

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012924\
 Data File : BF137185.D
 Acq On : 29 Jan 2024 11:03
 Operator : CG\JU
 Sample : PB158518BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158518BS

Quant Time: Jan 29 11:52:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 02:14:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	73126	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	298576	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	175089	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	350042	20.000	ng	0.00
76) Chrysene-d12	13.992	240	204702	20.000	ng	0.00
86) Perylene-d12	15.474	264	181797	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	444990	105.719	ng	0.02
7) Phenol-d6	6.440	99	612305	101.940	ng	0.00
23) Nitrobenzene-d5	7.369	82	585309	88.930	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	181666	92.867	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1054681	84.572	ng	0.00
79) Terphenyl-d14	12.933	244	1303931	89.345	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.693	88	80935	35.160	ng	96
3) Pyridine	3.434	79	187764	43.049	ng	97
4) n-Nitrosodimethylamine	3.416	42	110989	45.846	ng	84
6) Aniline	6.469	93	259384	36.958	ng	99
8) 2-Chlorophenol	6.587	128	240563	49.598	ng	97
9) Benzaldehyde	6.351	77	80227	33.715	ng	100
10) Phenol	6.451	94	335518	49.757	ng	95
11) bis(2-Chloroethyl)ether	6.545	93	240211	48.292	ng	98
12) 1,3-Dichlorobenzene	6.740	146	259087	45.016	ng	97
13) 1,4-Dichlorobenzene	6.822	146	268742	45.313	ng	97
14) 1,2-Dichlorobenzene	6.969	146	250318	45.011	ng	97
15) Benzyl Alcohol	6.945	79	237115	51.977	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.081	45	377662	43.099	ng	95
17) 2-Methylphenol	7.057	107	209778	50.656	ng	99
18) Hexachloroethane	7.310	117	93805	44.271	ng	94
19) n-Nitroso-di-n-propyla...	7.222	70	205345	47.236	ng	93
20) 3+4-Methylphenols	7.210	107	256559	50.632	ng	93
22) Acetophenone	7.216	105	354088	45.237	ng	96
24) Nitrobenzene	7.387	77	292860	46.605	ng	98
25) Isophorone	7.622	82	562295	45.700	ng	100
26) 2-Nitrophenol	7.698	139	104380	44.196	ng	99
27) 2,4-Dimethylphenol	7.739	122	210842	61.614	ng	96
28) bis(2-Chloroethoxy)met...	7.840	93	309954	47.820	ng	99
29) 2,4-Dichlorophenol	7.939	162	213128	51.741	ng	98
30) 1,2,4-Trichlorobenzene	8.022	180	241881	45.057	ng	99
31) Naphthalene	8.104	128	703071	44.478	ng	99
32) Benzoic acid	7.881	122	95302	50.000	ng	98
33) 4-Chloroaniline	8.151	127	115407	21.798	ng	98
34) Hexachlorobutadiene	8.222	225	156962	44.289	ng	99
35) Caprolactam	8.534	113	32825	24.131	ng	94
36) 4-Chloro-3-methylphenol	8.639	107	243745	48.316	ng	99
37) 2-Methylnaphthalene	8.792	142	486389	45.264	ng	98
38) 1-Methylnaphthalene	8.892	142	451732	44.782	ng	99
40) 1,2,4,5-Tetrachloroben...	8.963	216	249990	42.961	ng	97
41) Hexachlorocyclopentadiene	8.951	237	320773	116.753	ng	98
43) 2,4,6-Trichlorophenol	9.075	196	159139	48.520	ng	99

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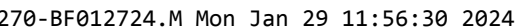
Instrument :
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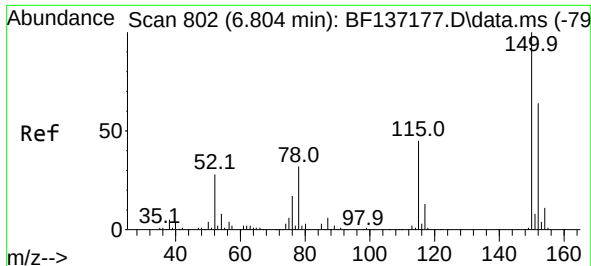
Quant Time: Jan 29 11:52:19 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	166317	49.032	ng	98
46) 1,1'-Biphenyl	9.263	154	609101	44.222	ng	97
47) 2-Chloronaphthalene	9.286	162	459659	45.165	ng	100
48) 2-Nitroaniline	9.386	65	164044	50.884	ng	92
49) Acenaphthylene	9.704	152	704093	42.786	ng	99
50) Dimethylphthalate	9.569	163	557198	45.783	ng	99
51) 2,6-Dinitrotoluene	9.628	165	120842	48.158	ng	90
52) Acenaphthene	9.875	154	440608	45.016	ng	99
53) 3-Nitroaniline	9.798	138	71120	29.409	ng	100
54) 2,4-Dinitrophenol	9.904	184	90710	80.351	ng	96
55) Dibenzofuran	10.051	168	683152	44.462	ng	98
56) 4-Nitrophenol	9.969	139	177456	99.608	ng	# 88
57) 2,4-Dinitrotoluene	10.033	165	158661	49.549	ng	97
58) Fluorene	10.392	166	521208	43.155	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.122	232	147766	44.227	ng	97
60) Diethylphthalate	10.275	149	549042	45.460	ng	99
61) 4-Chlorophenyl-phenyle...	10.386	204	262045	43.475	ng	96
62) 4-Nitroaniline	10.422	138	95790	41.749	ng	96
63) Azobenzene	10.545	77	584107	44.404	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	68197	41.857	ng	97
66) n-Nitrosodiphenylamine	10.510	169	478119	46.032	ng	100
67) 4-Bromophenyl-phenylether	10.880	248	177870	46.171	ng	96
68) Hexachlorobenzene	10.939	284	188551	44.272	ng	# 91
69) Atrazine	11.045	200	173663	48.426	ng	96
70) Pentachlorophenol	11.133	266	223961	94.998	ng	98
71) Phenanthrene	11.357	178	818265	45.183	ng	100
72) Anthracene	11.410	178	828339	44.320	ng	100
73) Carbazole	11.569	167	720338	45.510	ng	99
74) Di-n-butylphthalate	11.910	149	852435	47.155	ng	99
75) Fluoranthene	12.551	202	853114	43.884	ng	98
77) Benzidine	12.680	184	161511	38.667	ng	99
78) Pyrene	12.780	202	877681	46.575	ng	99
80) Butylbenzylphthalate	13.416	149	276460	48.115	ng	96
81) Benzo(a)anthracene	13.980	228	676140	46.206	ng	98
82) 3,3'-Dichlorobenzidine	13.945	252	149653	36.591	ng	# 97
83) Chrysene	14.016	228	663927	45.531	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	373210	55.889	ng	98
85) Di-n-octyl phthalate	14.604	149	552472	55.277	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	569269	47.781	ng	99
88) Benzo(b)fluoranthene	15.039	252	587360	50.431	ng	98
89) Benzo(k)fluoranthene	15.074	252	535037	45.508	ng	99
90) Benzo(a)pyrene	15.415	252	471035	44.836	ng	99
91) Dibenzo(a,h)anthracene	17.009	278	472283	49.584	ng	97
92) Benzo(g,h,i)perylene	17.445	276	462393	49.779	ng	99

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

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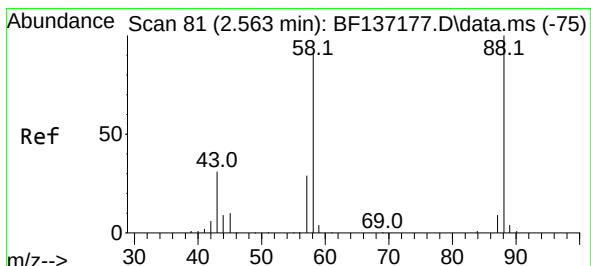
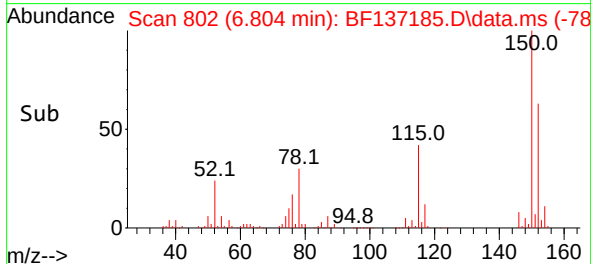
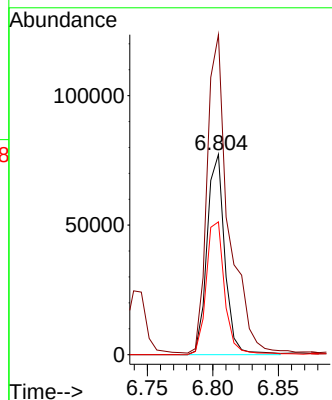
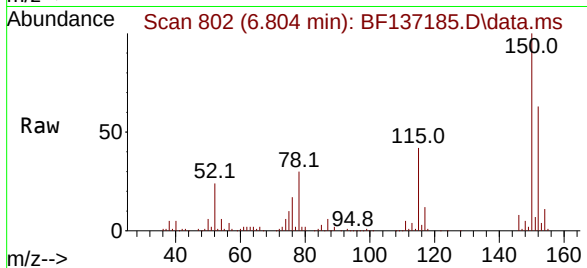




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF137185.D
 Acq: 29 Jan 2024 11:03

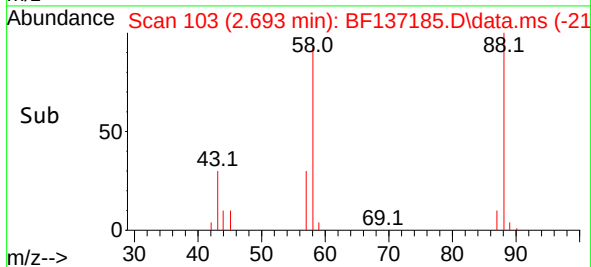
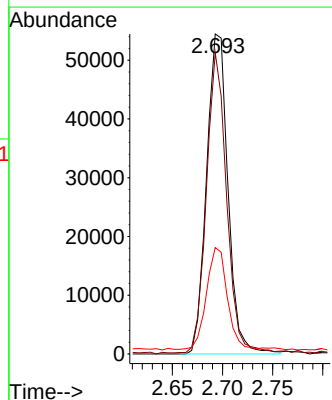
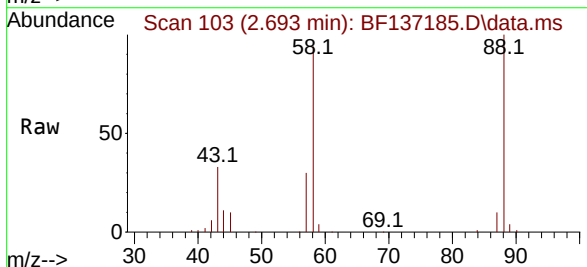
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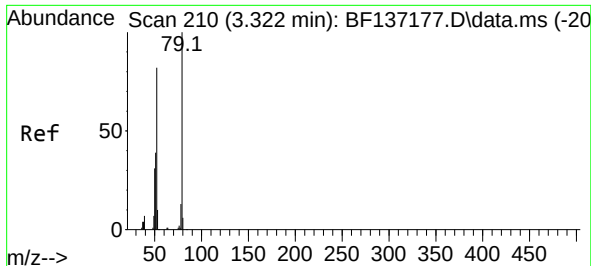
Tgt Ion:152 Resp: 73126
 Ion Ratio Lower Upper
 152 100
 150 159.8 125.6 188.4
 115 66.3 55.9 83.9



#2
 1,4-Dioxane
 Concen: 35.160 ng
 RT: 2.693 min Scan# 103
 Delta R.T. 0.130 min
 Lab File: BF137185.D
 Acq: 29 Jan 2024 11:03

Tgt Ion: 88 Resp: 80935
 Ion Ratio Lower Upper
 88 100
 58 88.3 72.8 109.2
 43 30.7 27.6 41.4

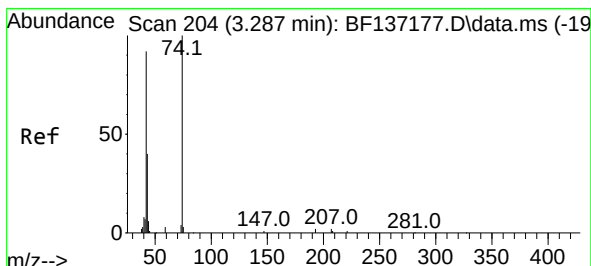
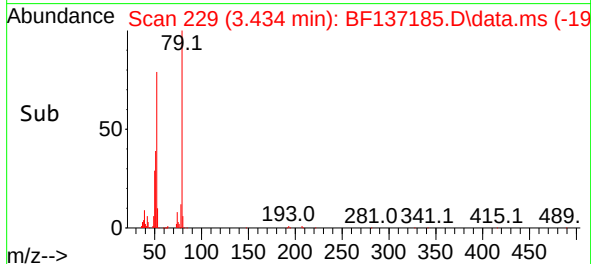
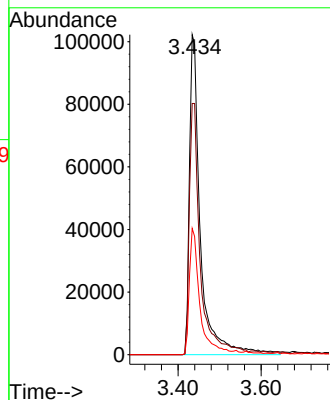
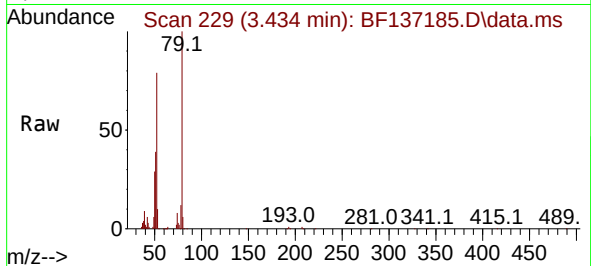




#3
Pyridine
Concen: 43.049 ng
RT: 3.434 min Scan# 210
Delta R.T. 0.112 min
Lab File: BF137185.D
Acq: 29 Jan 2024 11:03

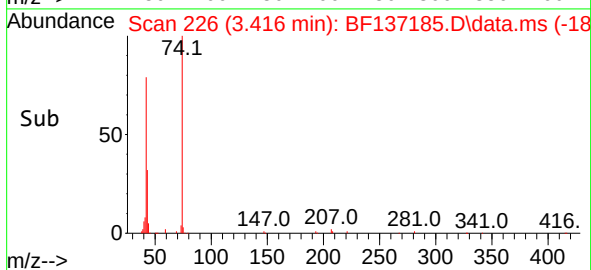
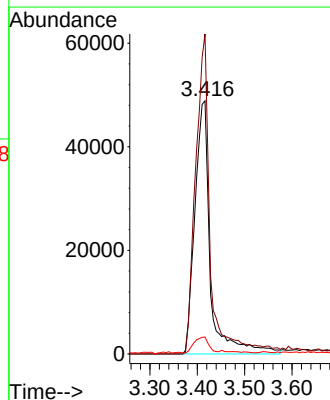
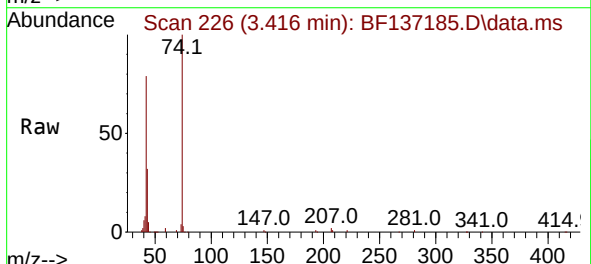
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BNA_F
ClientSampleId :
PB158518BS

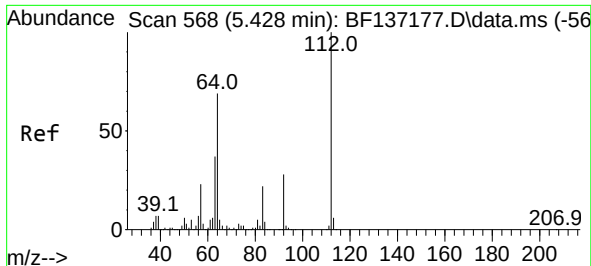
Tgt Ion: 79 Resp: 187764
Ion Ratio Lower Upper
79 100
52 78.5 65.6 98.4
51 39.4 31.2 46.8



#4
n-Nitrosodimethylamine
Concen: 45.846 ng
RT: 3.416 min Scan# 226
Delta R.T. 0.129 min
Lab File: BF137185.D
Acq: 29 Jan 2024 11:03

Tgt Ion: 42 Resp: 110989
Ion Ratio Lower Upper
42 100
74 126.4 86.6 129.8
44 6.7 5.7 8.5

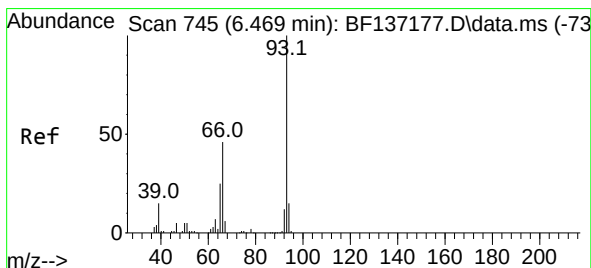
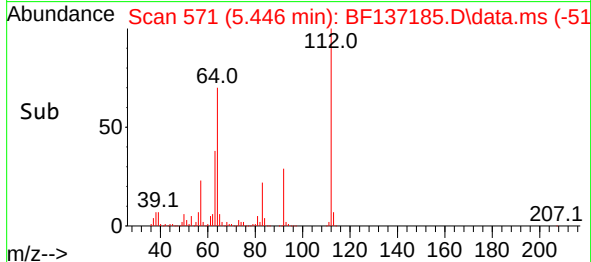
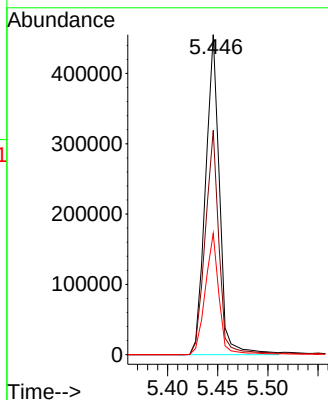
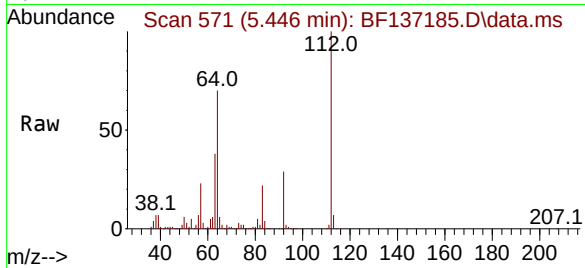




#5
2-Fluorophenol
Concen: 105.719 ng
RT: 5.446 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF137185.D
Acq: 29 Jan 2024 11:03

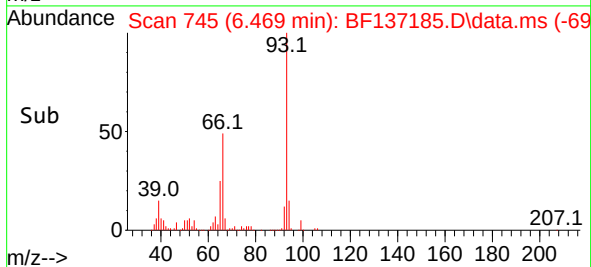
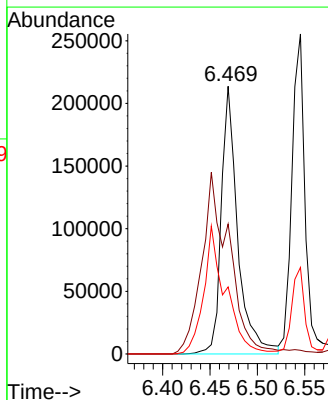
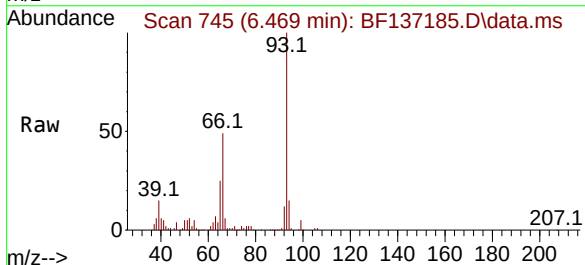
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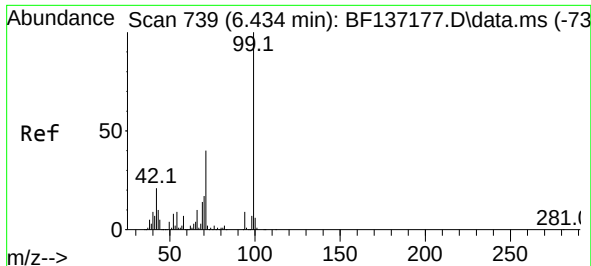
Tgt Ion:112 Resp: 444990
Ion Ratio Lower Upper
112 100
64 70.1 55.5 83.3
63 37.9 29.8 44.8



#6
Aniline
Concen: 36.958 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF137185.D
Acq: 29 Jan 2024 11:03

Tgt Ion: 93 Resp: 259384
Ion Ratio Lower Upper
93 100
66 48.6 39.2 58.8
65 25.0 20.5 30.7

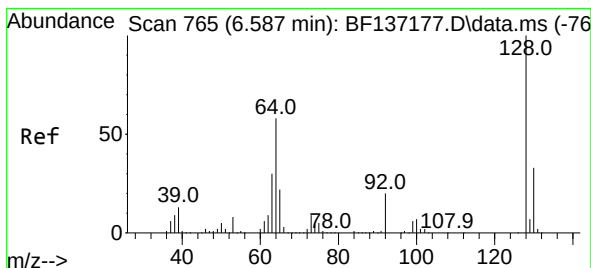
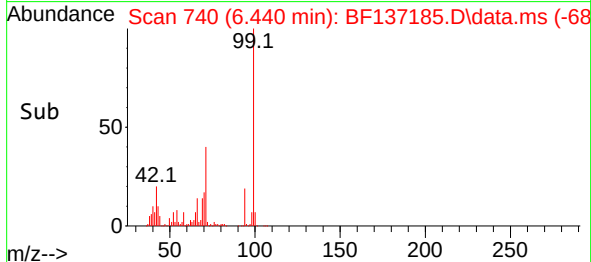
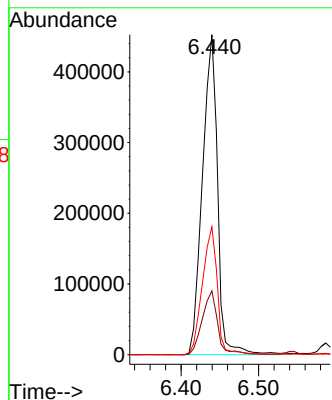
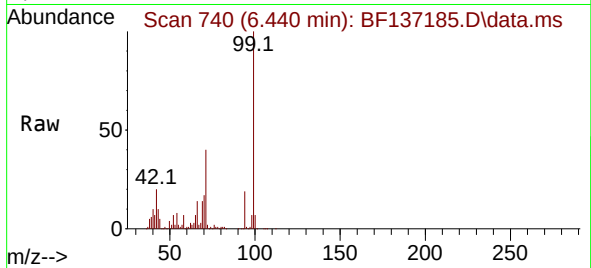




#7
Phenol-d6
Concen: 101.940 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF137185.D
Acq: 29 Jan 2024 11:03

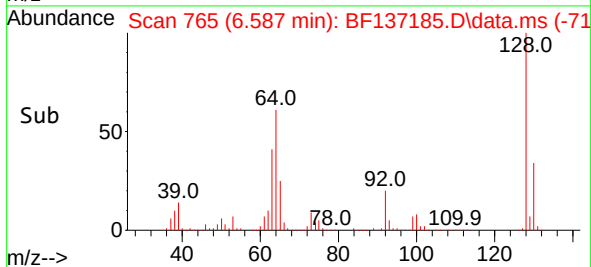
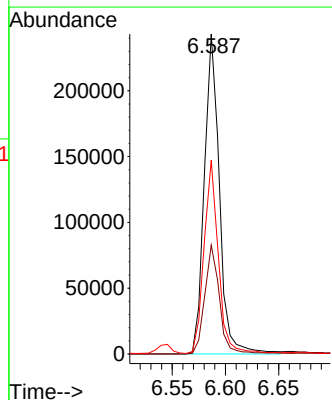
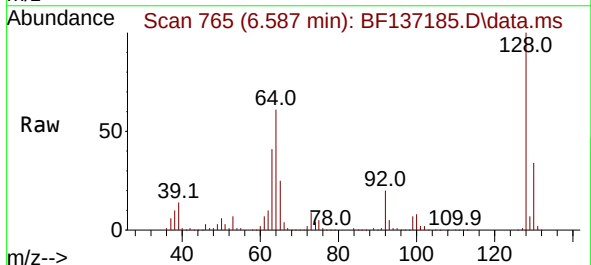
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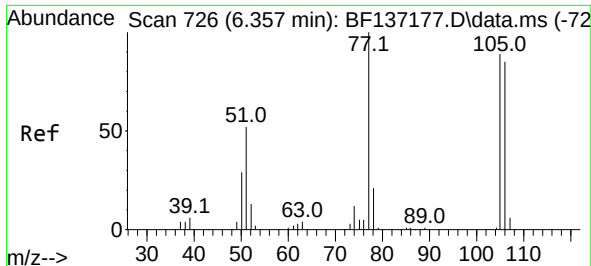
Tgt Ion: 99 Resp: 612305
Ion Ratio Lower Upper
99 100
42 19.9 16.6 25.0
71 40.0 31.8 47.6



#8
2-Chlorophenol
Concen: 49.598 ng
RT: 6.587 min Scan# 765
Delta R.T. 0.000 min
Lab File: BF137185.D
Acq: 29 Jan 2024 11:03

Tgt Ion: 128 Resp: 240563
Ion Ratio Lower Upper
128 100
130 34.0 13.3 53.3
64 60.6 38.0 78.0





#9

Benzaldehyde

Concen: 33.715 ng

RT: 6.351 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF137185.D

Acq: 29 Jan 2024 11:03

Instrument :

BNA_F

ClientSampleId :

PB158518BS

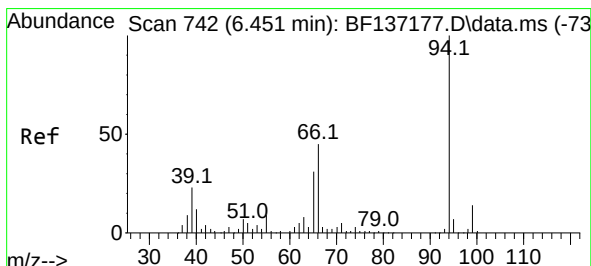
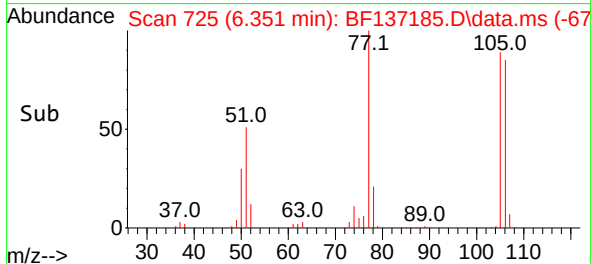
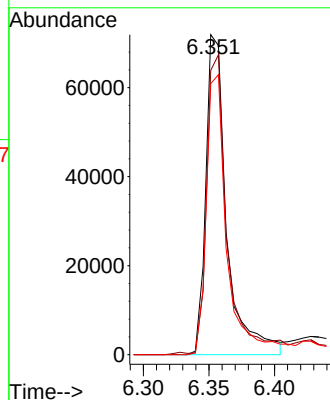
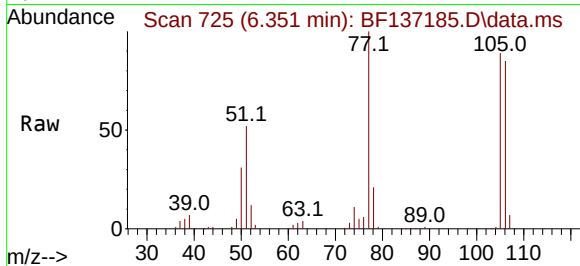
Tgt Ion: 77 Resp: 80227

