

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102122\
 Data File : BF130743.D
 Acq On : 21 Oct 2022 14:07
 Operator : CG\JU
 Sample : PB148422BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148422BS

Quant Time: Oct 21 18:17:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 06:12:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.563	152	95053	20.000	ng	0.00
21) Naphthalene-d8	7.845	136	457801	20.000	ng	0.00
39) Acenaphthene-d10	9.598	164	227432	20.000	ng	0.00
64) Phenanthrene-d10	11.080	188	446252	20.000	ng	0.00
76) Chrysene-d12	13.709	240	220500	20.000	ng	0.00
86) Perylene-d12	15.080	264	181416	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.181	112	865907	157.088	ng	0.02
7) Phenol-d6	6.228	99	1030798	154.558	ng	0.00
23) Nitrobenzene-d5	7.139	82	578098	66.987	ng	0.00
42) 2,4,6-Tribromophenol	10.392	330	349901	161.776	ng	0.00
45) 2-Fluorobiphenyl	8.927	172	1244974	83.421	ng	0.00
79) Terphenyl-d14	12.657	244	1289218	98.529	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.204	88	94575	28.838	ng	98
3) Pyridine	2.881	79	219976	34.792	ng	99
4) n-Nitrosodimethylamine	2.840	42	131043	46.651	ng	97
6) Aniline	6.234	93	353912	46.059	ng	94
8) 2-Chlorophenol	6.357	128	333870	52.346	ng	94
9) Benzaldehyde	6.122	77	98260	25.234	ng	96
10) Phenol	6.239	94	386222	52.527	ng	95
11) bis(2-Chloroethyl)ether	6.310	93	296164	54.230	ng	99
12) 1,3-Dichlorobenzene	6.504	146	343148	49.525	ng	98
13) 1,4-Dichlorobenzene	6.581	146	307672	43.172	ng	99
14) 1,2-Dichlorobenzene	6.733	146	294519	43.741	ng	100
15) Benzyl Alcohol	6.733	79	194759	39.811	ng	99
16) 2,2'-oxybis(1-Chloropr...	6.845	45	302423	43.171	ng	# 54
17) 2-Methylphenol	6.845	107	227955	43.445	ng	97
18) Hexachloroethane	7.063	117	115653	43.452	ng	93
19) n-Nitroso-di-n-propyla...	6.992	70	194639	43.190	ng	99
20) 3+4-Methylphenols	7.004	107	299302	43.521	ng	# 86
22) Acetophenone	6.986	105	410418	36.751	ng	99
24) Nitrobenzene	7.163	77	303034	34.518	ng	94
25) Isophorone	7.398	82	555150	39.043	ng	99
26) 2-Nitrophenol	7.475	139	165832	37.676	ng	97
27) 2,4-Dimethylphenol	7.522	122	269581	45.268	ng	98
28) bis(2-Chloroethoxy)met...	7.610	93	349122	42.388	ng	100
29) 2,4-Dichlorophenol	7.722	162	292544	44.550	ng	99
30) 1,2,4-Trichlorobenzene	7.792	180	292575	42.427	ng	98
31) Naphthalene	7.869	128	974888	41.300	ng	99
32) Benzoic acid	7.716	122	136701	40.699	ng	98
33) 4-Chloroaniline	7.933	127	336993	37.109	ng	99
34) Hexachlorobutadiene	7.980	225	177071	40.387	ng	98
35) Caprolactam	8.386	113	43494	21.193	ng	94
36) 4-Chloro-3-methylphenol	8.439	107	320326	45.134	ng	96
37) 2-Methylnaphthalene	8.557	142	647619	41.874	ng	100
38) 1-Methylnaphthalene	8.657	142	609377	39.741	ng	100
40) 1,2,4,5-Tetrachloroben...	8.727	216	273057	45.245	ng	99
41) Hexachlorocyclopentadiene	8.704	237	139166	106.335	ng	95
43) 2,4,6-Trichlorophenol	8.851	196	179791	47.335	ng	97

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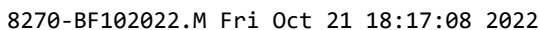
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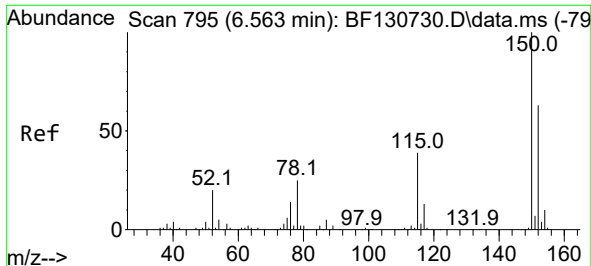
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.904	196	199151	48.211	ng	98
46) 1,1'-Biphenyl	9.027	154	810531	51.095	ng	99
47) 2-Chloronaphthalene	9.051	162	627266	47.549	ng	98
48) 2-Nitroaniline	9.163	65	191444	47.281	ng	95
49) Acenaphthylene	9.457	152	954339	49.098	ng	99
50) Dimethylphthalate	9.339	163	753366	49.246	ng	100
51) 2,6-Dinitrotoluene	9.404	165	170281	49.706	ng	# 85
52) Acenaphthene	9.633	154	513890	42.535	ng	99
53) 3-Nitroaniline	9.574	138	135229	34.643	ng	98
54) 2,4-Dinitrophenol	9.698	184	125928	89.621	ng	99
55) Dibenzofuran	9.804	168	801920	43.122	ng	99
56) 4-Nitrophenol	9.769	139	79776	69.196	ng	93
57) 2,4-Dinitrotoluene	9.810	165	211075	45.740	ng	# 83
58) Fluorene	10.145	166	709030	45.844	ng	99
59) 2,3,4,6-Tetrachlorophenol	9.933	232	170855	52.026	ng	99
60) Diethylphthalate	10.033	149	733977	46.502	ng	100
61) 4-Chlorophenyl-phenyle...	10.139	204	328564	47.398	ng	97
62) 4-Nitroaniline	10.198	138	171607	46.346	ng	99
63) Azobenzene	10.298	77	651526	47.013	ng	98
65) 4,6-Dinitro-2-methylph...	10.221	198	109424	41.027	ng	82
66) n-Nitrosodiphenylamine	10.263	169	583190	37.910	ng	100
67) 4-Bromophenyl-phenylether	10.621	248	209533	39.035	ng	96
68) Hexachlorobenzene	10.686	284	257238	41.927	ng	95
69) Atrazine	10.798	200	194830	45.732	ng	99
70) Pentachlorophenol	10.898	266	124759	82.797	ng	96
71) Phenanthrene	11.104	178	1012063	41.357	ng	99
72) Anthracene	11.157	178	950251	38.913	ng	99
73) Carbazole	11.316	167	837630	37.151	ng	99
74) Di-n-butylphthalate	11.645	149	1095101	39.490	ng	99
75) Fluoranthene	12.286	202	1040540	42.060	ng	99
77) Benzidine	12.421	184	304744	131.480	ng	97
78) Pyrene	12.510	202	867919	46.893	ng	99
80) Butylbenzylphthalate	13.133	149	338699	46.119	ng	97
81) Benzo(a)anthracene	13.698	228	623296	42.305	ng	99
82) 3,3'-Dichlorobenzidine	13.668	252	201624	47.124	ng	98
83) Chrysene	13.733	228	588422	41.219	ng	99
84) Bis(2-ethylhexyl)phtha...	13.686	149	410001	47.128	ng	100
85) Di-n-octyl phthalate	14.298	149	526709	45.922	ng	99
87) Indeno(1,2,3-cd)pyrene	16.374	276	582778	44.791	ng	99
88) Benzo(b)fluoranthene	14.704	252	524987	43.462	ng	99
89) Benzo(k)fluoranthene	14.733	252	554552	45.696	ng	99
90) Benzo(a)pyrene	15.027	252	470038	48.449	ng	99
91) Dibenzo(a,h)anthracene	16.380	278	515700	47.966	ng	100
92) Benzo(g,h,i)perylene	16.762	276	495070	45.913	ng	100

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

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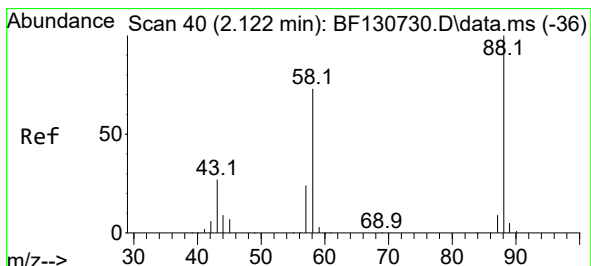
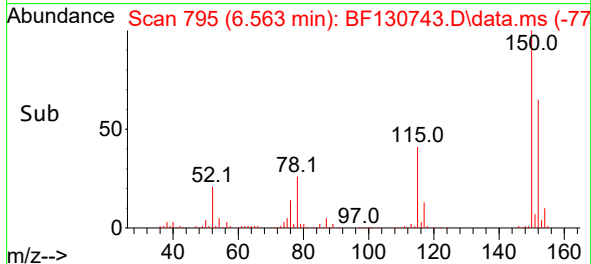
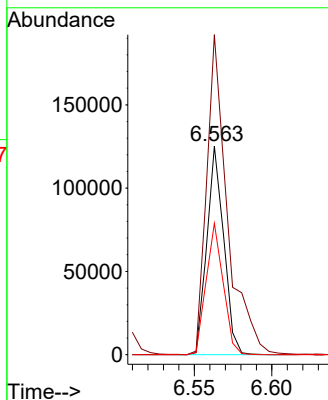
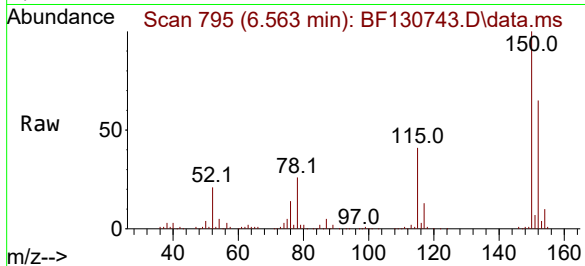




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.563 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF130743.D
 Acq: 21 Oct 2022 14:07

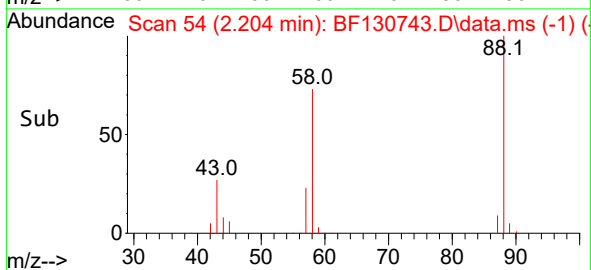
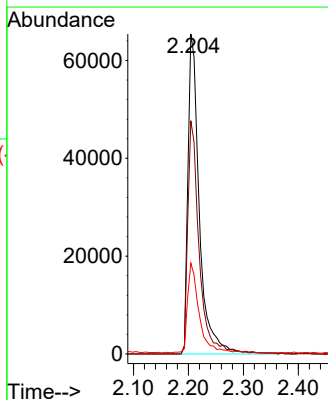
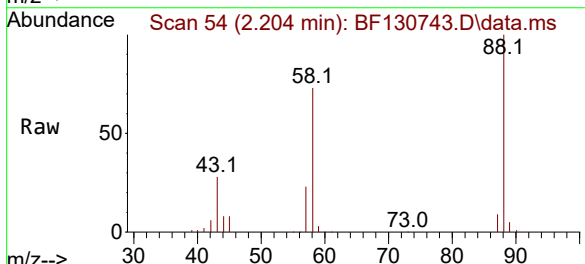
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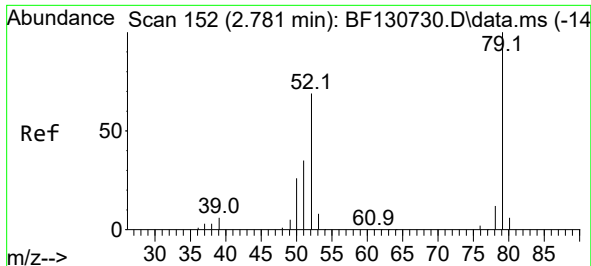
Tgt Ion:152 Resp: 95053
 Ion Ratio Lower Upper
 152 100
 150 153.3 127.0 190.6
 115 63.0 49.9 74.9



#2
 1,4-Dioxane
 Concen: 28.838 ng
 RT: 2.204 min Scan# 54
 Delta R.T. 0.082 min
 Lab File: BF130743.D
 Acq: 21 Oct 2022 14:07

Tgt Ion: 88 Resp: 94575
 Ion Ratio Lower Upper
 88 100
 58 73.0 57.1 85.7
 43 27.8 21.4 32.2

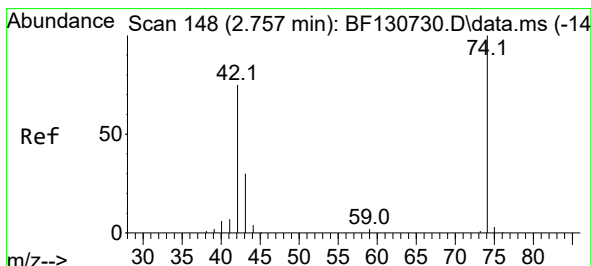
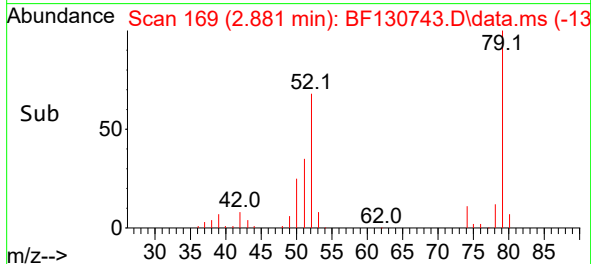
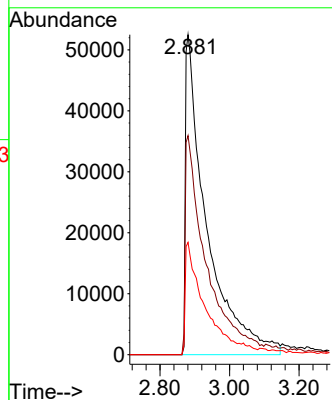
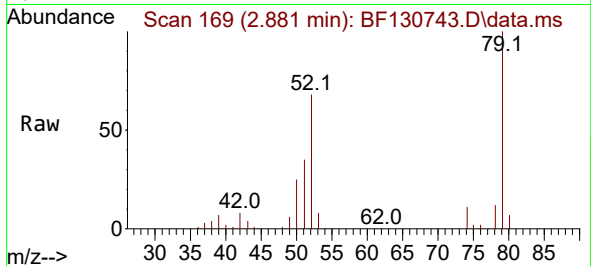




#3
Pyridine
Concen: 34.792 ng
RT: 2.881 min Scan# 1
Delta R.T. 0.100 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

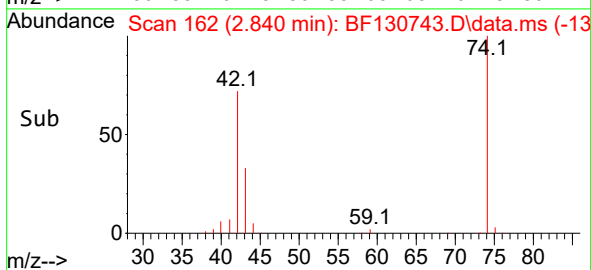
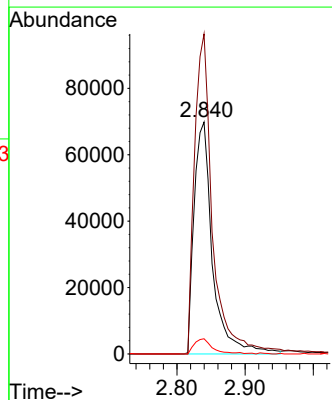
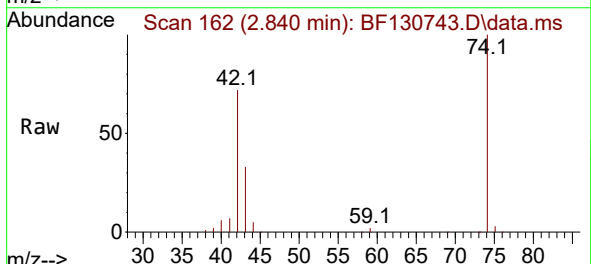
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BNA_F
ClientSampleId :
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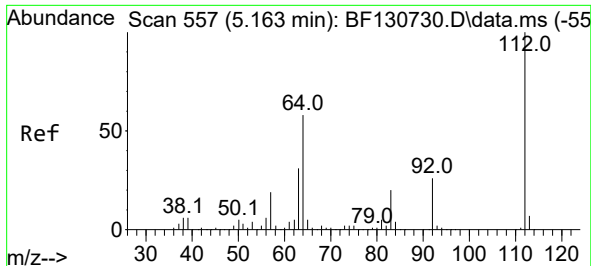
Tgt Ion: 79 Resp: 219976
Ion Ratio Lower Upper
79 100
52 68.5 55.4 83.0
51 35.1 28.1 42.1



#4
n-Nitrosodimethylamine
Concen: 46.651 ng
RT: 2.840 min Scan# 162
Delta R.T. 0.082 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

Tgt Ion: 42 Resp: 131043
Ion Ratio Lower Upper
42 100
74 138.0 107.3 160.9
44 6.5 4.6 7.0

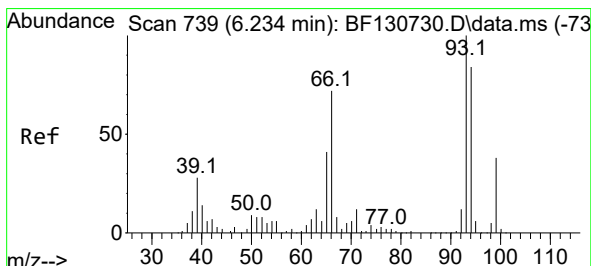
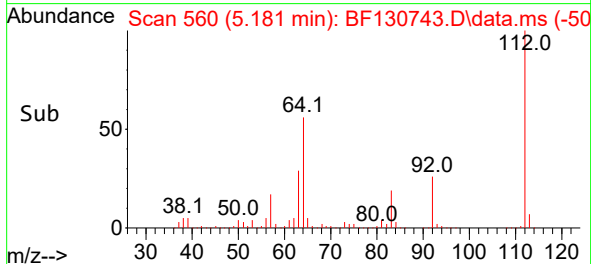
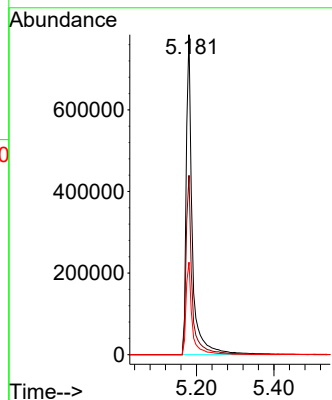
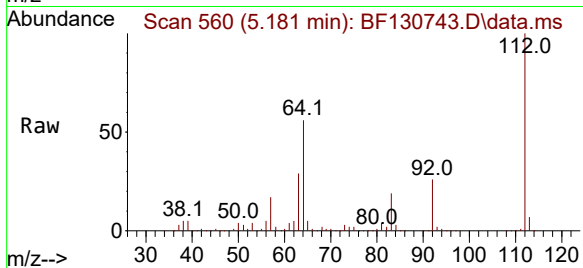




#5
2-Fluorophenol
Concen: 157.088 ng
RT: 5.181 min Scan# 511
Delta R.T. 0.018 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

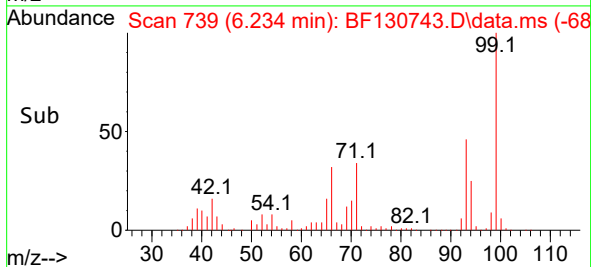
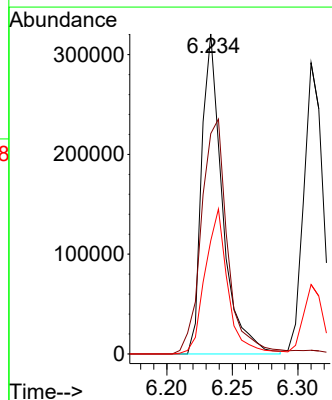
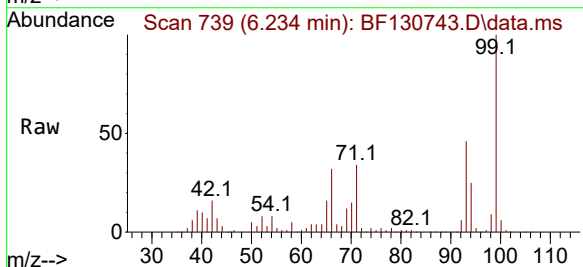
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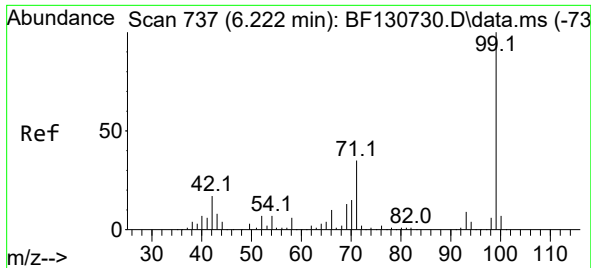
Tgt Ion:112 Resp: 865907
Ion Ratio Lower Upper
112 100
64 56.1 46.2 69.4
63 28.9 25.1 37.7



#6
Aniline
Concen: 46.059 ng
RT: 6.234 min Scan# 739
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

Tgt Ion: 93 Resp: 353912
Ion Ratio Lower Upper
93 100
66 68.8 57.9 86.9
65 35.4 33.0 49.6

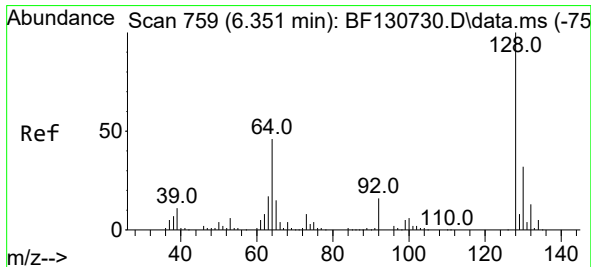
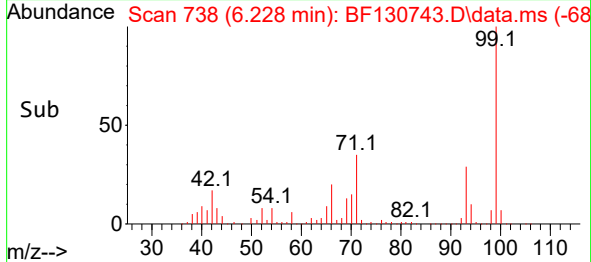
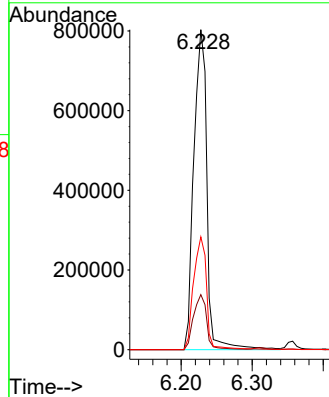
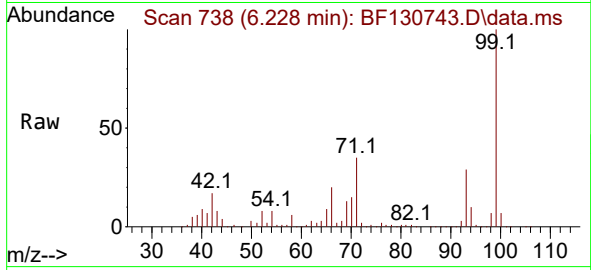




#7
Phenol-d6
Concen: 154.558 ng
RT: 6.228 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

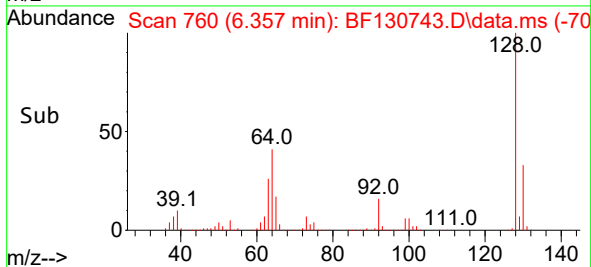
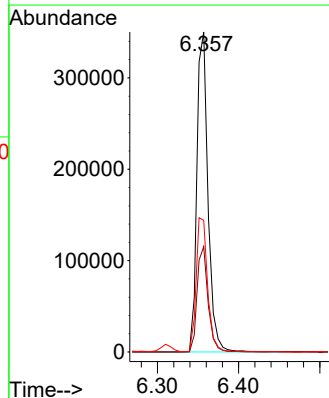
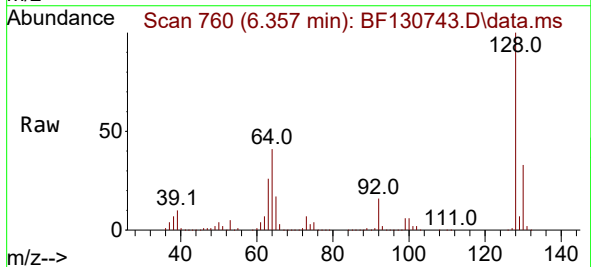
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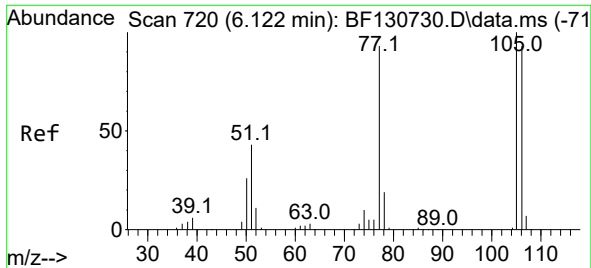
Tgt Ion: 99 Resp: 1030798
Ion Ratio Lower Upper
99 100
42 17.2 13.8 20.8
71 35.3 28.3 42.5



#8
2-Chlorophenol
Concen: 52.346 ng
RT: 6.357 min Scan# 760
Delta R.T. 0.006 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

Tgt Ion:128 Resp: 333870
Ion Ratio Lower Upper
128 100
130 32.9 12.1 52.1
64 41.2 26.8 66.8

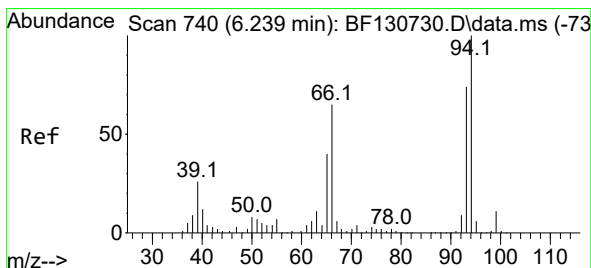
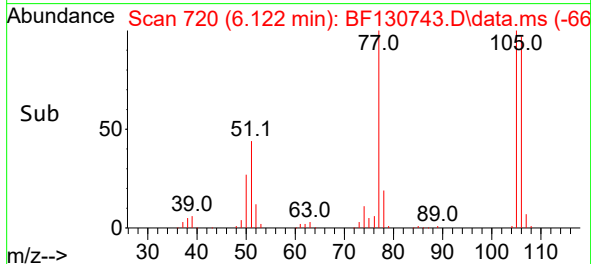
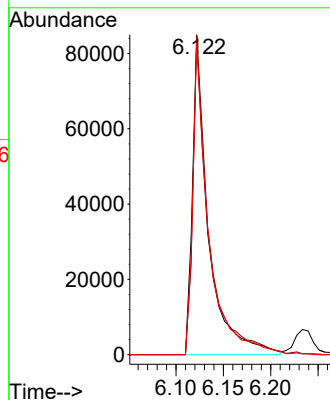
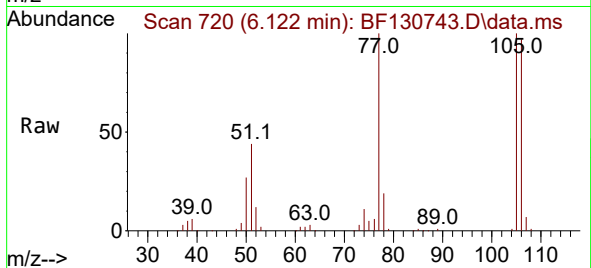




