

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100722\
 Data File : BF130577.D
 Acq On : 07 Oct 2022 16:06
 Operator : CG\JU
 Sample : PB148182BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148182BS

Quant Time: Oct 10 01:43:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 07 02:06:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.610	152	121587	20.000	ng	0.00
21) Naphthalene-d8	7.898	136	487339	20.000	ng	0.00
39) Acenaphthene-d10	9.651	164	258701	20.000	ng	0.00
64) Phenanthrene-d10	11.127	188	436376	20.000	ng	0.00
76) Chrysene-d12	13.757	240	224432	20.000	ng	0.00
86) Perylene-d12	15.133	264	255655	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.234	112	947736	135.197	ng	0.02
7) Phenol-d6	6.269	99	1157284	131.941	ng	0.00
23) Nitrobenzene-d5	7.187	82	736572	77.216	ng	0.00
42) 2,4,6-Tribromophenol	10.445	330	361507	145.837	ng	0.00
45) 2-Fluorobiphenyl	8.981	172	1417756	79.803	ng	0.00
79) Terphenyl-d14	12.716	244	1338679	98.805	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.328	88	146660	45.554	ng	98
3) Pyridine	2.993	79	282872	33.682	ng	91
4) n-Nitrosodimethylamine	2.957	42	168598	36.911	ng	92
6) Aniline	6.281	93	419928	38.856	ng	# 40
8) 2-Chlorophenol	6.404	128	370081	46.345	ng	92
9) Benzaldehyde	6.163	77	145610	24.783	ng	94
10) Phenol	6.281	94	440812	42.885	ng	# 62
11) bis(2-Chloroethyl)ether	6.363	93	336756	45.421	ng	93
12) 1,3-Dichlorobenzene	6.551	146	388721	44.240	ng	98
13) 1,4-Dichlorobenzene	6.634	146	395048	44.089	ng	97
14) 1,2-Dichlorobenzene	6.781	146	371123	44.338	ng	98
15) Benzyl Alcohol	6.775	79	284997	40.981	ng	95
16) 2,2'-oxybis(1-Chloropr...	6.898	45	423195	39.136	ng	76
17) 2-Methylphenol	6.887	107	302232	46.559	ng	96
18) Hexachloroethane	7.122	117	150281	42.549	ng	97
19) n-Nitroso-di-n-propyla...	7.045	70	248415	41.972	ng	93
20) 3+4-Methylphenols	7.045	107	367499	43.580	ng	# 62
22) Acetophenone	7.034	105	519375	43.591	ng	# 90
24) Nitrobenzene	7.210	77	383816	39.626	ng	91
25) Isophorone	7.451	82	688182	44.760	ng	98
26) 2-Nitrophenol	7.522	139	197443	49.726	ng	89
27) 2,4-Dimethylphenol	7.569	122	309617	50.643	ng	97
28) bis(2-Chloroethoxy)met...	7.663	93	409148	47.260	ng	100
29) 2,4-Dichlorophenol	7.769	162	298783	44.597	ng	94
30) 1,2,4-Trichlorobenzene	7.839	180	315277	43.527	ng	97
31) Naphthalene	7.922	128	1042424	41.519	ng	100
32) Benzoic acid	7.734	122	172705	36.529	ng	94
33) 4-Chloroaniline	7.981	127	356951	37.381	ng	95
34) Hexachlorobutadiene	8.034	225	195253	42.179	ng	99
35) Caprolactam	8.363	113	52254	27.207	ng	# 86
36) 4-Chloro-3-methylphenol	8.475	107	330874	44.556	ng	99
37) 2-Methylnaphthalene	8.610	142	684753	42.776	ng	100
38) 1-Methylnaphthalene	8.710	142	644491	41.910	ng	100
40) 1,2,4,5-Tetrachloroben...	8.775	216	315340	44.665	ng	98
41) Hexachlorocyclopentadiene	8.763	237	300344	79.458	ng	99
43) 2,4,6-Trichlorophenol	8.892	196	206383	41.886	ng	97

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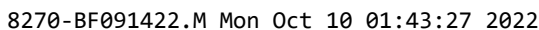
Instrument :
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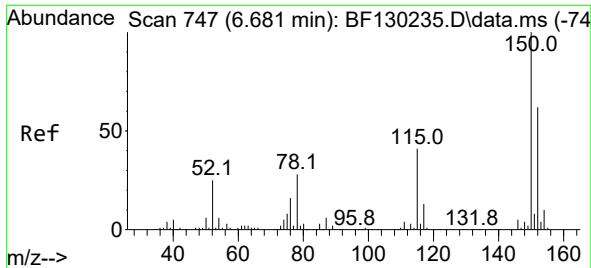
Quant Time: Oct 10 01:43:23 2022
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 07 02:06:46 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.945	196	222233	41.796	ng	95
46) 1,1'-Biphenyl	9.075	154	835371	43.237	ng	99
47) 2-Chloronaphthalene	9.098	162	649322	41.545	ng	99
48) 2-Nitroaniline	9.204	65	199606	38.291	ng	90
49) Acenaphthylene	9.510	152	962186	41.060	ng	99
50) Dimethylphthalate	9.386	163	770428	43.113	ng	99
51) 2,6-Dinitrotoluene	9.451	165	169493	45.352	ng	# 82
52) Acenaphthene	9.686	154	587942	38.186	ng	97
53) 3-Nitroaniline	9.622	138	148002	35.540	ng	87
54) 2,4-Dinitrophenol	9.733	184	162172	79.993	ng	# 85
55) Dibenzofuran	9.857	168	887578	41.445	ng	95
56) 4-Nitrophenol	9.798	139	213519	70.395	ng	89
57) 2,4-Dinitrotoluene	9.857	165	221650	46.406	ng	92
58) Fluorene	10.198	166	713765	40.753	ng	99
59) 2,3,4,6-Tetrachlorophenol	9.980	232	176737	42.467	ng	91
60) Diethylphthalate	10.086	149	757088	42.248	ng	98
61) 4-Chlorophenyl-phenyle...	10.192	204	337755	43.960	ng	95
62) 4-Nitroaniline	10.239	138	158233	37.824	ng	87
63) Azobenzene	10.351	77	693742	37.596	ng	96
65) 4,6-Dinitro-2-methylph...	10.263	198	110331	45.419	ng	92
66) n-Nitrosodiphenylamine	10.316	169	615768	42.227	ng	99
67) 4-Bromophenyl-phenylether	10.680	248	220215	45.746	ng	91
68) Hexachlorobenzene	10.739	284	250377	45.882	ng	99
69) Atrazine	10.851	200	197571	46.362	ng	96
70) Pentachlorophenol	10.939	266	209581	71.562	ng	99
71) Phenanthrene	11.157	178	989111	40.372	ng	100
72) Anthracene	11.204	178	1002647	42.408	ng	100
73) Carbazole	11.369	167	888244	41.628	ng	98
74) Di-n-butylphthalate	11.698	149	1102277	42.839	ng	99
75) Fluoranthene	12.333	202	938972	39.662	ng	100
77) Benzidine	12.469	184	376709	57.821	ng	99
78) Pyrene	12.563	202	917410	46.727	ng	99
80) Butylbenzylphthalate	13.186	149	344893	47.418	ng	100
81) Benzo(a)anthracene	13.745	228	640692	42.912	ng	99
82) 3,3'-Dichlorobenzidine	13.716	252	199430	49.070	ng	99
83) Chrysene	13.786	228	601548	42.433	ng	99
84) Bis(2-ethylhexyl)phtha...	13.745	149	410365	49.256	ng	99
85) Di-n-octyl phthalate	14.357	149	711940	55.871	ng	96
87) Indeno(1,2,3-cd)pyrene	16.445	276	858591	47.359	ng	98
88) Benzo(b)fluoranthene	14.757	252	717759	43.014	ng	100
89) Benzo(k)fluoranthene	14.786	252	691796	42.146	ng	99
90) Benzo(a)pyrene	15.086	252	638988	48.336	ng	98
91) Dibenzo(a,h)anthracene	16.462	278	752220	50.577	ng	99
92) Benzo(g,h,i)perylene	16.845	276	740505	49.427	ng	97

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

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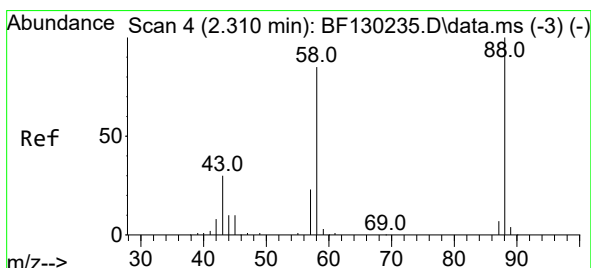
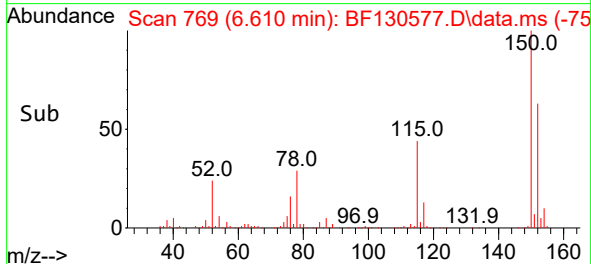
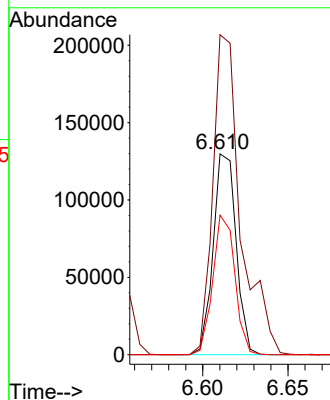
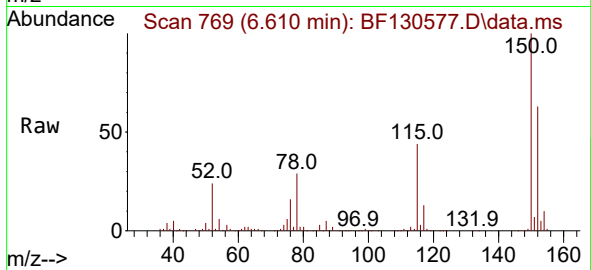




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.610 min Scan# 7
 Delta R.T. -0.006 min
 Lab File: BF130577.D
 Acq: 07 Oct 2022 16:06

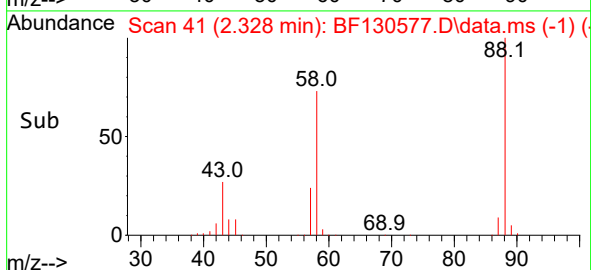
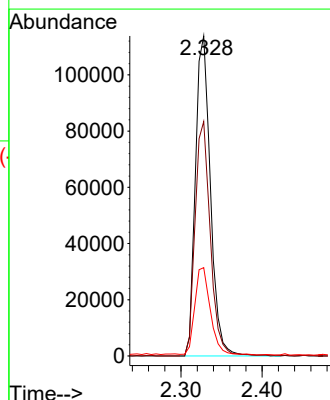
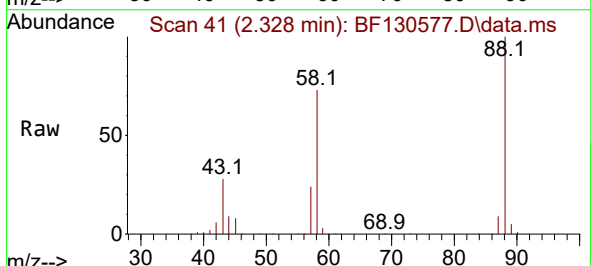
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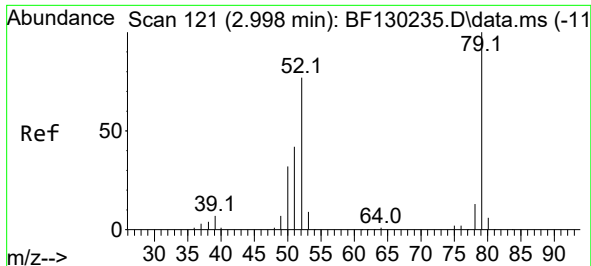
Tgt Ion:152 Resp: 121587
 Ion Ratio Lower Upper
 152 100
 150 159.4 122.8 184.2
 115 69.5 53.8 80.8



#2
 1,4-Dioxane
 Concen: 45.554 ng
 RT: 2.328 min Scan# 41
 Delta R.T. 0.135 min
 Lab File: BF130577.D
 Acq: 07 Oct 2022 16:06

Tgt Ion: 88 Resp: 146660
 Ion Ratio Lower Upper
 88 100
 58 74.3 61.3 91.9
 43 28.3 23.0 34.6

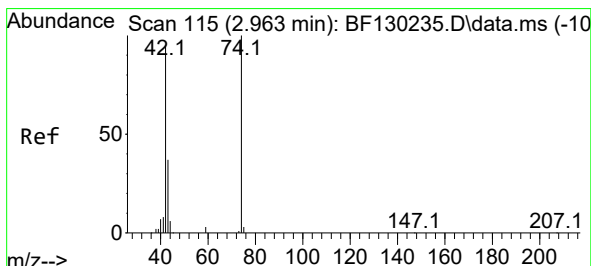
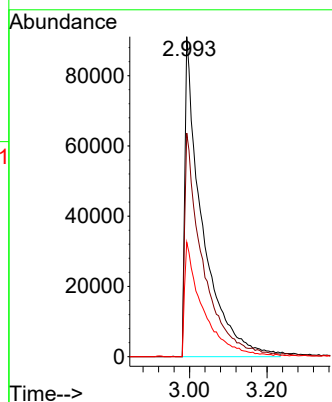
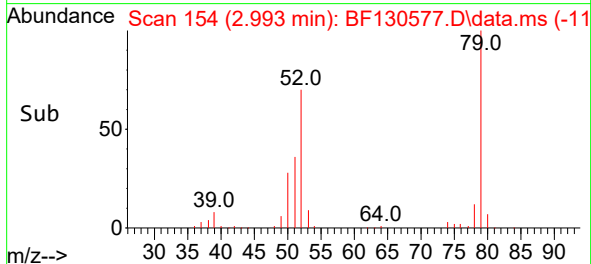
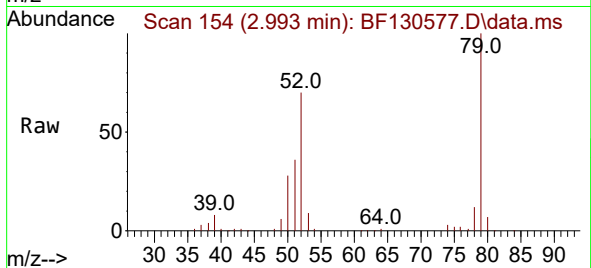




#3
Pyridine
Concen: 33.682 ng
RT: 2.993 min Scan# 11
Delta R.T. 0.135 min
Lab File: BF130577.D
Acq: 07 Oct 2022 16:06

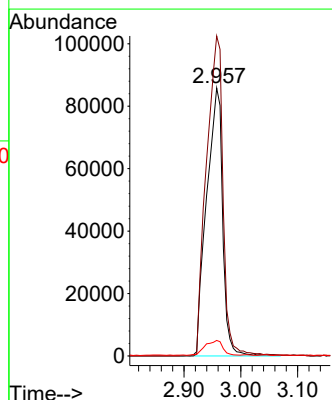
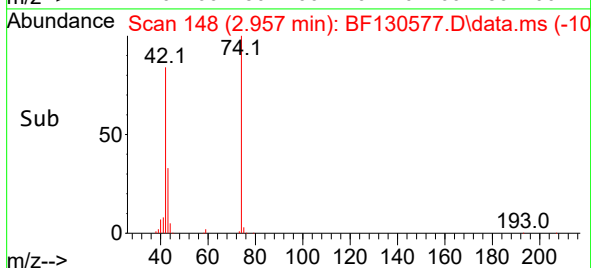
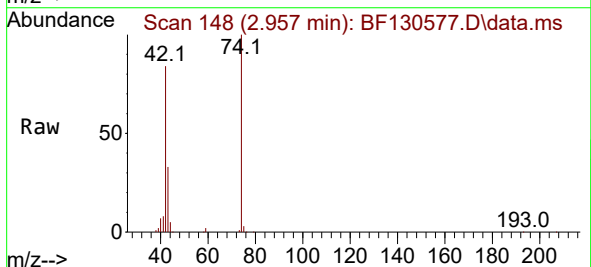
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ClientSampleId :
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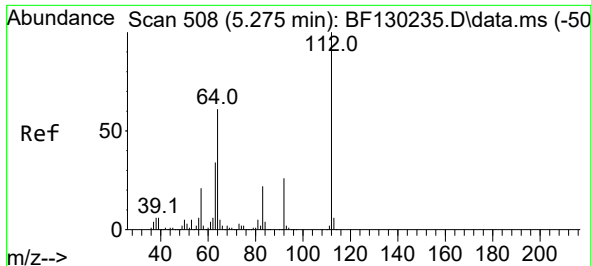
Tgt Ion: 79 Resp: 282872
Ion Ratio Lower Upper
79 100
52 69.9 62.4 93.6
51 35.8 32.2 48.4



#4
n-Nitrosodimethylamine
Concen: 36.911 ng
RT: 2.957 min Scan# 148
Delta R.T. 0.129 min
Lab File: BF130577.D
Acq: 07 Oct 2022 16:06

Tgt Ion: 42 Resp: 168598
Ion Ratio Lower Upper
42 100
74 119.4 88.4 132.6
44 5.8 5.0 7.4

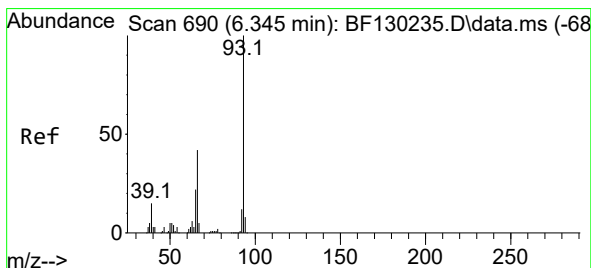
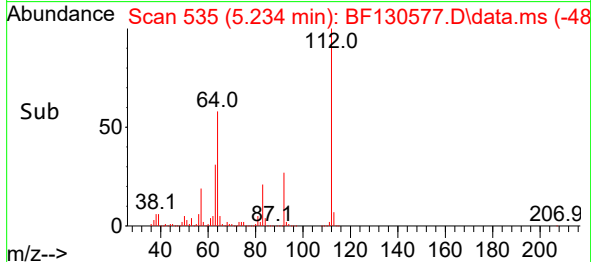
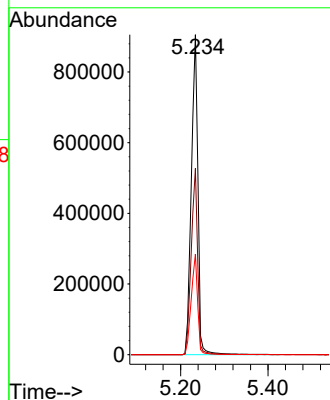
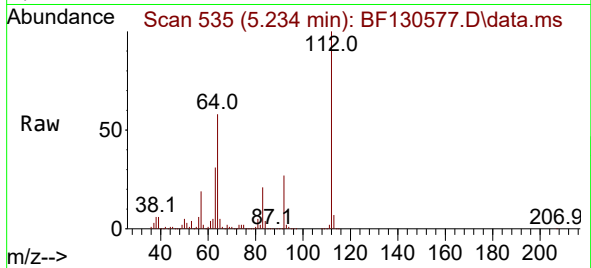




#5
2-Fluorophenol
Concen: 135.197 ng
RT: 5.234 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF130577.D
Acq: 07 Oct 2022 16:06

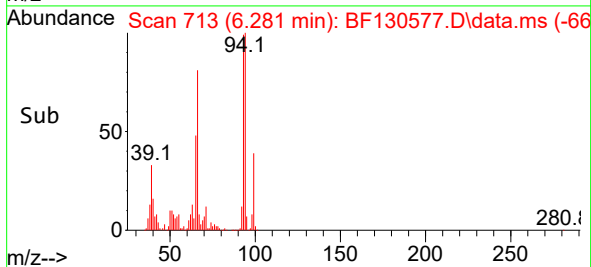
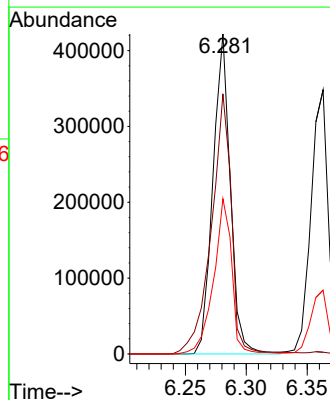
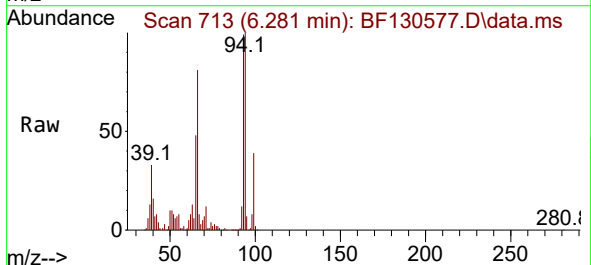
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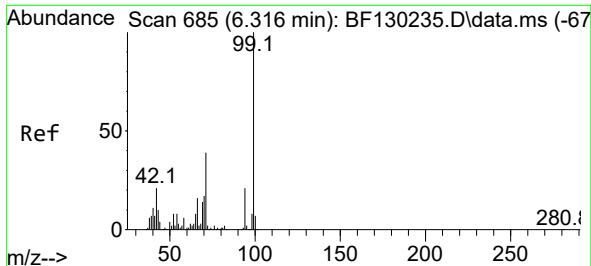
Tgt Ion:112 Resp: 947736
Ion Ratio Lower Upper
112 100
64 58.2 51.4 77.0
63 31.4 28.8 43.2



#6
Aniline
Concen: 38.856 ng
RT: 6.281 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF130577.D
Acq: 07 Oct 2022 16:06

Tgt Ion: 93 Resp: 419928
Ion Ratio Lower Upper
93 100
66 81.3 34.2 51.4#
65 48.5 16.6 24.8#

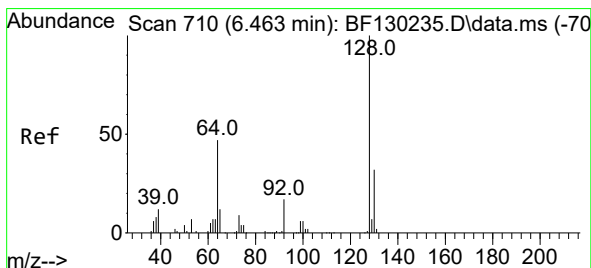
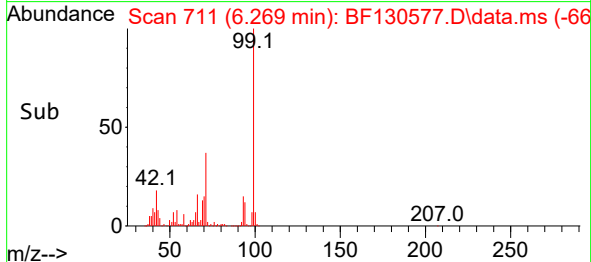
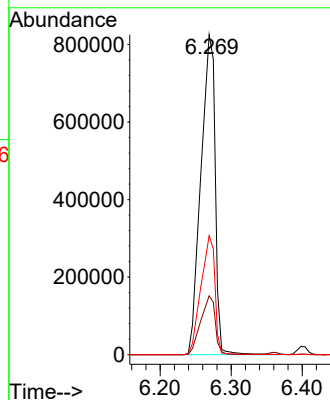
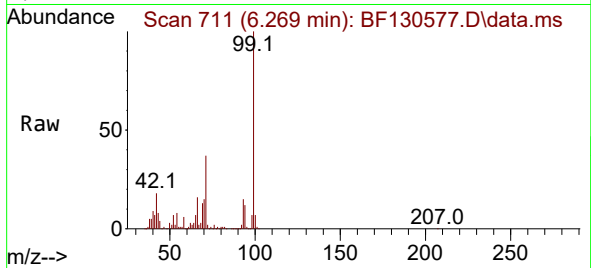




#7
Phenol-d6
Concen: 131.941 ng
RT: 6.269 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF130577.D
Acq: 07 Oct 2022 16:06

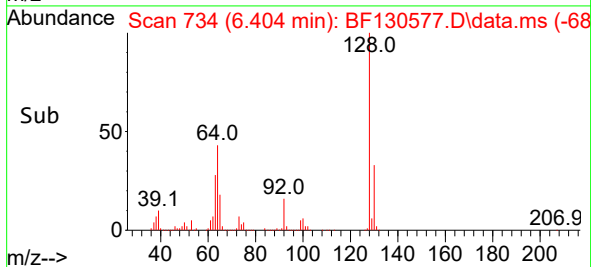
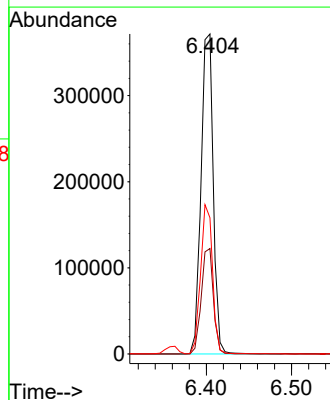
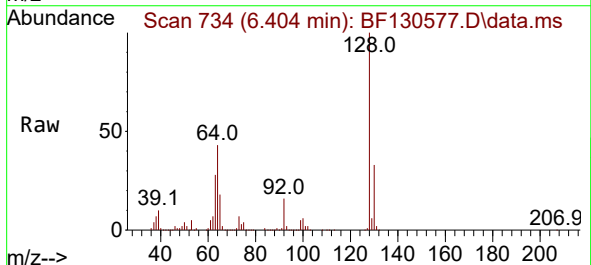
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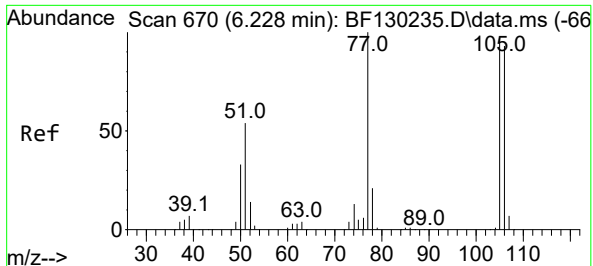
Tgt Ion: 99 Resp: 1157284
Ion Ratio Lower Upper
99 100
42 18.4 17.0 25.6
71 37.2 32.3 48.5



#8
2-Chlorophenol
Concen: 46.345 ng
RT: 6.404 min Scan# 734
Delta R.T. -0.000 min
Lab File: BF130577.D
Acq: 07 Oct 2022 16:06

Tgt Ion:128 Resp: 370081
Ion Ratio Lower Upper
128 100
130 33.0 12.4 52.4
64 42.6 31.6 71.6

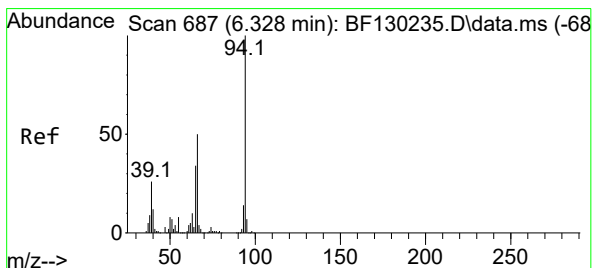
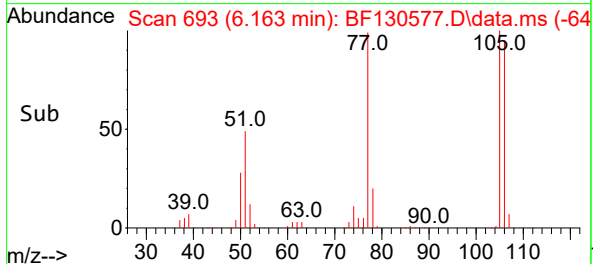
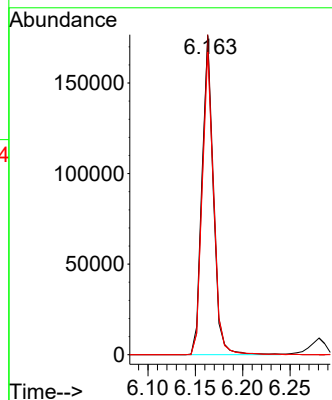
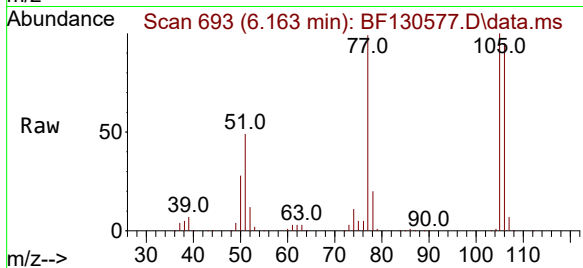