Ion Ratio Lower Upper

77 100

105 88.9 69.5 109.5

106 84.7 64.7 104.7



#10

Phenol

Concen: 49.757 ng

RT: 6.451 min Scan# 742

Delta R.T. 0.000 min

Lab File: BF137185.D

Acq: 29 Jan 2024 11:03

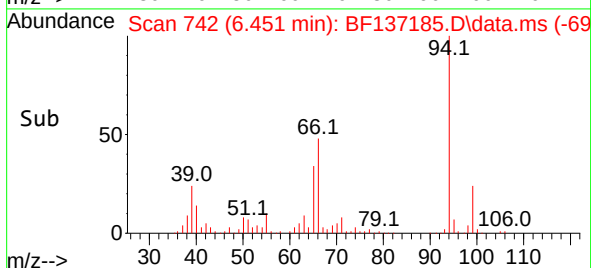
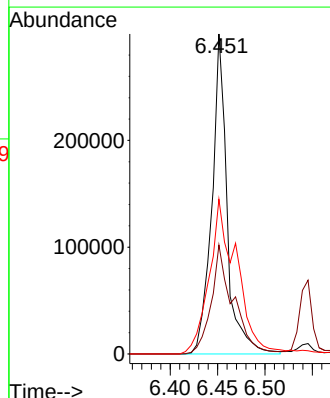
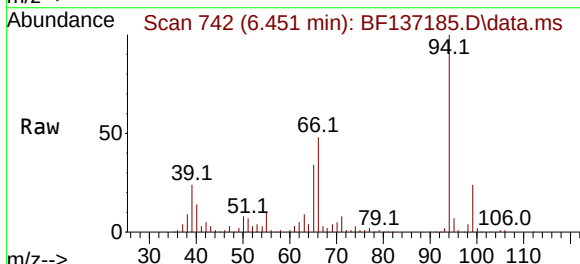
Tgt Ion: 94 Resp: 335518

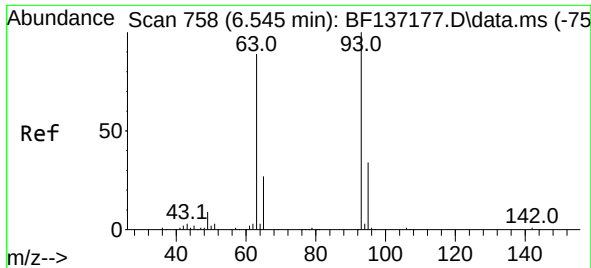
Ion Ratio Lower Upper

94 100

65 34.0 10.9 50.9

66 48.4 24.9 64.9

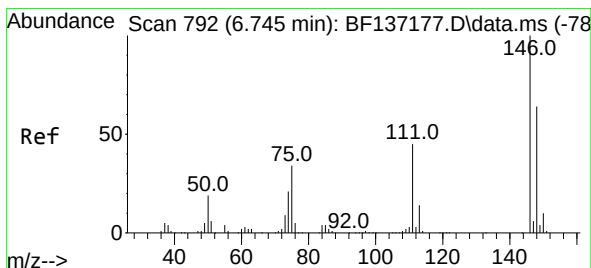
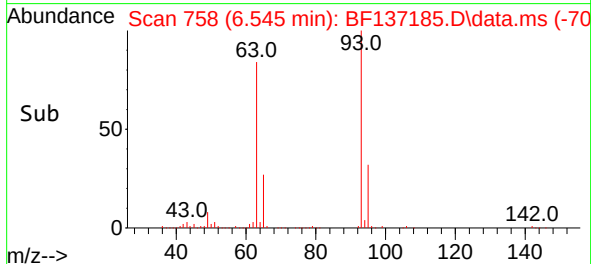
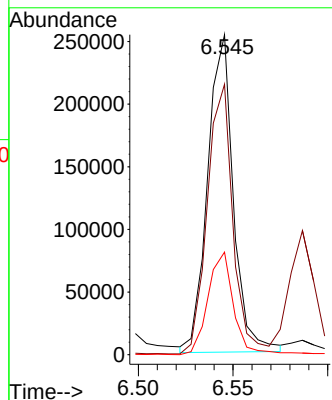
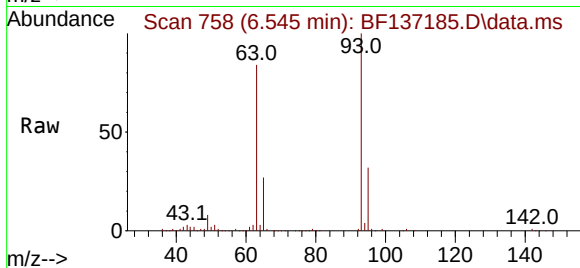




#11
bis(2-Chloroethyl)ether
Concen: 48.292 ng
RT: 6.545 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF137185.D
Acq: 29 Jan 2024 11:03

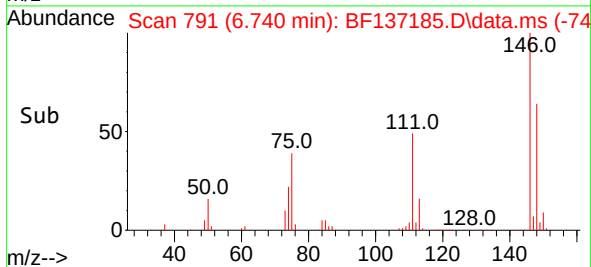
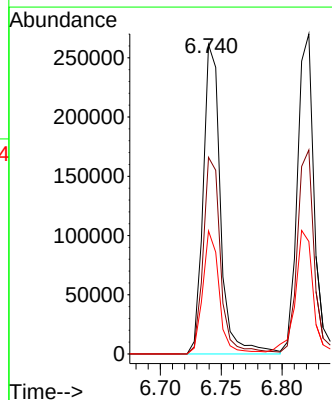
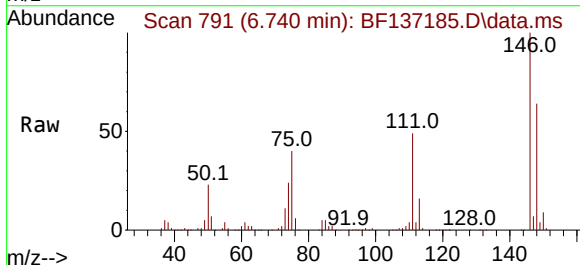
Instrument :
BNA_F
ClientSampleId :
PB158518BS

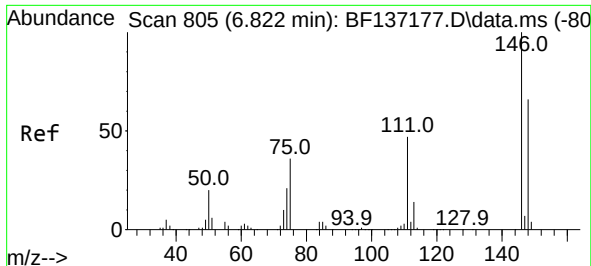
Tgt Ion: 93 Resp: 240211
Ion Ratio Lower Upper
93 100
63 84.5 66.7 106.7
95 32.0 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 45.016 ng
RT: 6.740 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF137185.D
Acq: 29 Jan 2024 11:03

Tgt Ion:146 Resp: 259087
Ion Ratio Lower Upper
146 100
148 63.6 51.0 76.4
75 39.8 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 45.313 ng

RT: 6.822 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF137185.D

Acq: 29 Jan 2024 11:03

Instrument :

BNA_F

ClientSampleId :

PB158518BS

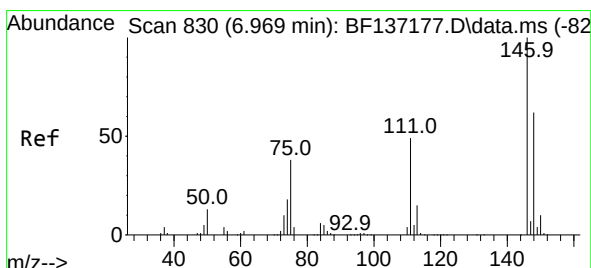
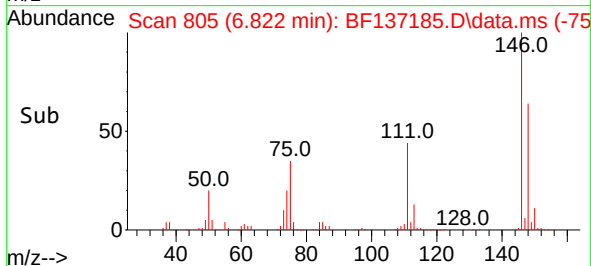
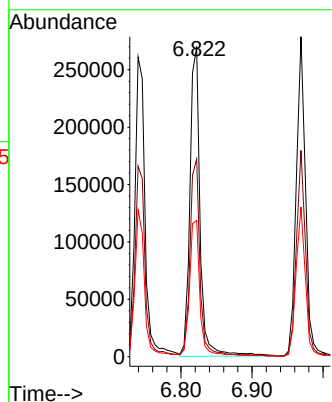
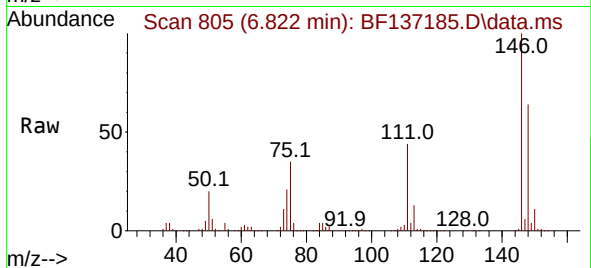
Tgt Ion:146 Resp: 268742

Ion Ratio Lower Upper

146 100

148 63.8 52.7 79.1

111 43.9 37.4 56.2



#14

1,2-Dichlorobenzene

Concen: 45.011 ng

RT: 6.969 min Scan# 830

Delta R.T. 0.000 min

Lab File: BF137185.D

Acq: 29 Jan 2024 11:03

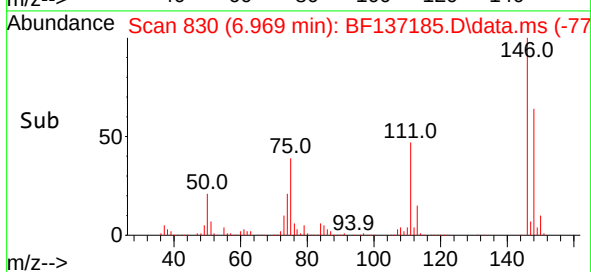
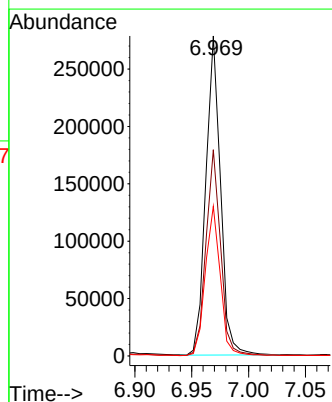
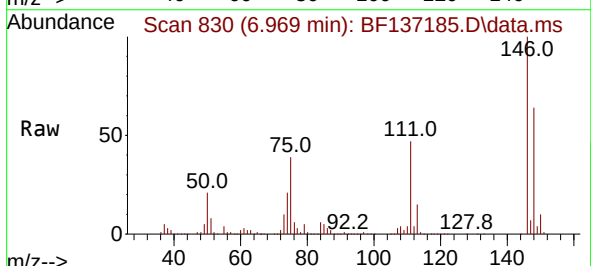
Tgt Ion:146 Resp: 250318

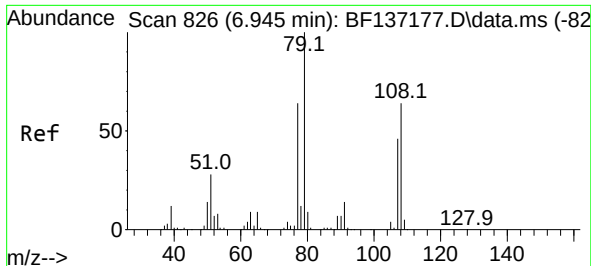
Ion Ratio Lower Upper

146 100

148 64.5 49.7 74.5

111 46.7 39.4 59.0

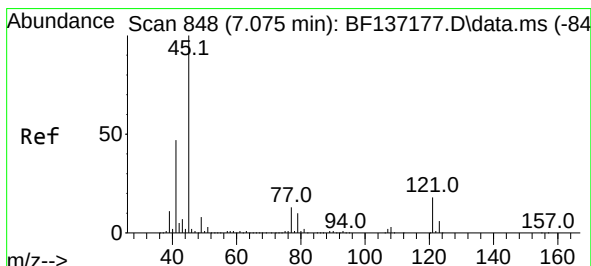
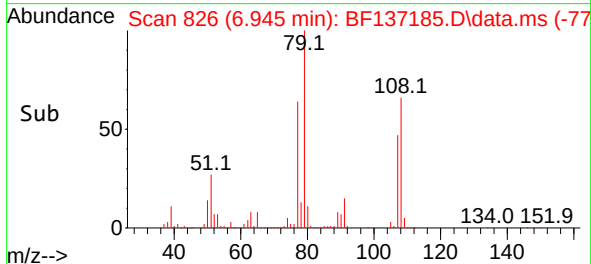
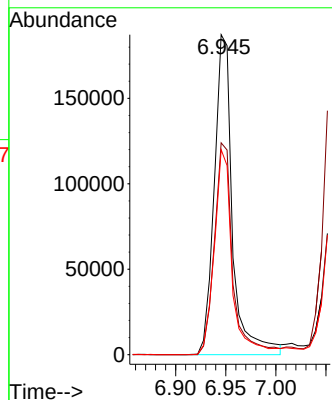
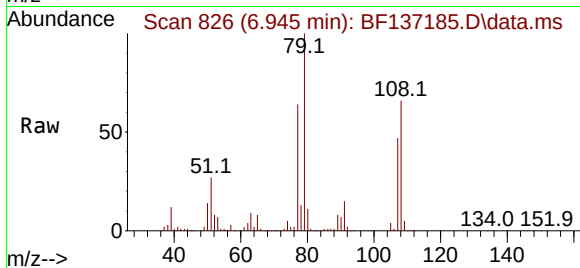




#15
Benzyl Alcohol
Concen: 51.977 ng
RT: 6.945 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137185.D
Acq: 29 Jan 2024 11:03

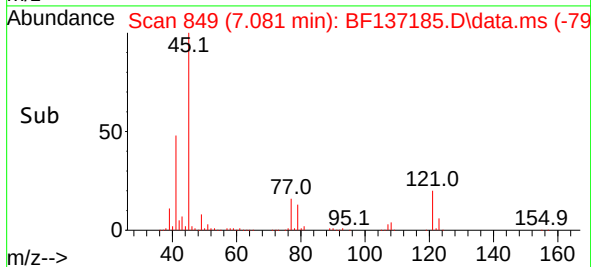
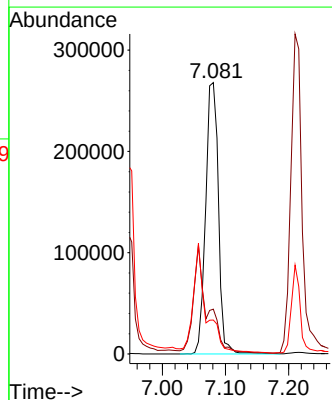
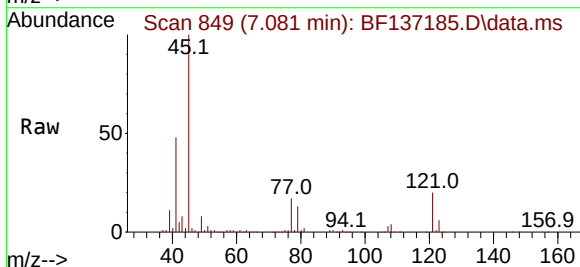
Instrument :
BNA_F
ClientSampleId :
PB158518BS

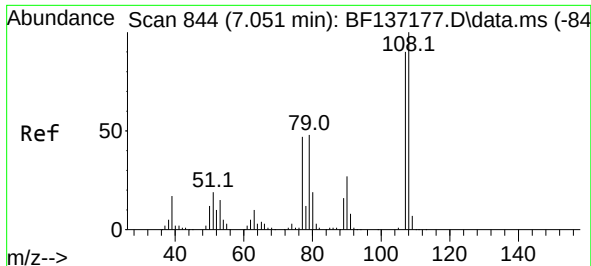
Tgt Ion: 79 Resp: 237115
Ion Ratio Lower Upper
79 100
108 66.2 51.1 76.7
77 64.0 51.2 76.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.099 ng
RT: 7.081 min Scan# 849
Delta R.T. 0.006 min
Lab File: BF137185.D
Acq: 29 Jan 2024 11:03

Tgt Ion: 45 Resp: 377662
Ion Ratio Lower Upper
45 100
77 16.5 0.0 34.3
79 12.5 0.0 30.8

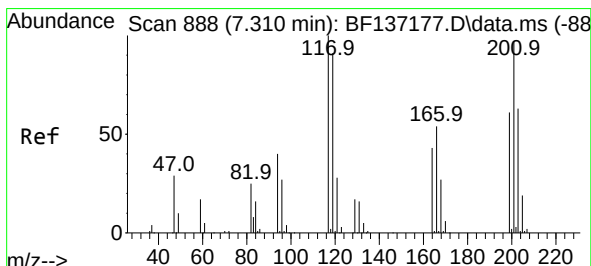
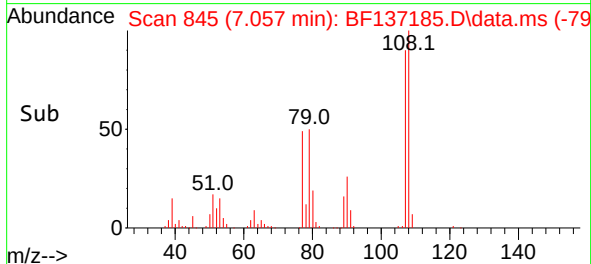
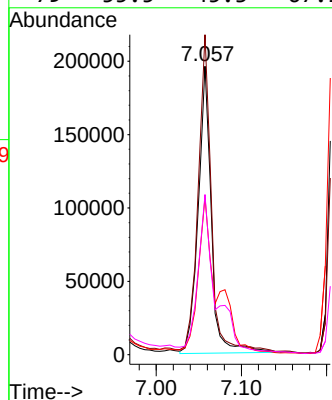
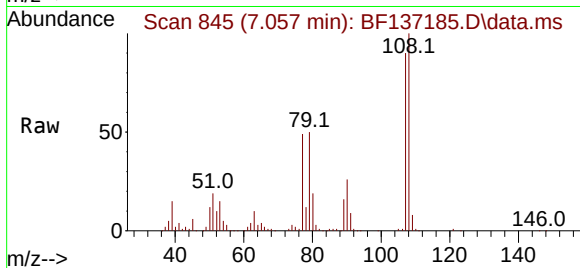




#17
2-Methylphenol
Concen: 50.656 ng
RT: 7.057 min Scan# 844
Delta R.T. 0.006 min
Lab File: BF137185.D
Acq: 29 Jan 2024 11:03

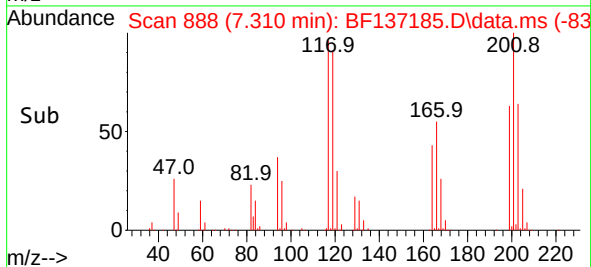
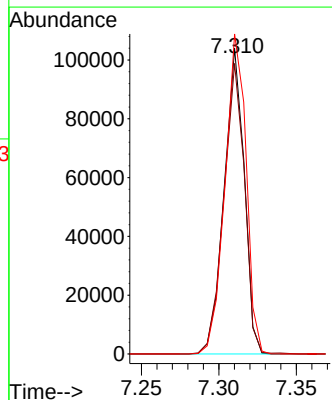
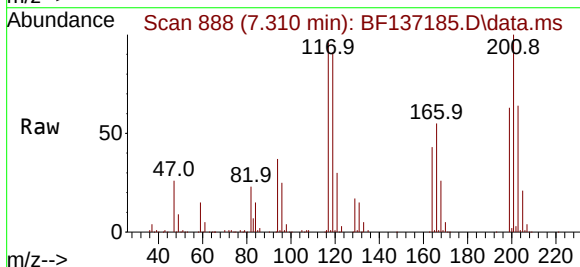
Instrument :
BNA_F
ClientSampleId :
PB158518BS

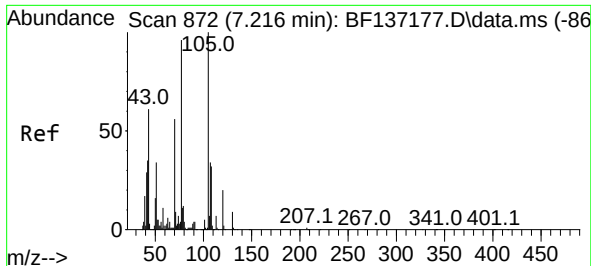
Tgt Ion:	107	Resp:	209778
Ion	Ratio	Lower	Upper
107	100		
108	110.9	89.6	134.4
77	54.5	43.3	64.9
79	55.5	45.3	67.9



#18
Hexachloroethane
Concen: 44.271 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF137185.D
Acq: 29 Jan 2024 11:03

Tgt Ion:	117	Resp:	93805
Ion	Ratio	Lower	Upper
117	100		
119	95.0	72.6	109.0
201	104.7	77.6	116.4



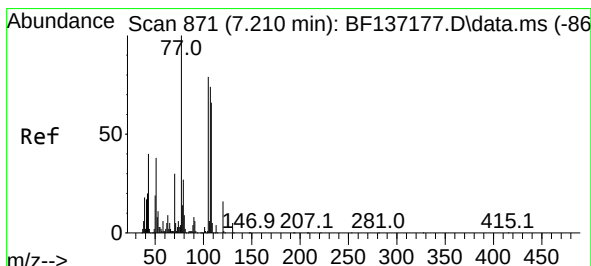
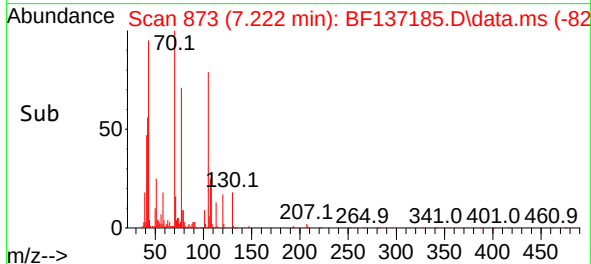
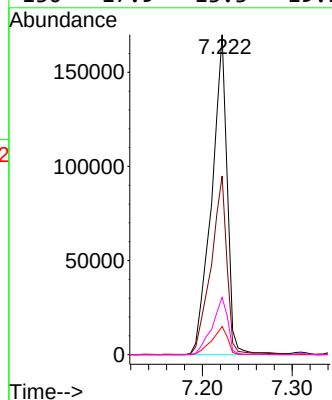
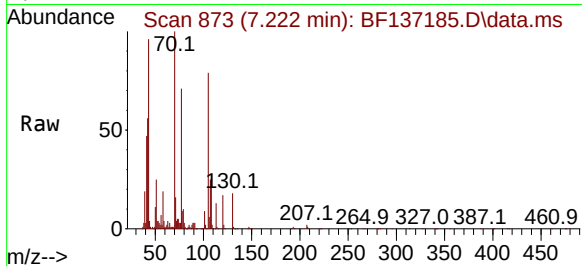


#19
n-Nitroso-di-n-propylamine
Concen: 47.236 ng
RT: 7.222 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF137185.D
Acq: 29 Jan 2024 11:03

Instrument :
BNA_F
ClientSampleId :
PB158518BS

Tgt Ion: 70 Resp: 205345

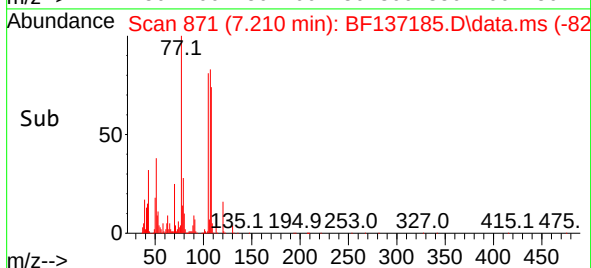
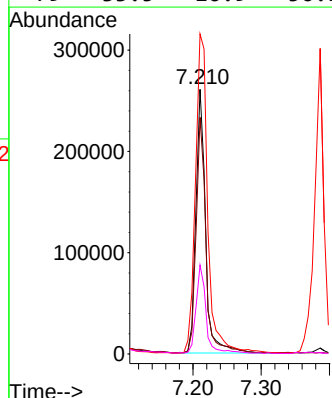
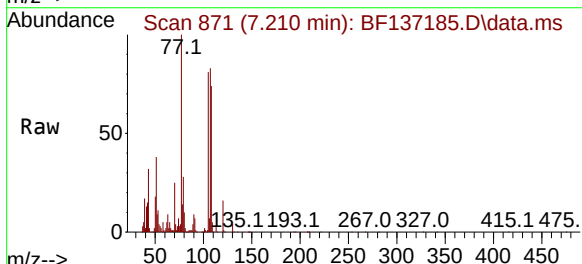
Ion	Ratio	Lower	Upper
70	100		
42	55.9	50.6	75.8
101	8.8	7.1	10.7
130	17.9	13.3	19.9

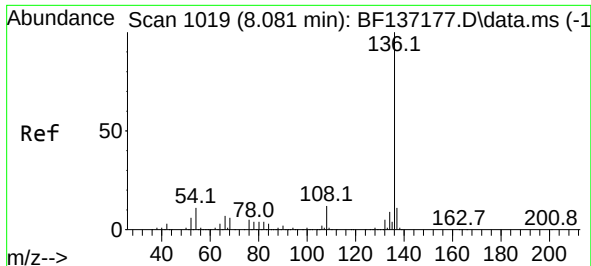


#20
3+4-Methylphenols
Concen: 50.632 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF137185.D
Acq: 29 Jan 2024 11:03

Tgt Ion: 107 Resp: 256559

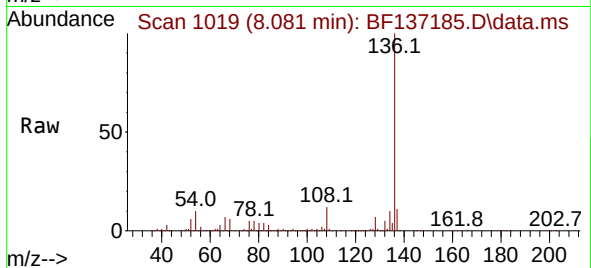
Ion	Ratio	Lower	Upper
107	100		
108	89.4	70.0	110.0
77	120.9	114.7	154.7
79	33.5	16.9	56.9





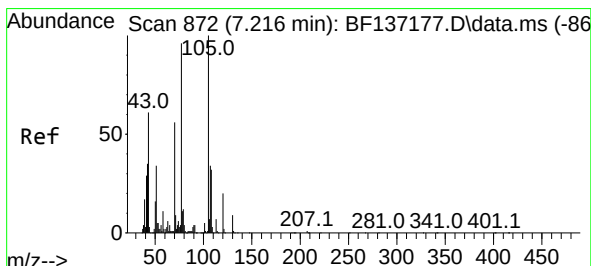
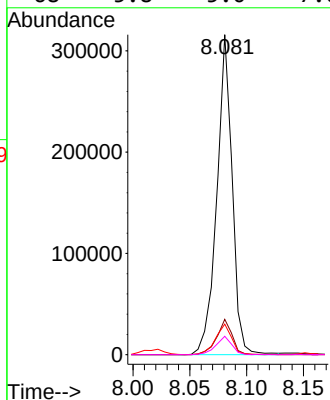
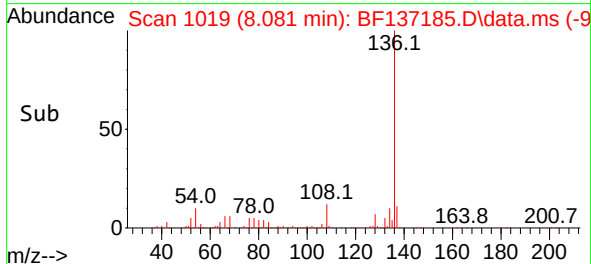
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF137185.D
Acq: 29 Jan 2024 11:03

