

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101222\
 Data File : BF130624.D
 Acq On : 12 Oct 2022 11:55
 Operator : CG\JU
 Sample : PB148276BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148276BS

Quant Time: Oct 13 05:42:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 12 06:52:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.587	152	87127	20.000	ng	0.00
21) Naphthalene-d8	7.875	136	347911	20.000	ng	0.00
39) Acenaphthene-d10	9.622	164	192579	20.000	ng	0.00
64) Phenanthrene-d10	11.098	188	330074	20.000	ng	0.00
76) Chrysene-d12	13.727	240	192413	20.000	ng	0.00
86) Perylene-d12	15.104	264	164335	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.199	112	686552	142.039	ng	0.01
7) Phenol-d6	6.246	99	841884	138.533	ng	0.00
23) Nitrobenzene-d5	7.163	82	537267	84.302	ng	0.00
42) 2,4,6-Tribromophenol	10.416	330	293170	155.579	ng	0.00
45) 2-Fluorobiphenyl	8.951	172	1110588	87.354	ng	0.00
79) Terphenyl-d14	12.686	244	1173541	101.228	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.228	88	76264	26.080	ng	99
3) Pyridine	2.893	79	185972	35.553	ng	97
4) n-Nitrosodimethylamine	2.852	42	116127	47.119	ng	93
6) Aniline	6.257	93	306763	42.163	ng	# 62
8) 2-Chlorophenol	6.375	128	271521	47.767	ng	98
9) Benzaldehyde	6.140	77	153755	40.270	ng	98
10) Phenol	6.257	94	324886	46.204	ng	100
11) bis(2-Chloroethyl)ether	6.334	93	242132	47.405	ng	100
12) 1,3-Dichlorobenzene	6.528	146	286156	45.978	ng	100
13) 1,4-Dichlorobenzene	6.604	146	297556	47.127	ng	99
14) 1,2-Dichlorobenzene	6.757	146	280071	47.629	ng	98
15) Benzyl Alcohol	6.745	79	202124	46.326	ng	98
16) 2,2'-oxybis(1-Chloropr...	6.875	45	302551	46.042	ng	94
17) 2-Methylphenol	6.863	107	214620	47.465	ng	96
18) Hexachloroethane	7.098	117	110011	46.056	ng	96
19) n-Nitroso-di-n-propyla...	7.016	70	181719	46.347	ng	99
20) 3+4-Methylphenols	7.016	107	272505	44.976	ng	92
22) Acetophenone	7.010	105	383405	45.939	ng	99
24) Nitrobenzene	7.181	77	273664	42.699	ng	98
25) Isophorone	7.422	82	504130	47.528	ng	99
26) 2-Nitrophenol	7.498	139	145199	46.197	ng	97
27) 2,4-Dimethylphenol	7.545	122	226126	51.619	ng	99
28) bis(2-Chloroethoxy)met...	7.634	93	305509	49.743	ng	99
29) 2,4-Dichlorophenol	7.740	162	225054	45.918	ng	98
30) 1,2,4-Trichlorobenzene	7.816	180	235830	44.632	ng	99
31) Naphthalene	7.892	128	784351	43.552	ng	100
32) Benzoic acid	7.704	122	116755	42.129	ng	98
33) 4-Chloroaniline	7.951	127	249947	35.828	ng	99
34) Hexachlorobutadiene	8.010	225	150008	45.741	ng	98
35) Caprolactam	8.334	113	36405	24.687	ng	94
36) 4-Chloro-3-methylphenol	8.451	107	248761	46.791	ng	99
37) 2-Methylnaphthalene	8.587	142	522738	46.124	ng	100
38) 1-Methylnaphthalene	8.681	142	496322	45.111	ng	99
40) 1,2,4,5-Tetrachloroben...	8.751	216	246086	47.099	ng	98
41) Hexachlorocyclopentadiene	8.734	237	228882	110.305	ng	98
43) 2,4,6-Trichlorophenol	8.869	196	153521	43.760	ng	99

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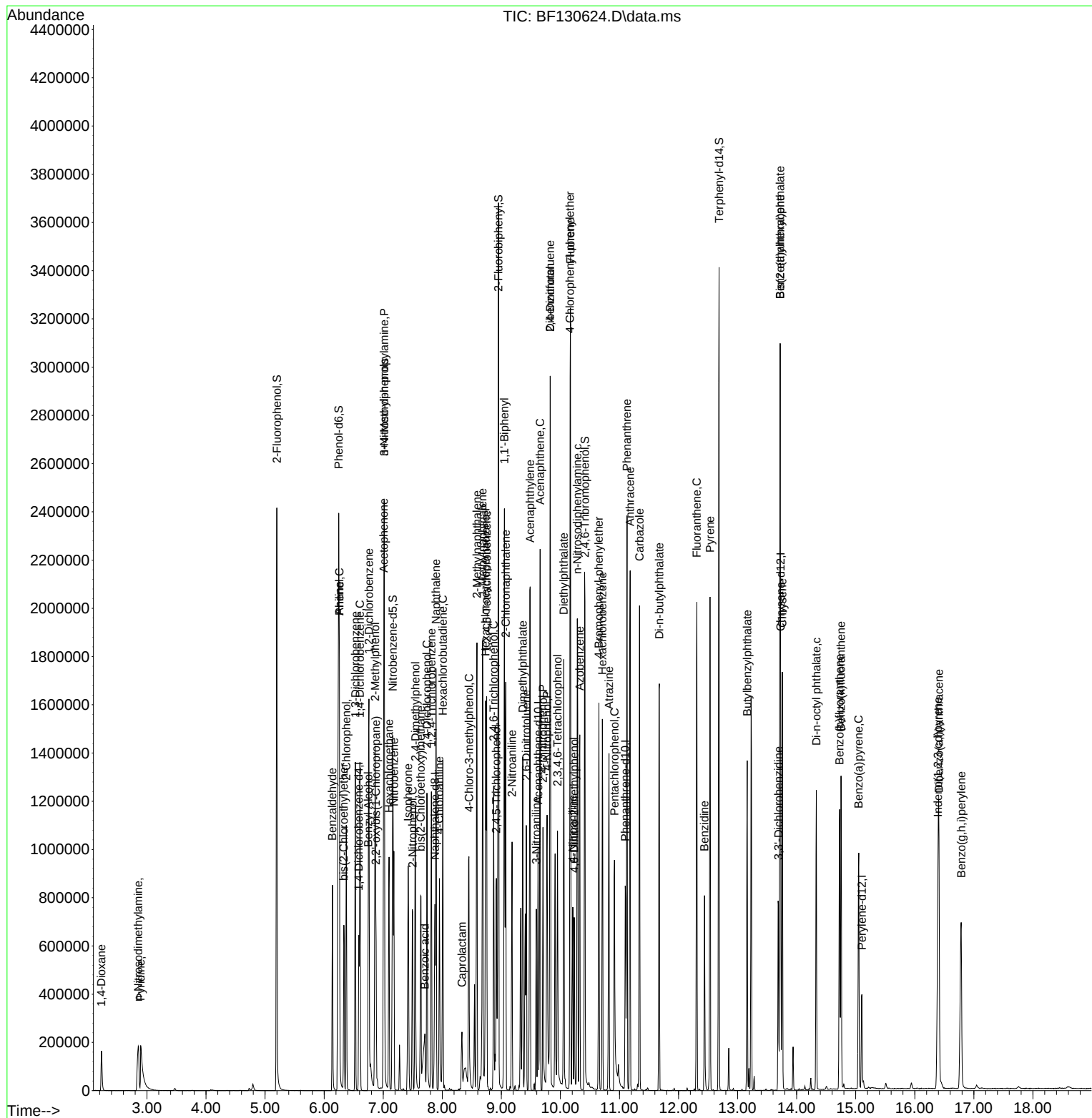
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.916	196	176605	45.776	ng	96
46) 1,1'-Biphenyl	9.051	154	651476	46.679	ng	99
47) 2-Chloronaphthalene	9.075	162	509778	44.692	ng	100
48) 2-Nitroaniline	9.181	65	153653	44.749	ng	96
49) Acenaphthylene	9.486	152	756358	44.255	ng	99
50) Dimethylphthalate	9.363	163	603097	45.241	ng	98
51) 2,6-Dinitrotoluene	9.422	165	135780	46.433	ng	95
52) Acenaphthene	9.657	154	460666	44.488	ng	98
53) 3-Nitroaniline	9.592	138	107152	33.428	ng	97
54) 2,4-Dinitrophenol	9.704	184	135330	90.147	ng	# 89
55) Dibenzofuran	9.828	168	710887	45.066	ng	100
56) 4-Nitrophenol	9.775	139	167034	94.509	ng	98
57) 2,4-Dinitrotoluene	9.828	165	176328	46.918	ng	93
58) Fluorene	10.169	166	579080	44.652	ng	100
59) 2,3,4,6-Tetrachlorophenol	9.951	232	140738	45.757	ng	99
60) Diethylphthalate	10.057	149	594584	44.703	ng	99
61) 4-Chlorophenyl-phenyle...	10.163	204	272698	46.510	ng	98
62) 4-Nitroaniline	10.210	138	126970	41.488	ng	99
63) Azobenzene	10.328	77	536918	42.859	ng	95
65) 4,6-Dinitro-2-methylph...	10.233	198	92820	44.999	ng	82
66) n-Nitrosodiphenylamine	10.286	169	493392	44.937	ng	99
67) 4-Bromophenyl-phenylether	10.651	248	179099	47.955	ng	100
68) Hexachlorobenzene	10.710	284	203790	48.270	ng	98
69) Atrazine	10.822	200	164624	55.062	ng	99
70) Pentachlorophenol	10.916	266	162385	98.826	ng	97
71) Phenanthrene	11.128	178	812738	44.443	ng	99
72) Anthracene	11.181	178	819811	45.902	ng	100
73) Carbazole	11.339	167	729409	45.769	ng	100
74) Di-n-butylphthalate	11.675	149	899283	46.583	ng	99
75) Fluoranthene	12.310	202	811656	46.180	ng	100
77) Benzidine	12.439	184	279767	57.524	ng	99
78) Pyrene	12.533	202	790028	47.593	ng	99
80) Butylbenzylphthalate	13.163	149	306825	48.069	ng	99
81) Benzo(a)anthracene	13.722	228	592358	45.689	ng	100
82) 3,3'-Dichlorobenzidine	13.692	252	172321	45.995	ng	# 98
83) Chrysene	13.757	228	556201	45.247	ng	99
84) Bis(2-ethylhexyl)phtha...	13.722	149	392374	50.706	ng	99
85) Di-n-octyl phthalate	14.333	149	582016	49.110	ng	99
87) Indeno(1,2,3-cd)pyrene	16.392	276	618875	50.315	ng	99
88) Benzo(b)fluoranthene	14.727	252	531992	51.123	ng	99
89) Benzo(k)fluoranthene	14.751	252	488812	46.133	ng	100
90) Benzo(a)pyrene	15.051	252	442582	51.102	ng	98
91) Dibenzo(a,h)anthracene	16.410	278	537633	53.325	ng	99
92) Benzo(g,h,i)perylene	16.786	276	540071	57.513	ng	97

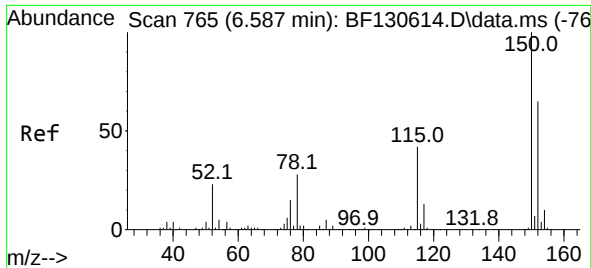
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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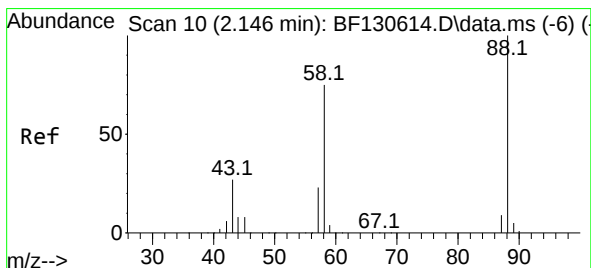
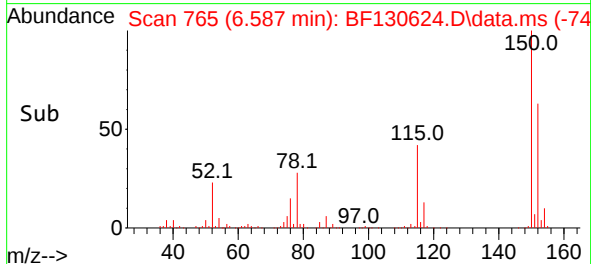
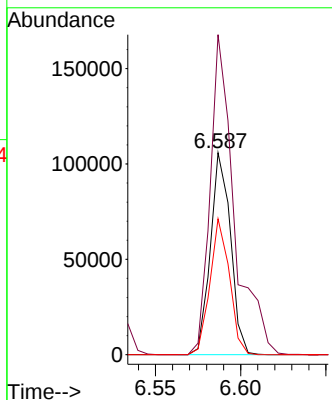
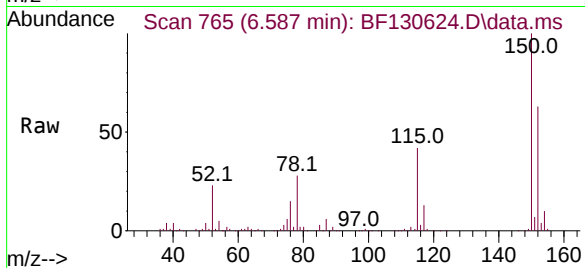