#9
Benzaldehyde
Concen: 25.234 ng
RT: 6.122 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

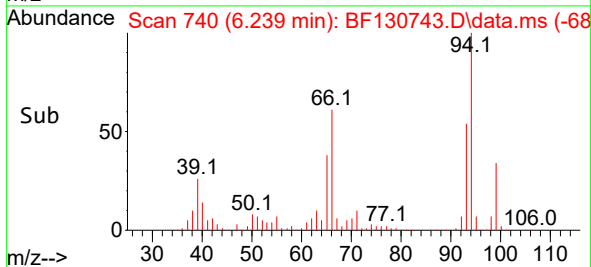
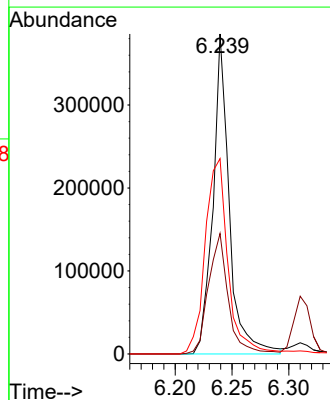
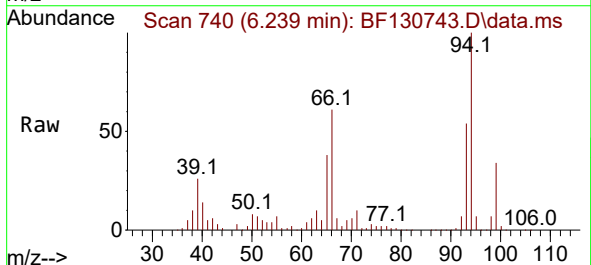
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ClientSampleId :
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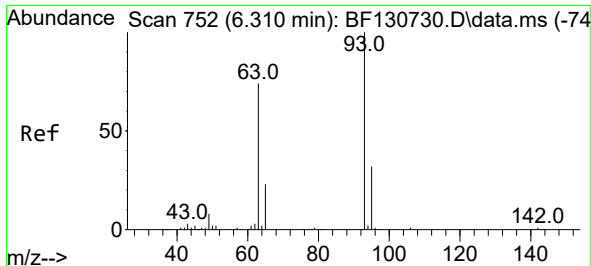
Tgt Ion: 77 Resp: 98260
Ion Ratio Lower Upper
77 100
105 100.4 87.1 127.1
106 97.8 79.5 119.5



#10
Phenol
Concen: 52.527 ng
RT: 6.239 min Scan# 740
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

Tgt Ion: 94 Resp: 386222
Ion Ratio Lower Upper
94 100
65 37.7 20.3 60.3
66 61.1 45.2 85.2





#11

bis(2-Chloroethyl)ether

Concen: 54.230 ng

RT: 6.310 min Scan# 752

Delta R.T. -0.000 min

Lab File: BF130743.D

Acq: 21 Oct 2022 14:07

Instrument :

BNA_F

ClientSampleId :

PB148422BS

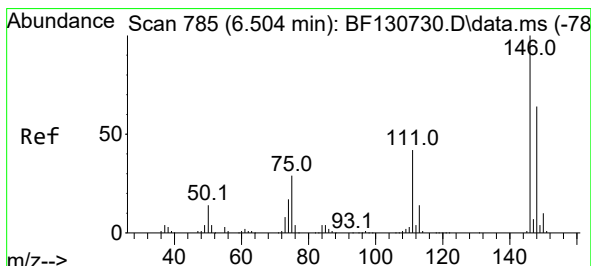
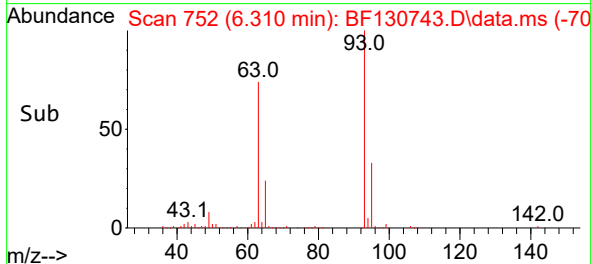
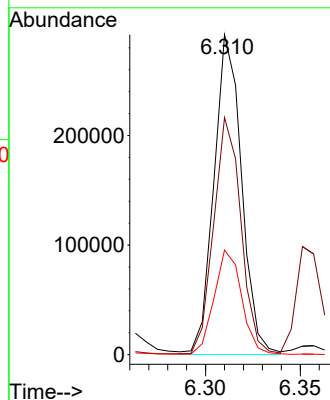
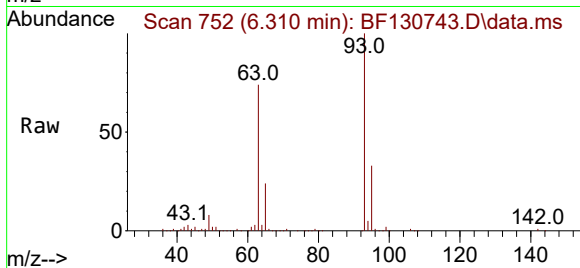
Tgt Ion: 93 Resp: 296164

Ion Ratio Lower Upper

93 100

63 74.1 53.6 93.6

95 32.7 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 49.525 ng

RT: 6.504 min Scan# 785

Delta R.T. -0.000 min

Lab File: BF130743.D

Acq: 21 Oct 2022 14:07

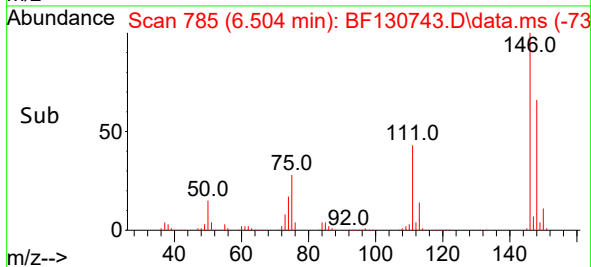
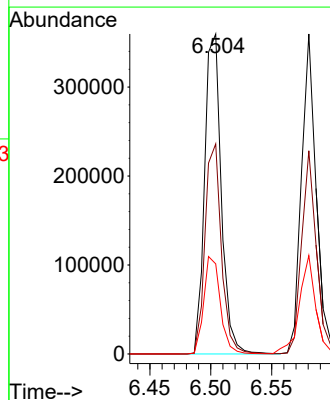
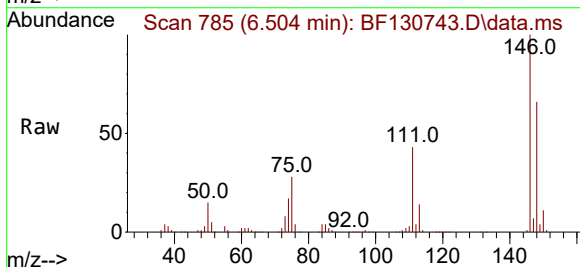
Tgt Ion:146 Resp: 343148

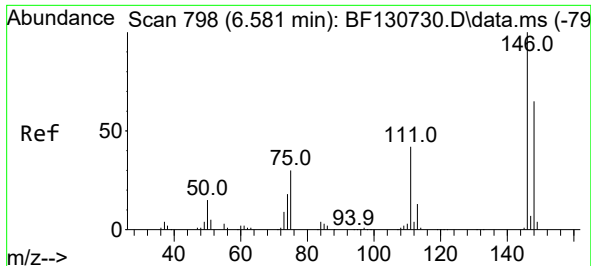
Ion Ratio Lower Upper

146 100

148 65.7 50.9 76.3

75 28.1 22.9 34.3





#13

1,4-Dichlorobenzene

Concen: 43.172 ng

RT: 6.581 min Scan# 798

Delta R.T. -0.000 min

Lab File: BF130743.D

Acq: 21 Oct 2022 14:07

Instrument :

BNA_F

ClientSampleId :

PB148422BS

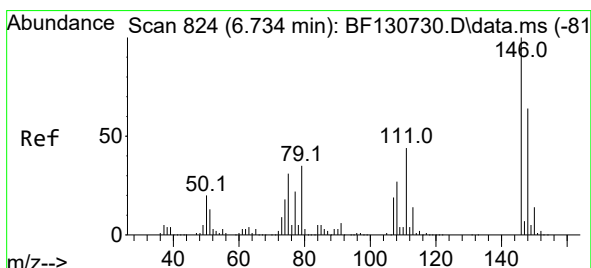
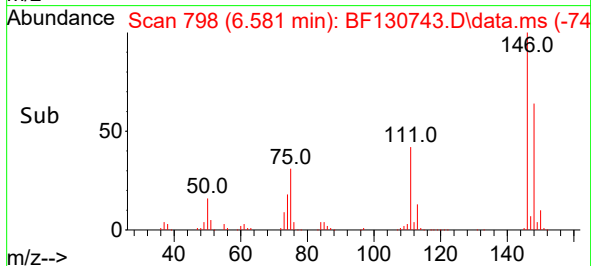
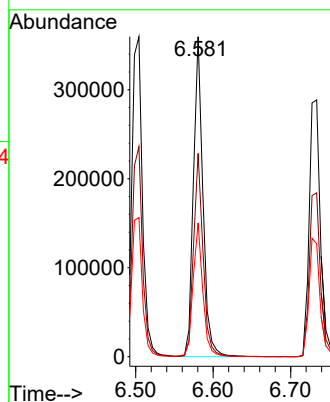
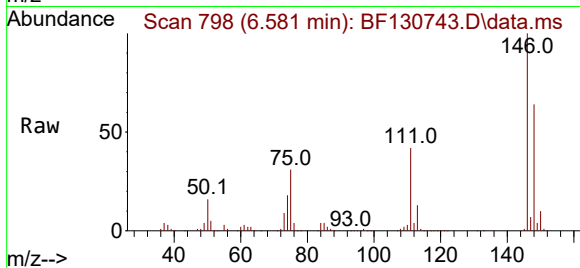
Tgt Ion:146 Resp: 307672

Ion Ratio Lower Upper

146 100

148 63.5 51.8 77.6

111 41.8 33.8 50.8



#14

1,2-Dichlorobenzene

Concen: 43.741 ng

RT: 6.733 min Scan# 824

Delta R.T. -0.000 min

Lab File: BF130743.D

Acq: 21 Oct 2022 14:07

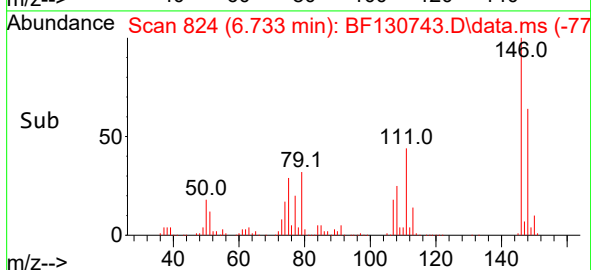
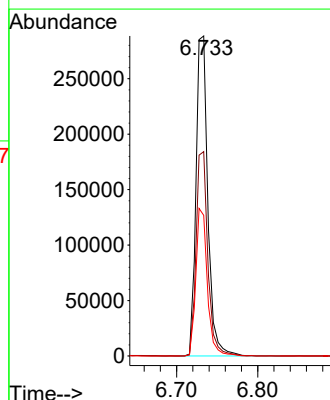
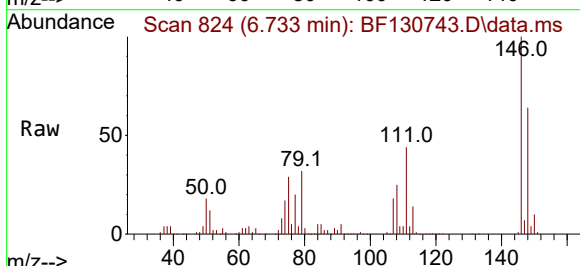
Tgt Ion:146 Resp: 294519

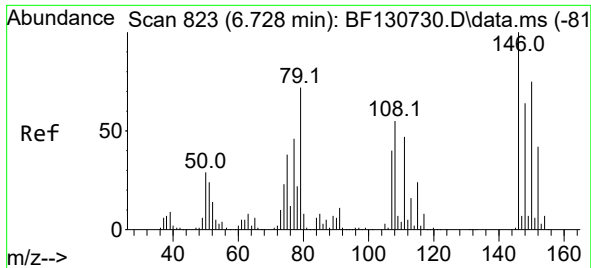
Ion Ratio Lower Upper

146 100

148 63.8 50.9 76.3

111 43.9 35.5 53.3

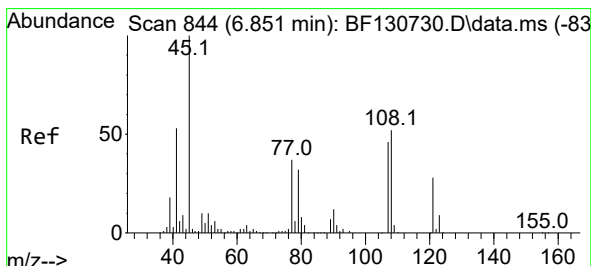
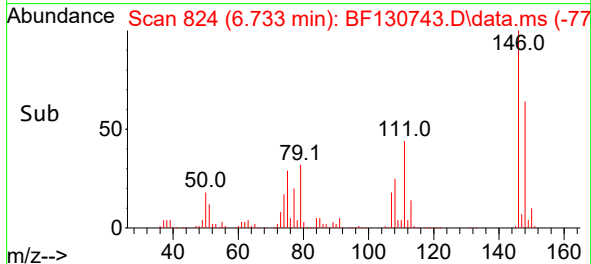
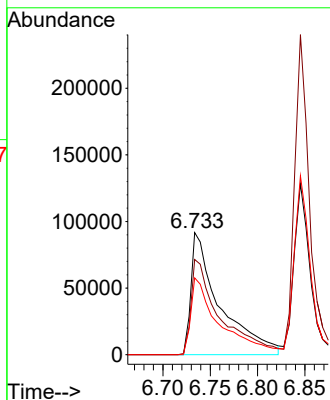
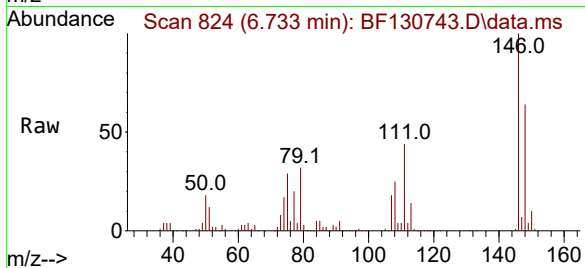




#15
Benzyl Alcohol
Concen: 39.811 ng
RT: 6.733 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

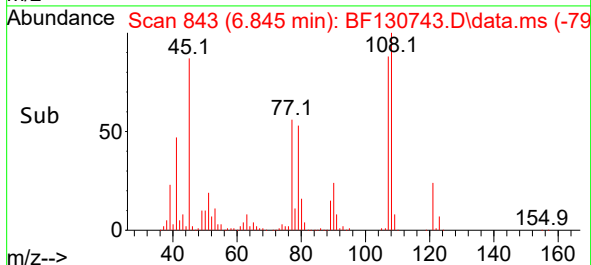
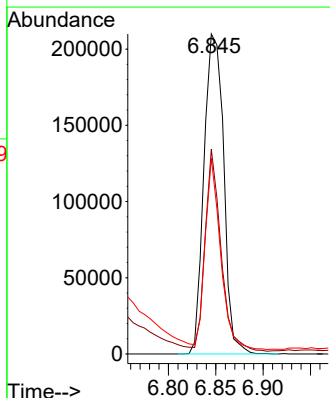
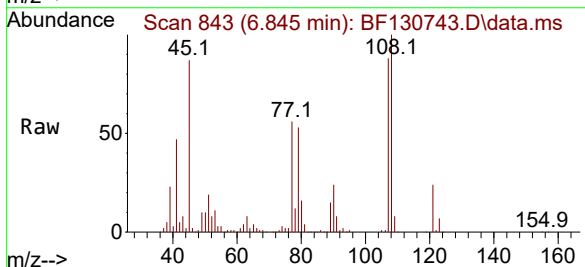
Instrument :
BNA_F
ClientSampleId :
PB148422BS

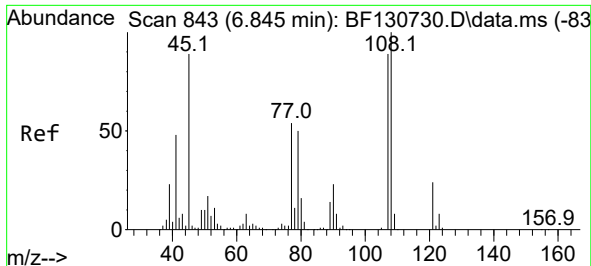
Tgt Ion: 79 Resp: 194759
Ion Ratio Lower Upper
79 100
108 78.0 61.4 92.2
77 62.9 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.171 ng
RT: 6.845 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

Tgt Ion: 45 Resp: 302423
Ion Ratio Lower Upper
45 100
77 64.0 17.7 57.7#
79 61.1 13.8 53.8#

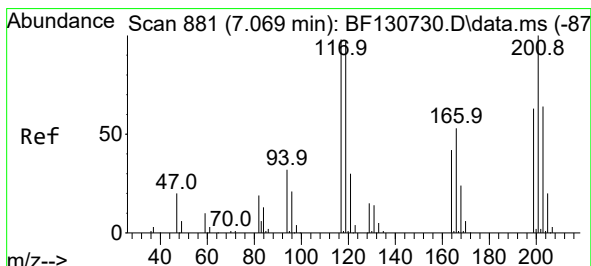
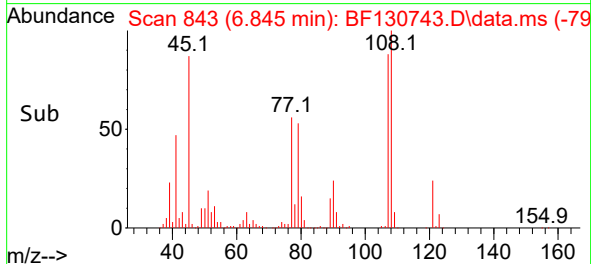
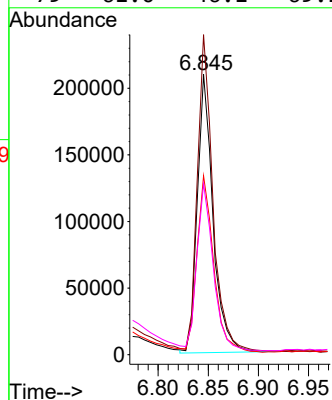
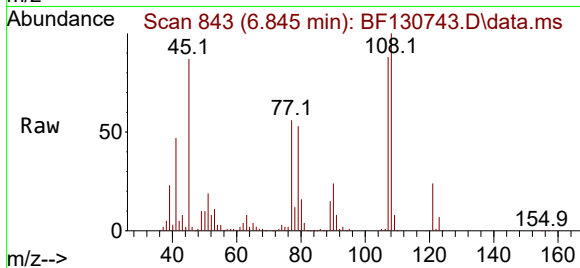




#17
2-Methylphenol
Concen: 43.445 ng
RT: 6.845 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

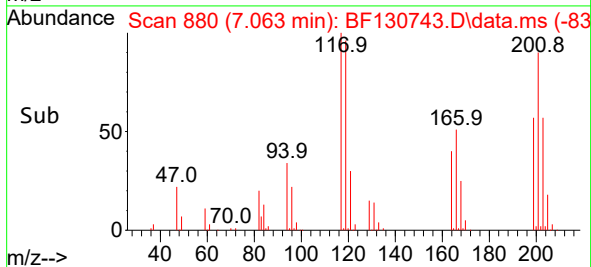
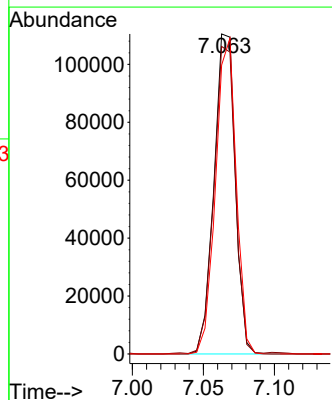
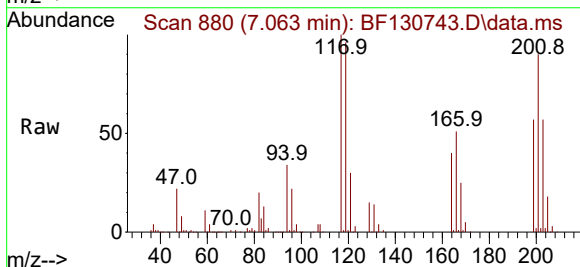
Instrument :
BNA_F
ClientSampleId :
PB148422BS

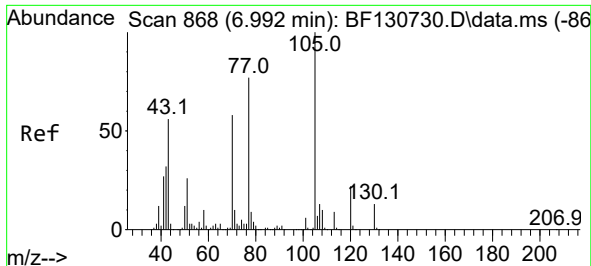
Tgt Ion:107 Resp: 227955
Ion Ratio Lower Upper
107 100
108 114.2 90.4 135.6
77 63.8 48.9 73.3
79 61.0 46.1 69.1



#18
Hexachloroethane
Concen: 43.452 ng
RT: 7.063 min Scan# 880
Delta R.T. -0.006 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

Tgt Ion:117 Resp: 115653
Ion Ratio Lower Upper
117 100
119 96.1 79.1 118.7
201 90.3 81.5 122.3





#19

n-Nitroso-di-n-propylamine

Concen: 43.190 ng

RT: 6.992 min Scan# 8

Delta R.T. -0.000 min

Lab File: BF130743.D

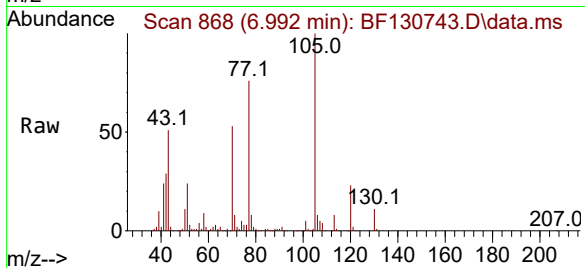
Acq: 21 Oct 2022 14:07

Instrument :

BNA_F

ClientSampleId :

PB148422BS



Tgt Ion: 70 Resp: 194639

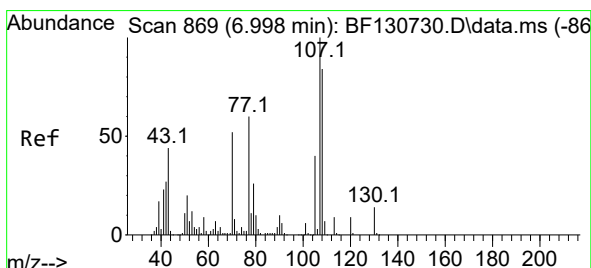
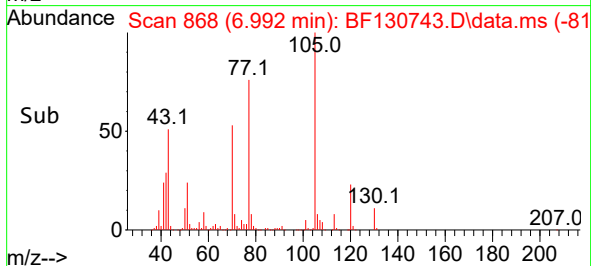
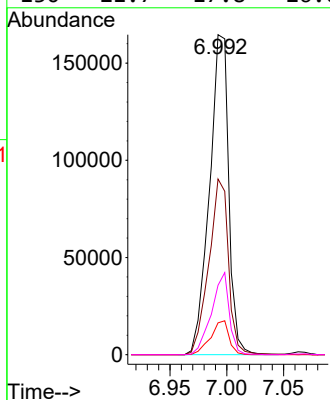
Ion Ratio Lower Upper

70 100

42 54.9 44.1 66.1

101 9.9 8.3 12.5

130 21.7 17.8 26.6



#20

3+4-Methylphenols

Concen: 43.521 ng

RT: 7.004 min Scan# 870

Delta R.T. 0.006 min

Lab File: BF130743.D

Acq: 21 Oct 2022 14:07

Tgt Ion: 107 Resp: 299302

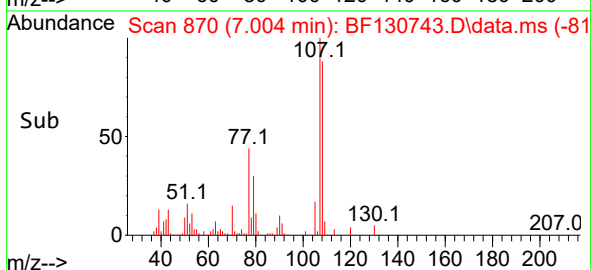
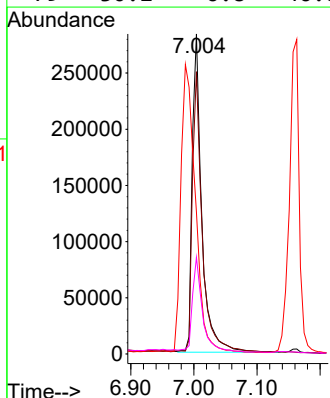
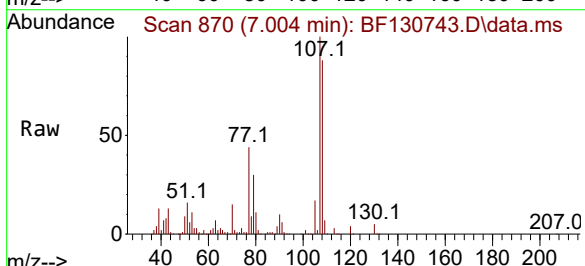
Ion Ratio Lower Upper

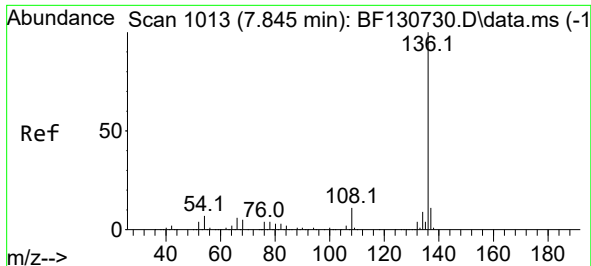
107 100

108 88.2 64.3 104.3

77 44.3 47.7 87.7

79 30.2 6.8 46.8

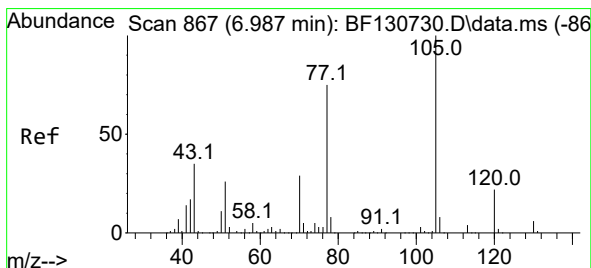
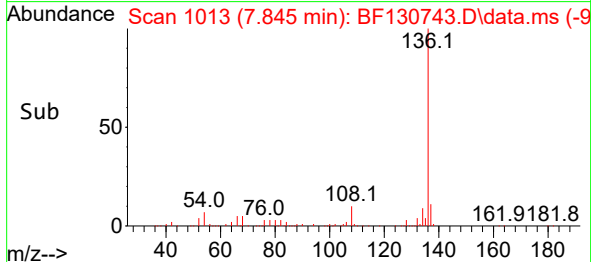
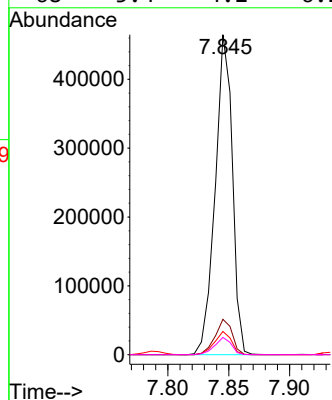
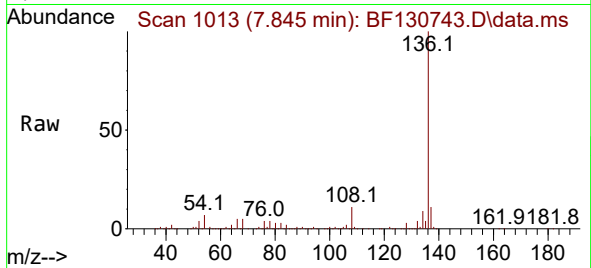