#9
Benzaldehyde
Concen: 24.783 ng
RT: 6.163 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF130577.D
Acq: 07 Oct 2022 16:06

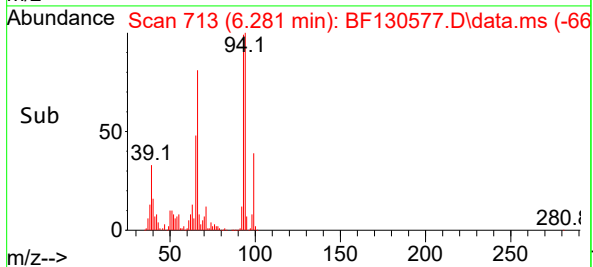
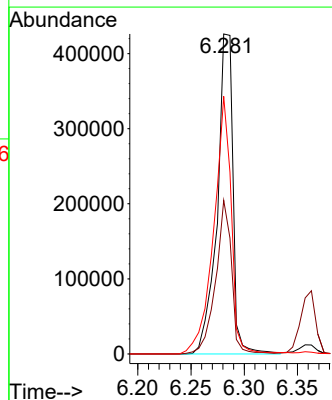
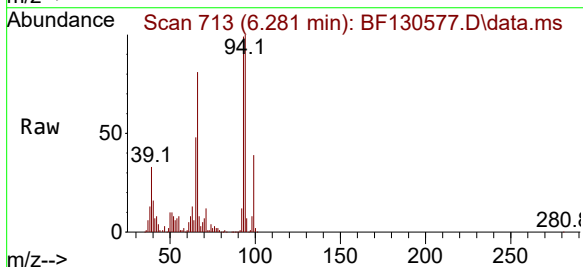
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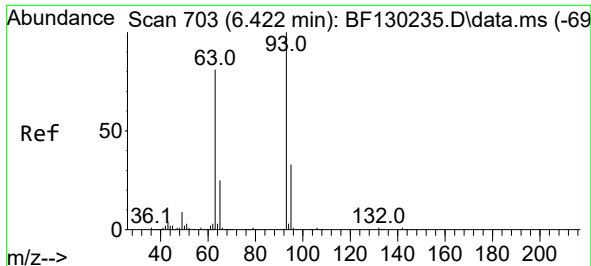
Tgt Ion: 77 Resp: 145610
Ion Ratio Lower Upper
77 100
105 100.5 75.1 115.1
106 95.1 69.7 109.7



#10
Phenol
Concen: 42.885 ng
RT: 6.281 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF130577.D
Acq: 07 Oct 2022 16:06

Tgt Ion: 94 Resp: 440812
Ion Ratio Lower Upper
94 100
65 48.0 14.1 54.1
66 80.5 28.1 68.1#





#11

bis(2-Chloroethyl)ether

Concen: 45.421 ng

RT: 6.363 min Scan# 719

Delta R.T. -0.000 min

Lab File: BF130577.D

Acq: 07 Oct 2022 16:06

Instrument :

BNA_F

ClientSampleId :

PB148182BS

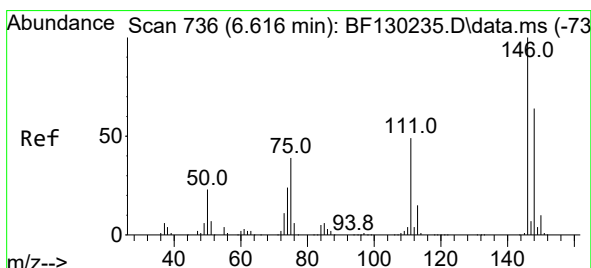
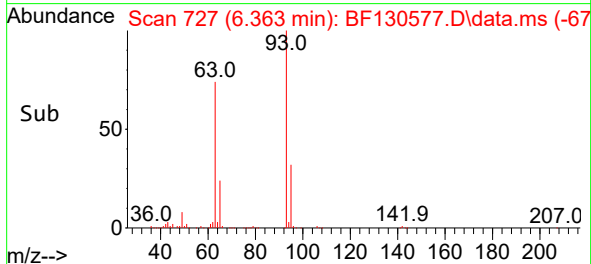
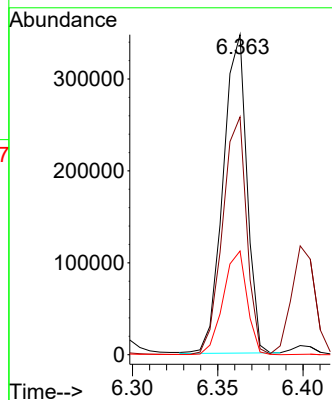
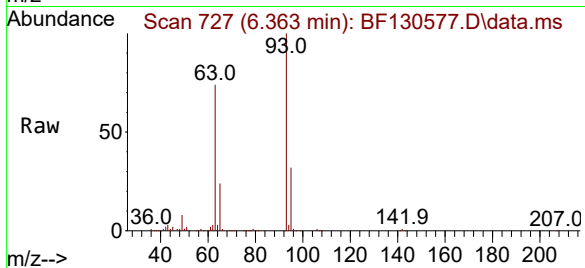
Tgt Ion: 93 Resp: 336756

Ion Ratio Lower Upper

93 100

63 74.3 62.5 102.5

95 32.4 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 44.240 ng

RT: 6.551 min Scan# 759

Delta R.T. -0.006 min

Lab File: BF130577.D

Acq: 07 Oct 2022 16:06

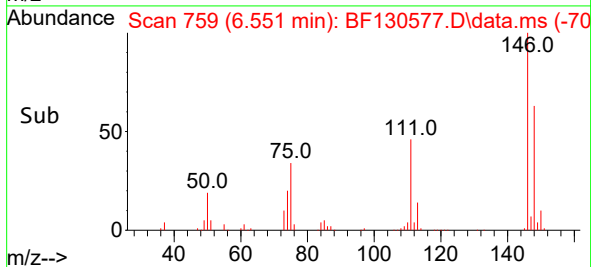
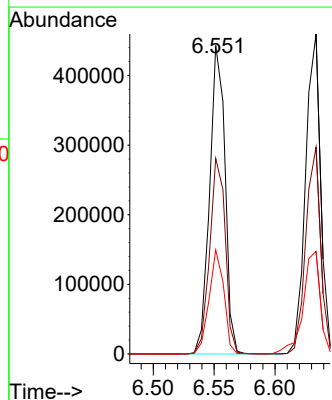
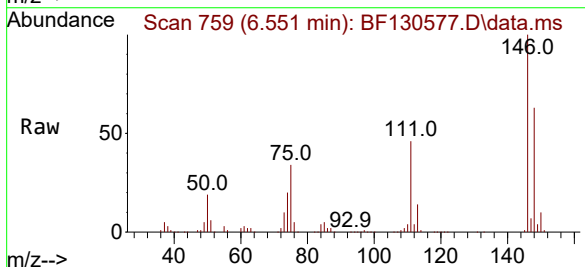
Tgt Ion:146 Resp: 388721

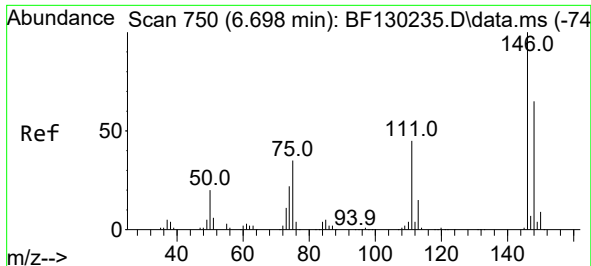
Ion Ratio Lower Upper

146 100

148 63.4 51.4 77.2

75 33.7 28.8 43.2





#13

1,4-Dichlorobenzene

Concen: 44.089 ng

RT: 6.634 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF130577.D

Acq: 07 Oct 2022 16:06

Instrument :

BNA_F

ClientSampleId :

PB148182BS

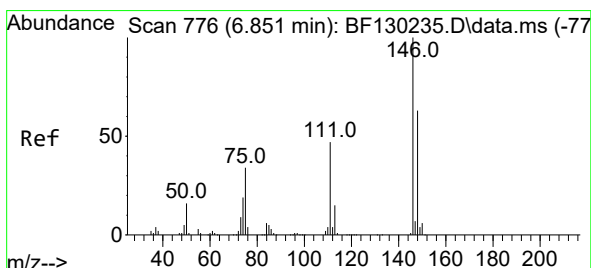
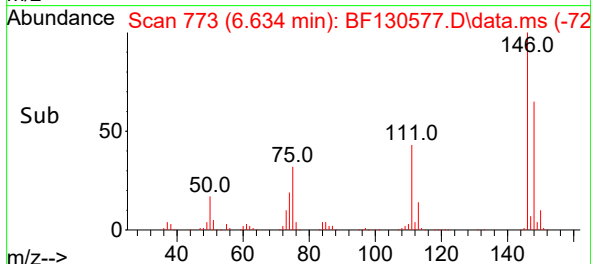
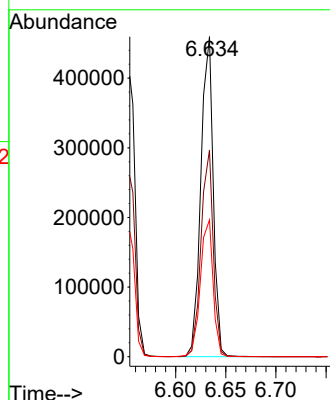
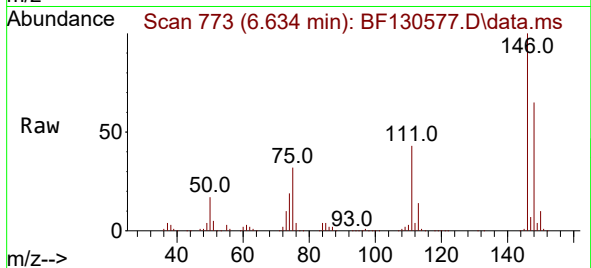
Tgt Ion:146 Resp: 395048

Ion Ratio Lower Upper

146 100

148 64.6 50.3 75.5

111 42.8 36.3 54.5



#14

1,2-Dichlorobenzene

Concen: 44.338 ng

RT: 6.781 min Scan# 798

Delta R.T. -0.006 min

Lab File: BF130577.D

Acq: 07 Oct 2022 16:06

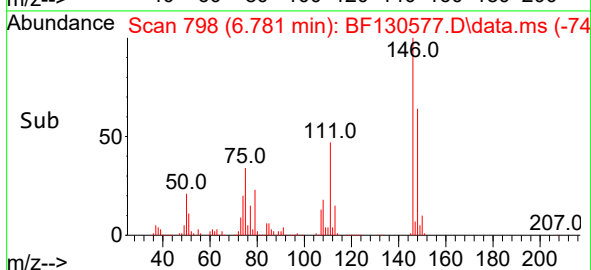
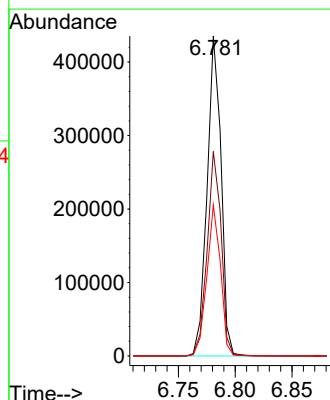
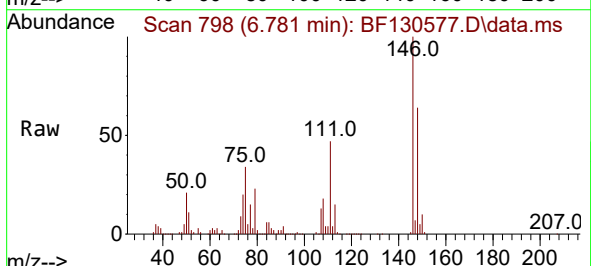
Tgt Ion:146 Resp: 371123

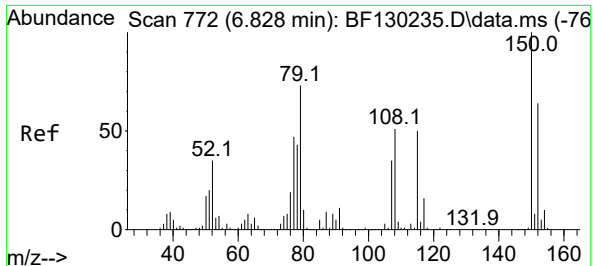
Ion Ratio Lower Upper

146 100

148 63.9 51.6 77.4

111 47.1 39.2 58.8

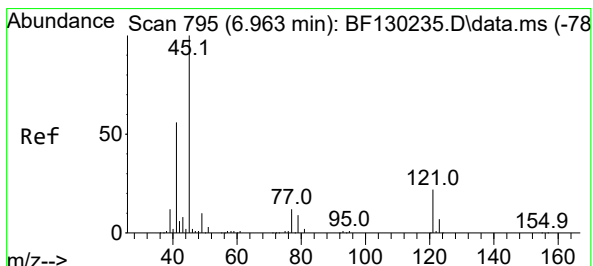
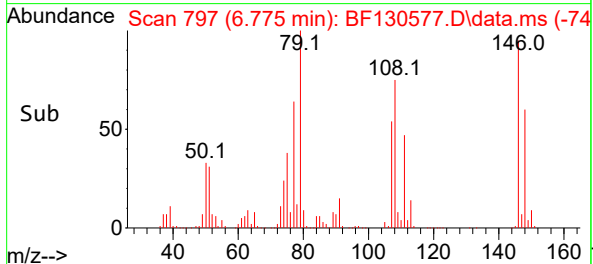
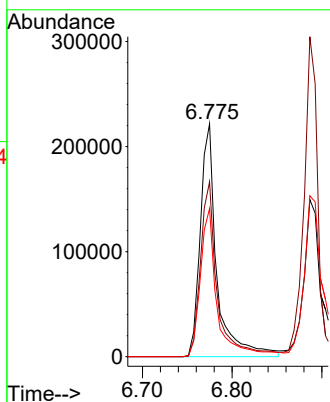
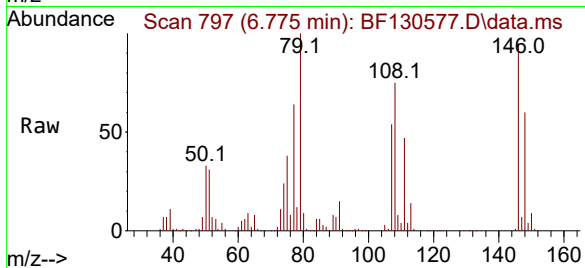




#15
Benzyl Alcohol
Concen: 40.981 ng
RT: 6.775 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130577.D
Acq: 07 Oct 2022 16:06

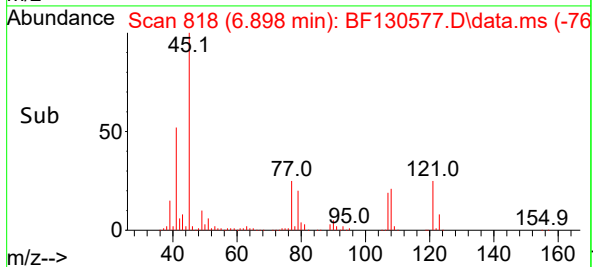
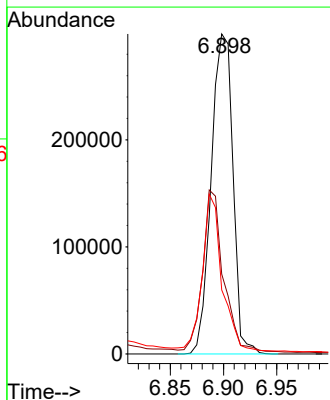
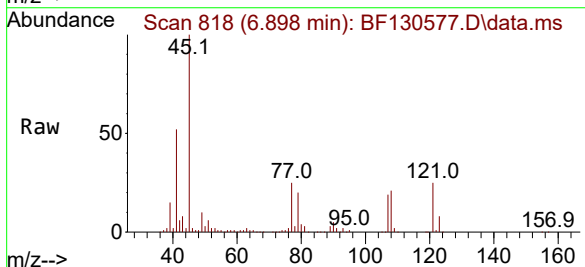
Instrument :
BNA_F
ClientSampleId :
PB148182BS

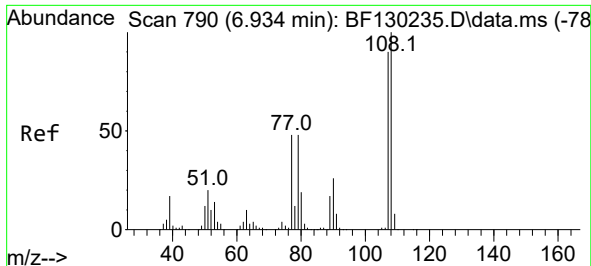
Tgt Ion: 79 Resp: 284997
Ion Ratio Lower Upper
79 100
108 75.0 54.0 81.0
77 63.6 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.136 ng
RT: 6.898 min Scan# 818
Delta R.T. -0.000 min
Lab File: BF130577.D
Acq: 07 Oct 2022 16:06

Tgt Ion: 45 Resp: 423195
Ion Ratio Lower Upper
45 100
77 24.9 0.0 34.9
79 20.0 0.0 31.0





#17

2-Methylphenol

Concen: 46.559 ng

RT: 6.887 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF130577.D

Acq: 07 Oct 2022 16:06

Instrument :

BNA_F

ClientSampleId :

PB148182BS

Tgt Ion:107 Resp: 302232

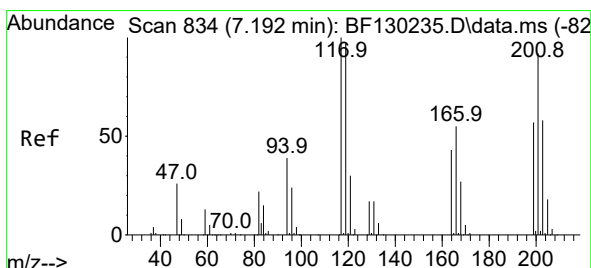
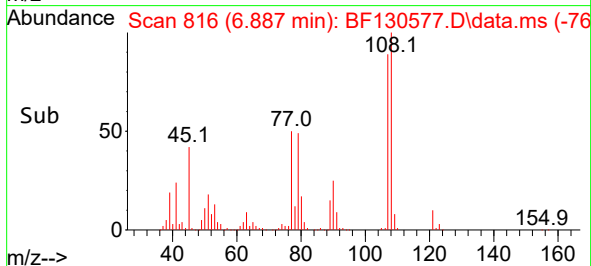
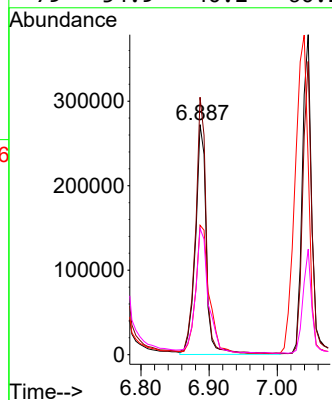
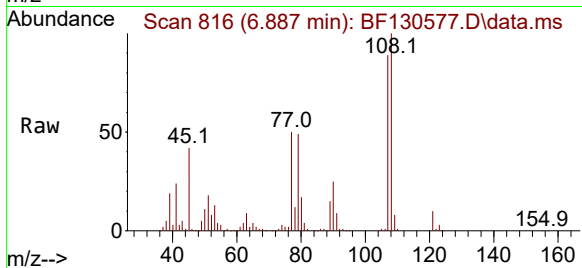
Ion Ratio Lower Upper

107 100

108 111.9 89.4 134.0

77 56.3 40.6 60.8

79 54.9 40.2 60.2



#18

Hexachloroethane

Concen: 42.549 ng

RT: 7.122 min Scan# 856

Delta R.T. -0.006 min

Lab File: BF130577.D

Acq: 07 Oct 2022 16:06

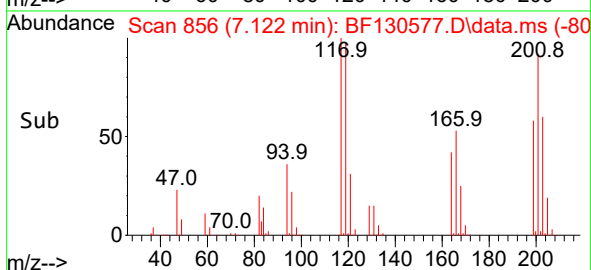
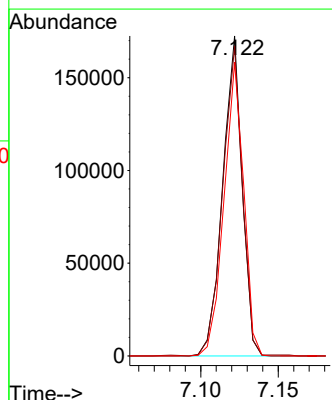
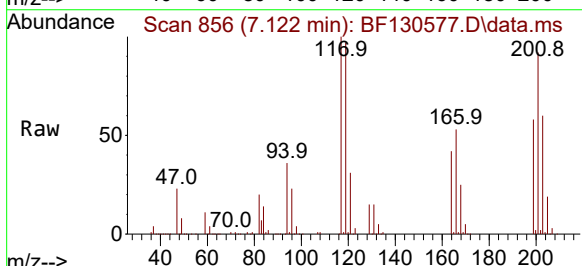
Tgt Ion:117 Resp: 150281

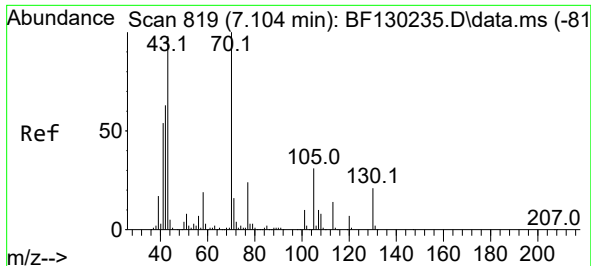
Ion Ratio Lower Upper

117 100

119 96.9 77.8 116.6

201 91.8 68.7 103.1



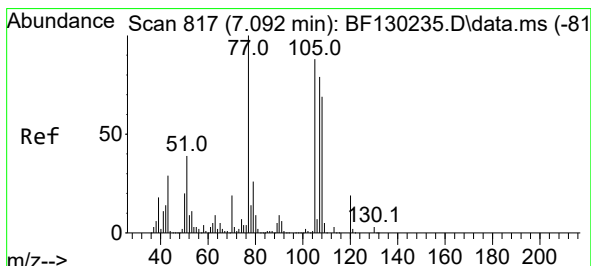
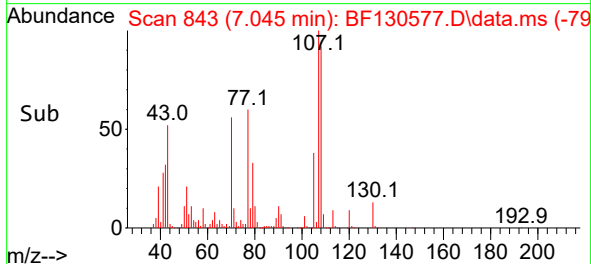
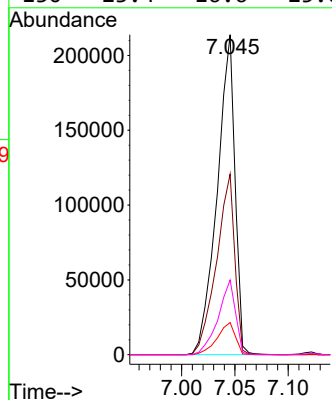
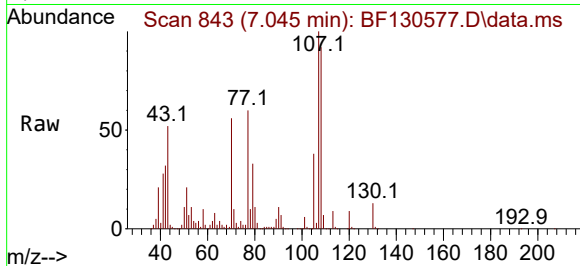


#19
n-Nitroso-di-n-propylamine
Concen: 41.972 ng
RT: 7.045 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF130577.D
Acq: 07 Oct 2022 16:06

Instrument :
BNA_F
ClientSampleId :
PB148182BS

Tgt Ion: 70 Resp: 248415

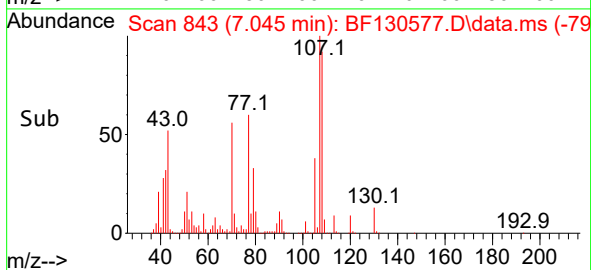
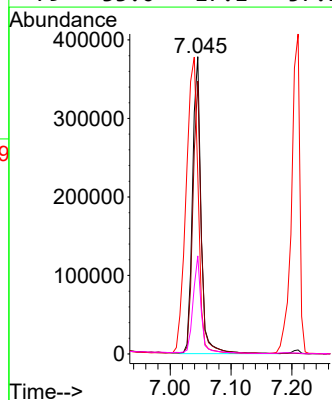
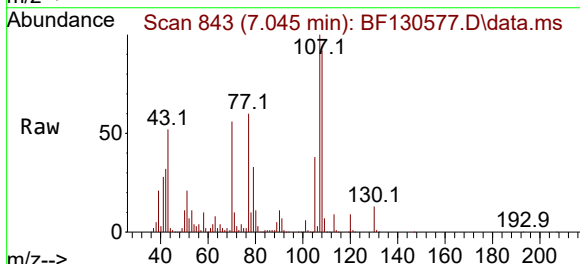
Ion	Ratio	Lower	Upper
70	100		
42	56.4	50.8	76.2
101	10.0	8.2	12.4
130	23.4	16.6	25.0

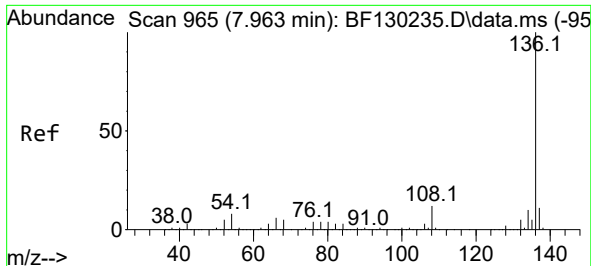


#20
3+4-Methylphenols
Concen: 43.580 ng
RT: 7.045 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF130577.D
Acq: 07 Oct 2022 16:06

Tgt Ion: 107 Resp: 367499

Ion	Ratio	Lower	Upper
107	100		
108	91.7	74.8	114.8
77	60.0	125.8	165.8#
79	33.0	17.1	57.1