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

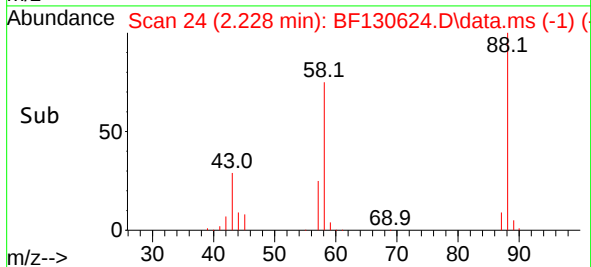
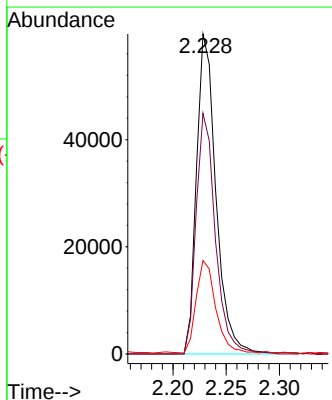
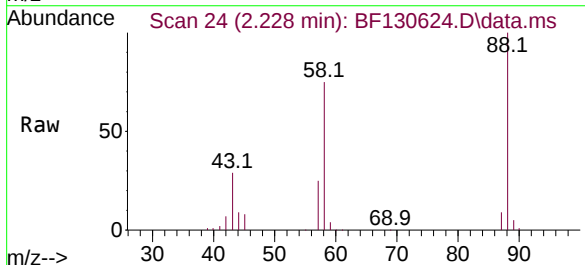
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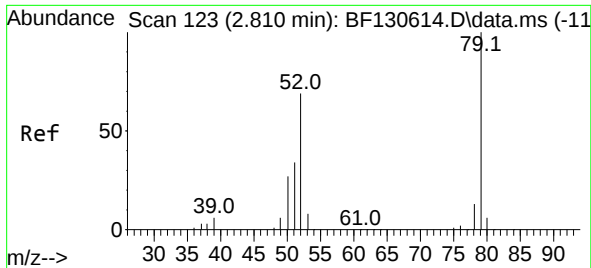
Tgt Ion:152 Resp: 87127
Ion Ratio Lower Upper
152 100
150 158.5 123.8 185.6
115 67.3 52.2 78.4



#2
1,4-Dioxane
Concen: 26.080 ng
RT: 2.228 min Scan# 24
Delta R.T. 0.083 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

Tgt Ion: 88 Resp: 76264
Ion Ratio Lower Upper
88 100
58 74.2 58.8 88.2
43 28.8 22.2 33.4

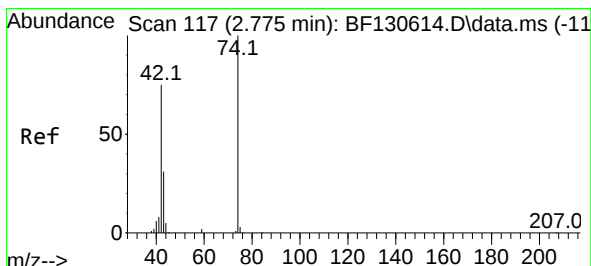
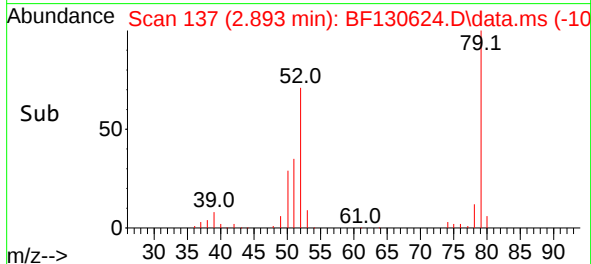
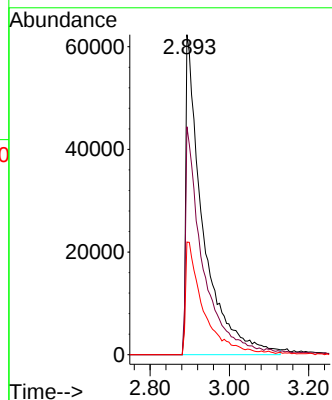
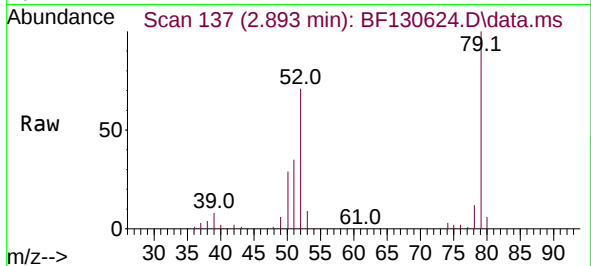




#3
Pyridine
Concen: 35.553 ng
RT: 2.893 min Scan# 11
Delta R.T. 0.083 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

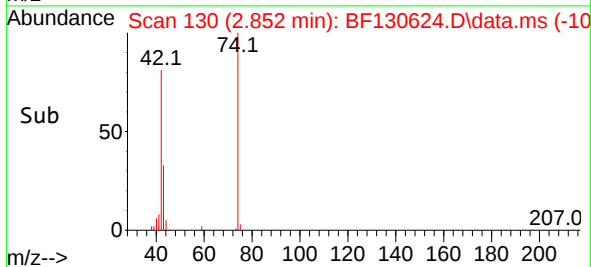
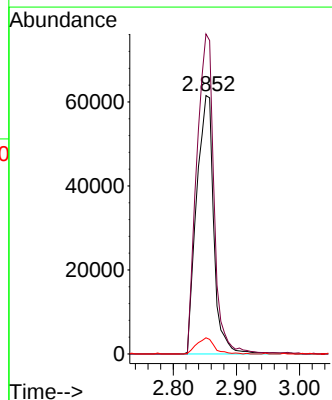
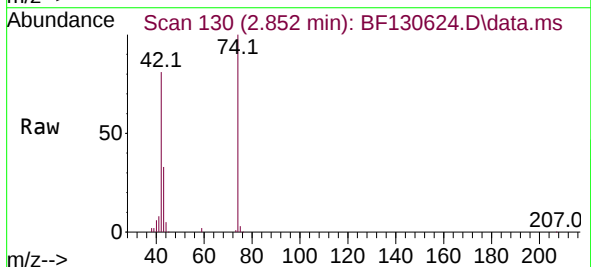
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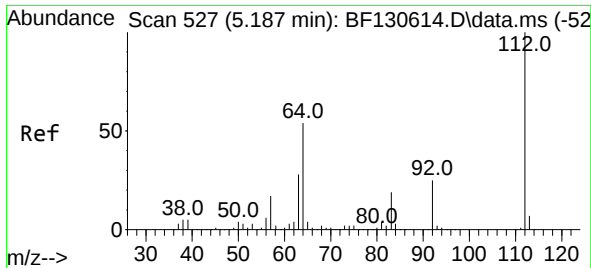
Tgt Ion: 79 Resp: 185972
Ion Ratio Lower Upper
79 100
52 71.2 54.8 82.2
51 35.2 27.4 41.2



#4
n-Nitrosodimethylamine
Concen: 47.119 ng
RT: 2.852 min Scan# 130
Delta R.T. 0.077 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

Tgt Ion: 42 Resp: 116127
Ion Ratio Lower Upper
42 100
74 123.9 106.2 159.2
44 6.2 5.0 7.4

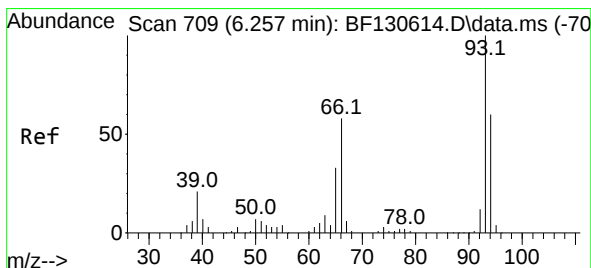
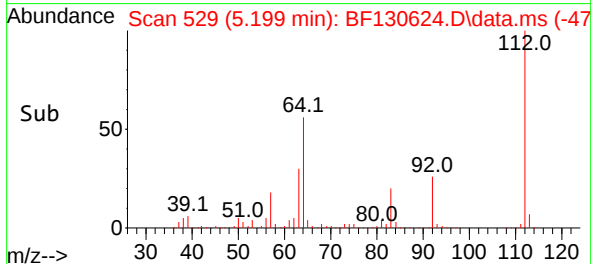
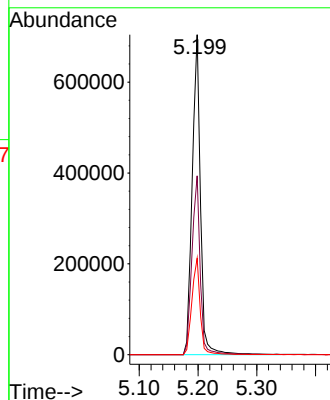
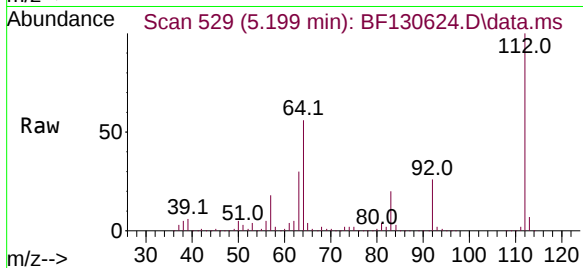




#5
2-Fluorophenol
Concen: 142.039 ng
RT: 5.199 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

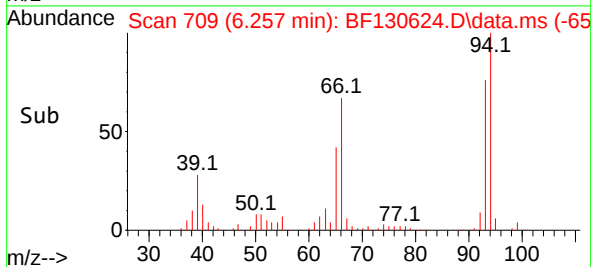
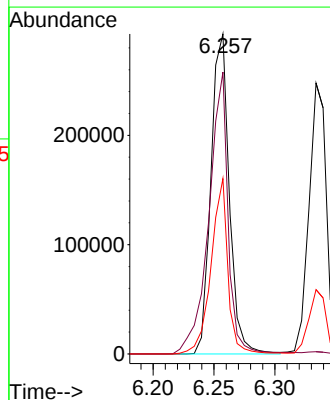
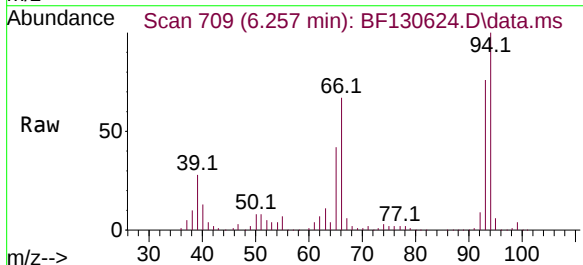
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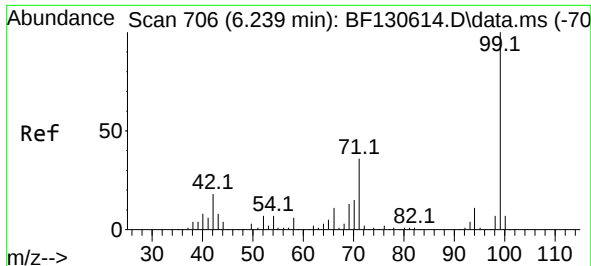
Tgt Ion:112 Resp: 686552
Ion Ratio Lower Upper
112 100
64 55.9 43.5 65.3
63 30.2 22.6 34.0



#6
Aniline
Concen: 42.163 ng
RT: 6.257 min Scan# 709
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

Tgt Ion: 93 Resp: 306763
Ion Ratio Lower Upper
93 100
66 88.1 47.4 71.0#
65 54.8 26.6 40.0#

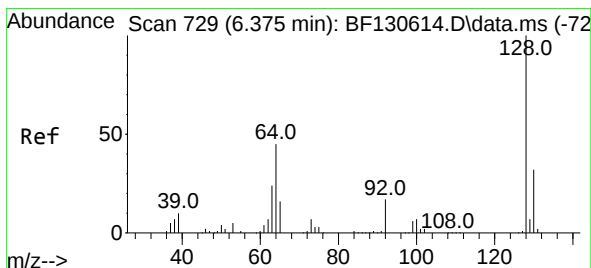
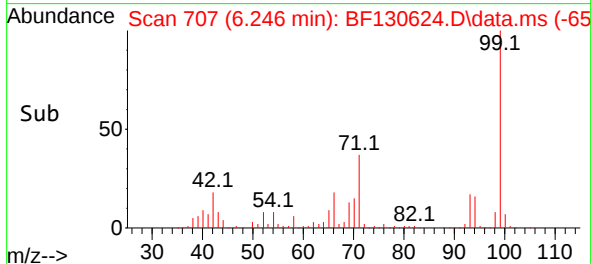
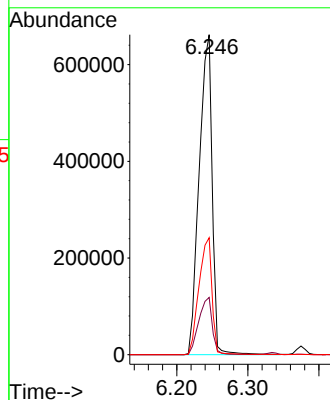
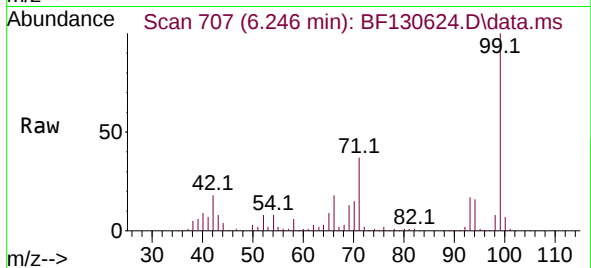




#7
Phenol-d6
Concen: 138.533 ng
RT: 6.246 min Scan# 706
Delta R.T. 0.006 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

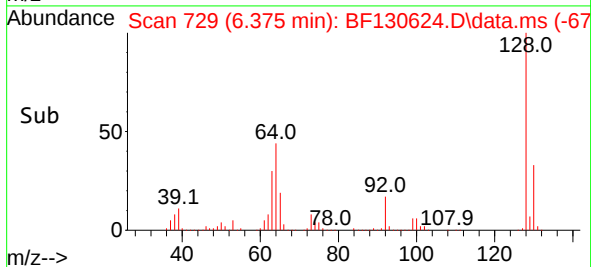
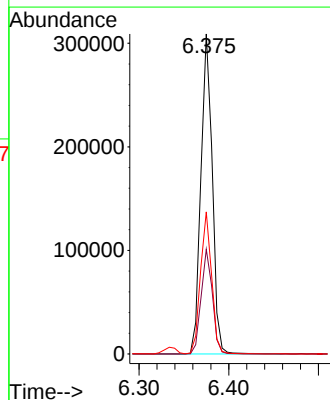
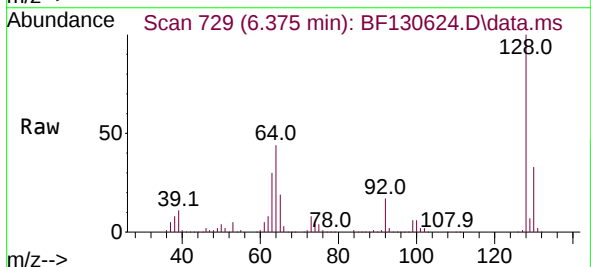
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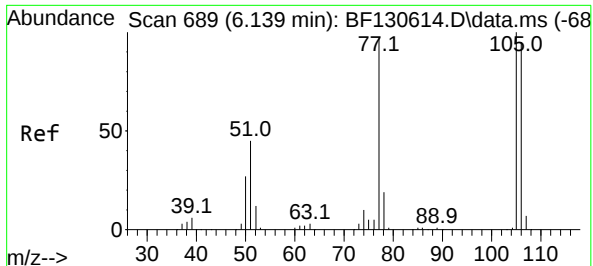
Tgt Ion: 99 Resp: 841884
Ion Ratio Lower Upper
99 100
42 17.9 14.0 21.0
71 36.6 28.8 43.2



