_F

ClientSampleId :

PB159584BS

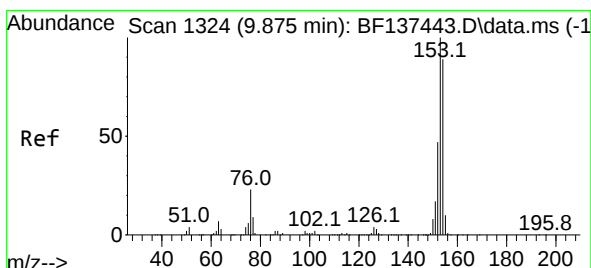
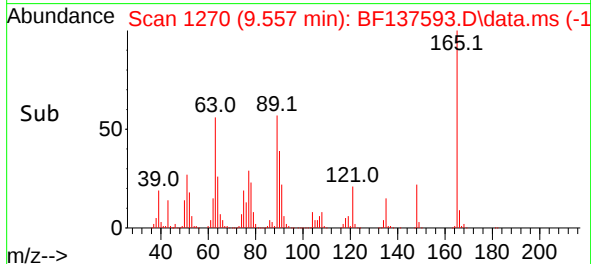
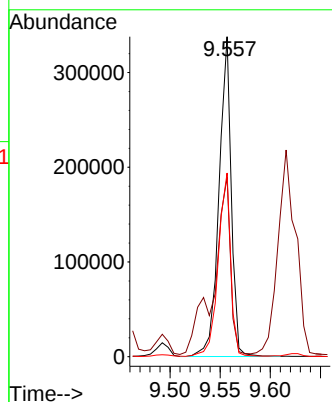
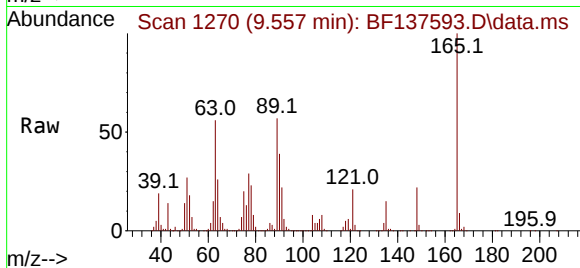
Tgt Ion:165 Resp: 286627

Ion Ratio Lower Upper

165 100

63 56.0 50.7 76.1

89 57.4 50.0 75.0



#52

Acenaphthene

Concen: 43.850 ng

RT: 9.798 min Scan# 1311

Delta R.T. 0.006 min

Lab File: BF137593.D

Acq: 14 Mar 2024 16:30

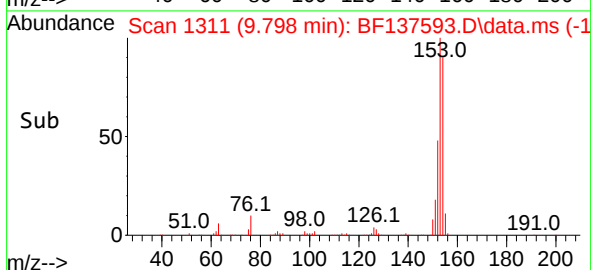
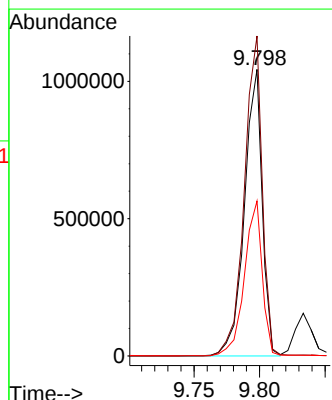
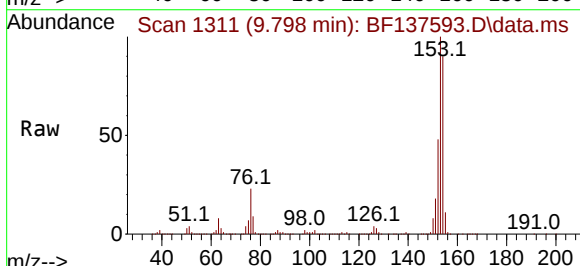
Tgt Ion:154 Resp: 984630

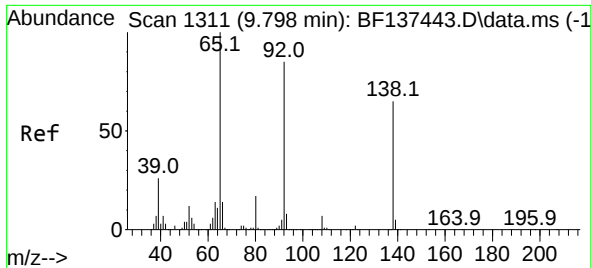
Ion Ratio Lower Upper

154 100

153 111.7 90.3 135.5

152 54.1 42.7 64.1

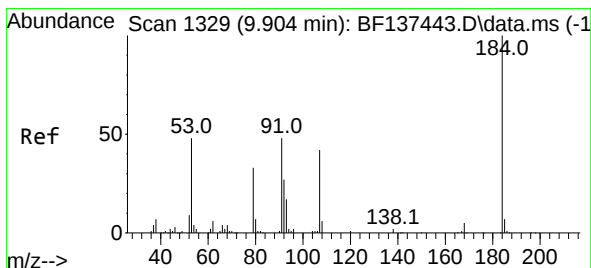
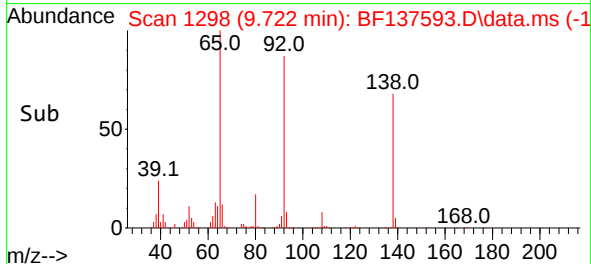
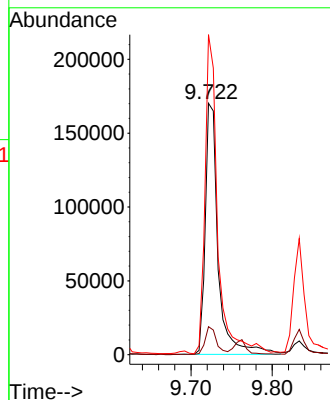
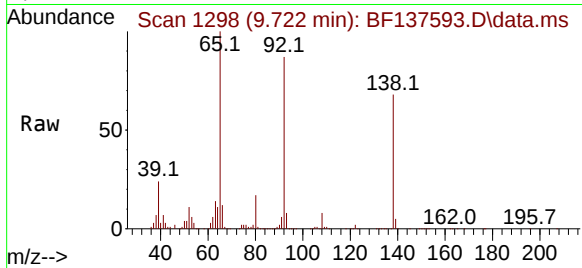




#53
3-Nitroaniline
Concen: 28.967 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

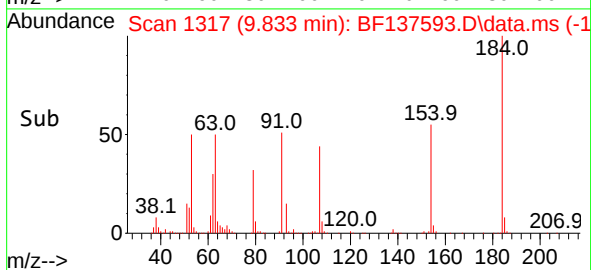
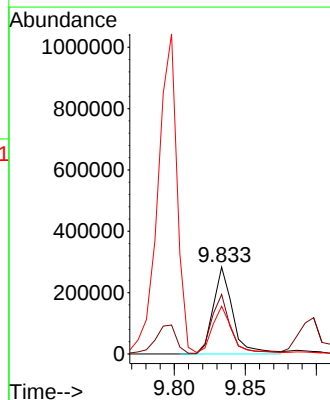
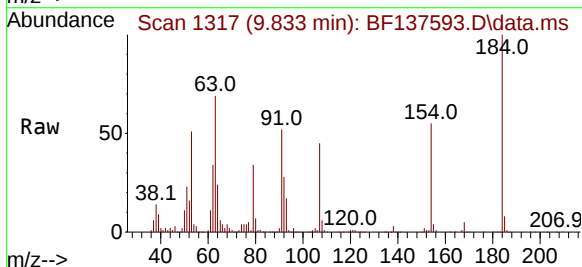
Instrument :
BNA_F
ClientSampleId :
PB159584BS

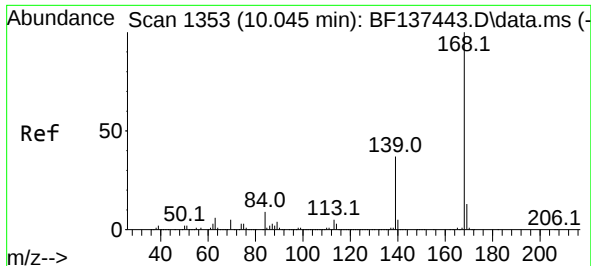
Tgt Ion:138 Resp: 187889
Ion Ratio Lower Upper
138 100
108 11.2 9.1 13.7
92 127.3 104.6 157.0



#54
2,4-Dinitrophenol
Concen: 89.253 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

Tgt Ion:184 Resp: 270128
Ion Ratio Lower Upper
184 100
63 68.6 53.3 79.9
154 54.9 47.4 71.0

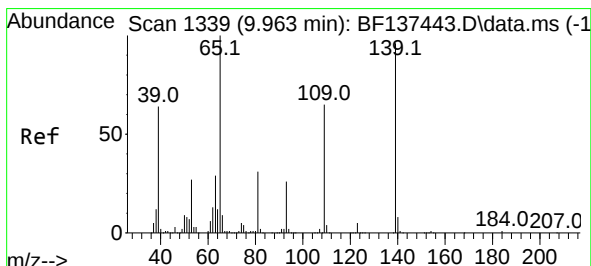
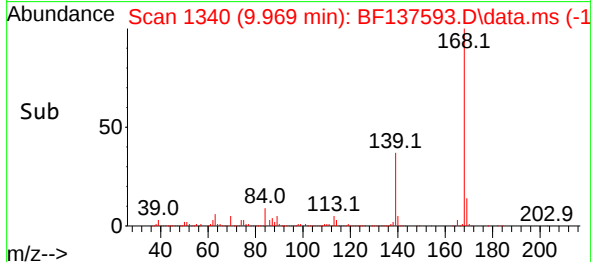
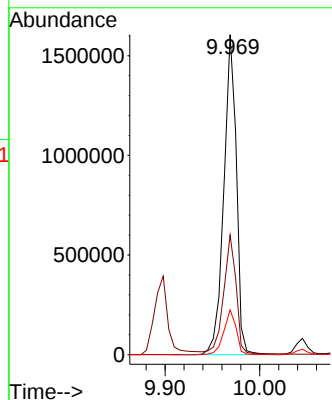
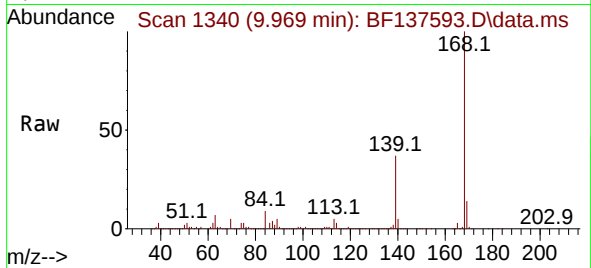




#55
Dibenzenofuran
Concen: 43.482 ng
RT: 9.969 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