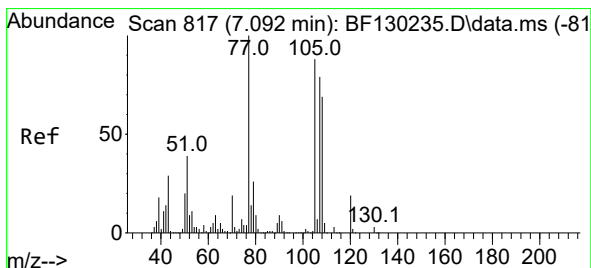
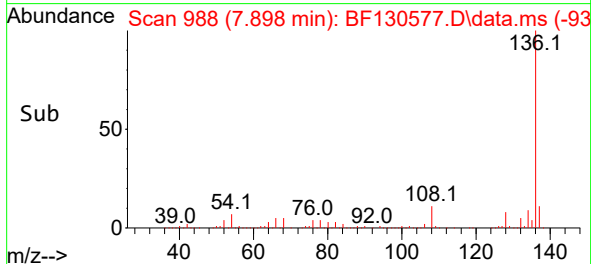
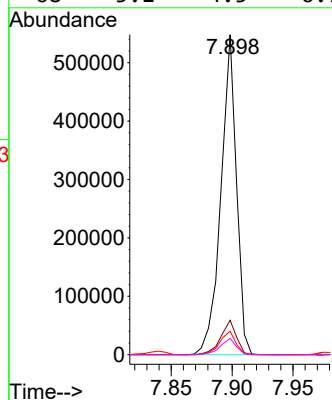
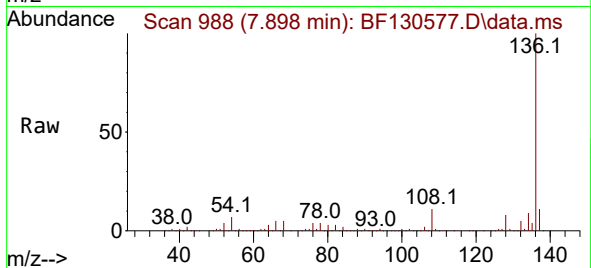


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.898 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130577.D
Acq: 07 Oct 2022 16:06

Instrument :
BNA_F
ClientSampleId :
PB148182BS

Tgt Ion:136 Resp: 487339

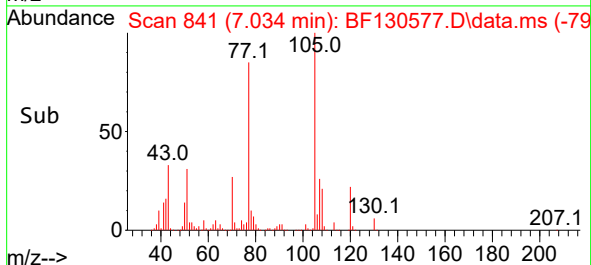
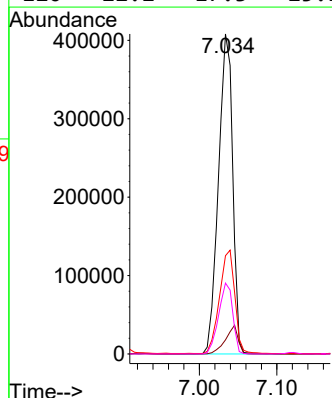
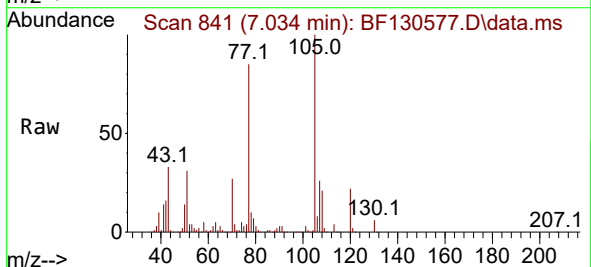
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	7.3	7.1	10.7
68	5.1	4.5	6.7

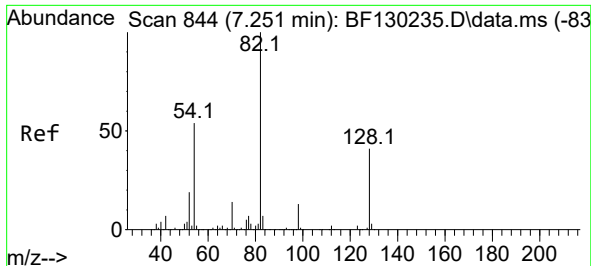


#22
Acetophenone
Concen: 43.591 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF130577.D
Acq: 07 Oct 2022 16:06

Tgt Ion:105 Resp: 519375

Ion	Ratio	Lower	Upper
105	100		
71	4.4	3.9	5.9
51	30.7	32.2	48.2
120	22.2	17.3	25.9





#23

Nitrobenzene-d5

Concen: 77.216 ng

RT: 7.187 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF130577.D

Acq: 07 Oct 2022 16:06

Instrument :

BNA_F

ClientSampleId :

PB148182BS

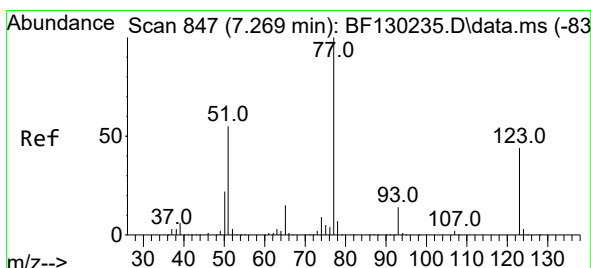
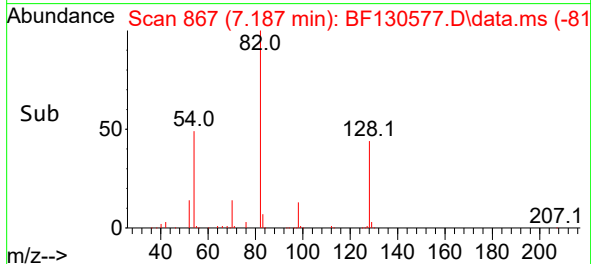
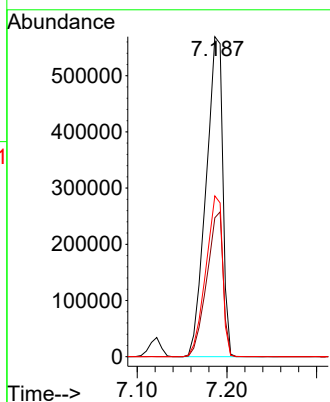
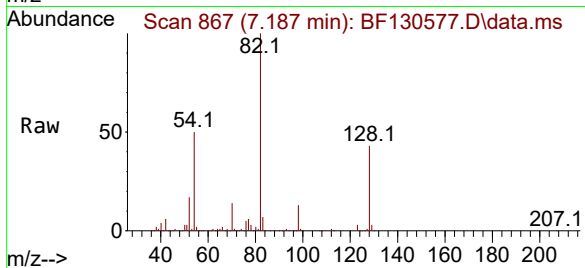
Tgt Ion: 82 Resp: 736572

Ion Ratio Lower Upper

82 100

128 43.4 32.6 49.0

54 50.3 43.8 65.6



#24

Nitrobenzene

Concen: 39.626 ng

RT: 7.210 min Scan# 871

Delta R.T. -0.000 min

Lab File: BF130577.D

Acq: 07 Oct 2022 16:06

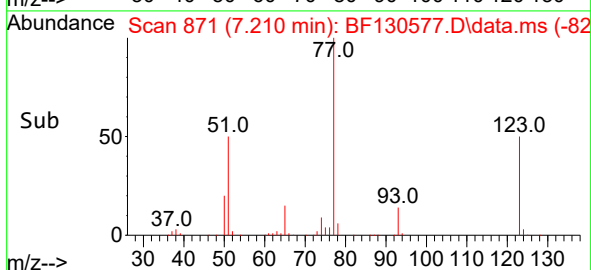
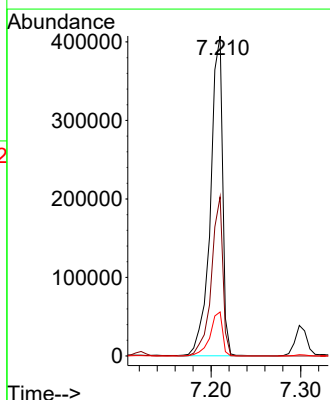
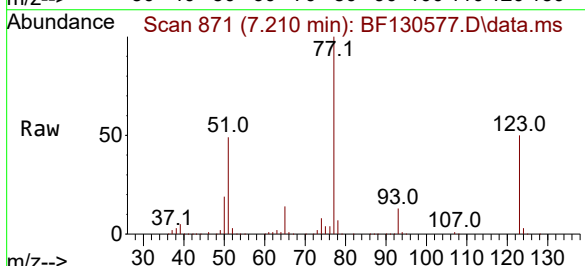
Tgt Ion: 77 Resp: 383816

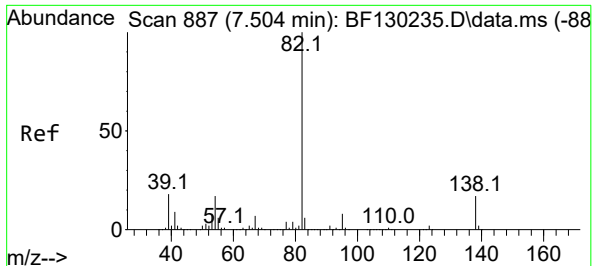
Ion Ratio Lower Upper

77 100

123 49.7 34.3 51.5

65 13.8 12.0 18.0

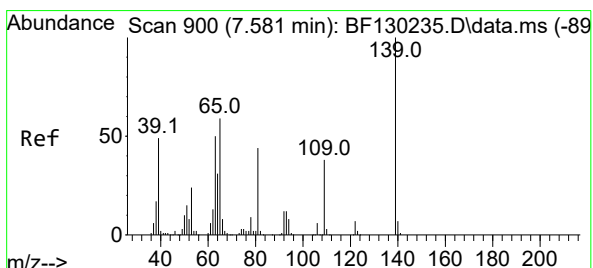
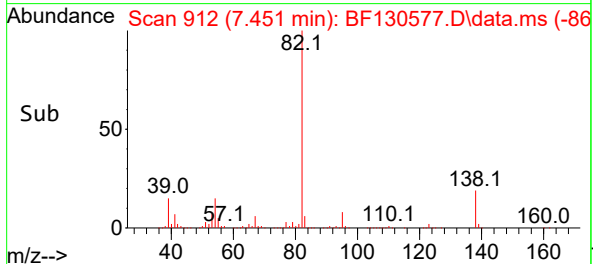
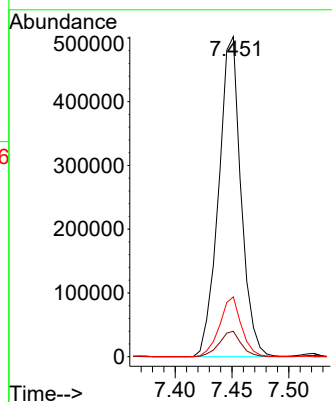
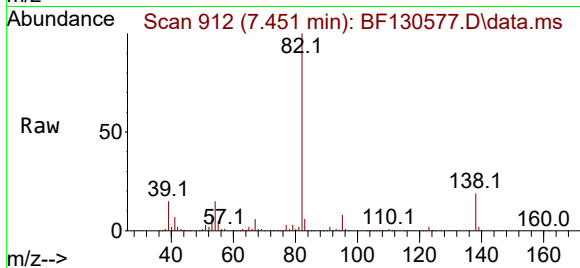




#25
Isophorone
Concen: 44.760 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.000 min
Lab File: BF130577.D
Acq: 07 Oct 2022 16:06

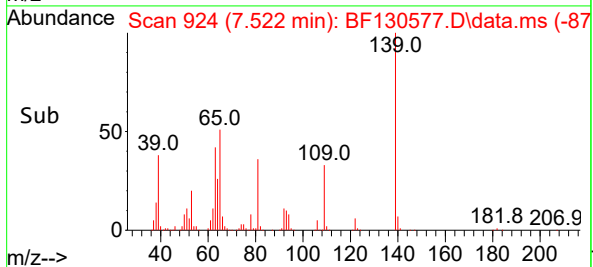
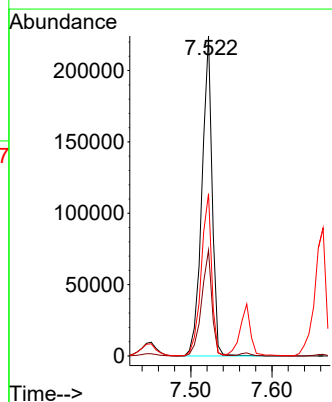
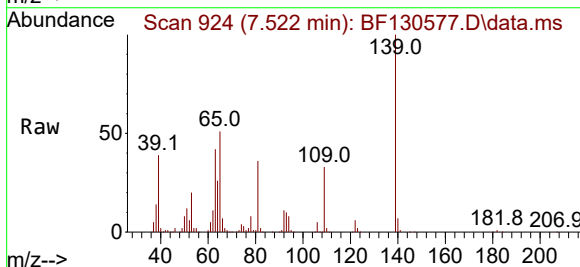
Instrument :
BNA_F
ClientSampleId :
PB148182BS

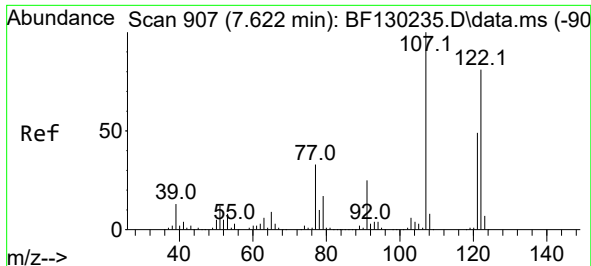
Tgt Ion: 82 Resp: 688182
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 18.7 13.8 20.6



#26
2-Nitrophenol
Concen: 49.726 ng
RT: 7.522 min Scan# 924
Delta R.T. -0.000 min
Lab File: BF130577.D
Acq: 07 Oct 2022 16:06

Tgt Ion: 139 Resp: 197443
Ion Ratio Lower Upper
139 100
109 33.0 30.2 45.4
65 50.7 48.9 73.3





#27

2,4-Dimethylphenol

Concen: 50.643 ng

RT: 7.569 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF130577.D

Acq: 07 Oct 2022 16:06

Instrument :

BNA_F

ClientSampleId :

PB148182BS

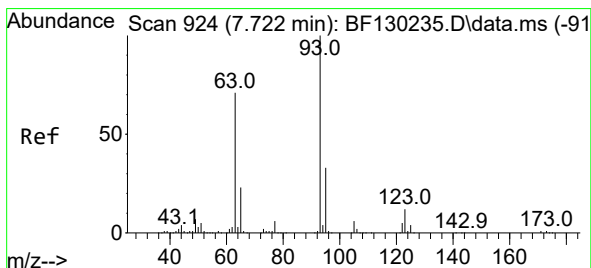
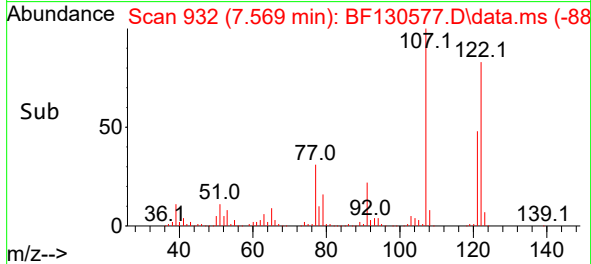
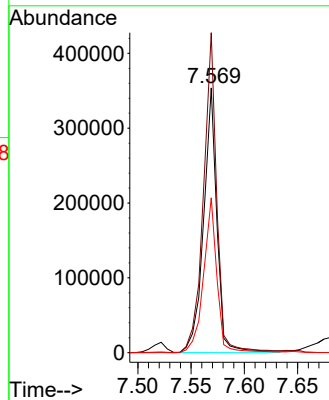
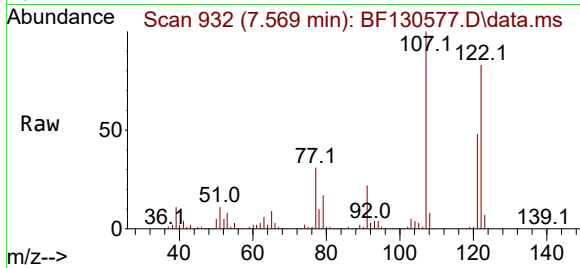
Tgt Ion:122 Resp: 309617

Ion Ratio Lower Upper

122 100

107 120.8 100.2 150.2

121 58.5 47.8 71.8



#28

bis(2-Chloroethoxy)methane

Concen: 47.260 ng

RT: 7.663 min Scan# 948

Delta R.T. -0.000 min

Lab File: BF130577.D

Acq: 07 Oct 2022 16:06

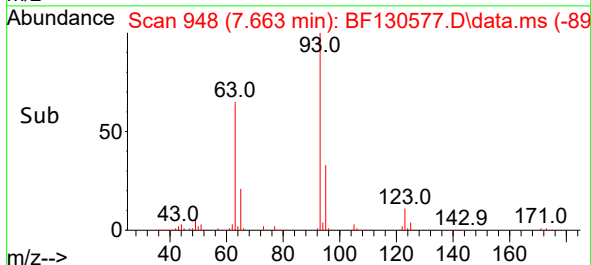
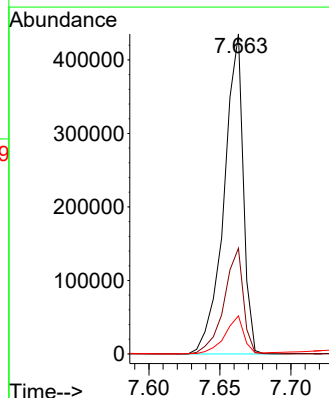
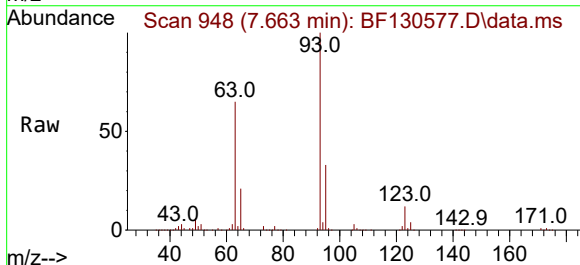
Tgt Ion: 93 Resp: 409148

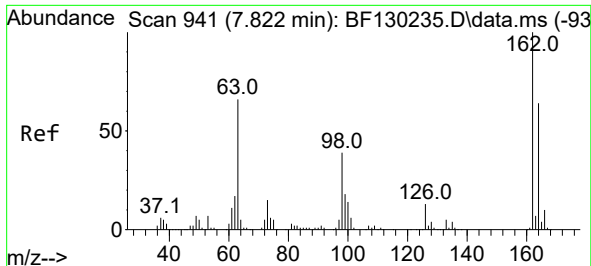
Ion Ratio Lower Upper

93 100

95 33.1 26.3 39.5

123 11.9 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 44.597 ng

RT: 7.769 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF130577.D

Acq: 07 Oct 2022 16:06

Instrument :

BNA_F

ClientSampleId :

PB148182BS

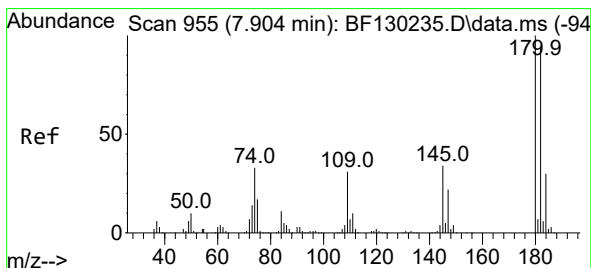
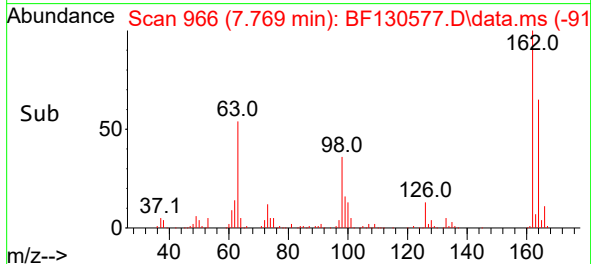
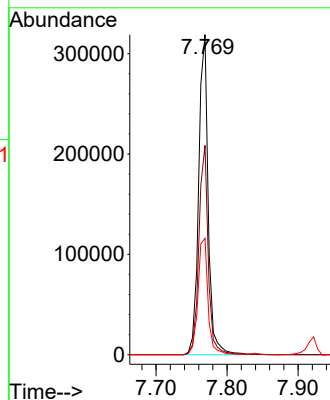
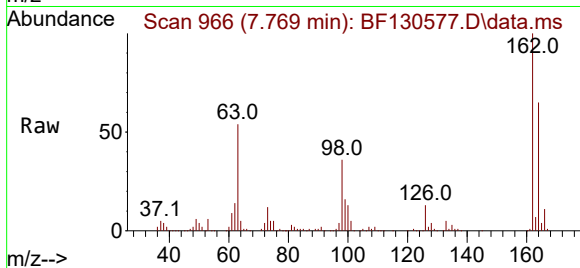
Tgt Ion:162 Resp: 298783

Ion Ratio Lower Upper

162 100

164 65.4 42.2 82.2

98 36.4 21.7 61.7



#30

1,2,4-Trichlorobenzene

Concen: 43.527 ng

RT: 7.839 min Scan# 978

Delta R.T. -0.006 min

Lab File: BF130577.D

Acq: 07 Oct 2022 16:06

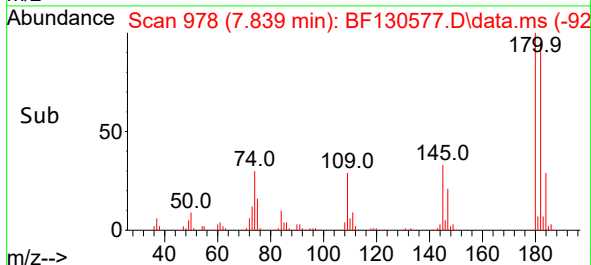
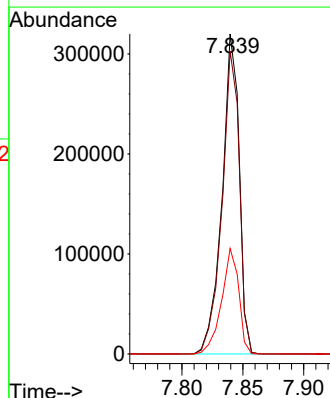
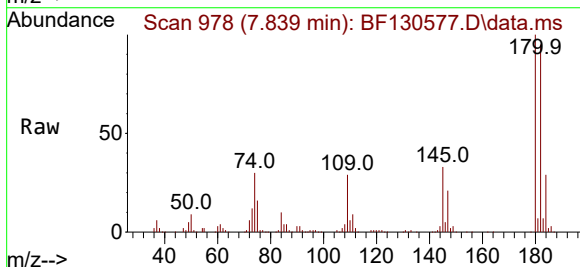
Tgt Ion:180 Resp: 315277

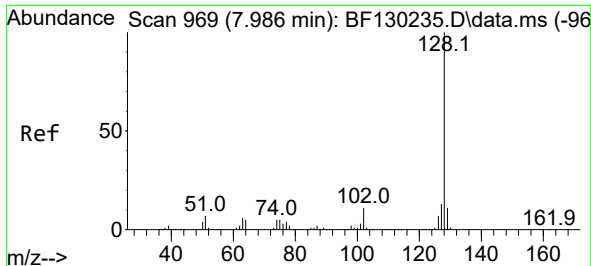
Ion Ratio Lower Upper

180 100

182 94.7 73.3 109.9

145 32.9 28.3 42.5

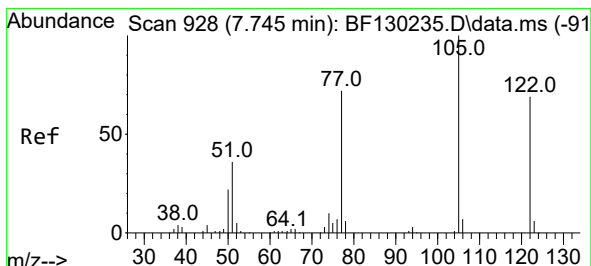
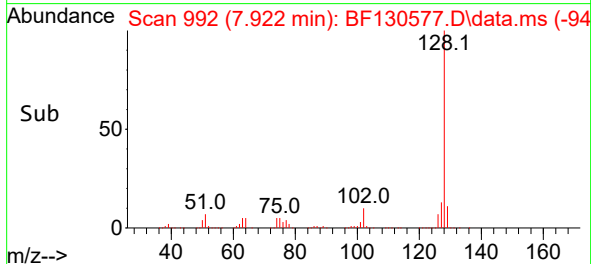
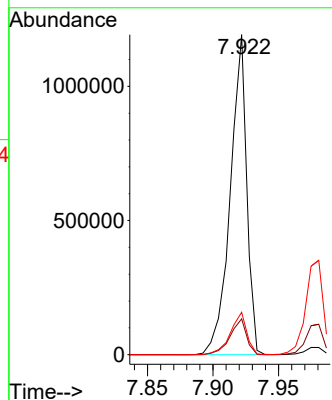
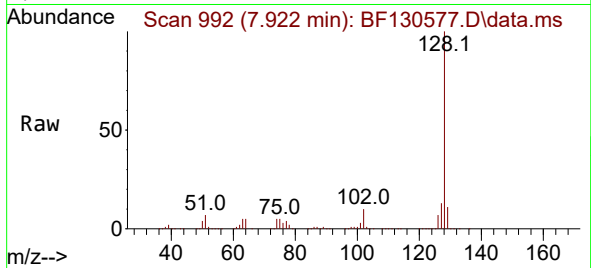




#31
Naphthalene
Concen: 41.519 ng
RT: 7.922 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130577.D
Acq: 07 Oct 2022 16:06

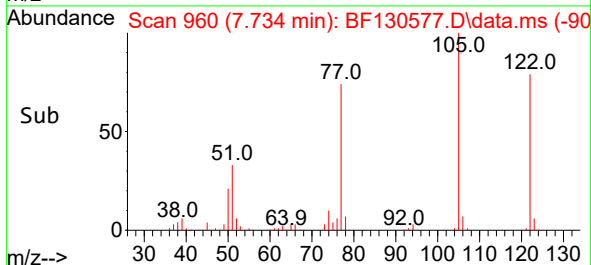
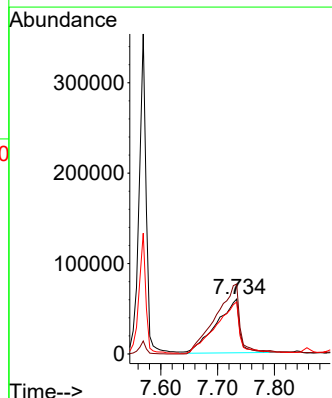
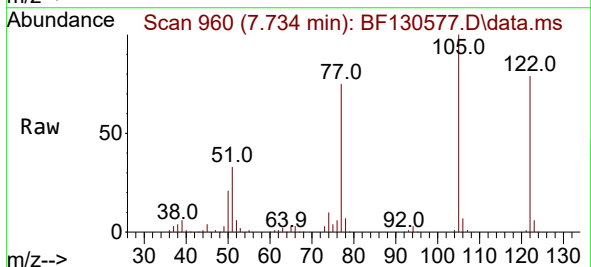
Instrument :
BNA_F
ClientSampleId :
PB148182BS

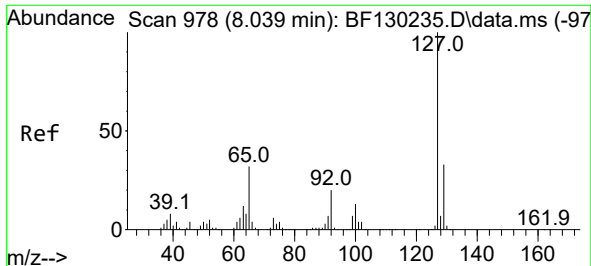
Tgt Ion:128 Resp: 1042424
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 13.3 10.6 16.0



#32
Benzoic acid
Concen: 36.529 ng
RT: 7.734 min Scan# 960
Delta R.T. 0.023 min
Lab File: BF130577.D
Acq: 07 Oct 2022 16:06

Tgt Ion:122 Resp: 172705
Ion Ratio Lower Upper
122 100
105 127.3 112.9 152.9
77 94.9 82.8 122.8