Instrument :
BNA_F
ClientSampleId :
PB158518BS

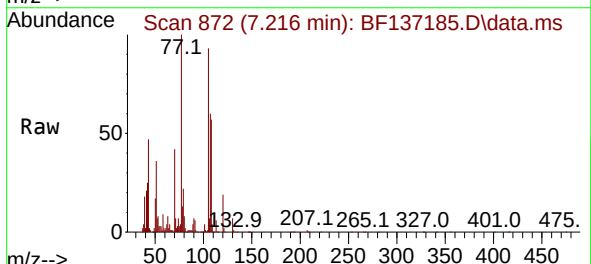


Tgt Ion:136 Resp: 298576

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	9.6	8.7	13.1
68	5.8	5.0	7.6

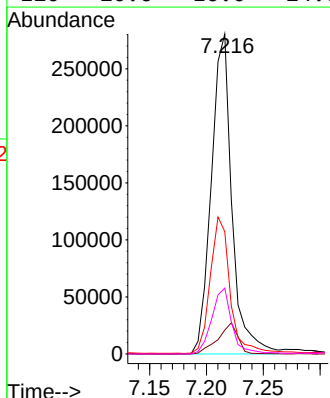
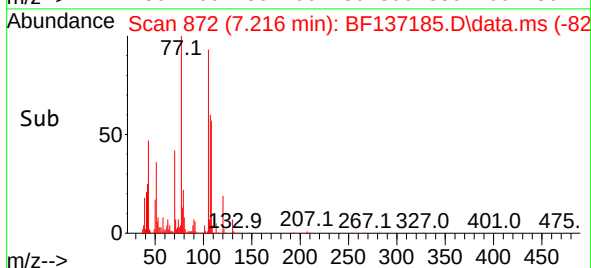


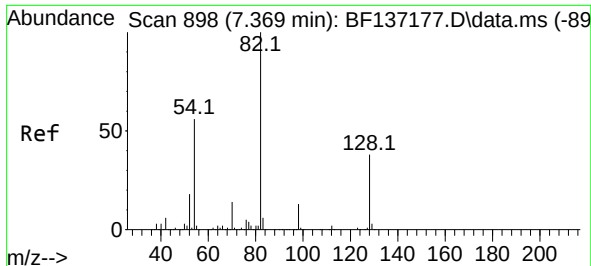
#22
Acetophenone
Concen: 45.237 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF137185.D
Acq: 29 Jan 2024 11:03



Tgt Ion:105 Resp: 354088

Ion	Ratio	Lower	Upper
105	100		
71	7.4	7.0	10.6
51	38.2	27.8	41.6
120	20.6	16.0	24.0

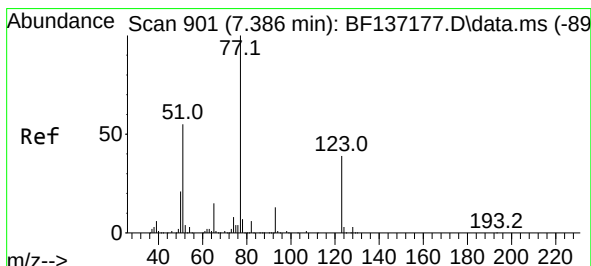
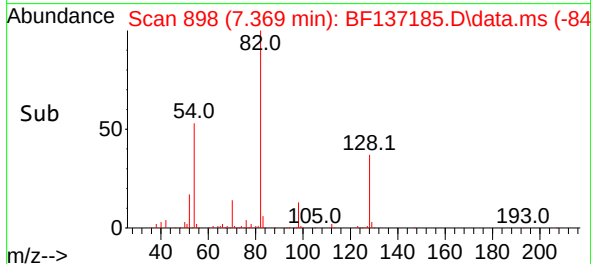
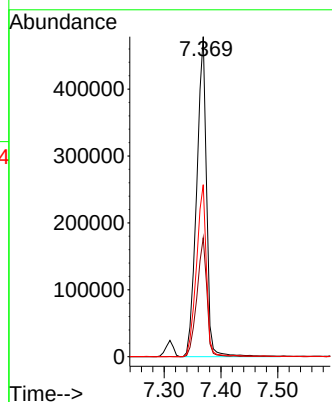
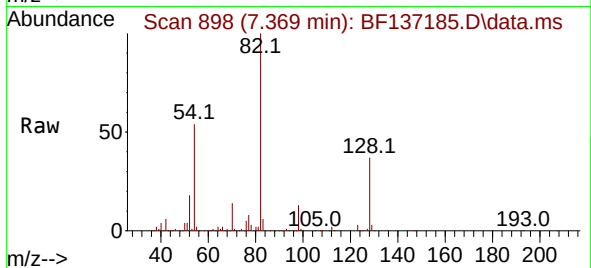




#23
Nitrobenzene-d5
Concen: 88.930 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.000 min
Lab File: BF137185.D
Acq: 29 Jan 2024 11:03

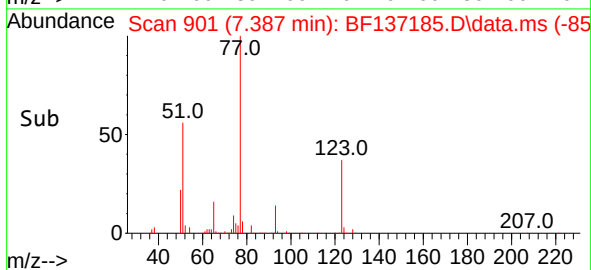
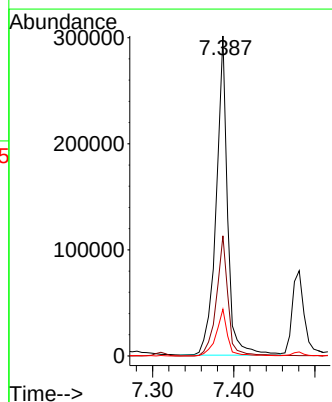
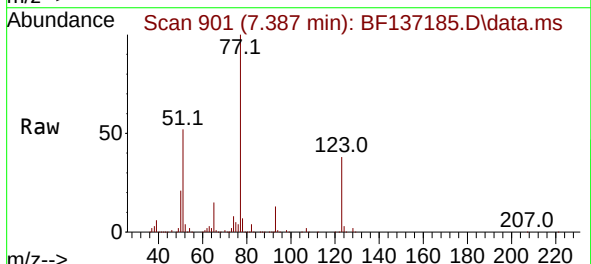
Instrument :
BNA_F
ClientSampleId :
PB158518BS

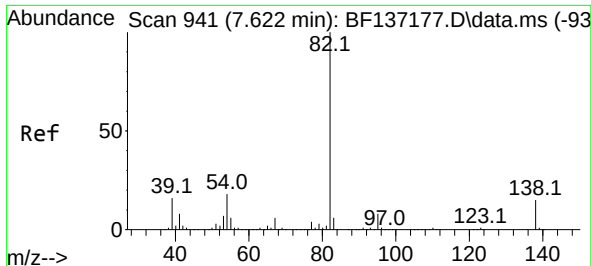
Tgt Ion: 82 Resp: 585309
Ion Ratio Lower Upper
82 100
128 37.1 30.3 45.5
54 53.8 44.9 67.3



#24
Nitrobenzene
Concen: 46.605 ng
RT: 7.387 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF137185.D
Acq: 29 Jan 2024 11:03

Tgt Ion: 77 Resp: 292860
Ion Ratio Lower Upper
77 100
123 37.5 31.2 46.8
65 14.6 11.7 17.5

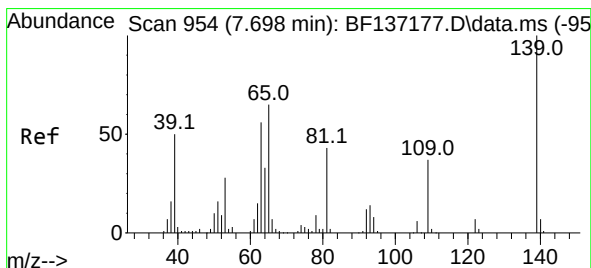
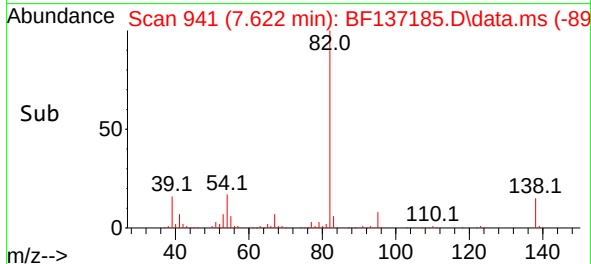
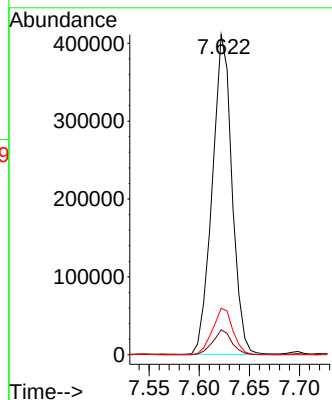
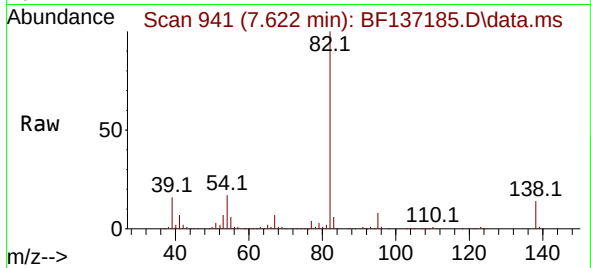




#25
Isophorone
Concen: 45.700 ng
RT: 7.622 min Scan# 941
Delta R.T. 0.000 min
Lab File: BF137185.D
Acq: 29 Jan 2024 11:03

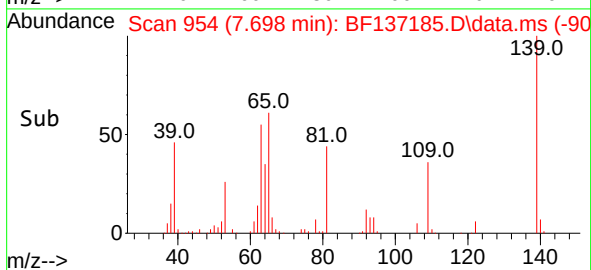
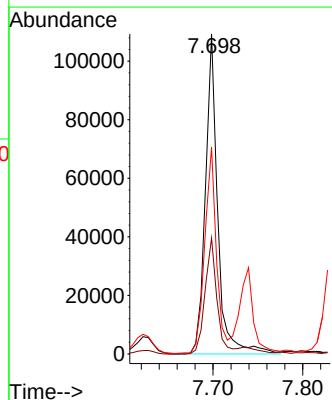
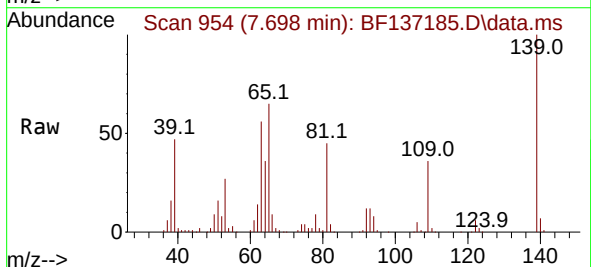
Instrument :
BNA_F
ClientSampleId :
PB158518BS

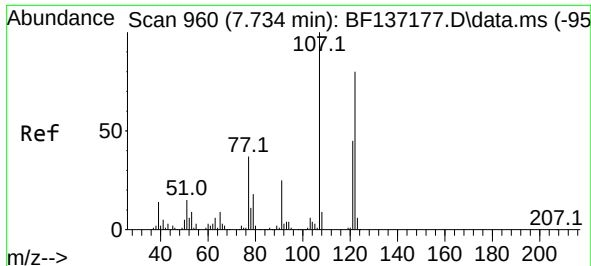
Tgt Ion: 82 Resp: 562295
Ion Ratio Lower Upper
82 100
95 7.8 6.2 9.2
138 14.5 11.6 17.4



#26
2-Nitrophenol
Concen: 44.196 ng
RT: 7.698 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF137185.D
Acq: 29 Jan 2024 11:03

Tgt Ion:139 Resp: 104380
Ion Ratio Lower Upper
139 100
109 36.3 29.9 44.9
65 64.5 52.4 78.6





#27

2,4-Dimethylphenol

Concen: 61.614 ng

RT: 7.739 min Scan# 9

Delta R.T. 0.006 min

Lab File: BF137185.D

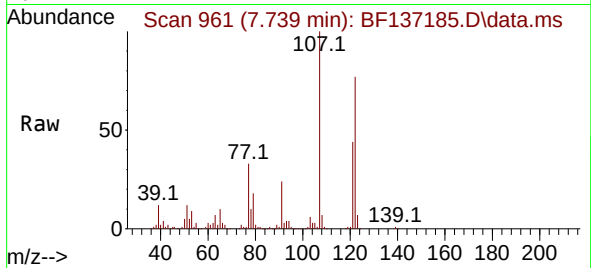
Acq: 29 Jan 2024 11:03

Instrument :

BNA_F

ClientSampleId :

PB158518BS



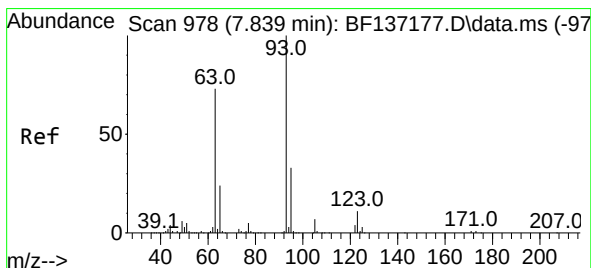
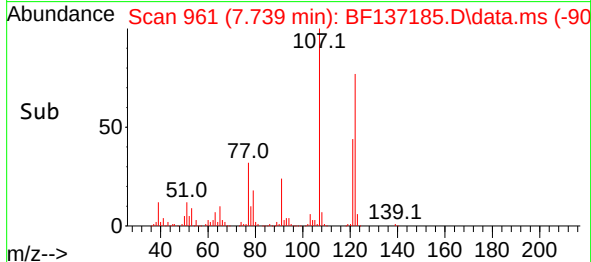
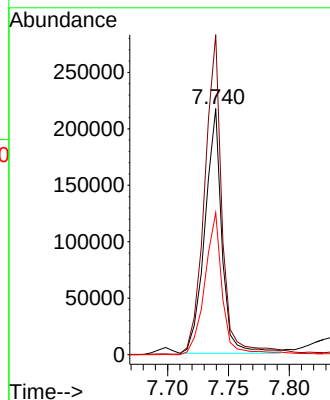
Tgt Ion:122 Resp: 210842

Ion Ratio Lower Upper

122 100

107 130.0 99.6 149.4

121 57.7 44.8 67.2



#28

bis(2-Chloroethoxy)methane

Concen: 47.820 ng

RT: 7.840 min Scan# 978

Delta R.T. 0.000 min

Lab File: BF137185.D

Acq: 29 Jan 2024 11:03

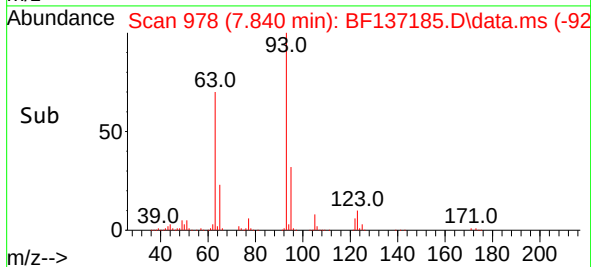
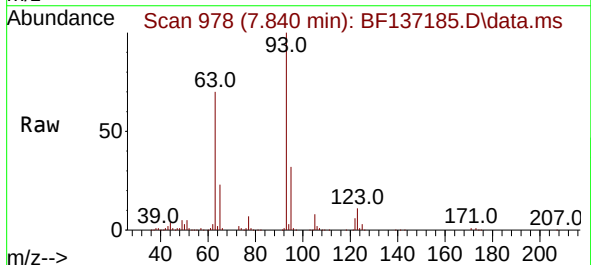
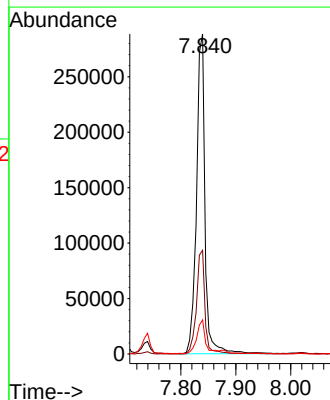
Tgt Ion: 93 Resp: 309954

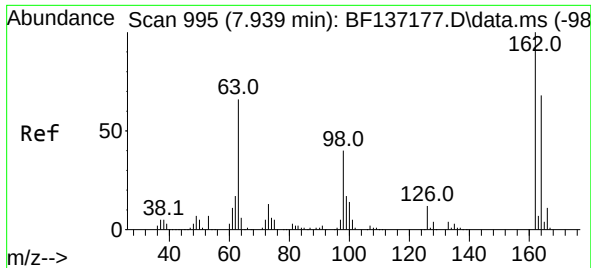
Ion Ratio Lower Upper

93 100

95 32.4 26.2 39.4

123 10.7 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 51.741 ng

RT: 7.939 min Scan# 995

Delta R.T. 0.000 min

Lab File: BF137185.D

Acq: 29 Jan 2024 11:03

Instrument :

BNA_F

ClientSampleId :

PB158518BS

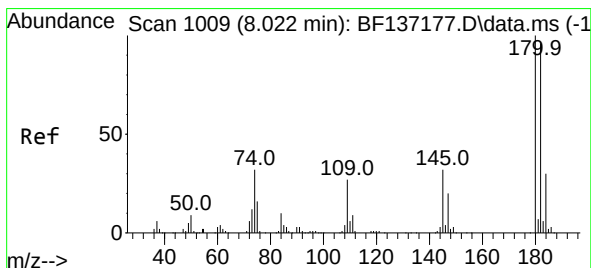
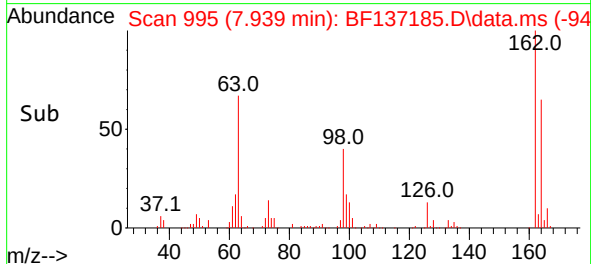
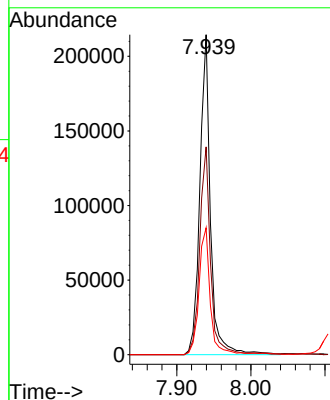
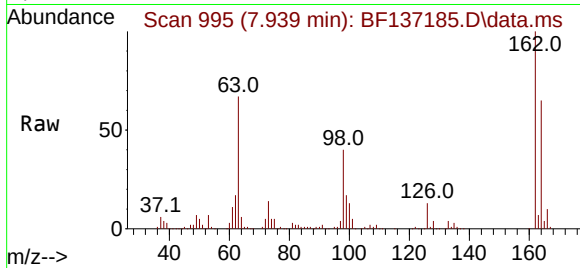
Tgt Ion:162 Resp: 213128

Ion Ratio Lower Upper

162 100

164 65.0 47.5 87.5

98 39.7 19.8 59.8



#30

1,2,4-Trichlorobenzene

Concen: 45.057 ng

RT: 8.022 min Scan# 1009

Delta R.T. 0.000 min

Lab File: BF137185.D

Acq: 29 Jan 2024 11:03

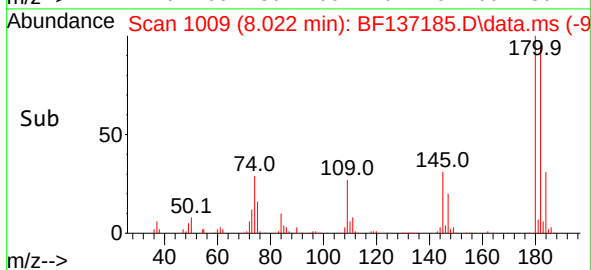
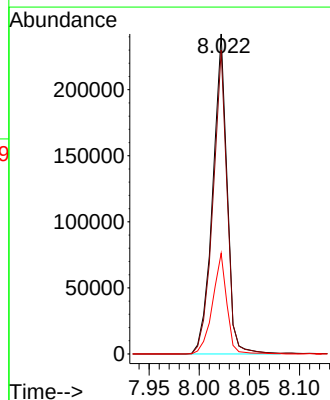
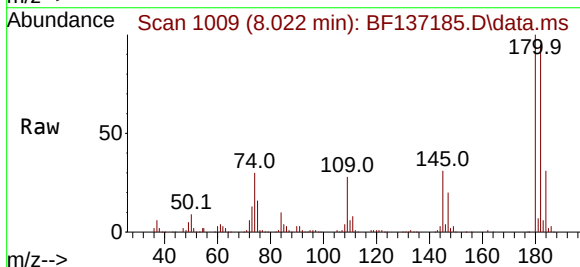
Tgt Ion:180 Resp: 241881

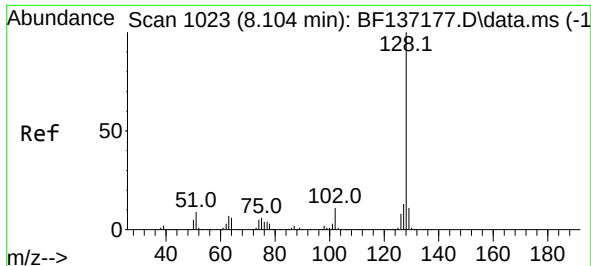
Ion Ratio Lower Upper

180 100

182 95.0 76.7 115.1

145 31.5 25.8 38.6

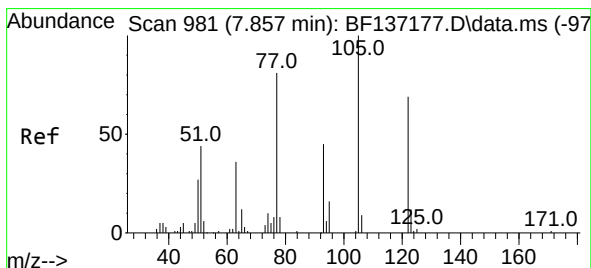
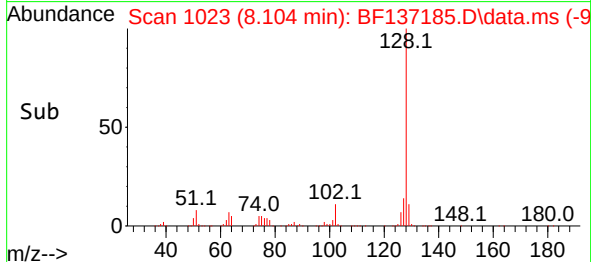
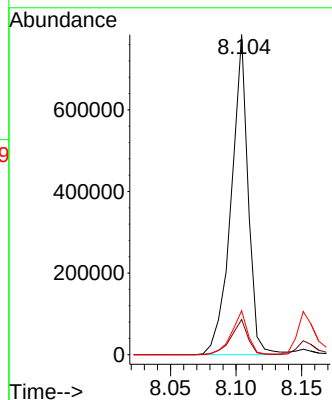
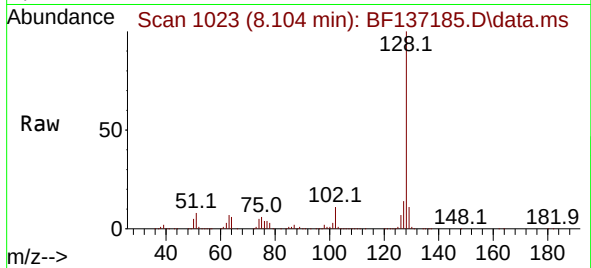




#31
Naphthalene
Concen: 44.478 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF137185.D
Acq: 29 Jan 2024 11:03

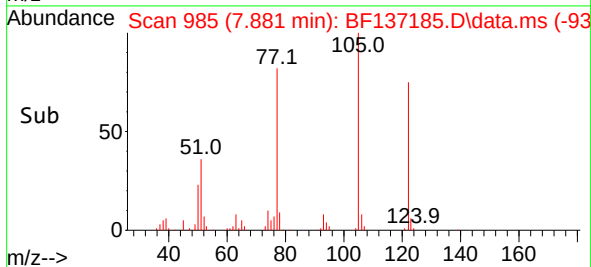
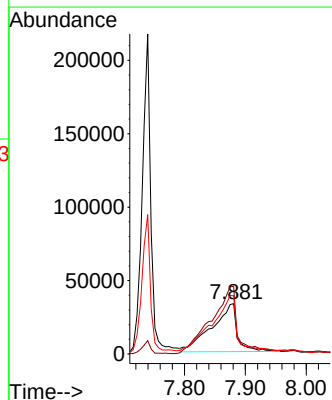
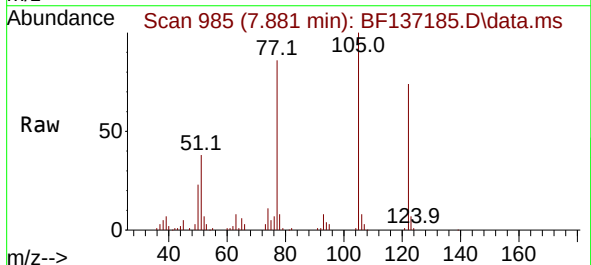
Instrument :
BNA_F
ClientSampleId :
PB158518BS

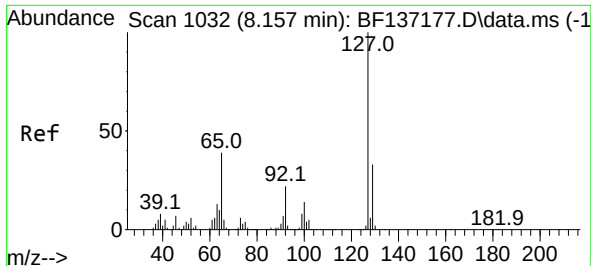
Tgt Ion:128 Resp: 703071
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.8 10.7 16.1



#32
Benzoic acid
Concen: 50.000 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.024 min
Lab File: BF137185.D
Acq: 29 Jan 2024 11:03

Tgt Ion:122 Resp: 95302
Ion Ratio Lower Upper
122 100
105 134.5 112.6 152.6
77 116.0 92.3 132.3





#33
4-Chloroaniline
Concen: 21.798 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF137185.D
Acq: 29 Jan 2024 11:03