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.845 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

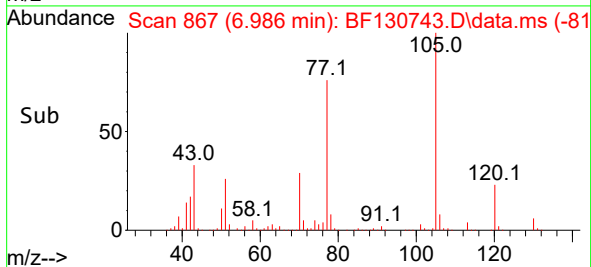
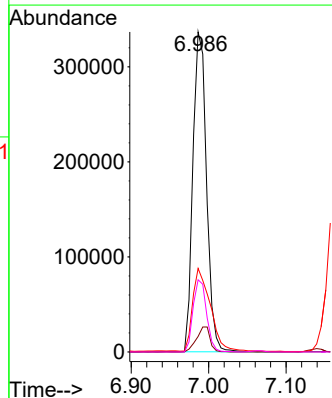
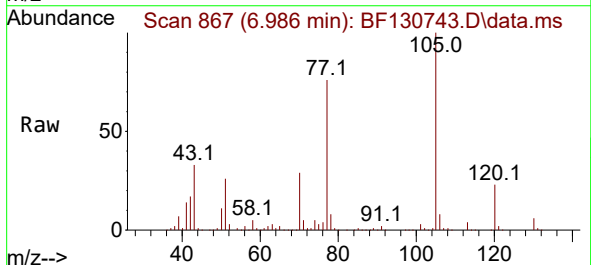
Instrument :
BNA_F
ClientSampleId :
PB148422BS

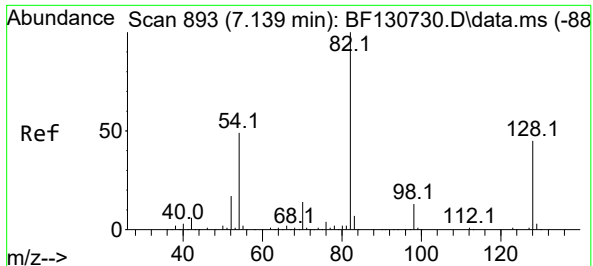
Tgt Ion:136 Resp: 457801
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 7.2 5.8 8.8
68 5.4 4.2 6.2



#22
Acetophenone
Concen: 36.751 ng
RT: 6.986 min Scan# 867
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

Tgt Ion:105 Resp: 410418
Ion Ratio Lower Upper
105 100
71 4.9 3.9 5.9
51 26.1 21.0 31.4
120 22.6 17.6 26.4





#23

Nitrobenzene-d5

Concen: 66.987 ng

RT: 7.139 min Scan# 893

Delta R.T. 0.000 min

Lab File: BF130743.D

Acq: 21 Oct 2022 14:07

Instrument :

BNA_F

ClientSampleId :

PB148422BS

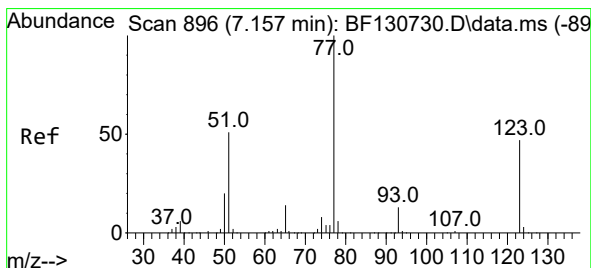
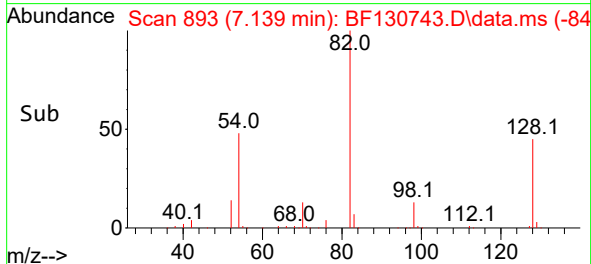
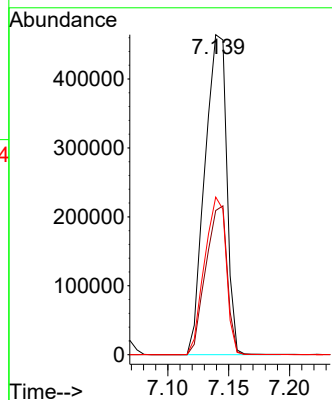
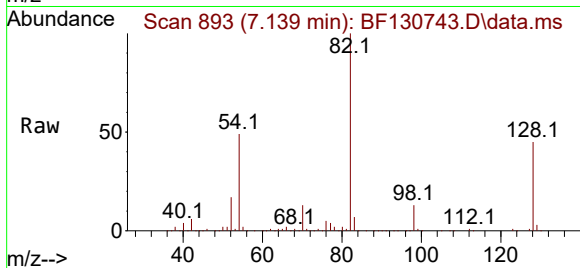
Tgt Ion: 82 Resp: 578098

Ion Ratio Lower Upper

82 100

128 45.1 35.9 53.9

54 49.2 39.2 58.8



#24

Nitrobenzene

Concen: 34.518 ng

RT: 7.163 min Scan# 897

Delta R.T. 0.006 min

Lab File: BF130743.D

Acq: 21 Oct 2022 14:07

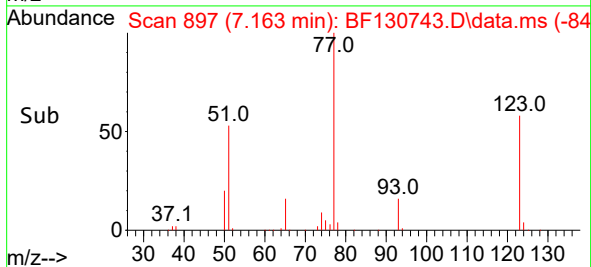
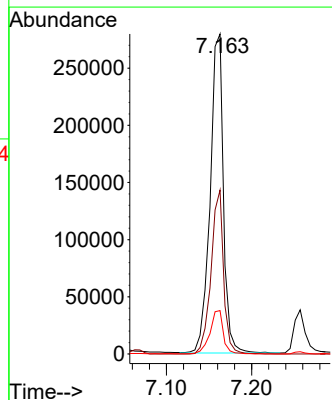
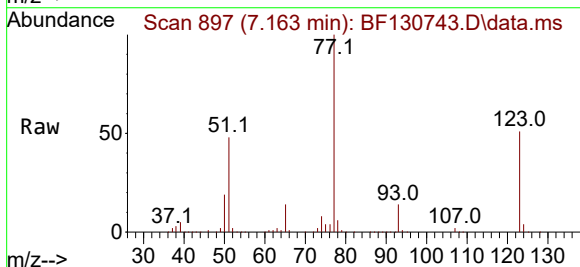
Tgt Ion: 77 Resp: 303034

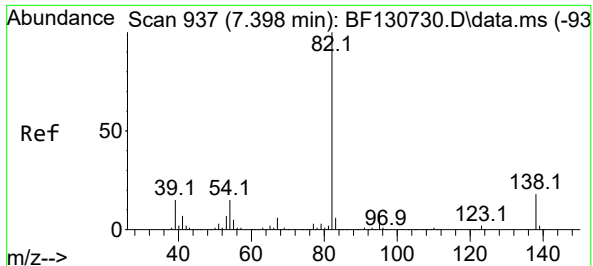
Ion Ratio Lower Upper

77 100

123 51.2 37.3 55.9

65 13.6 11.1 16.7

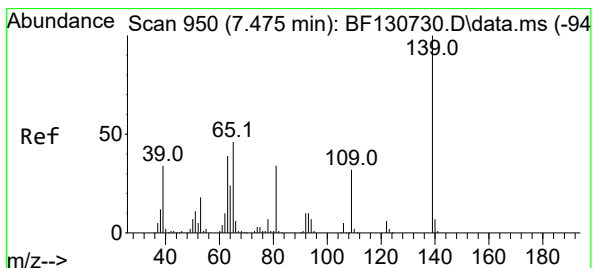
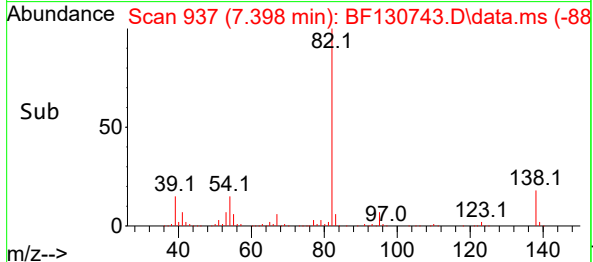
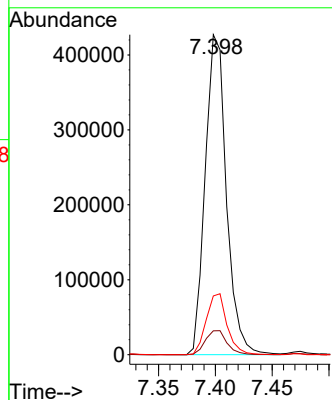
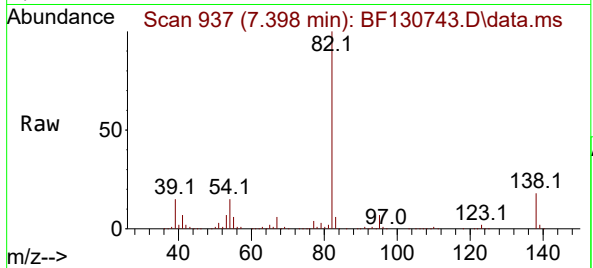




#25
Isophorone
Concen: 39.043 ng
RT: 7.398 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

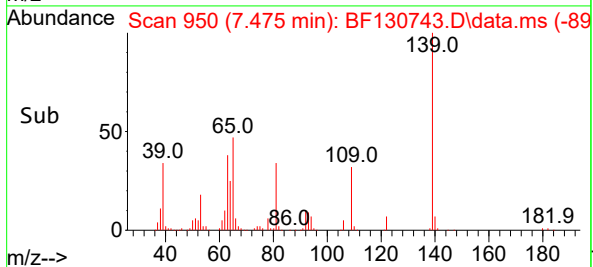
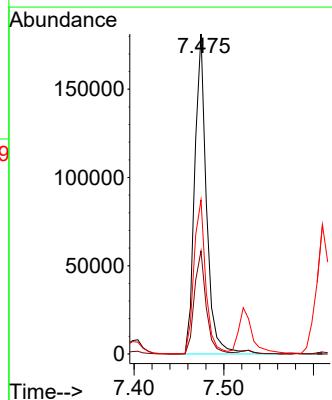
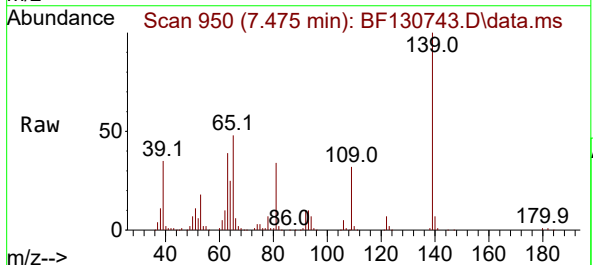
Instrument :
BNA_F
ClientSampleId :
PB148422BS

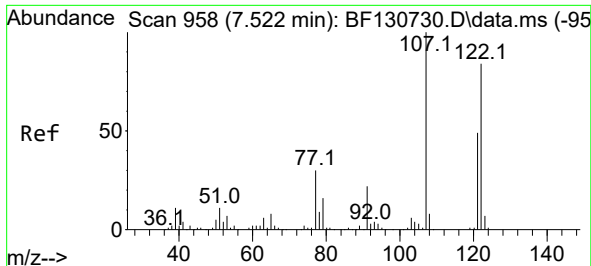
Tgt Ion: 82 Resp: 555150
Ion Ratio Lower Upper
82 100
95 7.5 6.3 9.5
138 18.3 14.6 21.8



#26
2-Nitrophenol
Concen: 37.676 ng
RT: 7.475 min Scan# 950
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

Tgt Ion:139 Resp: 165832
Ion Ratio Lower Upper
139 100
109 32.2 25.4 38.2
65 48.2 36.6 54.8

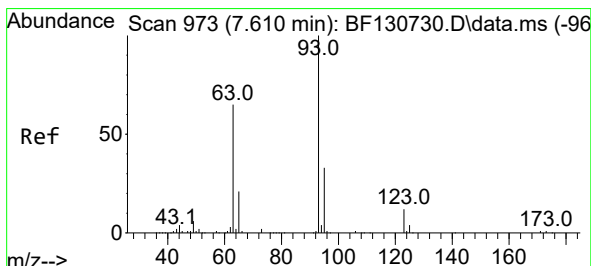
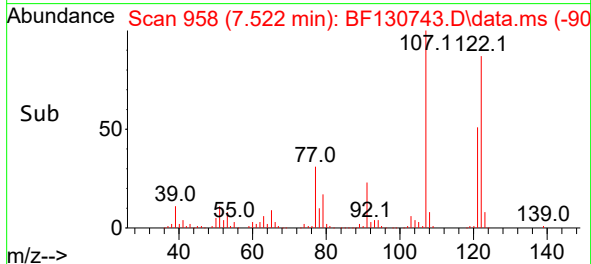
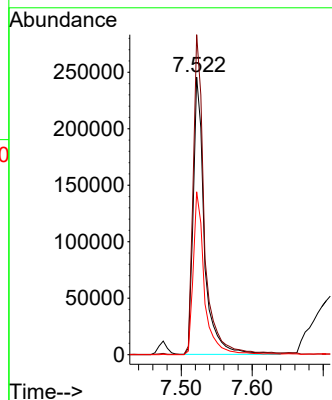
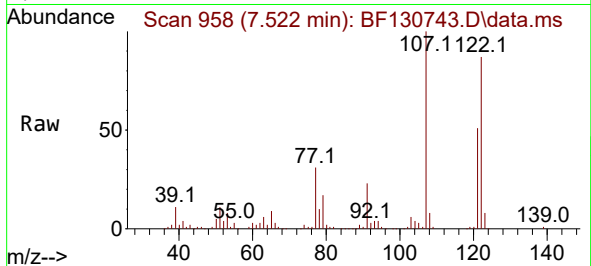




#27
2,4-Dimethylphenol
Concen: 45.268 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

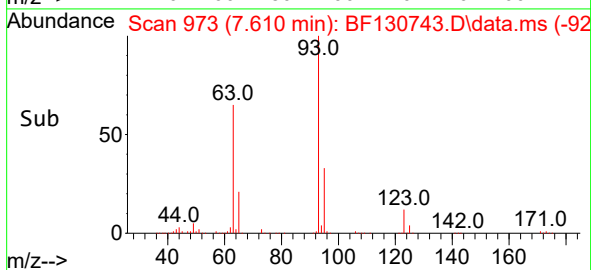
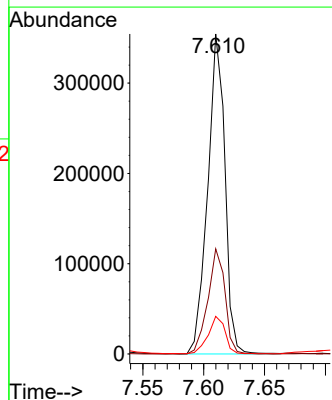
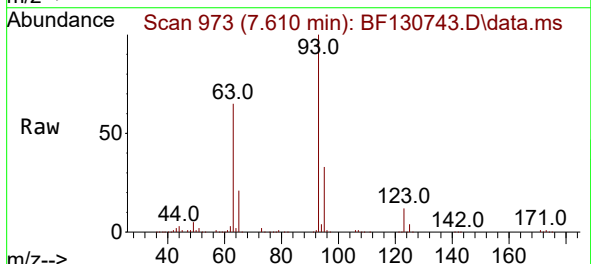
Instrument :
BNA_F
ClientSampleId :
PB148422BS

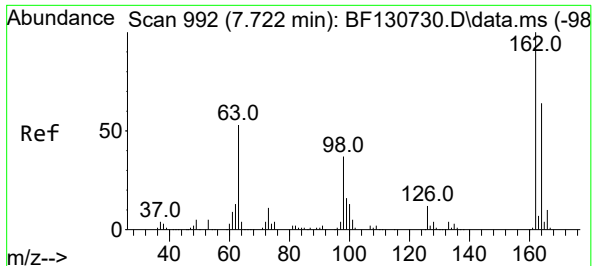
Tgt Ion:122 Resp: 269581
Ion Ratio Lower Upper
122 100
107 115.3 95.4 143.0
121 58.7 47.1 70.7



#28
bis(2-Chloroethoxy)methane
Concen: 42.388 ng
RT: 7.610 min Scan# 973
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

Tgt Ion: 93 Resp: 349122
Ion Ratio Lower Upper
93 100
95 32.8 26.4 39.6
123 11.8 9.3 13.9





#29

2,4-Dichlorophenol

Concen: 44.550 ng

RT: 7.722 min Scan# 992

Delta R.T. -0.000 min

Lab File: BF130743.D

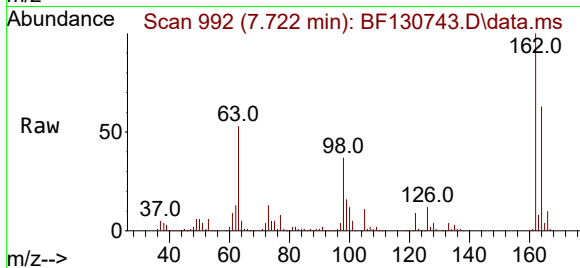
Acq: 21 Oct 2022 14:07

Instrument :

BNA_F

ClientSampleId :

PB148422BS



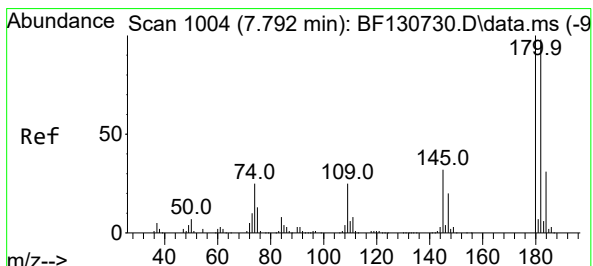
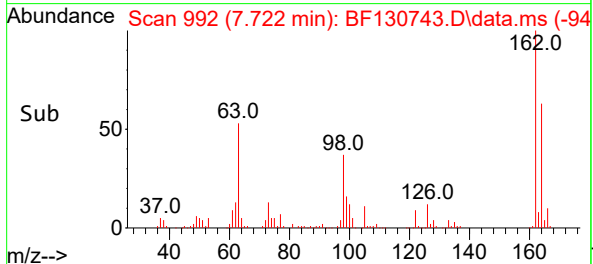
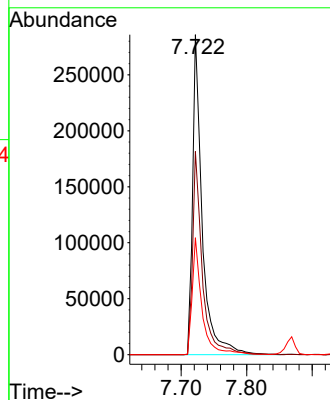
Tgt Ion:162 Resp: 292544

Ion Ratio Lower Upper

162 100

164 63.5 44.1 84.1

98 36.5 16.7 56.7



#30

1,2,4-Trichlorobenzene

Concen: 42.427 ng

RT: 7.792 min Scan# 1004

Delta R.T. -0.000 min

Lab File: BF130743.D

Acq: 21 Oct 2022 14:07

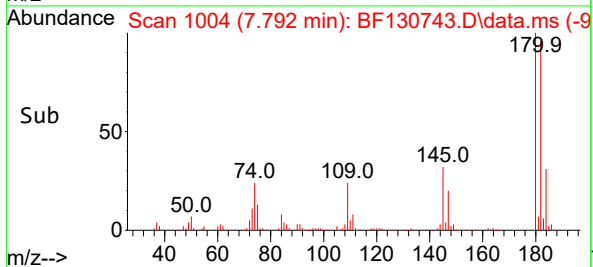
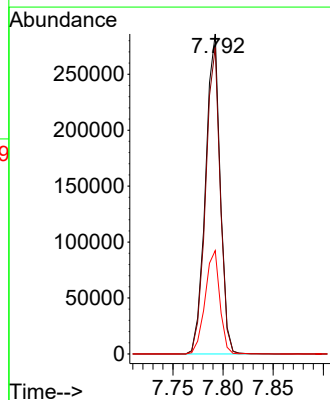
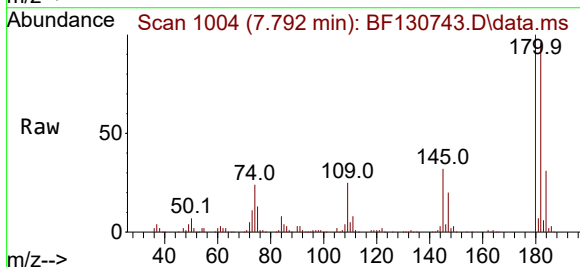
Tgt Ion:180 Resp: 292575

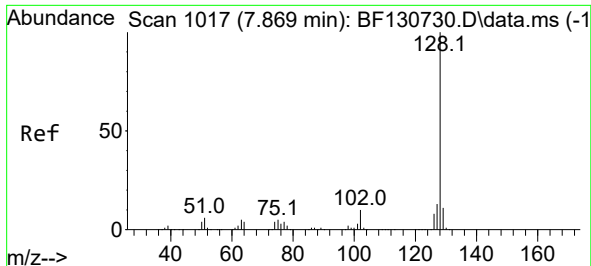
Ion Ratio Lower Upper

180 100

182 95.7 78.2 117.2

145 32.3 25.9 38.9

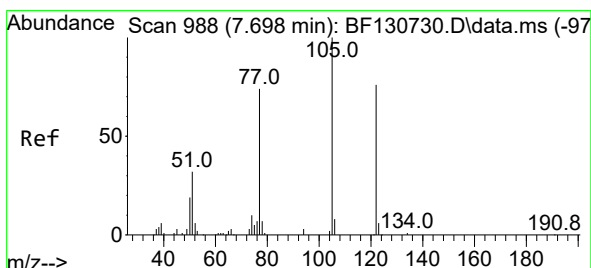
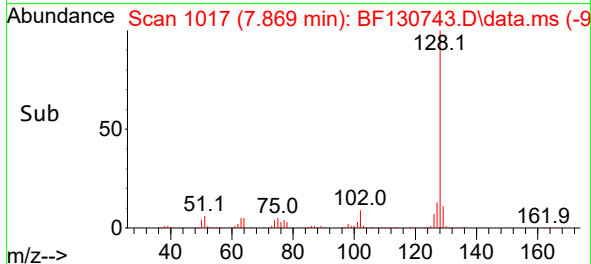
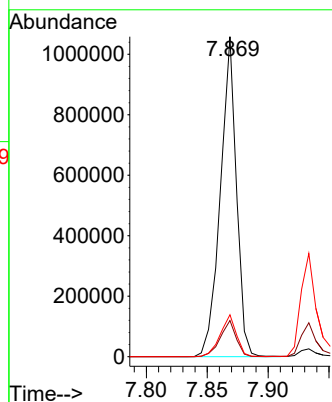
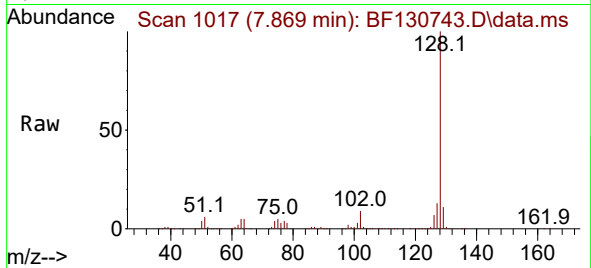




#31
Naphthalene
Concen: 41.300 ng
RT: 7.869 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

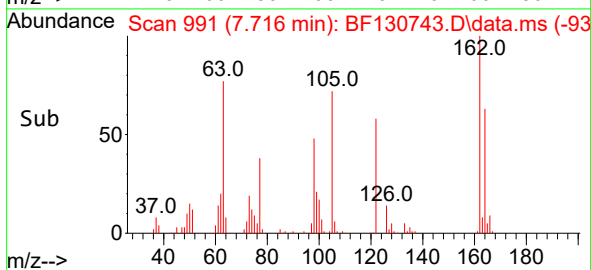
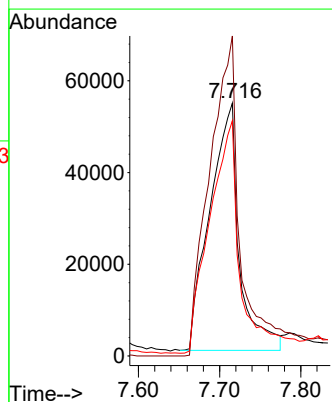
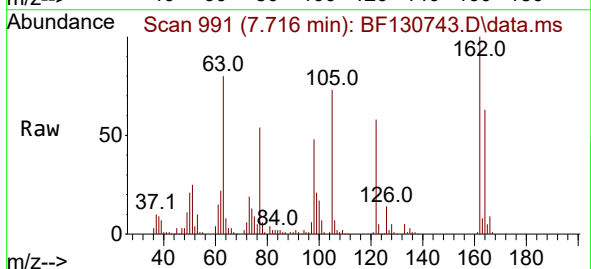
Instrument :
BNA_F
ClientSampleId :
PB148422BS

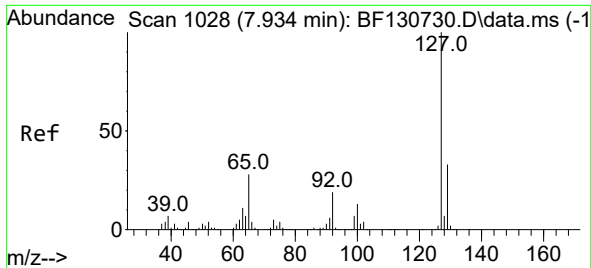
Tgt Ion:128 Resp: 974888
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.1 10.6 16.0



#32
Benzoic acid
Concen: 40.699 ng
RT: 7.716 min Scan# 991
Delta R.T. 0.018 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

Tgt Ion:122 Resp: 136701
Ion Ratio Lower Upper
122 100
105 126.6 109.2 149.2
77 93.0 75.7 115.7