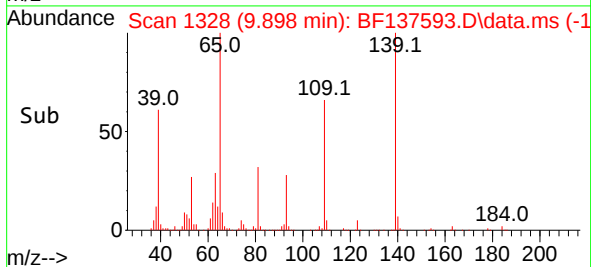
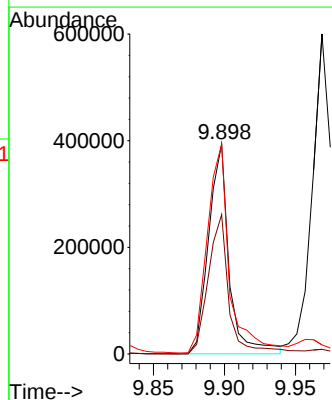
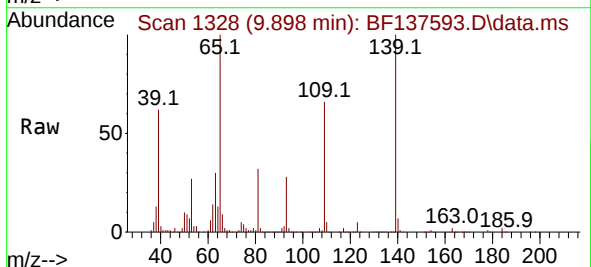
Instrument :
BNA_F
ClientSampleId :
PB159584BS

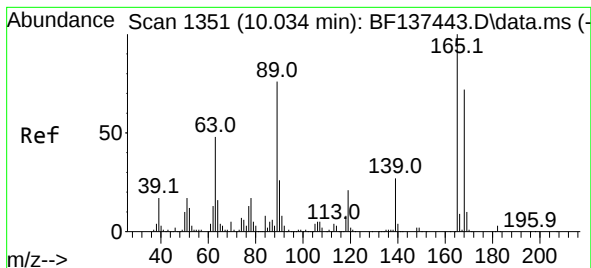
Tgt Ion:168 Resp: 1487094
Ion Ratio Lower Upper
168 100
139 37.4 29.8 44.6
169 14.0 10.8 16.2



#56
4-Nitrophenol
Concen: 85.810 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.012 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

Tgt Ion:139 Resp: 397595
Ion Ratio Lower Upper
139 100
109 66.3 47.1 87.1
65 99.8 85.1 125.1

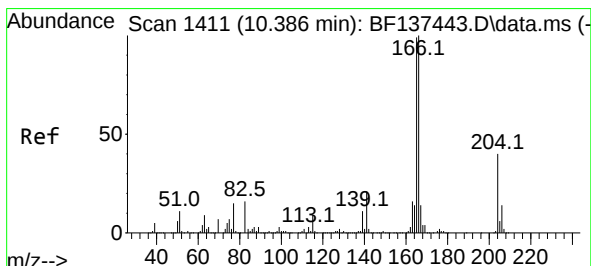
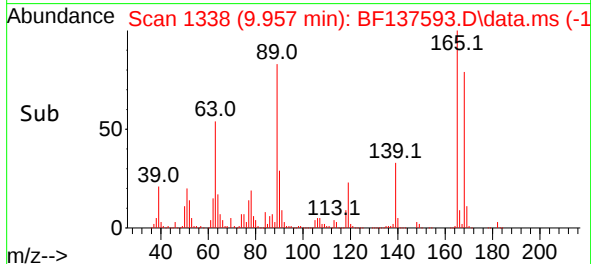
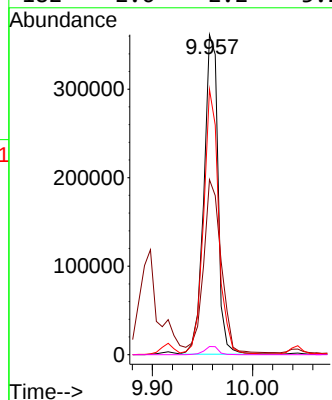
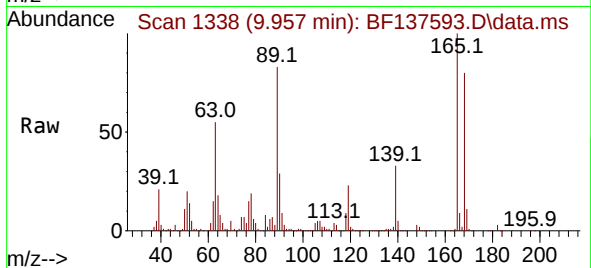




#57
2,4-Dinitrotoluene
Concen: 47.188 ng
RT: 9.957 min Scan# 1351
Delta R.T. -0.000 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

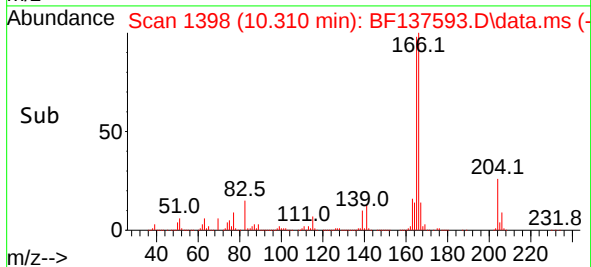
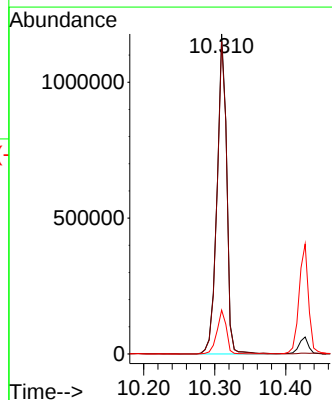
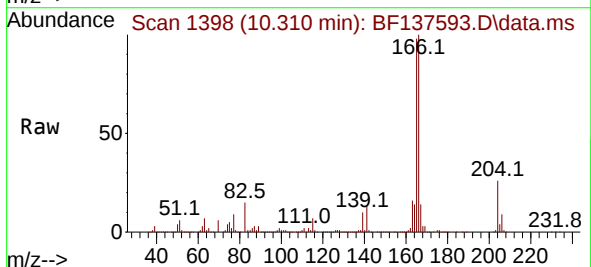
Instrument :
BNA_F
ClientSampleId :
PB159584BS

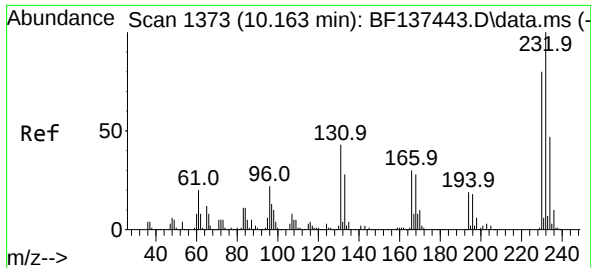
Tgt Ion:165 Resp: 355510
Ion Ratio Lower Upper
165 100
63 54.7 39.0 58.6
89 82.9 60.9 91.3
182 2.6 2.2 3.2



#58
Fluorene
Concen: 42.025 ng
RT: 10.310 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

Tgt Ion:166 Resp: 1103778
Ion Ratio Lower Upper
166 100
165 97.6 79.2 118.8
167 13.7 11.0 16.6

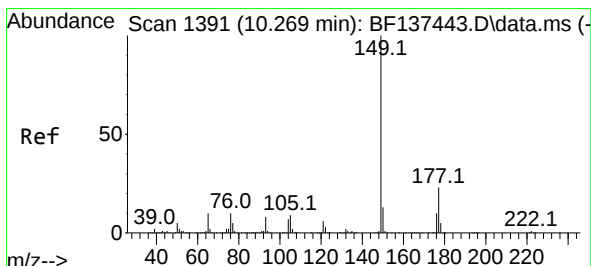
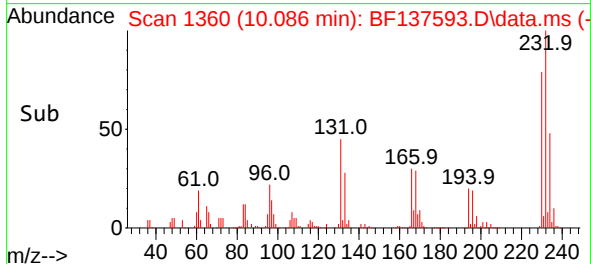
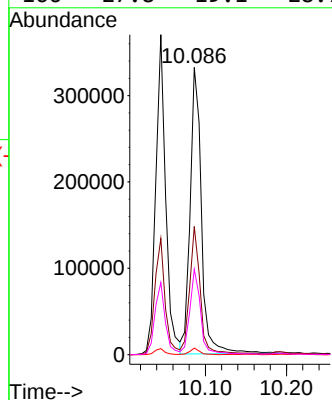
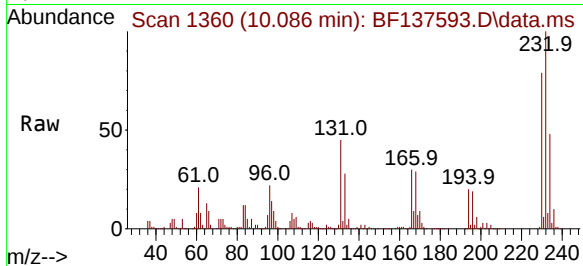




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.540 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

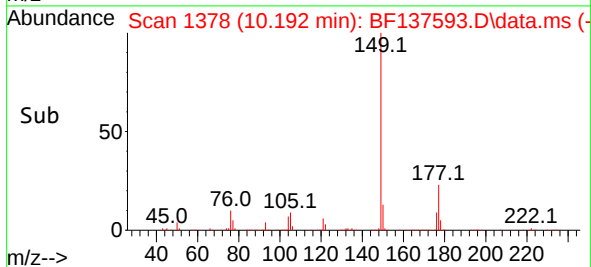
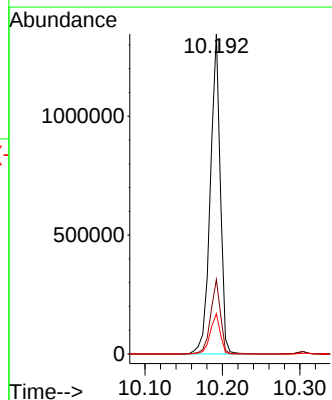
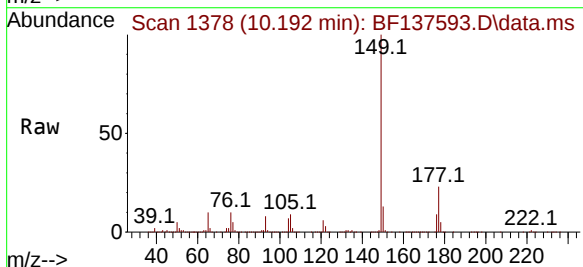
Instrument :
BNA_F
ClientSampleId :
PB159584BS

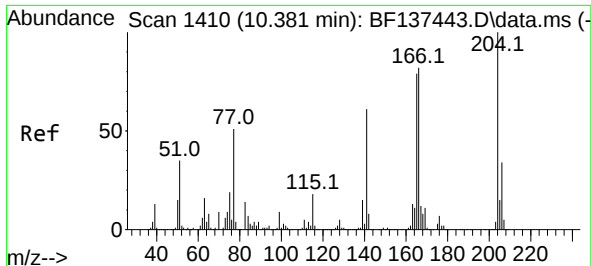
Tgt Ion:232 Resp: 322111
Ion Ratio Lower Upper
232 100
131 42.3 31.2 46.8
130 2.0 1.8 2.6
166 27.8 19.1 28.7



#60
Diethylphthalate
Concen: 43.415 ng
RT: 10.192 min Scan# 1378
Delta R.T. 0.006 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

Tgt Ion:149 Resp: 1201982
Ion Ratio Lower Upper
149 100
177 23.3 18.7 28.1
150 12.5 10.2 15.4