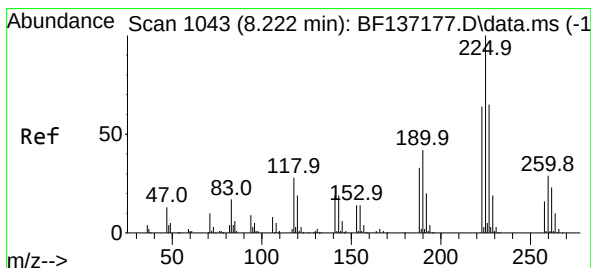
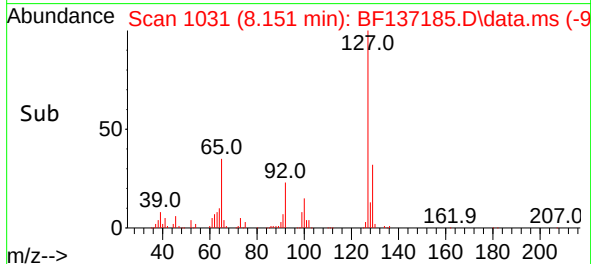
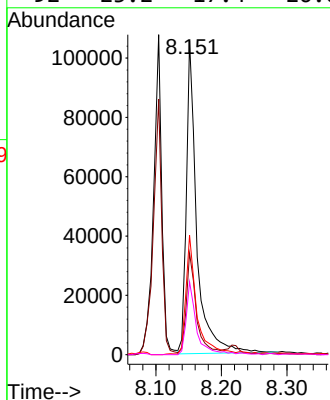
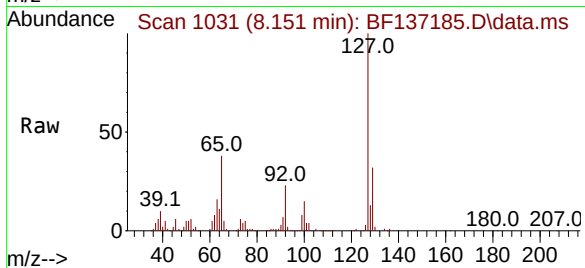
Instrument :

BNA_F

ClientSampleId :

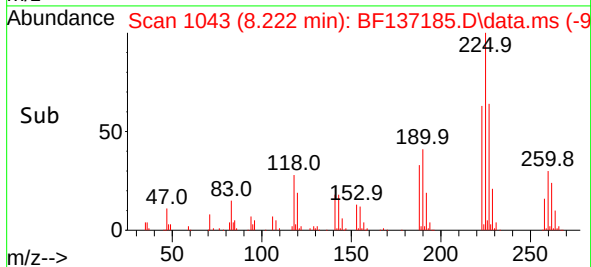
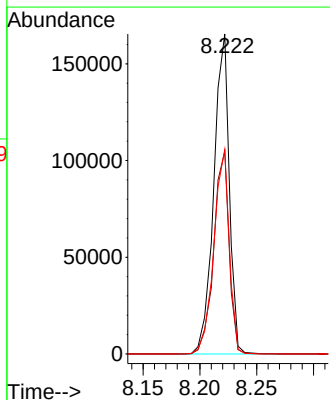
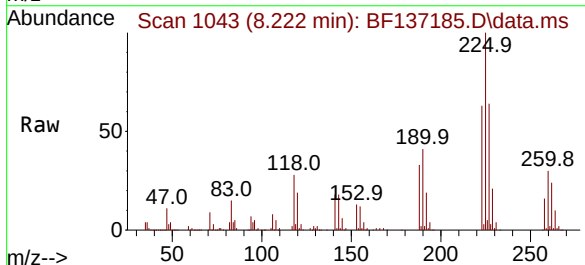
PB158518BS

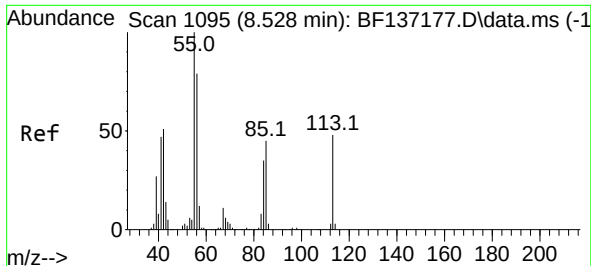
Tgt Ion:127 Resp: 115407
Ion Ratio Lower Upper
127 100
129 32.4 26.4 39.6
65 38.1 31.0 46.4
92 23.2 17.4 26.0



#34
Hexachlorobutadiene
Concen: 44.289 ng
RT: 8.222 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF137185.D
Acq: 29 Jan 2024 11:03

Tgt Ion:225 Resp: 156962
Ion Ratio Lower Upper
225 100
223 63.3 51.5 77.3
227 63.8 51.9 77.9

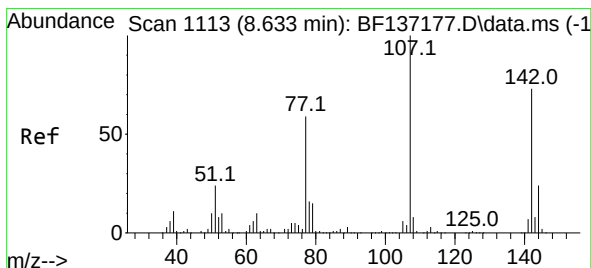
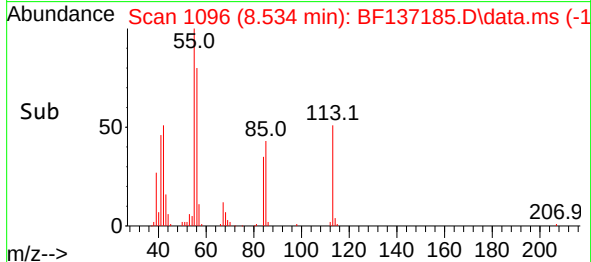
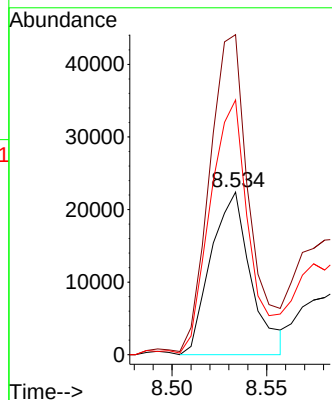
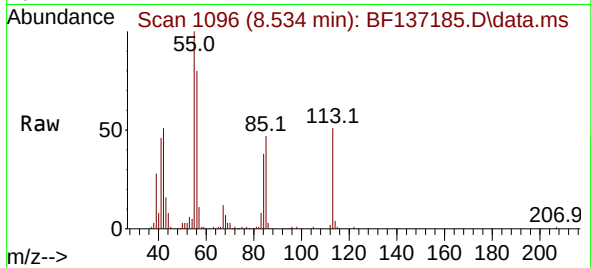




#35
 Caprolactam
 Concen: 24.131 ng
 RT: 8.534 min Scan# 1114
 Delta R.T. 0.006 min
 Lab File: BF137185.D
 Acq: 29 Jan 2024 11:03

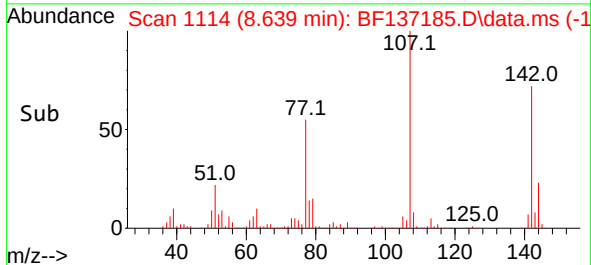
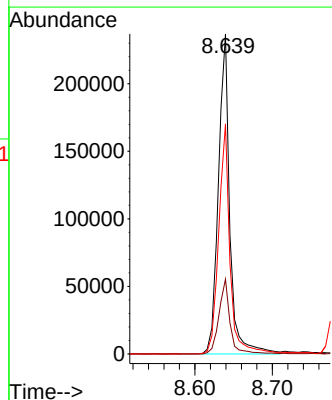
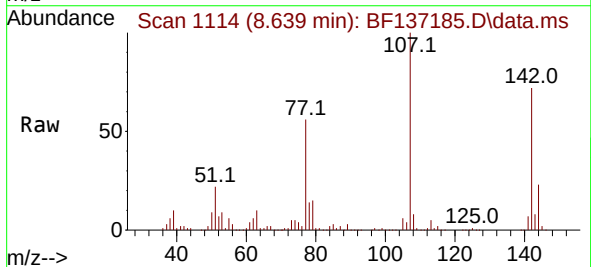
Instrument :
 BNA_F
 ClientSampleId :
 PB158518BS

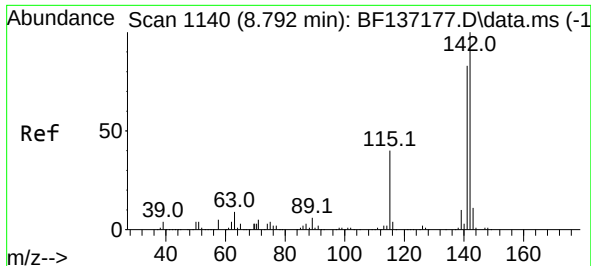
Tgt Ion:113 Resp: 32825
 Ion Ratio Lower Upper
 113 100
 55 196.9 186.6 226.6
 56 156.8 142.9 182.9



#36
 4-Chloro-3-methylphenol
 Concen: 48.316 ng
 RT: 8.639 min Scan# 1114
 Delta R.T. 0.006 min
 Lab File: BF137185.D
 Acq: 29 Jan 2024 11:03

Tgt Ion:107 Resp: 243745
 Ion Ratio Lower Upper
 107 100
 144 23.4 19.2 28.8
 142 71.9 58.2 87.4

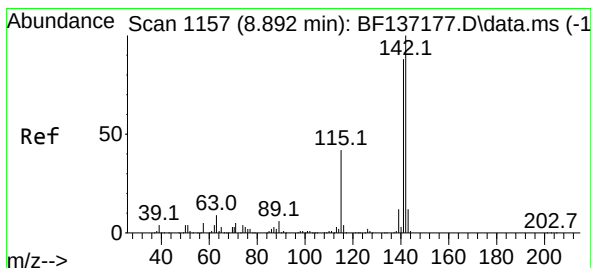
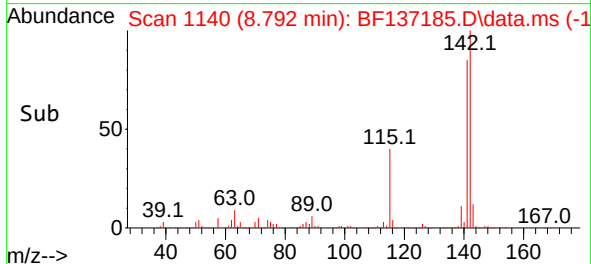
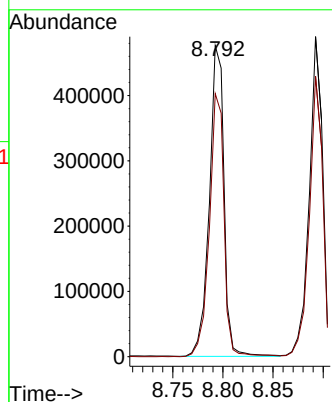
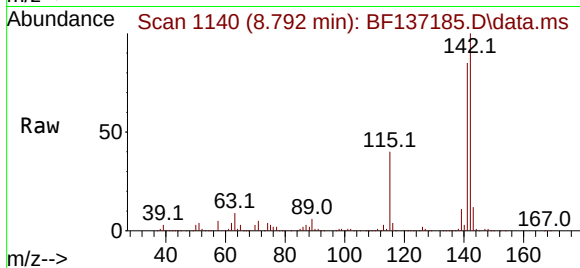




#37
2-Methylnaphthalene
Concen: 45.264 ng
RT: 8.792 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF137185.D
Acq: 29 Jan 2024 11:03

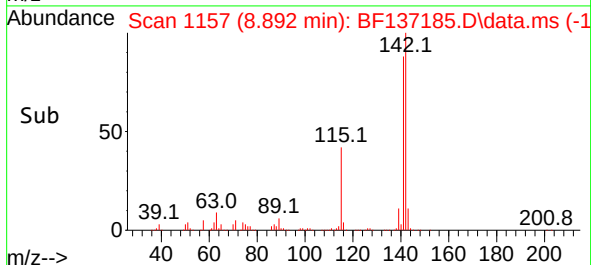
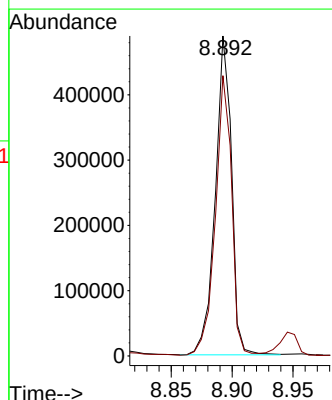
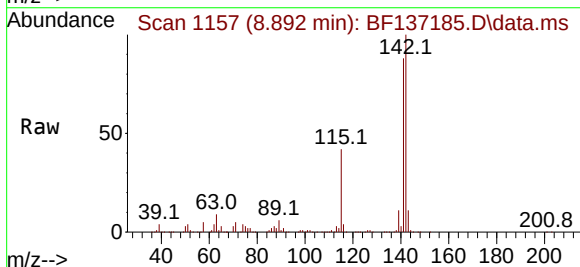
Instrument :
BNA_F
ClientSampleId :
PB158518BS

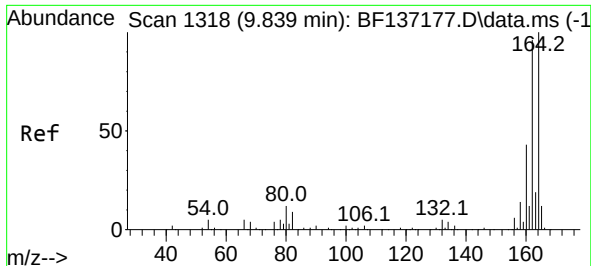
Tgt Ion:142 Resp: 486389
Ion Ratio Lower Upper
142 100
141 84.5 66.2 99.4



#38
1-Methylnaphthalene
Concen: 44.782 ng
RT: 8.892 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF137185.D
Acq: 29 Jan 2024 11:03

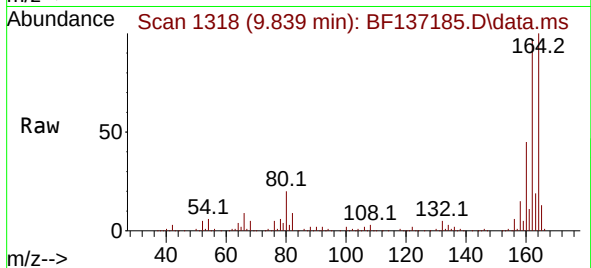
Tgt Ion:142 Resp: 451732
Ion Ratio Lower Upper
142 100
141 87.6 70.5 105.7



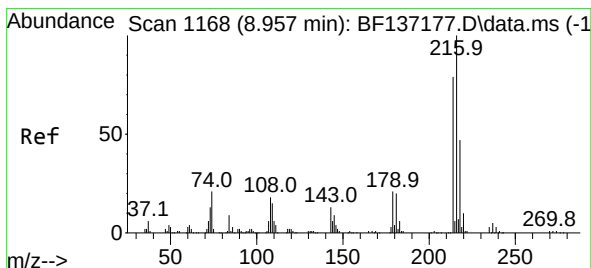
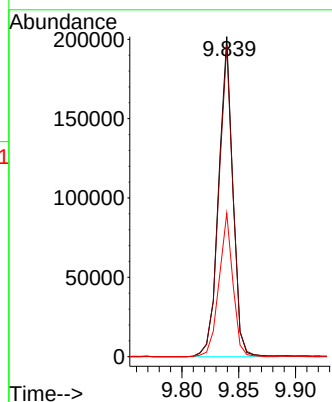
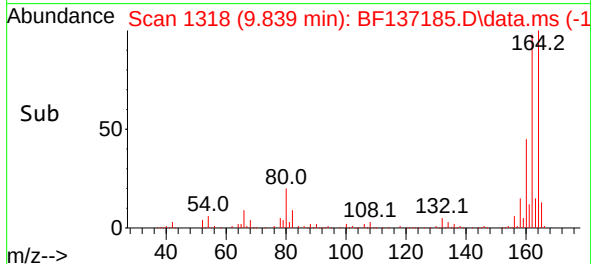


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1118
Delta R.T. 0.000 min
Lab File: BF137185.D
Acq: 29 Jan 2024 11:03

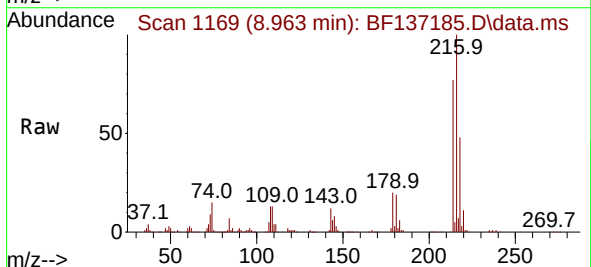
Instrument :
BNA_F
ClientSampleId :
PB158518BS



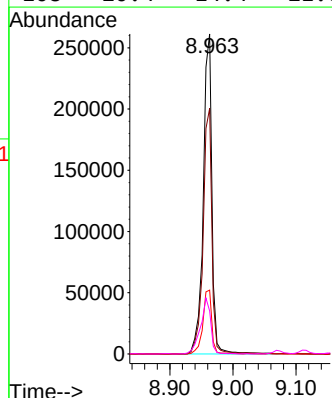
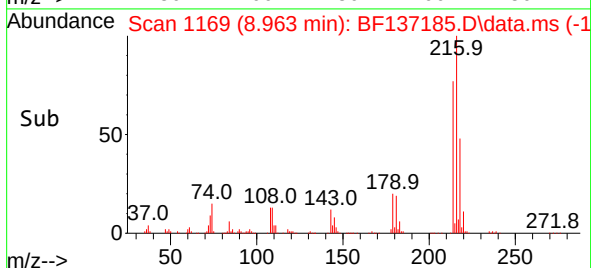
Tgt Ion:164 Resp: 175089
Ion Ratio Lower Upper
164 100
162 97.3 77.0 115.4
160 44.9 34.2 51.2

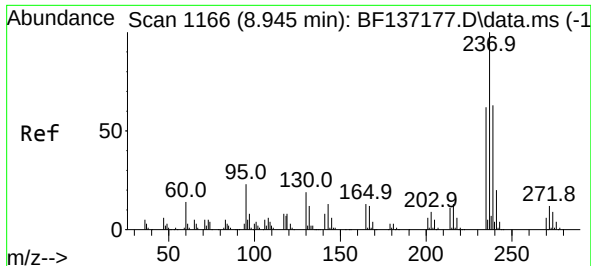


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.961 ng
RT: 8.963 min Scan# 1169
Delta R.T. 0.006 min
Lab File: BF137185.D
Acq: 29 Jan 2024 11:03



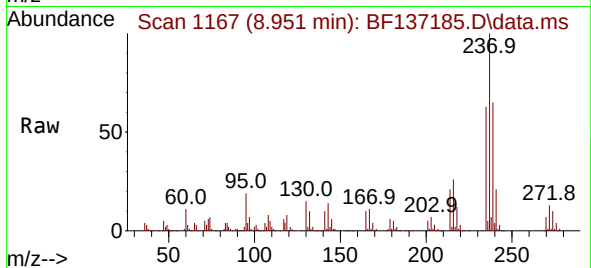
Tgt Ion:216 Resp: 249990
Ion Ratio Lower Upper
216 100
214 76.9 63.5 95.3
179 20.6 16.2 24.2
108 20.4 14.4 21.6



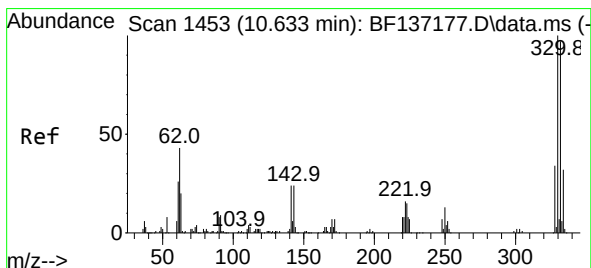
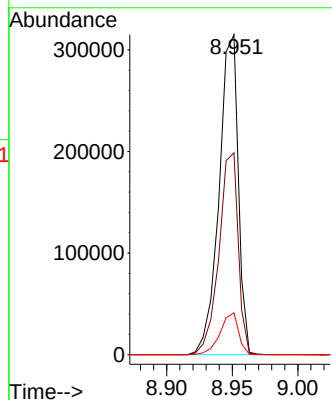
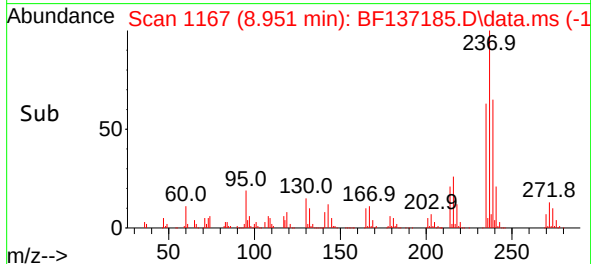


#41
Hexachlorocyclopentadiene
Concen: 116.753 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.006 min
Lab File: BF137185.D
Acq: 29 Jan 2024 11:03

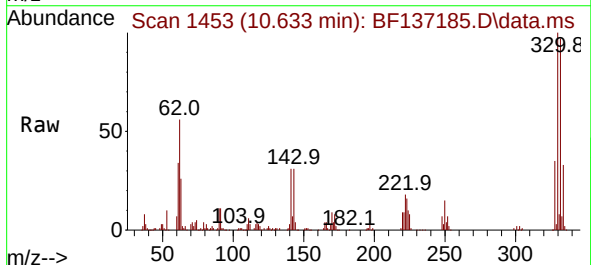
Instrument :
BNA_F
ClientSampleId :
PB158518BS



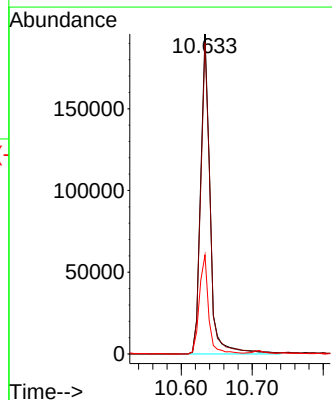
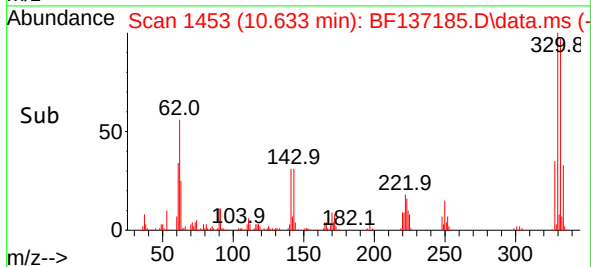
Tgt Ion:237 Resp: 320773
Ion Ratio Lower Upper
237 100
235 63.1 41.7 81.7
272 13.1 0.0 31.9

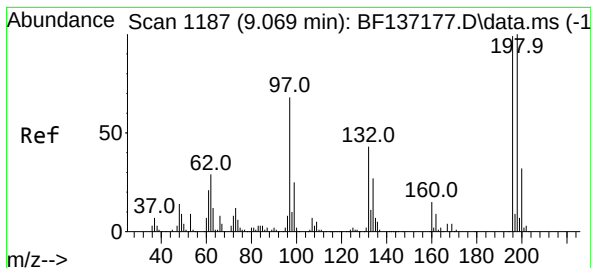


#42
2,4,6-Tribromophenol
Concen: 92.867 ng
RT: 10.633 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BF137185.D
Acq: 29 Jan 2024 11:03



Tgt Ion:330 Resp: 181666
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.4
141 30.4 23.7 35.5





#43

2,4,6-Trichlorophenol

Concen: 48.520 ng

RT: 9.075 min Scan# 1188

Delta R.T. 0.006 min

Lab File: BF137185.D

Acq: 29 Jan 2024 11:03

Instrument :

BNA_F

ClientSampleId :

PB158518BS

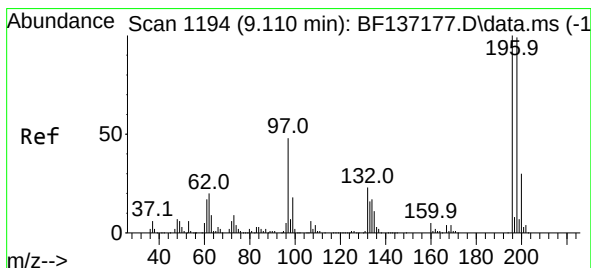
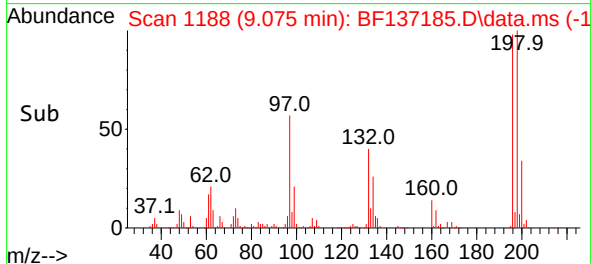
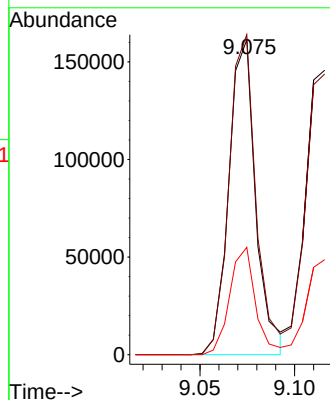
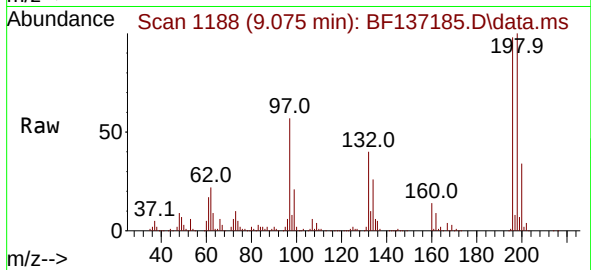
Tgt Ion:196 Resp: 159139

Ion Ratio Lower Upper

196 100

198 101.6 80.9 121.3

200 34.1 26.2 39.2



#44

2,4,5-Trichlorophenol

Concen: 49.032 ng

RT: 9.116 min Scan# 1195

Delta R.T. 0.006 min

Lab File: BF137185.D

Acq: 29 Jan 2024 11:03

Tgt Ion:196 Resp: 166317

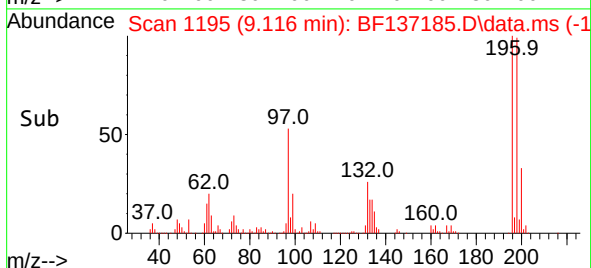
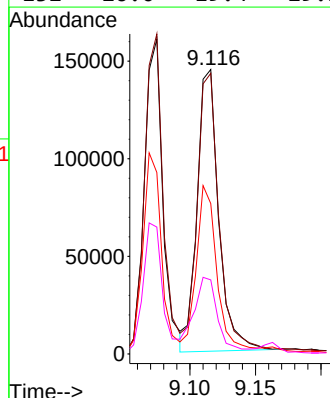
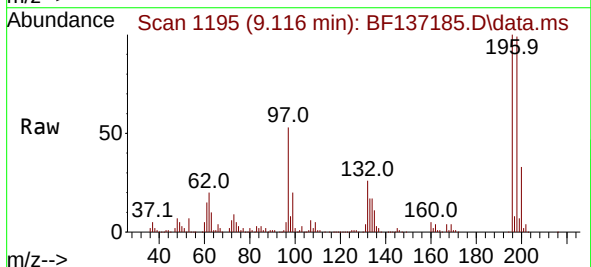
Ion Ratio Lower Upper

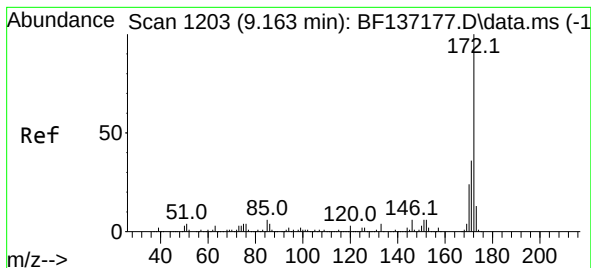
196 100

198 98.6 79.2 118.8

97 52.8 39.7 59.5

132 26.0 19.4 29.2





#45

2-Fluorobiphenyl

Concen: 84.572 ng

RT: 9.163 min Scan# 1203

Delta R.T. 0.000 min

Lab File: BF137185.D

Acq: 29 Jan 2024 11:03

Instrument :

BNA_F

ClientSampleId :