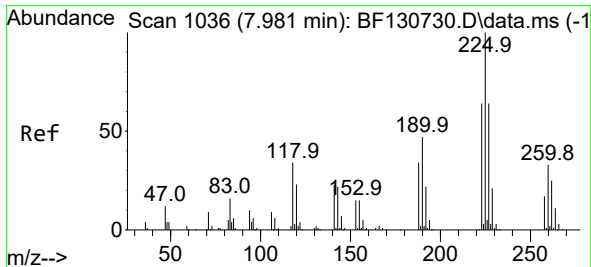
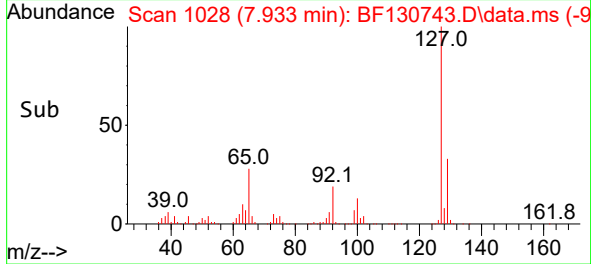
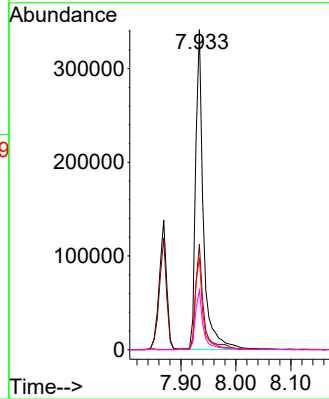
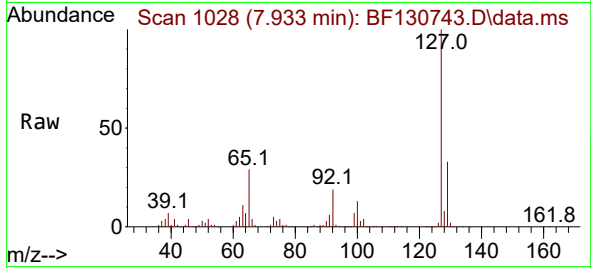




#33
4-Chloroaniline
Concen: 37.109 ng
RT: 7.933 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

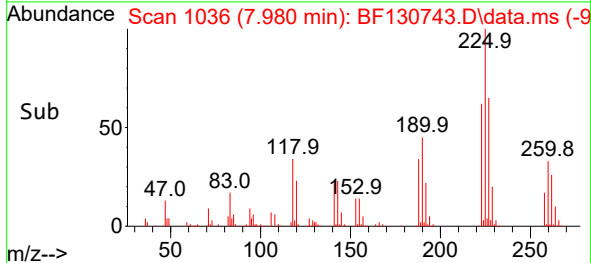
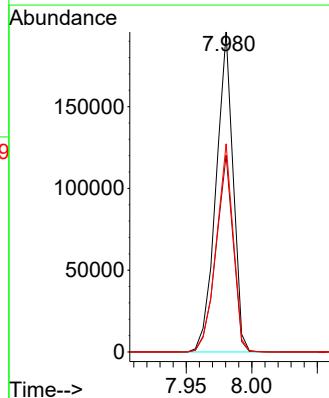
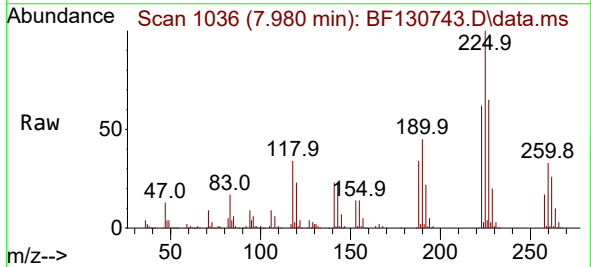
Instrument :
BNA_F
ClientSampleId :
PB148422BS

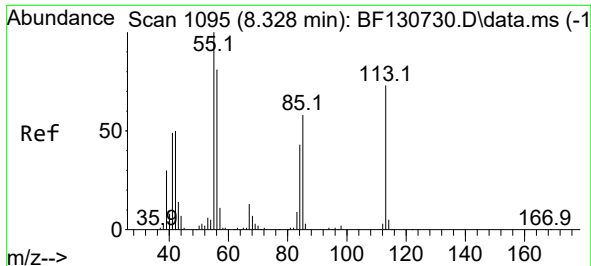
Tgt Ion:	127	Resp:	336993
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.2	39.4
65	28.7	22.6	33.8
92	18.5	15.0	22.4



#34
Hexachlorobutadiene
Concen: 40.387 ng
RT: 7.980 min Scan# 1036
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

Tgt Ion:	225	Resp:	177071
Ion	Ratio	Lower	Upper
225	100		
223	61.5	51.0	76.6
227	65.1	51.3	76.9

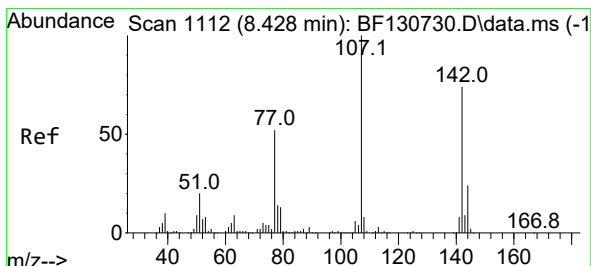
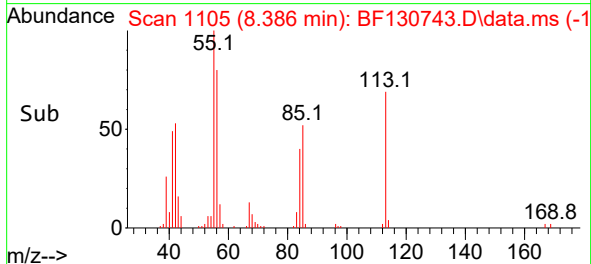
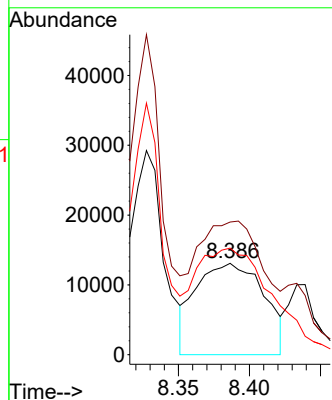
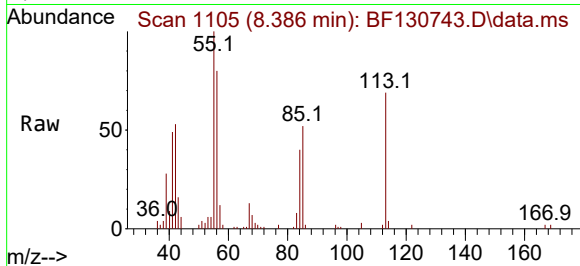




#35
 Caprolactam
 Concen: 21.193 ng
 RT: 8.386 min Scan# 1105
 Delta R.T. 0.059 min
 Lab File: BF130743.D
 Acq: 21 Oct 2022 14:07

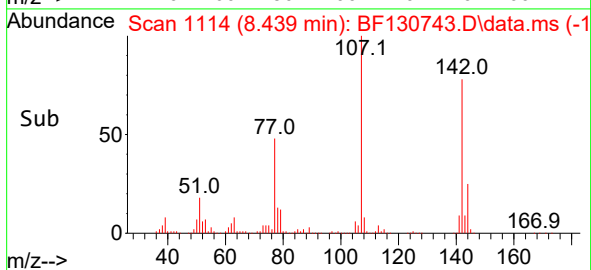
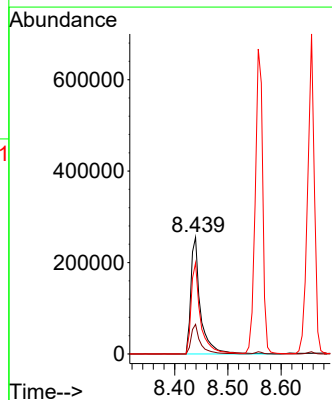
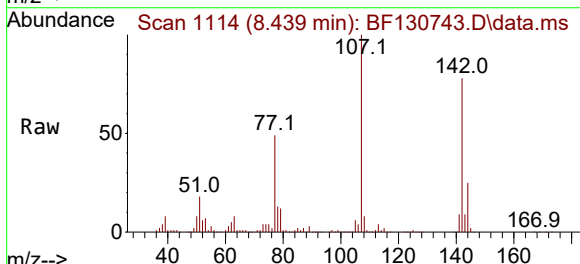
Instrument :
 BNA_F
 ClientSampleId :
 PB148422BS

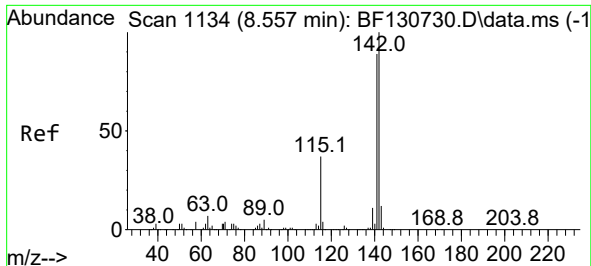
Tgt Ion:113 Resp: 43494
 Ion Ratio Lower Upper
 113 100
 55 145.1 116.4 156.4
 56 116.6 91.0 131.0



#36
 4-Chloro-3-methylphenol
 Concen: 45.134 ng
 RT: 8.439 min Scan# 1114
 Delta R.T. 0.012 min
 Lab File: BF130743.D
 Acq: 21 Oct 2022 14:07

Tgt Ion:107 Resp: 320326
 Ion Ratio Lower Upper
 107 100
 144 25.3 19.0 28.4
 142 78.0 59.6 89.4

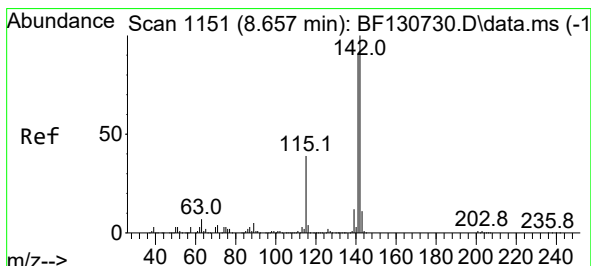
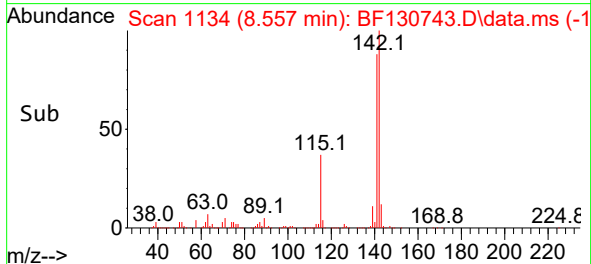
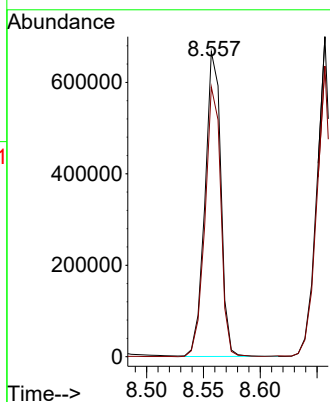
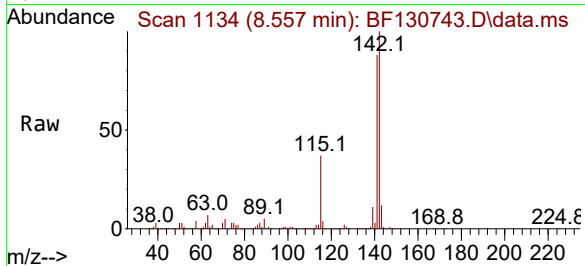




#37
2-Methylnaphthalene
Concen: 41.874 ng
RT: 8.557 min Scan# 1134
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

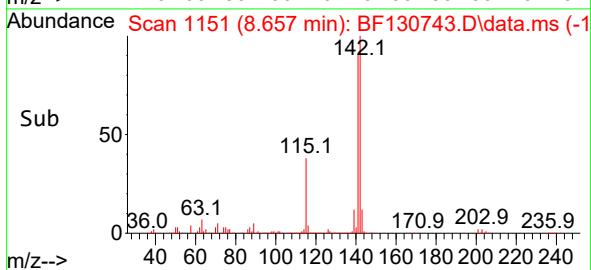
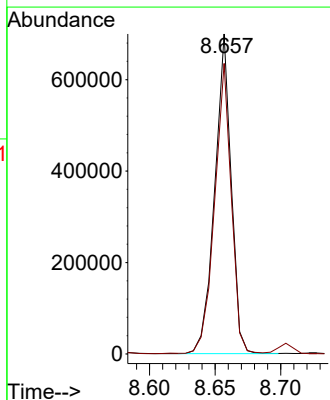
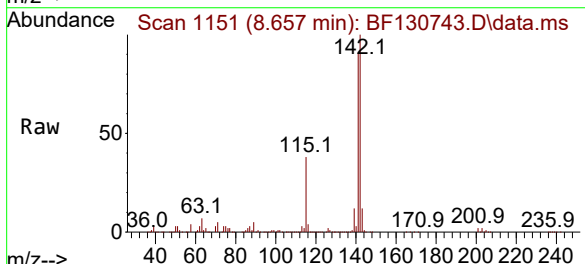
Instrument :
BNA_F
ClientSampleId :
PB148422BS

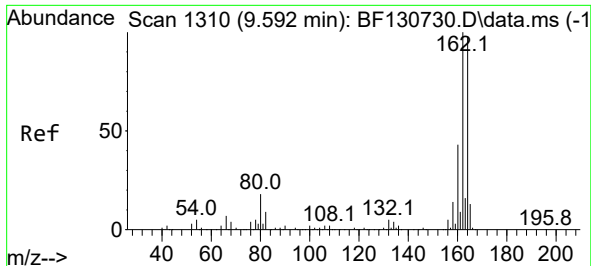
Tgt Ion:142 Resp: 647619
Ion Ratio Lower Upper
142 100
141 88.5 71.0 106.4



#38
1-Methylnaphthalene
Concen: 39.741 ng
RT: 8.657 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

Tgt Ion:142 Resp: 609377
Ion Ratio Lower Upper
142 100
141 90.8 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.598 min Scan# 1163

Delta R.T. 0.006 min

Lab File: BF130743.D

Acq: 21 Oct 2022 14:07

Instrument :

BNA_F

ClientSampleId :

PB148422BS

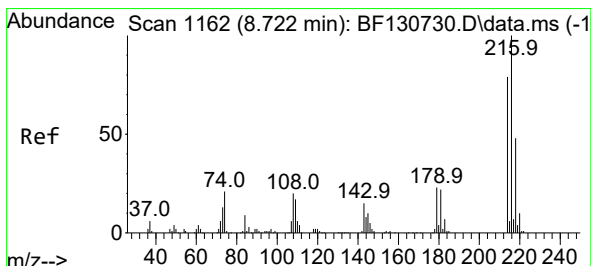
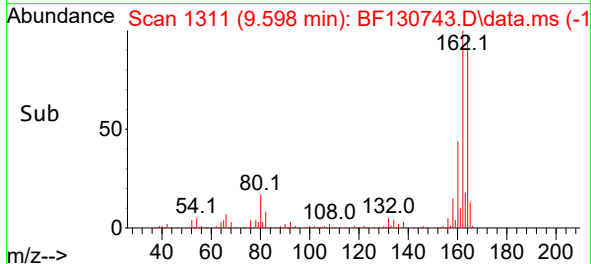
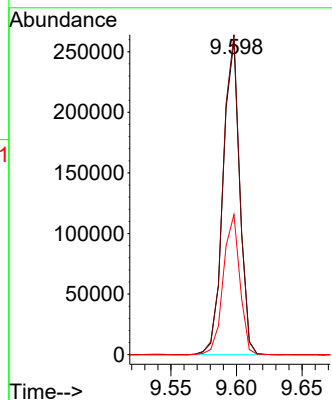
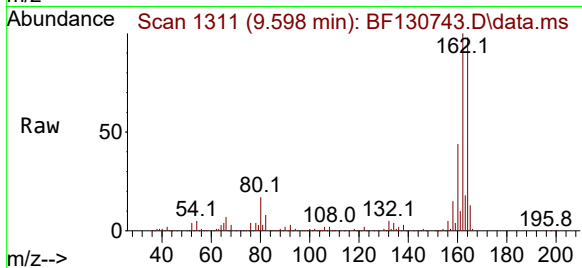
Tgt Ion:164 Resp: 227432

Ion Ratio Lower Upper

164 100

162 101.9 81.4 122.0

160 44.6 35.0 52.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.245 ng

RT: 8.727 min Scan# 1163

Delta R.T. 0.006 min

Lab File: BF130743.D

Acq: 21 Oct 2022 14:07

Tgt Ion:216 Resp: 273057

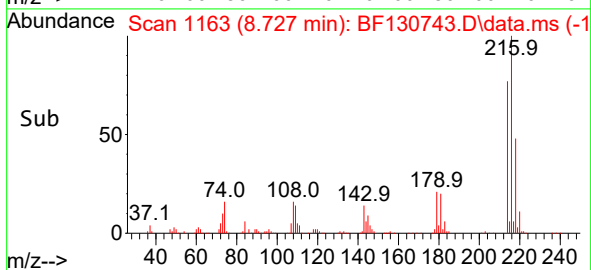
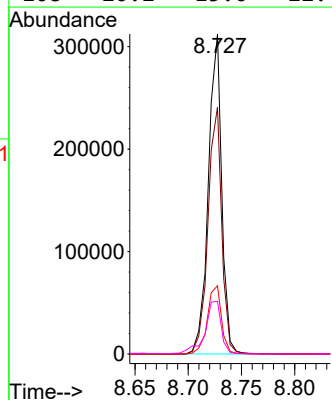
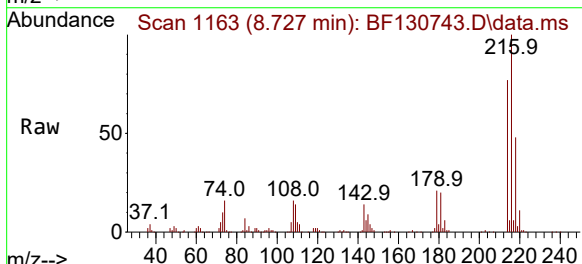
Ion Ratio Lower Upper

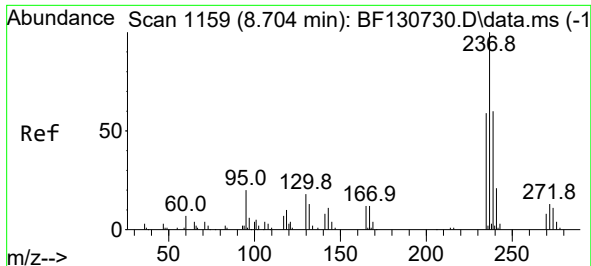
216 100

214 79.3 63.0 94.4

179 22.4 18.1 27.1

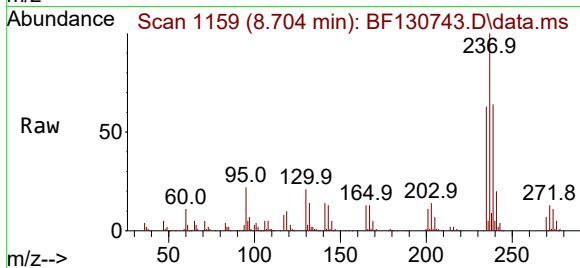
108 20.2 15.0 22.4



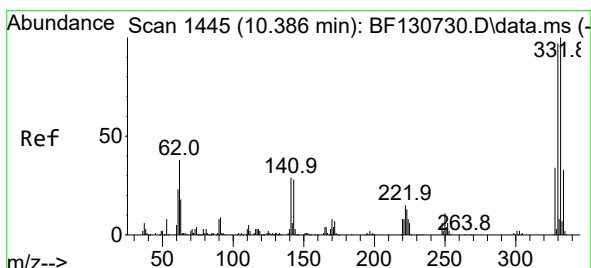
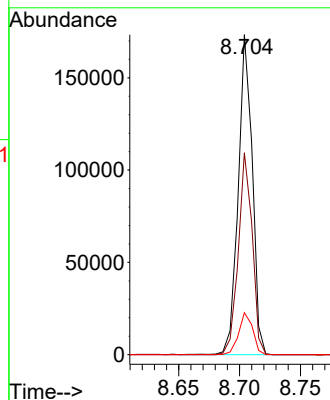
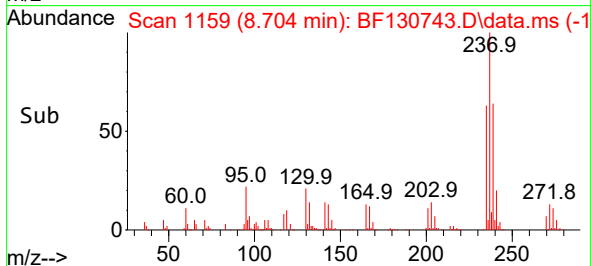


#41
Hexachlorocyclopentadiene
Concen: 106.335 ng
RT: 8.704 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

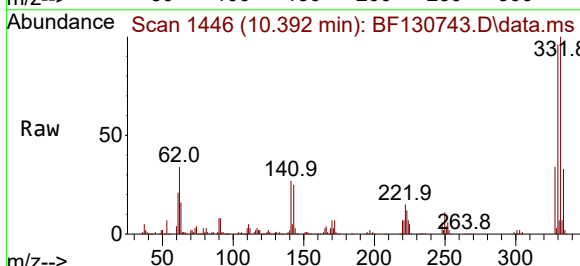
Instrument :
BNA_F
ClientSampleId :
PB148422BS



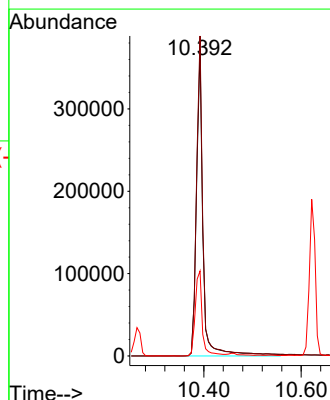
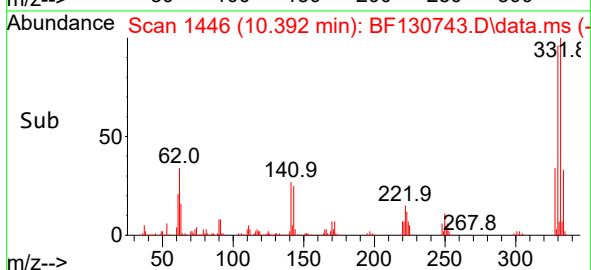
Tgt Ion:237 Resp: 139166
Ion Ratio Lower Upper
237 100
235 63.1 38.9 78.9
272 13.1 0.0 33.1

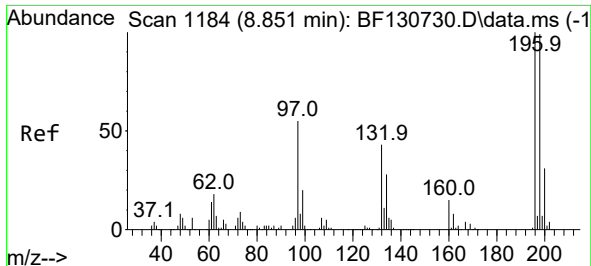


#42
2,4,6-Tribromophenol
Concen: 161.776 ng
RT: 10.392 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07



Tgt Ion:330 Resp: 349901
Ion Ratio Lower Upper
330 100
332 102.7 81.4 122.2
141 29.9 24.6 37.0





#43

2,4,6-Trichlorophenol

Concen: 47.335 ng

RT: 8.851 min Scan# 1184

Delta R.T. -0.000 min

Lab File: BF130743.D

Acq: 21 Oct 2022 14:07

Instrument :

BNA_F

ClientSampleId :

PB148422BS

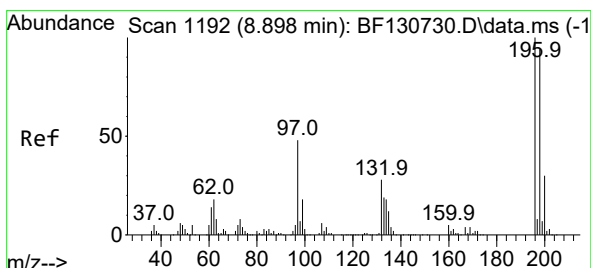
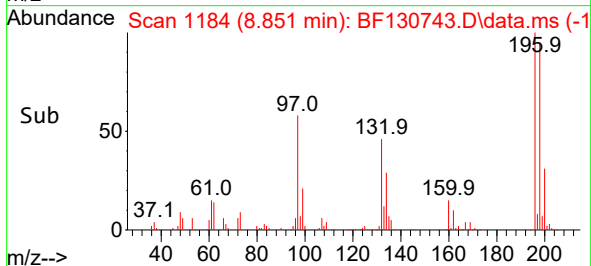
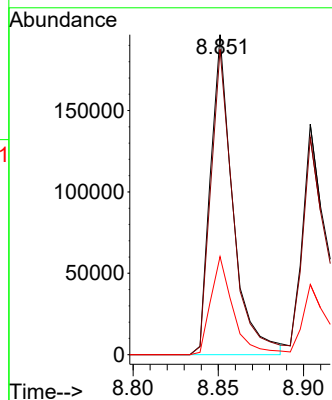
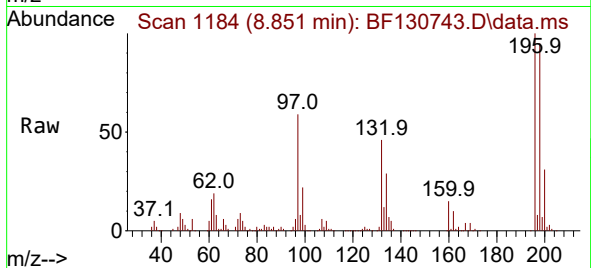
Tgt Ion:196 Resp: 179791

Ion Ratio Lower Upper

196 100

198 95.4 78.9 118.3

200 30.6 25.0 37.4



#44

2,4,5-Trichlorophenol

Concen: 48.211 ng

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: BF130743.D

Acq: 21 Oct 2022 14:07

Tgt Ion:196 Resp: 199151

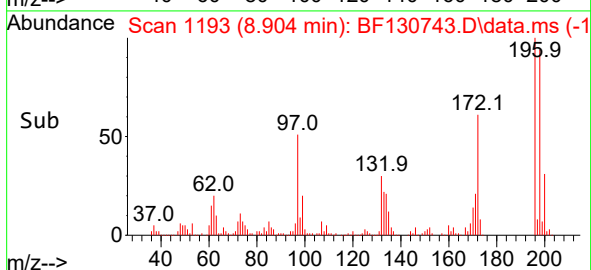
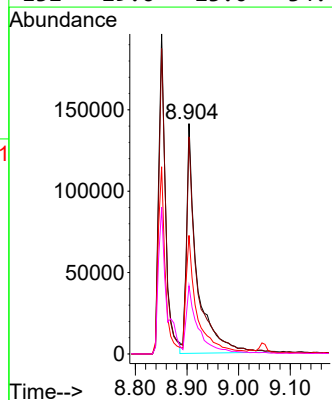
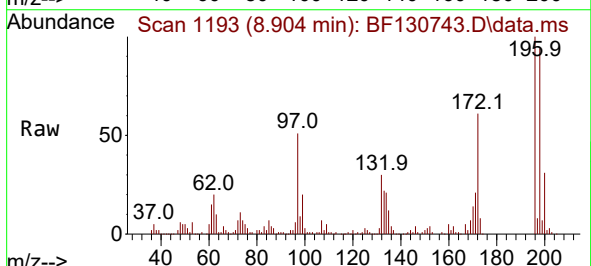
Ion Ratio Lower Upper