#8
2-Chlorophenol
Concen: 47.767 ng
RT: 6.375 min Scan# 729
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

Tgt Ion: 128 Resp: 271521
Ion Ratio Lower Upper
128 100
130 32.7 12.4 52.4
64 44.4 25.9 65.9



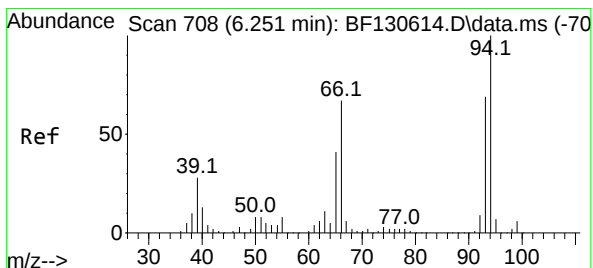
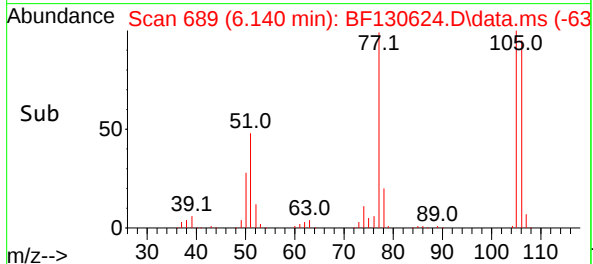
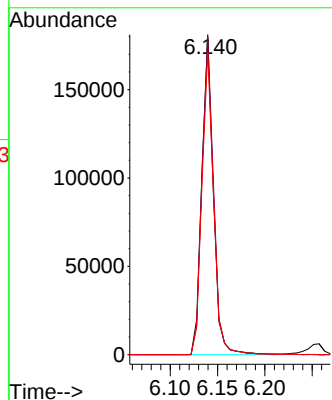
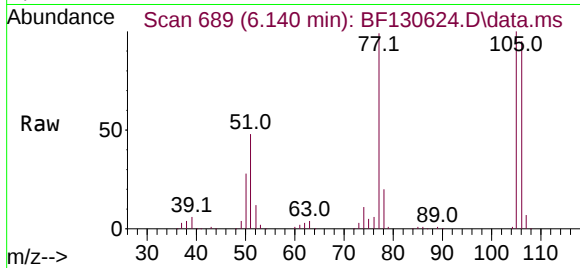


#9
Benzaldehyde
Concen: 40.270 ng
RT: 6.140 min Scan# 61
Delta R.T. 0.000 min
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Instrument :
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ClientSampleId :
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Tgt Ion: 77 Resp: 153755

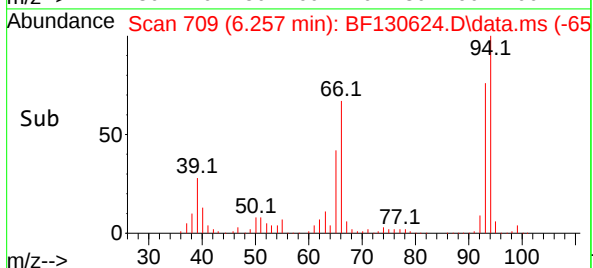
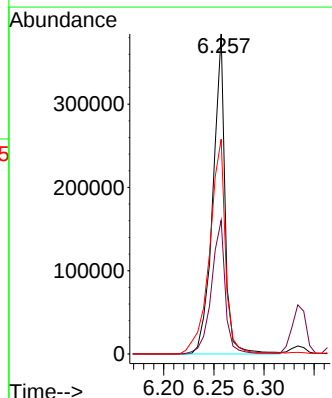
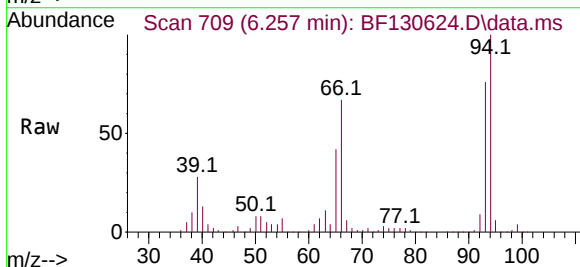
Ion	Ratio	Lower	Upper
77	100		
105	100.7	83.0	123.0
106	95.2	77.8	117.8

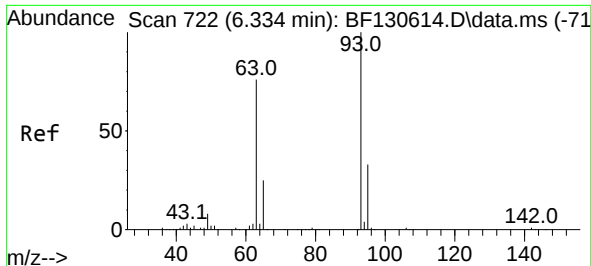


#10
Phenol
Concen: 46.204 ng
RT: 6.257 min Scan# 709
Delta R.T. 0.006 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

Tgt Ion: 94 Resp: 324886

Ion	Ratio	Lower	Upper
94	100		
65	41.7	21.2	61.2
66	67.1	46.9	86.9

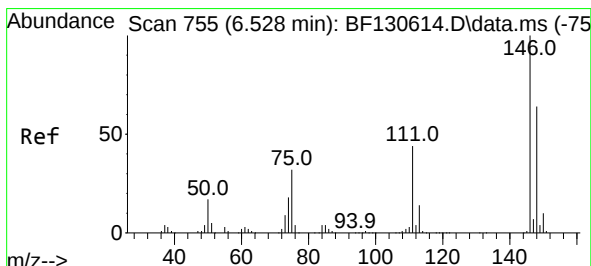
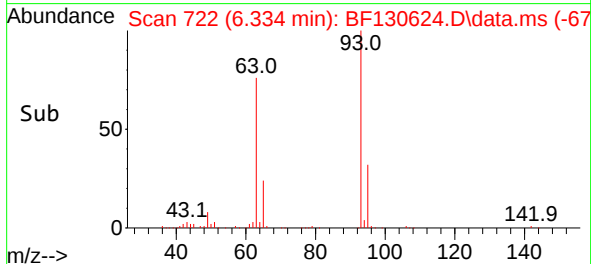
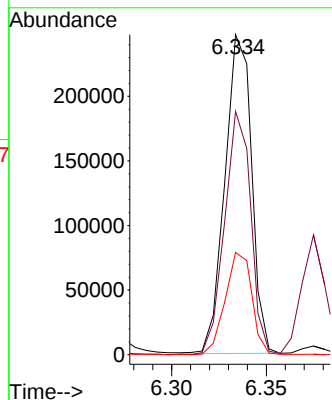
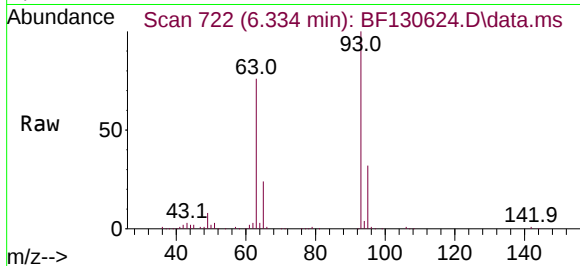




#11
bis(2-Chloroethyl)ether
Concen: 47.405 ng
RT: 6.334 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

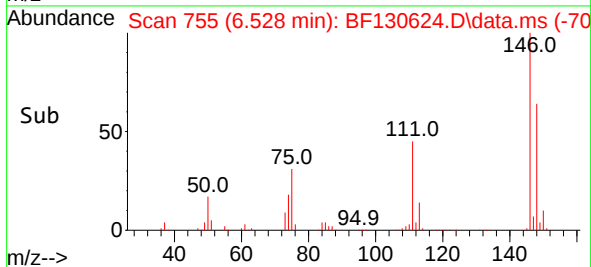
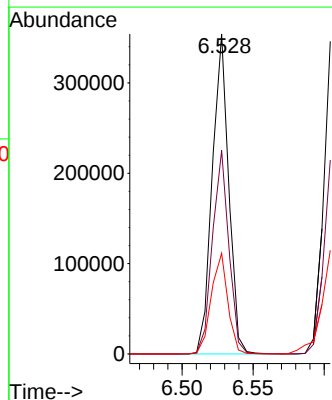
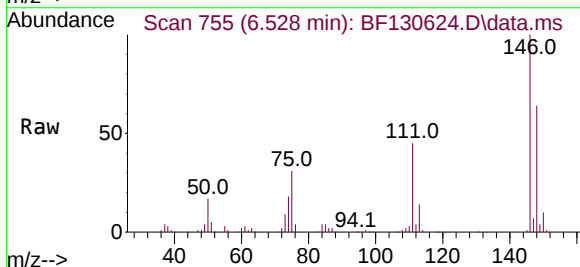
Instrument :
BNA_F
ClientSampleId :
PB148276BS

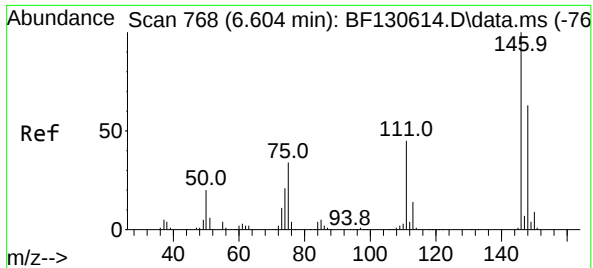
Tgt Ion: 93 Resp: 242132
Ion Ratio Lower Upper
93 100
63 76.0 56.1 96.1
95 32.0 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 45.978 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

Tgt Ion:146 Resp: 286156
Ion Ratio Lower Upper
146 100
148 63.6 51.3 76.9
75 31.5 25.2 37.8





#13

1,4-Dichlorobenzene

Concen: 47.127 ng

RT: 6.604 min Scan# 768

Delta R.T. 0.000 min

Lab File: BF130624.D

Acq: 12 Oct 2022 11:55

Instrument :

BNA_F

ClientSampleId :

PB148276BS

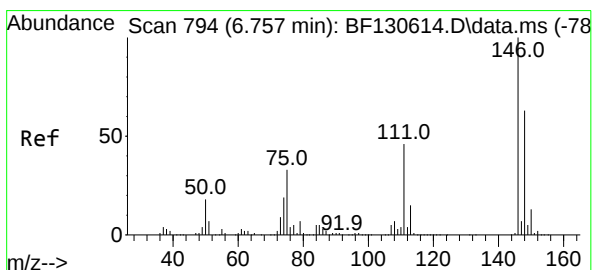
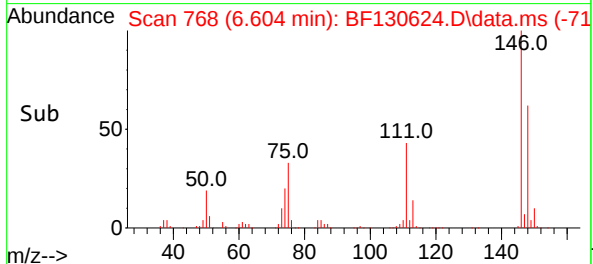
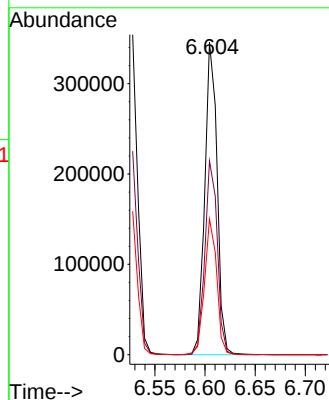
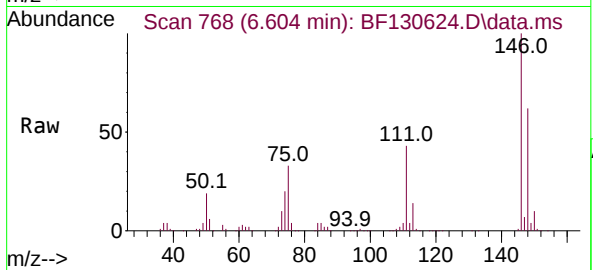
Tgt Ion:146 Resp: 297556

Ion Ratio Lower Upper

146 100

148 62.0 50.1 75.1

111 43.4 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 47.629 ng

RT: 6.757 min Scan# 794

Delta R.T. 0.000 min

Lab File: BF130624.D

Acq: 12 Oct 2022 11:55

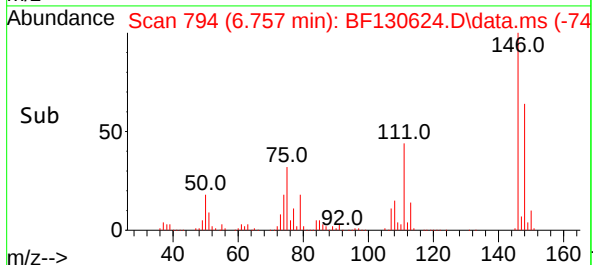
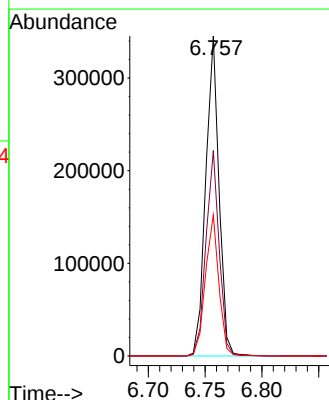
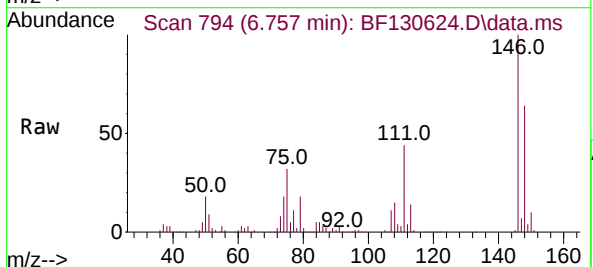
Tgt Ion:146 Resp: 280071