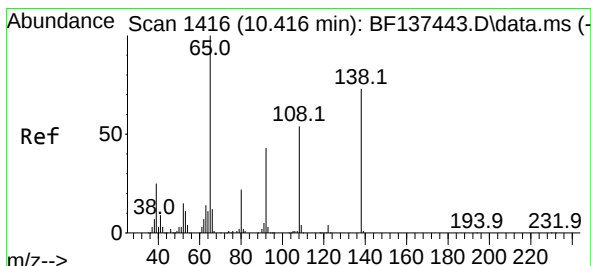
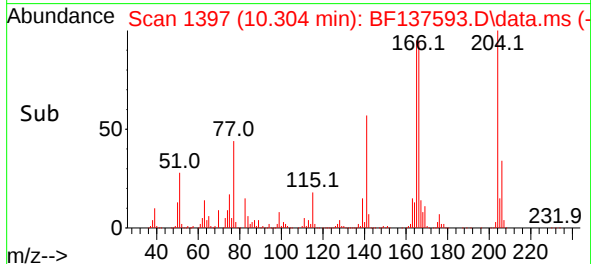
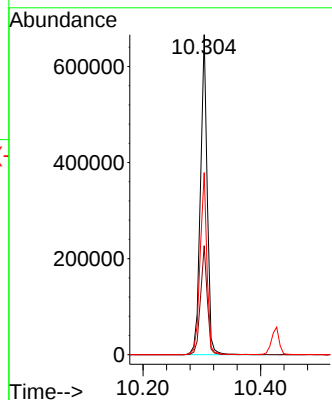
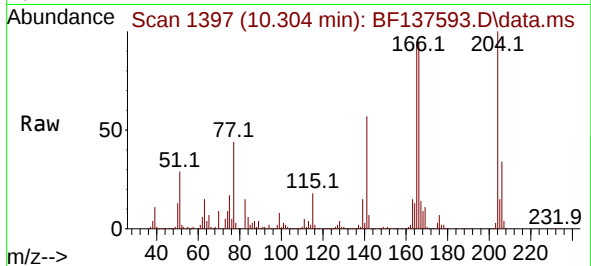




#61
4-Chlorophenyl-phenylether
Concen: 41.283 ng
RT: 10.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

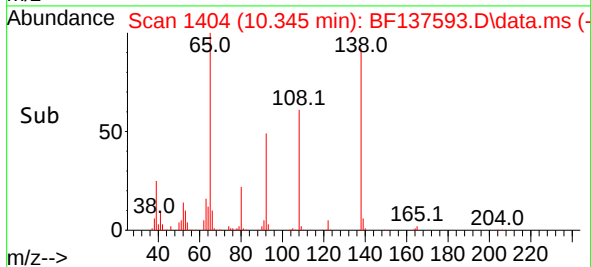
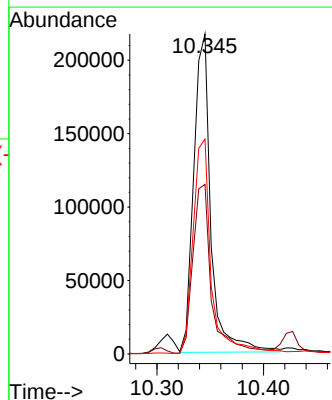
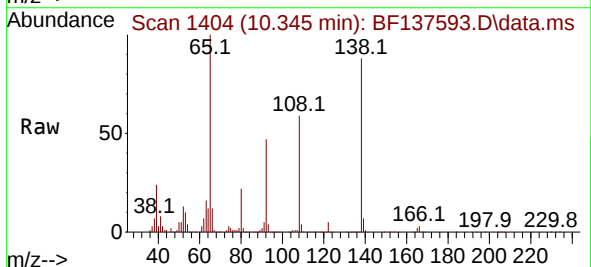
Instrument :
BNA_F
ClientSampleId :
PB159584BS

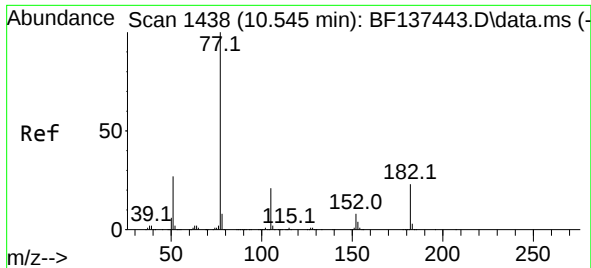
Tgt Ion:204 Resp: 531400
Ion Ratio Lower Upper
204 100
206 34.0 27.4 41.0
141 56.9 48.4 72.6



#62
4-Nitroaniline
Concen: 43.604 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.012 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

Tgt Ion:138 Resp: 243087
Ion Ratio Lower Upper
138 100
92 53.0 37.9 77.9
108 67.1 53.2 93.2



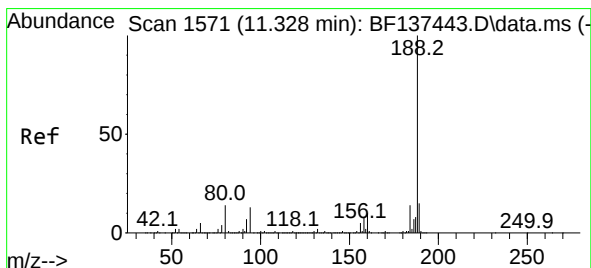
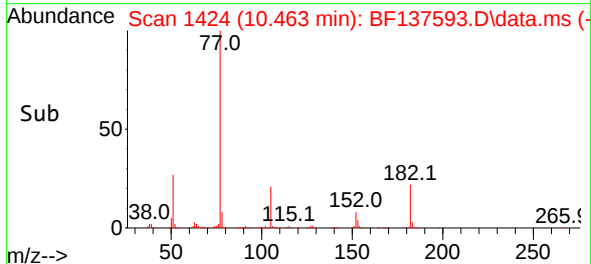
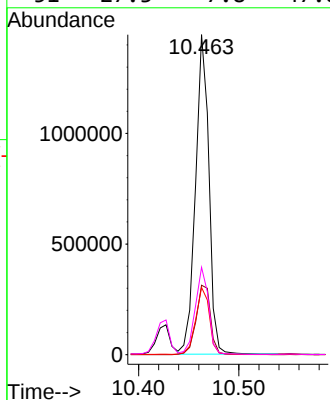
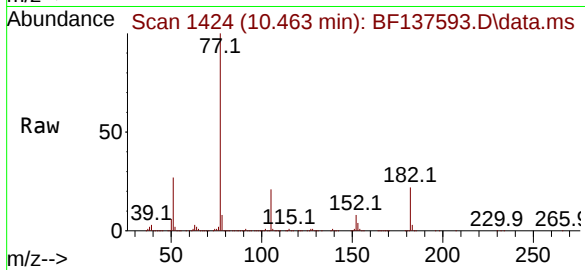


#63
Azobenzene
Concen: 42.176 ng
RT: 10.463 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

Instrument :
BNA_F
ClientSampleId :
PB159584BS

Tgt Ion: 77 Resp: 1344595

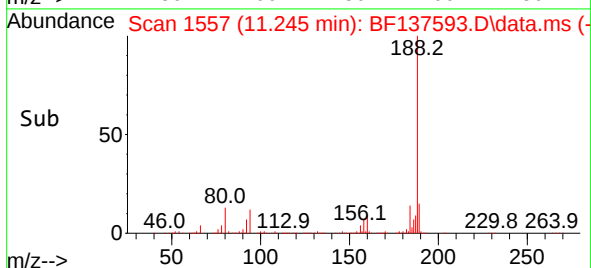
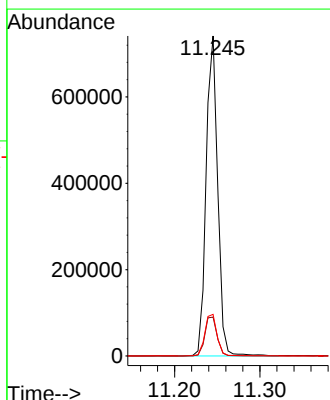
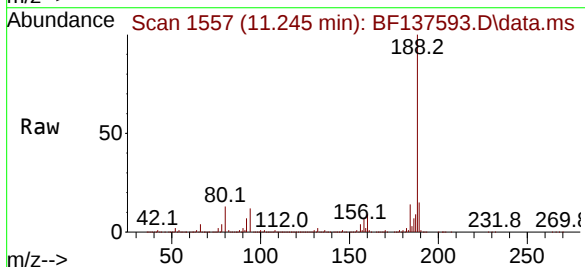
Ion	Ratio	Lower	Upper
77	100		
182	21.7	3.2	43.2
105	21.0	1.2	41.2
51	27.3	7.8	47.8

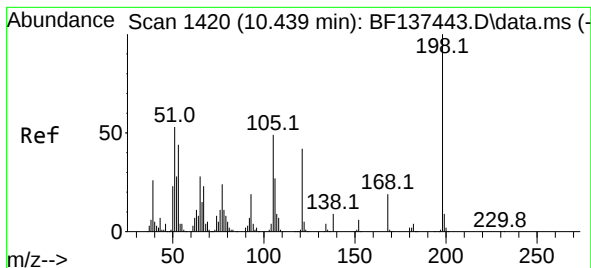


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 1557
Delta R.T. 0.006 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

Tgt Ion: 188 Resp: 695843

Ion	Ratio	Lower	Upper
188	100		
94	12.2	10.6	15.8
80	13.0	11.5	17.3

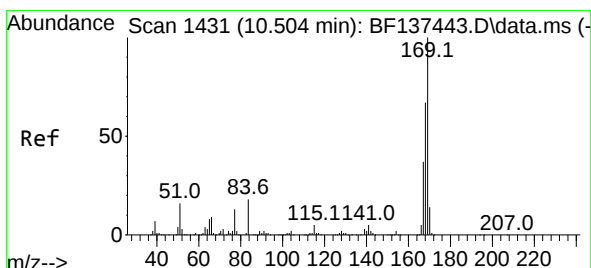
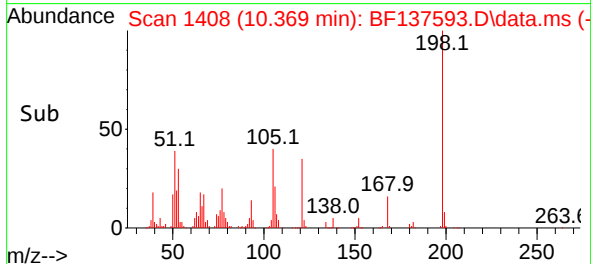
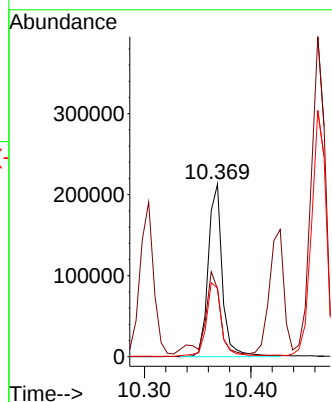
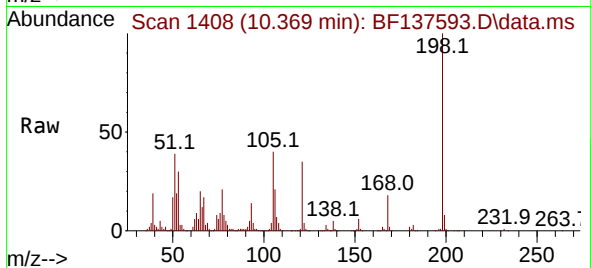




#65
4,6-Dinitro-2-methylphenol
Concen: 50.628 ng
RT: 10.369 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

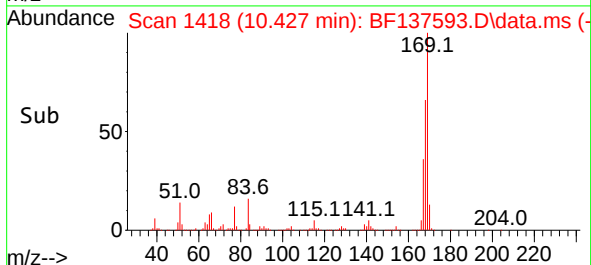
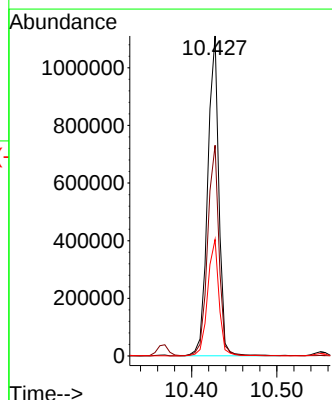
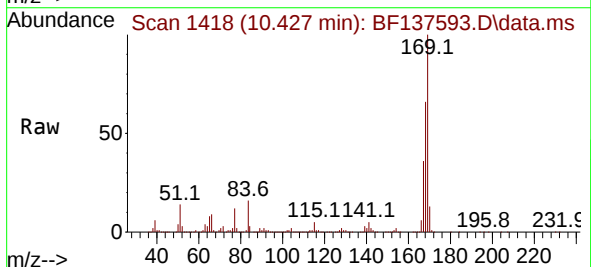
Instrument :
BNA_F
ClientSampleId :
PB159584BS