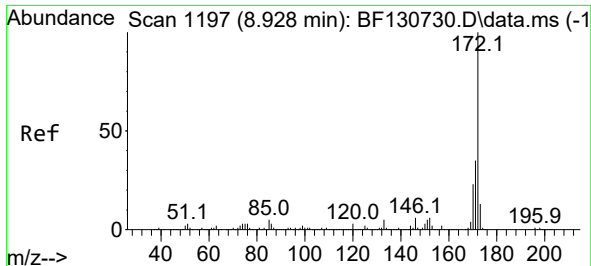
196 100

198 94.3 75.1 112.7

97 51.5 38.7 58.1

132 29.6 23.0 34.4





#45

2-Fluorobiphenyl

Concen: 83.421 ng

RT: 8.927 min Scan# 1197

Delta R.T. -0.001 min

Lab File: BF130743.D

Acq: 21 Oct 2022 14:07

Instrument :

BNA_F

ClientSampleId :

PB148422BS

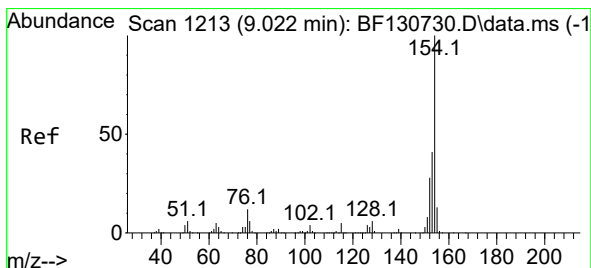
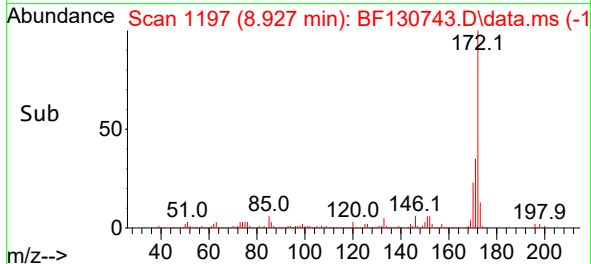
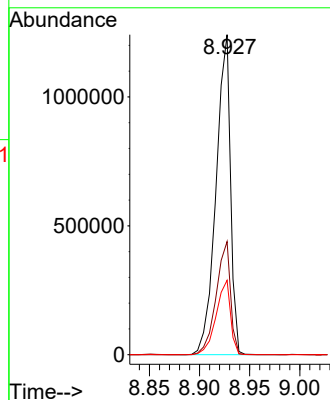
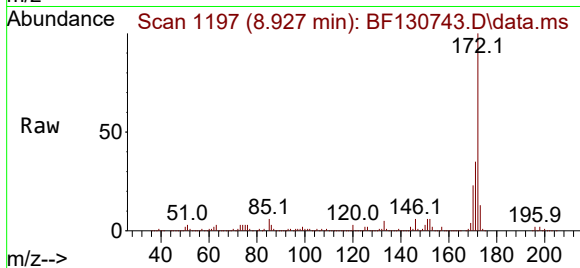
Tgt Ion:172 Resp: 1244974

Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

170 23.3 18.5 27.7



#46

1,1'-Biphenyl

Concen: 51.095 ng

RT: 9.027 min Scan# 1214

Delta R.T. 0.005 min

Lab File: BF130743.D

Acq: 21 Oct 2022 14:07

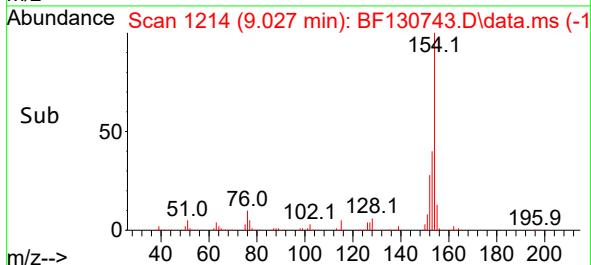
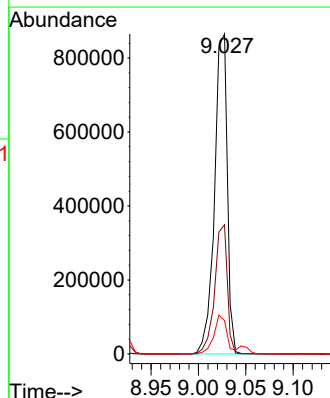
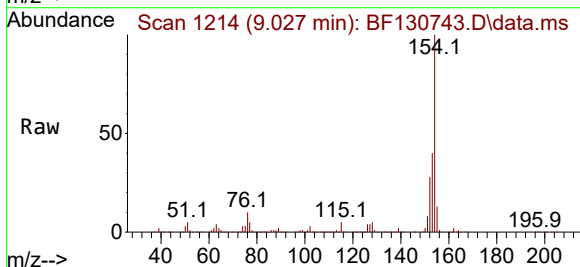
Tgt Ion:154 Resp: 810531

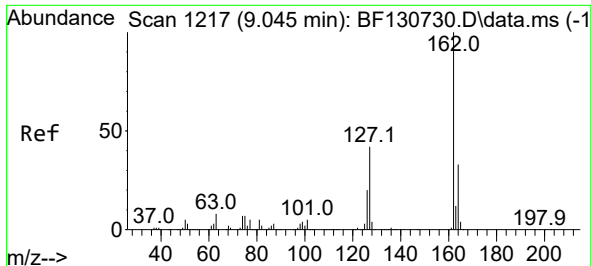
Ion Ratio Lower Upper

154 100

153 40.3 20.7 60.7

76 10.4 0.0 31.7

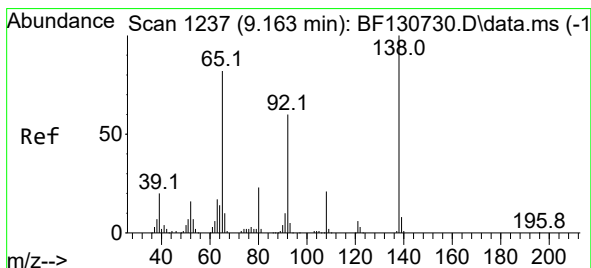
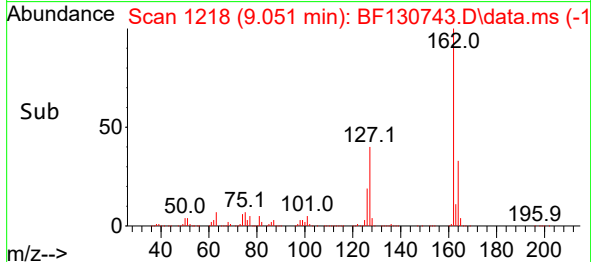
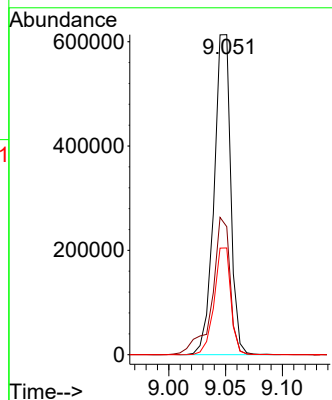
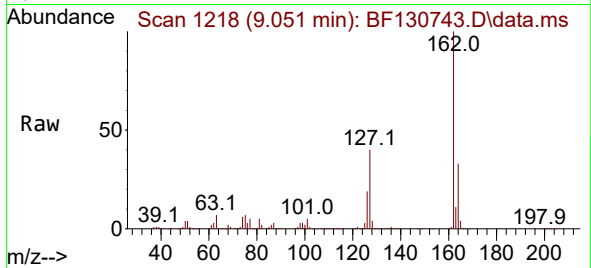




#47
2-Chloronaphthalene
Concen: 47.549 ng
RT: 9.051 min Scan# 1218
Delta R.T. 0.006 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

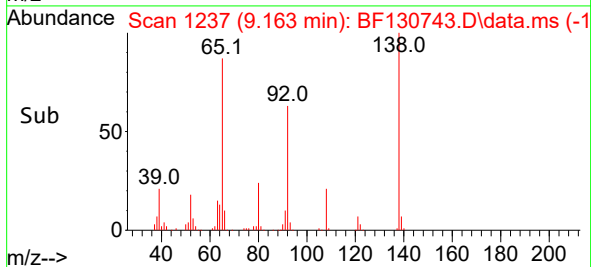
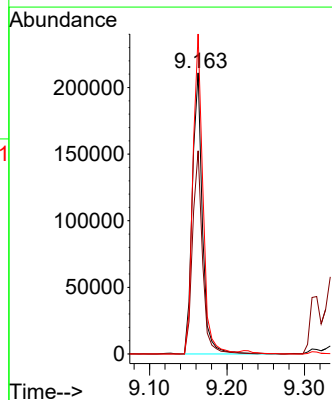
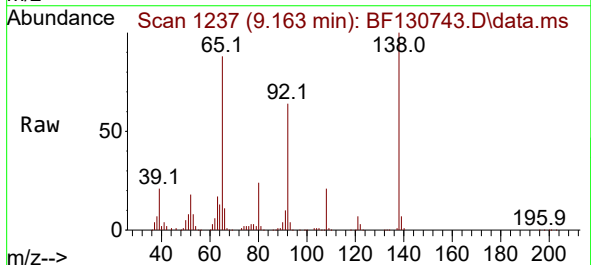
Instrument :
BNA_F
ClientSampleId :
PB148422BS

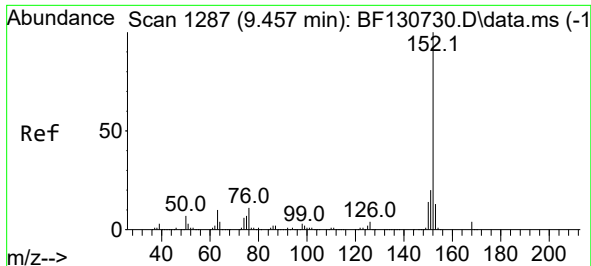
Tgt Ion:162 Resp: 627266
Ion Ratio Lower Upper
162 100
127 40.0 34.0 51.0
164 33.3 26.5 39.7



#48
2-Nitroaniline
Concen: 47.281 ng
RT: 9.163 min Scan# 1237
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

Tgt Ion: 65 Resp: 191444
Ion Ratio Lower Upper
65 100
92 72.3 58.6 88.0
138 113.8 97.0 145.6





#49

Acenaphthylene

Concen: 49.098 ng

RT: 9.457 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF130743.D

Acq: 21 Oct 2022 14:07

Instrument :

BNA_F

ClientSampleId :

PB148422BS

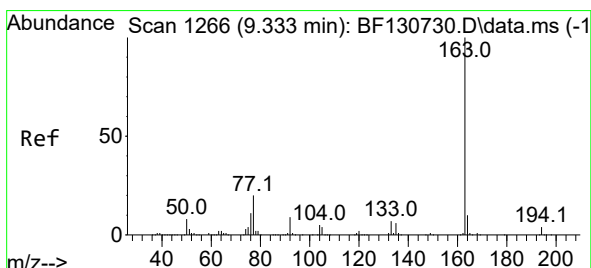
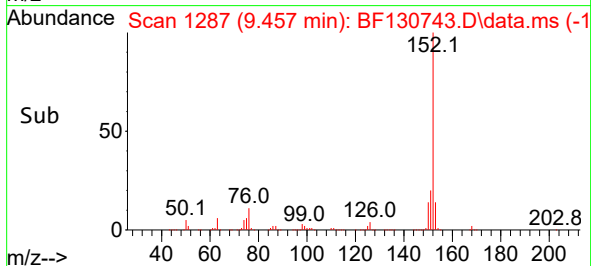
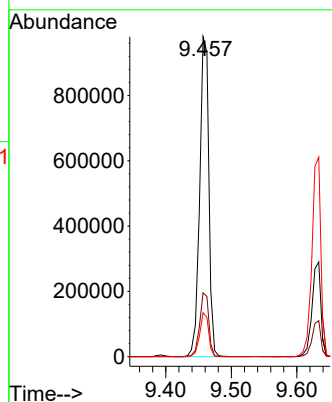
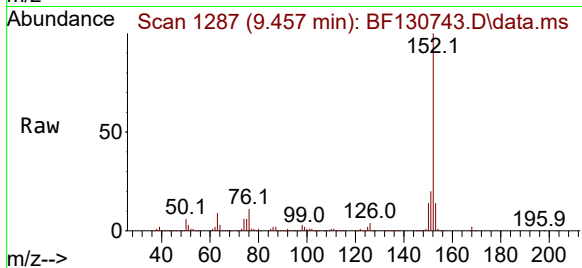
Tgt Ion:152 Resp: 954339

Ion Ratio Lower Upper

152 100

151 19.9 16.0 24.0

153 13.7 10.5 15.7



#50

Dimethylphthalate

Concen: 49.246 ng

RT: 9.339 min Scan# 1267

Delta R.T. 0.006 min

Lab File: BF130743.D

Acq: 21 Oct 2022 14:07

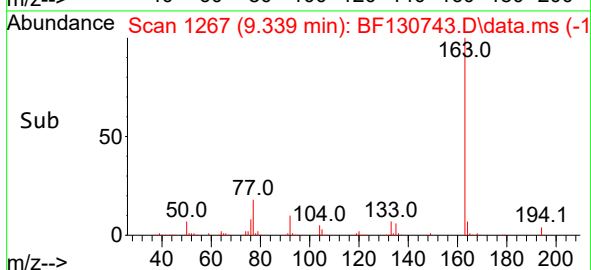
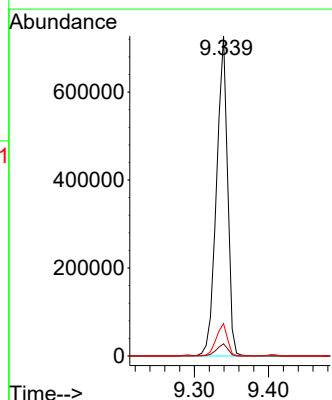
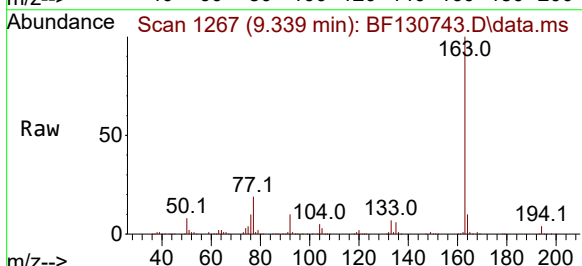
Tgt Ion:163 Resp: 753366

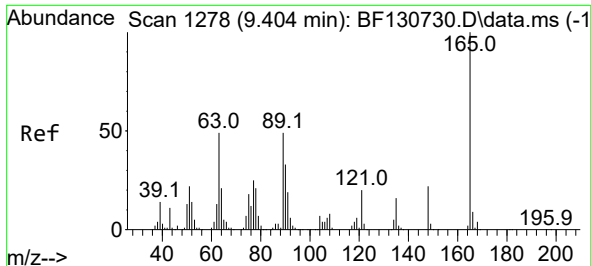
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.1 8.1 12.1

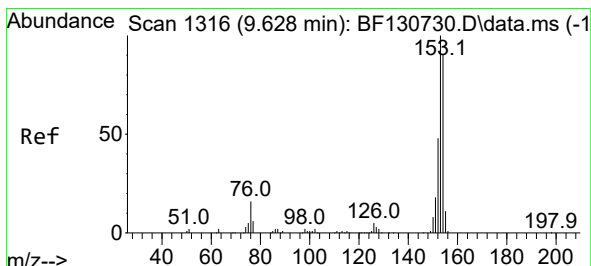
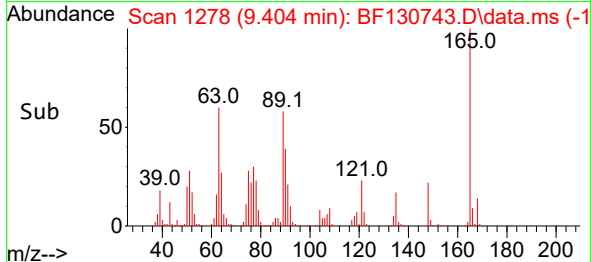
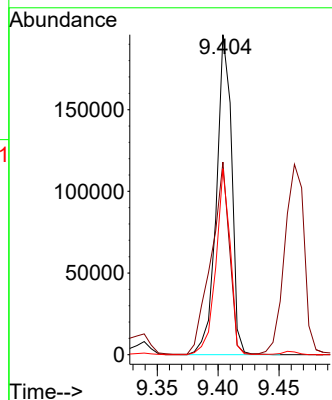
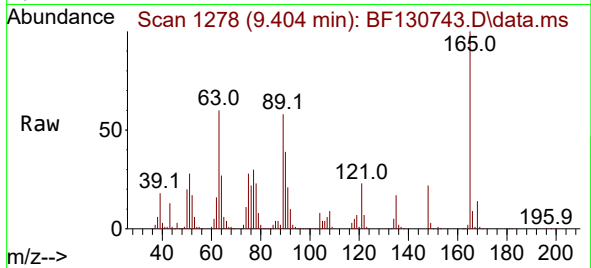




#51
2,6-Dinitrotoluene
Concen: 49.706 ng
RT: 9.404 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

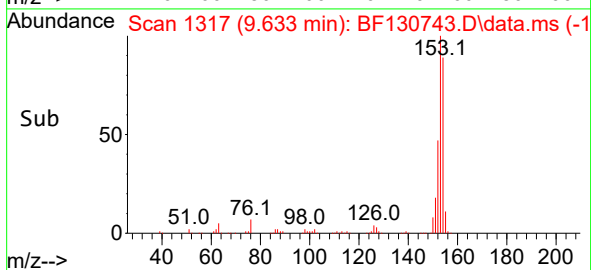
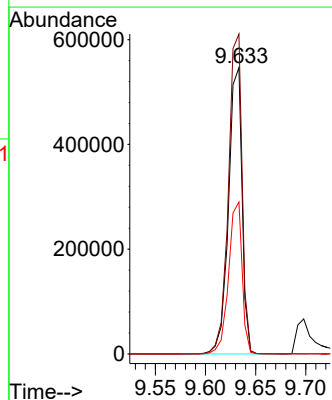
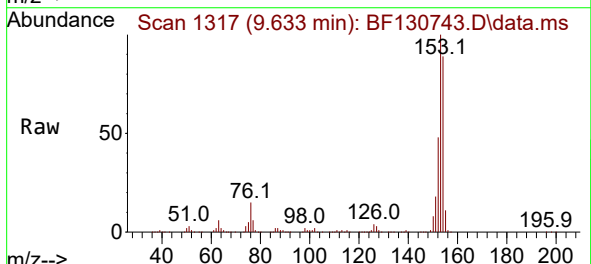
Instrument :
BNA_F
ClientSampleId :
PB148422BS

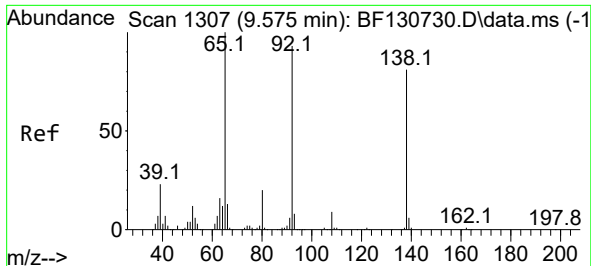
Tgt Ion:165 Resp: 170281
Ion Ratio Lower Upper
165 100
63 60.2 38.8 58.2#
89 58.1 39.4 59.2



#52
Acenaphthene
Concen: 42.535 ng
RT: 9.633 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

Tgt Ion:154 Resp: 513890
Ion Ratio Lower Upper
154 100
153 111.8 88.4 132.6
152 53.1 42.0 63.0

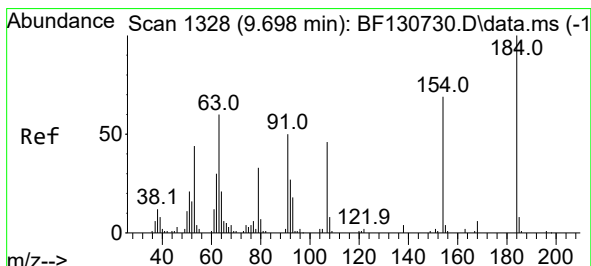
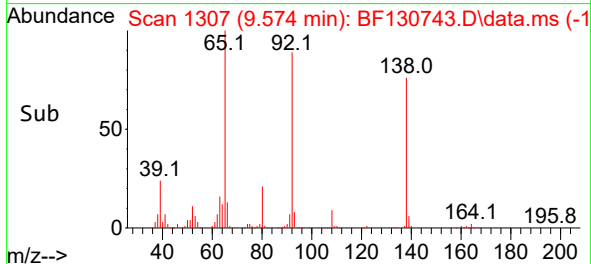
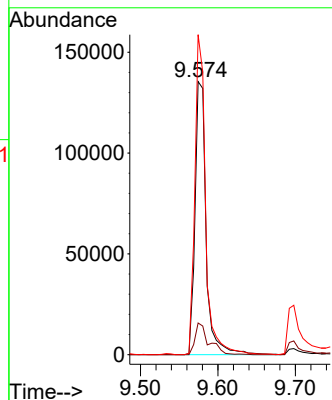
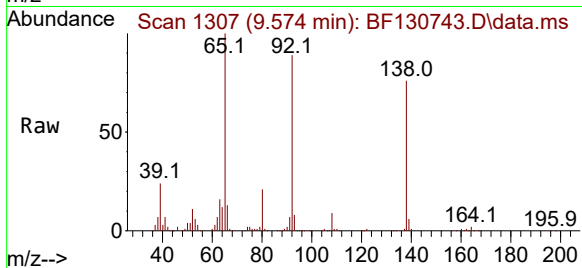




#53
3-Nitroaniline
Concen: 34.643 ng
RT: 9.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

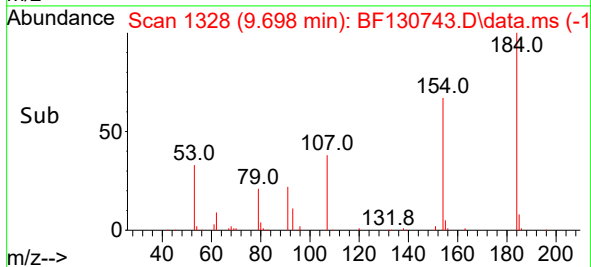
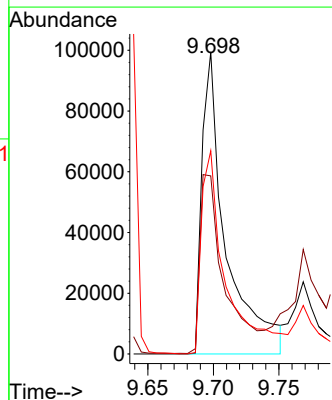
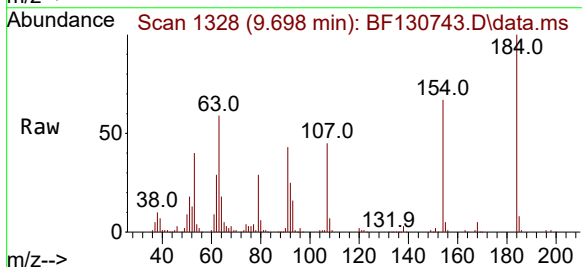
Instrument :
BNA_F
ClientSampleId :
PB148422BS

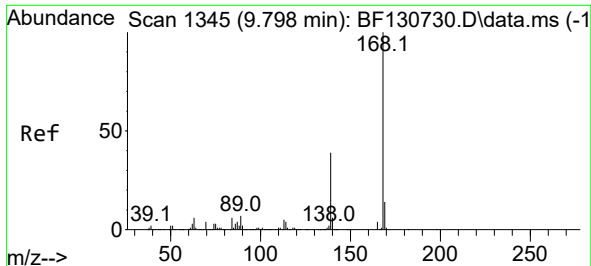
Tgt Ion:138 Resp: 135229
Ion Ratio Lower Upper
138 100
108 11.6 9.0 13.6
92 117.1 91.6 137.4



#54
2,4-Dinitrophenol
Concen: 89.621 ng
RT: 9.698 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

Tgt Ion:184 Resp: 125928
Ion Ratio Lower Upper
184 100
63 59.0 47.7 71.5
154 67.2 55.0 82.4

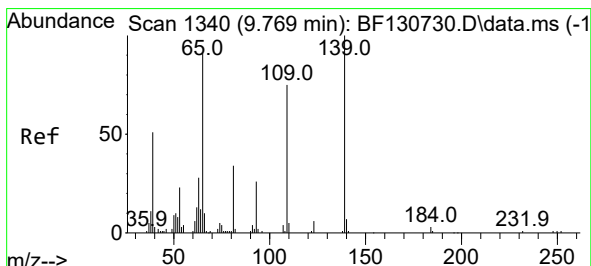
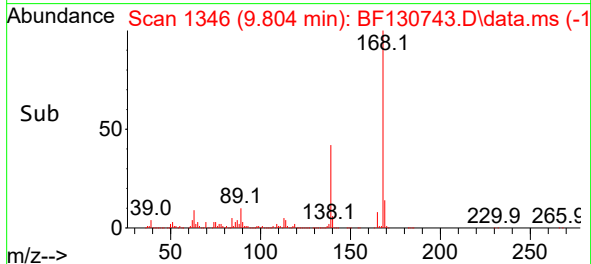
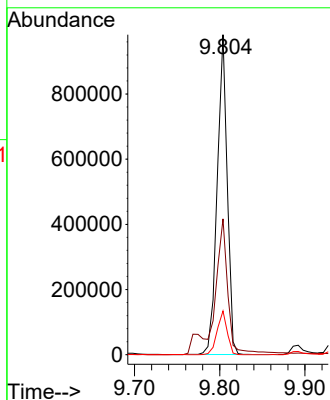
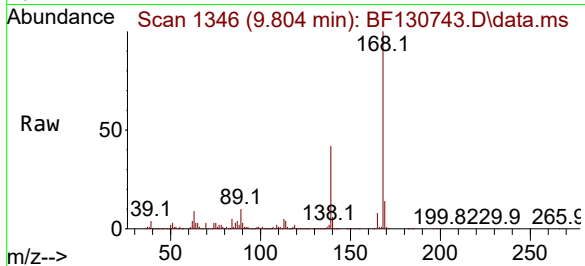




#55
Dibenzenofuran
Concen: 43.122 ng
RT: 9.804 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

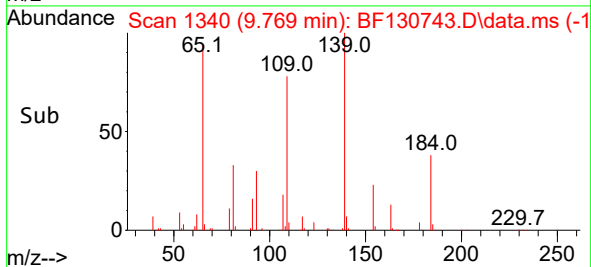
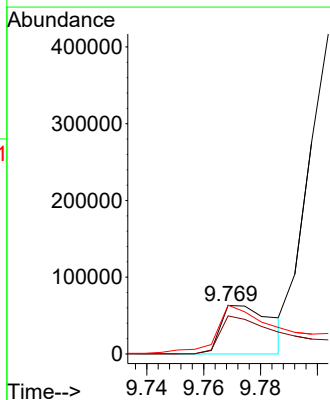
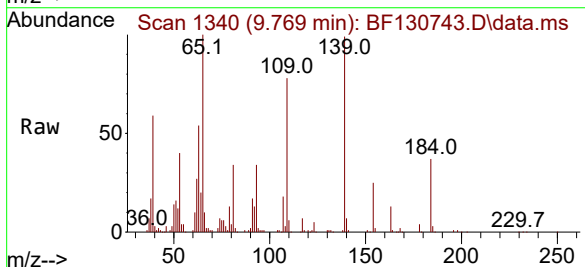
Instrument :
BNA_F
ClientSampleId :
PB148422BS

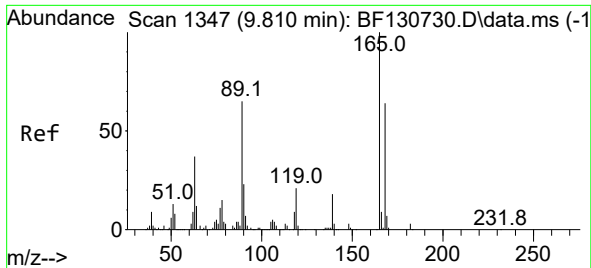
Tgt Ion:168 Resp: 801920
Ion Ratio Lower Upper
168 100
139 42.5 34.3 51.5
169 13.7 11.0 16.6