PB158518BS

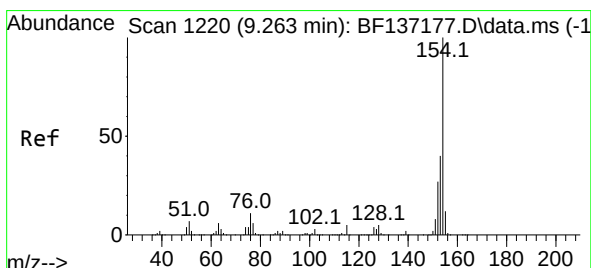
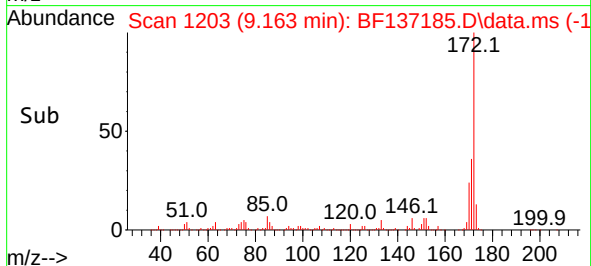
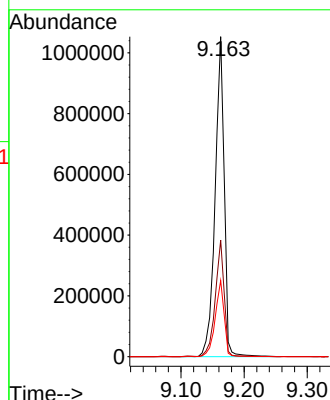
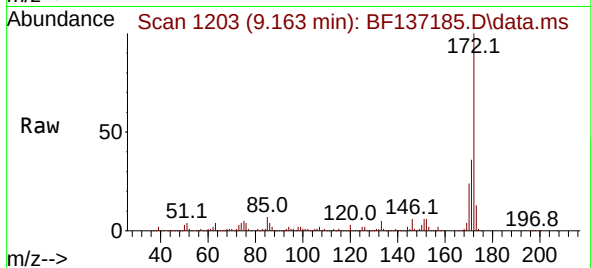
Tgt Ion:172 Resp: 1054681

Ion Ratio Lower Upper

172 100

171 36.5 28.7 43.1

170 23.8 19.2 28.8



#46

1,1'-Biphenyl

Concen: 44.222 ng

RT: 9.263 min Scan# 1220

Delta R.T. 0.000 min

Lab File: BF137185.D

Acq: 29 Jan 2024 11:03

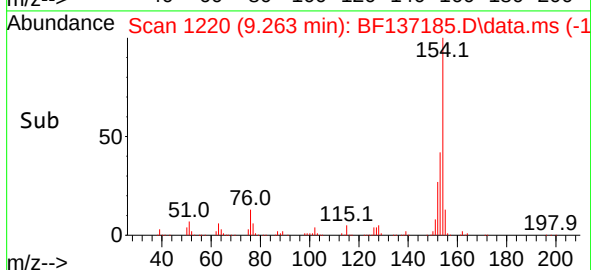
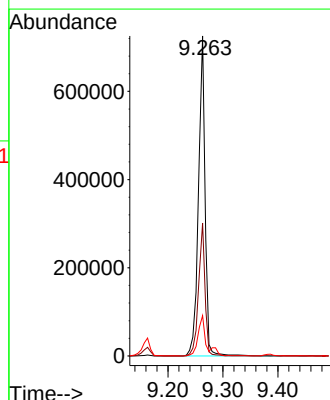
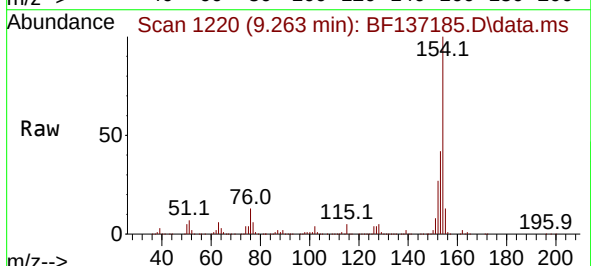
Tgt Ion:154 Resp: 609101

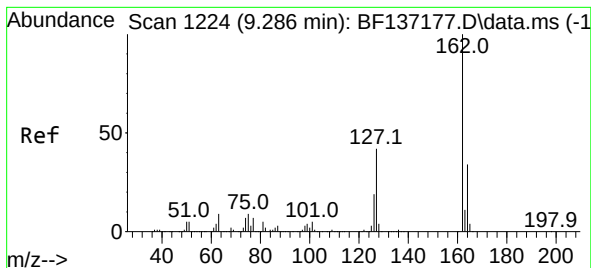
Ion Ratio Lower Upper

154 100

153 41.6 20.0 60.0

76 12.6 0.0 31.5





#47

2-Chloronaphthalene

Concen: 45.165 ng

RT: 9.286 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137185.D

Acq: 29 Jan 2024 11:03

Instrument :

BNA_F

ClientSampleId :

PB158518BS

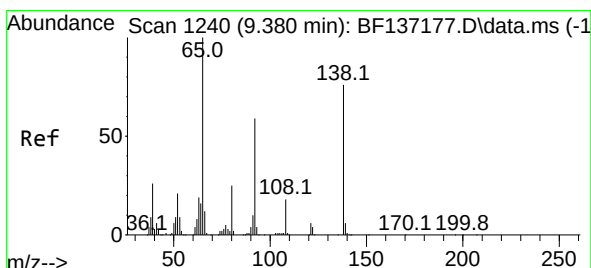
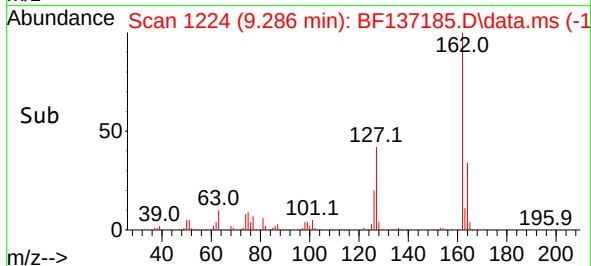
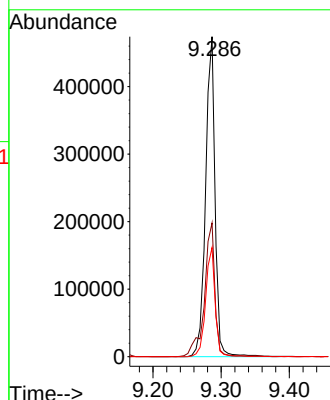
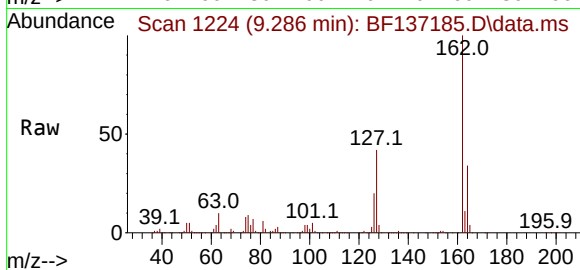
Tgt Ion:162 Resp: 459659

Ion Ratio Lower Upper

162 100

127 41.8 33.5 50.3

164 34.1 27.4 41.0



#48

2-Nitroaniline

Concen: 50.884 ng

RT: 9.386 min Scan# 1241

Delta R.T. 0.006 min

Lab File: BF137185.D

Acq: 29 Jan 2024 11:03

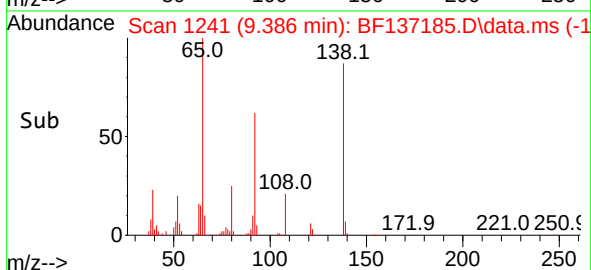
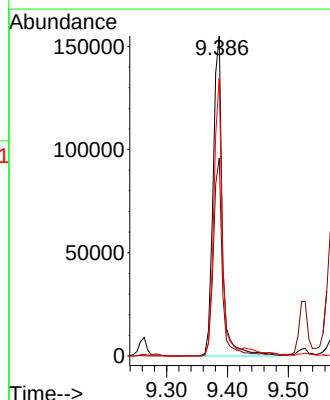
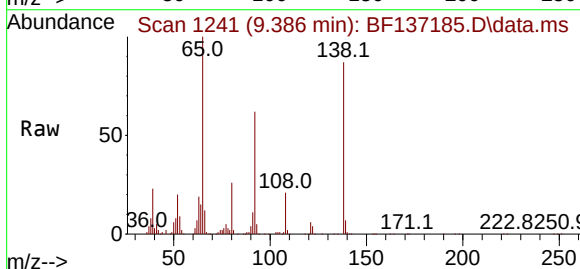
Tgt Ion: 65 Resp: 164044

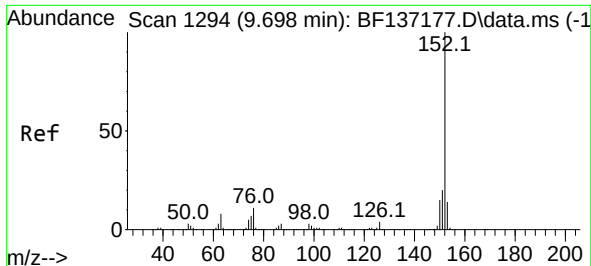
Ion Ratio Lower Upper

65 100

92 61.9 47.6 71.4

138 86.8 61.0 91.4

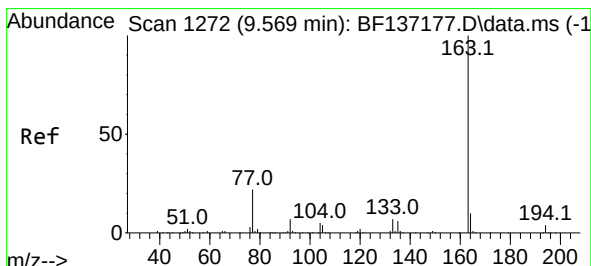
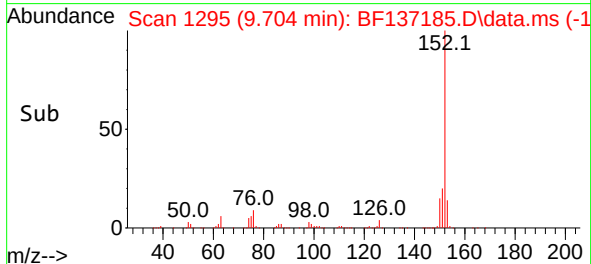
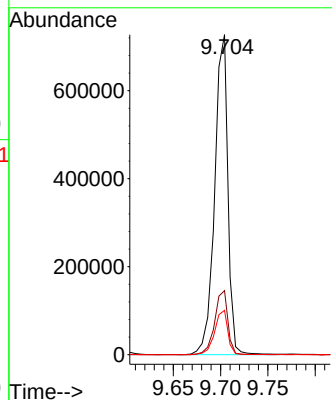
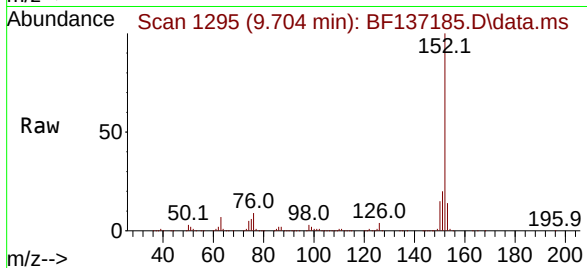




#49
Acenaphthylene
Concen: 42.786 ng
RT: 9.704 min Scan# 1294
Delta R.T. 0.006 min
Lab File: BF137185.D
Acq: 29 Jan 2024 11:03

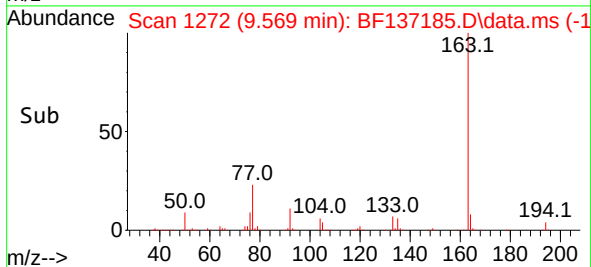
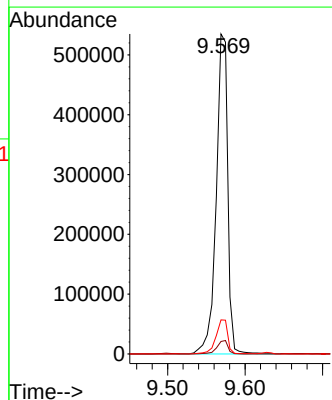
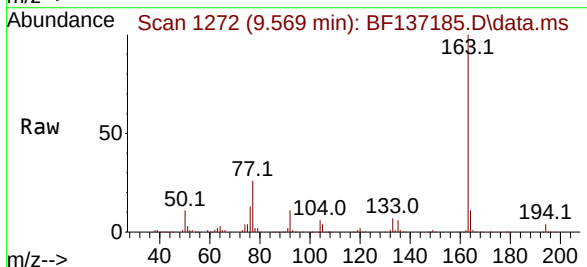
Instrument :
BNA_F
ClientSampleId :
PB158518BS

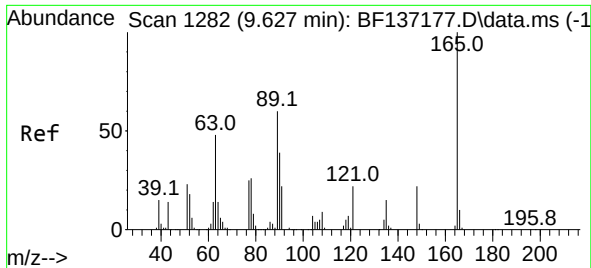
Tgt Ion:152 Resp: 704093
Ion Ratio Lower Upper
152 100
151 20.0 16.3 24.5
153 13.8 11.1 16.7



#50
Dimethylphthalate
Concen: 45.783 ng
RT: 9.569 min Scan# 1272
Delta R.T. 0.000 min
Lab File: BF137185.D
Acq: 29 Jan 2024 11:03

Tgt Ion:163 Resp: 557198
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 10.7 8.3 12.5

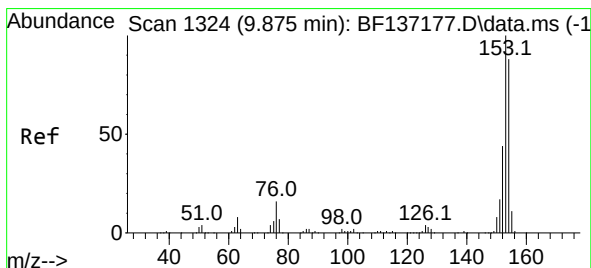
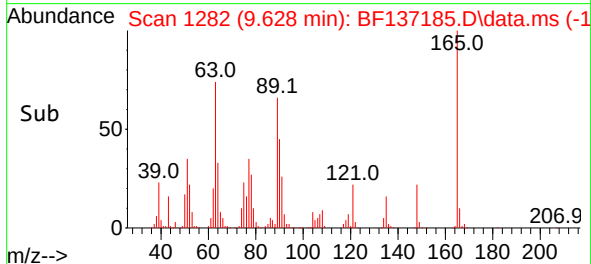
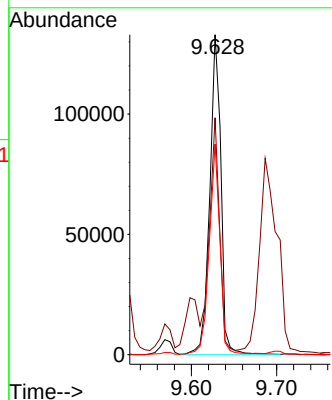
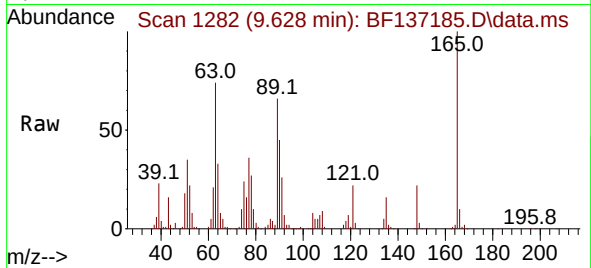




#51
2,6-Dinitrotoluene
Concen: 48.158 ng
RT: 9.628 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BF137185.D
Acq: 29 Jan 2024 11:03

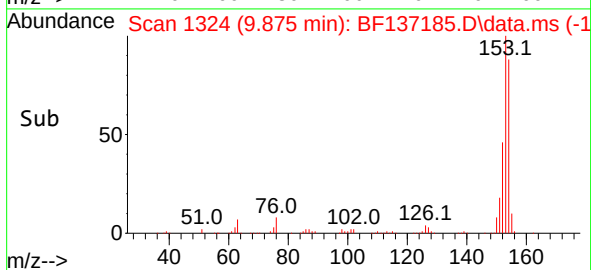
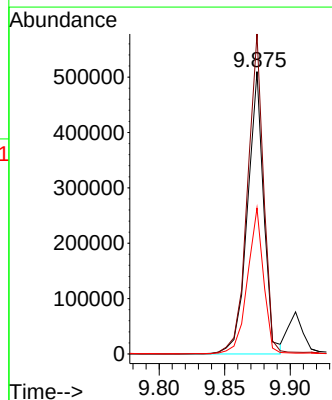
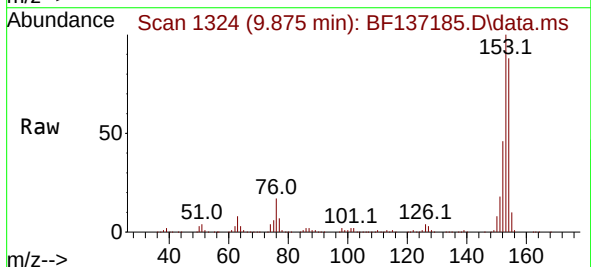
Instrument :
BNA_F
ClientSampleId :
PB158518BS

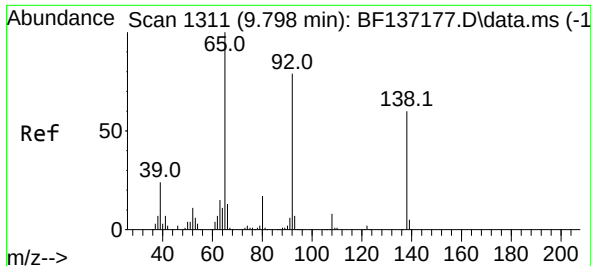
Tgt Ion:165 Resp: 120842
Ion Ratio Lower Upper
165 100
63 74.1 51.4 77.2
89 65.8 47.8 71.8



#52
Acenaphthene
Concen: 45.016 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF137185.D
Acq: 29 Jan 2024 11:03

Tgt Ion:154 Resp: 440608
Ion Ratio Lower Upper
154 100
153 113.3 91.0 136.4
152 51.7 40.0 60.0

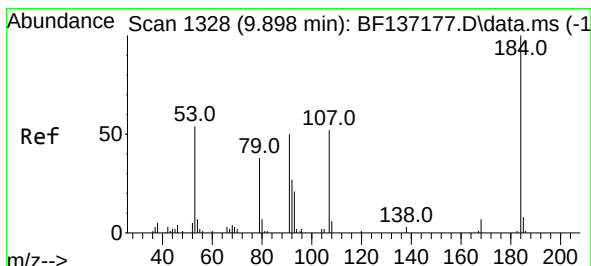
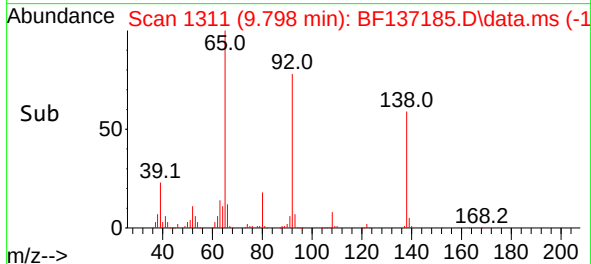
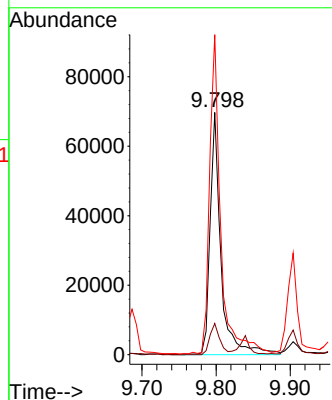
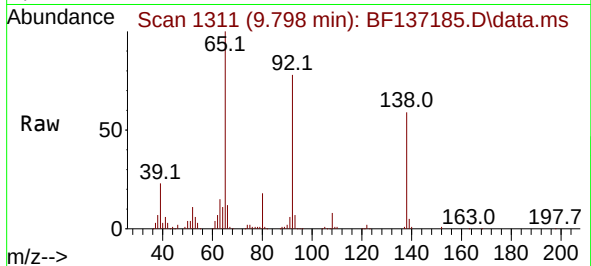




#53
3-Nitroaniline
Concen: 29.409 ng
RT: 9.798 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137185.D
Acq: 29 Jan 2024 11:03

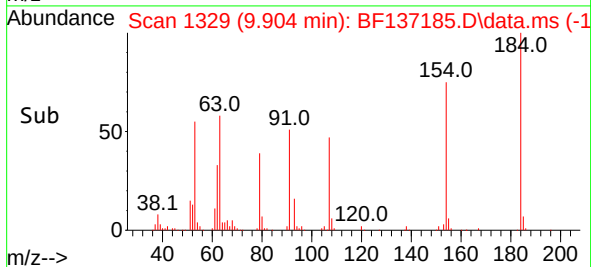
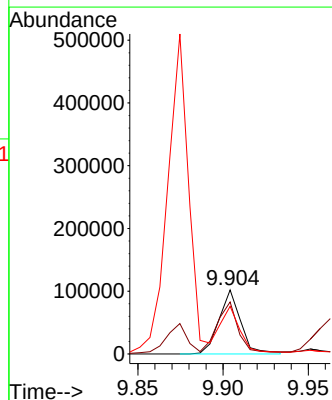
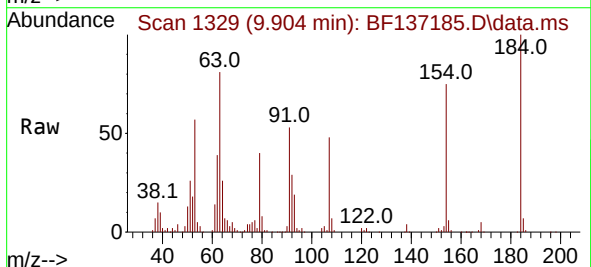
Instrument :
BNA_F
ClientSampleId :
PB158518BS

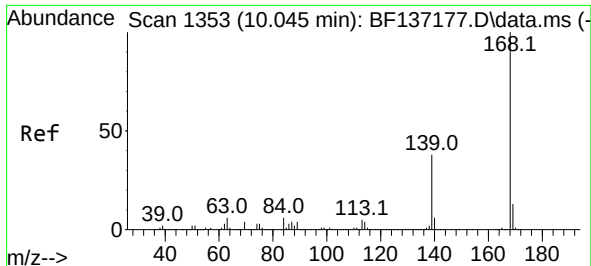
Tgt Ion:138 Resp: 71120
Ion Ratio Lower Upper
138 100
108 12.9 9.9 14.9
92 132.1 105.4 158.0



#54
2,4-Dinitrophenol
Concen: 80.351 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF137185.D
Acq: 29 Jan 2024 11:03

Tgt Ion:184 Resp: 90710
Ion Ratio Lower Upper
184 100
63 81.1 63.2 94.8
154 74.5 63.6 95.4

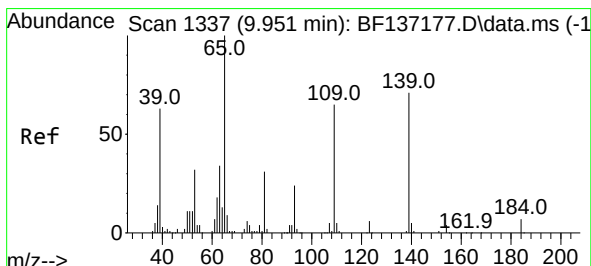
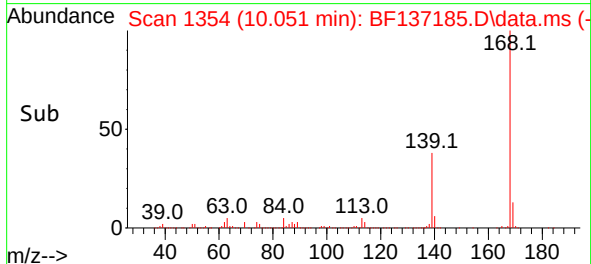
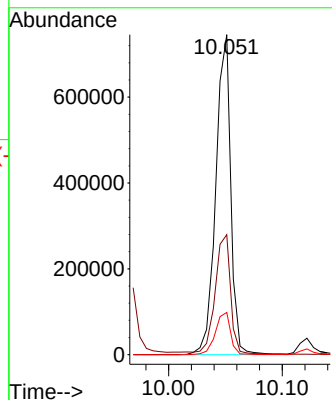
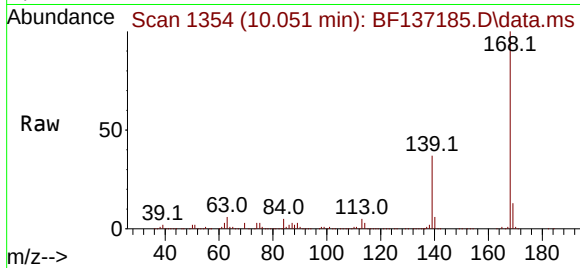




#55
Dibenzenofuran
Concen: 44.462 ng
RT: 10.051 min Scan# 1353
Delta R.T. 0.006 min
Lab File: BF137185.D
Acq: 29 Jan 2024 11:03

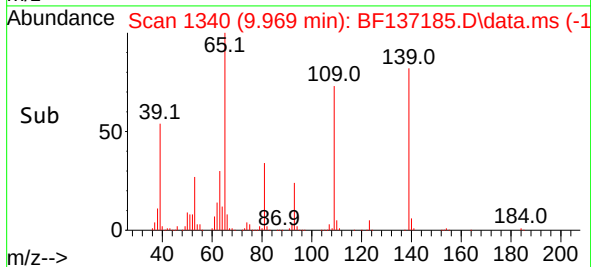
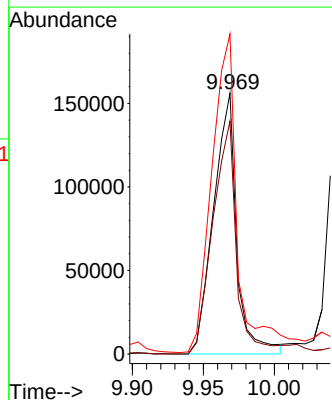
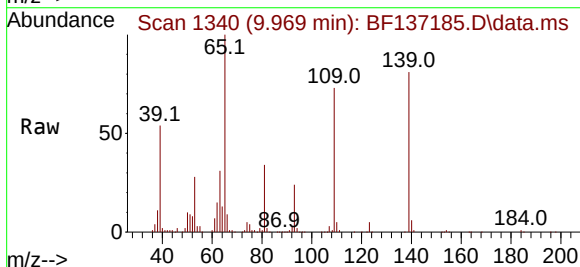
Instrument :
BNA_F
ClientSampleId :
PB158518BS

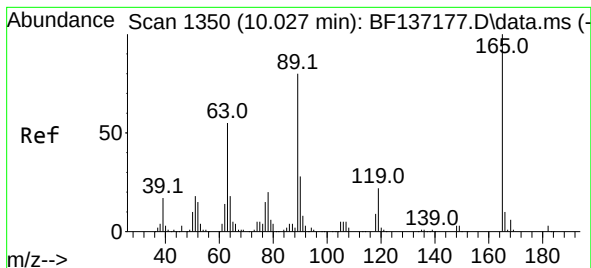
Tgt Ion:168 Resp: 683152
Ion Ratio Lower Upper
168 100
139 37.5 31.2 46.8
169 13.2 10.7 16.1