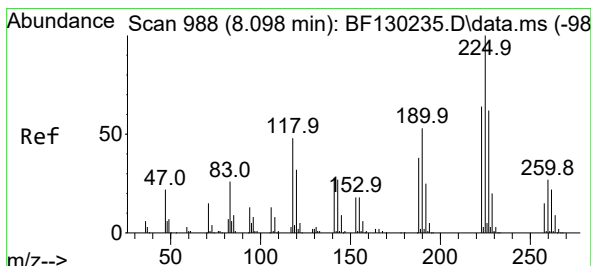
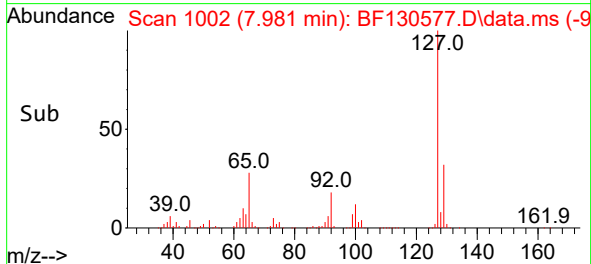
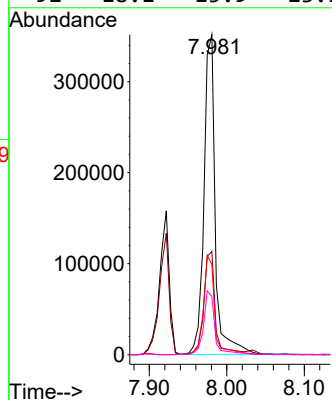
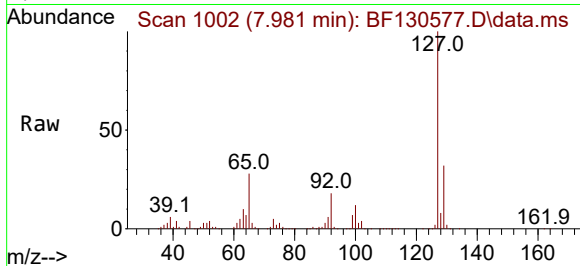




#33
4-Chloroaniline
Concen: 37.381 ng
RT: 7.981 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BF130577.D
Acq: 07 Oct 2022 16:06

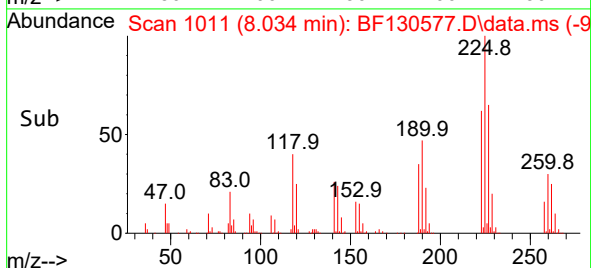
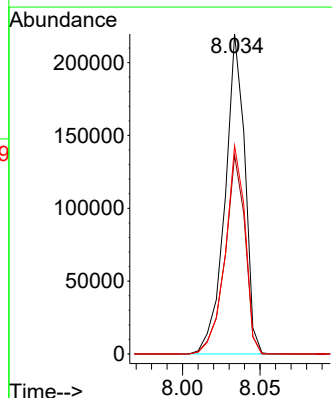
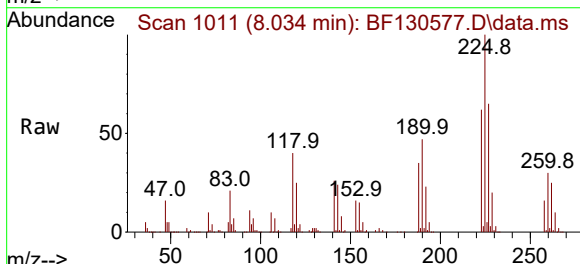
Instrument :
BNA_F
ClientSampleId :
PB148182BS

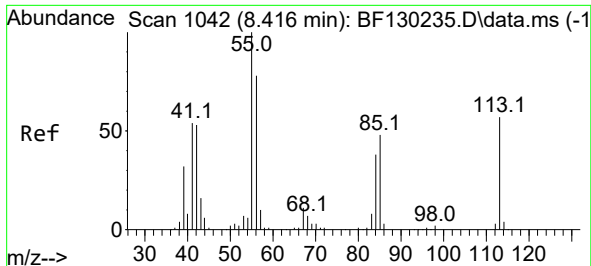
Tgt Ion:	127	Resp:	356951
Ion Ratio	Lower	Upper	
127	100		
129	32.3	25.6	38.4
65	28.1	27.0	40.6
92	18.1	15.9	23.9



#34
Hexachlorobutadiene
Concen: 42.179 ng
RT: 8.034 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BF130577.D
Acq: 07 Oct 2022 16:06

Tgt Ion:	225	Resp:	195253
Ion Ratio	Lower	Upper	
225	100		
223	62.1	50.3	75.5
227	65.1	51.1	76.7

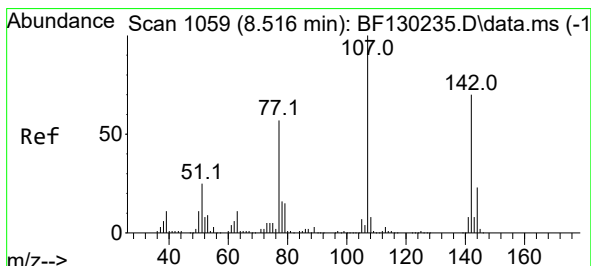
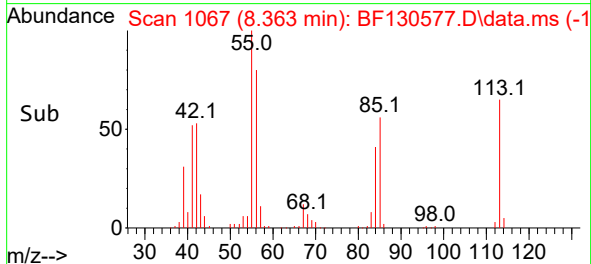
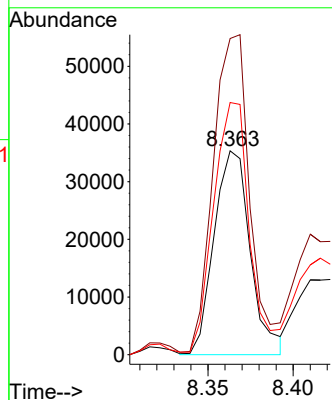
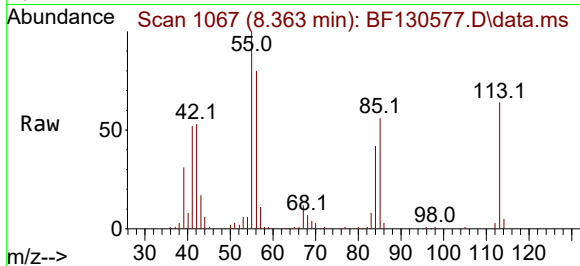




#35
 Caprolactam
 Concen: 27.207 ng
 RT: 8.363 min Scan# 1067
 Delta R.T. -0.000 min
 Lab File: BF130577.D
 Acq: 07 Oct 2022 16:06

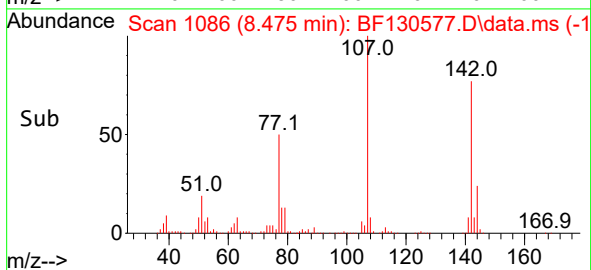
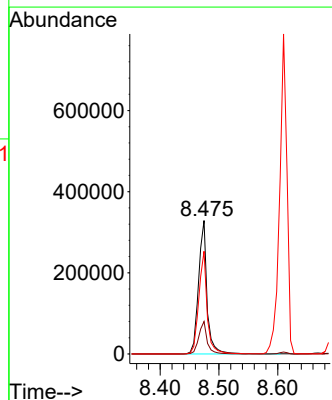
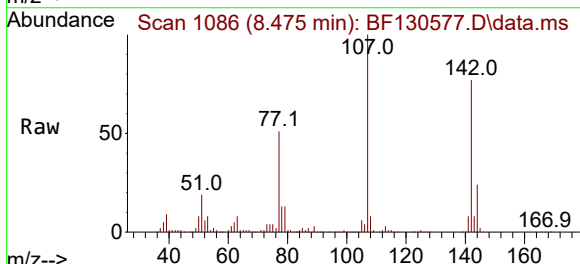
Instrument :
 BNA_F
 ClientSampleId :
 PB148182BS

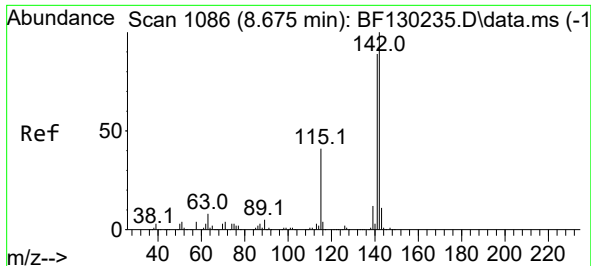
Tgt Ion:113 Resp: 52254
 Ion Ratio Lower Upper
 113 100
 55 155.2 155.4 195.4#
 56 123.7 120.4 160.4



#36
 4-Chloro-3-methylphenol
 Concen: 44.556 ng
 RT: 8.475 min Scan# 1086
 Delta R.T. 0.006 min
 Lab File: BF130577.D
 Acq: 07 Oct 2022 16:06

Tgt Ion:107 Resp: 330874
 Ion Ratio Lower Upper
 107 100
 144 24.4 20.0 30.0
 142 77.0 61.3 91.9





#37

2-Methylnaphthalene

Concen: 42.776 ng

RT: 8.610 min Scan# 1109

Delta R.T. -0.006 min

Lab File: BF130577.D

Acq: 07 Oct 2022 16:06

Instrument :

BNA_F

ClientSampleId :

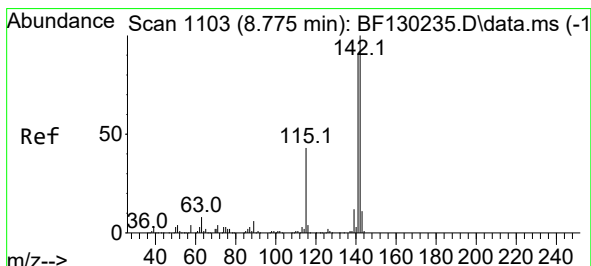
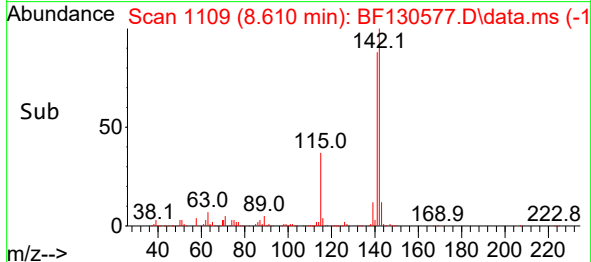
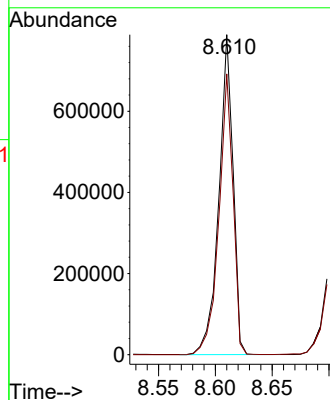
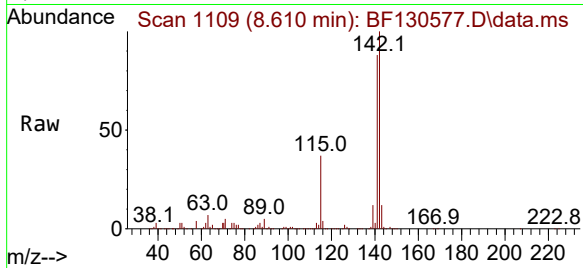
PB148182BS

Tgt Ion:142 Resp: 684753

Ion Ratio Lower Upper

142 100

141 87.8 70.0 105.0



#38

1-Methylnaphthalene

Concen: 41.910 ng

RT: 8.710 min Scan# 1126

Delta R.T. -0.000 min

Lab File: BF130577.D

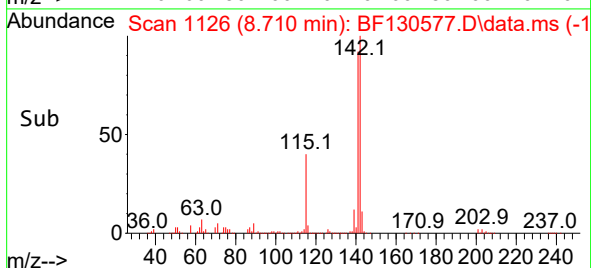
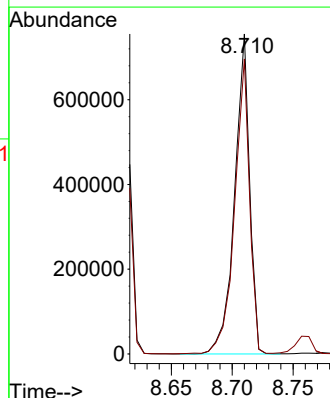
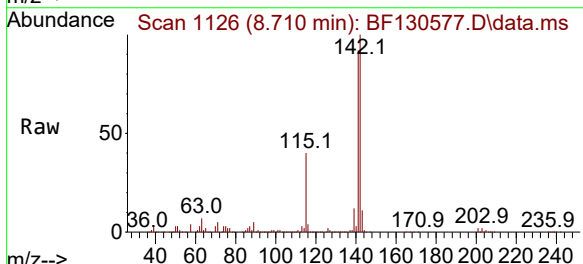
Acq: 07 Oct 2022 16:06

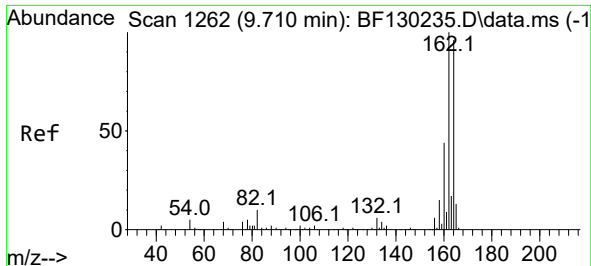
Tgt Ion:142 Resp: 644491

Ion Ratio Lower Upper

142 100

141 92.2 73.8 110.8

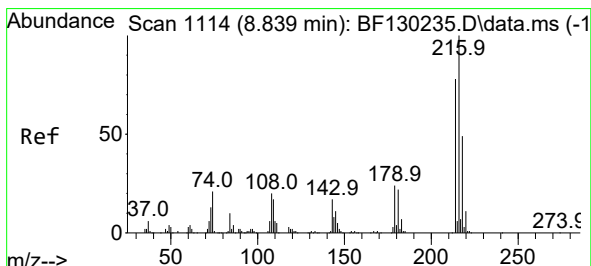
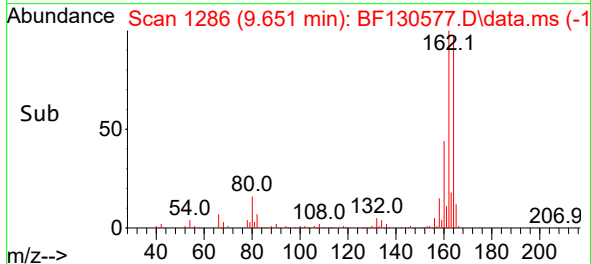
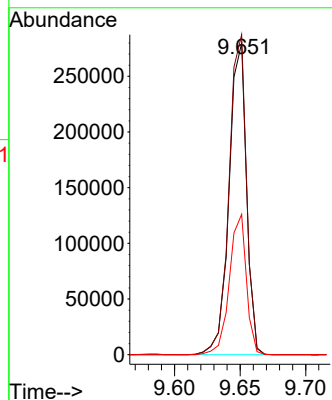
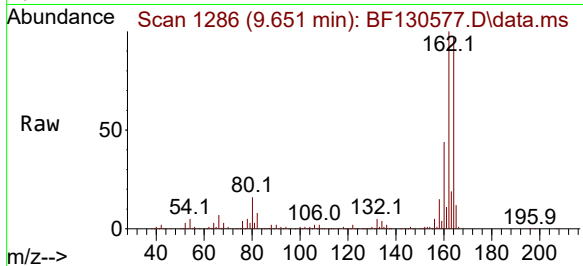




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.651 min Scan# 1137
Delta R.T. -0.000 min
Lab File: BF130577.D
Acq: 07 Oct 2022 16:06

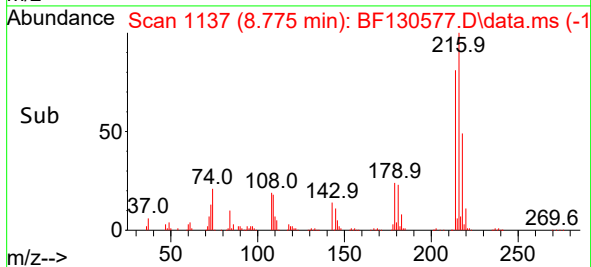
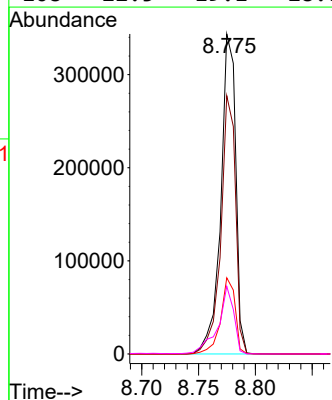
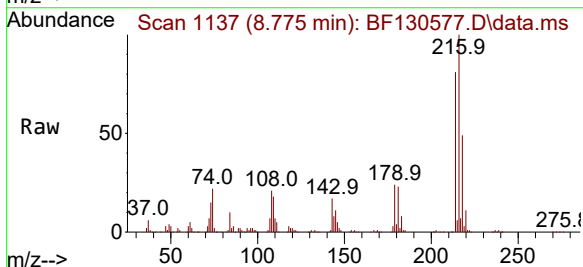
Instrument :
BNA_F
ClientSampleId :
PB148182BS

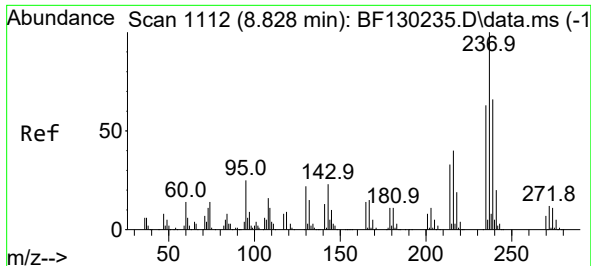
Tgt Ion:164 Resp: 258701
Ion Ratio Lower Upper
164 100
162 102.7 81.4 122.0
160 45.0 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.665 ng
RT: 8.775 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF130577.D
Acq: 07 Oct 2022 16:06

Tgt Ion:216 Resp: 315340
Ion Ratio Lower Upper
216 100
214 79.2 62.8 94.2
179 23.0 19.5 29.3
108 22.5 19.1 28.7

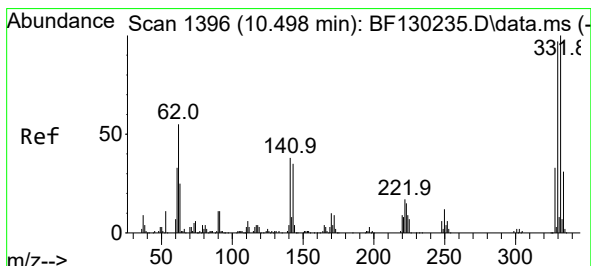
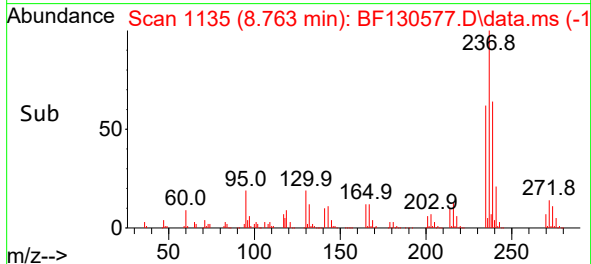
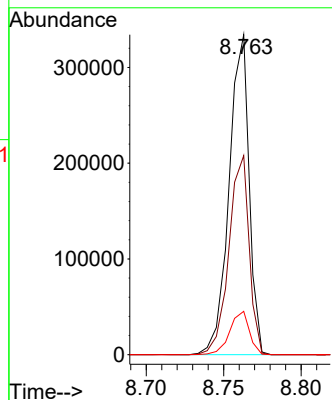
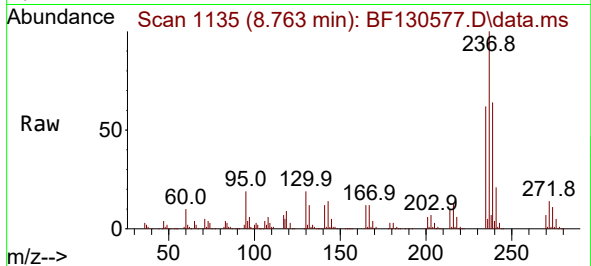




#41
Hexachlorocyclopentadiene
Concen: 79.458 ng
RT: 8.763 min Scan# 1112
Delta R.T. -0.000 min
Lab File: BF130577.D
Acq: 07 Oct 2022 16:06

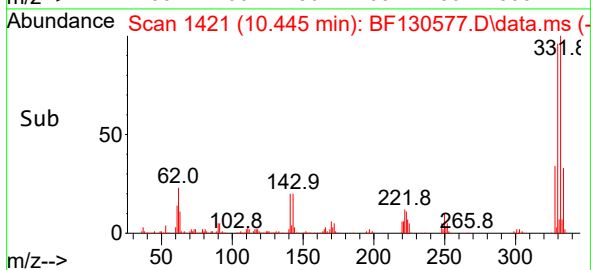
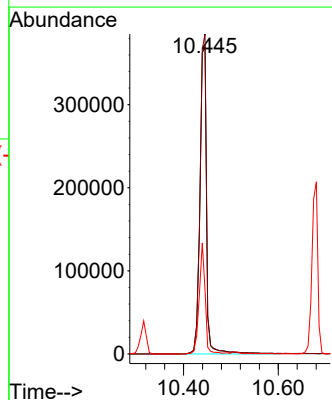
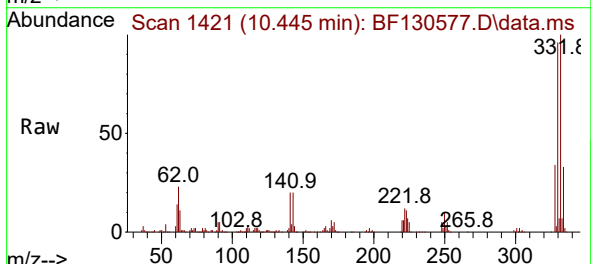
Instrument :
BNA_F
ClientSampleId :
PB148182BS

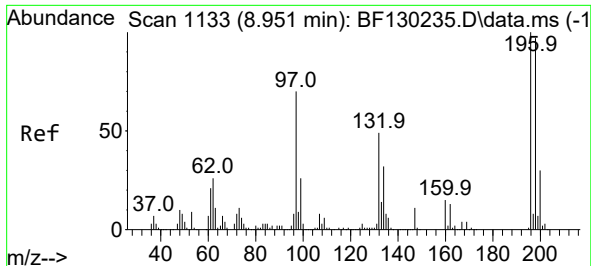
Tgt Ion:237 Resp: 300344
Ion Ratio Lower Upper
237 100
235 62.2 42.5 82.5
272 13.6 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 145.837 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF130577.D
Acq: 07 Oct 2022 16:06

Tgt Ion:330 Resp: 361507
Ion Ratio Lower Upper
330 100
332 102.2 83.4 125.2
141 32.2 34.0 51.0#

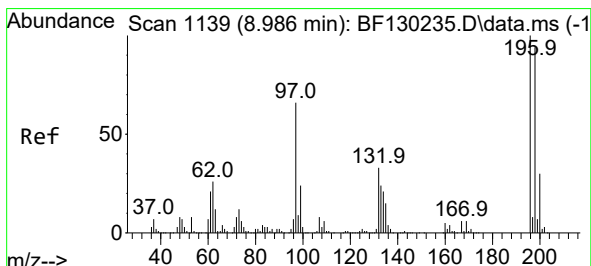
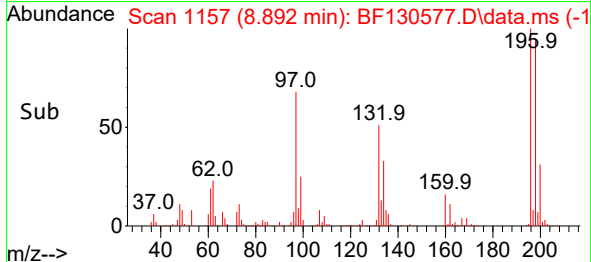
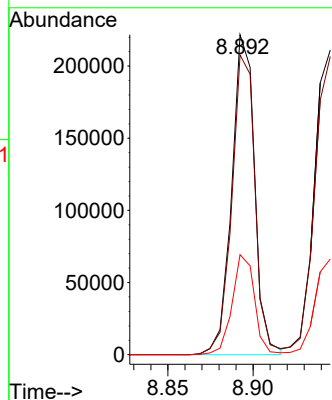
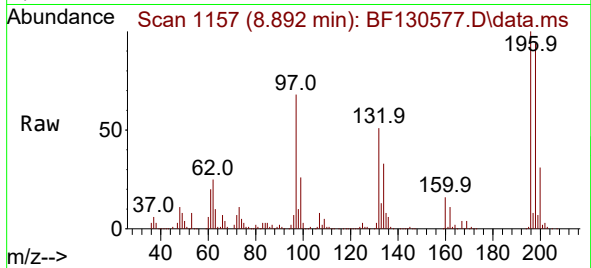




#43
 2,4,6-Trichlorophenol
 Concen: 41.886 ng
 RT: 8.892 min Scan# 1157
 Delta R.T. -0.006 min
 Lab File: BF130577.D
 Acq: 07 Oct 2022 16:06

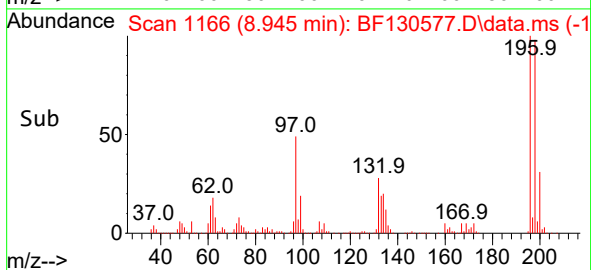
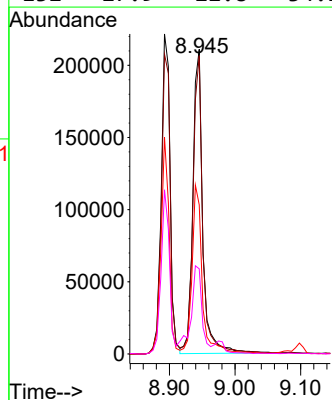
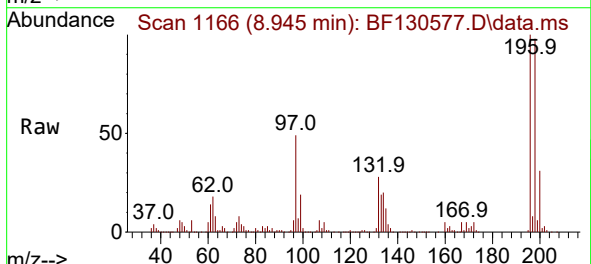
Instrument :
 BNA_F
 ClientSampleId :
 PB148182BS

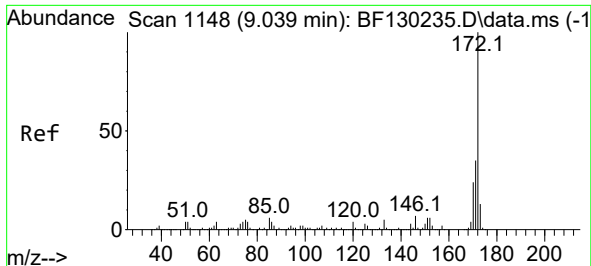
Tgt Ion:196 Resp: 206383
 Ion Ratio Lower Upper
 196 100
 198 93.7 72.4 108.6
 200 31.2 23.8 35.6