#56
4-Nitrophenol
Concen: 69.196 ng
RT: 9.769 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

Tgt Ion:139 Resp: 79776
Ion Ratio Lower Upper
139 100
109 78.6 55.1 95.1
65 100.9 72.2 112.2

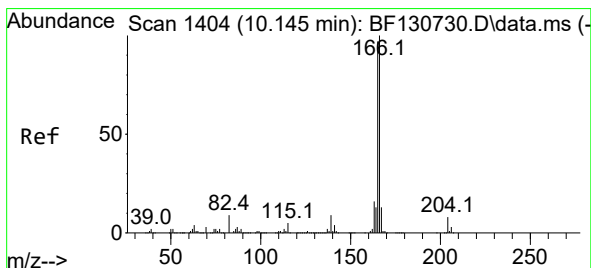
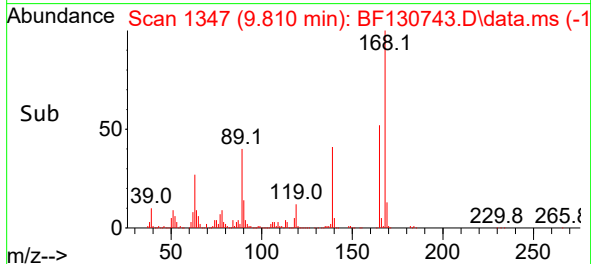
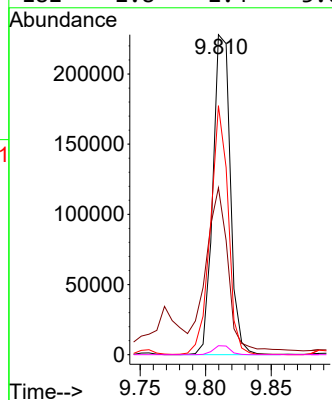
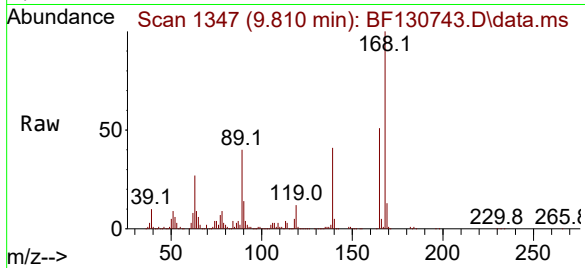




#57
2,4-Dinitrotoluene
Concen: 45.740 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

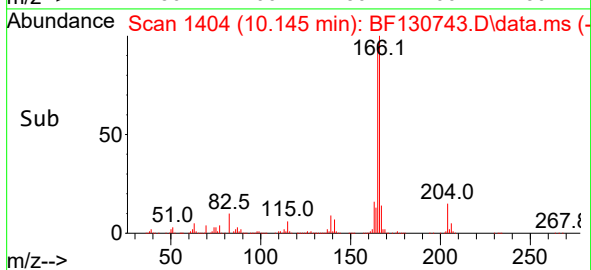
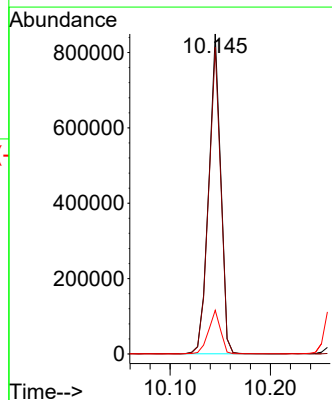
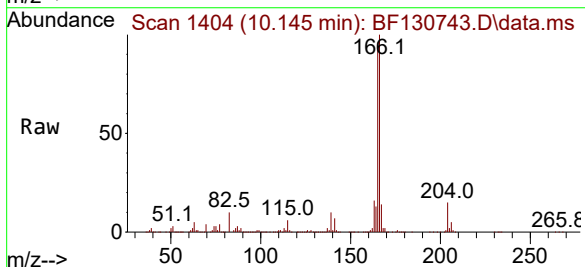
Instrument :
BNA_F
ClientSampleId :
PB148422BS

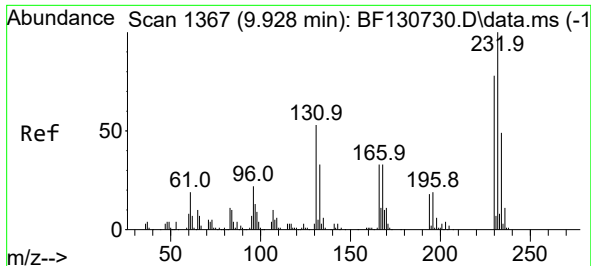
Tgt Ion:165 Resp: 211075
Ion Ratio Lower Upper
165 100
63 52.1 32.6 49.0#
89 77.8 51.9 77.9
182 2.8 2.4 3.6



#58
Fluorene
Concen: 45.844 ng
RT: 10.145 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

Tgt Ion:166 Resp: 709030
Ion Ratio Lower Upper
166 100
165 95.8 77.6 116.4
167 13.6 10.3 15.5





#59

2,3,4,6-Tetrachlorophenol

Concen: 52.026 ng

RT: 9.933 min Scan# 1368

Delta R.T. 0.006 min

Lab File: BF130743.D

Acq: 21 Oct 2022 14:07

Instrument :

BNA_F

ClientSampleId :

PB148422BS

Tgt Ion:232 Resp: 170855

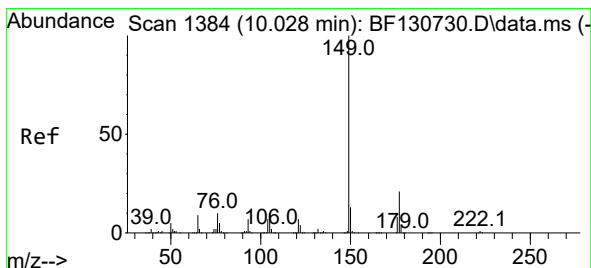
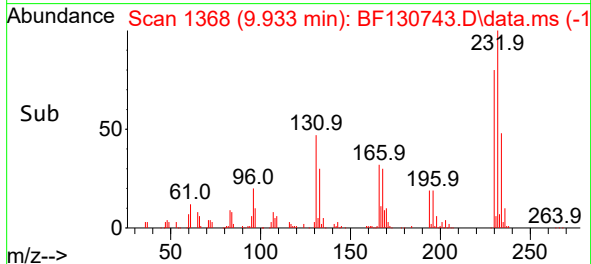
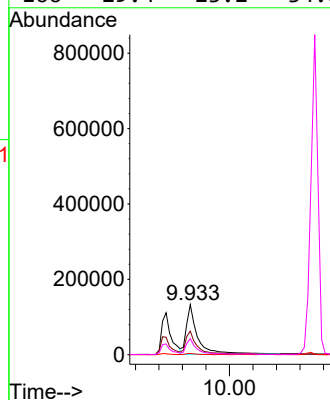
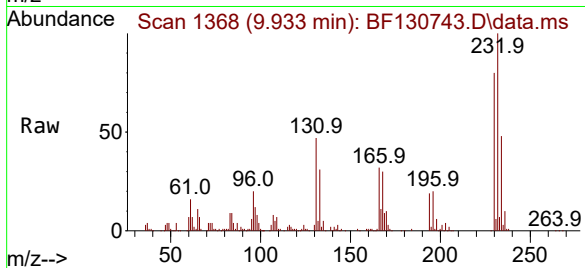
Ion Ratio Lower Upper

232 100

131 48.3 37.7 56.5

130 2.9 1.9 2.9

166 29.4 23.2 34.8



#60

Diethylphthalate

Concen: 46.502 ng

RT: 10.033 min Scan# 1385

Delta R.T. 0.006 min

Lab File: BF130743.D

Acq: 21 Oct 2022 14:07

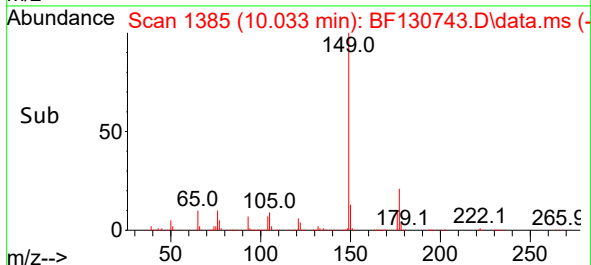
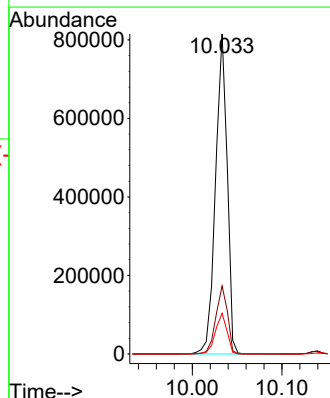
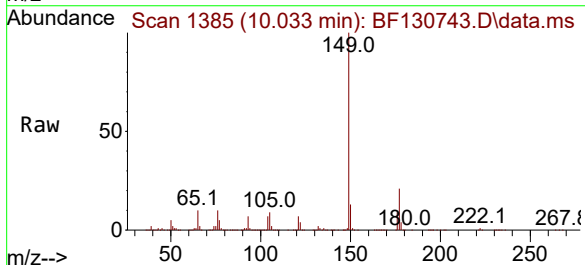
Tgt Ion:149 Resp: 733977

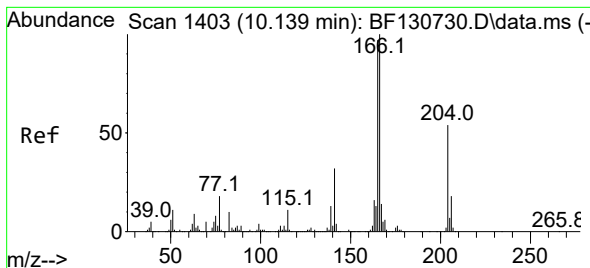
Ion Ratio Lower Upper

149 100

177 21.3 17.2 25.8

150 12.7 10.2 15.4

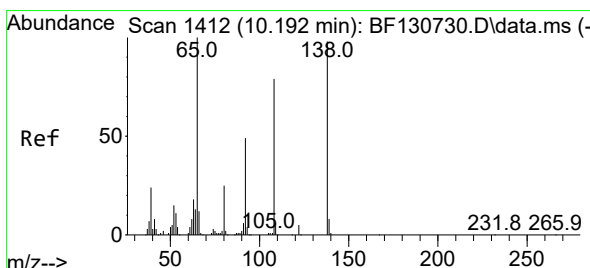
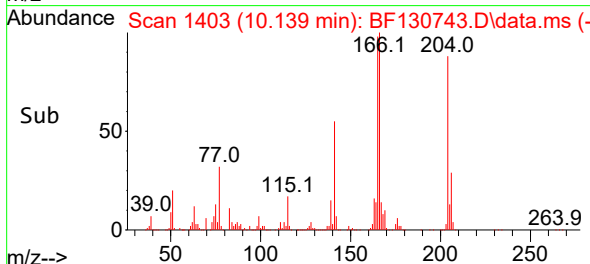
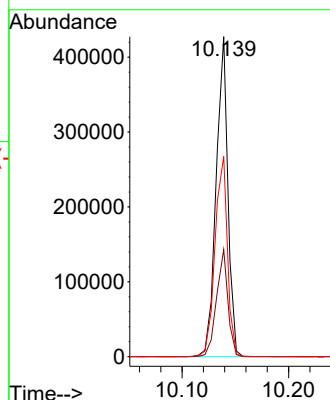
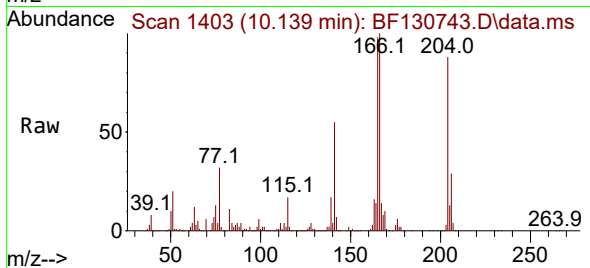




#61
4-Chlorophenyl-phenylether
Concen: 47.398 ng
RT: 10.139 min Scan# 1403
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

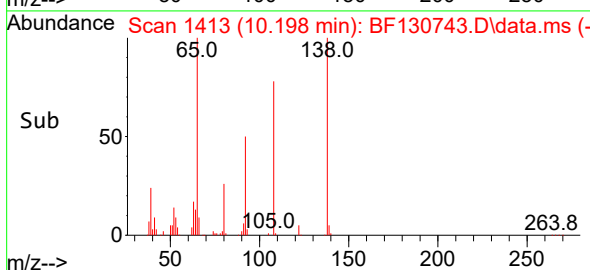
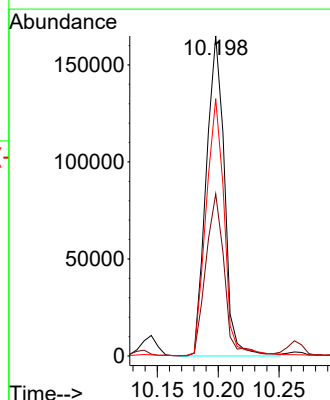
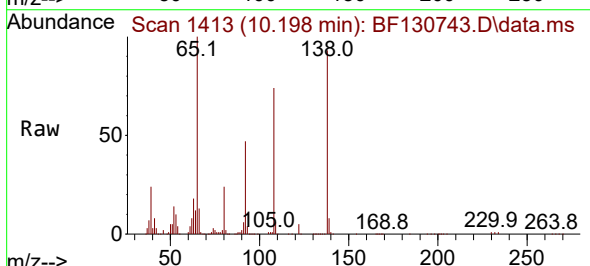
Instrument :
BNA_F
ClientSampleId :
PB148422BS

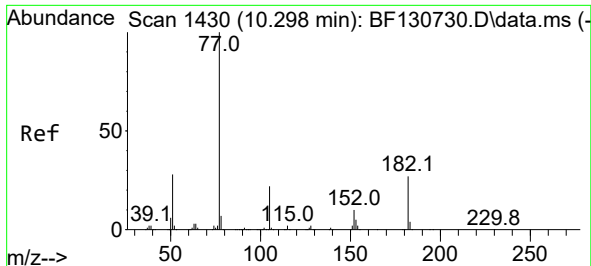
Tgt Ion:204 Resp: 328564
Ion Ratio Lower Upper
204 100
206 33.4 26.9 40.3
141 62.6 47.7 71.5



#62
4-Nitroaniline
Concen: 46.346 ng
RT: 10.198 min Scan# 1413
Delta R.T. 0.006 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

Tgt Ion:138 Resp: 171607
Ion Ratio Lower Upper
138 100
92 50.6 30.2 70.2
108 80.4 61.1 101.1

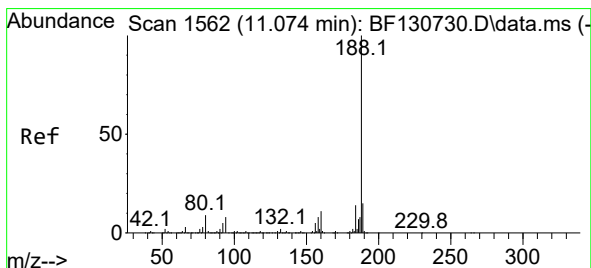
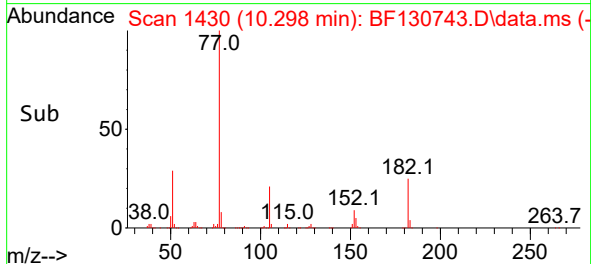
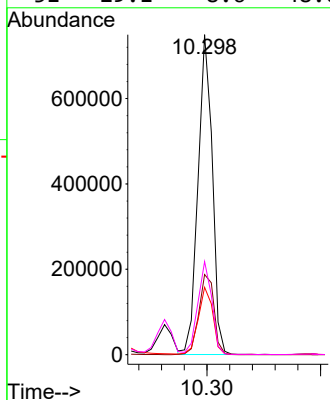
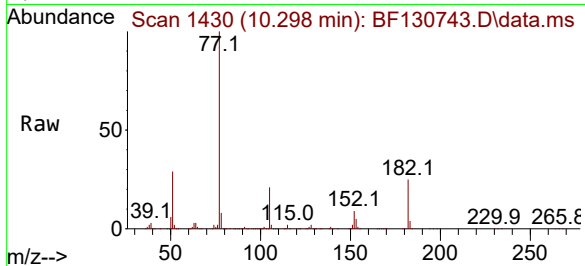




#63
Azobenzene
Concen: 47.013 ng
RT: 10.298 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

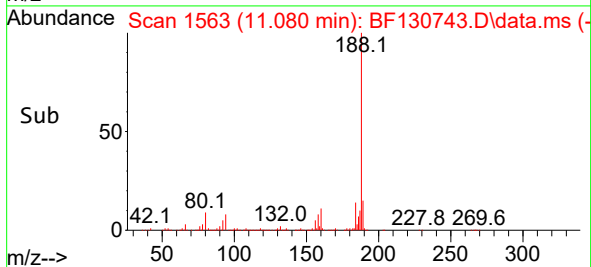
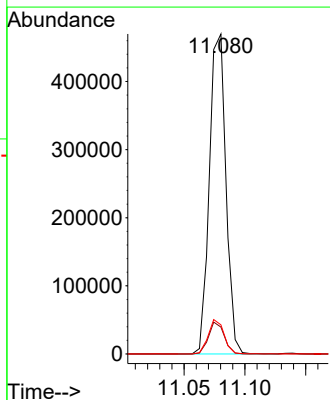
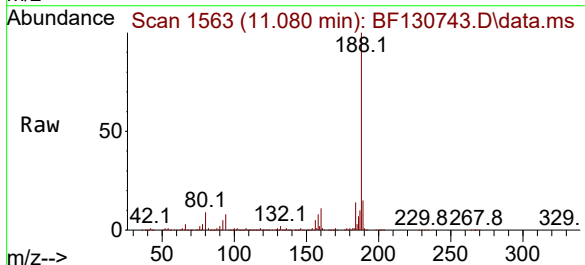
Instrument :
BNA_F
ClientSampleId :
PB148422BS

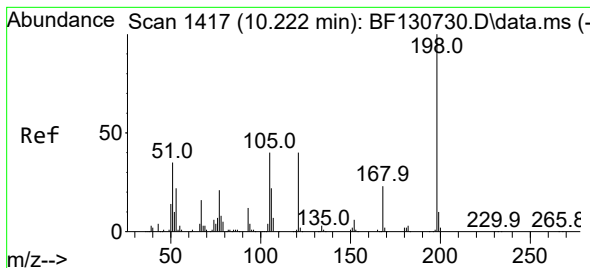
Tgt Ion: 77	Resp: 651526
Ion Ratio	Lower Upper
77 100	
182 25.1	7.3 47.3
105 21.0	1.9 41.9
51 29.1	8.6 48.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.080 min Scan# 1563
Delta R.T. 0.006 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

Tgt Ion:188	Resp: 446252
Ion Ratio	Lower Upper
188 100	
94 8.4	6.7 10.1
80 9.1	7.4 11.0

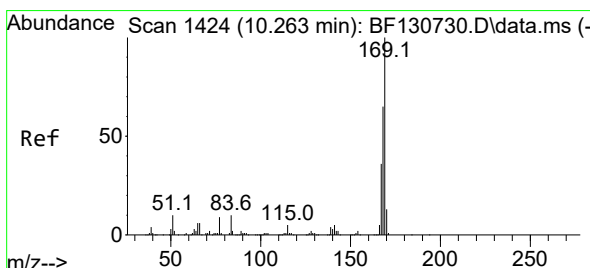
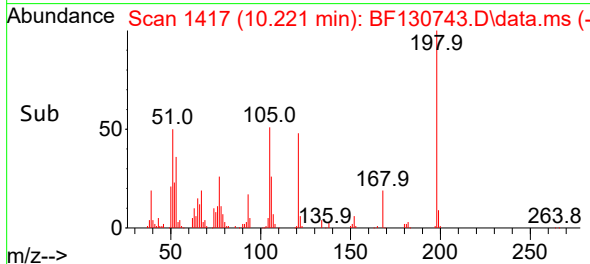
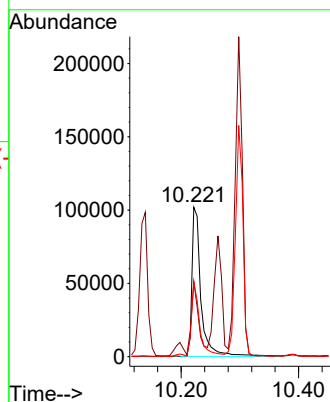
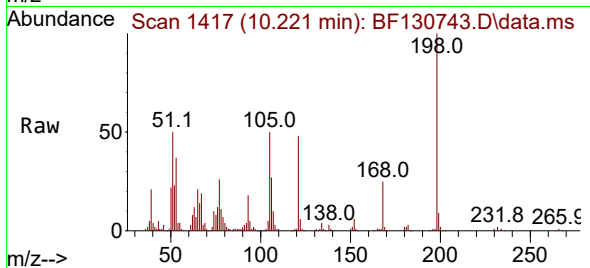




#65
4,6-Dinitro-2-methylphenol
Concen: 41.027 ng
RT: 10.221 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

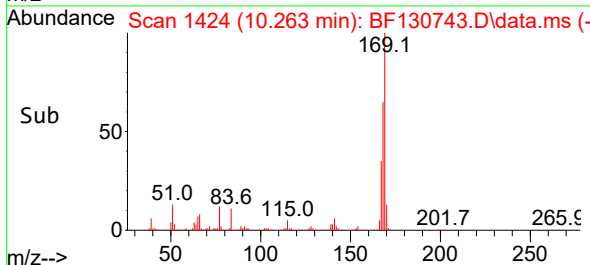
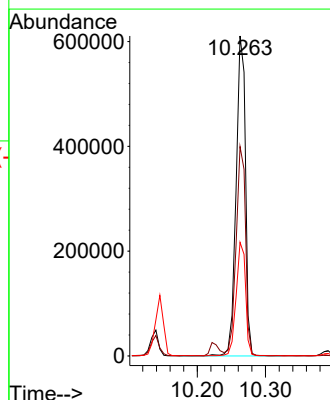
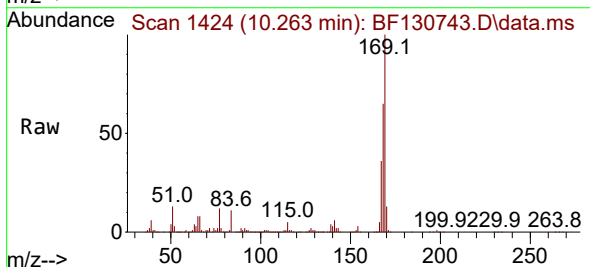
Instrument :
BNA_F
ClientSampleId :
PB148422BS

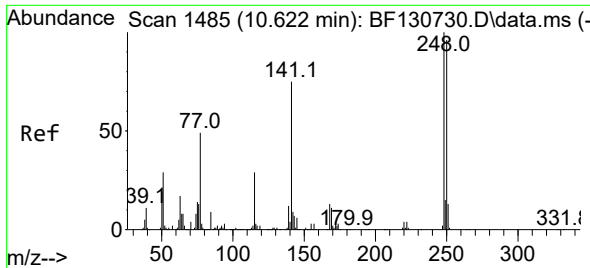
Tgt Ion:198 Resp: 109424
Ion Ratio Lower Upper
198 100
51 50.1 17.7 57.7
105 50.2 20.2 60.2



#66
n-Nitrosodiphenylamine
Concen: 37.910 ng
RT: 10.263 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

Tgt Ion:169 Resp: 583190
Ion Ratio Lower Upper
169 100
168 65.4 52.5 78.7
167 35.5 28.6 42.8

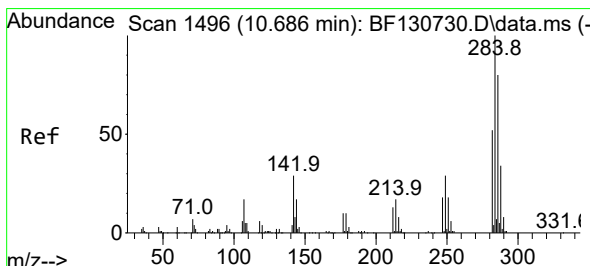
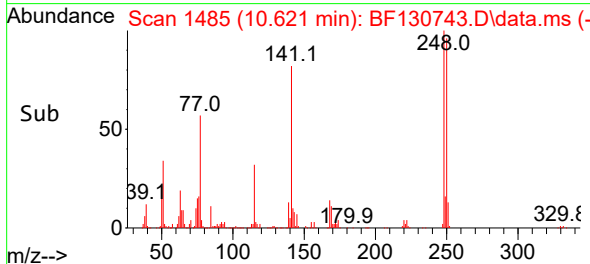
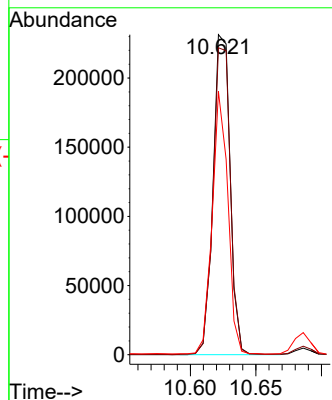
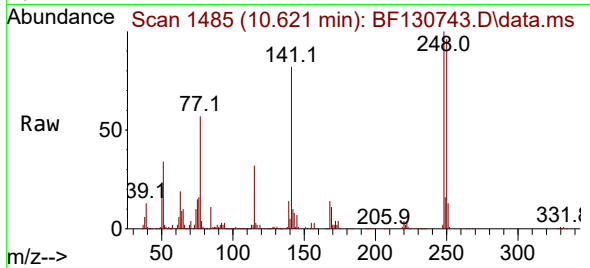




#67
4-Bromophenyl-phenylether
Concen: 39.035 ng
RT: 10.621 min Scan# 1485
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

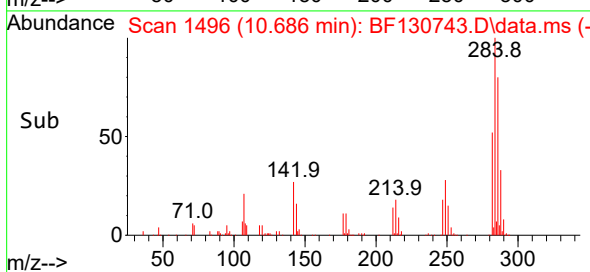
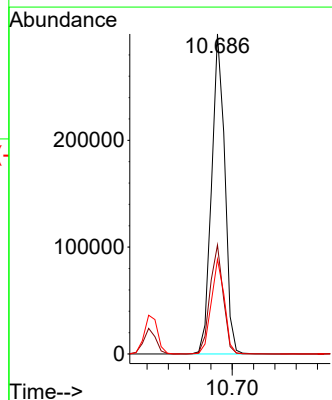
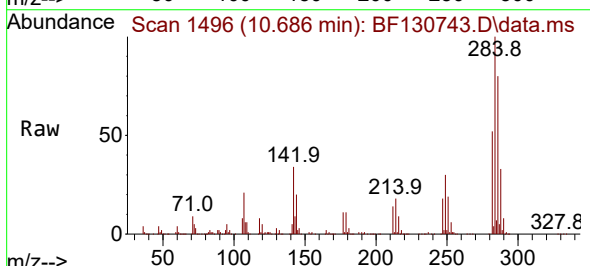
Instrument :
BNA_F
ClientSampleId :
PB148422BS