#56
4-Nitrophenol
Concen: 99.608 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.018 min
Lab File: BF137185.D
Acq: 29 Jan 2024 11:03

Tgt Ion:139 Resp: 177456
Ion Ratio Lower Upper
139 100
109 89.3 72.6 112.6
65 122.8 124.2 164.2#

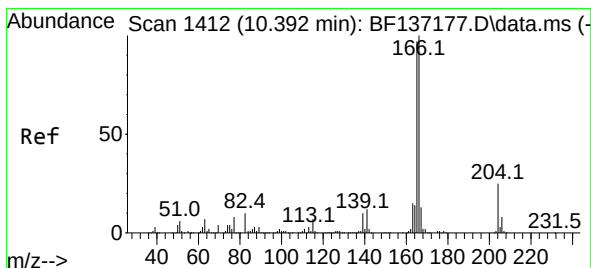
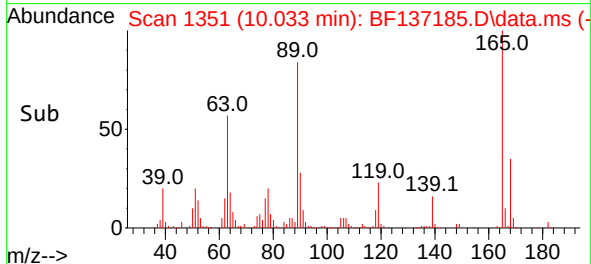
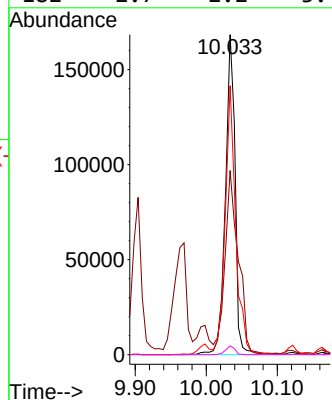
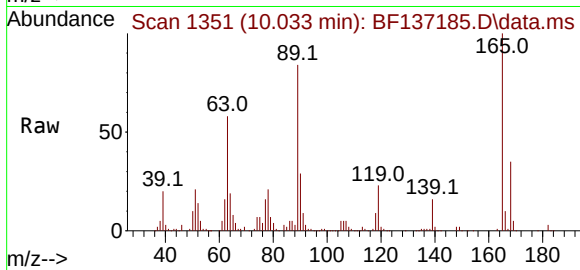




#57
2,4-Dinitrotoluene
Concen: 49.549 ng
RT: 10.033 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137185.D
Acq: 29 Jan 2024 11:03

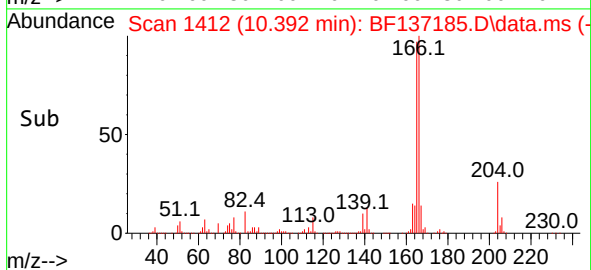
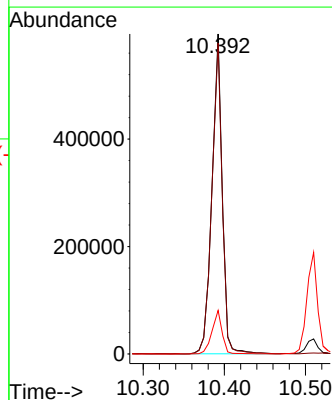
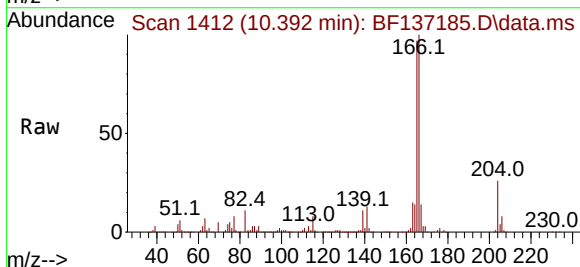
Instrument :
BNA_F
ClientSampleId :
PB158518BS

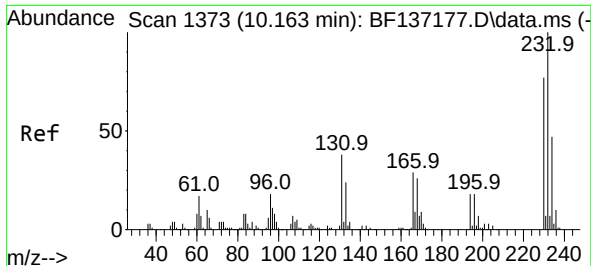
Tgt Ion:165 Resp: 158661
Ion Ratio Lower Upper
165 100
63 57.5 45.0 67.6
89 84.0 64.2 96.2
182 2.7 2.2 3.4



#58
Fluorene
Concen: 43.155 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF137185.D
Acq: 29 Jan 2024 11:03

Tgt Ion:166 Resp: 521208
Ion Ratio Lower Upper
166 100
165 97.1 77.8 116.8
167 13.6 10.4 15.6

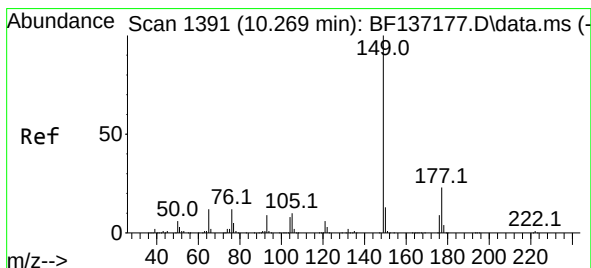
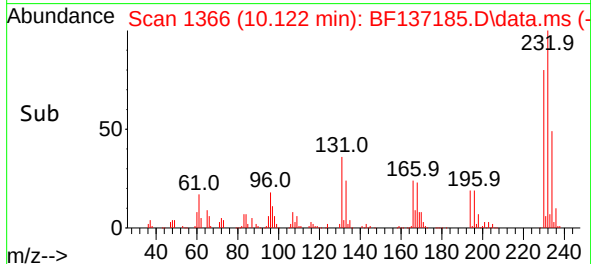
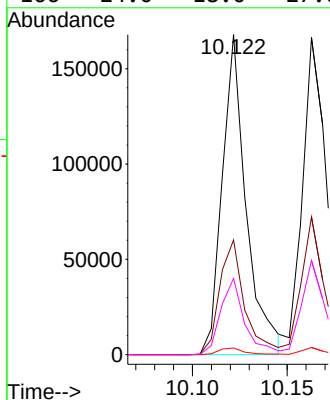
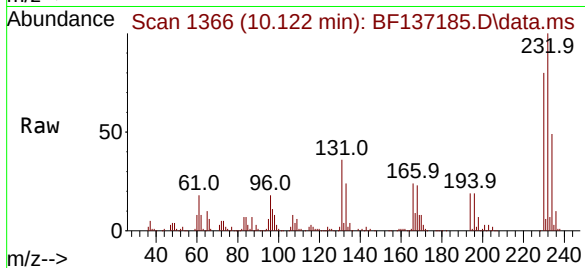




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.227 ng
RT: 10.122 min Scan# 1366
Delta R.T. -0.041 min
Lab File: BF137185.D
Acq: 29 Jan 2024 11:03

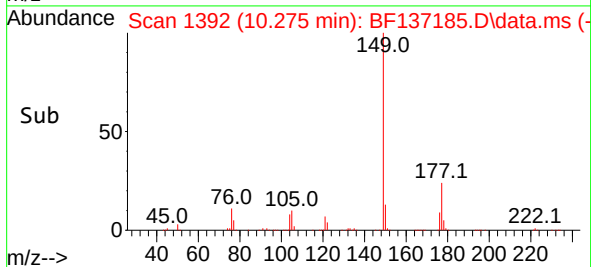
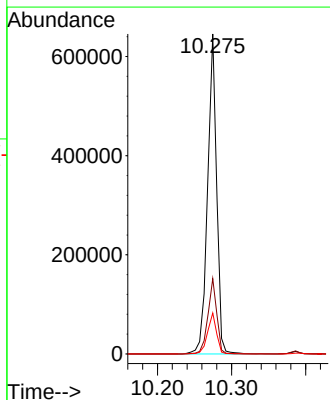
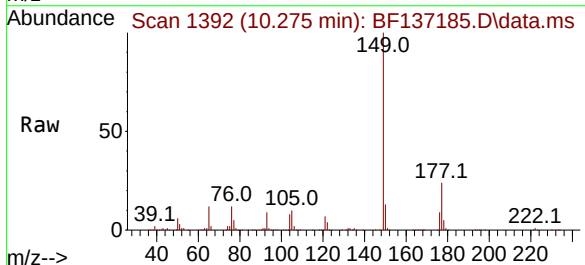
Instrument :
BNA_F
ClientSampleId :
PB158518BS

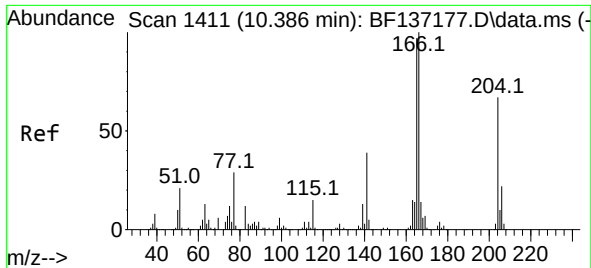
Tgt Ion:232 Resp: 147766
Ion Ratio Lower Upper
232 100
131 37.4 28.2 42.4
130 2.2 1.5 2.3
166 24.0 18.0 27.0



#60
Diethylphthalate
Concen: 45.460 ng
RT: 10.275 min Scan# 1392
Delta R.T. 0.006 min
Lab File: BF137185.D
Acq: 29 Jan 2024 11:03

Tgt Ion:149 Resp: 549042
Ion Ratio Lower Upper
149 100
177 23.5 18.3 27.5
150 12.8 10.0 15.0

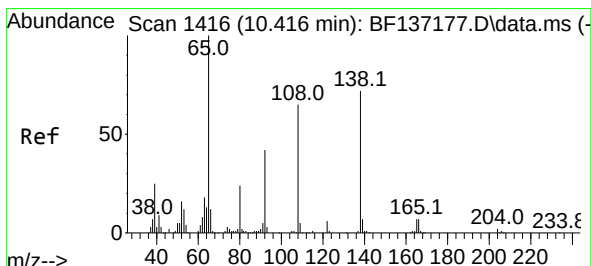
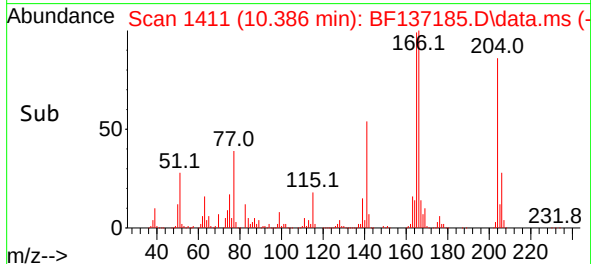
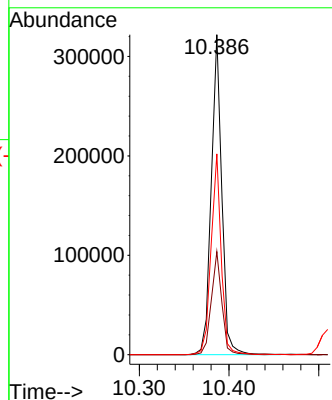
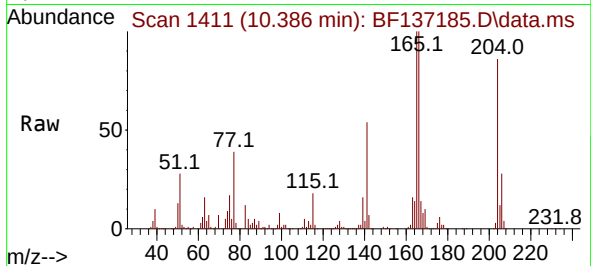




#61
4-Chlorophenyl-phenylether
Concen: 43.475 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF137185.D
Acq: 29 Jan 2024 11:03

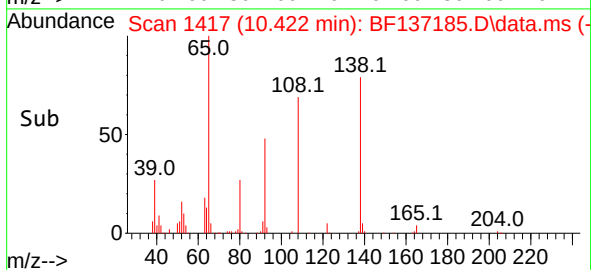
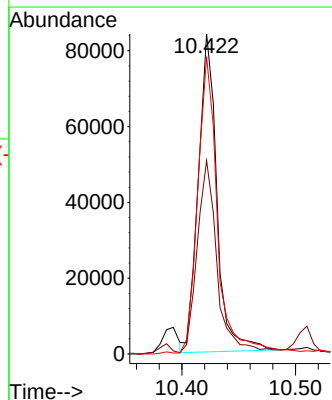
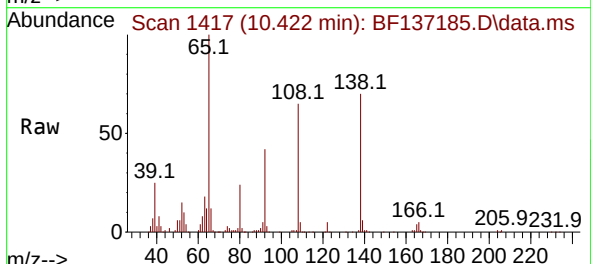
Instrument :
BNA_F
ClientSampleId :
PB158518BS

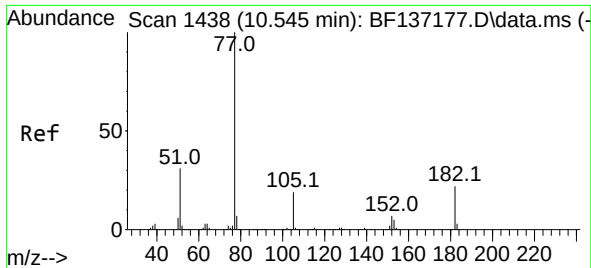
Tgt Ion:204 Resp: 262045
Ion Ratio Lower Upper
204 100
206 32.2 25.8 38.8
141 62.8 46.5 69.7



#62
4-Nitroaniline
Concen: 41.749 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF137185.D
Acq: 29 Jan 2024 11:03

Tgt Ion:138 Resp: 95790
Ion Ratio Lower Upper
138 100
92 60.4 37.6 77.6
108 92.9 69.4 109.4

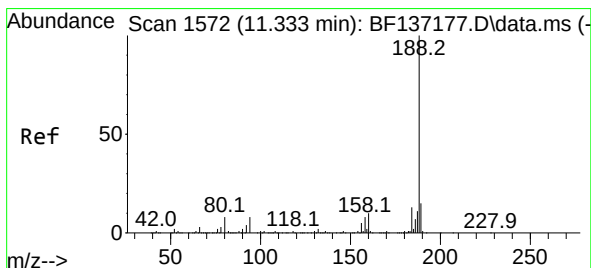
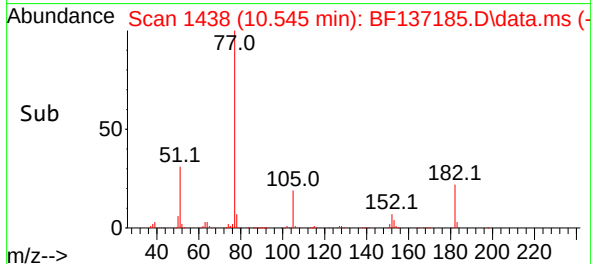
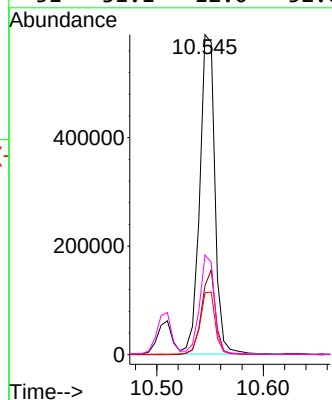
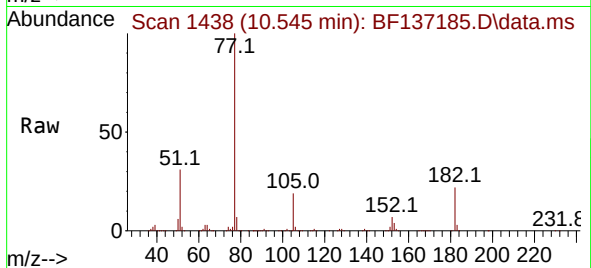




#63
Azobenzene
Concen: 44.404 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BF137185.D
Acq: 29 Jan 2024 11:03

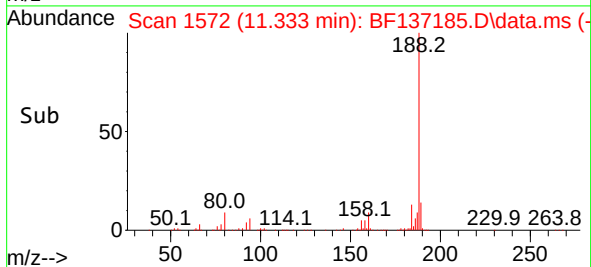
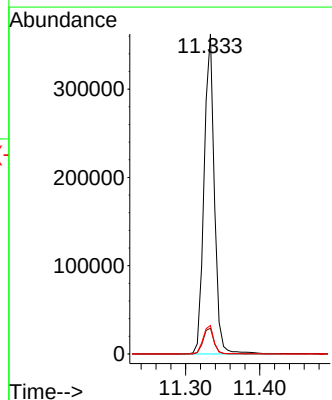
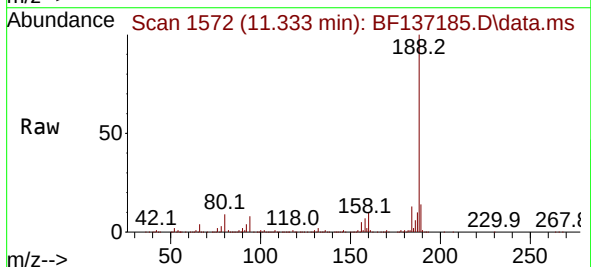
Instrument :
BNA_F
ClientSampleId :
PB158518BS

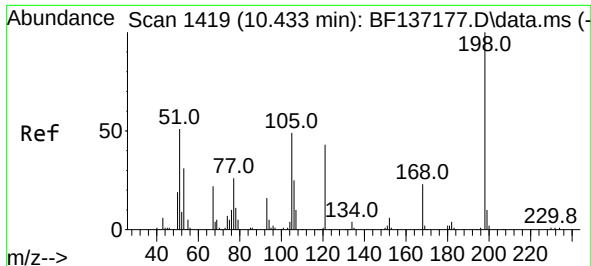
Tgt Ion:	77	Resp:	584107
Ion Ratio	Lower	Upper	
77	100		
182	21.6	1.9	41.9
105	19.3	0.0	39.1
51	31.1	12.0	52.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF137185.D
Acq: 29 Jan 2024 11:03

Tgt Ion:	188	Resp:	350042
Ion Ratio	Lower	Upper	
188	100		
94	8.1	6.0	9.0
80	8.9	6.7	10.1

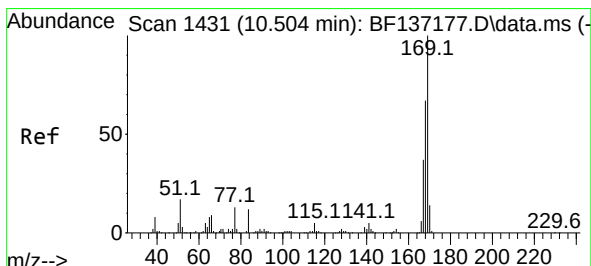
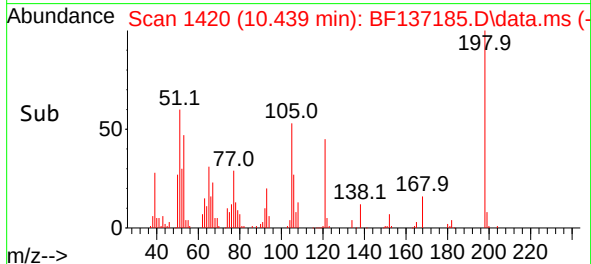
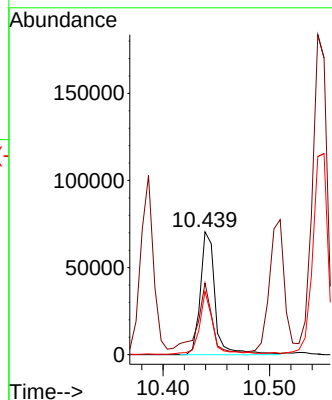
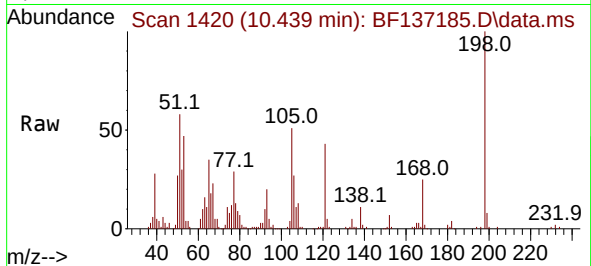




#65
4,6-Dinitro-2-methylphenol
Concen: 41.857 ng
RT: 10.439 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF137185.D
Acq: 29 Jan 2024 11:03

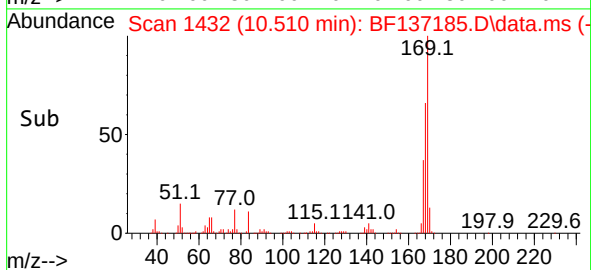
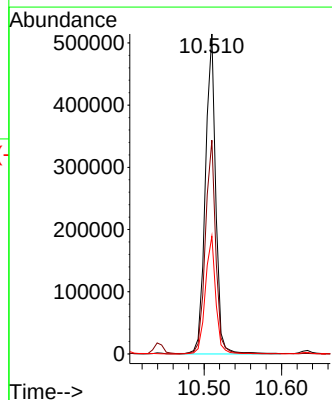
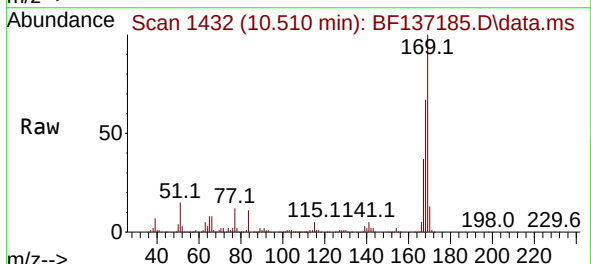
Instrument :
BNA_F
ClientSampleId :
PB158518BS

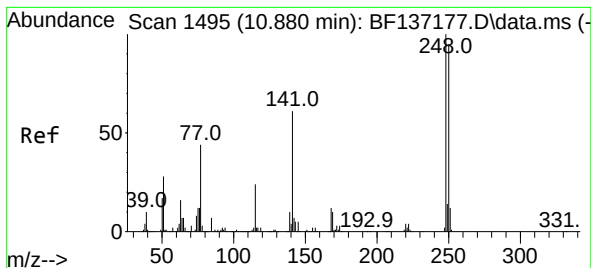
Tgt Ion:198 Resp: 68197
Ion Ratio Lower Upper
198 100
51 58.4 41.6 81.6
105 51.4 30.7 70.7



#66
n-Nitrosodiphenylamine
Concen: 46.032 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF137185.D
Acq: 29 Jan 2024 11:03

Tgt Ion:169 Resp: 478119
Ion Ratio Lower Upper
169 100
168 66.8 53.5 80.3
167 36.8 29.7 44.5

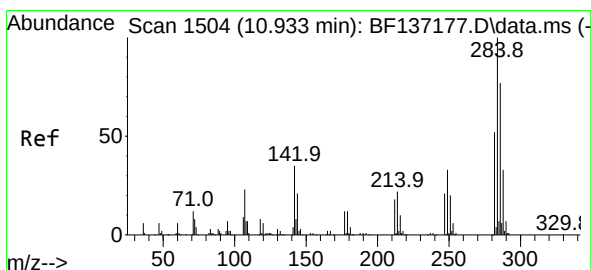
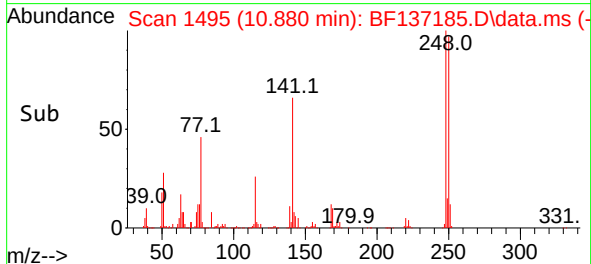
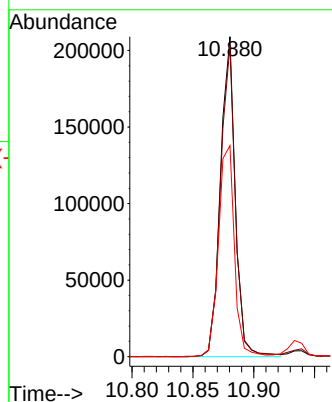
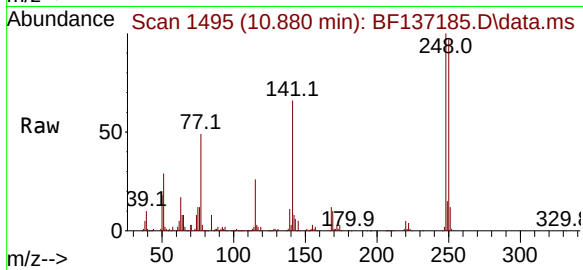




#67
4-Bromophenyl-phenylether
Concen: 46.171 ng
RT: 10.880 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF137185.D
Acq: 29 Jan 2024 11:03

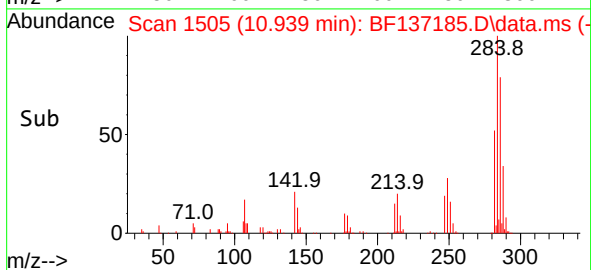
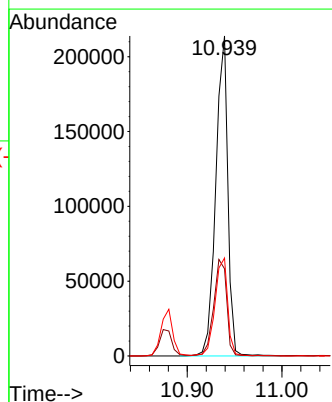
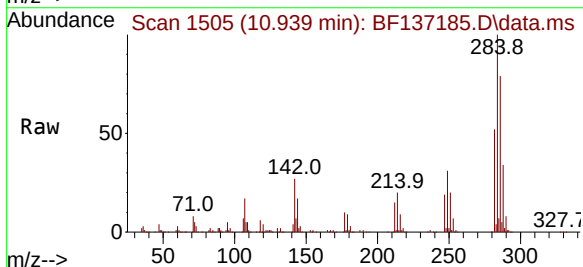
Instrument :
BNA_F
ClientSampleId :
PB158518BS