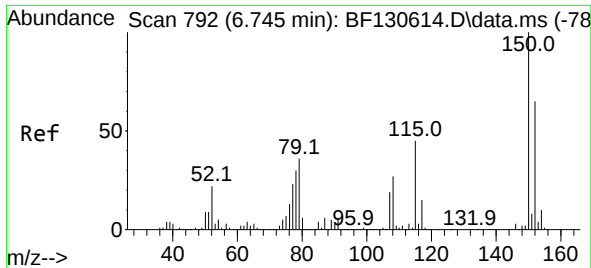
Ion Ratio Lower Upper

146 100

148 64.2 50.5 75.7

111 44.1 37.2 55.8

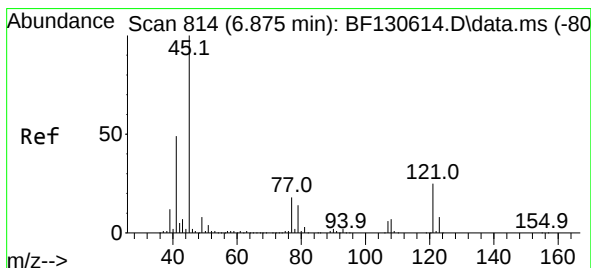
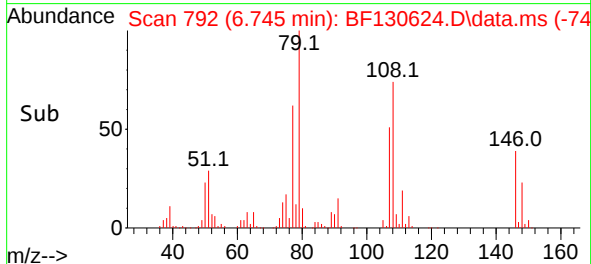
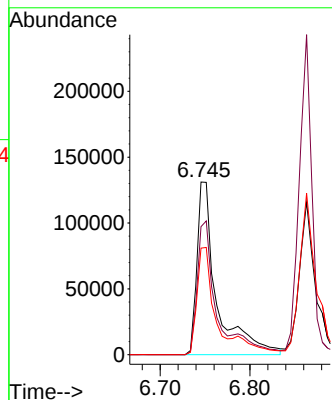
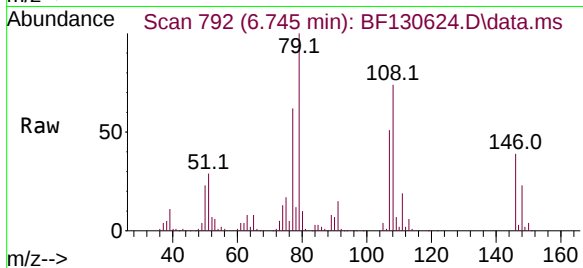




#15
Benzyl Alcohol
Concen: 46.326 ng
RT: 6.745 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

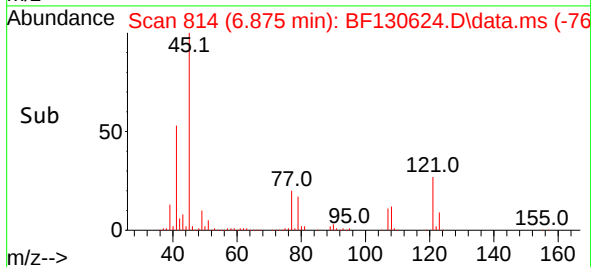
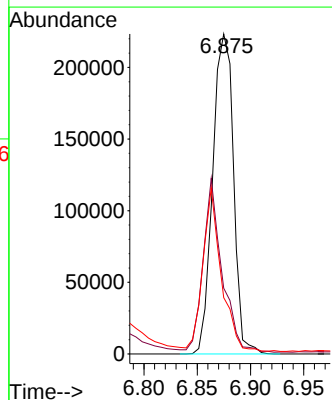
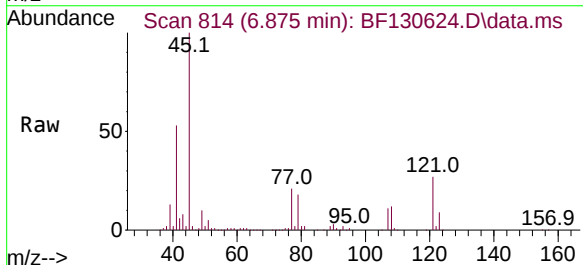
Instrument :
BNA_F
ClientSampleId :
PB148276BS

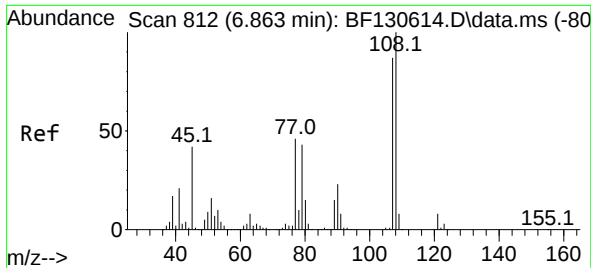
Tgt Ion: 79 Resp: 202124
Ion Ratio Lower Upper
79 100
108 74.1 59.7 89.5
77 61.8 51.8 77.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.042 ng
RT: 6.875 min Scan# 814
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

Tgt Ion: 45 Resp: 302551
Ion Ratio Lower Upper
45 100
77 20.5 0.0 38.7
79 17.6 0.0 34.6

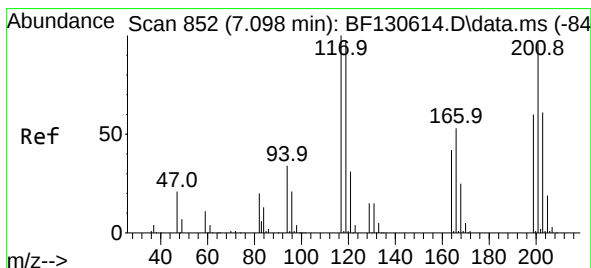
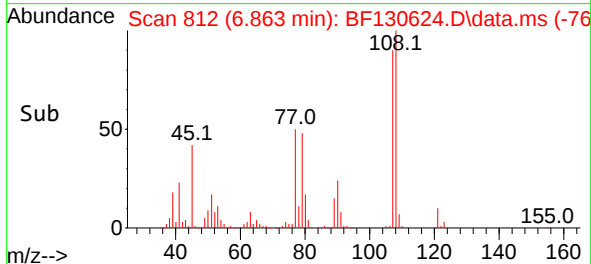
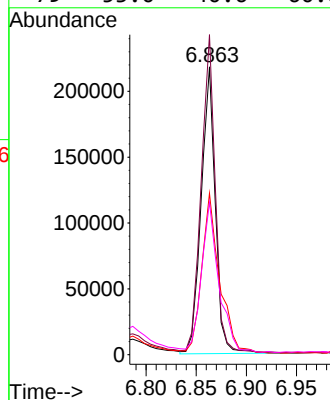
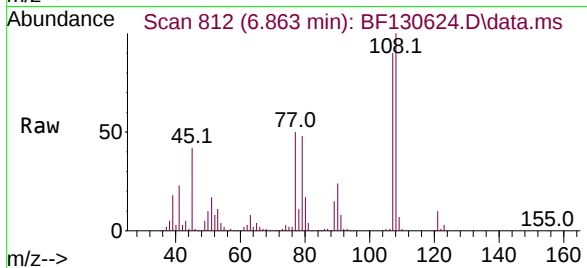




#17
2-Methylphenol
Concen: 47.465 ng
RT: 6.863 min Scan# 812
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

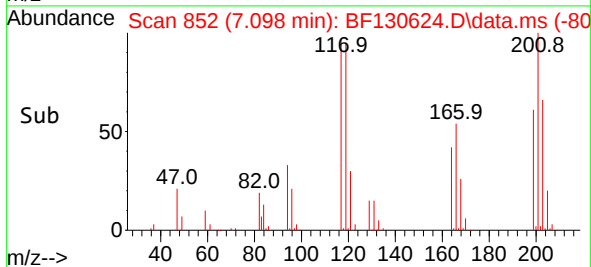
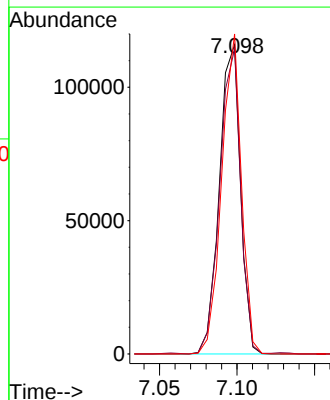
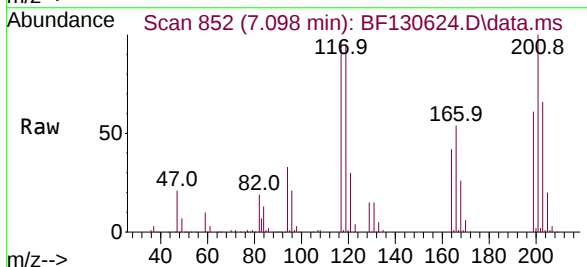
Instrument :
BNA_F
ClientSampleId :
PB148276BS

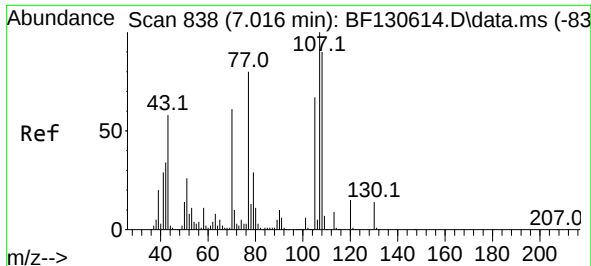
Tgt Ion:	107	Resp:	214620
Ion	Ratio	Lower	Upper
107	100		
108	111.2	92.2	138.2
77	56.1	42.7	64.1
79	53.0	40.6	60.8



#18
Hexachloroethane
Concen: 46.056 ng
RT: 7.098 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

Tgt Ion:	117	Resp:	110011
Ion	Ratio	Lower	Upper
117	100		
119	98.6	77.6	116.4
201	103.5	77.0	115.6





#19

n-Nitroso-di-n-propylamine

Concen: 46.347 ng

RT: 7.016 min Scan# 838

Delta R.T. 0.000 min

Lab File: BF130624.D

Acq: 12 Oct 2022 11:55

Instrument :

BNA_F

ClientSampleId :

PB148276BS

Tgt Ion: 70 Resp: 181719

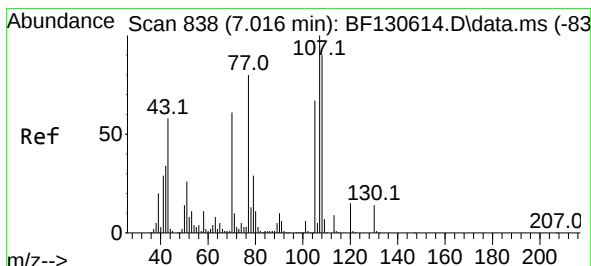
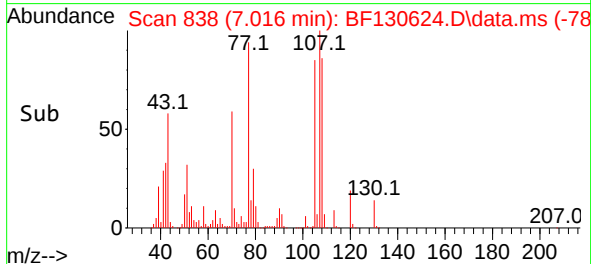
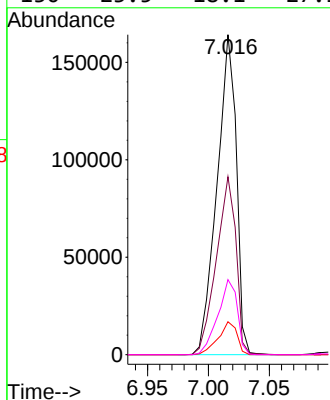
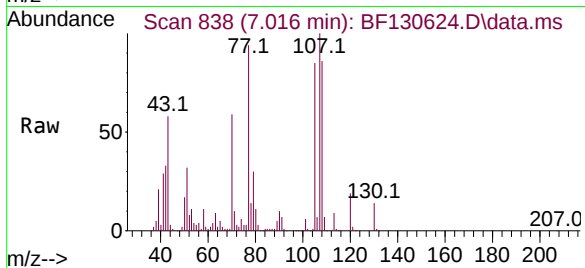
Ion Ratio Lower Upper

70 100

42 55.6 44.3 66.5

101 10.3 7.9 11.9

130 23.5 18.1 27.1



#20

3+4-Methylphenols

Concen: 44.976 ng

RT: 7.016 min Scan# 838

Delta R.T. 0.000 min

Lab File: BF130624.D

Acq: 12 Oct 2022 11:55

Tgt Ion:107 Resp: 272505

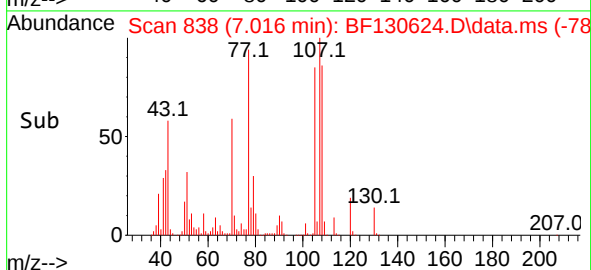
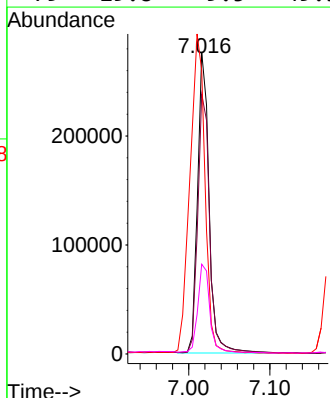
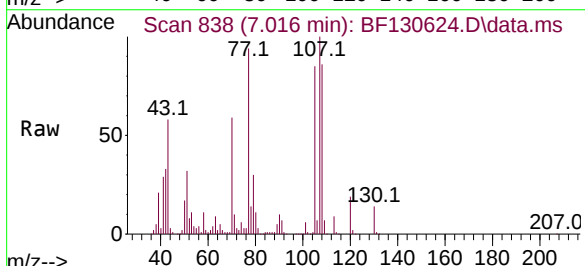
Ion Ratio Lower Upper