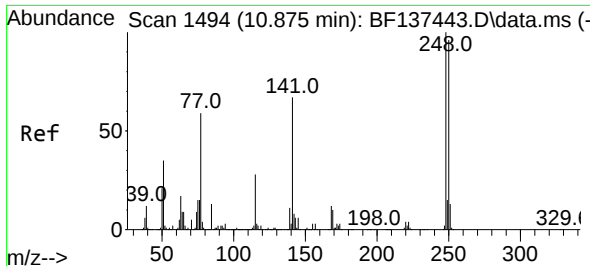
Tgt Ion:198 Resp: 196349
Ion Ratio Lower Upper
198 100
51 39.3 37.2 77.2
105 39.8 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 45.103 ng
RT: 10.427 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

Tgt Ion:169 Resp: 1010616
Ion Ratio Lower Upper
169 100
168 65.9 53.8 80.6
167 36.4 29.6 44.4

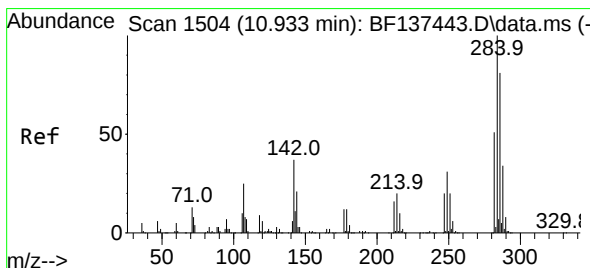
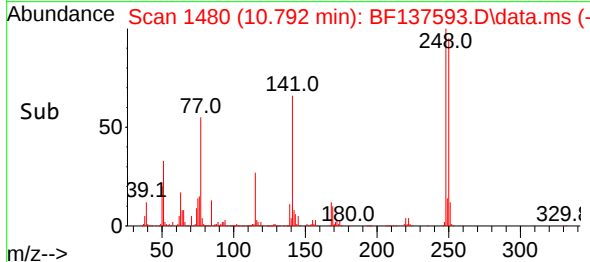
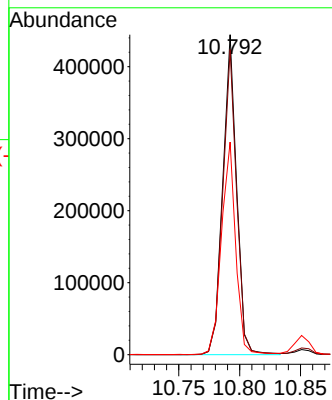
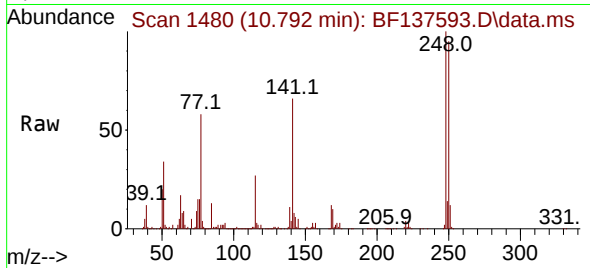




#67
4-Bromophenyl-phenylether
Concen: 46.604 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.000 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

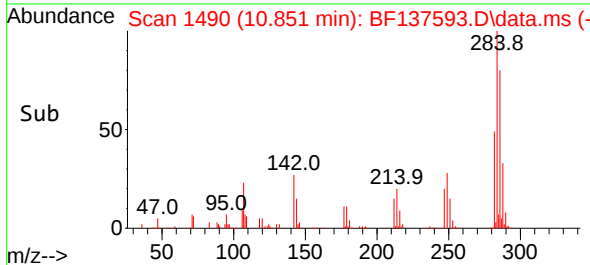
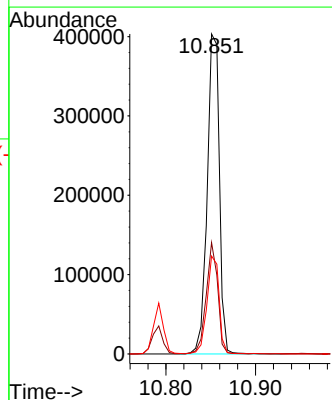
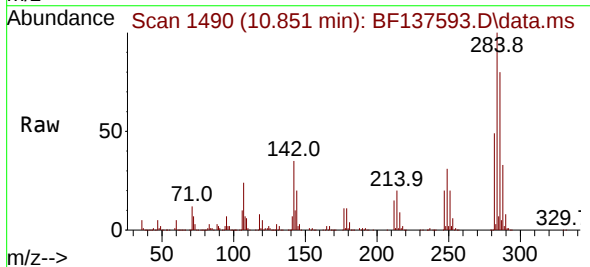
Instrument :
BNA_F
ClientSampleId :
PB159584BS

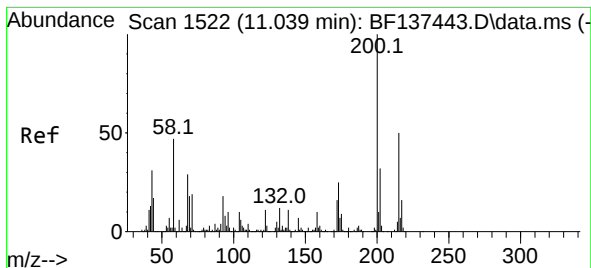
Tgt Ion:248 Resp: 353209
Ion Ratio Lower Upper
248 100
250 95.3 76.8 115.2
141 66.5 53.4 80.0



#68
Hexachlorobenzene
Concen: 49.753 ng
RT: 10.851 min Scan# 1490
Delta R.T. -0.000 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

Tgt Ion:284 Resp: 380856
Ion Ratio Lower Upper
284 100
142 34.8 29.4 44.0
249 30.6 25.0 37.4





#69

Atrazine

Concen: 41.458 ng

RT: 10.957 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137593.D

Acq: 14 Mar 2024 16:30

Instrument :

BNA_F

ClientSampleId :

PB159584BS

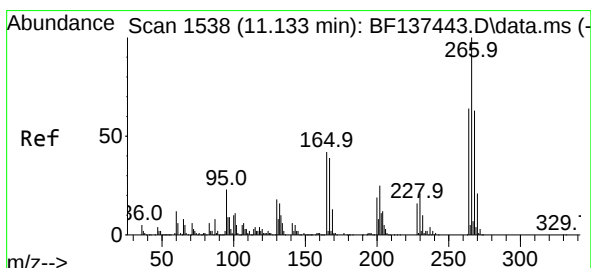
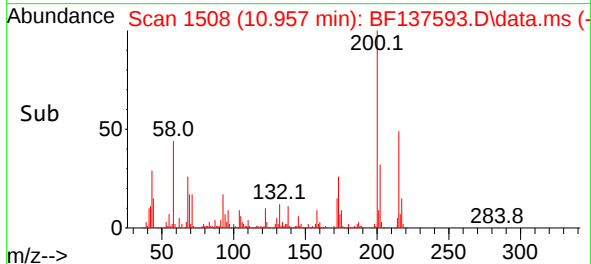
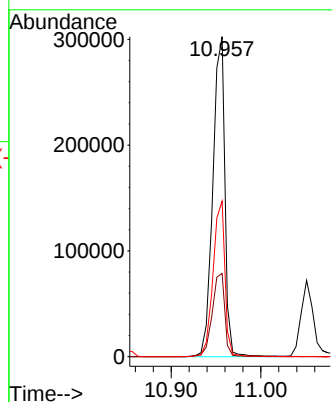
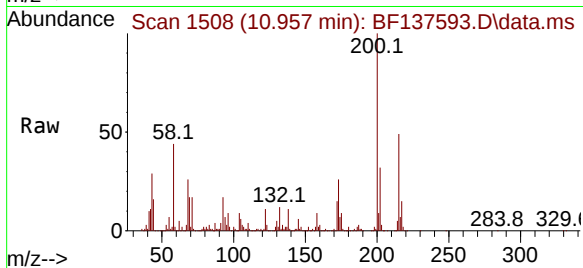
Tgt Ion:200 Resp: 282401

Ion Ratio Lower Upper

200 100

173 26.0 5.1 45.1

215 48.6 30.4 70.4



#70

Pentachlorophenol

Concen: 85.844 ng

RT: 11.051 min Scan# 1524

Delta R.T. 0.006 min

Lab File: BF137593.D

Acq: 14 Mar 2024 16:30

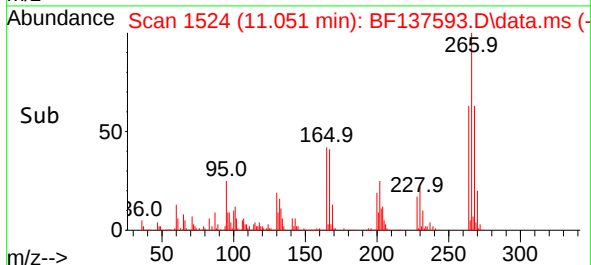
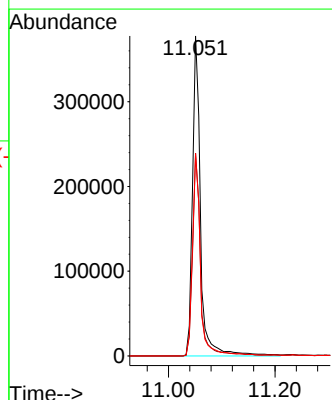
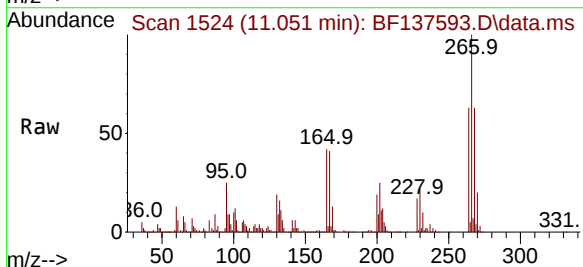
Tgt Ion:266 Resp: 397243

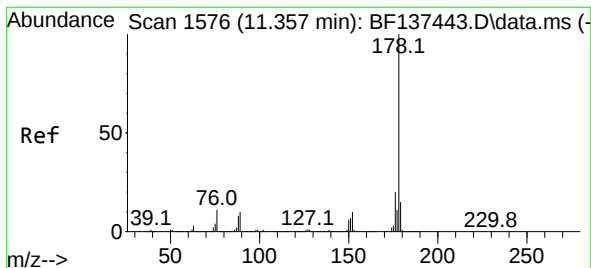
Ion Ratio Lower Upper

266 100

268 63.4 50.2 75.2

264 63.2 50.9 76.3





#71

Phenanthrene

Concen: 43.873 ng

RT: 11.269 min Scan# 1561

Delta R.T. -0.000 min

Lab File: BF137593.D

Acq: 14 Mar 2024 16:30

Instrument :

BNA_F

ClientSampleId :

PB159584BS

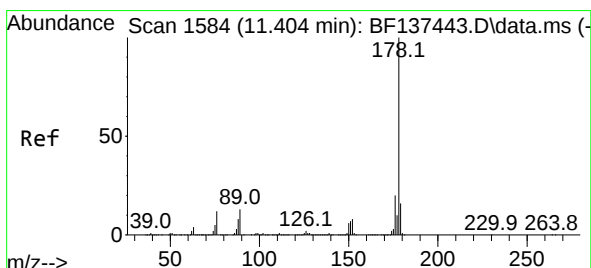
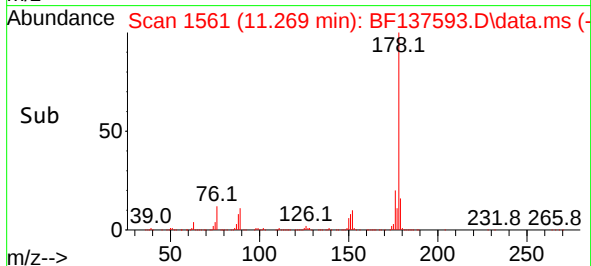
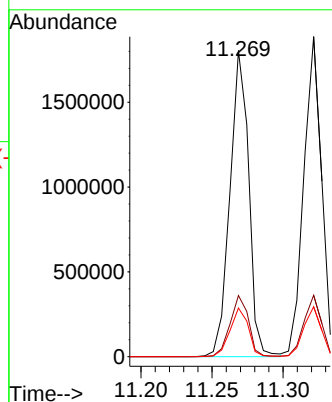
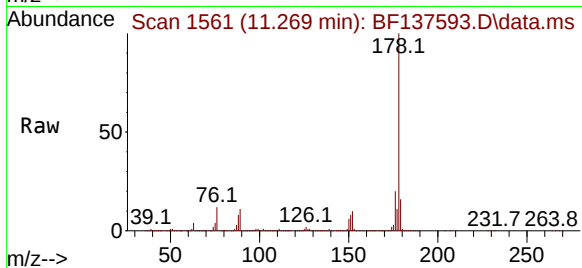
Tgt Ion:178 Resp: 1661441