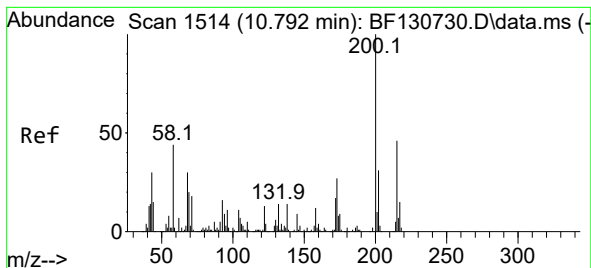
Tgt Ion:248 Resp: 209533
Ion Ratio Lower Upper
248 100
250 95.9 77.0 115.6
141 82.2 60.1 90.1



#68
Hexachlorobenzene
Concen: 41.927 ng
RT: 10.686 min Scan# 1496
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

Tgt Ion:284 Resp: 257238
Ion Ratio Lower Upper
284 100
142 34.0 22.8 34.2
249 29.6 23.4 35.2





#69

Atrazine

Concen: 45.732 ng

RT: 10.798 min Scan# 1515

Delta R.T. 0.006 min

Lab File: BF130743.D

Acq: 21 Oct 2022 14:07

Instrument :

BNA_F

ClientSampleId :

PB148422BS

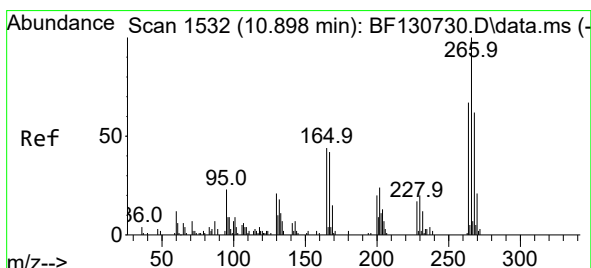
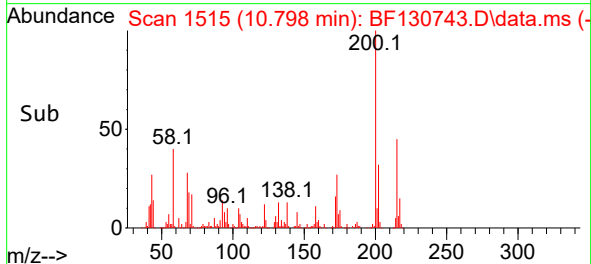
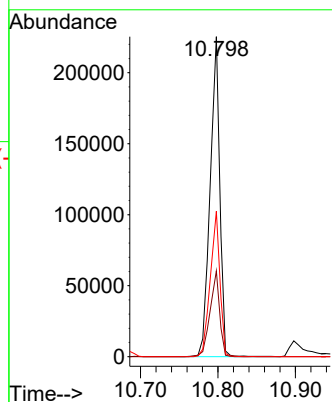
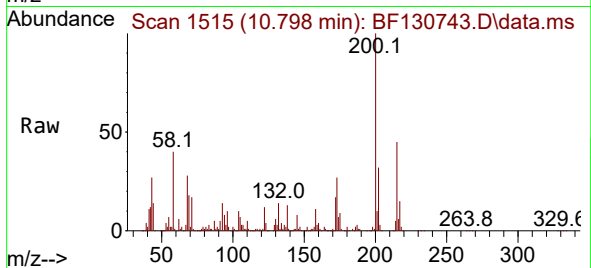
Tgt Ion:200 Resp: 194830

Ion Ratio Lower Upper

200 100

173 26.8 7.2 47.2

215 45.4 26.5 66.5



#70

Pentachlorophenol

Concen: 82.797 ng

RT: 10.898 min Scan# 1532

Delta R.T. -0.000 min

Lab File: BF130743.D

Acq: 21 Oct 2022 14:07

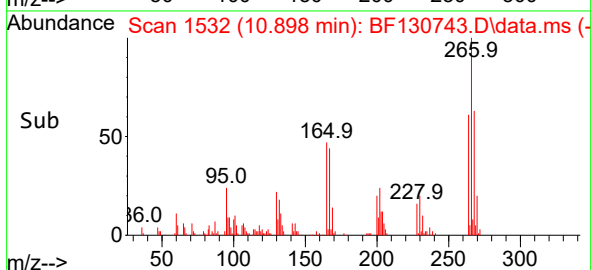
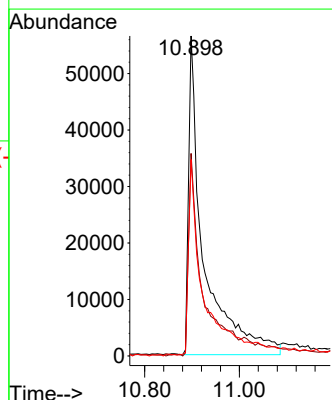
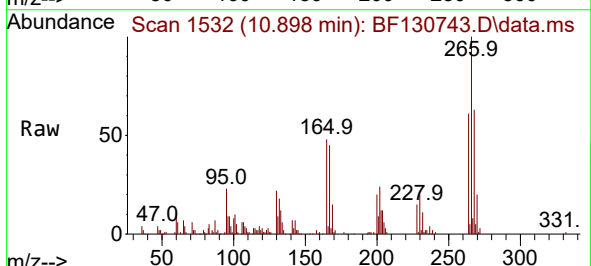
Tgt Ion:266 Resp: 124759

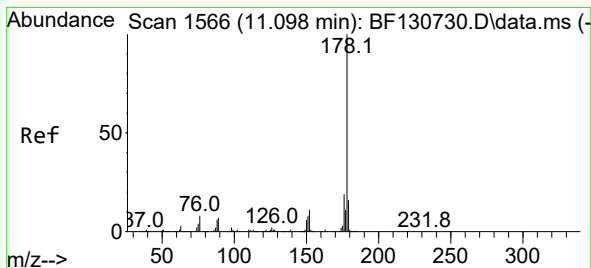
Ion Ratio Lower Upper

266 100

268 63.3 49.9 74.9

264 61.4 53.6 80.4





#71

Phenanthrene

Concen: 41.357 ng

RT: 11.104 min Scan# 1567

Delta R.T. 0.006 min

Lab File: BF130743.D

Acq: 21 Oct 2022 14:07

Instrument :

BNA_F

ClientSampleId :

PB148422BS

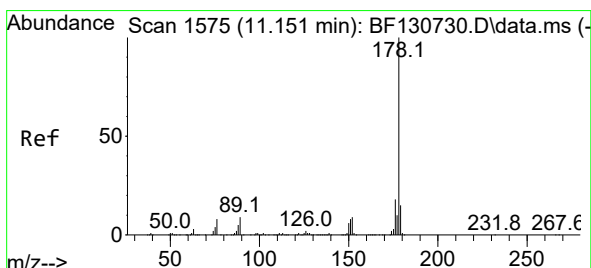
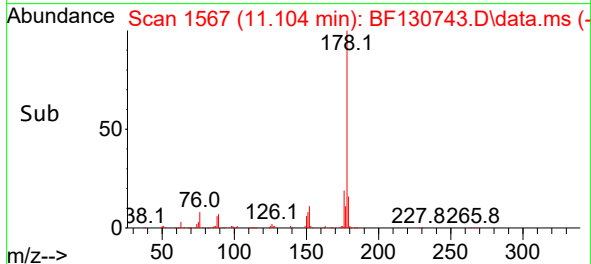
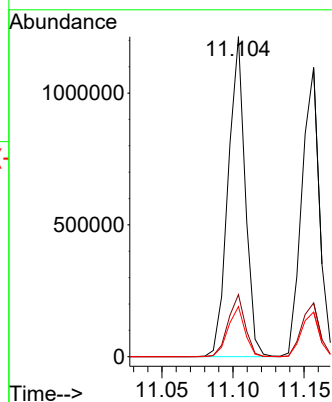
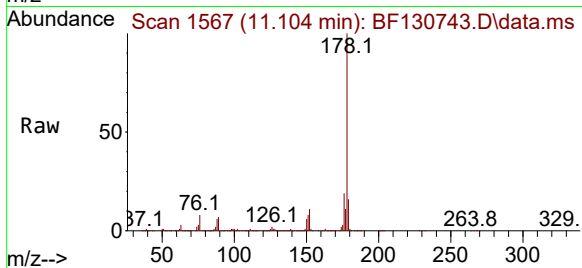
Tgt Ion:178 Resp: 1012063

Ion Ratio Lower Upper

178 100

176 19.4 15.1 22.7

179 15.6 12.4 18.6



#72

Anthracene

Concen: 38.913 ng

RT: 11.157 min Scan# 1576

Delta R.T. 0.006 min

Lab File: BF130743.D

Acq: 21 Oct 2022 14:07

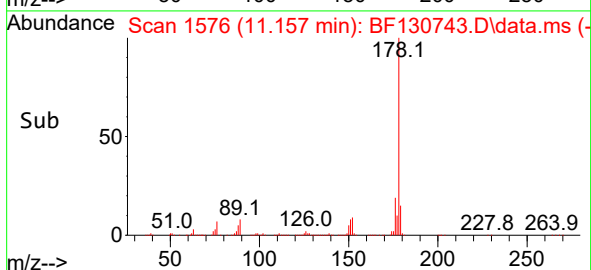
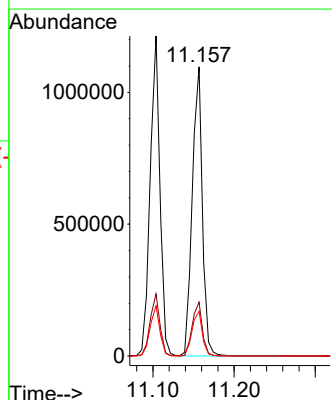
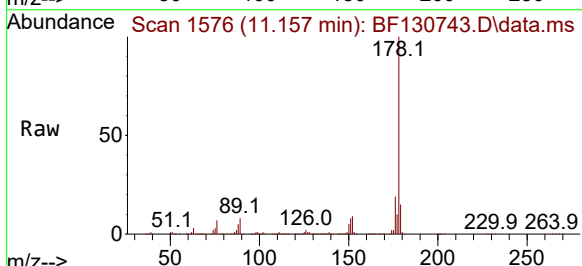
Tgt Ion:178 Resp: 950251

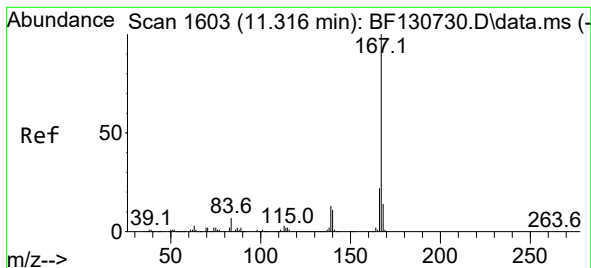
Ion Ratio Lower Upper

178 100

176 18.6 14.6 21.8

179 15.5 12.4 18.6





#73

Carbazole

Concen: 37.151 ng

RT: 11.316 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF130743.D

Acq: 21 Oct 2022 14:07

Instrument :

BNA_F

ClientSampleId :

PB148422BS

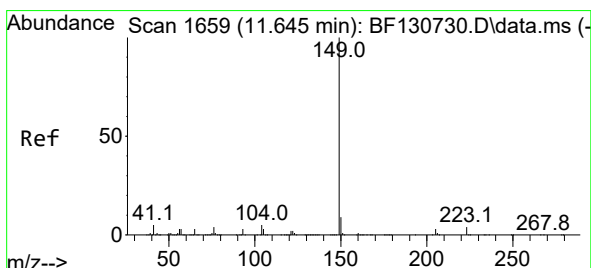
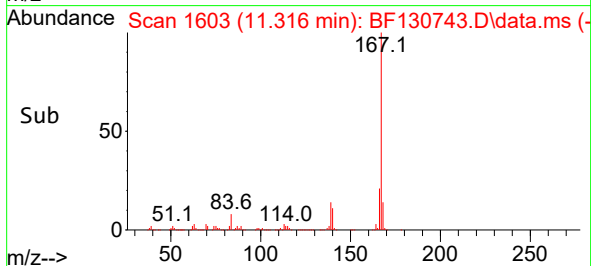
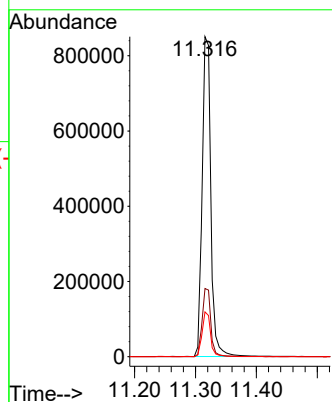
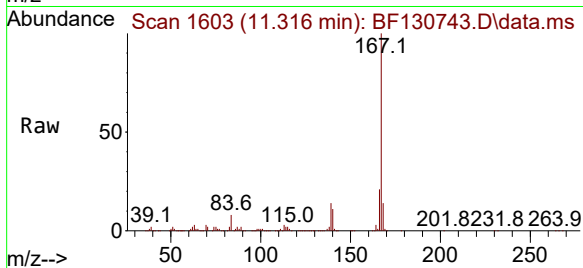
Tgt Ion:167 Resp: 837630

Ion Ratio Lower Upper

167 100

166 21.3 17.3 25.9

139 14.0 10.7 16.1



#74

Di-n-butylphthalate

Concen: 39.490 ng

RT: 11.645 min Scan# 1659

Delta R.T. -0.000 min

Lab File: BF130743.D

Acq: 21 Oct 2022 14:07

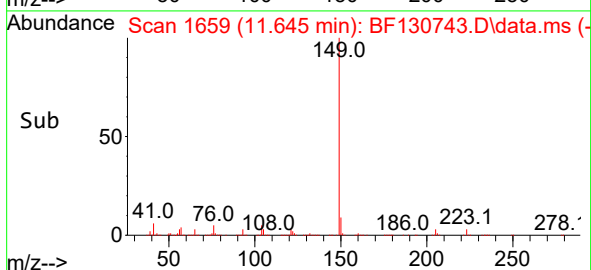
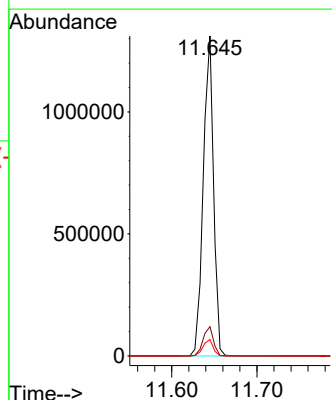
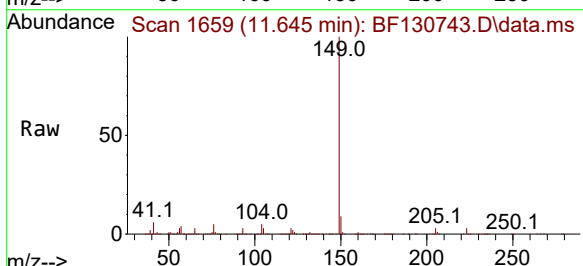
Tgt Ion:149 Resp: 1095101

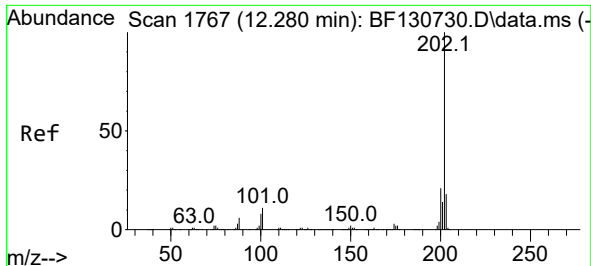
Ion Ratio Lower Upper

149 100

150 9.2 7.2 10.8

104 5.2 3.8 5.8

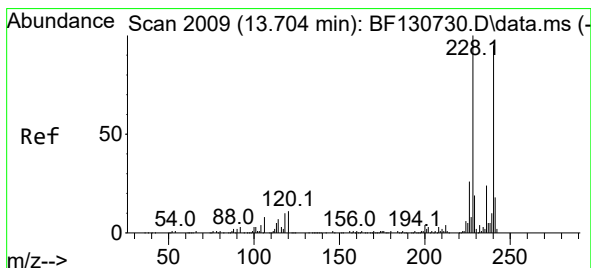
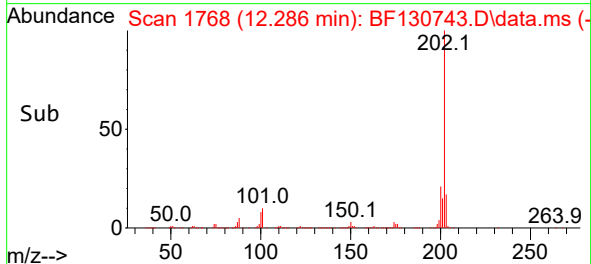
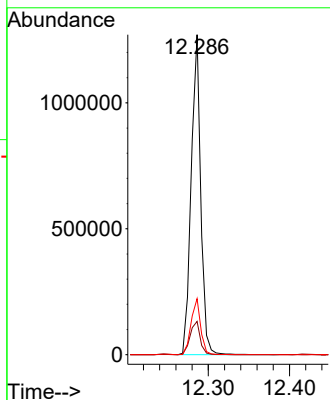
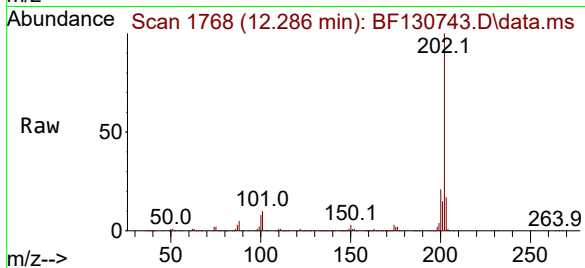




#75
Fluoranthene
Concen: 42.060 ng
RT: 12.286 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

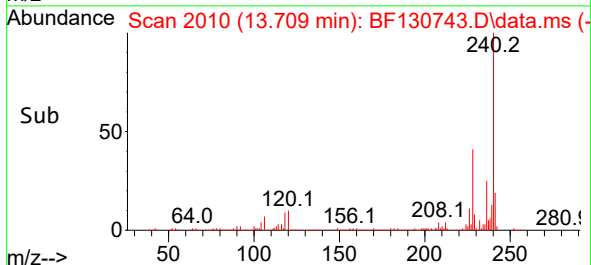
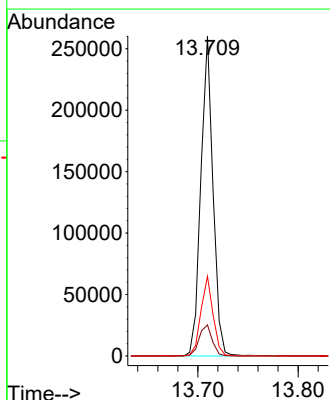
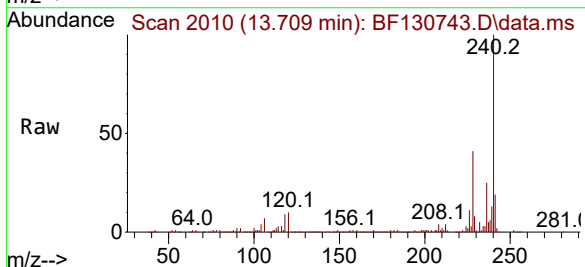
Instrument :
BNA_F
ClientSampleId :
PB148422BS

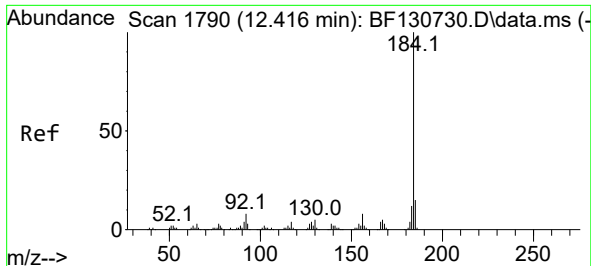
Tgt Ion:202 Resp: 1040540
Ion Ratio Lower Upper
202 100
101 10.4 0.0 31.0
203 17.5 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.709 min Scan# 2010
Delta R.T. 0.005 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

Tgt Ion:240 Resp: 220500
Ion Ratio Lower Upper
240 100
120 9.7 9.6 14.4
236 24.9 20.2 30.2

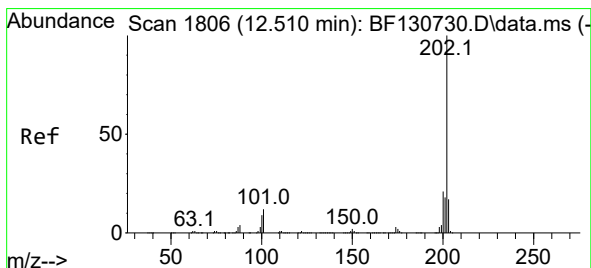
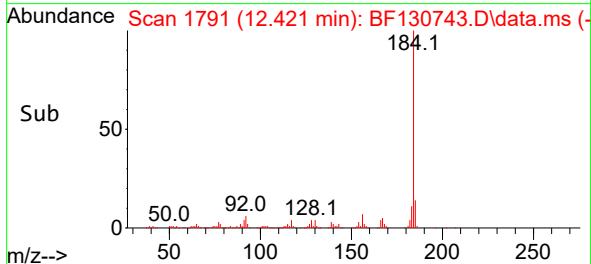
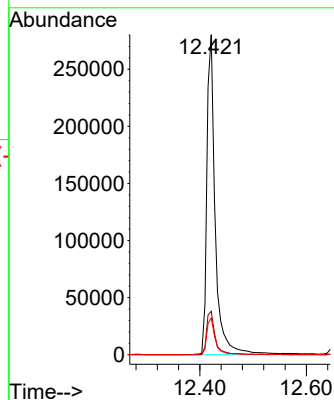
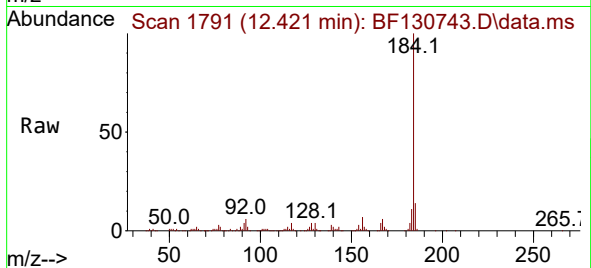




#77
Benzidine
Concen: 131.480 ng
RT: 12.421 min Scan# 1791
Delta R.T. 0.005 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

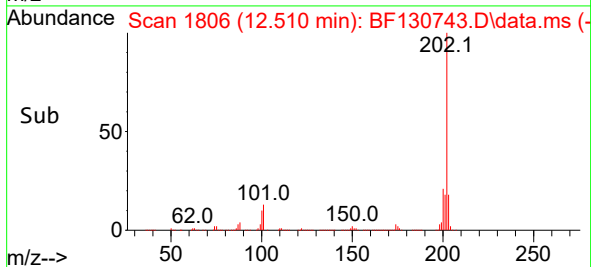
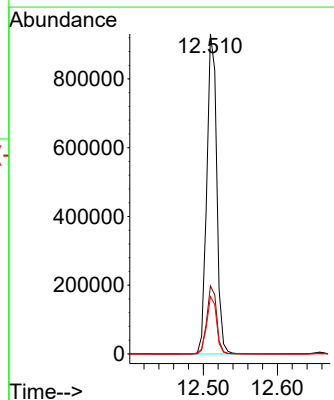
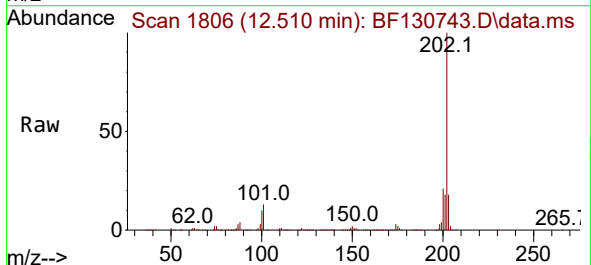
Instrument :
BNA_F
ClientSampleId :
PB148422BS

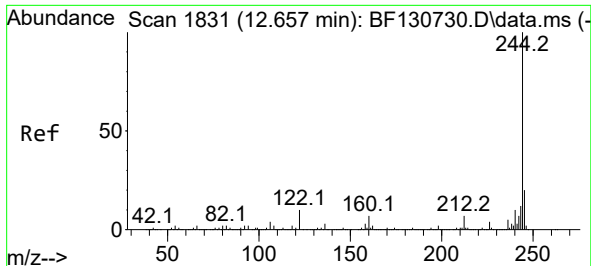
Tgt Ion:184 Resp: 304744
Ion Ratio Lower Upper
184 100
185 13.6 12.4 18.6
183 11.4 9.3 13.9



#78
Pyrene
Concen: 46.893 ng
RT: 12.510 min Scan# 1806
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

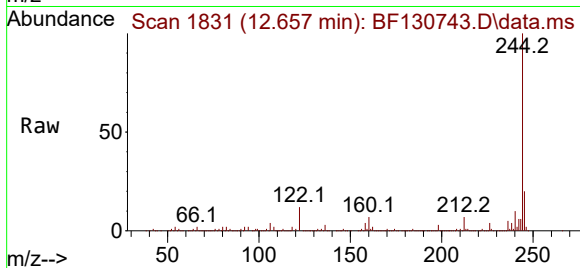
Tgt Ion:202 Resp: 867919
Ion Ratio Lower Upper
202 100
200 21.2 16.8 25.2
203 17.9 13.8 20.8



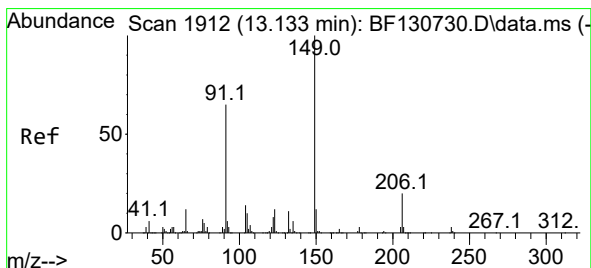
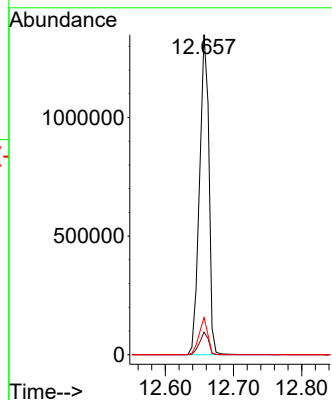
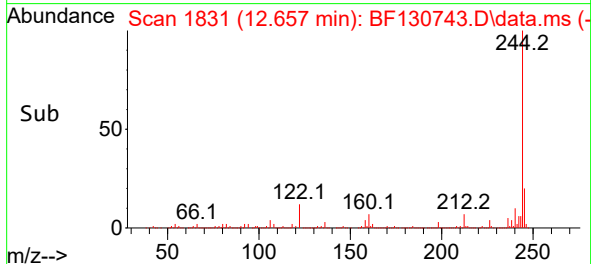


#79
 Terphenyl-d14
 Concen: 98.529 ng
 RT: 12.657 min Scan# 1831
 Delta R.T. -0.000 min
 Lab File: BF130743.D
 Acq: 21 Oct 2022 14:07

Instrument :
 BNA_F
 ClientSampleId :
 PB148422BS

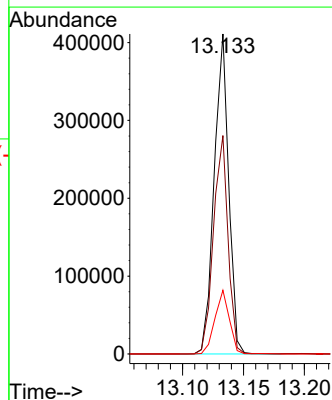
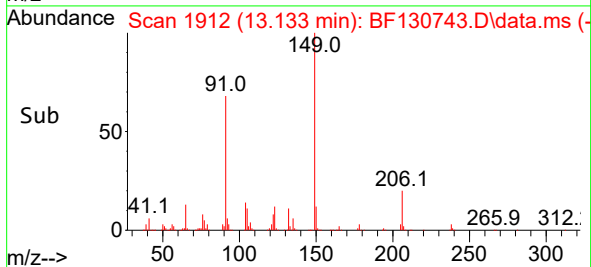
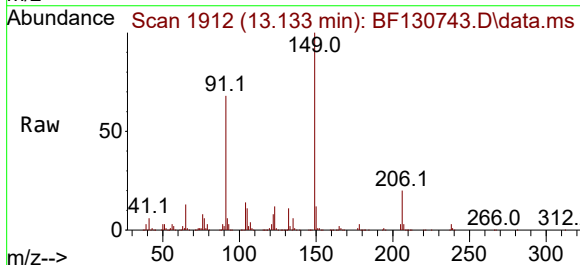