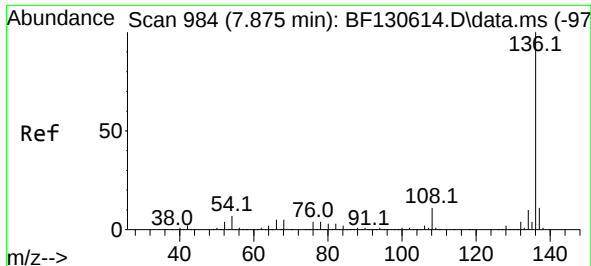
107 100

108 86.2 69.7 109.7

77 94.1 59.7 99.7

79 29.8 9.5 49.5

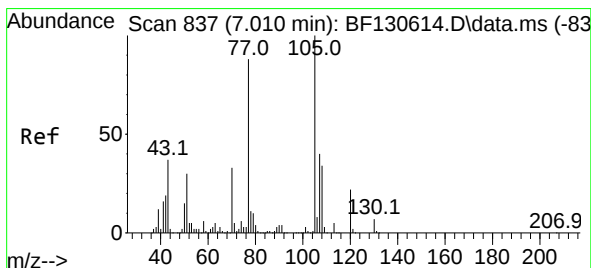
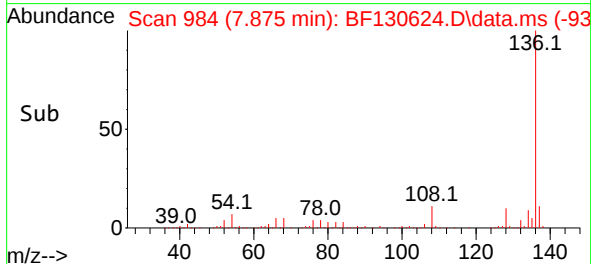
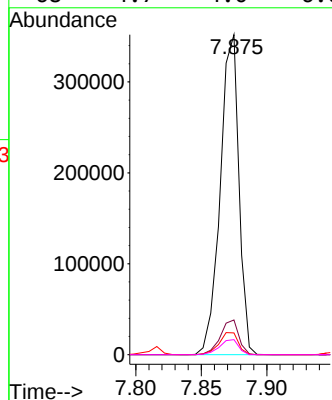
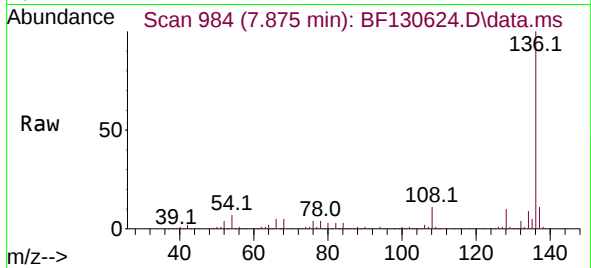




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.875 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

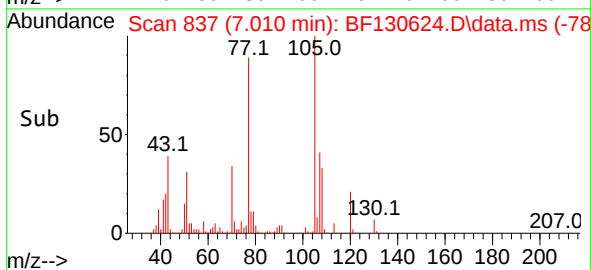
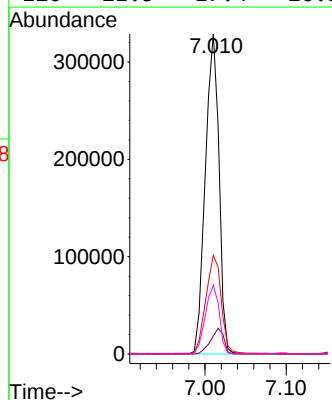
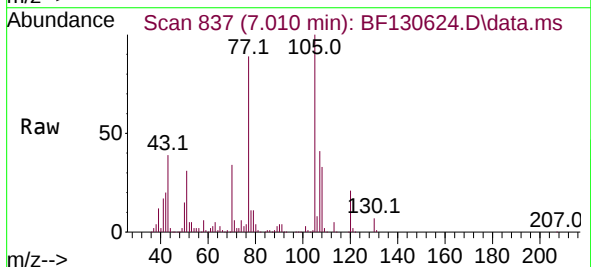
Instrument :
BNA_F
ClientSampleId :
PB148276BS

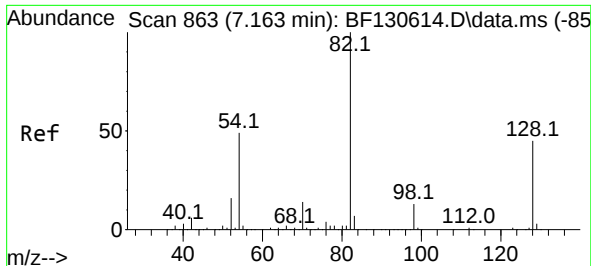
Tgt Ion:136 Resp: 347911
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 6.8 5.5 8.3
68 4.7 4.0 6.0



#22
Acetophenone
Concen: 45.939 ng
RT: 7.010 min Scan# 837
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

Tgt Ion:105 Resp: 383405
Ion Ratio Lower Upper
105 100
71 5.6 4.2 6.4
51 30.9 24.3 36.5
120 21.5 17.4 26.2

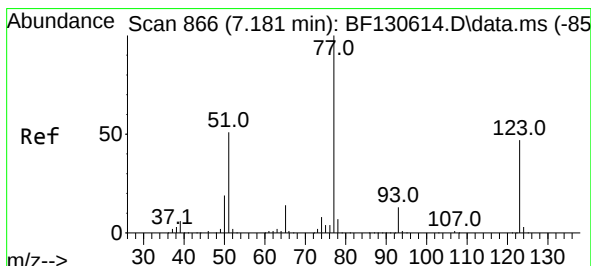
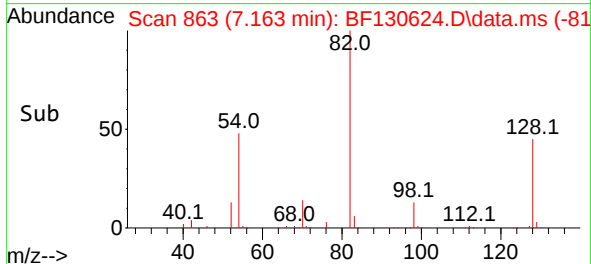
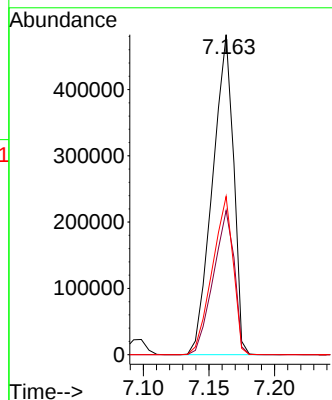
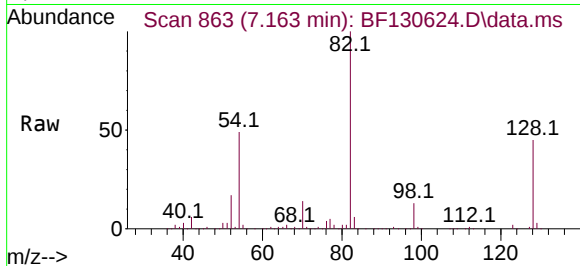




#23
Nitrobenzene-d5
Concen: 84.302 ng
RT: 7.163 min Scan# 863
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

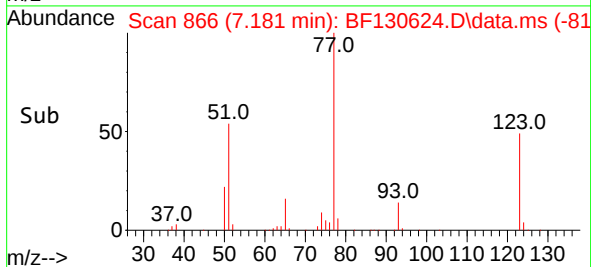
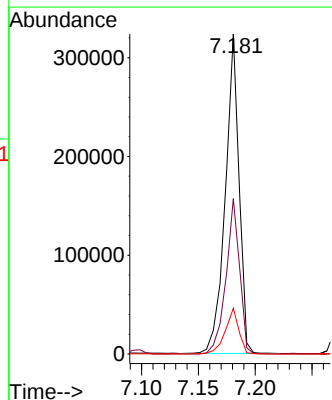
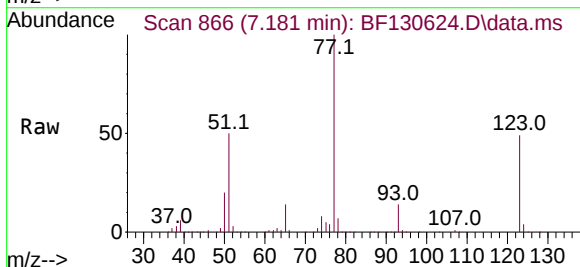
Instrument :
BNA_F
ClientSampleId :
PB148276BS

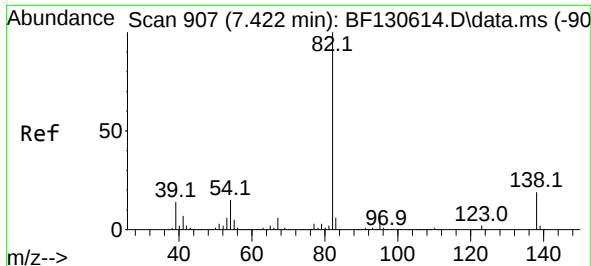
Tgt Ion: 82 Resp: 537267
Ion Ratio Lower Upper
82 100
128 45.1 35.8 53.6
54 49.4 39.3 58.9



#24
Nitrobenzene
Concen: 42.699 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

Tgt Ion: 77 Resp: 273664
Ion Ratio Lower Upper
77 100
123 48.6 37.5 56.3
65 14.3 11.0 16.4

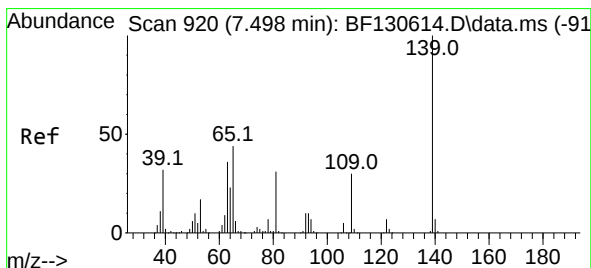
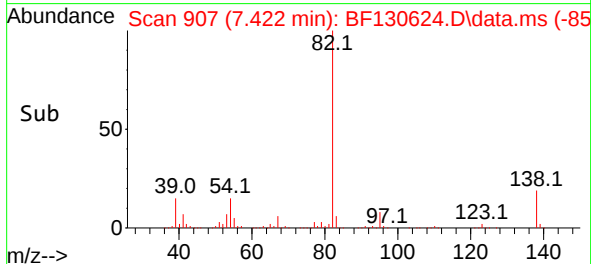
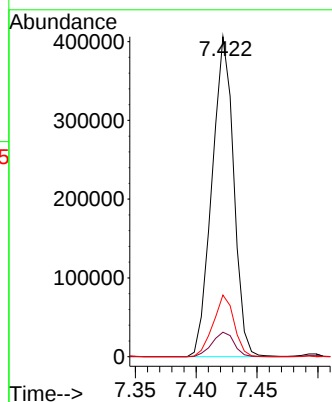
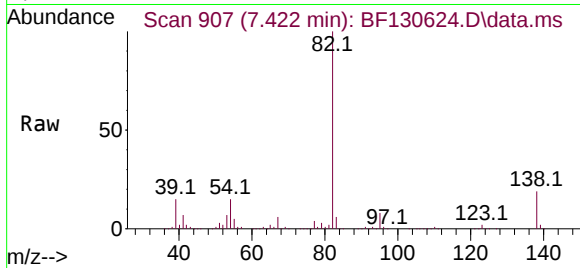




#25
Isophorone
Concen: 47.528 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

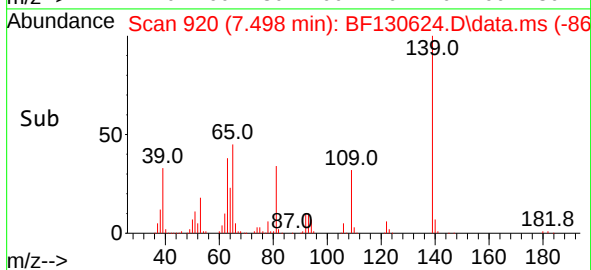
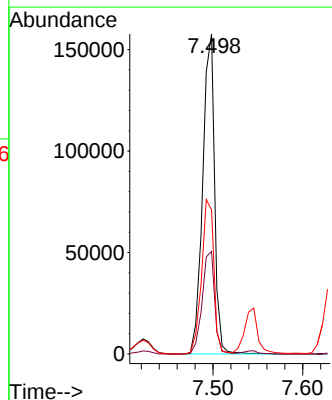
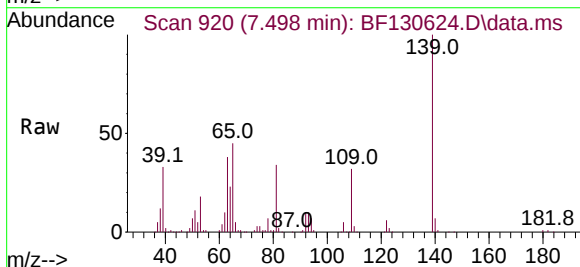
Instrument :
BNA_F
ClientSampleId :
PB148276BS

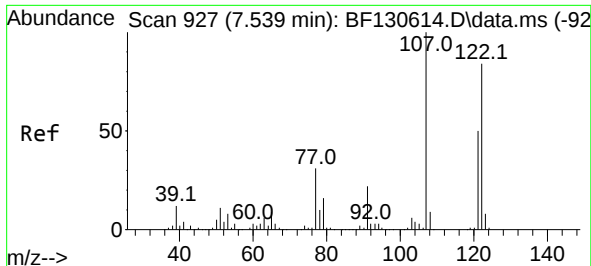
Tgt Ion: 82 Resp: 504130
Ion Ratio Lower Upper
82 100
95 7.7 6.1 9.1
138 19.3 14.9 22.3