Ion Ratio Lower Upper

178 100

176 20.0 15.8 23.8

179 15.9 12.2 18.2



#72

Anthracene

Concen: 43.327 ng

RT: 11.321 min Scan# 1570

Delta R.T. 0.006 min

Lab File: BF137593.D

Acq: 14 Mar 2024 16:30

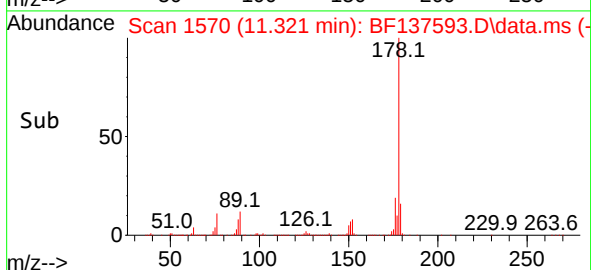
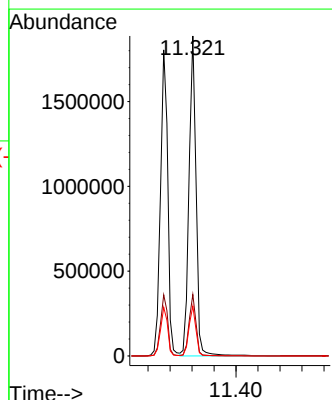
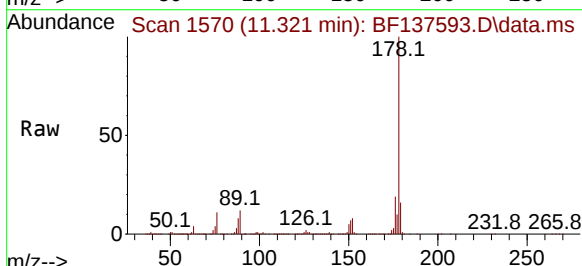
Tgt Ion:178 Resp: 1685156

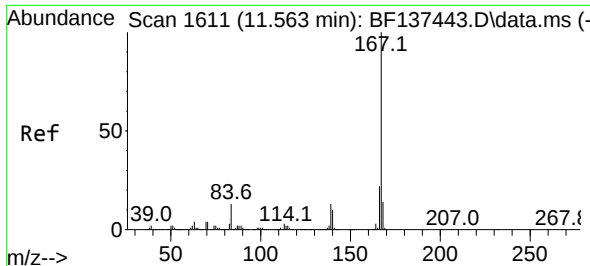
Ion Ratio Lower Upper

178 100

176 19.2 15.7 23.5

179 15.6 12.7 19.1

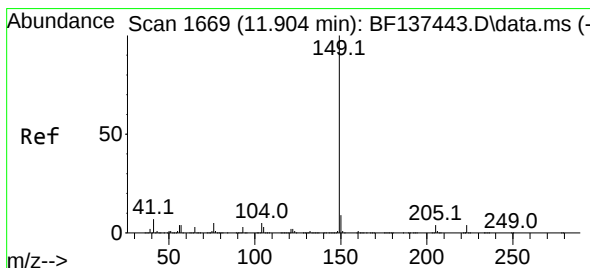
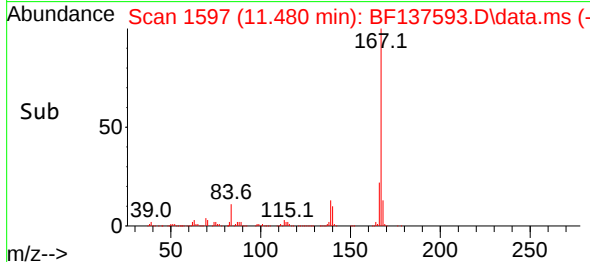
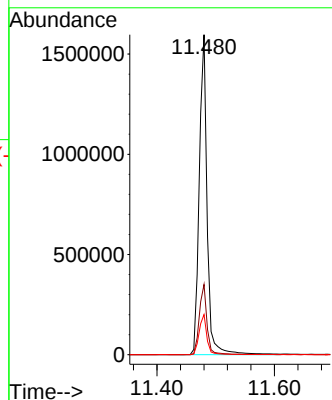
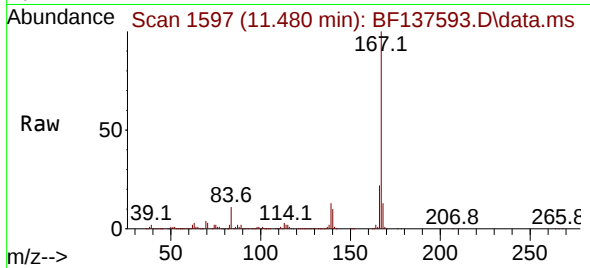




#73
 Carbazole
 Concen: 44.350 ng
 RT: 11.480 min Scan# 1653
 Delta R.T. 0.006 min
 Lab File: BF137593.D
 Acq: 14 Mar 2024 16:30

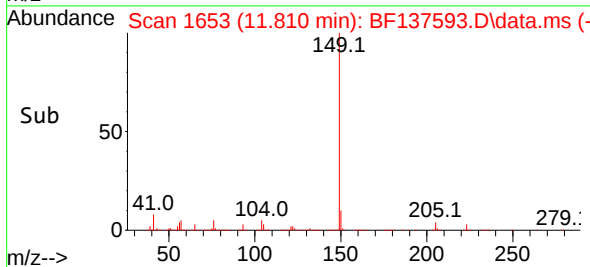
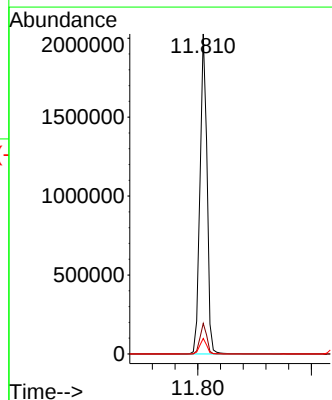
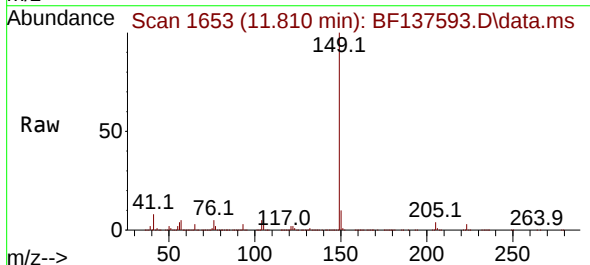
Instrument :
 BNA_F
 ClientSampleId :
 PB159584BS

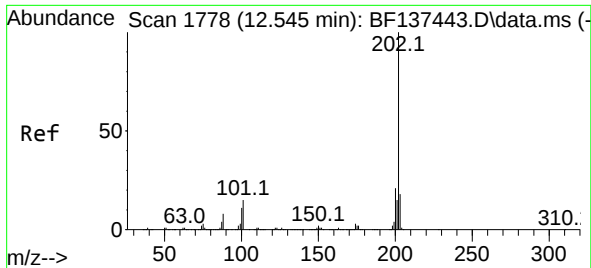
Tgt Ion:167 Resp: 1477536
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.8 26.8
 139 12.6 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 44.066 ng
 RT: 11.810 min Scan# 1653
 Delta R.T. -0.000 min
 Lab File: BF137593.D
 Acq: 14 Mar 2024 16:30

Tgt Ion:149 Resp: 1746649
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.4 11.0
 104 4.9 3.8 5.6

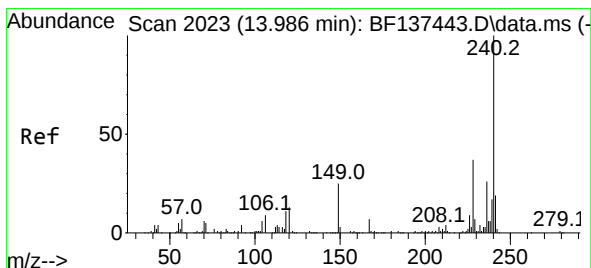
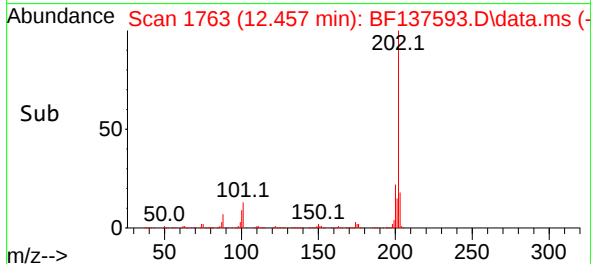
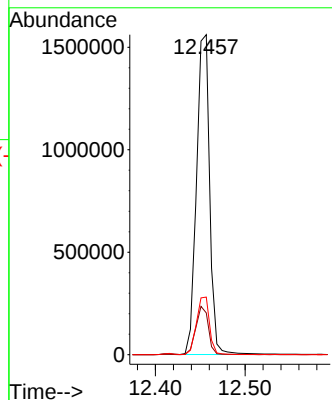
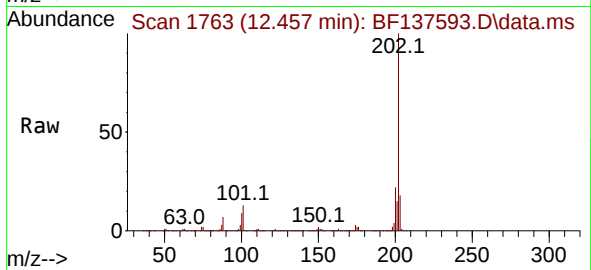




#75
Fluoranthene
Concen: 42.814 ng
RT: 12.457 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

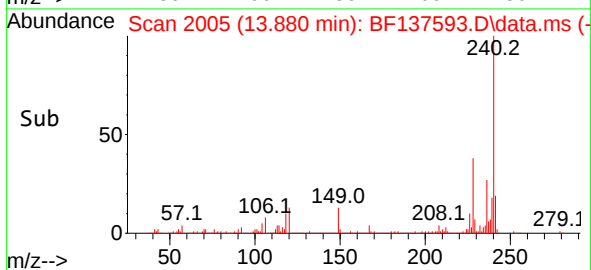
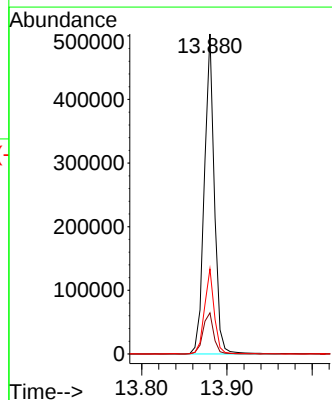
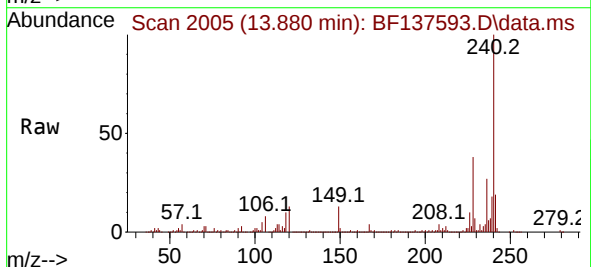
Instrument :
BNA_F
ClientSampleId :
PB159584BS

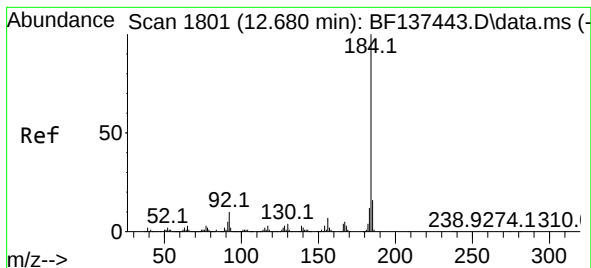
Tgt Ion:202 Resp: 1584824
Ion Ratio Lower Upper
202 100
101 13.1 0.0 35.0
203 18.0 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.006 min
Lab File: BF137593.D
Acq: 14 Mar 2024 16:30