#44
 2,4,5-Trichlorophenol
 Concen: 41.796 ng
 RT: 8.945 min Scan# 1166
 Delta R.T. 0.006 min
 Lab File: BF130577.D
 Acq: 07 Oct 2022 16:06

Tgt Ion:196 Resp: 222233
 Ion Ratio Lower Upper
 196 100
 198 97.9 74.8 112.2
 97 49.0 43.7 65.5
 132 27.9 22.8 34.2





#45

2-Fluorobiphenyl

Concen: 79.803 ng

RT: 8.981 min Scan# 1172

Delta R.T. -0.000 min

Lab File: BF130577.D

Acq: 07 Oct 2022 16:06

Instrument :

BNA_F

ClientSampleId :

PB148182BS

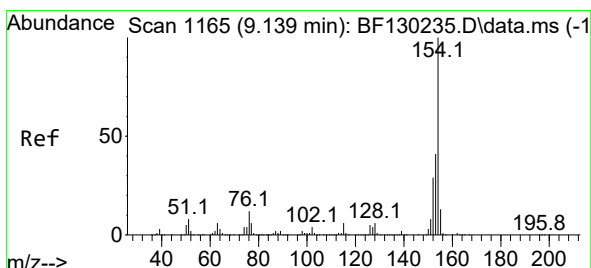
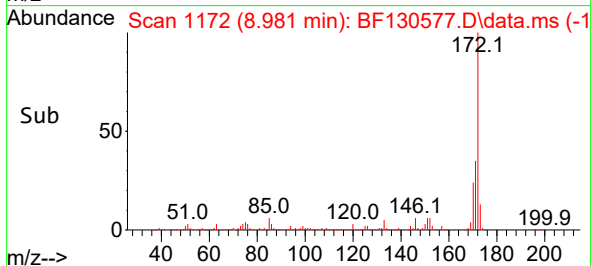
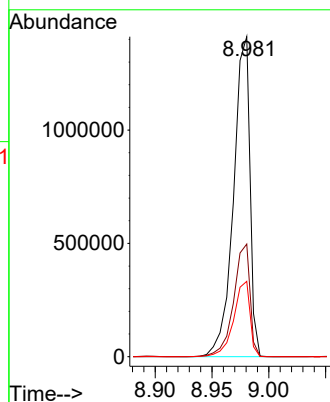
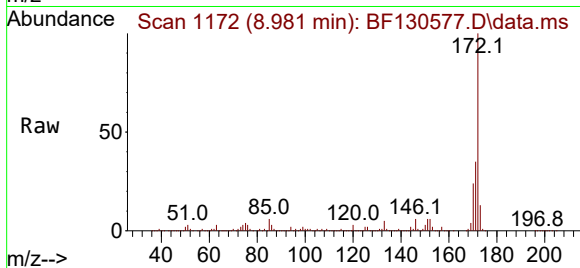
Tgt Ion:172 Resp: 1417756

Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.6 18.7 28.1



#46

1,1'-Biphenyl

Concen: 43.237 ng

RT: 9.075 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BF130577.D

Acq: 07 Oct 2022 16:06

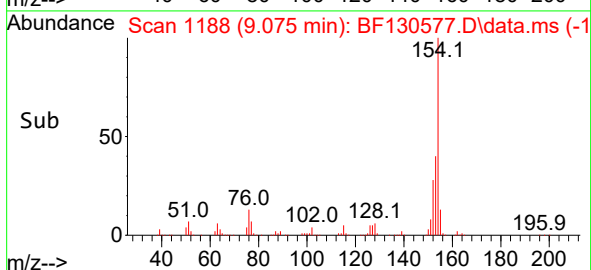
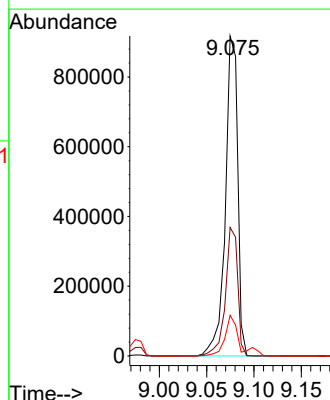
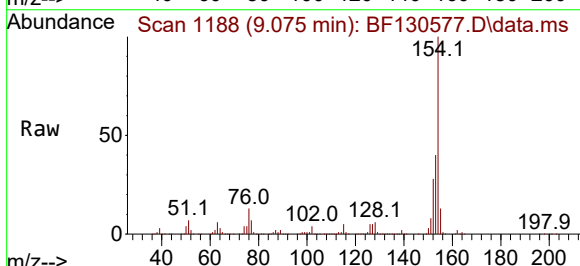
Tgt Ion:154 Resp: 835371

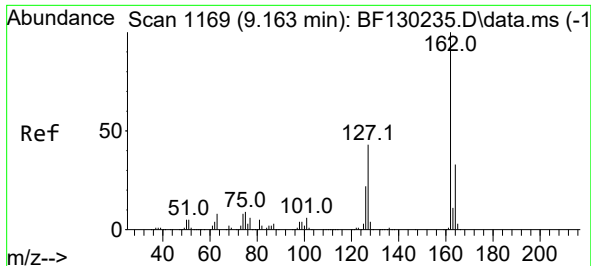
Ion Ratio Lower Upper

154 100

153 40.1 20.0 60.0

76 12.7 0.0 33.3





#47

2-Chloronaphthalene

Concen: 41.545 ng

RT: 9.098 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF130577.D

Acq: 07 Oct 2022 16:06

Instrument :

BNA_F

ClientSampleId :

PB148182BS

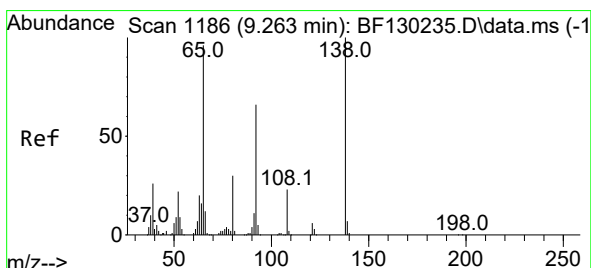
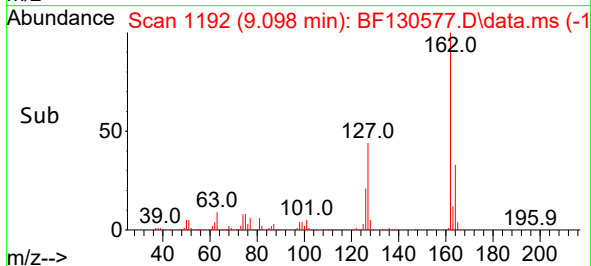
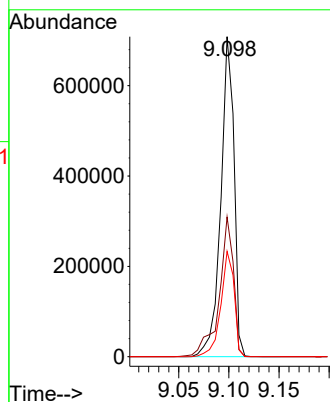
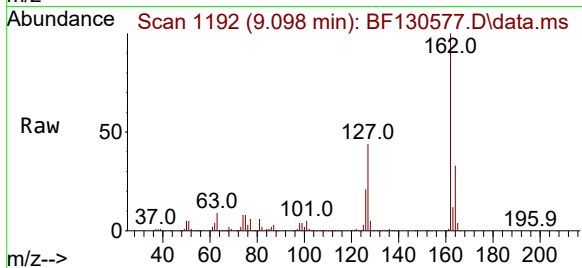
Tgt Ion:162 Resp: 649322

Ion Ratio Lower Upper

162 100

127 43.6 35.9 53.9

164 32.9 26.2 39.2



#48

2-Nitroaniline

Concen: 38.291 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.000 min

Lab File: BF130577.D

Acq: 07 Oct 2022 16:06

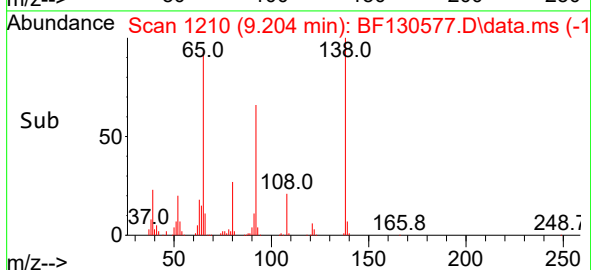
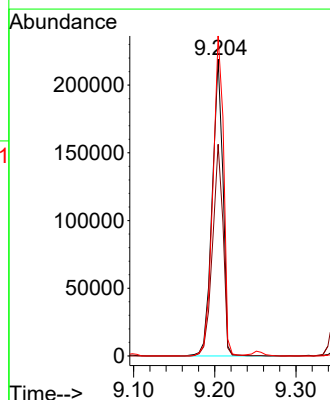
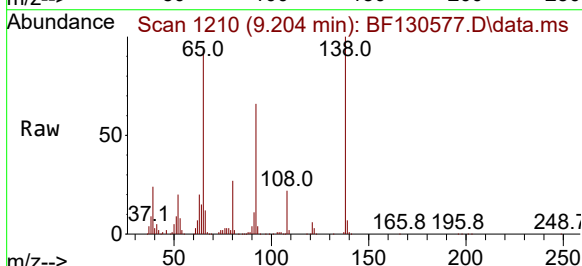
Tgt Ion: 65 Resp: 199606

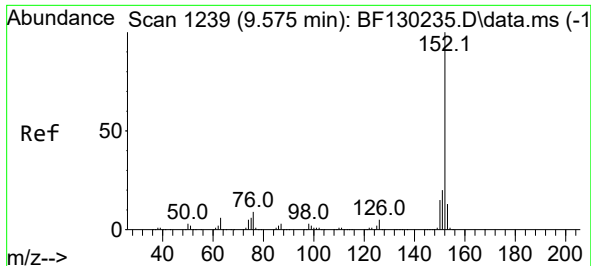
Ion Ratio Lower Upper

65 100

92 71.3 52.2 78.4

138 107.8 77.0 115.4

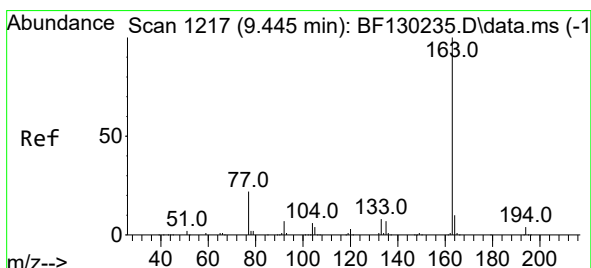
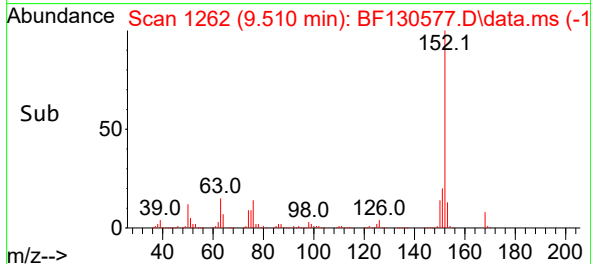
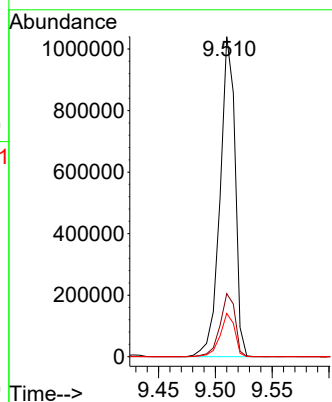
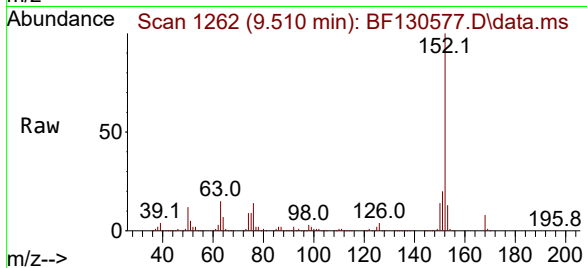




#49
Acenaphthylene
Concen: 41.060 ng
RT: 9.510 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130577.D
Acq: 07 Oct 2022 16:06

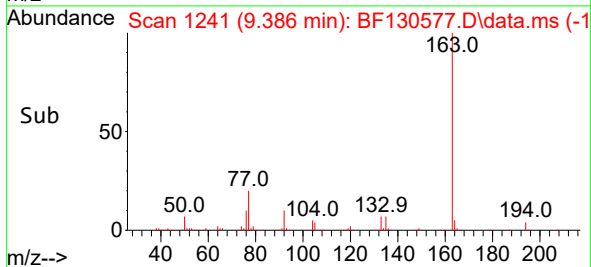
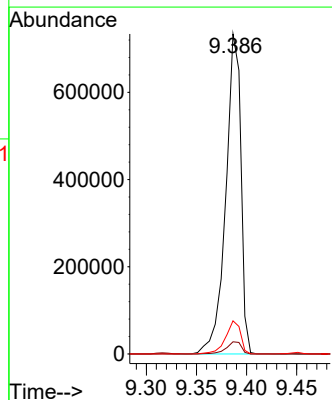
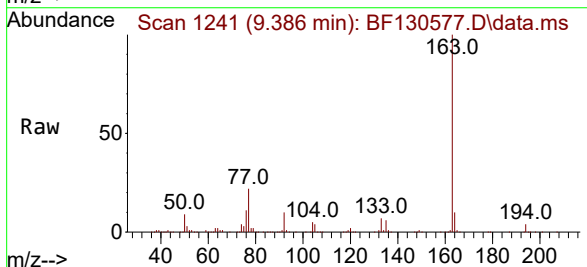
Instrument :
BNA_F
ClientSampleId :
PB148182BS

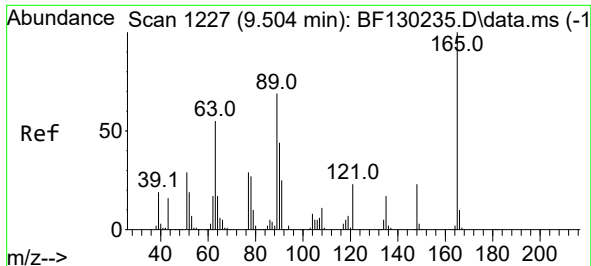
Tgt Ion:152 Resp: 962186
Ion Ratio Lower Upper
152 100
151 19.7 16.2 24.2
153 13.5 10.6 15.8



#50
Dimethylphthalate
Concen: 43.113 ng
RT: 9.386 min Scan# 1241
Delta R.T. -0.000 min
Lab File: BF130577.D
Acq: 07 Oct 2022 16:06

Tgt Ion:163 Resp: 770428
Ion Ratio Lower Upper
163 100
194 3.8 2.8 4.2
164 10.3 8.2 12.2

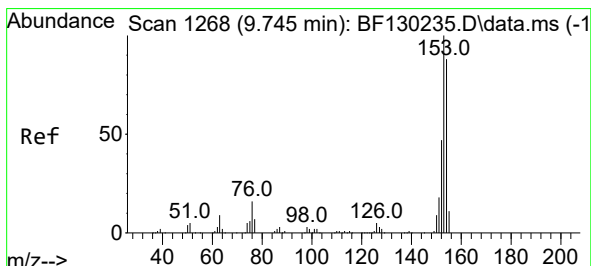
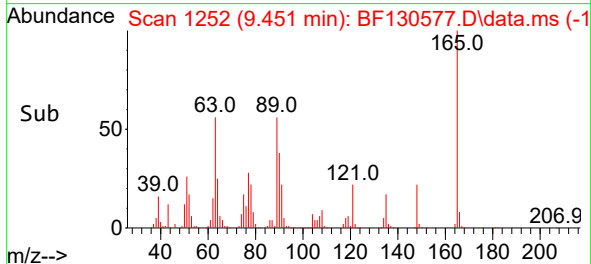
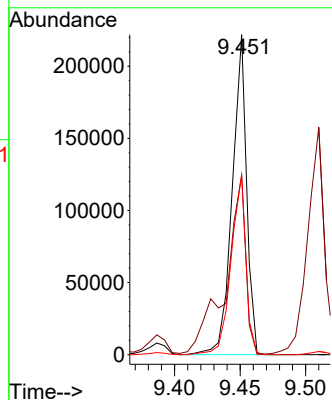
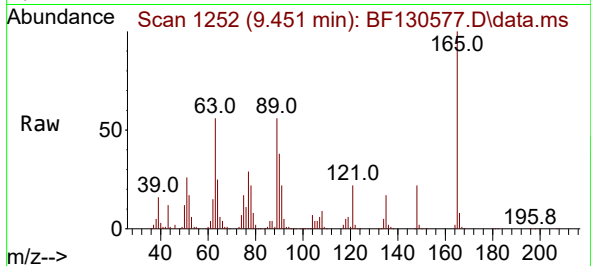




#51
2,6-Dinitrotoluene
Concen: 45.352 ng
RT: 9.451 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130577.D
Acq: 07 Oct 2022 16:06

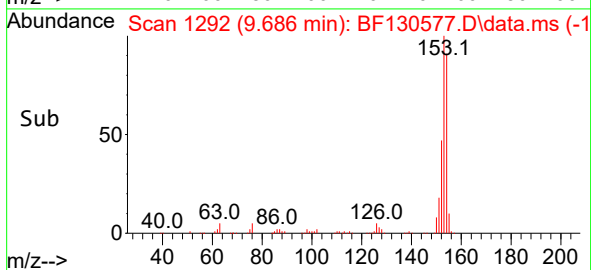
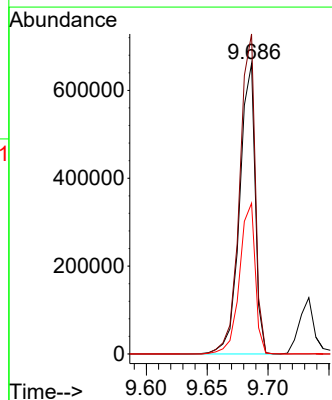
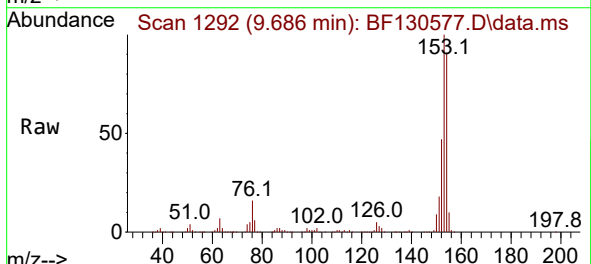
Instrument :
BNA_F
ClientSampleId :
PB148182BS

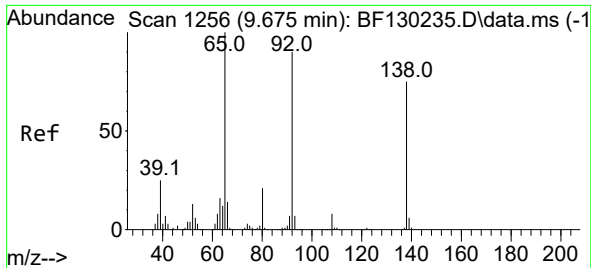
Tgt Ion:165 Resp: 169493
Ion Ratio Lower Upper
165 100
63 56.1 58.8 88.2#
89 56.2 54.5 81.7



#52
Acenaphthene
Concen: 38.186 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.000 min
Lab File: BF130577.D
Acq: 07 Oct 2022 16:06

Tgt Ion:154 Resp: 587942
Ion Ratio Lower Upper
154 100
153 110.3 90.6 136.0
152 51.9 43.8 65.6

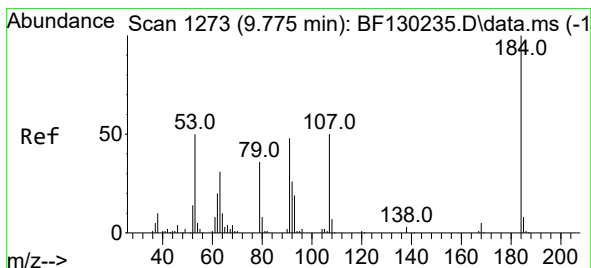
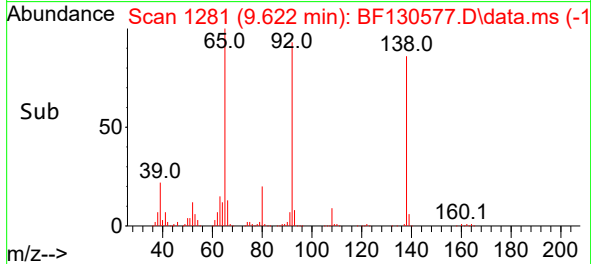
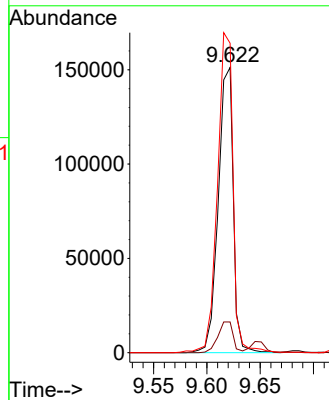
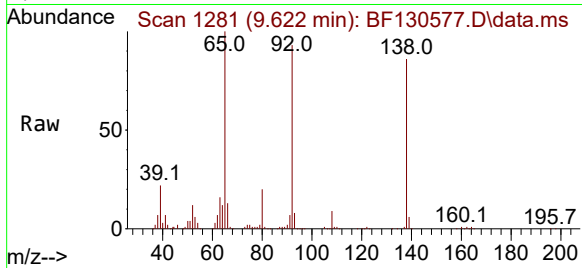




#53
3-Nitroaniline
Concen: 35.540 ng
RT: 9.622 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130577.D
Acq: 07 Oct 2022 16:06

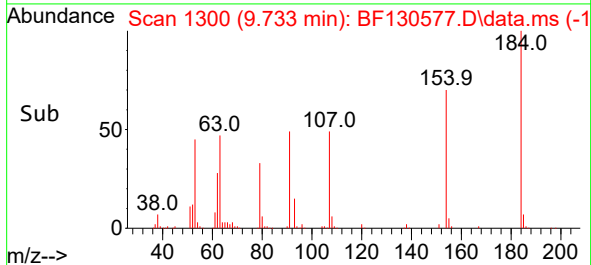
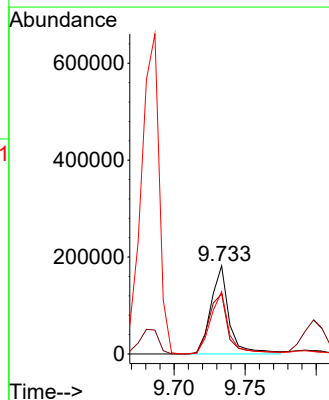
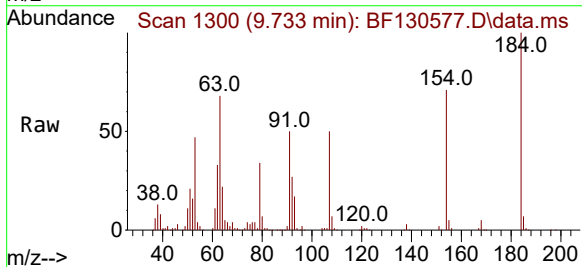
Instrument :
BNA_F
ClientSampleId :
PB148182BS

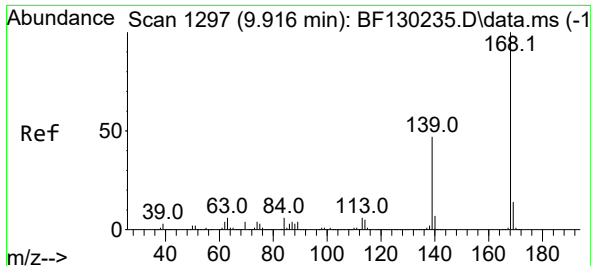
Tgt Ion:138 Resp: 148002
Ion Ratio Lower Upper
138 100
108 10.7 9.2 13.8
92 108.5 99.2 148.8



#54
2,4-Dinitrophenol
Concen: 79.993 ng
RT: 9.733 min Scan# 1300
Delta R.T. 0.006 min
Lab File: BF130577.D
Acq: 07 Oct 2022 16:06

Tgt Ion:184 Resp: 162172
Ion Ratio Lower Upper
184 100
63 68.2 70.0 105.0#
154 70.5 63.0 94.6

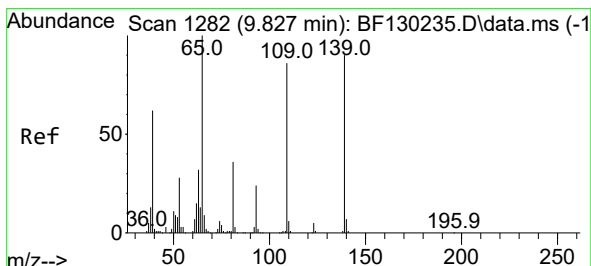
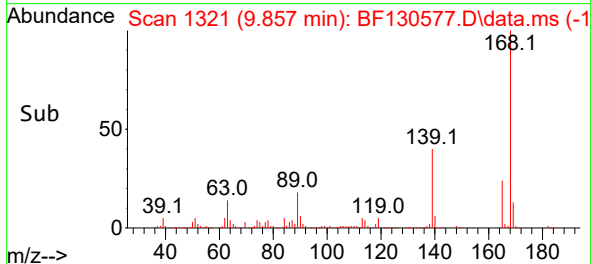
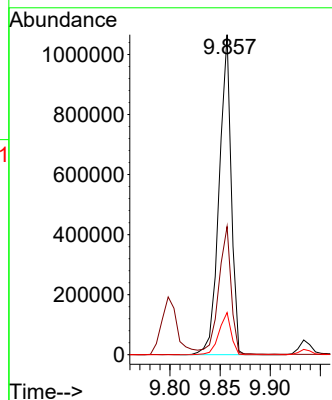
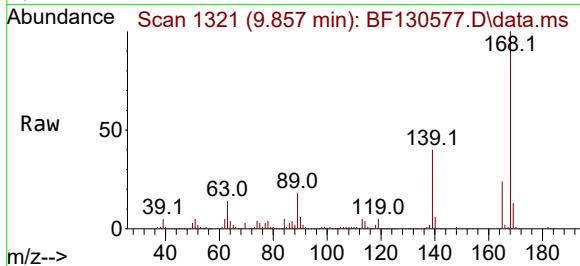




#55
Dibenzenofuran
Concen: 41.445 ng
RT: 9.857 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BF130577.D
Acq: 07 Oct 2022 16:06

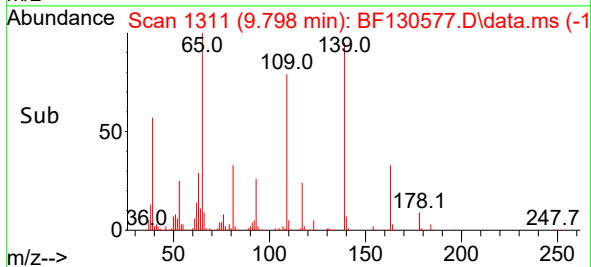
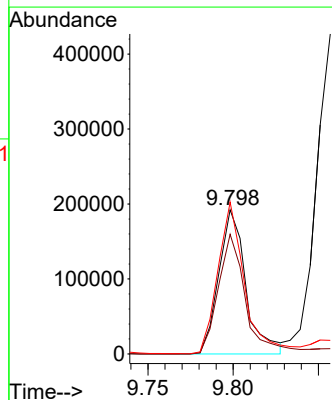
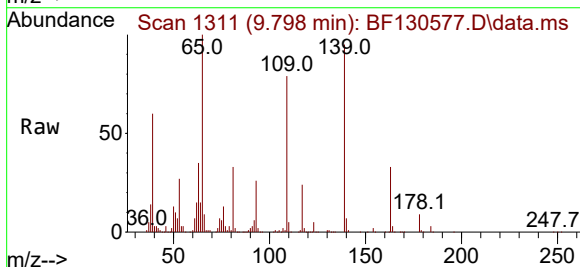
Instrument :
BNA_F
ClientSampleId :
PB148182BS