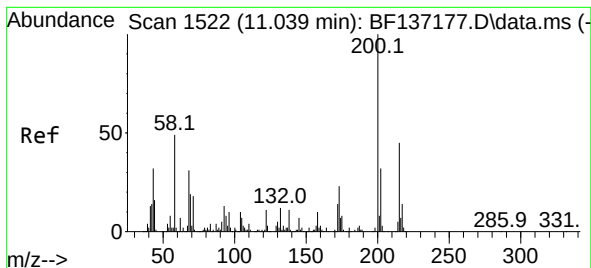
Tgt Ion:248 Resp: 177870
Ion Ratio Lower Upper
248 100
250 97.3 76.2 114.2
141 66.0 48.8 73.2



#68
Hexachlorobenzene
Concen: 44.272 ng
RT: 10.939 min Scan# 1505
Delta R.T. 0.006 min
Lab File: BF137185.D
Acq: 29 Jan 2024 11:03

Tgt Ion:284 Resp: 188551
Ion Ratio Lower Upper
284 100
142 27.3 28.0 42.0#
249 30.6 26.6 40.0





#69

Atrazine

Concen: 48.426 ng

RT: 11.045 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF137185.D

Acq: 29 Jan 2024 11:03

Instrument :

BNA_F

ClientSampleId :

PB158518BS

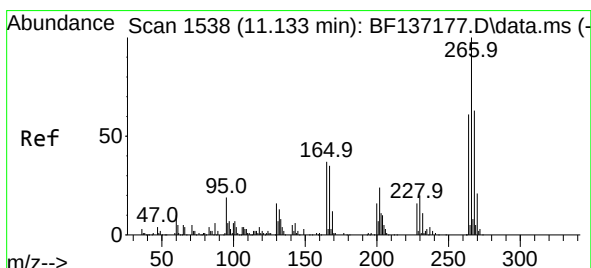
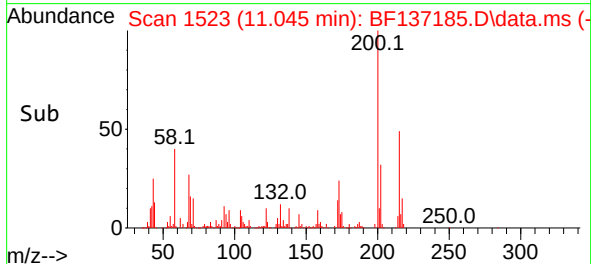
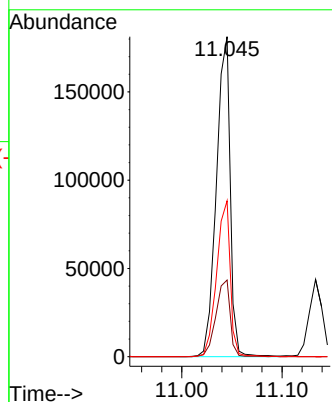
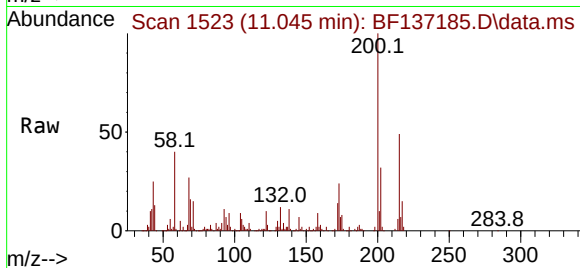
Tgt Ion:200 Resp: 173663

Ion Ratio Lower Upper

200 100

173 23.9 3.4 43.4

215 48.7 24.7 64.7



#70

Pentachlorophenol

Concen: 94.998 ng

RT: 11.133 min Scan# 1538

Delta R.T. 0.000 min

Lab File: BF137185.D

Acq: 29 Jan 2024 11:03

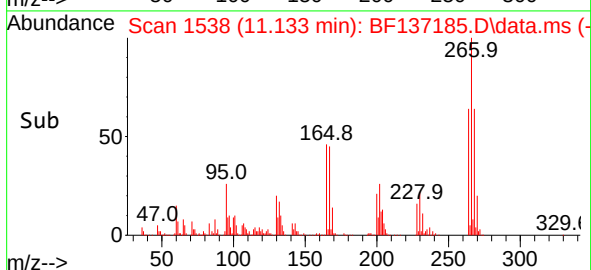
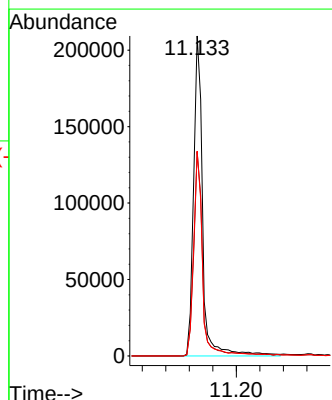
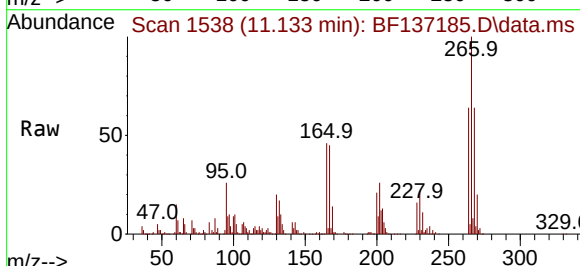
Tgt Ion:266 Resp: 223961

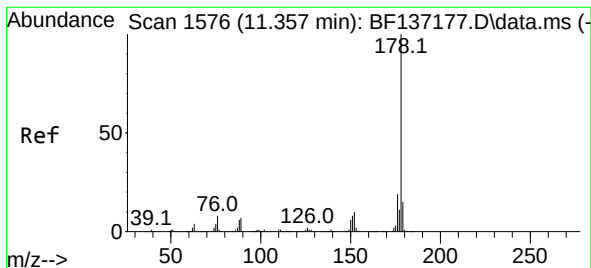
Ion Ratio Lower Upper

266 100

268 63.8 50.4 75.6

264 64.1 49.1 73.7





#71

Phenanthrene

Concen: 45.183 ng

RT: 11.357 min Scan# 1576

Delta R.T. 0.000 min

Lab File: BF137185.D

Acq: 29 Jan 2024 11:03

Instrument :

BNA_F

ClientSampleId :

PB158518BS

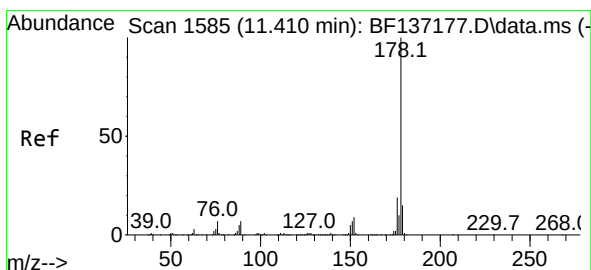
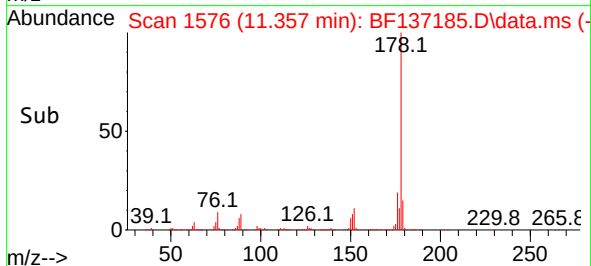
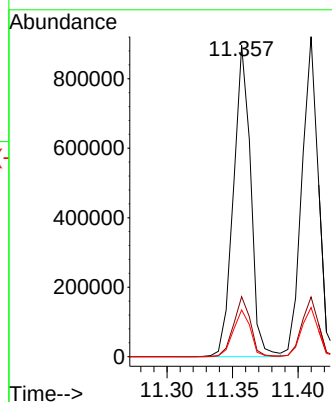
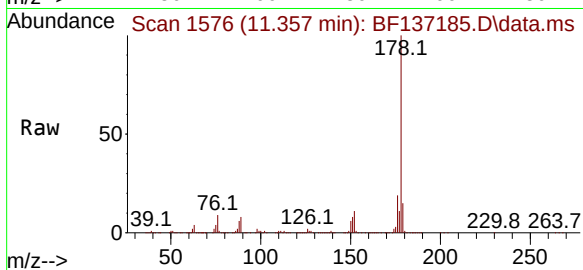
Tgt Ion:178 Resp: 818265

Ion Ratio Lower Upper

178 100

176 19.3 15.2 22.8

179 15.0 11.9 17.9



#72

Anthracene

Concen: 44.320 ng

RT: 11.410 min Scan# 1585

Delta R.T. 0.000 min

Lab File: BF137185.D

Acq: 29 Jan 2024 11:03

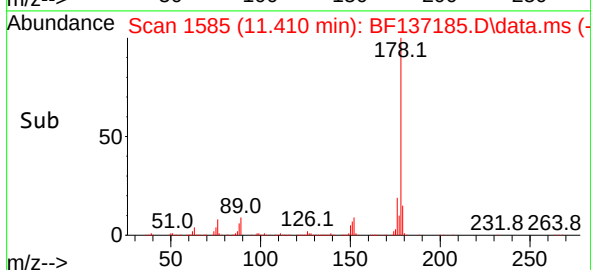
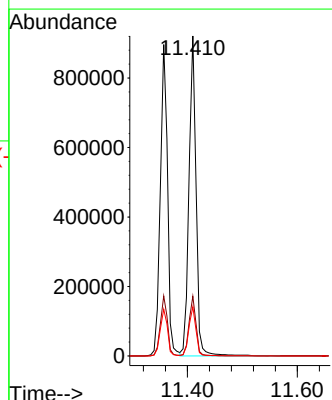
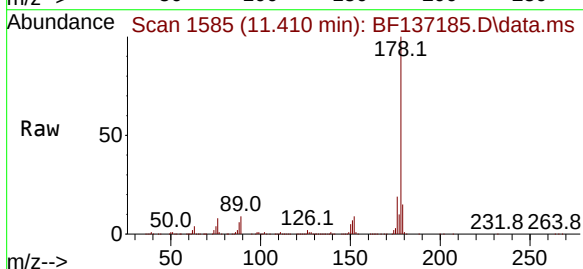
Tgt Ion:178 Resp: 828339

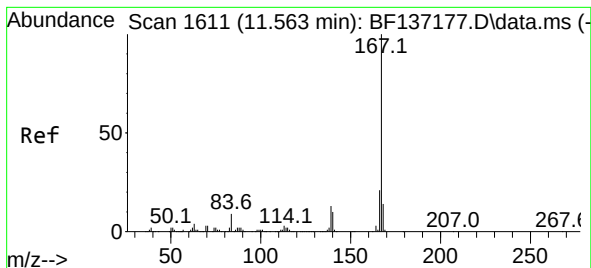
Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

179 15.4 12.1 18.1





#73

Carbazole

Concen: 45.510 ng

RT: 11.569 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF137185.D

Acq: 29 Jan 2024 11:03

Instrument :

BNA_F

ClientSampleId :

PB158518BS

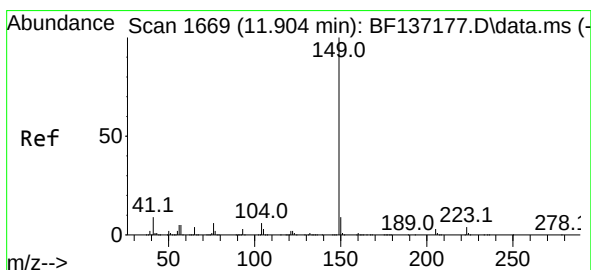
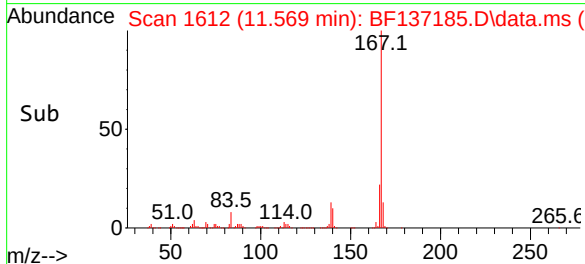
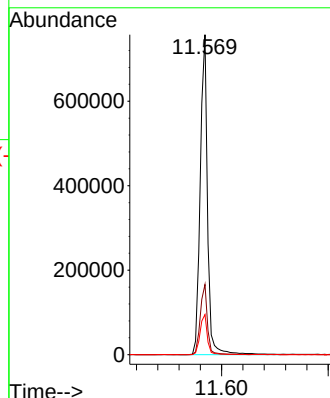
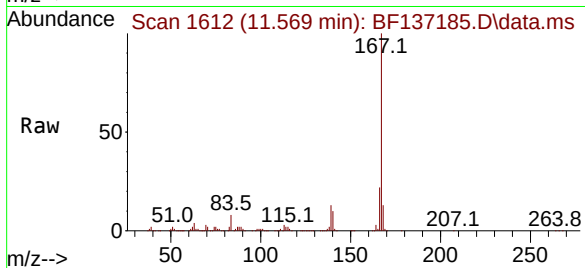
Tgt Ion:167 Resp: 720338

Ion Ratio Lower Upper

167 100

166 21.9 17.2 25.8

139 12.6 10.3 15.5



#74

Di-n-butylphthalate

Concen: 47.155 ng

RT: 11.910 min Scan# 1670

Delta R.T. 0.006 min

Lab File: BF137185.D

Acq: 29 Jan 2024 11:03

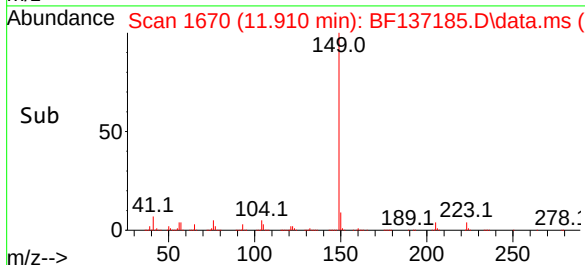
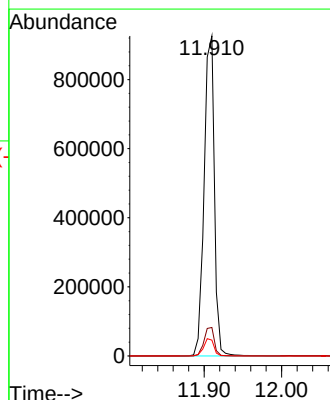
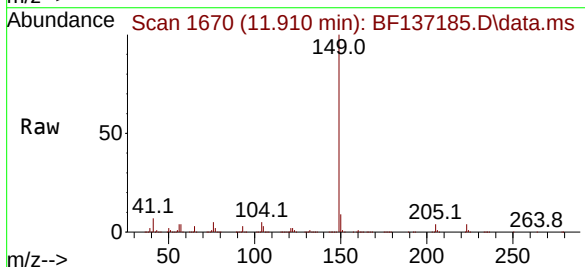
Tgt Ion:149 Resp: 852435

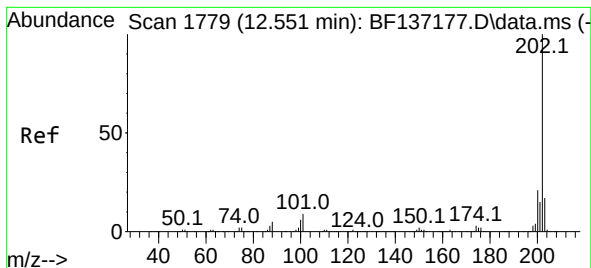
Ion Ratio Lower Upper

149 100

150 8.9 7.2 10.8

104 5.0 4.5 6.7





#75

Fluoranthene

Concen: 43.884 ng

RT: 12.551 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137185.D

Acq: 29 Jan 2024 11:03

Instrument :

BNA_F

ClientSampleId :

PB158518BS

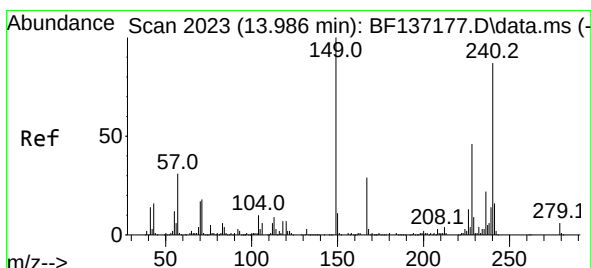
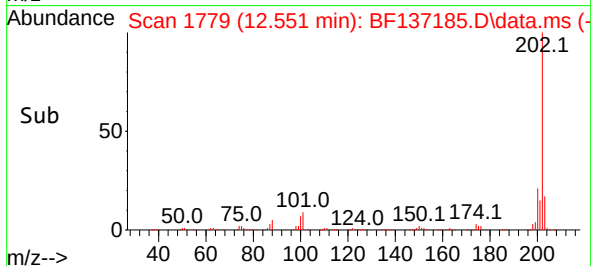
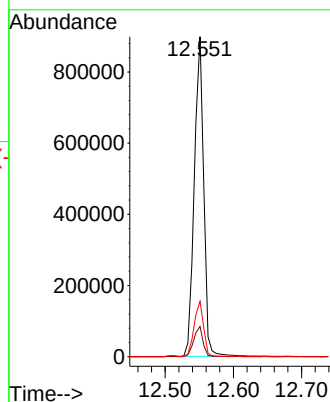
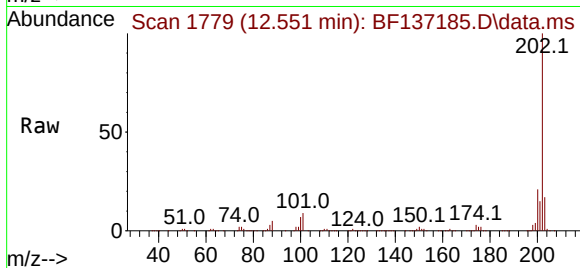
Tgt Ion:202 Resp: 853114

Ion Ratio Lower Upper

202 100

101 9.5 0.0 28.7

203 17.3 0.0 36.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.992 min Scan# 2024

Delta R.T. 0.006 min

Lab File: BF137185.D

Acq: 29 Jan 2024 11:03

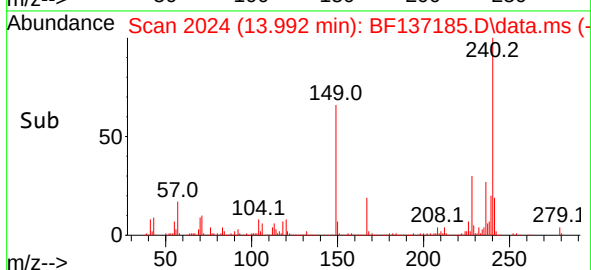
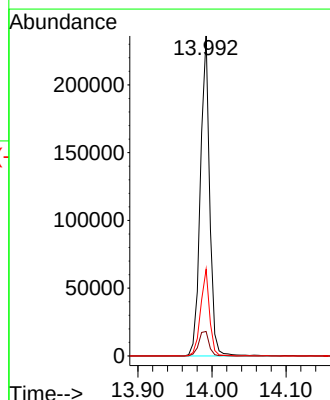
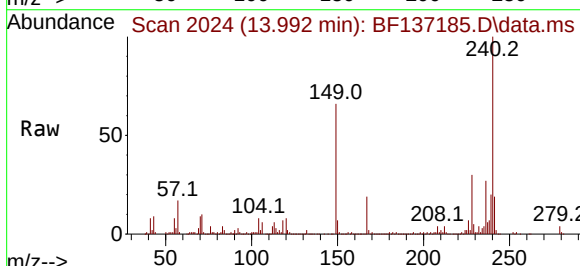
Tgt Ion:240 Resp: 204702

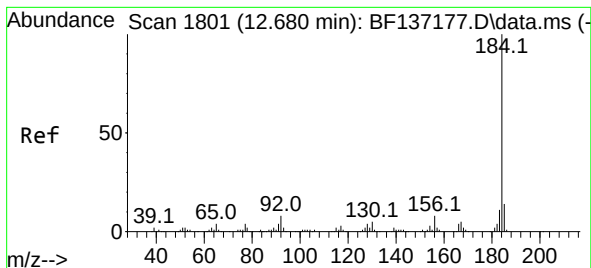
Ion Ratio Lower Upper

240 100

120 7.7 6.7 10.1

236 27.1 20.4 30.6





#77

Benzidine

Concen: 38.667 ng

RT: 12.680 min Scan# 1801

Delta R.T. 0.000 min

Lab File: BF137185.D

Acq: 29 Jan 2024 11:03

Instrument :

BNA_F

ClientSampleId :

PB158518BS

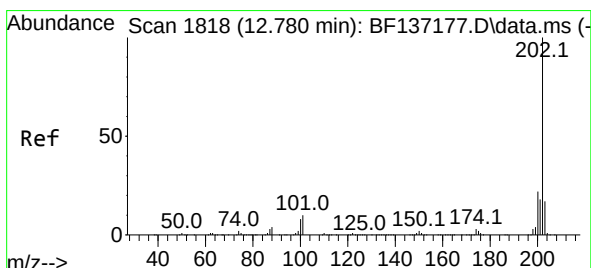
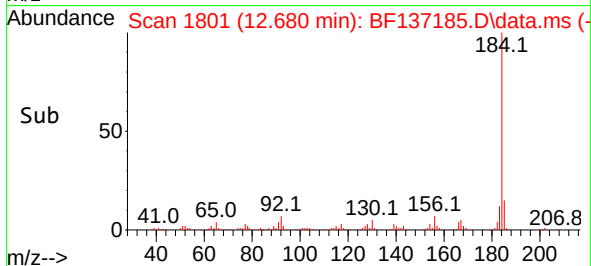
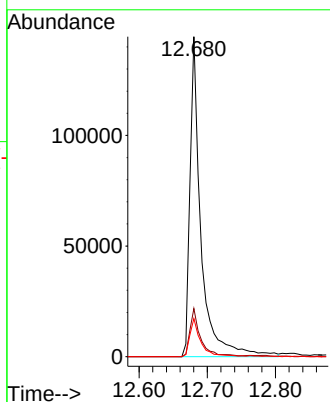
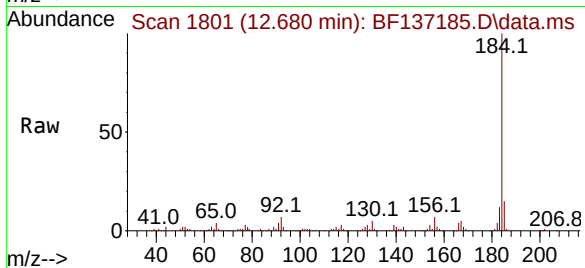
Tgt Ion:184 Resp: 161511

Ion Ratio Lower Upper

184 100

185 15.1 11.5 17.3

183 11.9 9.2 13.8



#78

Pyrene

Concen: 46.575 ng

RT: 12.780 min Scan# 1818

Delta R.T. 0.000 min

Lab File: BF137185.D

Acq: 29 Jan 2024 11:03

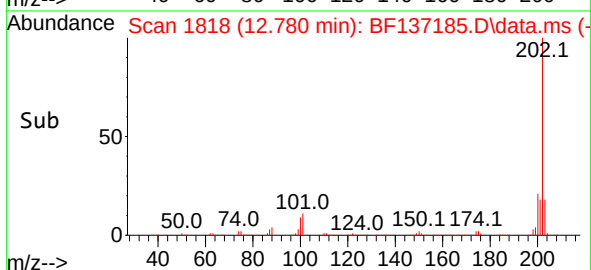
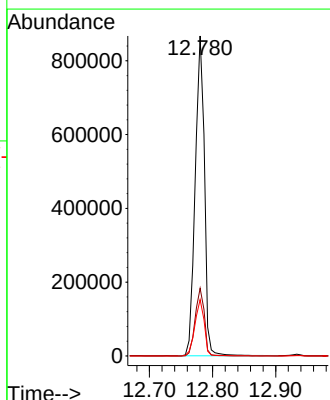
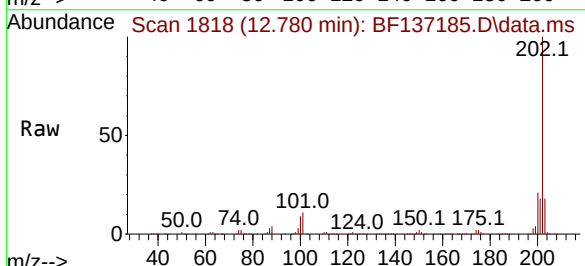
Tgt Ion:202 Resp: 877681

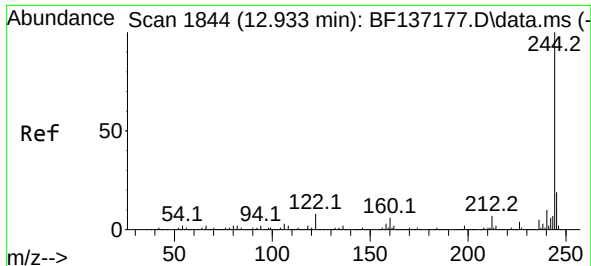
Ion Ratio Lower Upper

202 100

200 21.2 17.4 26.0

203 17.6 13.5 20.3

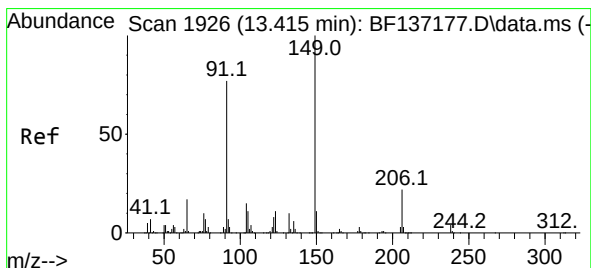
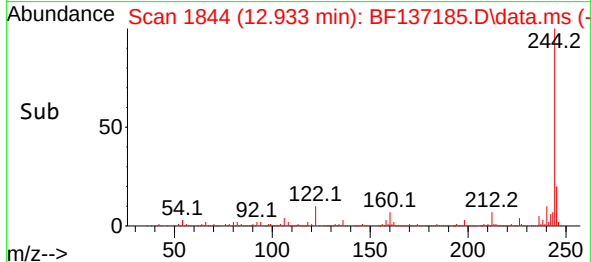
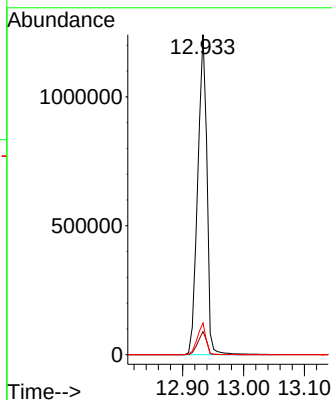
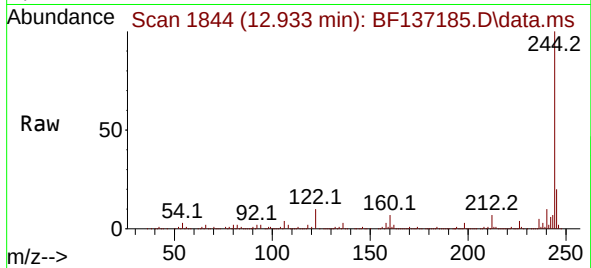




#79
 Terphenyl-d14
 Concen: 89.345 ng
 RT: 12.933 min Scan# 1844
 Delta R.T. 0.000 min
 Lab File: BF137185.D
 Acq: 29 Jan 2024 11:03

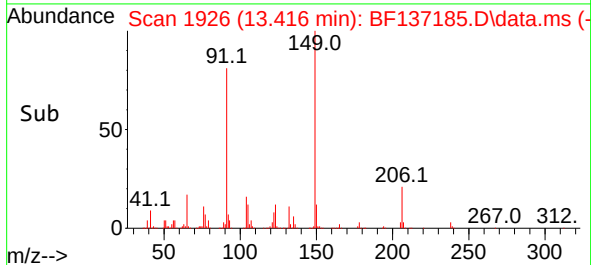
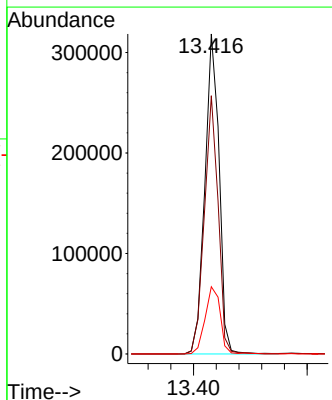
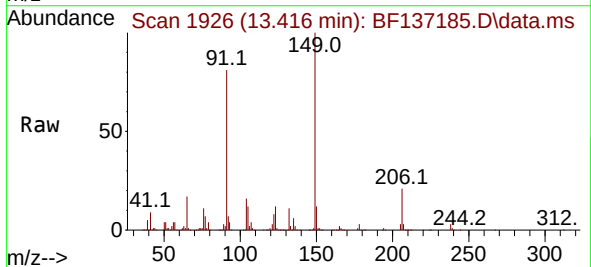
Instrument :
 BNA_F
 ClientSampleId :
 PB158518BS