Tgt Ion:240 Resp: 410966
Ion Ratio Lower Upper
240 100
120 12.8 10.4 15.6
236 26.6 20.9 31.3





#77

Benzidine

Concen: 16.070 ng

RT: 12.586 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF137593.D

Acq: 14 Mar 2024 16:30

Instrument :

BNA_F

ClientSampleId :

PB159584BS

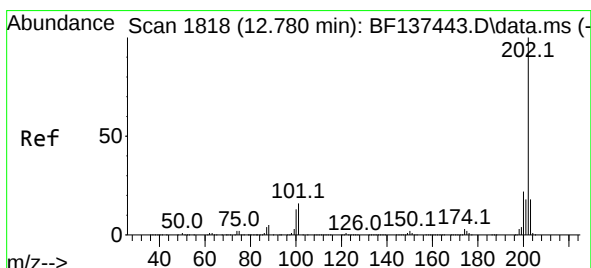
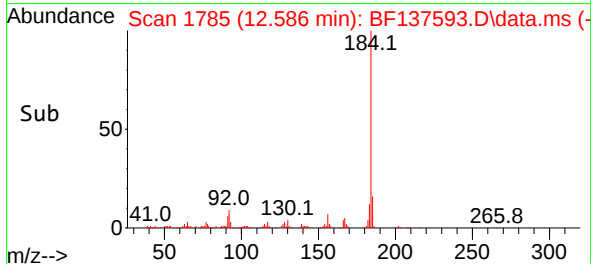
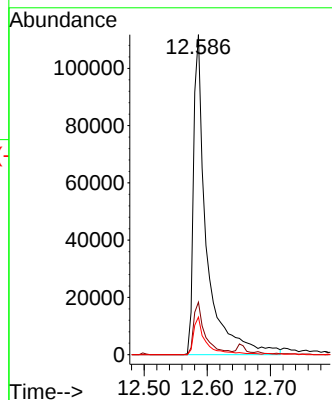
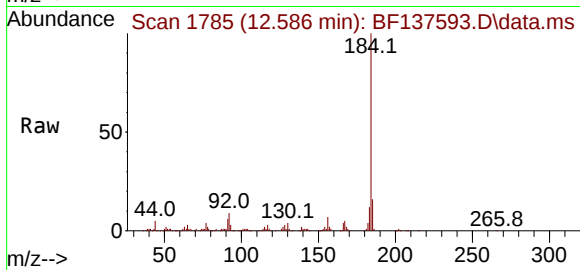
Tgt Ion:184 Resp: 161621

Ion Ratio Lower Upper

184 100

185 16.4 13.2 19.8

183 11.8 9.3 13.9



#78

Pyrene

Concen: 40.204 ng

RT: 12.680 min Scan# 1801

Delta R.T. -0.000 min

Lab File: BF137593.D

Acq: 14 Mar 2024 16:30

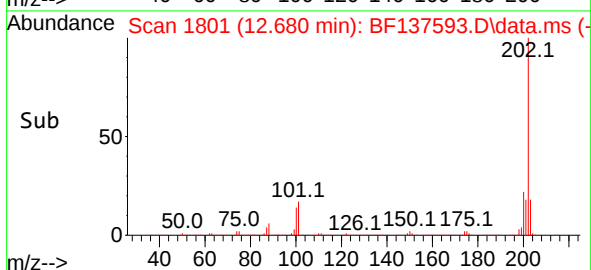
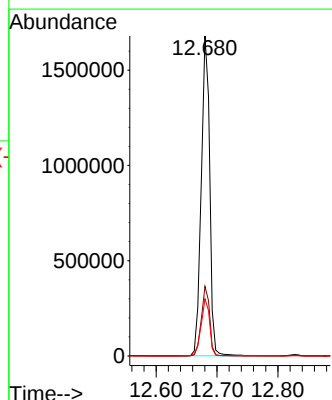
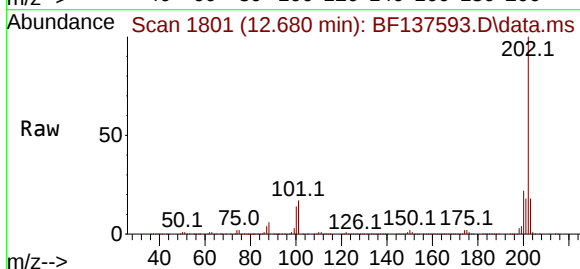
Tgt Ion:202 Resp: 1621241

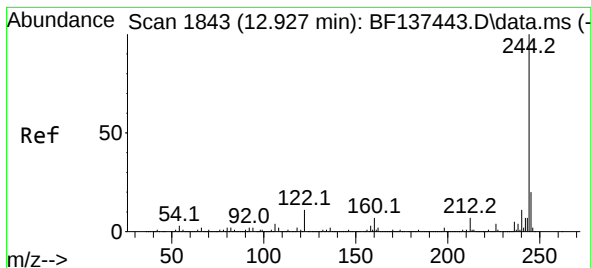
Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

203 17.9 14.1 21.1





#79

Terphenyl-d14

Concen: 77.376 ng

RT: 12.827 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF137593.D

Acq: 14 Mar 2024 16:30

Instrument :

BNA_F

ClientSampleId :

PB159584BS

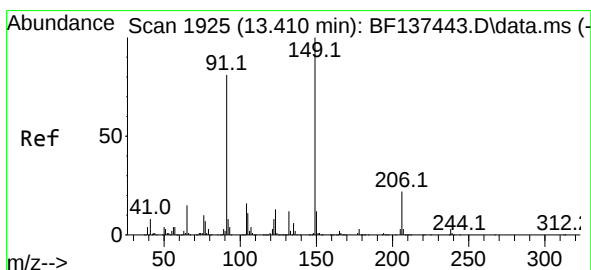
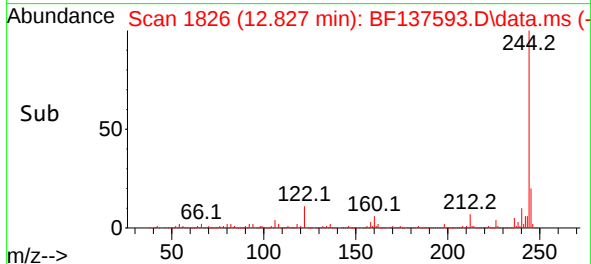
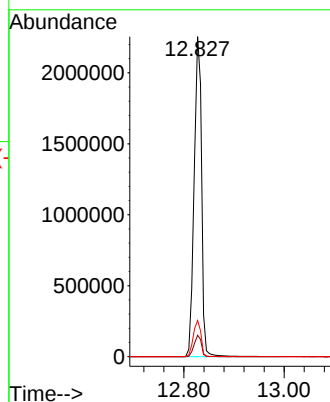
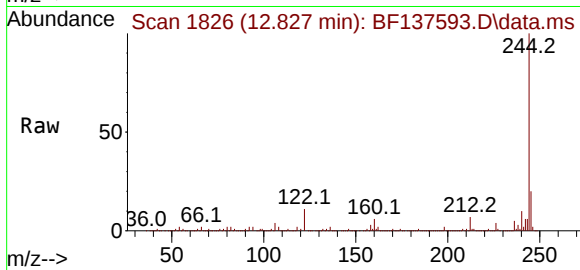
Tgt Ion:244 Resp: 2312463

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 11.3 9.1 13.7



#80

Butylbenzylphthalate

Concen: 55.473 ng

RT: 13.304 min Scan# 1907

Delta R.T. -0.000 min

Lab File: BF137593.D

Acq: 14 Mar 2024 16:30

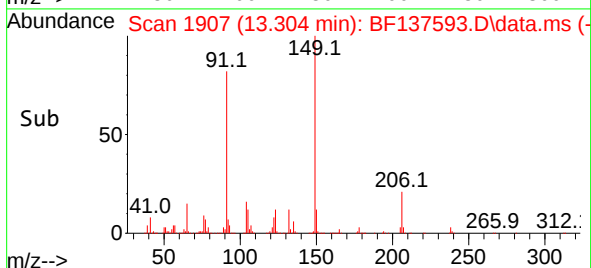
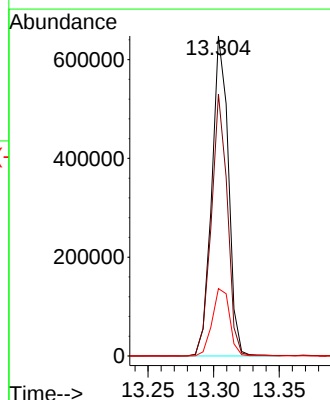
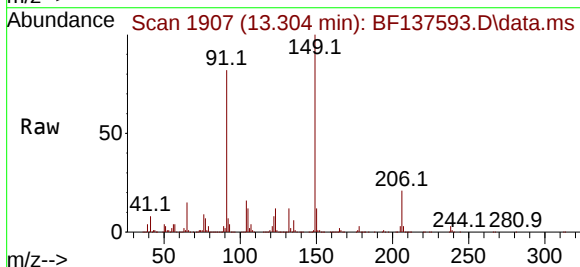
Tgt Ion:149 Resp: 571285

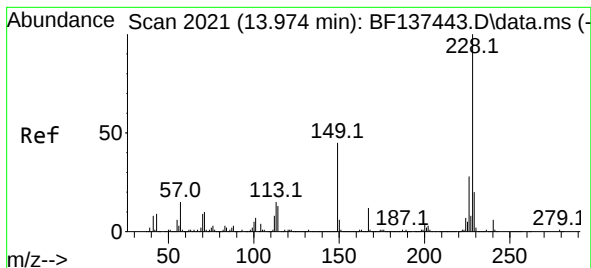
Ion Ratio Lower Upper

149 100

91 81.9 64.7 97.1

206 21.1 17.5 26.3





#81

Benzo(a)anthracene

Concen: 43.863 ng

RT: 13.868 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF137593.D

Acq: 14 Mar 2024 16:30

Instrument :

BNA_F

ClientSampleId :

PB159584BS

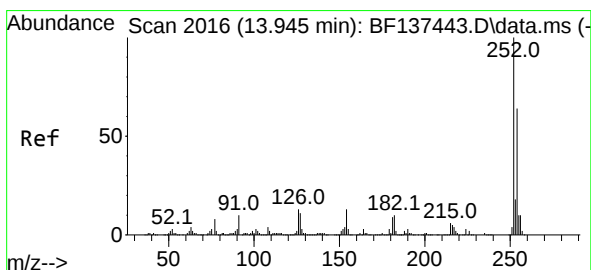
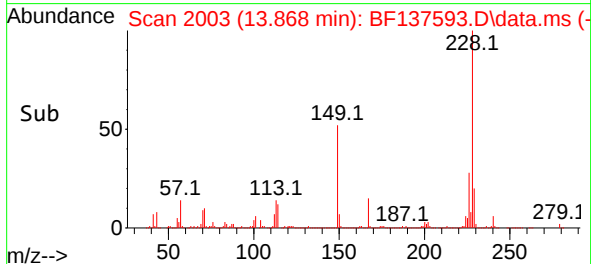
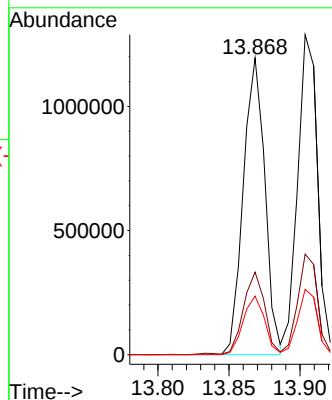
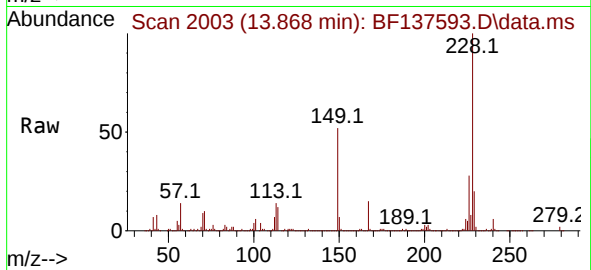
Tgt Ion:228 Resp: 1263436