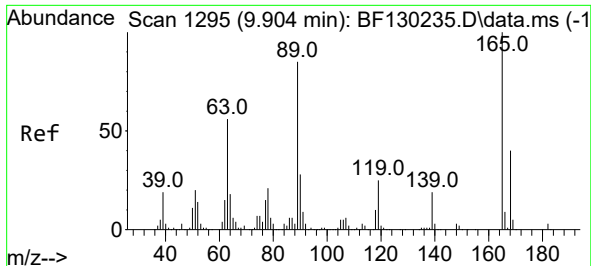
Tgt Ion:168 Resp: 887578
Ion Ratio Lower Upper
168 100
139 40.0 35.0 52.4
169 13.1 10.9 16.3



#56
4-Nitrophenol
Concen: 70.395 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.006 min
Lab File: BF130577.D
Acq: 07 Oct 2022 16:06

Tgt Ion:139 Resp: 213519
Ion Ratio Lower Upper
139 100
109 83.0 72.2 112.2
65 105.2 97.7 137.7

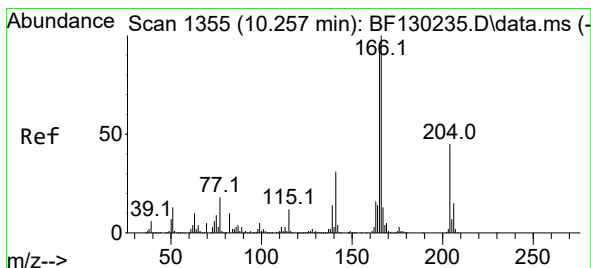
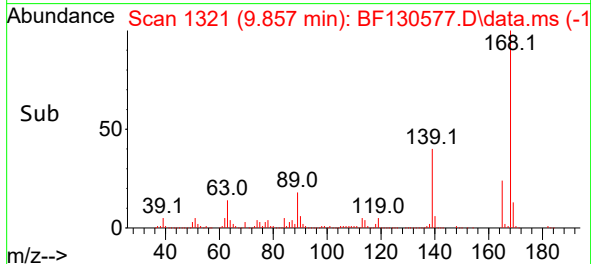
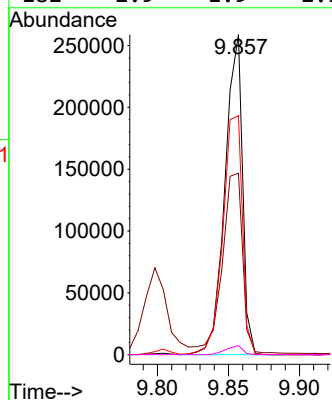
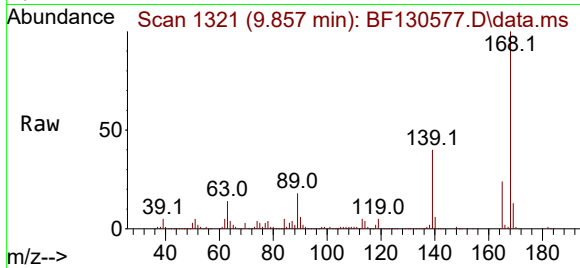




#57
2,4-Dinitrotoluene
Concen: 46.406 ng
RT: 9.857 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF130577.D
Acq: 07 Oct 2022 16:06

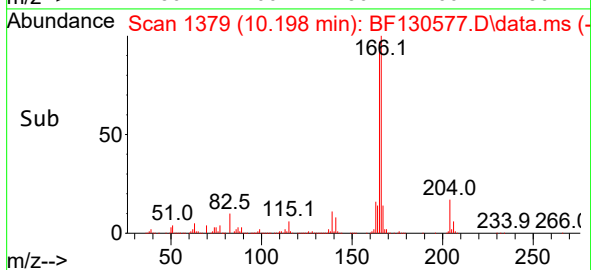
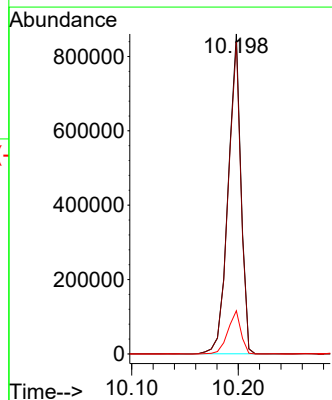
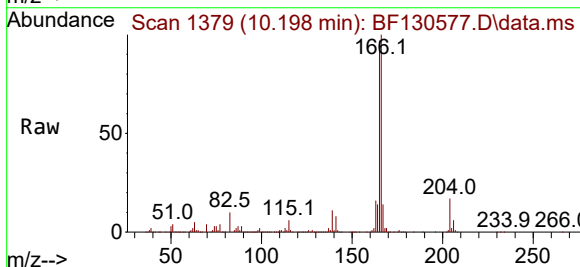
Instrument :
BNA_F
ClientSampleId :
PB148182BS

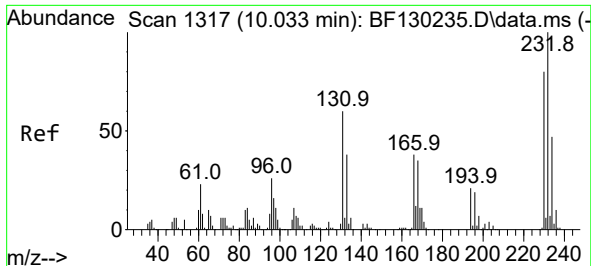
Tgt Ion:165 Resp: 221650
Ion Ratio Lower Upper
165 100
63 56.7 44.7 67.1
89 74.7 69.0 103.4
182 2.9 1.9 2.9



#58
Fluorene
Concen: 40.753 ng
RT: 10.198 min Scan# 1379
Delta R.T. -0.000 min
Lab File: BF130577.D
Acq: 07 Oct 2022 16:06

Tgt Ion:166 Resp: 713765
Ion Ratio Lower Upper
166 100
165 97.4 78.8 118.2
167 13.5 10.6 15.8

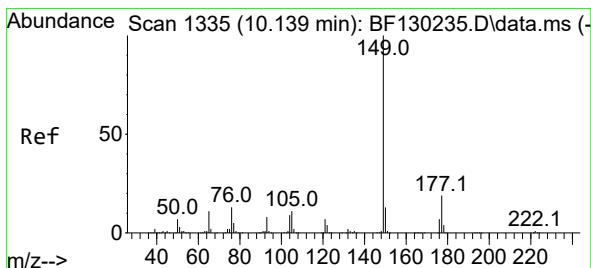
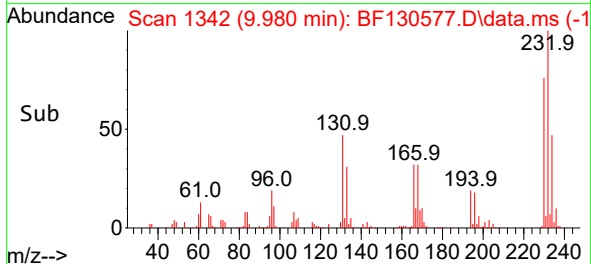
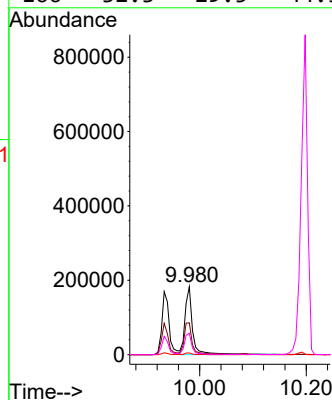
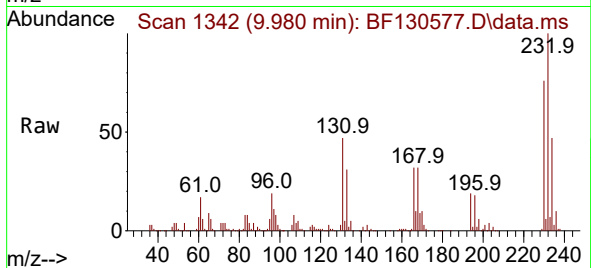




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.467 ng
RT: 9.980 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130577.D
Acq: 07 Oct 2022 16:06

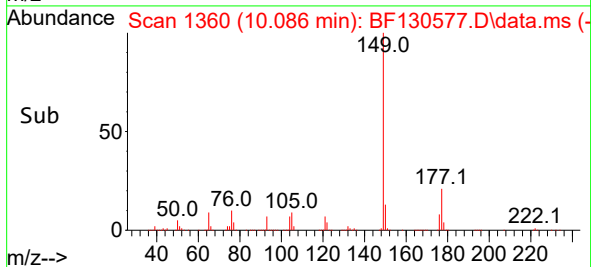
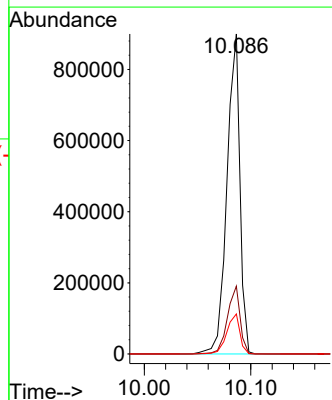
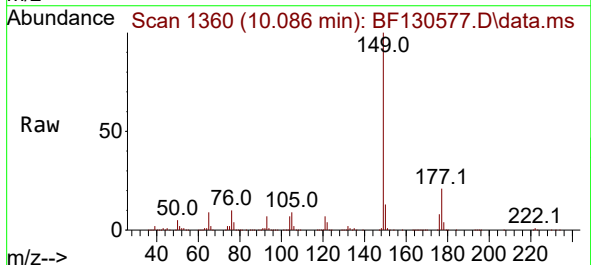
Instrument :
BNA_F
ClientSampleId :
PB148182BS

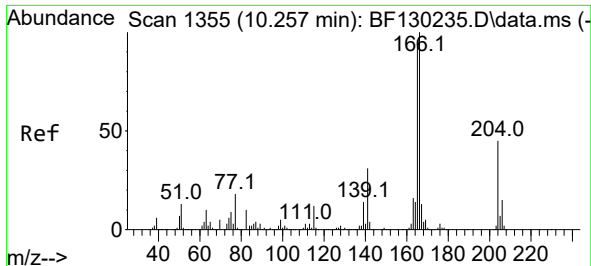
Tgt Ion:232 Resp: 176737
Ion Ratio Lower Upper
232 100
131 50.7 46.4 69.6
130 2.6 2.3 3.5
166 32.3 29.5 44.3



#60
Diethylphthalate
Concen: 42.248 ng
RT: 10.086 min Scan# 1360
Delta R.T. 0.006 min
Lab File: BF130577.D
Acq: 07 Oct 2022 16:06

Tgt Ion:149 Resp: 757088
Ion Ratio Lower Upper
149 100
177 21.2 16.1 24.1
150 12.5 9.9 14.9

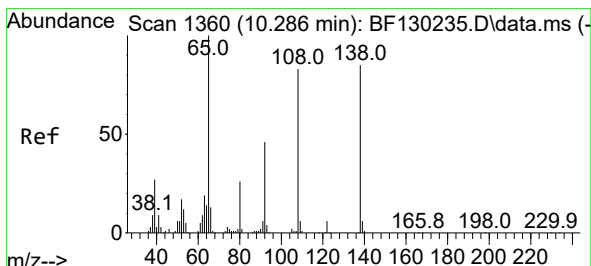
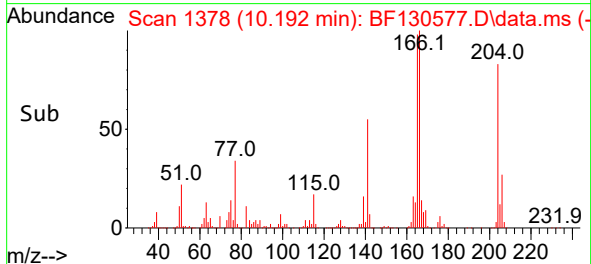
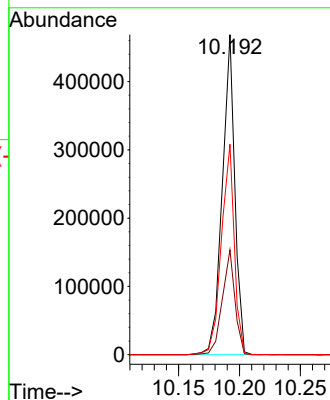
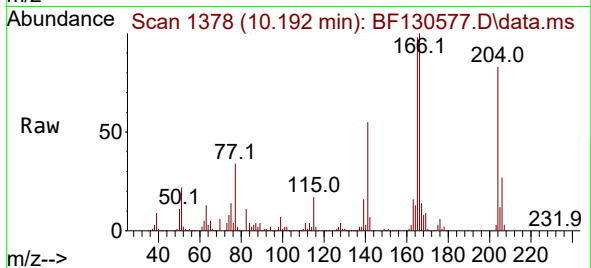




#61
4-Chlorophenyl-phenylether
Concen: 43.960 ng
RT: 10.192 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130577.D
Acq: 07 Oct 2022 16:06

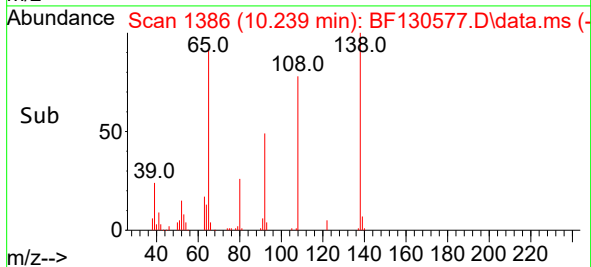
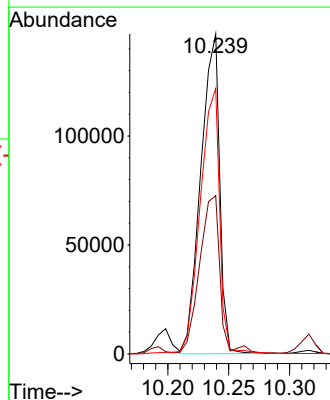
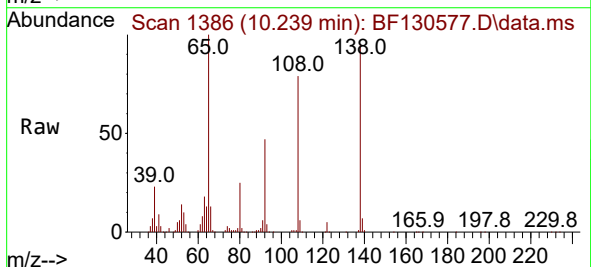
Instrument :
BNA_F
ClientSampleId :
PB148182BS

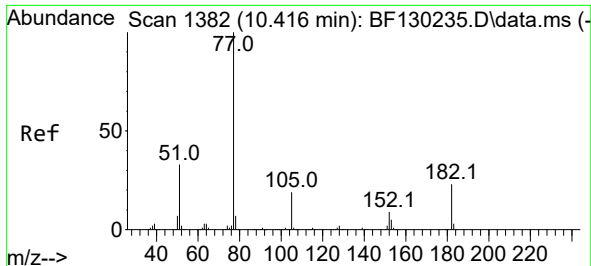
Tgt Ion:204 Resp: 337755
Ion Ratio Lower Upper
204 100
206 32.8 26.6 39.8
141 65.8 57.1 85.7



#62
4-Nitroaniline
Concen: 37.824 ng
RT: 10.239 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF130577.D
Acq: 07 Oct 2022 16:06

Tgt Ion:138 Resp: 158233
Ion Ratio Lower Upper
138 100
92 49.5 36.7 76.7
108 83.0 78.2 118.2

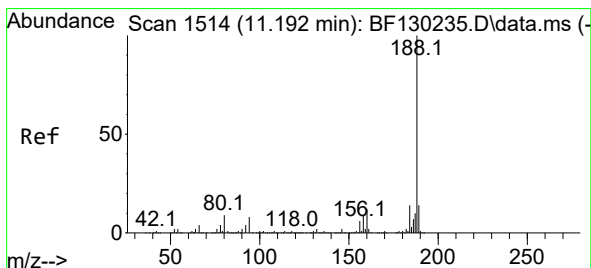
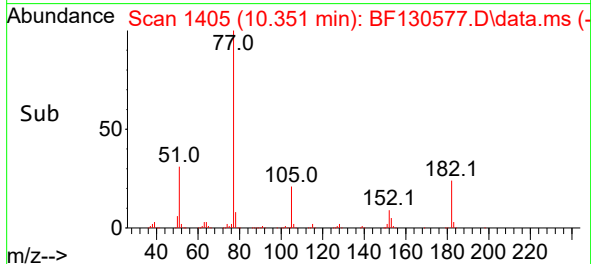
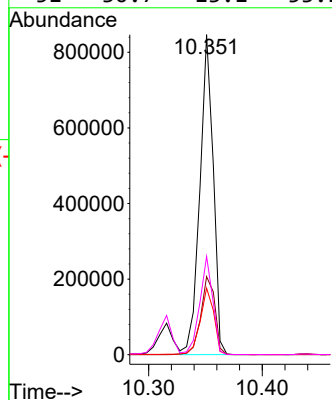
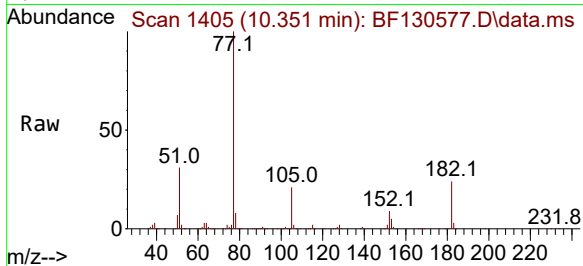




#63
Azobenzene
Concen: 37.596 ng
RT: 10.351 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF130577.D
Acq: 07 Oct 2022 16:06

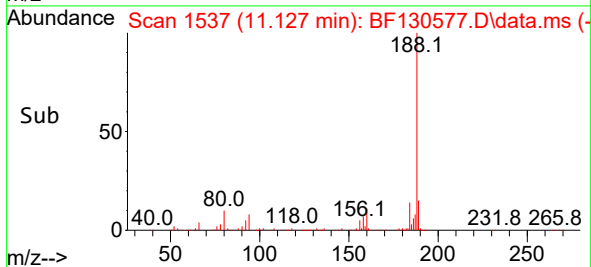
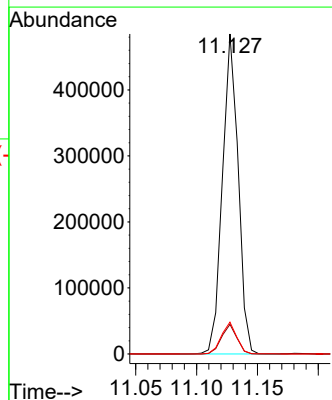
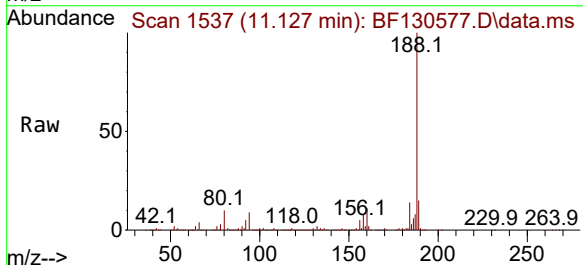
Instrument :
BNA_F
ClientSampleId :
PB148182BS

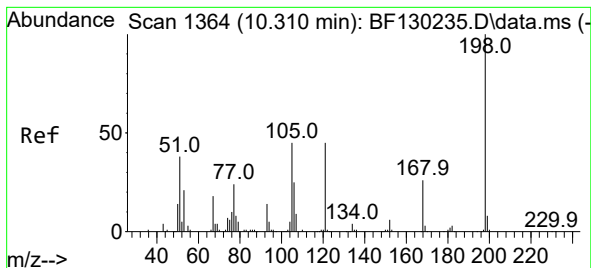
Tgt Ion: 77	Resp: 693742
Ion Ratio	Lower Upper
77 100	
182 24.4	2.1 42.1
105 20.8	0.0 39.4
51 30.7	13.1 53.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.127 min Scan# 1537
Delta R.T. -0.006 min
Lab File: BF130577.D
Acq: 07 Oct 2022 16:06

Tgt Ion:188	Resp: 436376
Ion Ratio	Lower Upper
188 100	
94 9.3	7.4 11.2
80 10.0	7.9 11.9

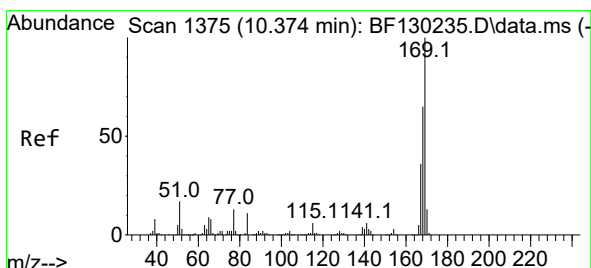
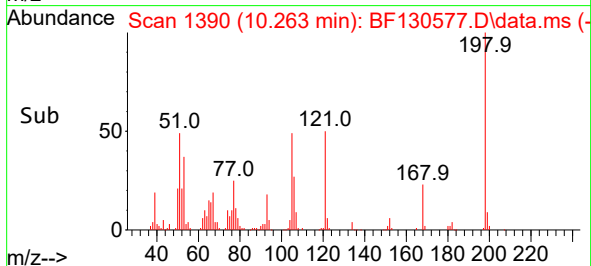
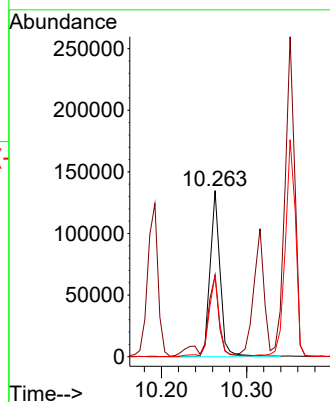
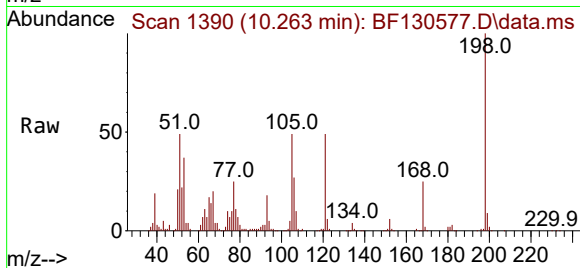




#65
4,6-Dinitro-2-methylphenol
Concen: 45.419 ng
RT: 10.263 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF130577.D
Acq: 07 Oct 2022 16:06

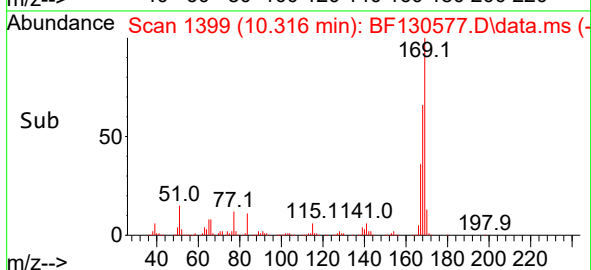
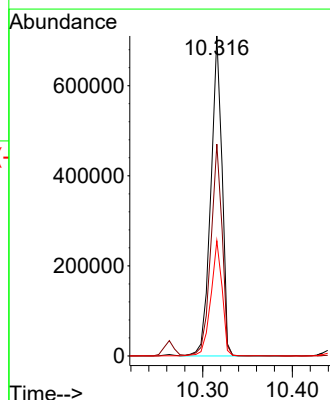
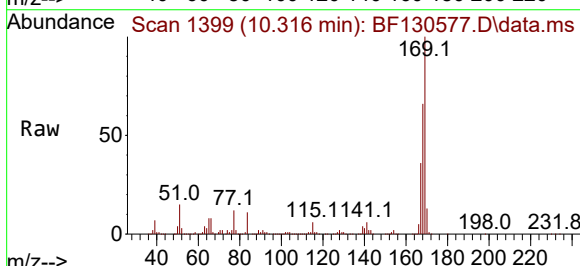
Instrument :
BNA_F
ClientSampleId :
PB148182BS

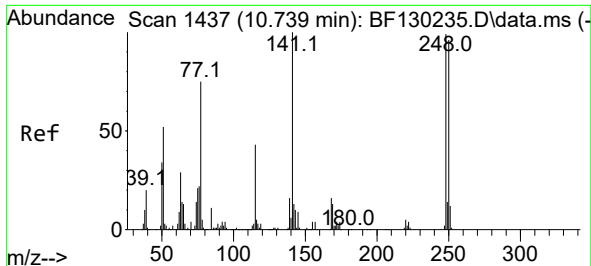
Tgt Ion:198 Resp: 110331
Ion Ratio Lower Upper
198 100
51 48.9 36.9 76.9
105 49.2 33.0 73.0



#66
n-Nitrosodiphenylamine
Concen: 42.227 ng
RT: 10.316 min Scan# 1399
Delta R.T. -0.000 min
Lab File: BF130577.D
Acq: 07 Oct 2022 16:06

Tgt Ion:169 Resp: 615768
Ion Ratio Lower Upper
169 100
168 66.2 53.2 79.8
167 36.0 29.2 43.8

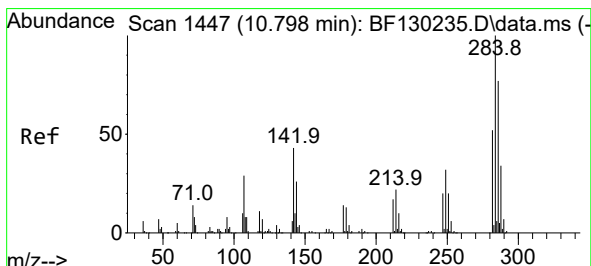
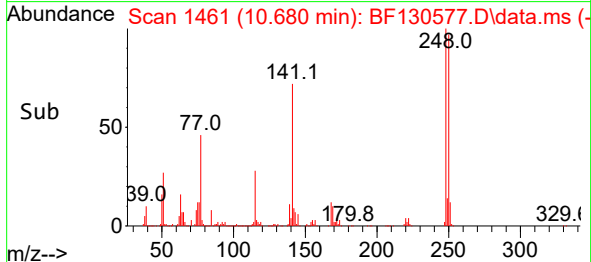
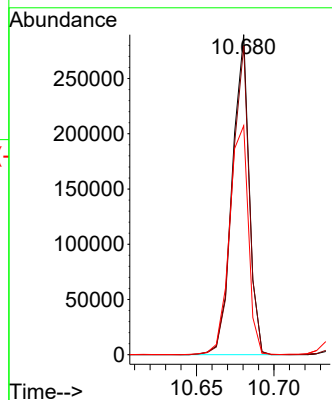
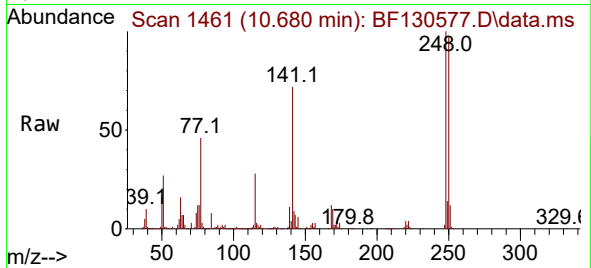




#67
4-Bromophenyl-phenylether
Concen: 45.746 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF130577.D
Acq: 07 Oct 2022 16:06

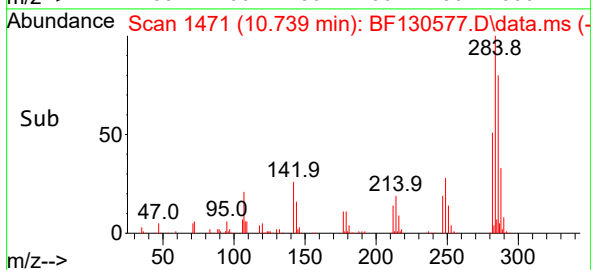
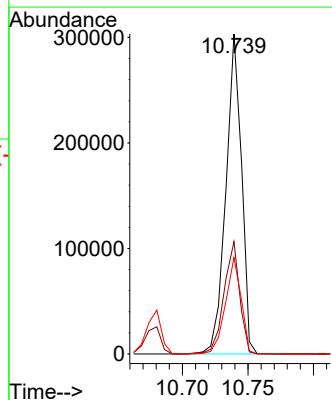
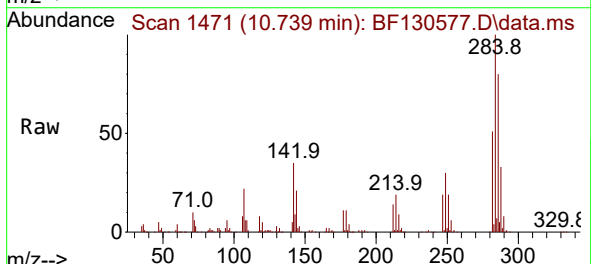
Instrument :
BNA_F
ClientSampleId :
PB148182BS