#26
2-Nitrophenol
Concen: 46.197 ng
RT: 7.498 min Scan# 920
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

Tgt Ion:139 Resp: 145199
Ion Ratio Lower Upper
139 100
109 32.1 23.9 35.9
65 45.0 34.9 52.3





#27

2,4-Dimethylphenol

Concen: 51.619 ng

RT: 7.545 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF130624.D

Acq: 12 Oct 2022 11:55

Instrument :

BNA_F

ClientSampleId :

PB148276BS

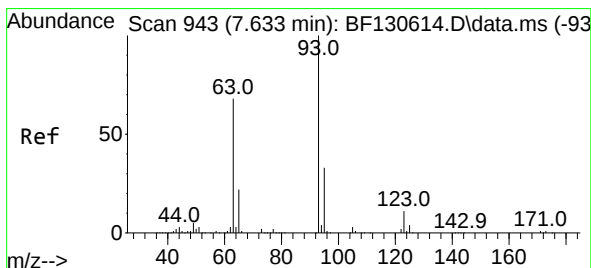
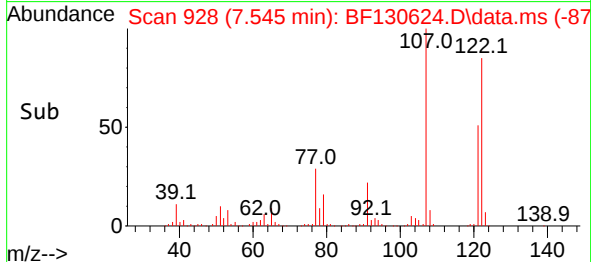
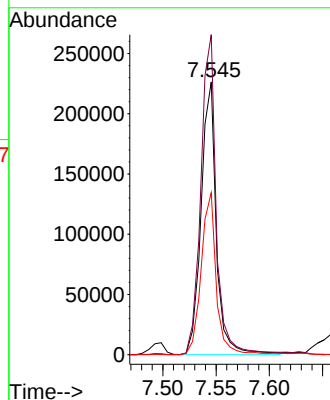
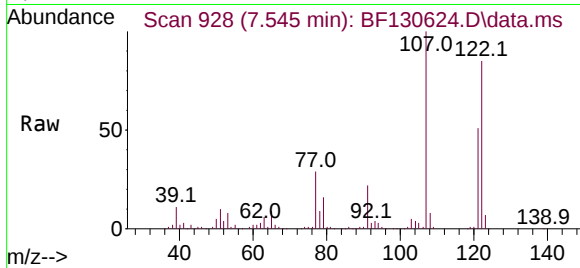
Tgt Ion:122 Resp: 226126

Ion Ratio Lower Upper

122 100

107 117.3 94.9 142.3

121 59.4 47.1 70.7



#28

bis(2-Chloroethoxy)methane

Concen: 49.743 ng

RT: 7.634 min Scan# 943

Delta R.T. 0.001 min

Lab File: BF130624.D

Acq: 12 Oct 2022 11:55

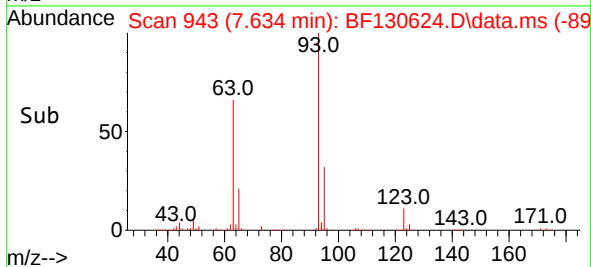
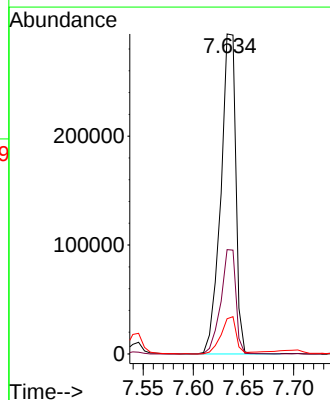
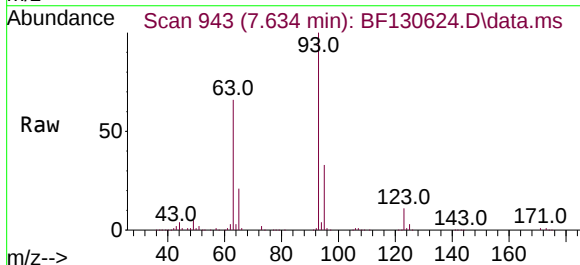
Tgt Ion: 93 Resp: 305509

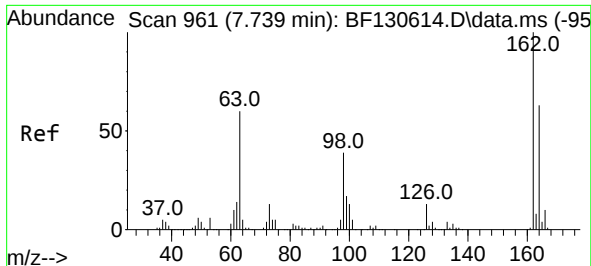
Ion Ratio Lower Upper

93 100

95 32.6 26.4 39.6

123 11.0 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 45.918 ng

RT: 7.740 min Scan# 961

Delta R.T. 0.001 min

Lab File: BF130624.D

Acq: 12 Oct 2022 11:55

Instrument :

BNA_F

ClientSampleId :

PB148276BS

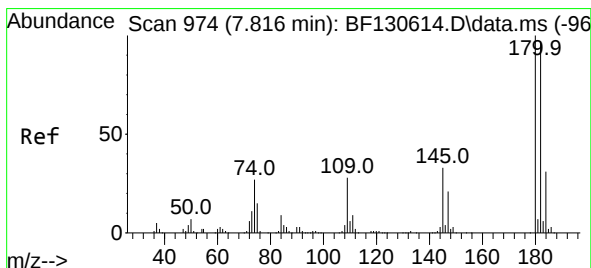
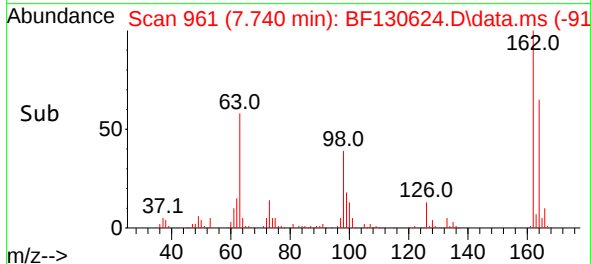
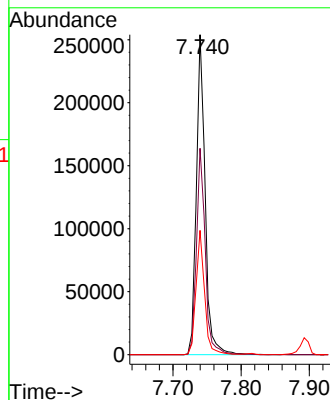
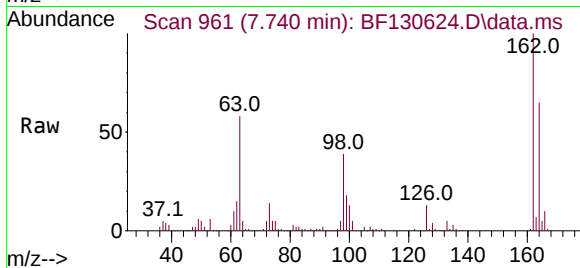
Tgt Ion:162 Resp: 225054

Ion Ratio Lower Upper

162 100

164 64.5 42.8 82.8

98 38.8 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 44.632 ng

RT: 7.816 min Scan# 974

Delta R.T. 0.000 min

Lab File: BF130624.D

Acq: 12 Oct 2022 11:55

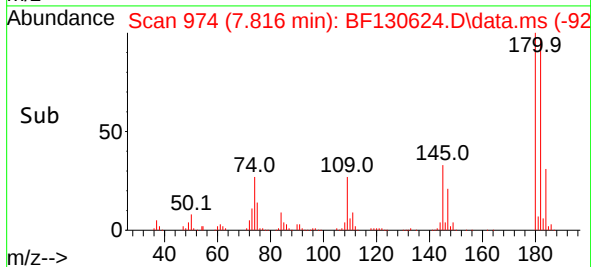
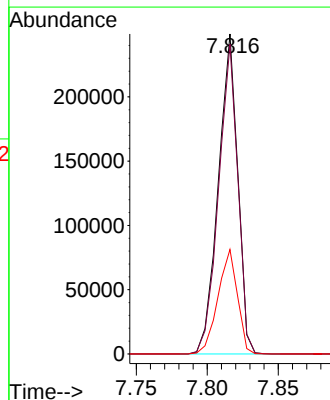
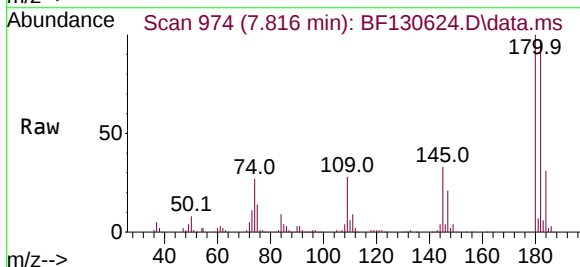
Tgt Ion:180 Resp: 235830

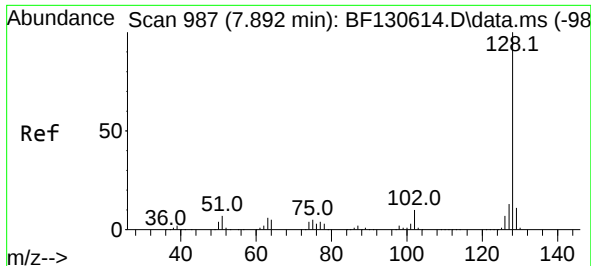
Ion Ratio Lower Upper

180 100

182 96.8 78.0 117.0

145 32.7 26.7 40.1

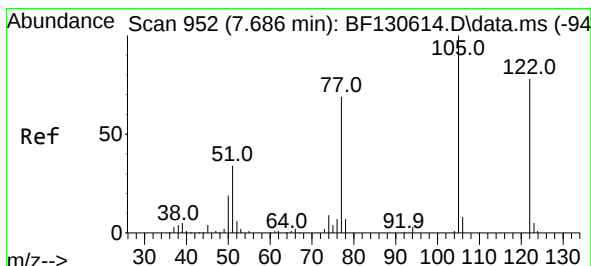
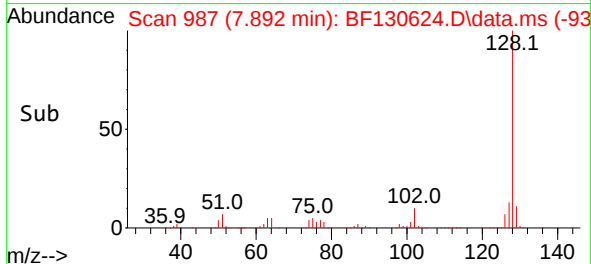
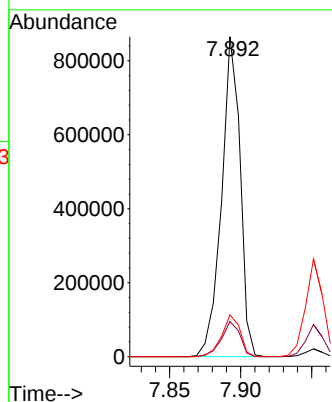
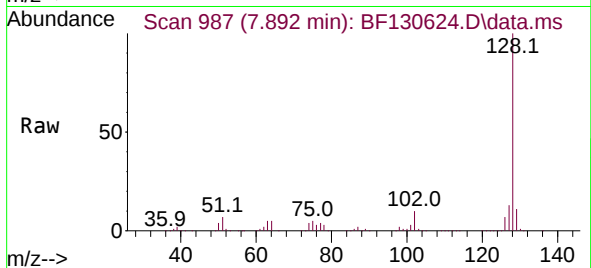




#31
Naphthalene
Concen: 43.552 ng
RT: 7.892 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

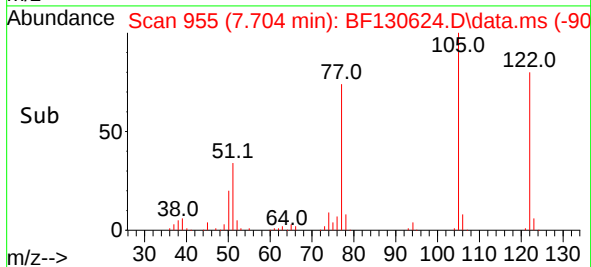
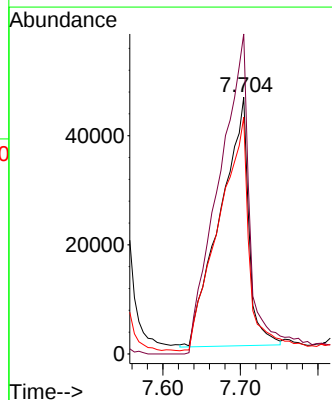
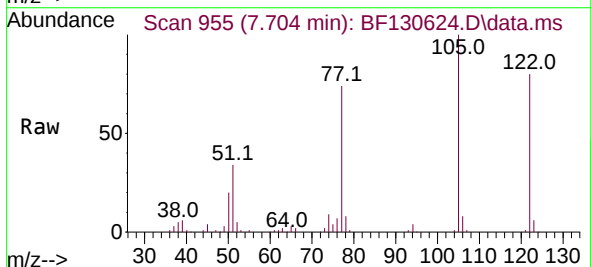
Instrument :
BNA_F
ClientSampleId :
PB148276BS

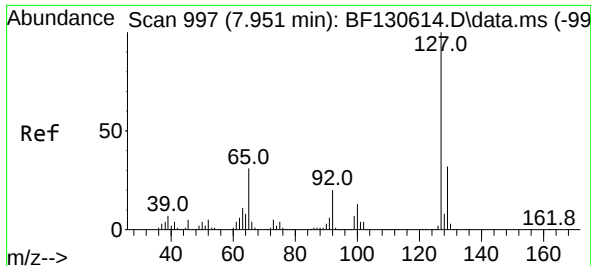
Tgt Ion:128 Resp: 784351
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.1 10.3 15.5



#32
Benzoic acid
Concen: 42.129 ng
RT: 7.704 min Scan# 955
Delta R.T. 0.018 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