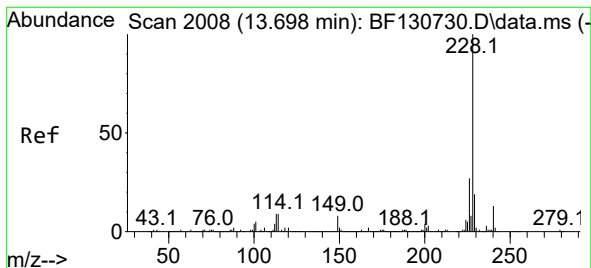
Tgt Ion:244 Resp: 1289218
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 11.6 8.2 12.4



#80
 Butylbenzylphthalate
 Concen: 46.119 ng
 RT: 13.133 min Scan# 1912
 Delta R.T. -0.000 min
 Lab File: BF130743.D
 Acq: 21 Oct 2022 14:07

Tgt Ion:149 Resp: 338699
 Ion Ratio Lower Upper
 149 100
 91 68.3 52.3 78.5
 206 19.9 16.3 24.5





#81

Benzo(a)anthracene

Concen: 42.305 ng

RT: 13.698 min Scan# 2008

Delta R.T. -0.000 min

Lab File: BF130743.D

Acq: 21 Oct 2022 14:07

Instrument :

BNA_F

ClientSampleId :

PB148422BS

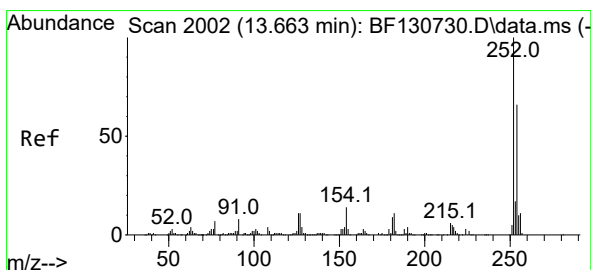
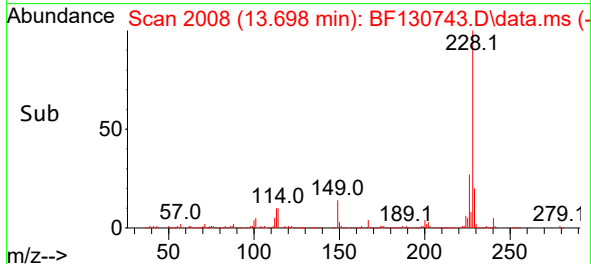
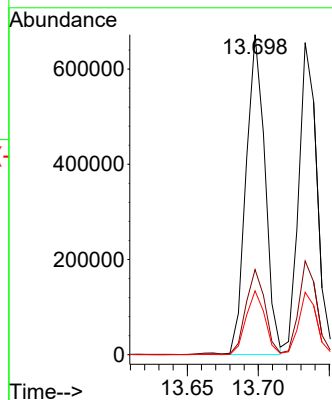
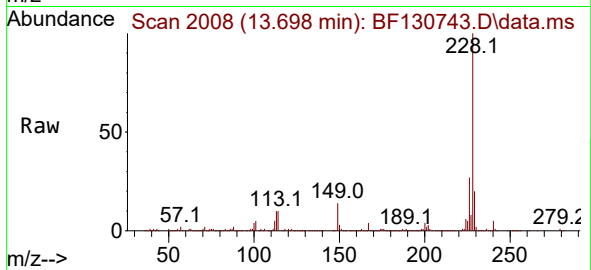
Tgt Ion:228 Resp: 623296

Ion Ratio Lower Upper

228 100

226 26.6 21.8 32.8

229 19.9 15.4 23.2



#82

3,3'-Dichlorobenzidine

Concen: 47.124 ng

RT: 13.668 min Scan# 2003

Delta R.T. 0.006 min

Lab File: BF130743.D

Acq: 21 Oct 2022 14:07

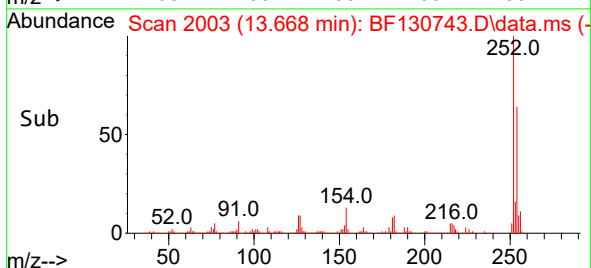
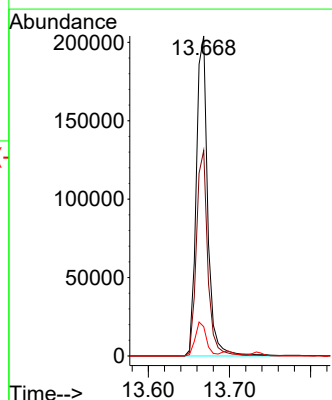
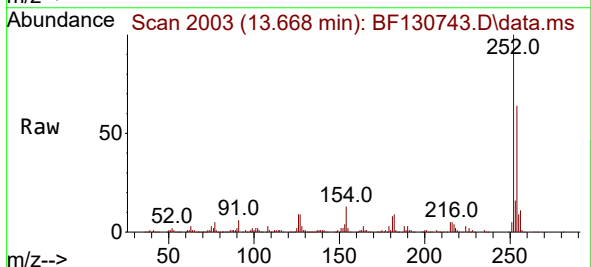
Tgt Ion:252 Resp: 201624

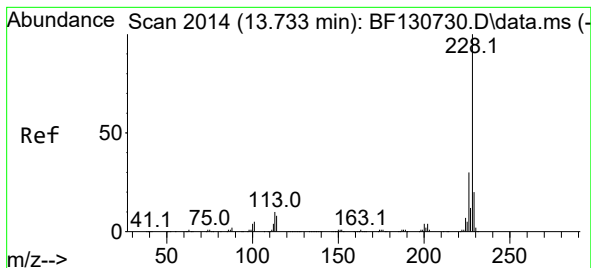
Ion Ratio Lower Upper

252 100

254 64.2 52.4 78.6

126 9.2 9.0 13.4





#83

Chrysene

Concen: 41.219 ng

RT: 13.733 min Scan# 2014

Delta R.T. -0.000 min

Lab File: BF130743.D

Acq: 21 Oct 2022 14:07

Instrument :

BNA_F

ClientSampleId :

PB148422BS

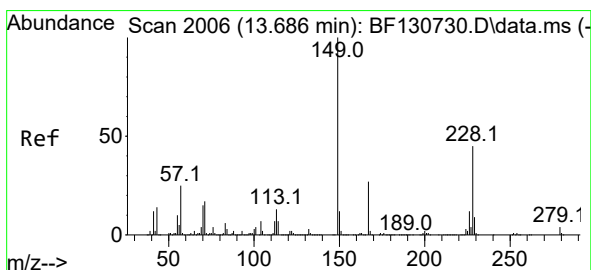
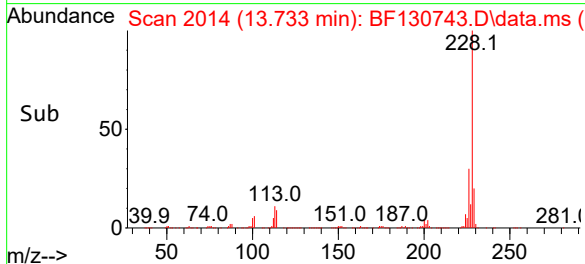
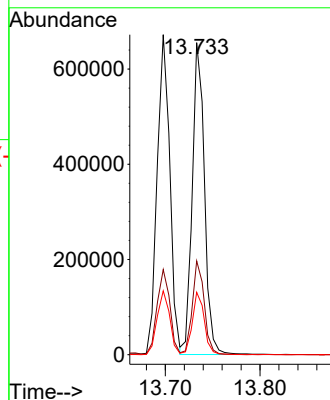
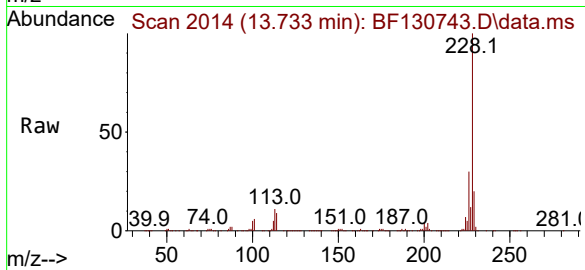
Tgt Ion:228 Resp: 588422

Ion Ratio Lower Upper

228 100

226 30.0 23.6 35.4

229 20.0 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.128 ng

RT: 13.686 min Scan# 2006

Delta R.T. -0.000 min

Lab File: BF130743.D

Acq: 21 Oct 2022 14:07

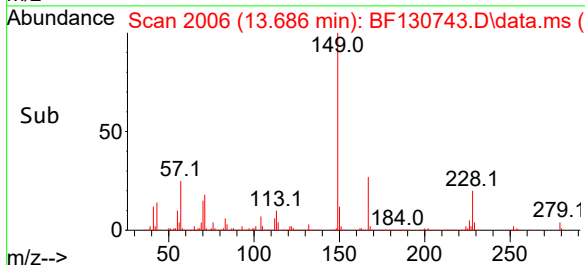
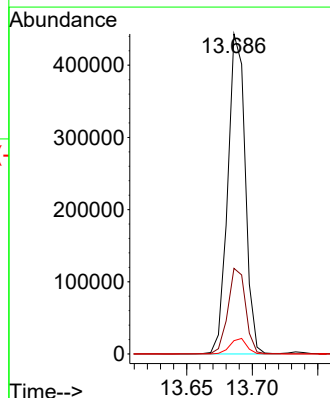
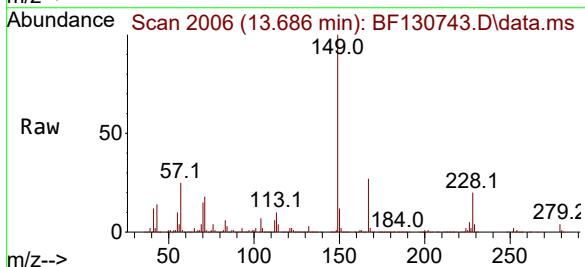
Tgt Ion:149 Resp: 410001

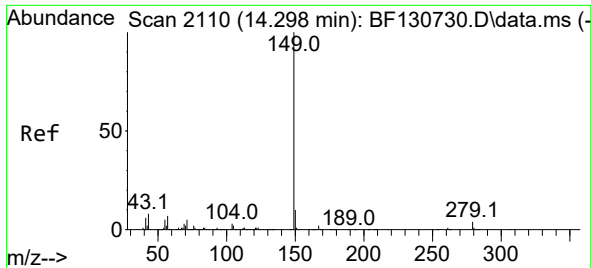
Ion Ratio Lower Upper

149 100

167 26.8 21.5 32.3

279 4.2 3.4 5.0

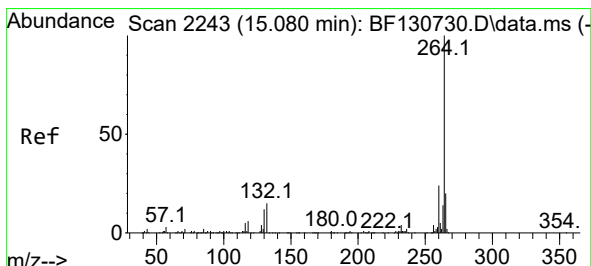
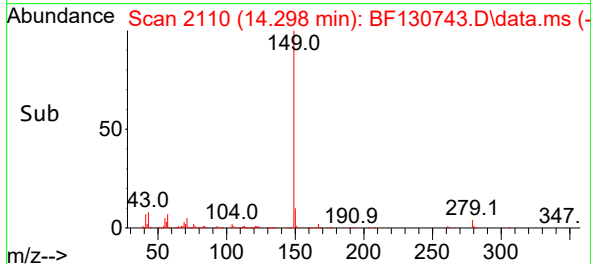
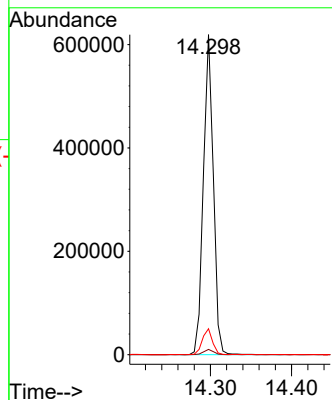
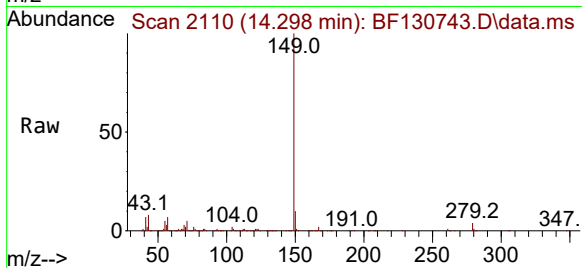




#85
Di-n-octyl phthalate
Concen: 45.922 ng
RT: 14.298 min Scan# 2110
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

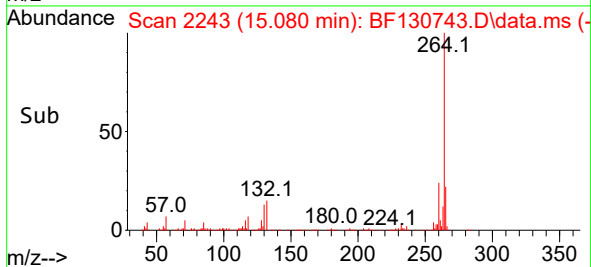
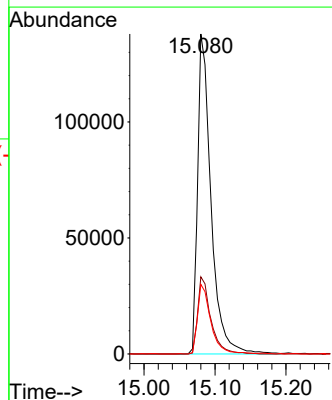
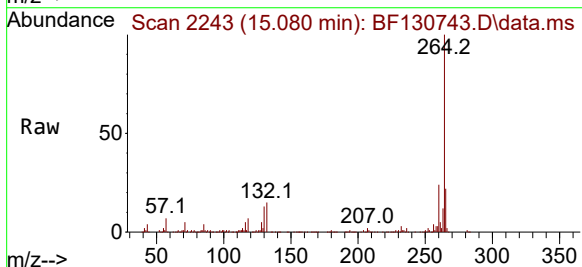
Instrument :
BNA_F
ClientSampleId :
PB148422BS

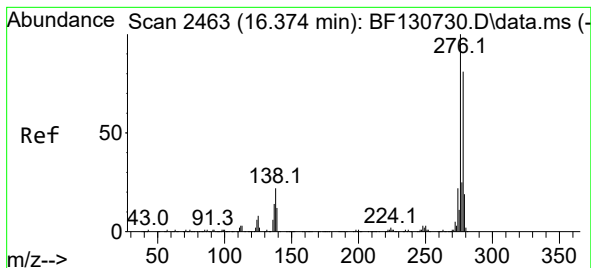
Tgt Ion:149 Resp: 526709
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 8.4 7.0 10.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.080 min Scan# 2243
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

Tgt Ion:264 Resp: 181416
Ion Ratio Lower Upper
264 100
260 24.1 18.8 28.2
265 21.7 16.2 24.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.791 ng

RT: 16.374 min Scan# 2463

Delta R.T. -0.000 min

Lab File: BF130743.D

Acq: 21 Oct 2022 14:07

Instrument :

BNA_F

ClientSampleId :

PB148422BS

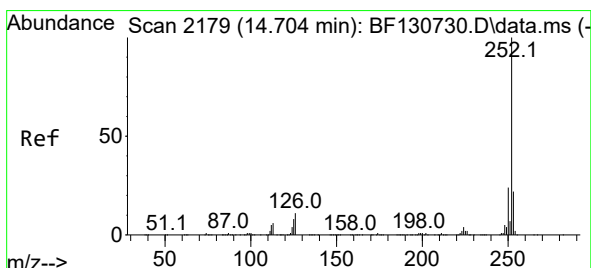
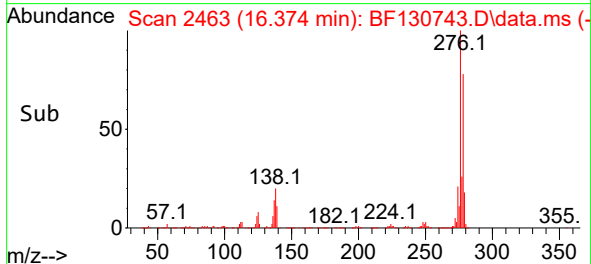
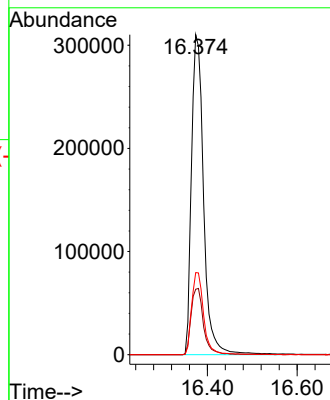
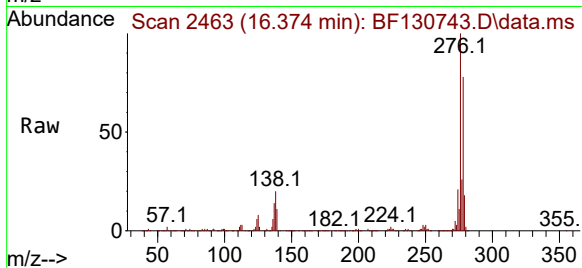
Tgt Ion:276 Resp: 582778

Ion Ratio Lower Upper

276 100

138 21.2 17.2 25.8

277 25.5 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 43.462 ng

RT: 14.704 min Scan# 2179

Delta R.T. -0.000 min

Lab File: BF130743.D

Acq: 21 Oct 2022 14:07

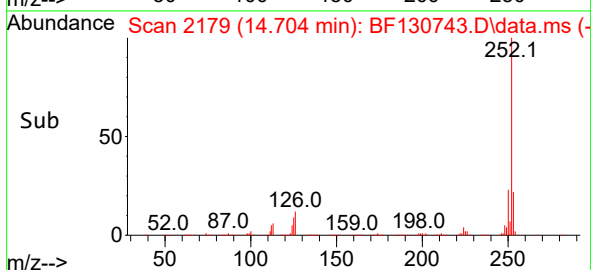
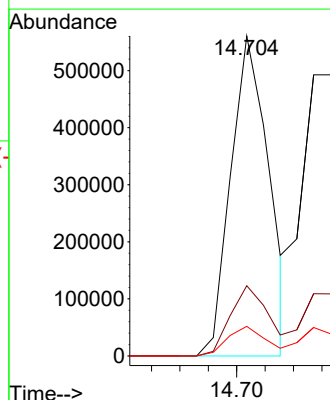
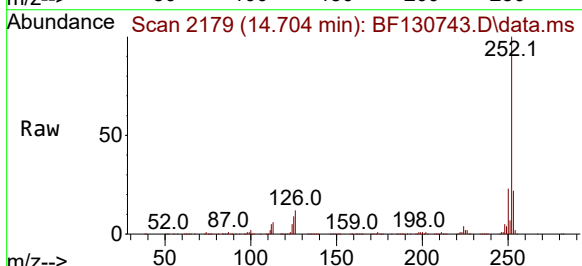
Tgt Ion:252 Resp: 524987

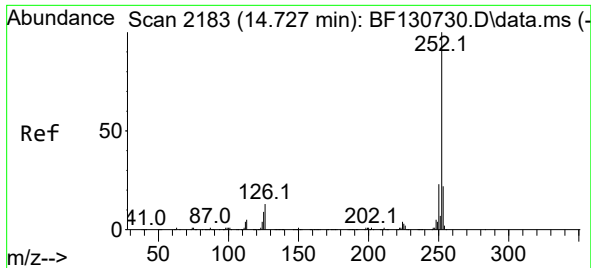
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 9.2 6.4 9.6

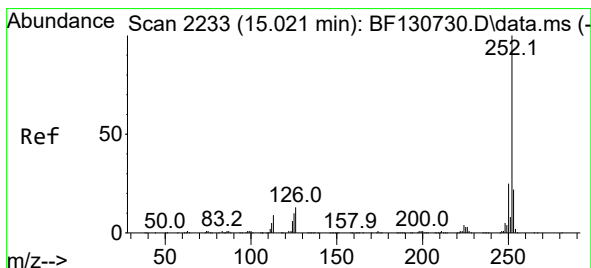
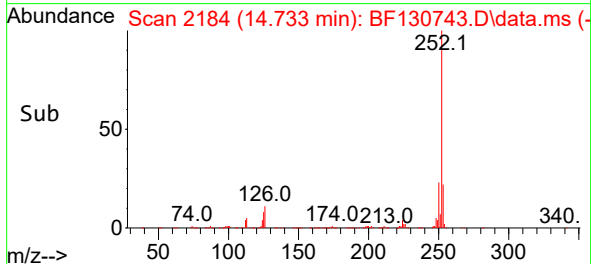
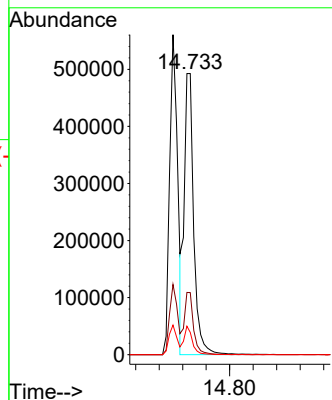
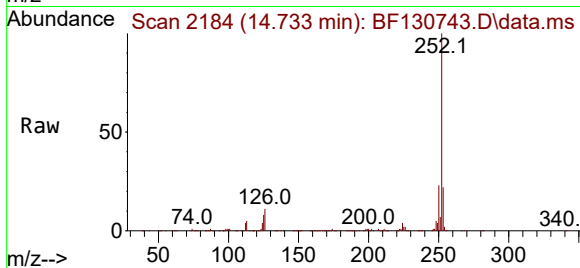




#89
Benzo(k)fluoranthene
Concen: 45.696 ng
RT: 14.733 min Scan# 2184
Delta R.T. 0.006 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

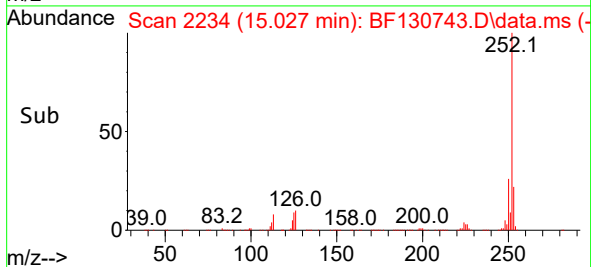
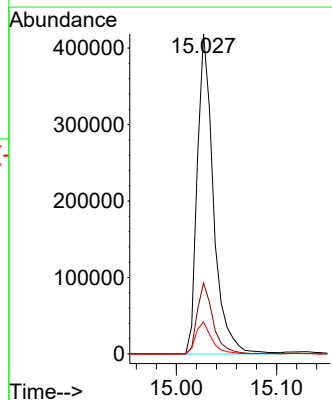
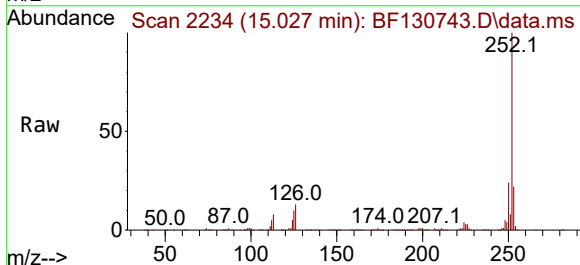
Instrument :
BNA_F
ClientSampleId :
PB148422BS

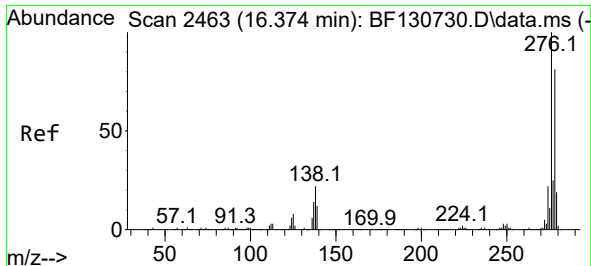
Tgt Ion:252 Resp: 554552
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 7.9 7.2 10.8



#90
Benzo(a)pyrene
Concen: 48.449 ng
RT: 15.027 min Scan# 2234
Delta R.T. 0.006 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

Tgt Ion:252 Resp: 470038
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 10.0 8.3 12.5

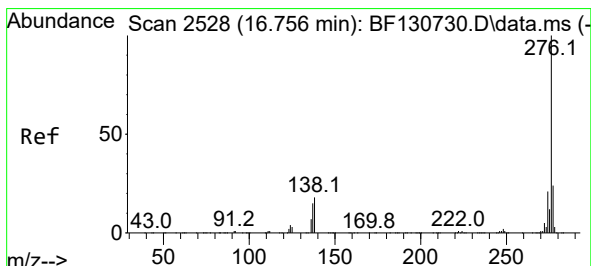
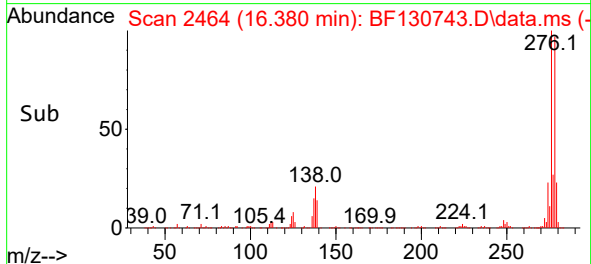
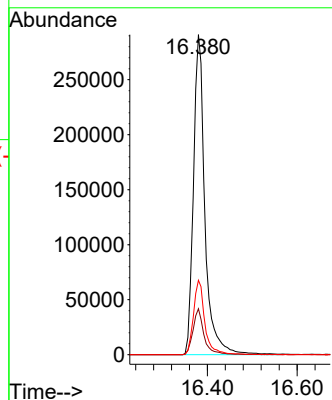
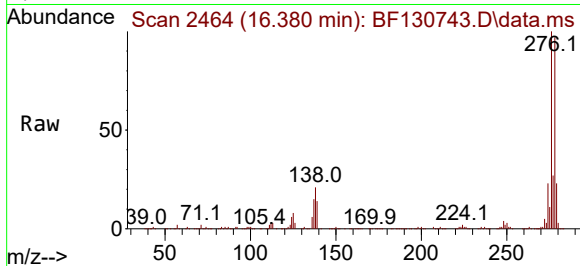




#91
Dibenzo(a,h)anthracene
Concen: 47.966 ng
RT: 16.380 min Scan# 2463
Delta R.T. 0.006 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

Instrument :
BNA_F
ClientSampleId :
PB148422BS

Tgt Ion:278 Resp: 515700
Ion Ratio Lower Upper
278 100
139 14.4 11.4 17.0
279 23.2 18.4 27.6



#92
Benzo(g,h,i)perylene
Concen: 45.913 ng
RT: 16.762 min Scan# 2529
Delta R.T. 0.006 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

Tgt Ion:276 Resp: 495070
Ion Ratio Lower Upper
276 100
277 24.0 19.1 28.7
138 17.6 14.2 21.2