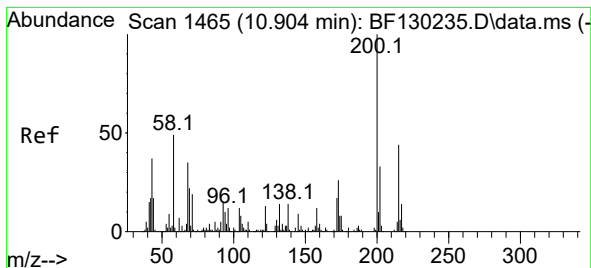
Tgt Ion:248 Resp: 220215
Ion Ratio Lower Upper
248 100
250 96.5 80.0 120.0
141 71.5 68.5 102.7



#68
Hexachlorobenzene
Concen: 45.882 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.000 min
Lab File: BF130577.D
Acq: 07 Oct 2022 16:06

Tgt Ion:284 Resp: 250377
Ion Ratio Lower Upper
284 100
142 35.1 27.2 40.8
249 30.2 23.8 35.8





#69

Atrazine

Concen: 46.362 ng

RT: 10.851 min Scan# 14

Delta R.T. 0.006 min

Lab File: BF130577.D

Acq: 07 Oct 2022 16:06

Instrument :

BNA_F

ClientSampleId :

PB148182BS

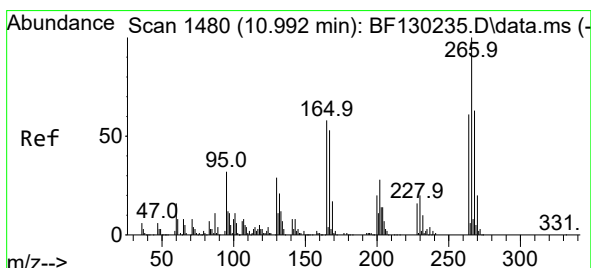
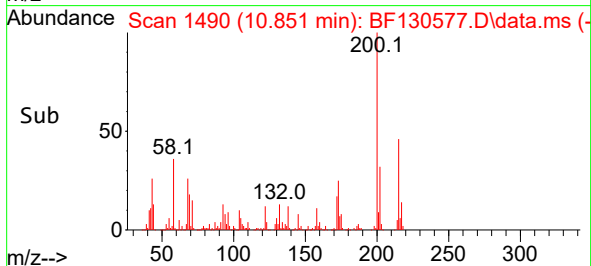
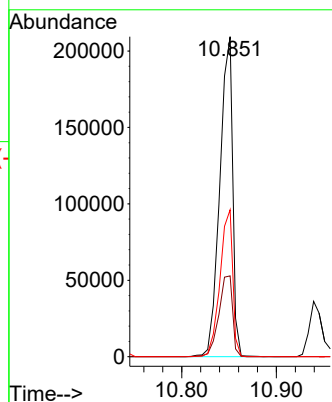
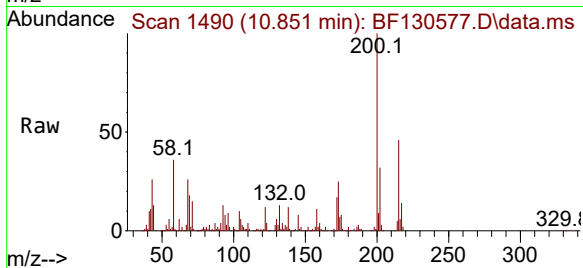
Tgt Ion:200 Resp: 197571

Ion Ratio Lower Upper

200 100

173 25.3 6.2 46.2

215 45.9 22.5 62.5



#70

Pentachlorophenol

Concen: 71.562 ng

RT: 10.939 min Scan# 1505

Delta R.T. -0.006 min

Lab File: BF130577.D

Acq: 07 Oct 2022 16:06

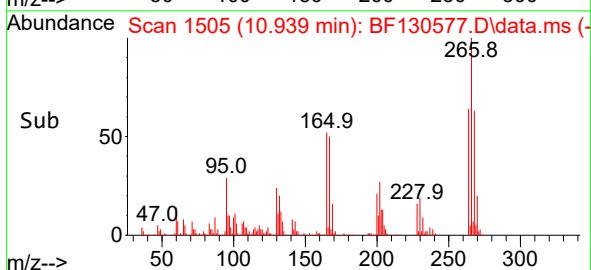
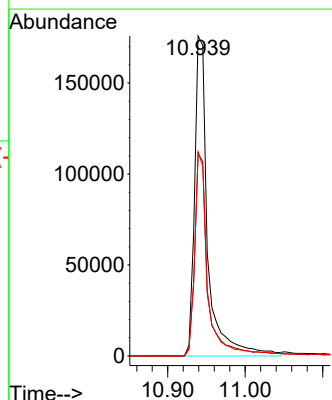
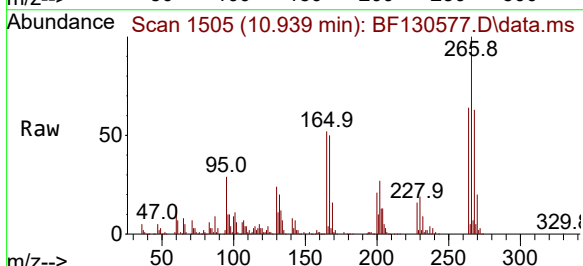
Tgt Ion:266 Resp: 209581

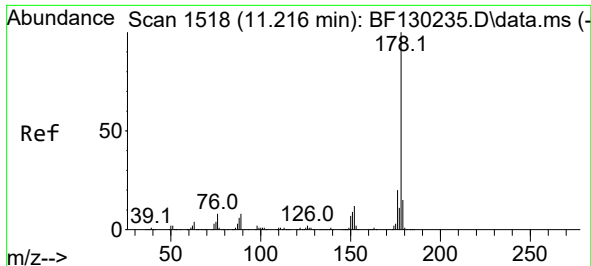
Ion Ratio Lower Upper

266 100

268 63.3 50.5 75.7

264 63.8 50.5 75.7

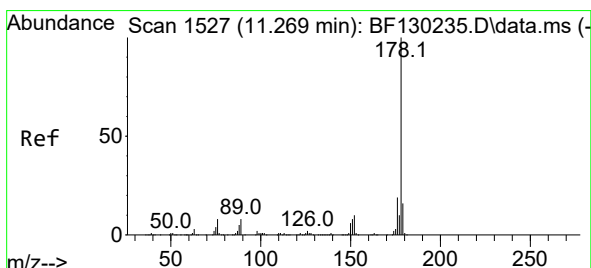
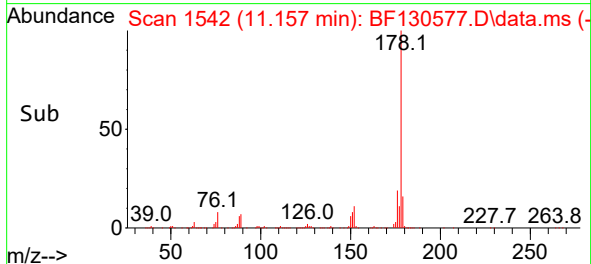
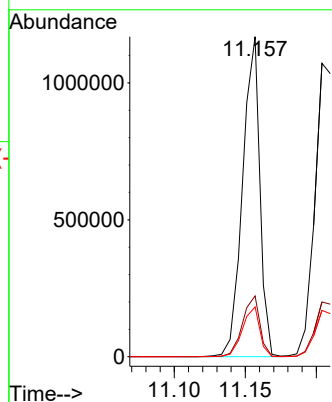
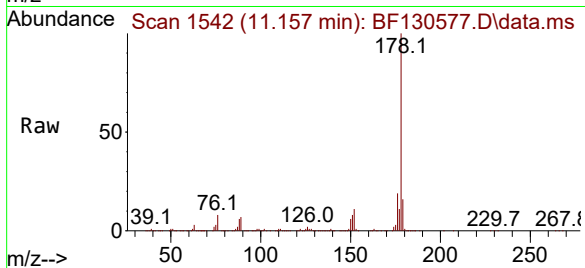




#71
Phenanthrene
Concen: 40.372 ng
RT: 11.157 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BF130577.D
Acq: 07 Oct 2022 16:06

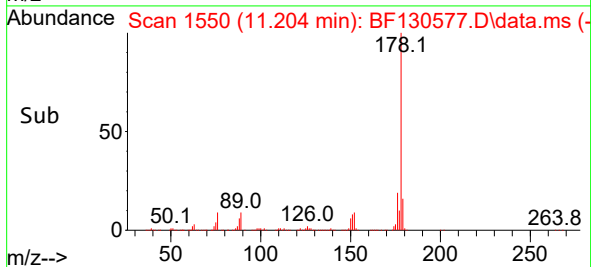
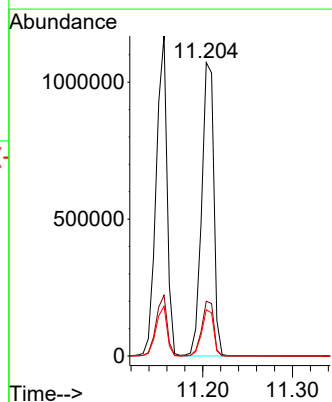
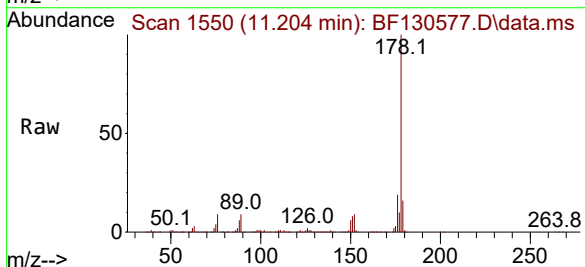
Instrument :
BNA_F
ClientSampleId :
PB148182BS

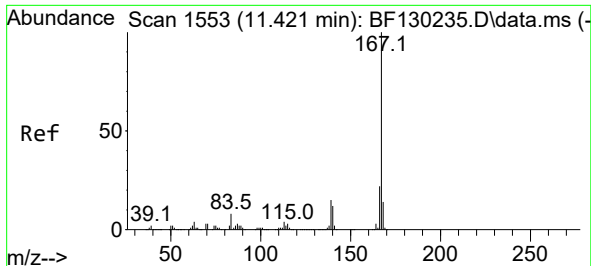
Tgt Ion:178 Resp: 989111
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.6 12.4 18.6



#72
Anthracene
Concen: 42.408 ng
RT: 11.204 min Scan# 1550
Delta R.T. -0.006 min
Lab File: BF130577.D
Acq: 07 Oct 2022 16:06

Tgt Ion:178 Resp: 1002647
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.6
179 15.8 12.7 19.1

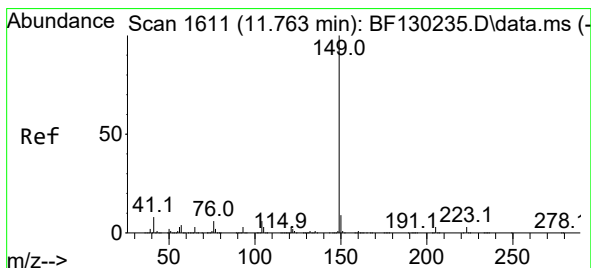
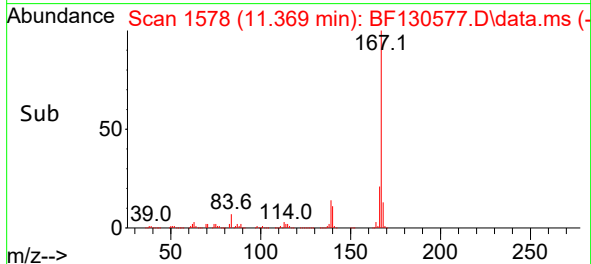
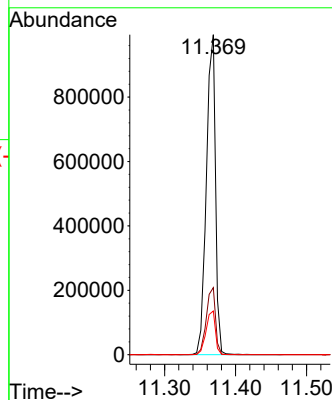
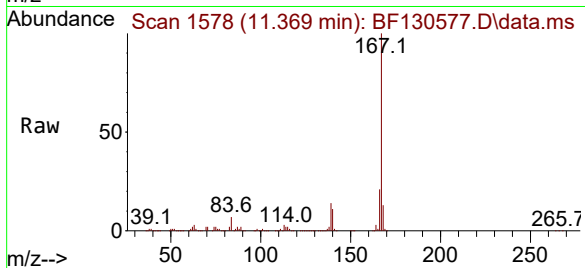




#73
 Carbazole
 Concen: 41.628 ng
 RT: 11.369 min Scan# 1633
 Delta R.T. -0.000 min
 Lab File: BF130577.D
 Acq: 07 Oct 2022 16:06

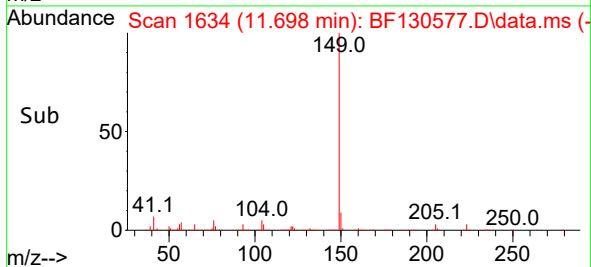
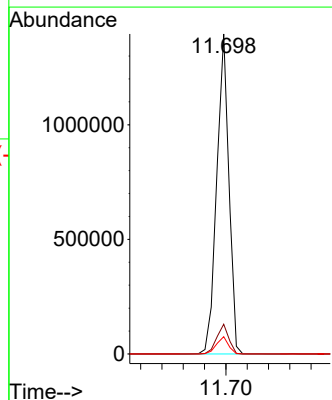
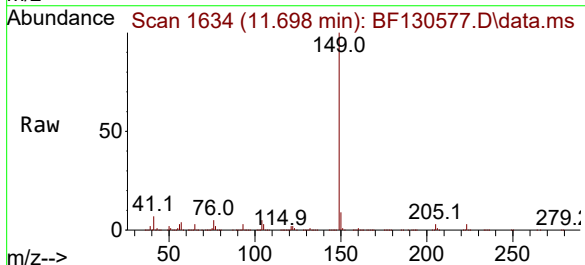
Instrument :
 BNA_F
 ClientSampleId :
 PB148182BS

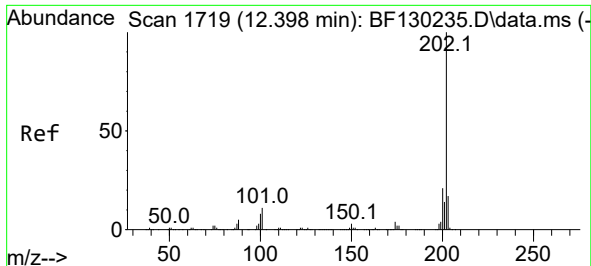
Tgt Ion:167 Resp: 888244
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.4 26.2
 139 13.7 11.6 17.4



#74
 Di-n-butylphthalate
 Concen: 42.839 ng
 RT: 11.698 min Scan# 1634
 Delta R.T. -0.006 min
 Lab File: BF130577.D
 Acq: 07 Oct 2022 16:06

Tgt Ion:149 Resp: 1102277
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.4 4.8 7.2

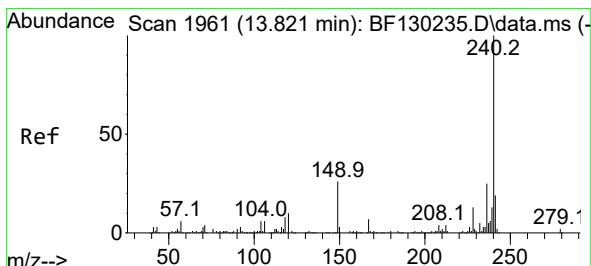
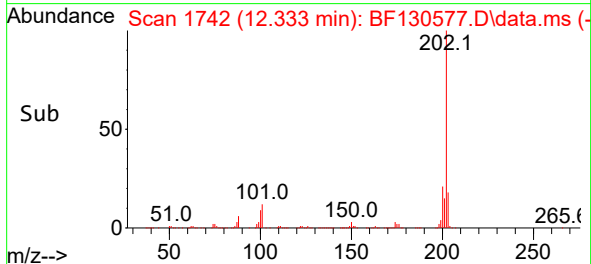
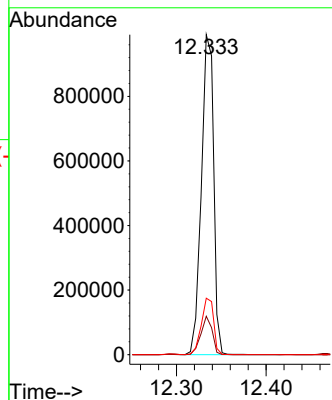
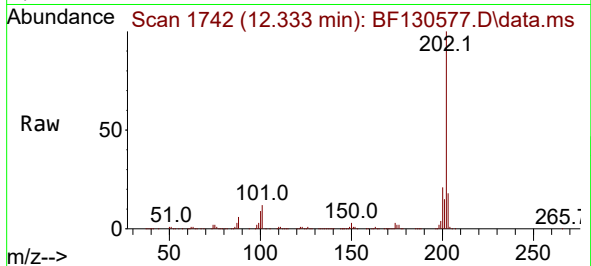




#75
Fluoranthene
Concen: 39.662 ng
RT: 12.333 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130577.D
Acq: 07 Oct 2022 16:06

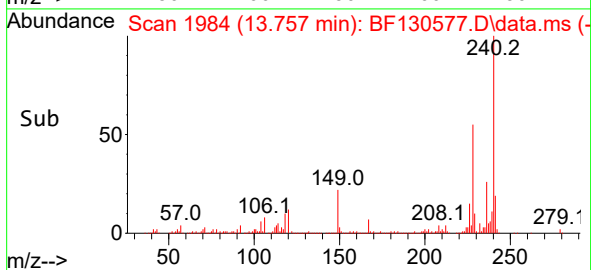
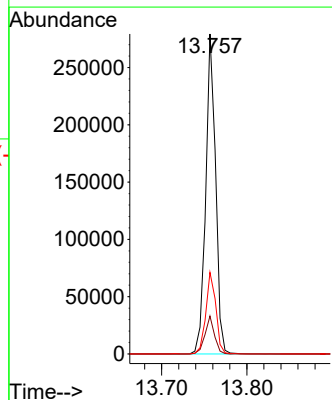
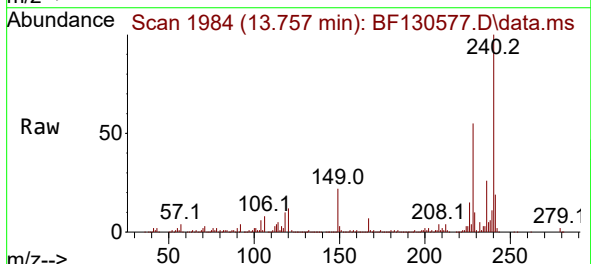
Instrument :
BNA_F
ClientSampleId :
PB148182BS

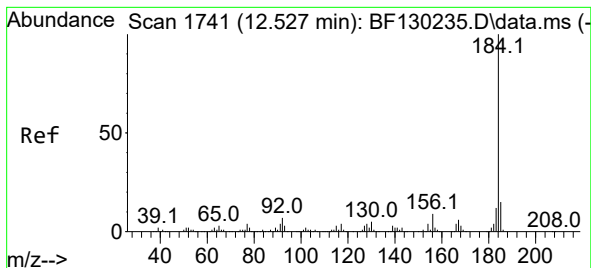
Tgt Ion:202 Resp: 938972
Ion Ratio Lower Upper
202 100
101 12.0 0.0 31.8
203 17.7 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.757 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BF130577.D
Acq: 07 Oct 2022 16:06

Tgt Ion:240 Resp: 224432
Ion Ratio Lower Upper
240 100
120 11.9 8.7 13.1
236 25.5 20.9 31.3





#77

Benzidine

Concen: 57.821 ng

RT: 12.469 min Scan# 1765

Delta R.T. -0.000 min

Lab File: BF130577.D

Acq: 07 Oct 2022 16:06

Instrument :

BNA_F

ClientSampleId :

PB148182BS

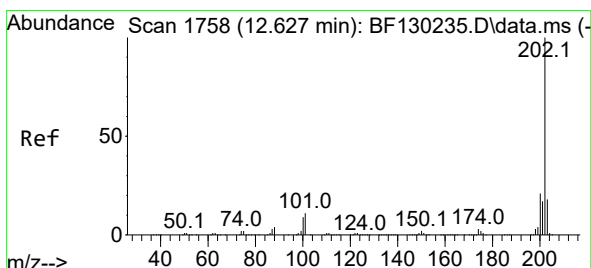
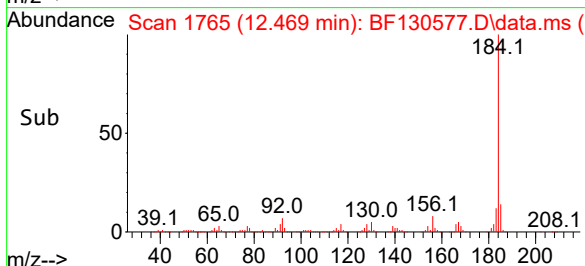
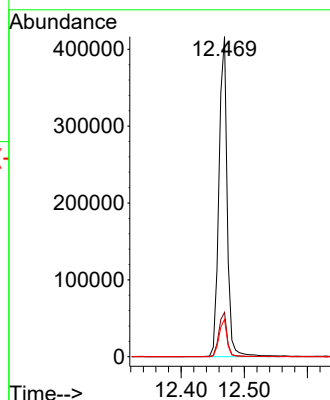
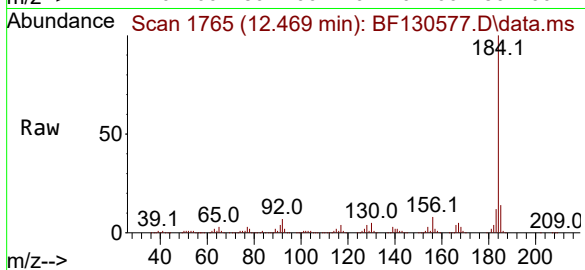
Tgt Ion:184 Resp: 376709

Ion Ratio Lower Upper

184 100

185 13.8 11.8 17.6

183 11.7 9.1 13.7



#78

Pyrene

Concen: 46.727 ng

RT: 12.563 min Scan# 1781

Delta R.T. -0.000 min

Lab File: BF130577.D

Acq: 07 Oct 2022 16:06

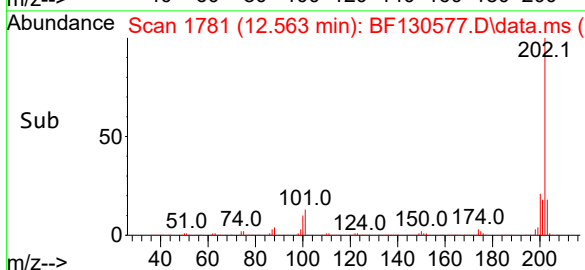
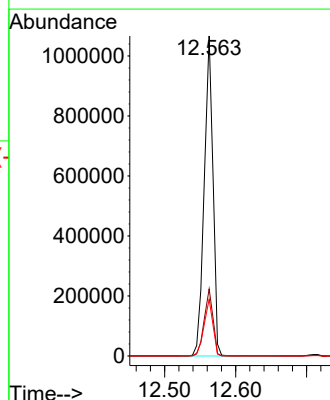
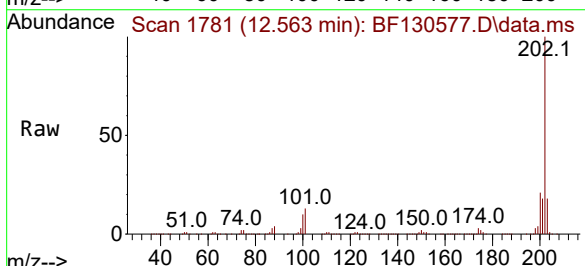
Tgt Ion:202 Resp: 917410

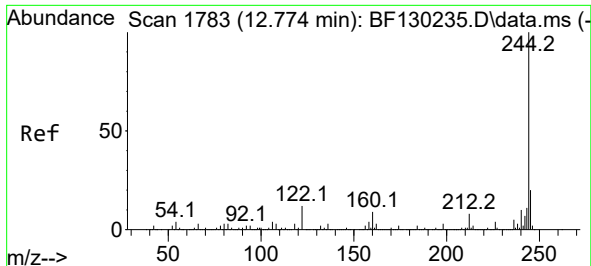
Ion Ratio Lower Upper

202 100

200 21.0 17.2 25.8

203 17.7 14.3 21.5

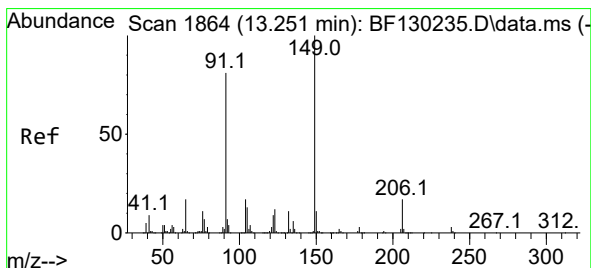
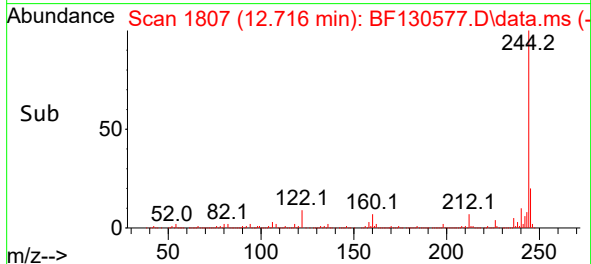
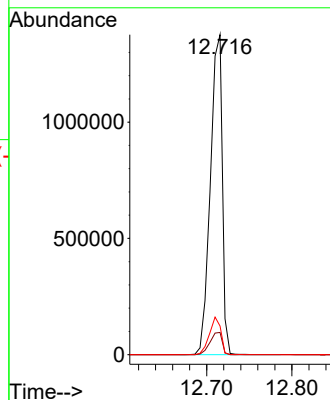
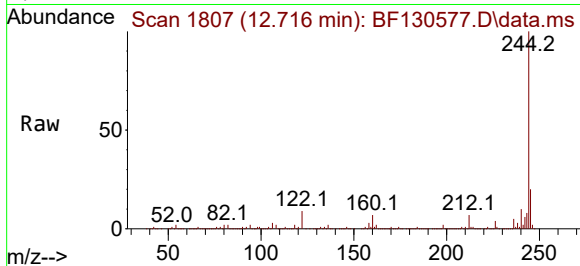




#79
 Terphenyl-d14
 Concen: 98.805 ng
 RT: 12.716 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF130577.D
 Acq: 07 Oct 2022 16:06

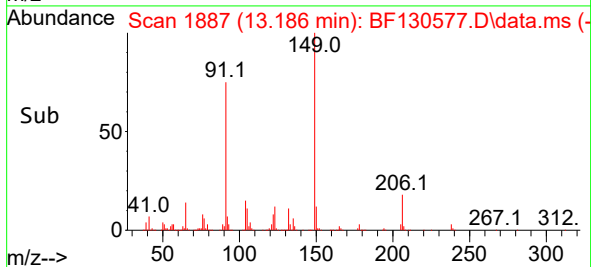
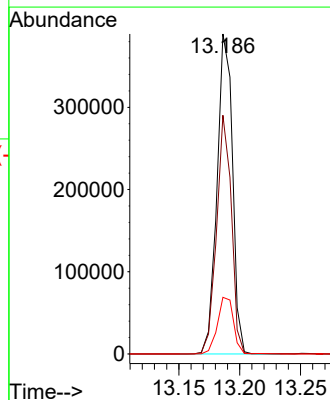
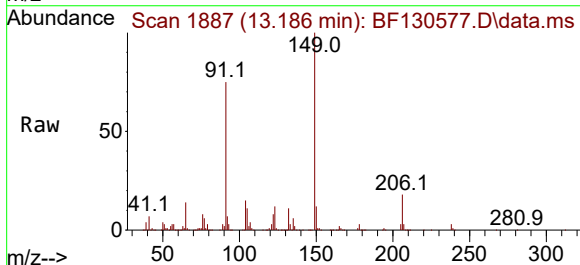
Instrument :
 BNA_F
 ClientSampleId :
 PB148182BS