Ion Ratio Lower Upper

228 100

226 27.8 22.3 33.5

229 19.7 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 42.756 ng

RT: 13.833 min Scan# 1997

Delta R.T. -0.000 min

Lab File: BF137593.D

Acq: 14 Mar 2024 16:30

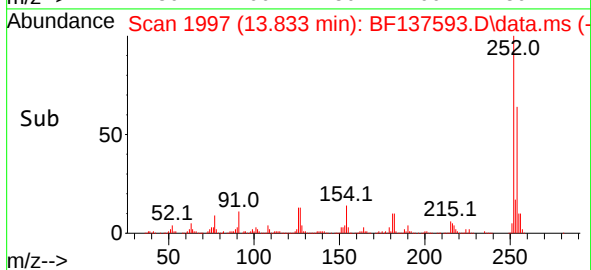
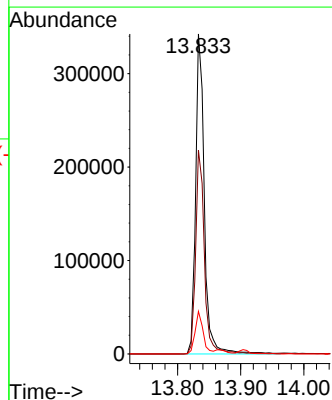
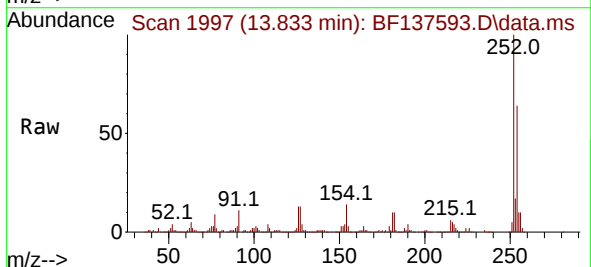
Tgt Ion:252 Resp: 327965

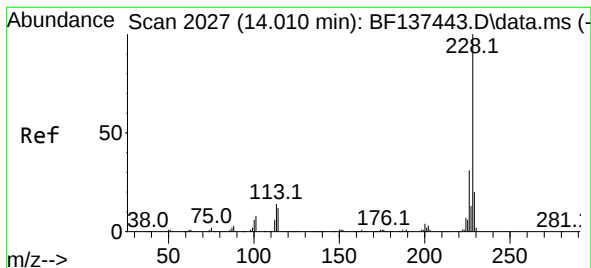
Ion Ratio Lower Upper

252 100

254 63.7 51.4 77.2

126 13.3 10.4 15.6





#83

Chrysene

Concen: 43.931 ng

RT: 13.904 min Scan# 2009

Delta R.T. -0.000 min

Lab File: BF137593.D

Acq: 14 Mar 2024 16:30

Instrument :

BNA_F

ClientSampleId :

PB159584BS

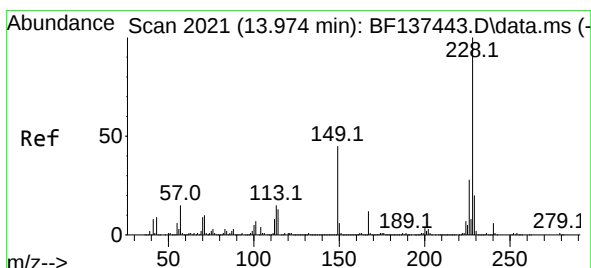
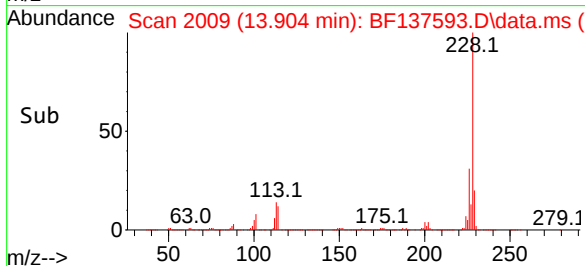
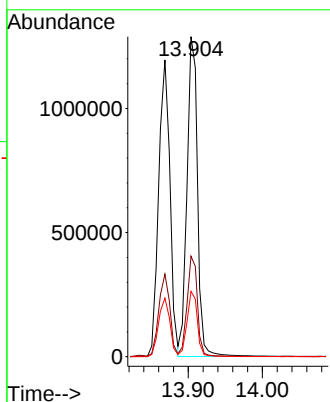
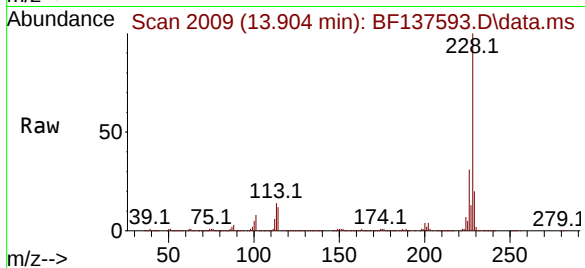
Tgt Ion:228 Resp: 1278941

Ion Ratio Lower Upper

228 100

226 31.4 24.7 37.1

229 20.4 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.290 ng

RT: 13.862 min Scan# 2002

Delta R.T. -0.000 min

Lab File: BF137593.D

Acq: 14 Mar 2024 16:30

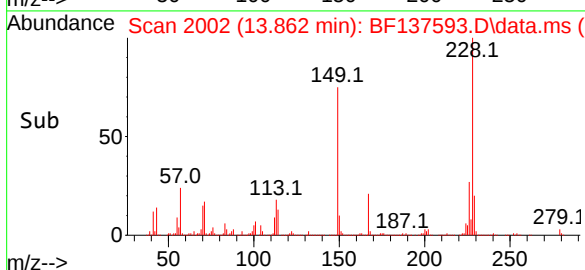
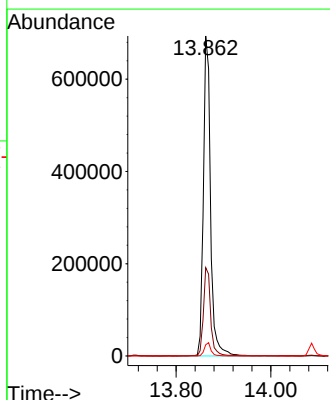
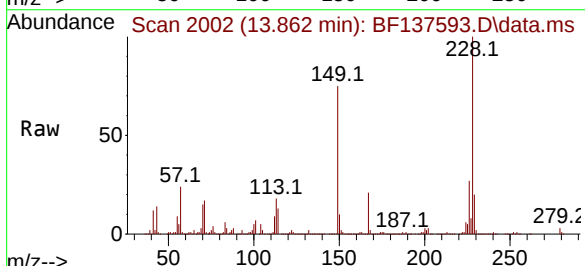
Tgt Ion:149 Resp: 723730

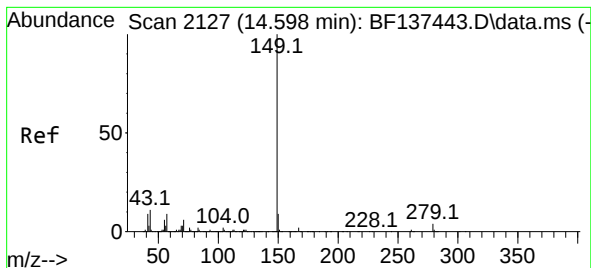
Ion Ratio Lower Upper

149 100

167 27.6 21.3 31.9

279 3.5 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 50.764 ng

RT: 14.474 min Scan# 2127

Delta R.T. -0.000 min

Lab File: BF137593.D

Acq: 14 Mar 2024 16:30

Instrument :

BNA_F

ClientSampleId :

PB159584BS

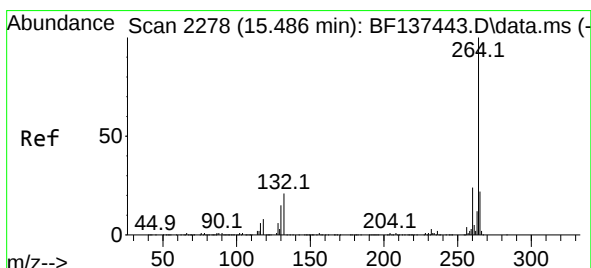
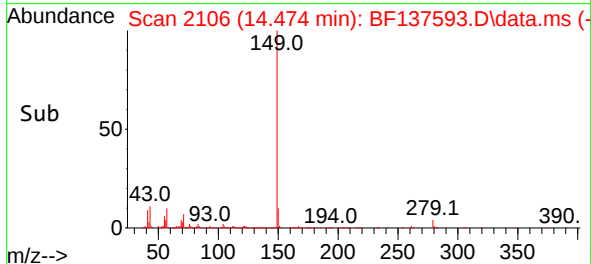
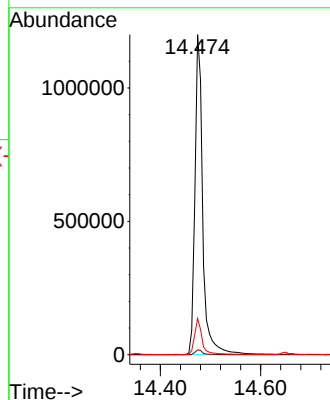
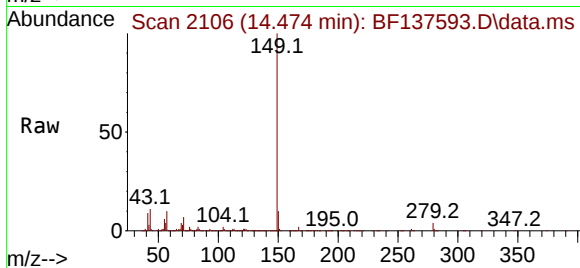
Tgt Ion:149 Resp: 1289849

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.9 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.298 min Scan# 2246

Delta R.T. -0.000 min

Lab File: BF137593.D

Acq: 14 Mar 2024 16:30

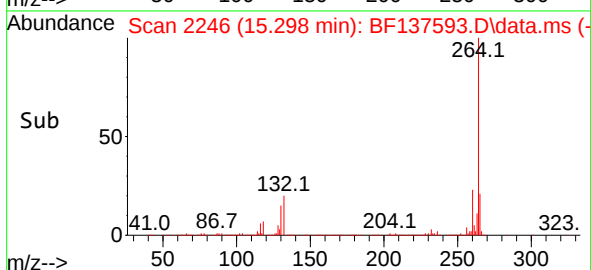
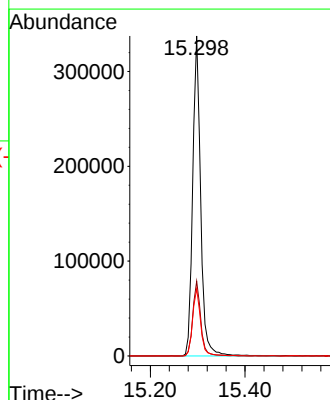
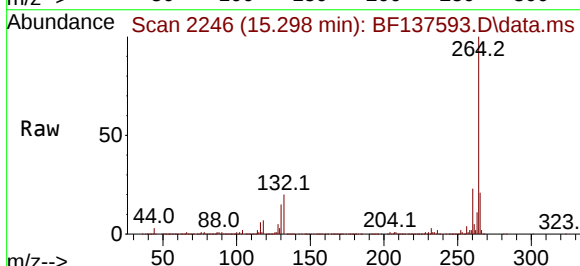
Tgt Ion:264 Resp: 394541