Tgt Ion:122 Resp: 116755
Ion Ratio Lower Upper
122 100
105 124.7 104.8 144.8
77 92.2 68.2 108.2

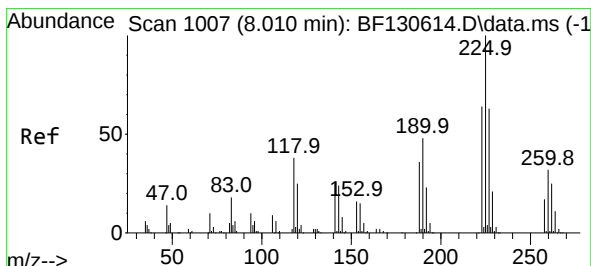
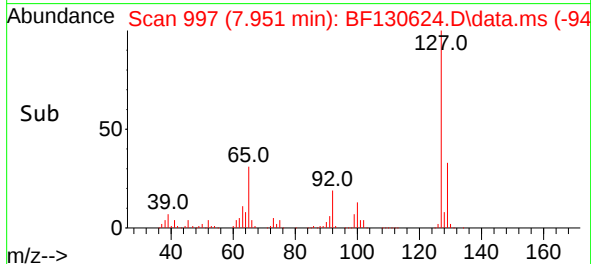
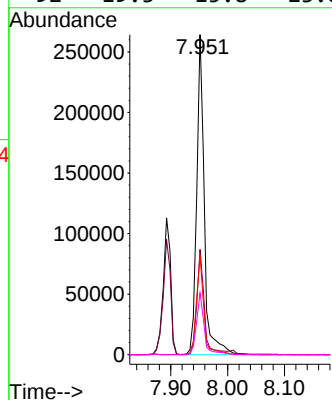
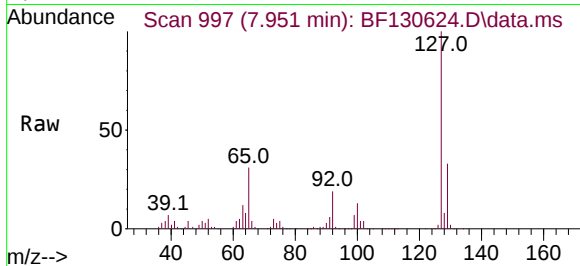




#33
4-Chloroaniline
Concen: 35.828 ng
RT: 7.951 min Scan# 997
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

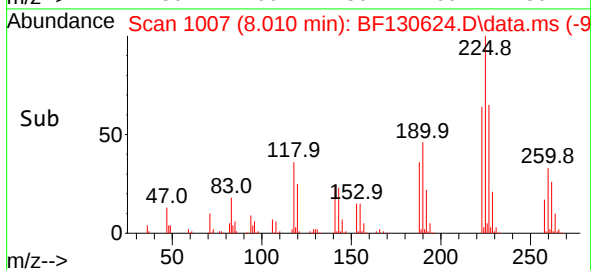
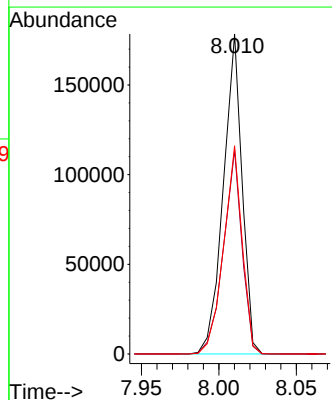
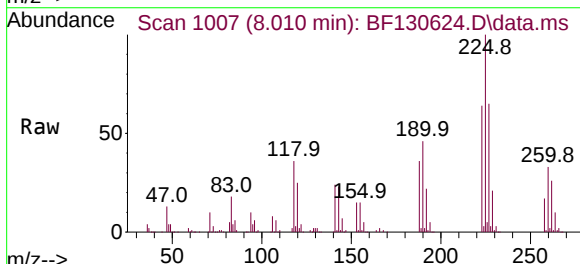
Instrument :
BNA_F
ClientSampleId :
PB148276BS

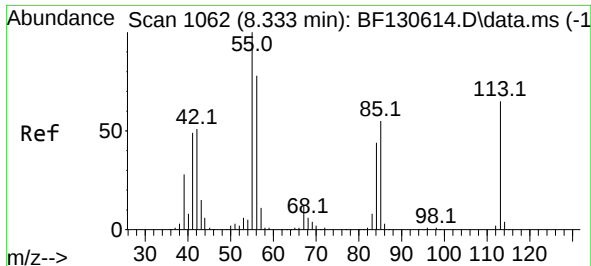
Tgt Ion:	127	Resp:	249947
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.7	38.5
65	31.1	24.7	37.1
92	19.3	15.8	23.8



#34
Hexachlorobutadiene
Concen: 45.741 ng
RT: 8.010 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

Tgt Ion:	225	Resp:	150008
Ion	Ratio	Lower	Upper
225	100		
223	63.7	51.5	77.3
227	65.0	50.4	75.6

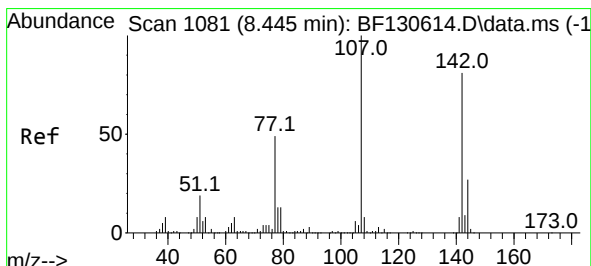
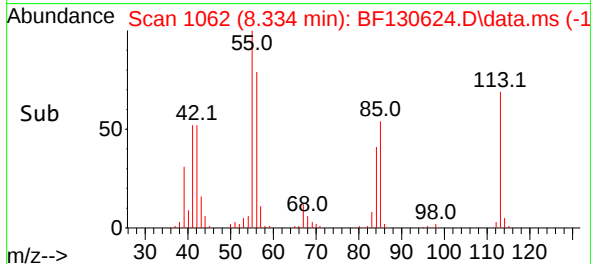
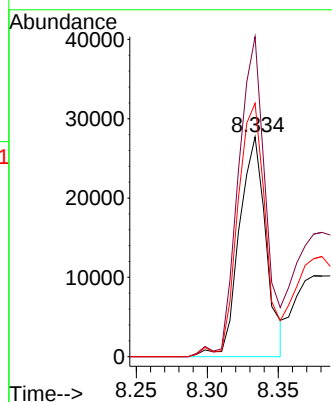
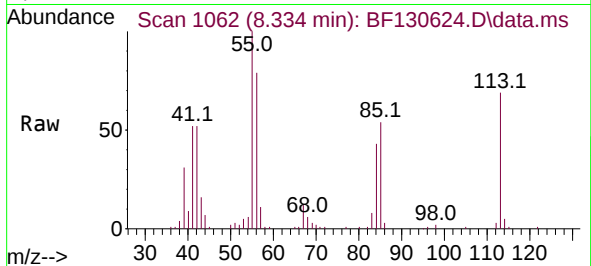




#35
 Caprolactam
 Concen: 24.687 ng
 RT: 8.334 min Scan# 1062
 Delta R.T. 0.000 min
 Lab File: BF130624.D
 Acq: 12 Oct 2022 11:55

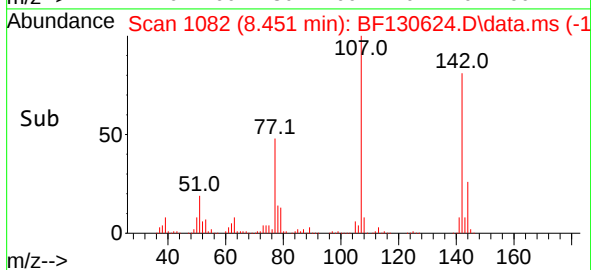
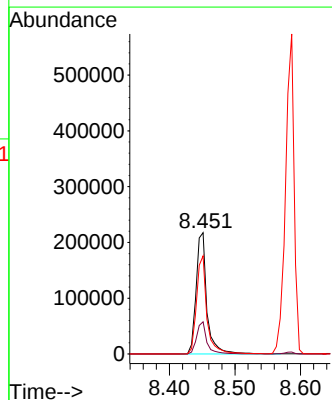
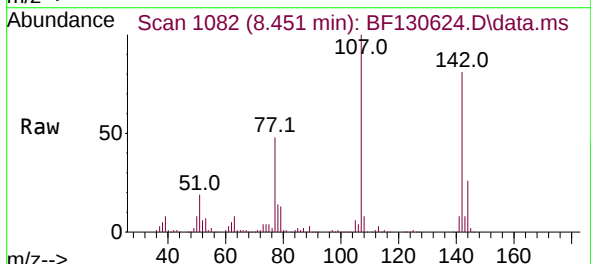
Instrument :
 BNA_F
 ClientSampleId :
 PB148276BS

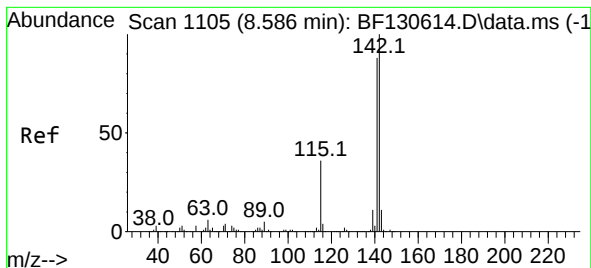
Tgt Ion:113 Resp: 36405
 Ion Ratio Lower Upper
 113 100
 55 145.5 134.3 174.3
 56 115.3 101.0 141.0



#36
 4-Chloro-3-methylphenol
 Concen: 46.791 ng
 RT: 8.451 min Scan# 1082
 Delta R.T. 0.006 min
 Lab File: BF130624.D
 Acq: 12 Oct 2022 11:55

Tgt Ion:107 Resp: 248761
 Ion Ratio Lower Upper
 107 100
 144 26.5 21.9 32.9
 142 80.9 64.6 96.8





#37

2-Methylnaphthalene

Concen: 46.124 ng

RT: 8.587 min Scan# 1105

Delta R.T. 0.000 min

Lab File: BF130624.D

Acq: 12 Oct 2022 11:55

Instrument :

BNA_F

ClientSampleId :

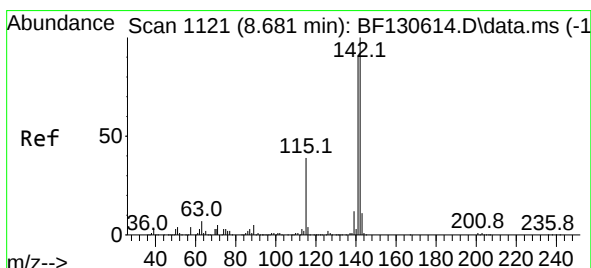
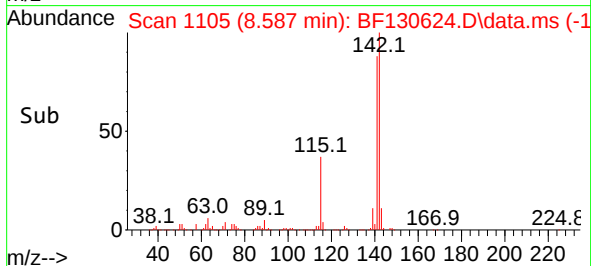
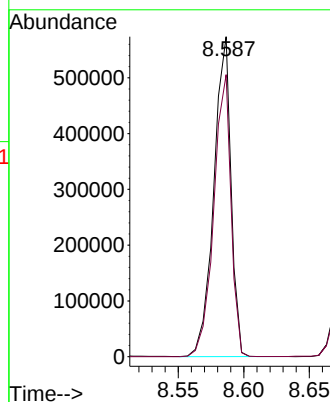
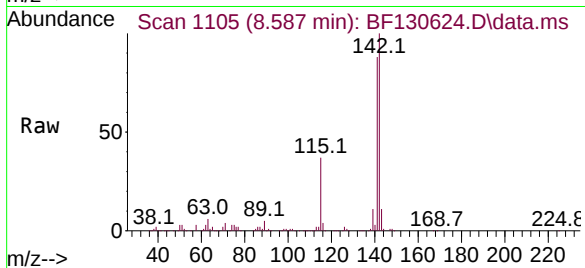
PB148276BS

Tgt Ion:142 Resp: 522738

Ion Ratio Lower Upper

142 100

141 88.2 70.7 106.1



#38

1-Methylnaphthalene

Concen: 45.111 ng

RT: 8.681 min Scan# 1121

Delta R.T. 0.000 min

Lab File: BF130624.D

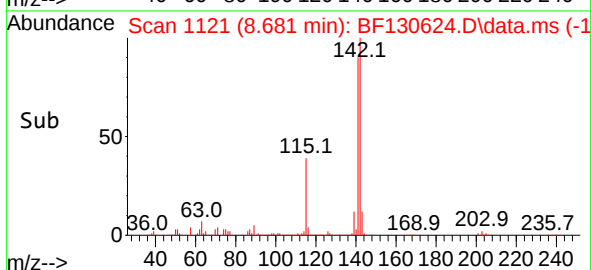
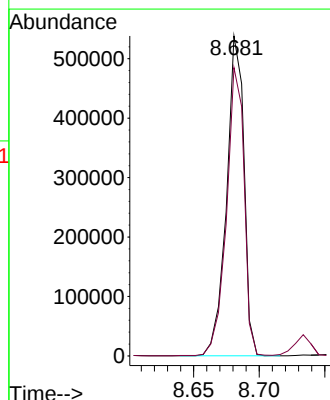
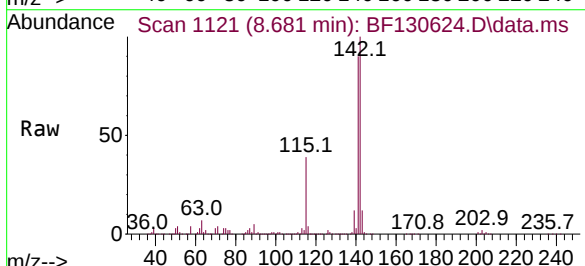
Acq: 12 Oct 2022 11:55