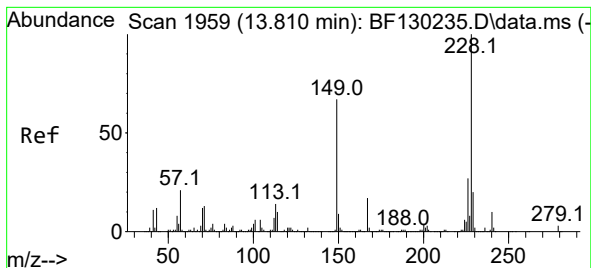
Tgt Ion:244 Resp: 1338679
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 9.0 8.5 12.7



#80
 Butylbenzylphthalate
 Concen: 47.418 ng
 RT: 13.186 min Scan# 1887
 Delta R.T. -0.006 min
 Lab File: BF130577.D
 Acq: 07 Oct 2022 16:06

Tgt Ion:149 Resp: 344893
 Ion Ratio Lower Upper
 149 100
 91 74.6 59.8 89.8
 206 17.7 13.9 20.9





#81

Benzo(a)anthracene

Concen: 42.912 ng

RT: 13.745 min Scan# 1959

Delta R.T. -0.006 min

Lab File: BF130577.D

Acq: 07 Oct 2022 16:06

Instrument :

BNA_F

ClientSampleId :

PB148182BS

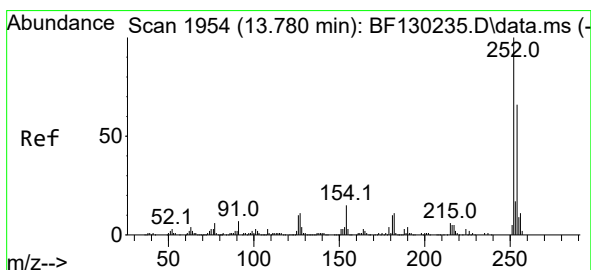
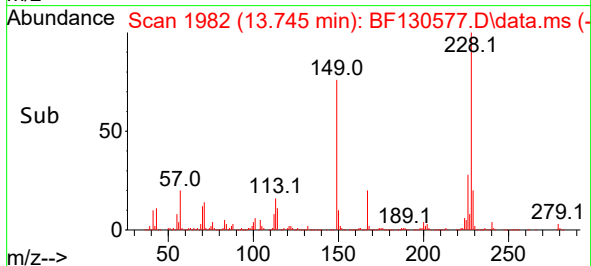
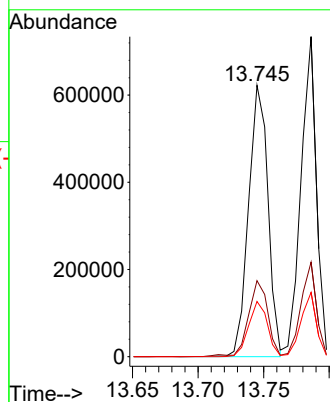
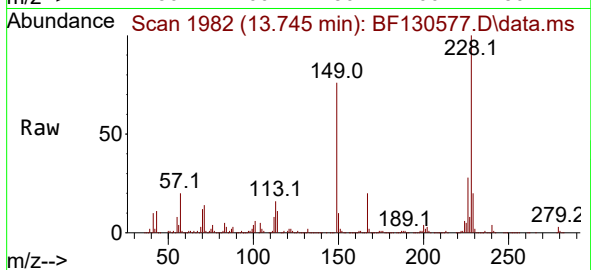
Tgt Ion:228 Resp: 640692

Ion Ratio Lower Upper

228 100

226 28.0 21.9 32.9

229 20.3 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 49.070 ng

RT: 13.716 min Scan# 1977

Delta R.T. -0.006 min

Lab File: BF130577.D

Acq: 07 Oct 2022 16:06

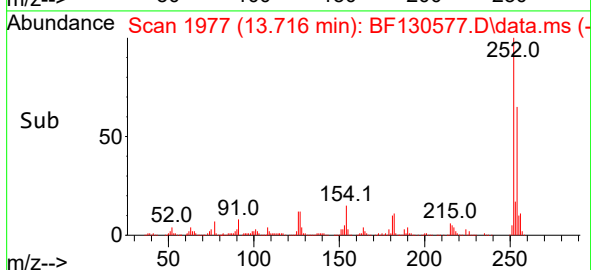
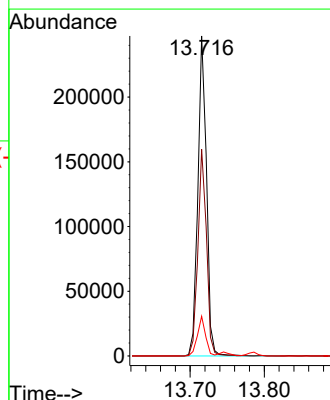
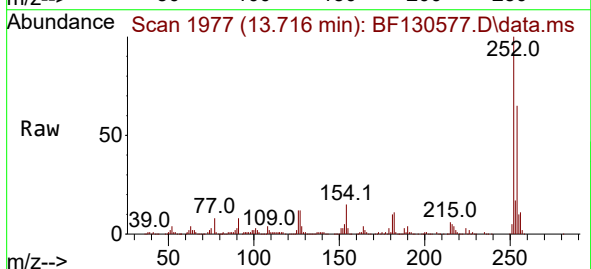
Tgt Ion:252 Resp: 199430

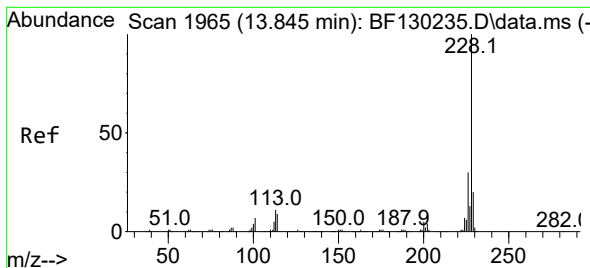
Ion Ratio Lower Upper

252 100

254 64.6 51.1 76.7

126 12.4 10.4 15.6





#83

Chrysene

Concen: 42.433 ng

RT: 13.786 min Scan# 1989

Delta R.T. -0.000 min

Lab File: BF130577.D

Acq: 07 Oct 2022 16:06

Instrument :

BNA_F

ClientSampleId :

PB148182BS

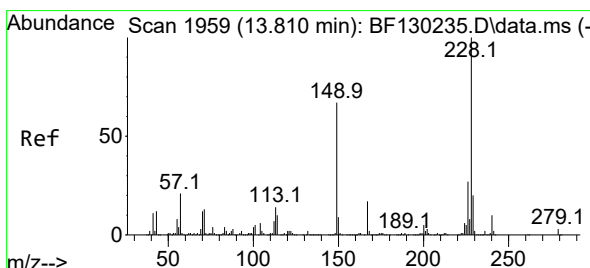
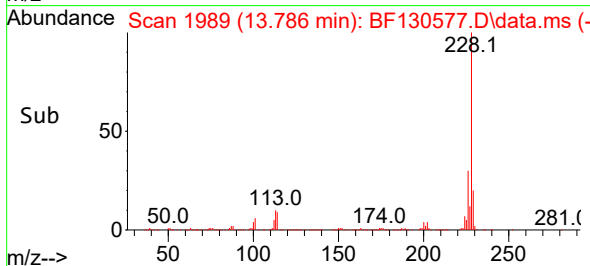
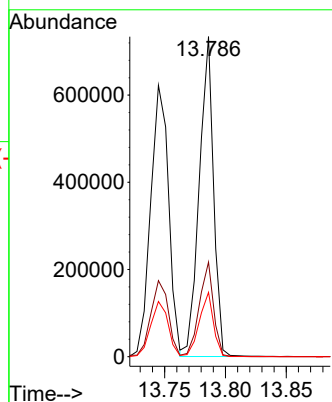
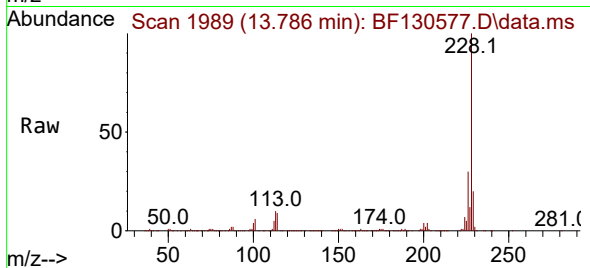
Tgt Ion:228 Resp: 601548

Ion Ratio Lower Upper

228 100

226 29.6 23.8 35.8

229 20.1 15.3 22.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.256 ng

RT: 13.745 min Scan# 1982

Delta R.T. -0.006 min

Lab File: BF130577.D

Acq: 07 Oct 2022 16:06

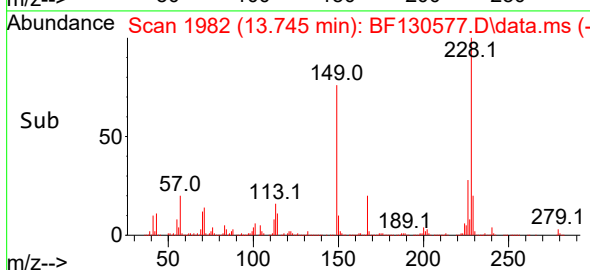
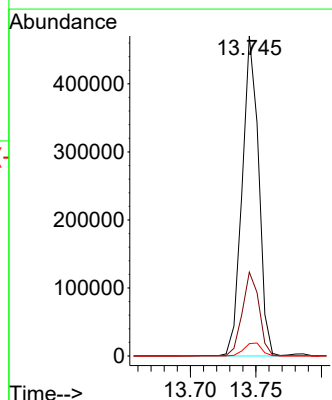
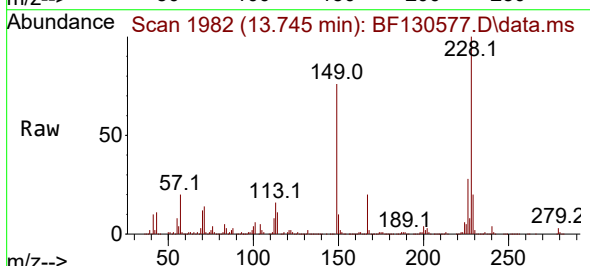
Tgt Ion:149 Resp: 410365

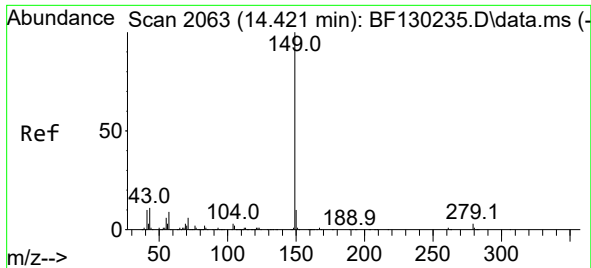
Ion Ratio Lower Upper

149 100

167 26.2 20.5 30.7

279 3.8 2.9 4.3

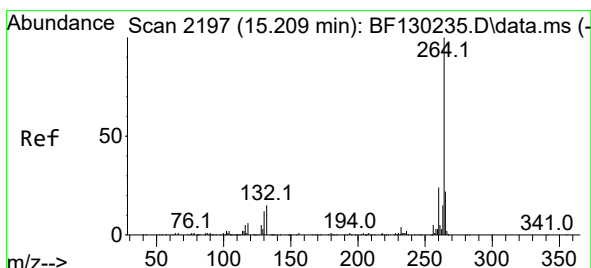
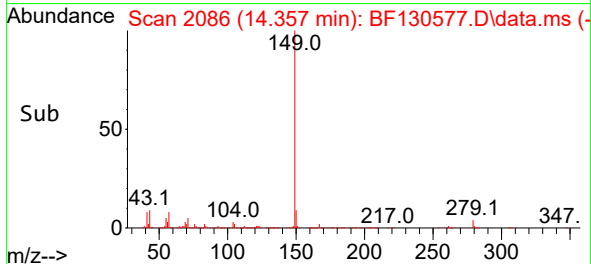
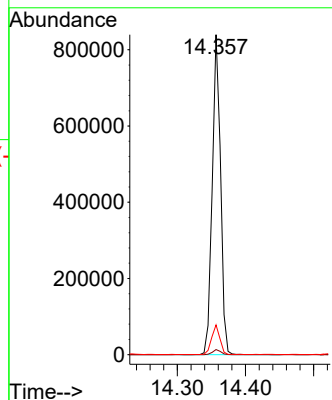
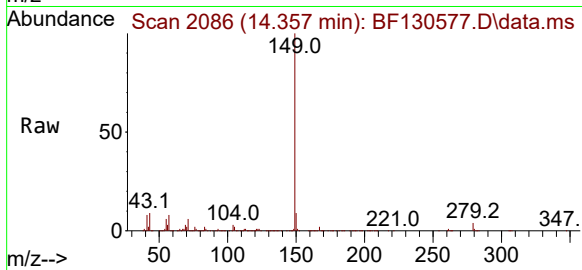




#85
Di-n-octyl phthalate
Concen: 55.871 ng
RT: 14.357 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BF130577.D
Acq: 07 Oct 2022 16:06

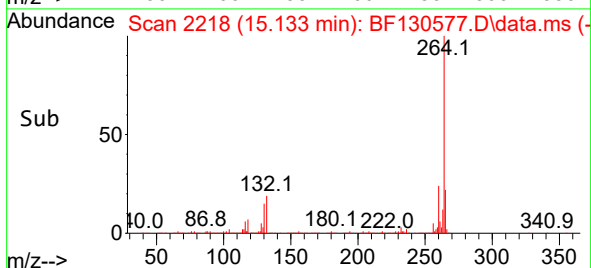
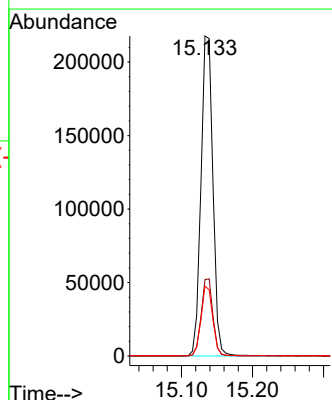
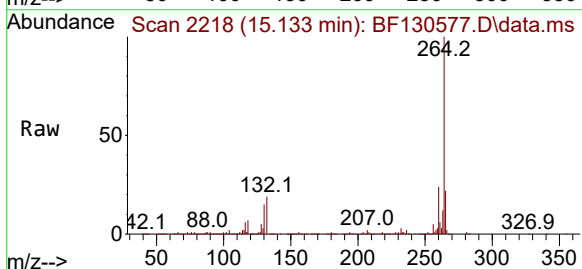
Instrument :
BNA_F
ClientSampleId :
PB148182BS

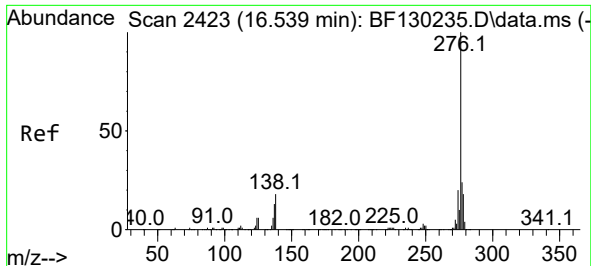
Tgt Ion:149 Resp: 711940
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.2 8.7 13.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.133 min Scan# 2218
Delta R.T. -0.012 min
Lab File: BF130577.D
Acq: 07 Oct 2022 16:06

Tgt Ion:264 Resp: 255655
Ion Ratio Lower Upper
264 100
260 23.9 19.3 28.9
265 21.9 17.0 25.4

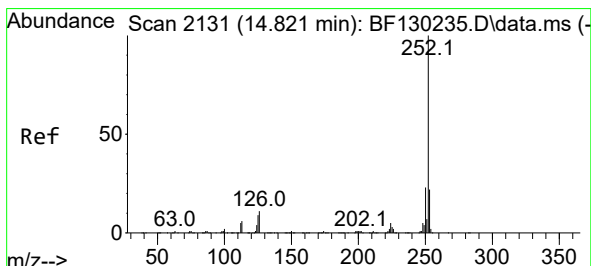
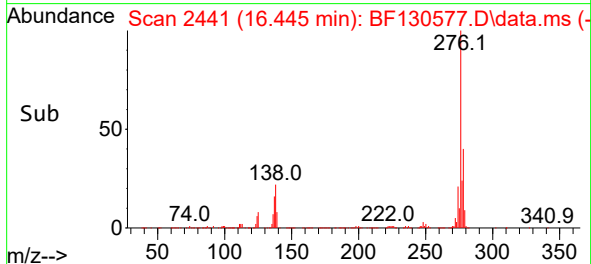
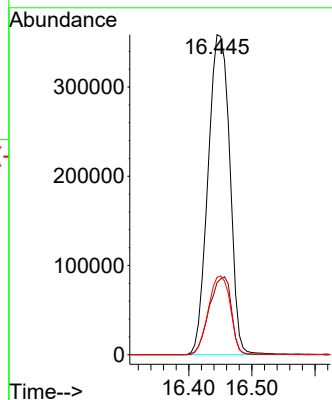
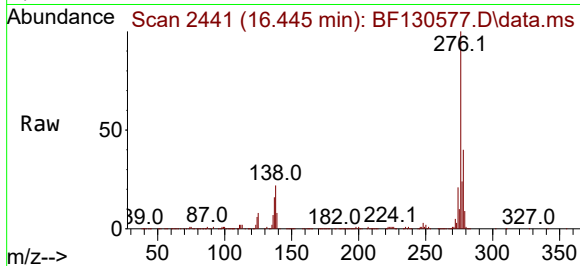




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 47.359 ng
 RT: 16.445 min Scan# 2423
 Delta R.T. -0.012 min
 Lab File: BF130577.D
 Acq: 07 Oct 2022 16:06

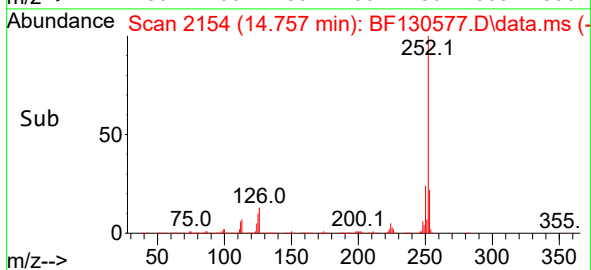
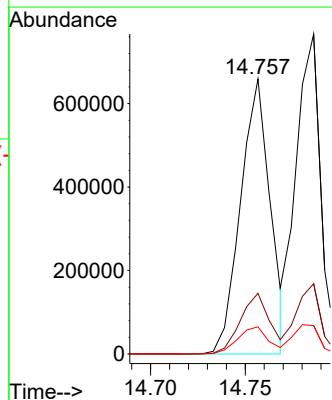
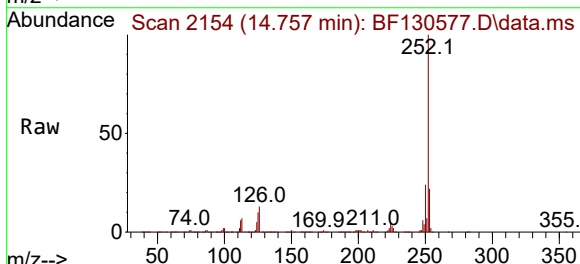
Instrument :
 BNA_F
 ClientSampleId :
 PB148182BS

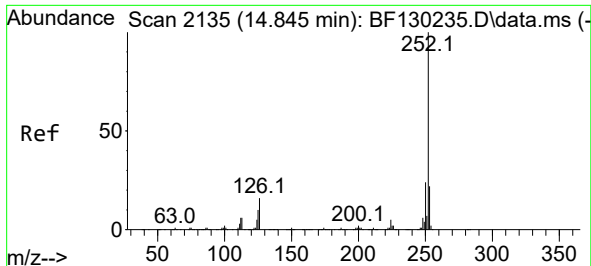
Tgt Ion:276 Resp: 858591
 Ion Ratio Lower Upper
 276 100
 138 24.8 18.5 27.7
 277 25.0 20.2 30.4



#88
 Benzo(b)fluoranthene
 Concen: 43.014 ng
 RT: 14.757 min Scan# 2154
 Delta R.T. -0.006 min
 Lab File: BF130577.D
 Acq: 07 Oct 2022 16:06

Tgt Ion:252 Resp: 717759
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.7 26.5
 125 9.9 8.1 12.1

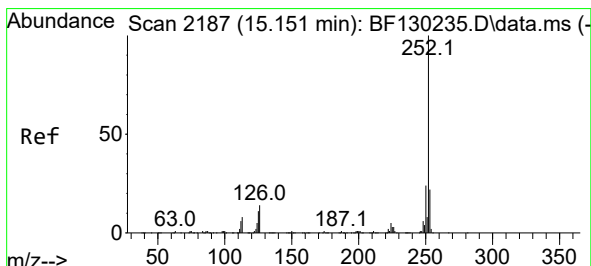
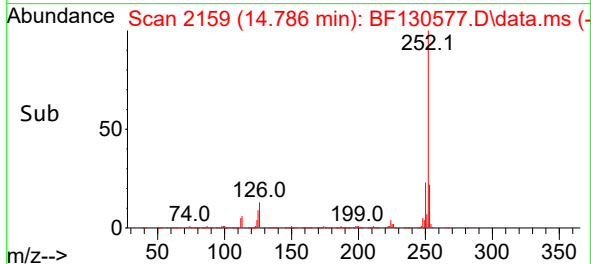
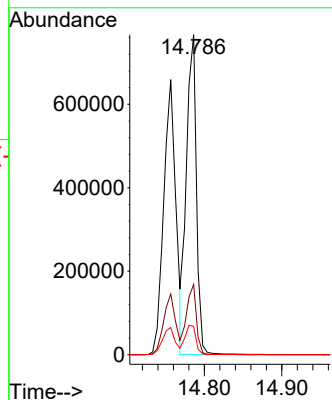
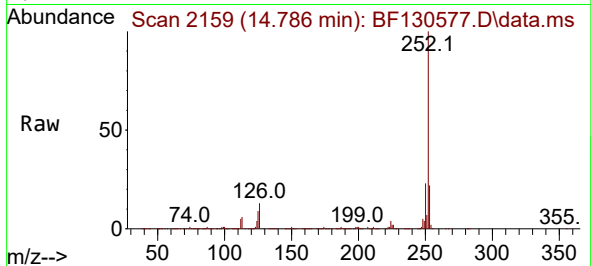




#89
Benzo(k)fluoranthene
Concen: 42.146 ng
RT: 14.786 min Scan# 2110
Delta R.T. -0.000 min
Lab File: BF130577.D
Acq: 07 Oct 2022 16:06

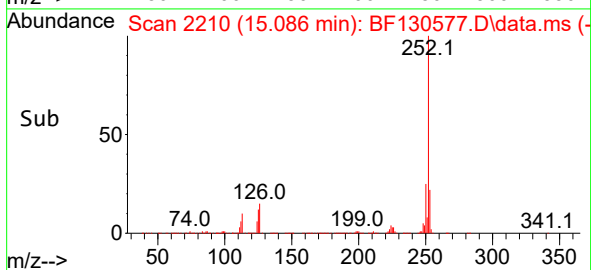
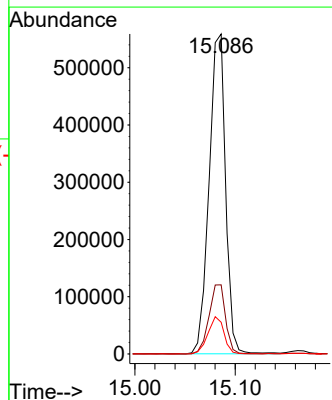
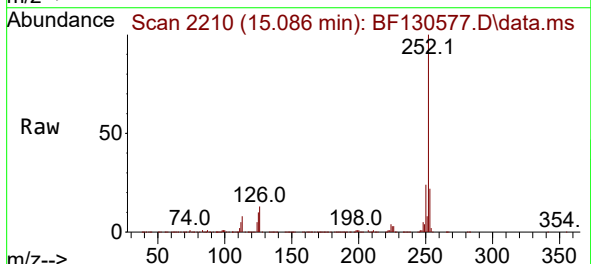
Instrument :
BNA_F
ClientSampleId :
PB148182BS

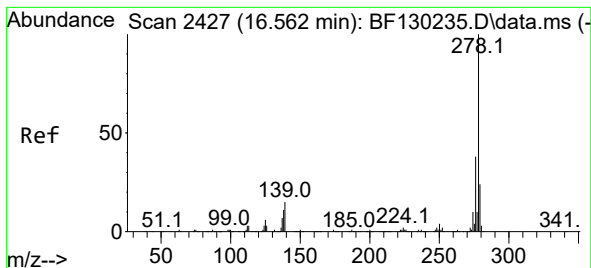
Tgt Ion:252 Resp: 691796
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 8.8 7.9 11.9



#90
Benzo(a)pyrene
Concen: 48.336 ng
RT: 15.086 min Scan# 2210
Delta R.T. -0.006 min
Lab File: BF130577.D
Acq: 07 Oct 2022 16:06

Tgt Ion:252 Resp: 638988
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.6
125 9.9 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 50.577 ng

RT: 16.462 min Scan# 24

Delta R.T. -0.012 min

Lab File: BF130577.D

Acq: 07 Oct 2022 16:06

Instrument :

BNA_F

ClientSampleId :

PB148182BS

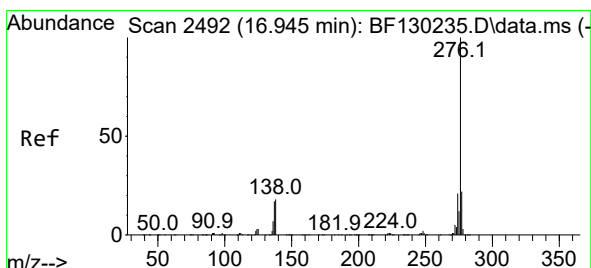
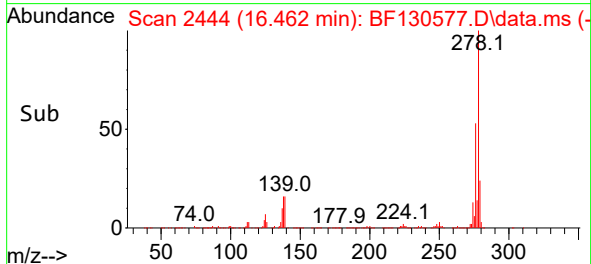
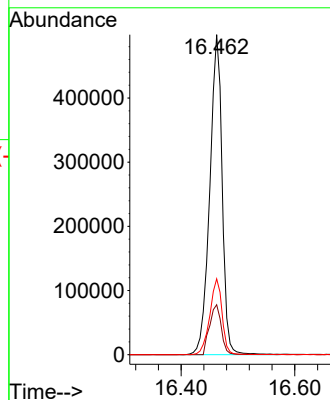
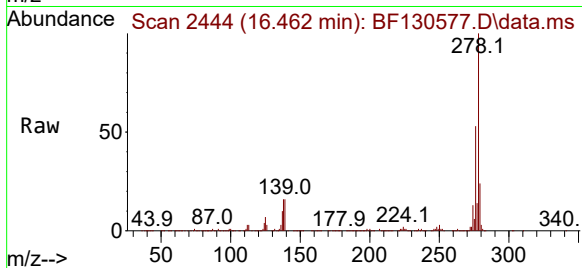
Tgt Ion:278 Resp: 752220

Ion Ratio Lower Upper

278 100

139 15.6 11.8 17.8

279 23.7 19.4 29.0



#92

Benzo(g,h,i)perylene

Concen: 49.427 ng

RT: 16.845 min Scan# 2509

Delta R.T. -0.006 min

Lab File: BF130577.D

Acq: 07 Oct 2022 16:06

Tgt Ion:276 Resp: 740505

Ion Ratio Lower Upper

276 100

277 23.4 18.6 27.8

138 21.1 14.6 21.8