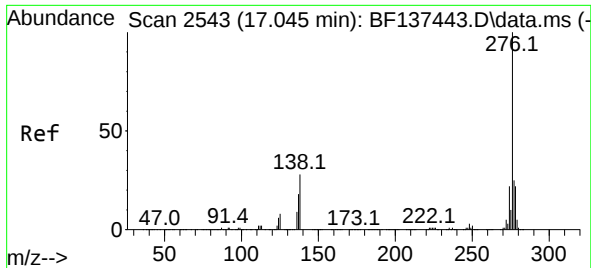
Ion Ratio Lower Upper

264 100

260 23.4 19.3 28.9

265 21.0 17.4 26.0

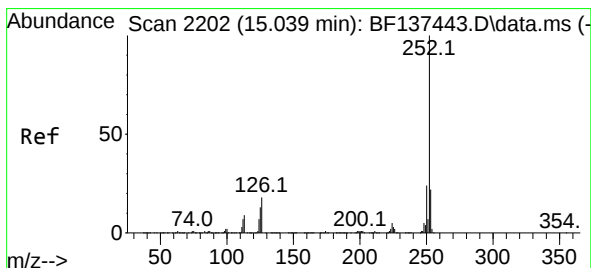
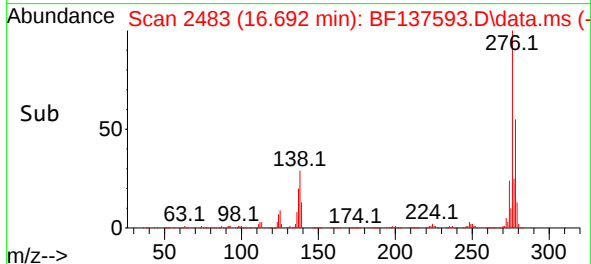
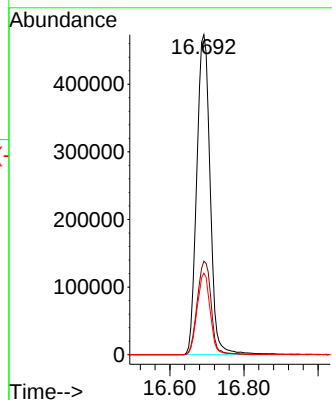
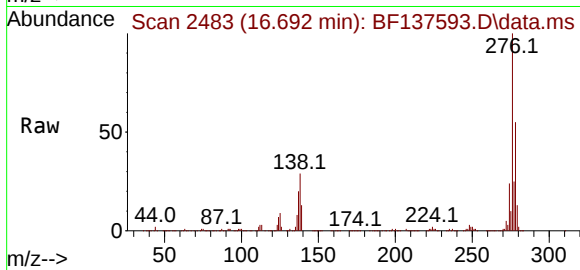




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.731 ng
 RT: 16.692 min Scan# 2177
 Delta R.T. 0.006 min
 Lab File: BF137593.D
 Acq: 14 Mar 2024 16:30

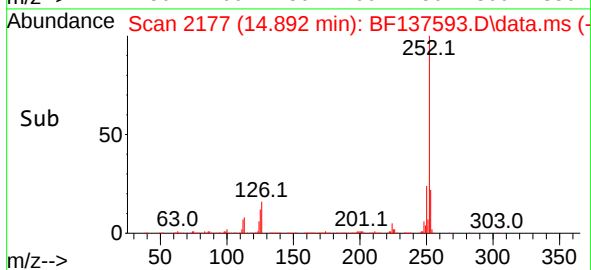
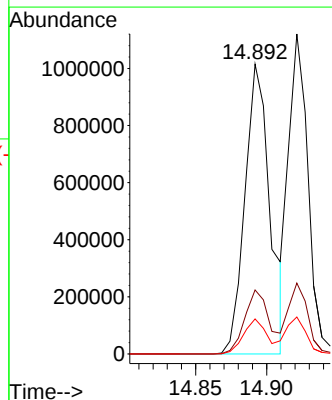
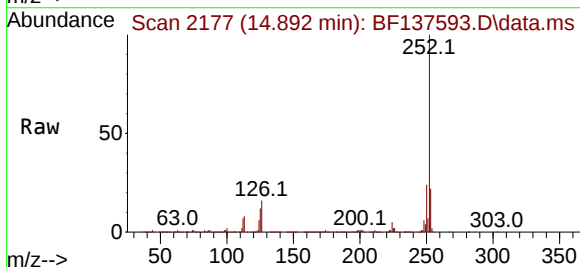
Instrument :
 BNA_F
 ClientSampleId :
 PB159584BS

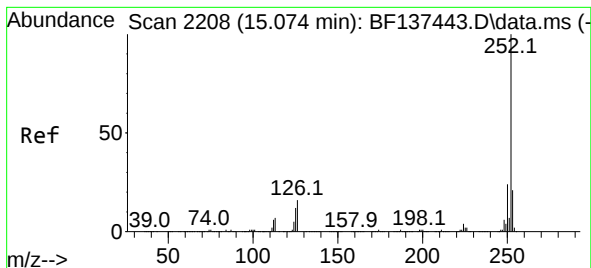
Tgt Ion:276 Resp: 1187347
 Ion Ratio Lower Upper
 276 100
 138 30.2 25.8 38.8
 277 25.0 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 53.188 ng
 RT: 14.892 min Scan# 2177
 Delta R.T. -0.000 min
 Lab File: BF137593.D
 Acq: 14 Mar 2024 16:30

Tgt Ion:252 Resp: 1241344
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.8 26.8
 125 12.1 10.1 15.1





#89

Benzo(k)fluoranthene

Concen: 43.322 ng

RT: 14.921 min Scan# 2182

Delta R.T. -0.000 min

Lab File: BF137593.D

Acq: 14 Mar 2024 16:30

Instrument :

BNA_F

ClientSampleId :

PB159584BS

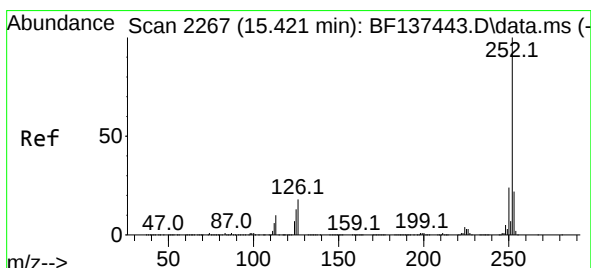
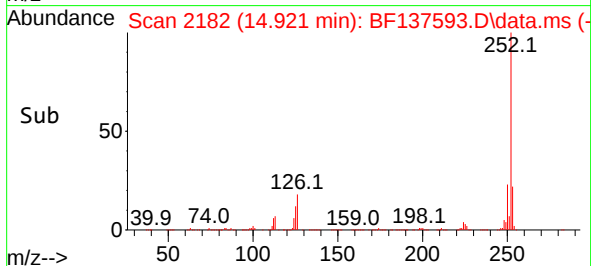
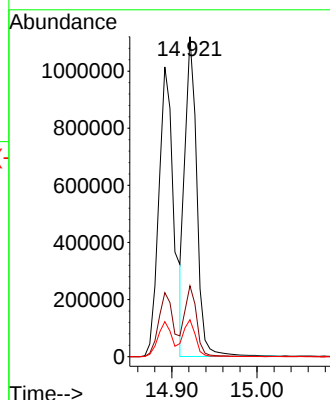
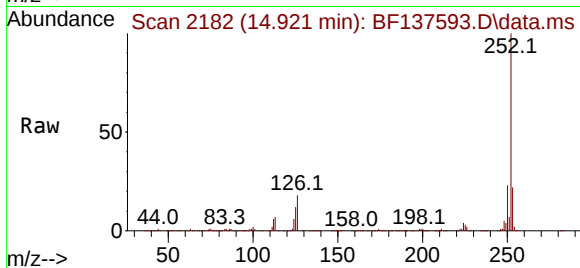
Tgt Ion:252 Resp: 1086003

Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

125 11.6 9.6 14.4



#90

Benzo(a)pyrene

Concen: 46.435 ng

RT: 15.239 min Scan# 2236

Delta R.T. -0.000 min

Lab File: BF137593.D

Acq: 14 Mar 2024 16:30

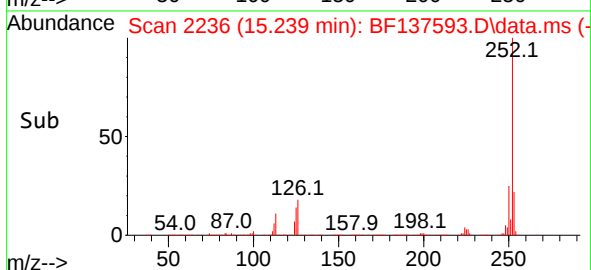
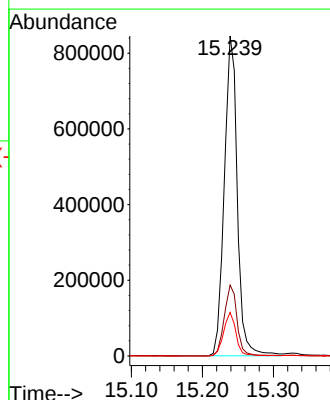
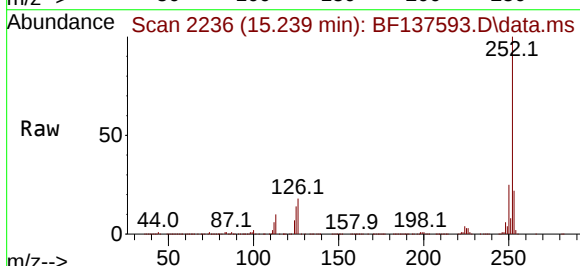
Tgt Ion:252 Resp: 1067951

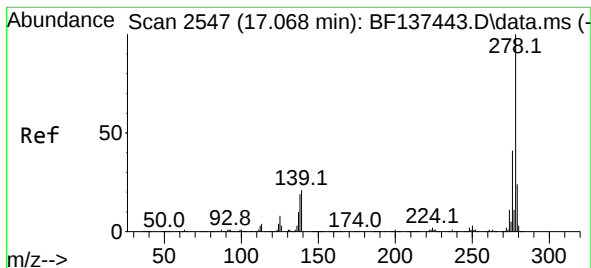
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

125 13.6 10.4 15.6





#91

Dibenzo(a,h)anthracene

Concen: 45.729 ng

RT: 16.703 min Scan# 24

Delta R.T. 0.006 min

Lab File: BF137593.D

Acq: 14 Mar 2024 16:30

Instrument :

BNA_F

ClientSampleId :

PB159584BS

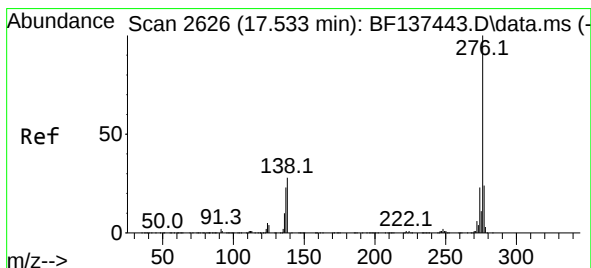
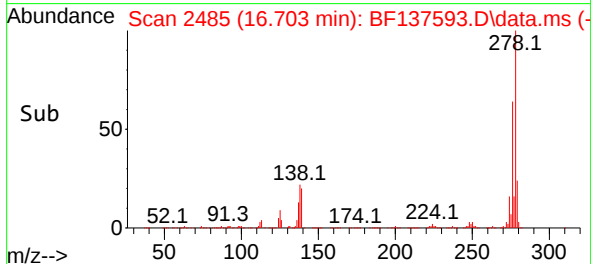
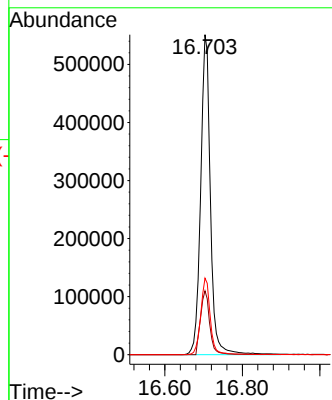
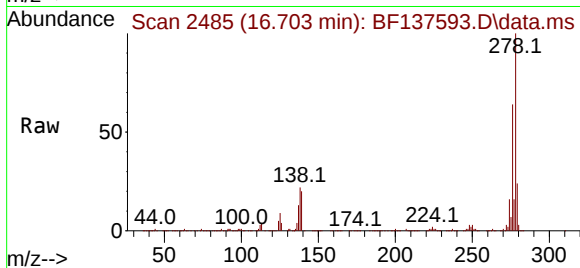
Tgt Ion:278 Resp: 963129

Ion Ratio Lower Upper

278 100

139 20.0 17.0 25.6

279 23.9 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 44.648 ng

RT: 17.109 min Scan# 2554

Delta R.T. 0.006 min

Lab File: BF137593.D

Acq: 14 Mar 2024 16:30

Tgt Ion:276 Resp: 965749

Ion Ratio Lower Upper

276 100

277 23.3 19.0 28.4

138 26.5 22.2 33.2