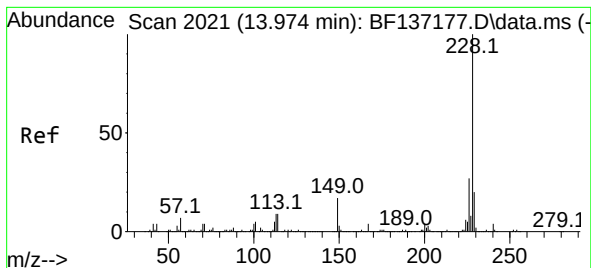
Tgt Ion:244 Resp: 1303931
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 9.9 6.6 9.8#



#80
 Butylbenzylphthalate
 Concen: 48.115 ng
 RT: 13.416 min Scan# 1926
 Delta R.T. 0.001 min
 Lab File: BF137185.D
 Acq: 29 Jan 2024 11:03

Tgt Ion:149 Resp: 276460
 Ion Ratio Lower Upper
 149 100
 91 80.7 61.8 92.8
 206 21.0 17.7 26.5





#81

Benzo(a)anthracene

Concen: 46.206 ng

RT: 13.980 min Scan# 2022

Delta R.T. 0.006 min

Lab File: BF137185.D

Acq: 29 Jan 2024 11:03

Instrument :

BNA_F

ClientSampleId :

PB158518BS

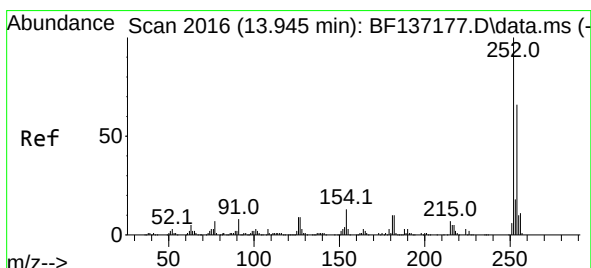
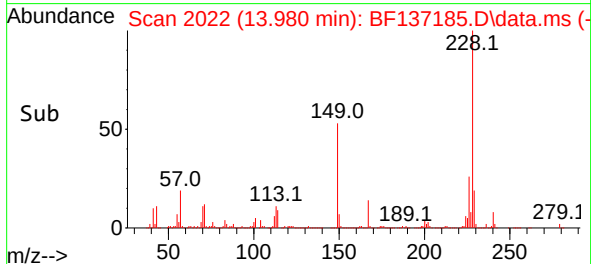
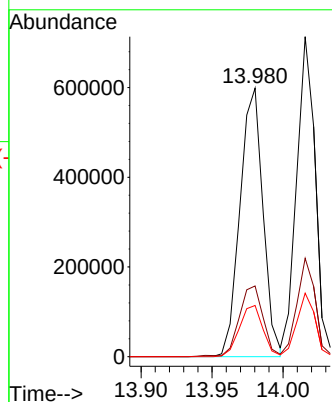
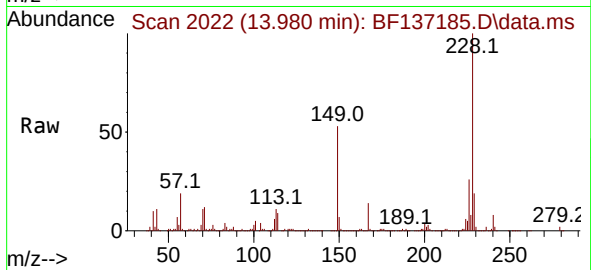
Tgt Ion:228 Resp: 676140

Ion Ratio Lower Upper

228 100

226 26.4 21.9 32.9

229 19.1 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 36.591 ng

RT: 13.945 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF137185.D

Acq: 29 Jan 2024 11:03

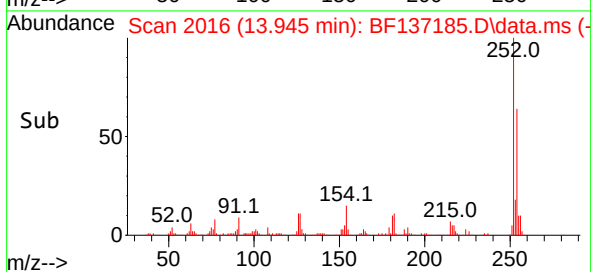
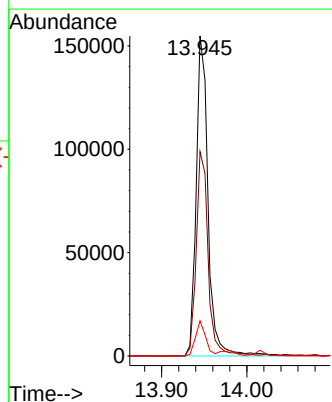
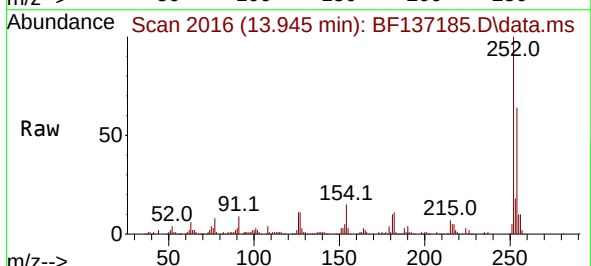
Tgt Ion:252 Resp: 149653

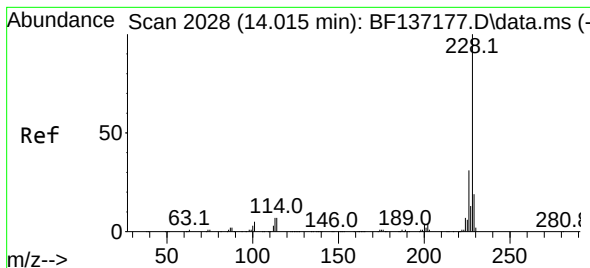
Ion Ratio Lower Upper

252 100

254 63.9 52.6 78.8

126 11.0 7.1 10.7#





#83

Chrysene

Concen: 45.531 ng

RT: 14.016 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF137185.D

Acq: 29 Jan 2024 11:03

Instrument :

BNA_F

ClientSampleId :

PB158518BS

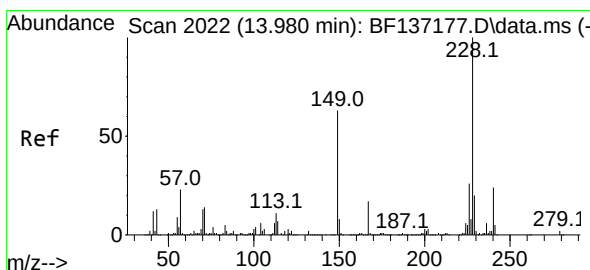
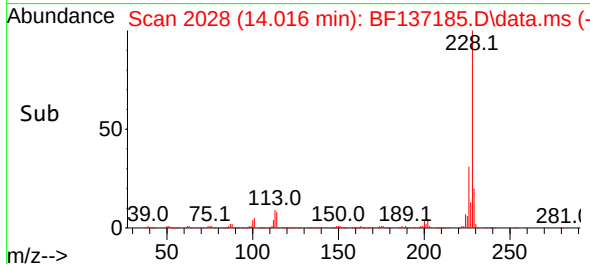
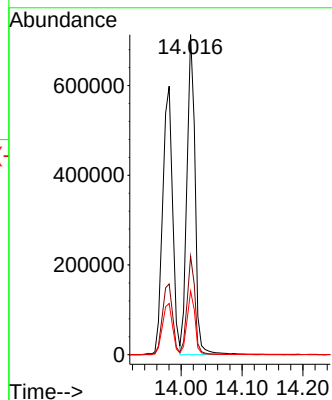
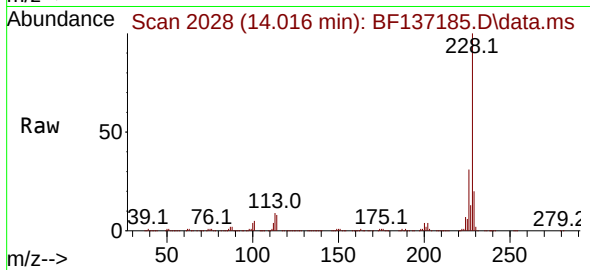
Tgt Ion:228 Resp: 663927

Ion Ratio Lower Upper

228 100

226 30.8 24.7 37.1

229 19.9 15.2 22.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.889 ng

RT: 13.986 min Scan# 2023

Delta R.T. 0.006 min

Lab File: BF137185.D

Acq: 29 Jan 2024 11:03

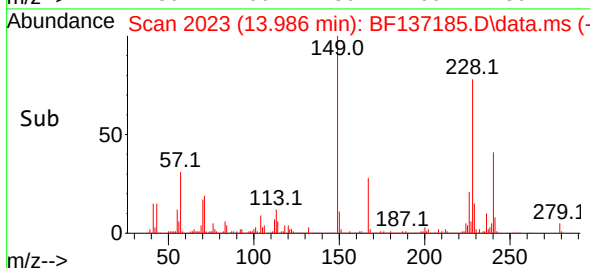
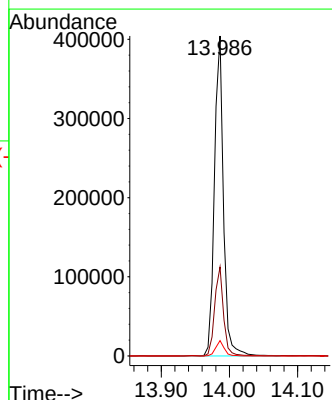
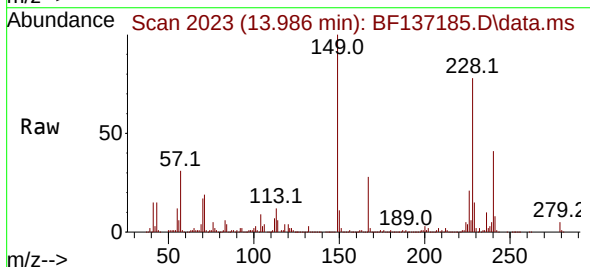
Tgt Ion:149 Resp: 373210

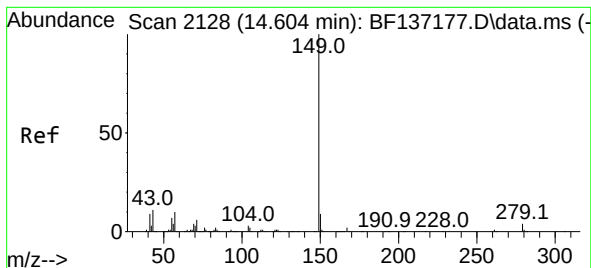
Ion Ratio Lower Upper

149 100

167 27.8 21.6 32.4

279 4.8 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 55.277 ng

RT: 14.604 min Scan# 2128

Delta R.T. -0.000 min

Lab File: BF137185.D

Acq: 29 Jan 2024 11:03

Instrument :

BNA_F

ClientSampleId :

PB158518BS

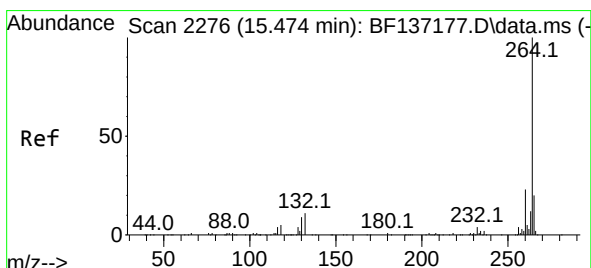
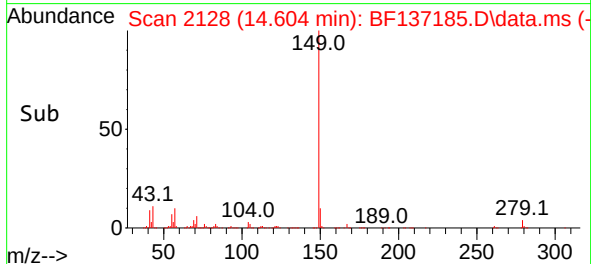
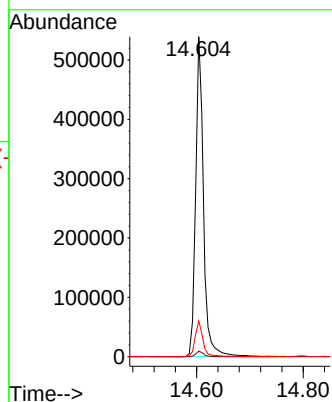
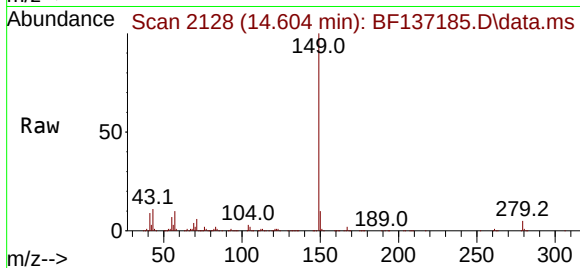
Tgt Ion:149 Resp: 552472

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

43 11.2 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.474 min Scan# 2276

Delta R.T. 0.000 min

Lab File: BF137185.D

Acq: 29 Jan 2024 11:03

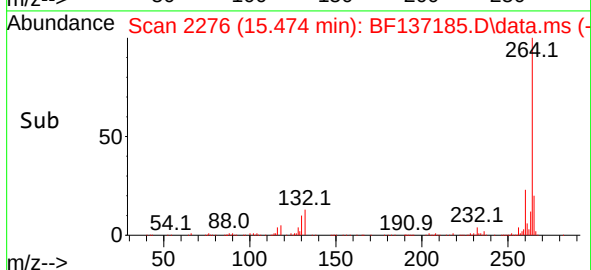
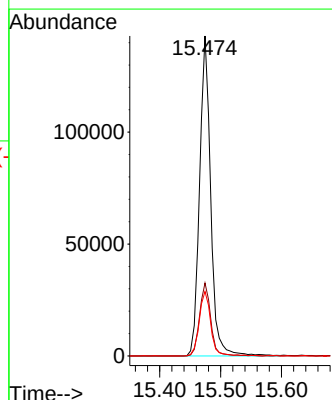
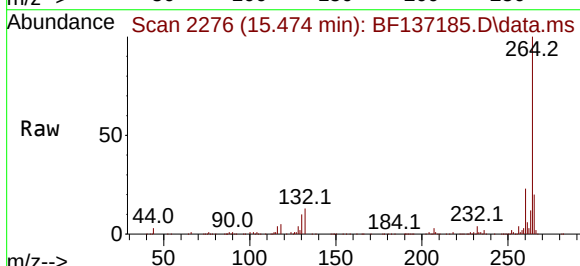
Tgt Ion:264 Resp: 181797

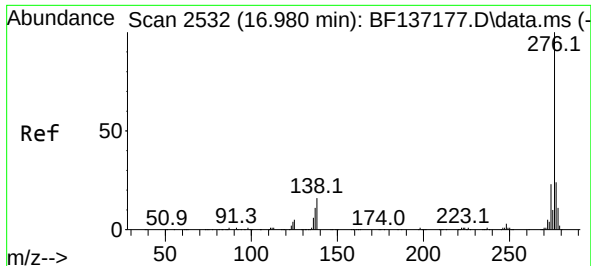
Ion Ratio Lower Upper

264 100

260 22.8 18.2 27.4

265 20.1 16.3 24.5

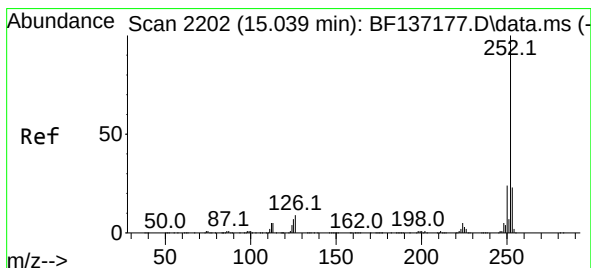
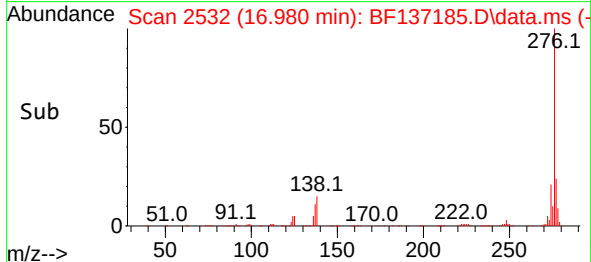
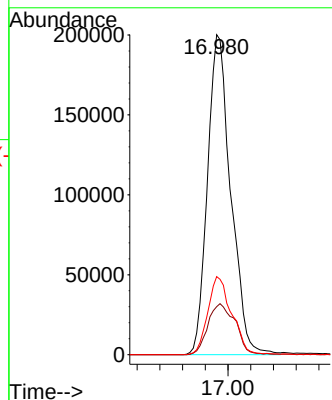
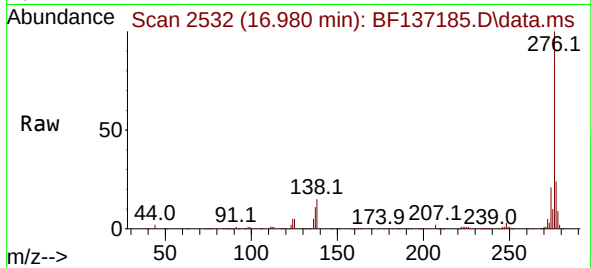




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 47.781 ng
 RT: 16.980 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF137185.D
 Acq: 29 Jan 2024 11:03

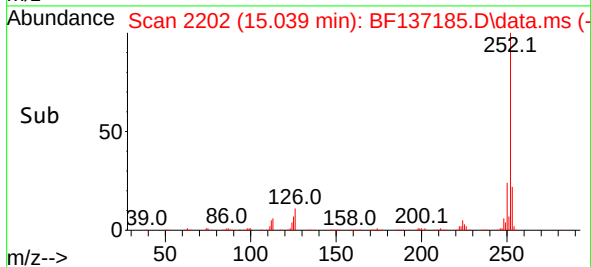
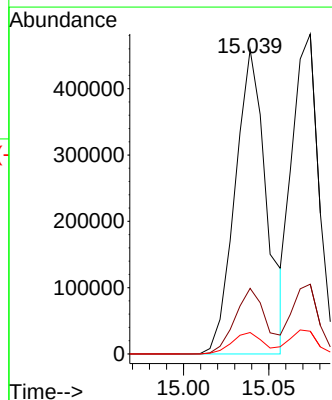
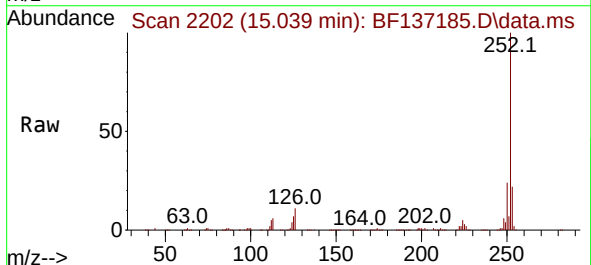
Instrument :
 BNA_F
 ClientSampleId :
 PB158518BS

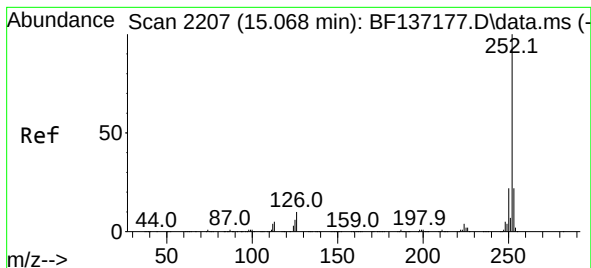
Tgt Ion:276 Resp: 569269
 Ion Ratio Lower Upper
 276 100
 138 18.9 14.6 22.0
 277 25.1 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 50.431 ng
 RT: 15.039 min Scan# 2202
 Delta R.T. 0.000 min
 Lab File: BF137185.D
 Acq: 29 Jan 2024 11:03

Tgt Ion:252 Resp: 587360
 Ion Ratio Lower Upper
 252 100
 253 21.6 18.0 27.0
 125 7.1 5.2 7.8





#89

Benzo(k)fluoranthene

Concen: 45.508 ng

RT: 15.074 min Scan# 2208

Delta R.T. 0.006 min

Lab File: BF137185.D

Acq: 29 Jan 2024 11:03

Instrument :

BNA_F

ClientSampleId :

PB158518BS

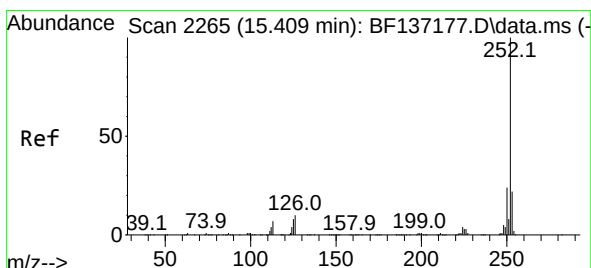
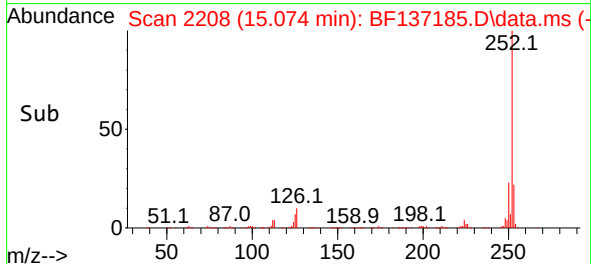
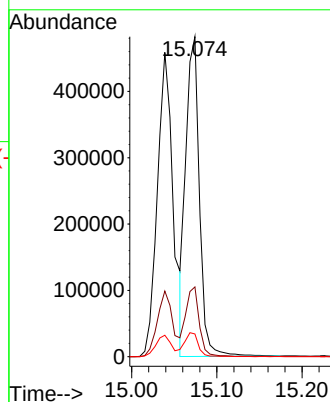
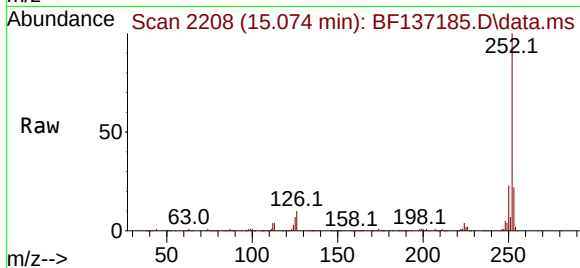
Tgt Ion:252 Resp: 535037

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

125 7.1 5.3 7.9



#90

Benzo(a)pyrene

Concen: 44.836 ng

RT: 15.415 min Scan# 2266

Delta R.T. 0.006 min

Lab File: BF137185.D

Acq: 29 Jan 2024 11:03

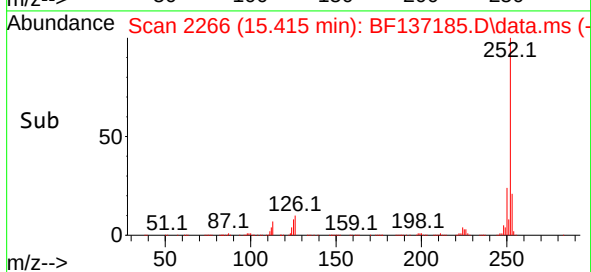
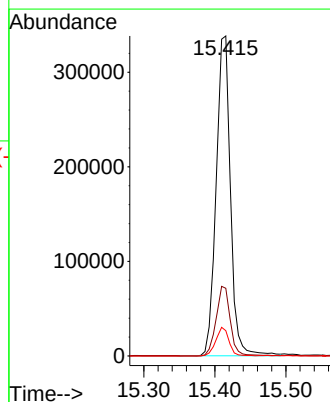
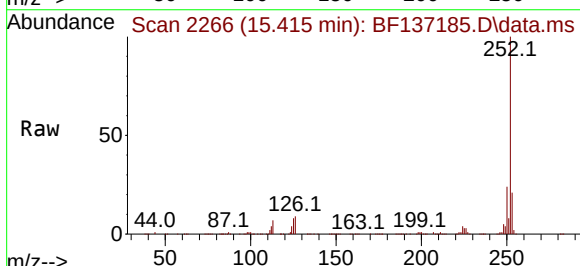
Tgt Ion:252 Resp: 471035

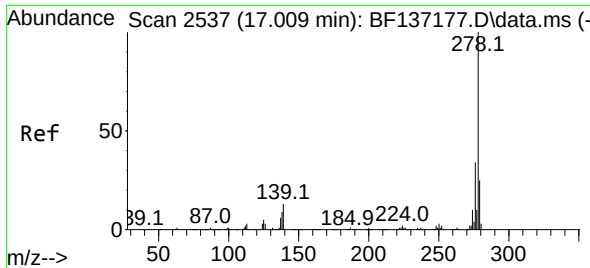
Ion Ratio Lower Upper

252 100

253 21.2 17.4 26.0

125 7.9 6.2 9.4

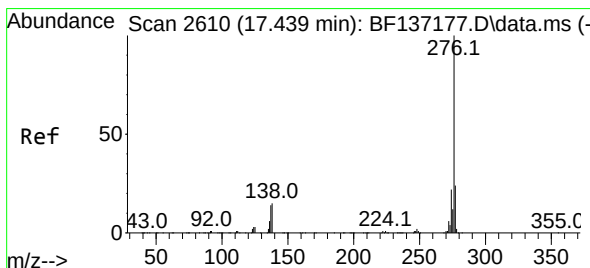
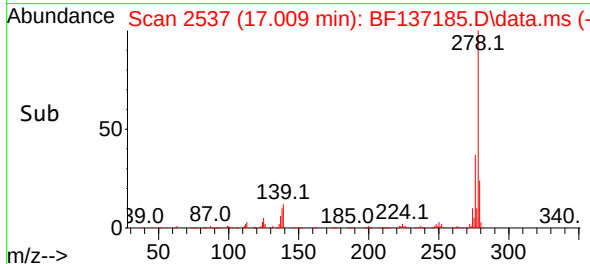
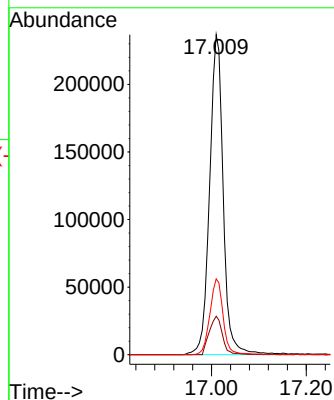
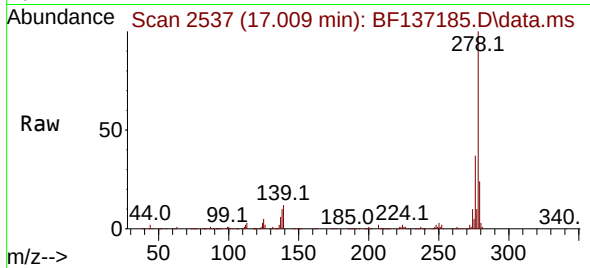




#91
 Dibenzo(a,h)anthracene
 Concen: 49.584 ng
 RT: 17.009 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF137185.D
 Acq: 29 Jan 2024 11:03

Instrument :
 BNA_F
 ClientSampleId :
 PB158518BS

Tgt Ion:278 Resp: 472283
 Ion Ratio Lower Upper
 278 100
 139 12.0 10.3 15.5
 279 23.7 20.1 30.1



#92
 Benzo(g,h,i)perylene
 Concen: 49.779 ng
 RT: 17.445 min Scan# 2611
 Delta R.T. 0.006 min
 Lab File: BF137185.D
 Acq: 29 Jan 2024 11:03

Tgt Ion:276 Resp: 462393
 Ion Ratio Lower Upper
 276 100
 277 24.1 19.0 28.6
 138 15.0 12.3 18.5