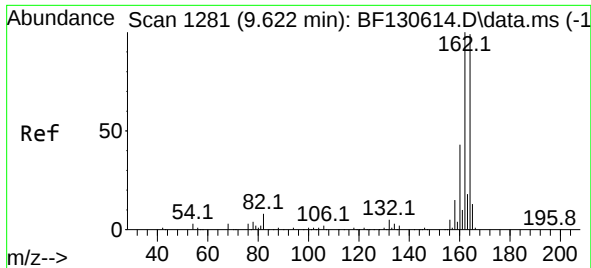
Tgt Ion:142 Resp: 496322

Ion Ratio Lower Upper

142 100

141 90.1 72.6 108.8

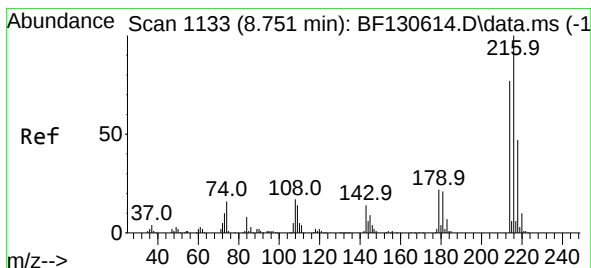
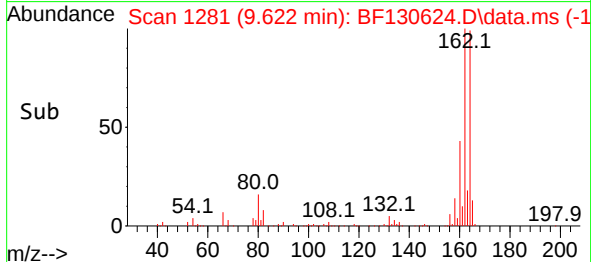
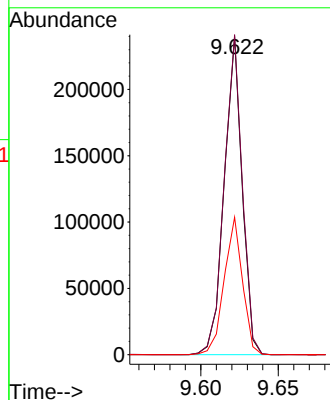
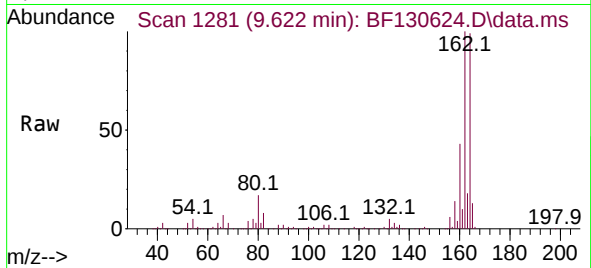




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.622 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

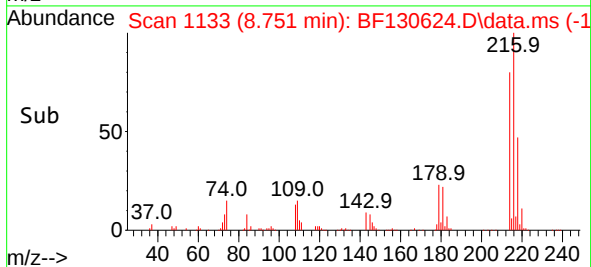
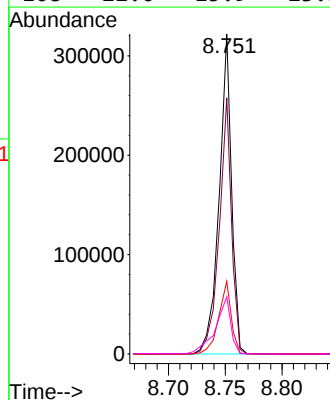
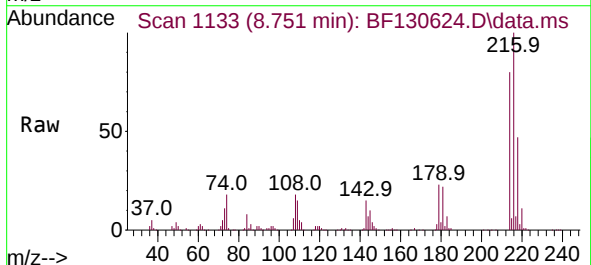
Instrument :
BNA_F
ClientSampleId :
PB148276BS

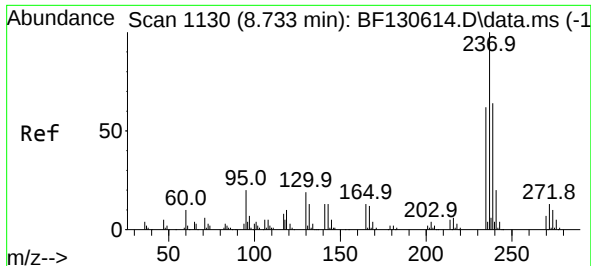
Tgt Ion:164 Resp: 192579
Ion Ratio Lower Upper
164 100
162 100.6 81.0 121.4
160 43.2 34.5 51.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.099 ng
RT: 8.751 min Scan# 1133
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

Tgt Ion:216 Resp: 246086
Ion Ratio Lower Upper
216 100
214 79.0 62.1 93.1
179 22.9 18.6 27.8
108 22.0 15.9 23.9

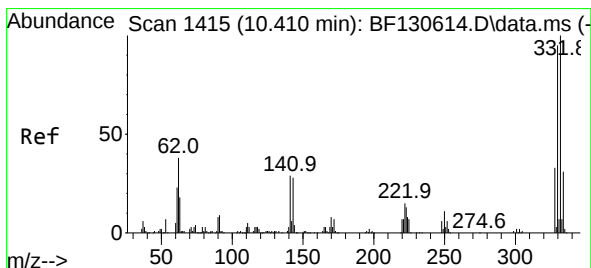
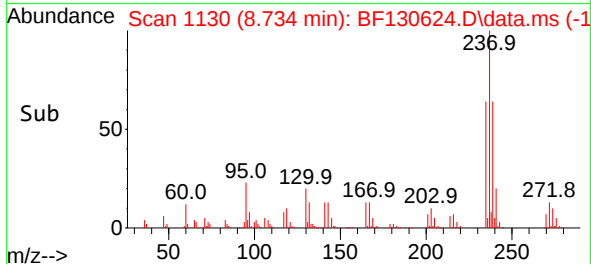
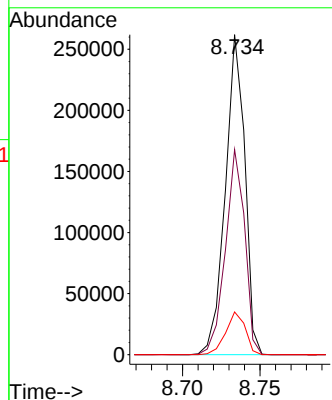
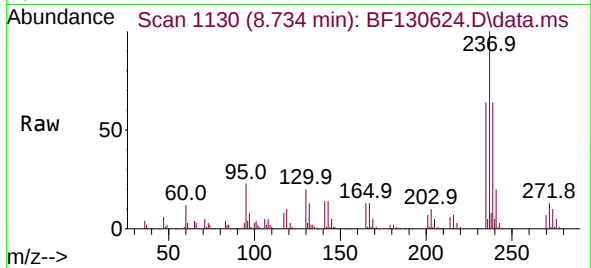




#41
Hexachlorocyclopentadiene
Concen: 110.305 ng
RT: 8.734 min Scan# 1130
Delta R.T. 0.001 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

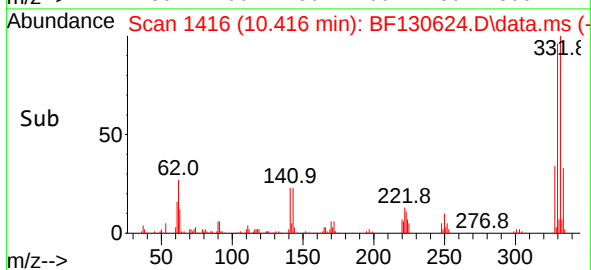
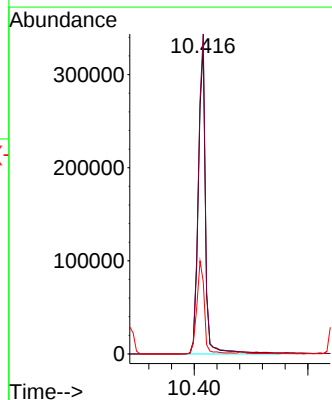
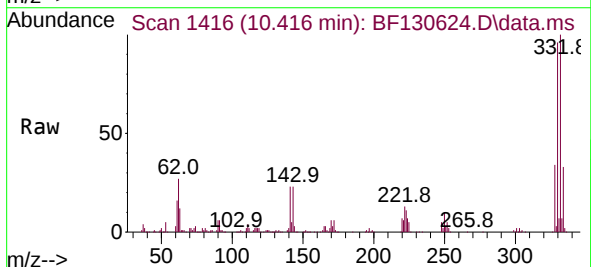
Instrument :
BNA_F
ClientSampleId :
PB148276BS

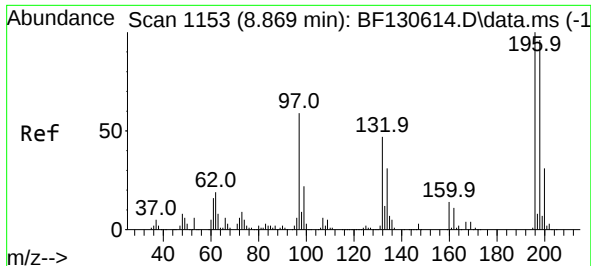
Tgt Ion:237 Resp: 228882
Ion Ratio Lower Upper
237 100
235 64.1 42.2 82.2
272 13.4 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 155.579 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

Tgt Ion:330 Resp: 293170
Ion Ratio Lower Upper
330 100
332 102.7 84.2 126.4
141 31.4 26.8 40.2





#43

2,4,6-Trichlorophenol

Concen: 43.760 ng

RT: 8.869 min Scan# 1153

Delta R.T. -0.000 min

Lab File: BF130624.D

Acq: 12 Oct 2022 11:55

Instrument :

BNA_F

ClientSampleId :

PB148276BS

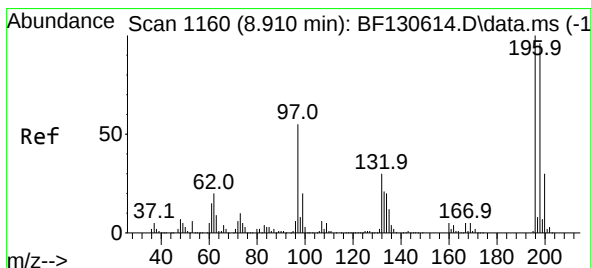
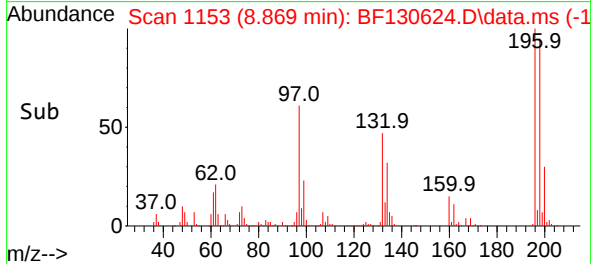
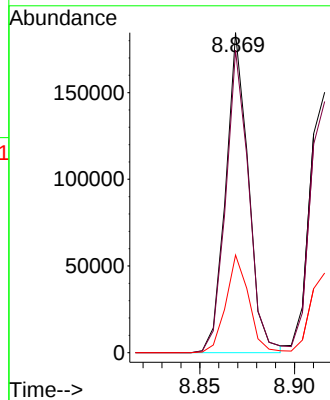
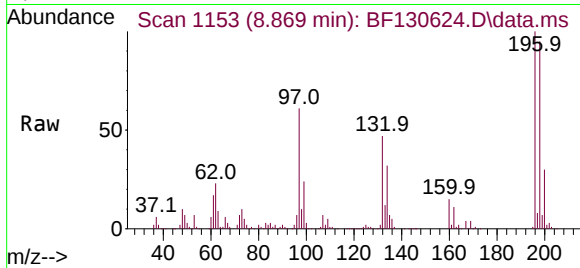
Tgt Ion:196 Resp: 153521

Ion Ratio Lower Upper

196 100

198 94.5 76.6 115.0

200 30.5 25.0 37.6



#44

2,4,5-Trichlorophenol

Concen: 45.776 ng

RT: 8.916 min Scan# 1161

Delta R.T. 0.006 min

Lab File: BF130624.D

Acq: 12 Oct 2022 11:55

Tgt Ion:196 Resp: 176605

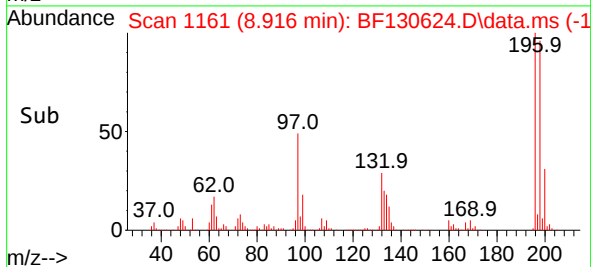
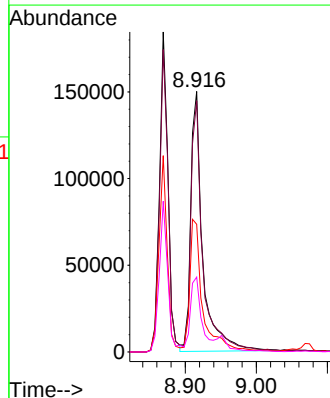
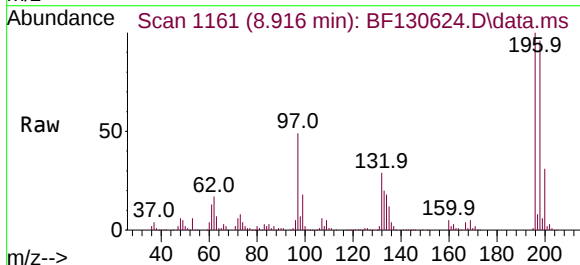
Ion Ratio Lower Upper

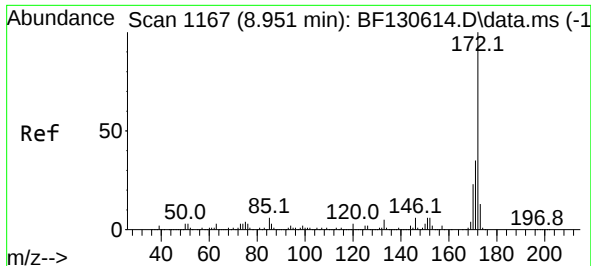
196 100

198 96.4 76.6 114.8

97 49.0 44.3 66.5

132 28.7 24.6 36.8

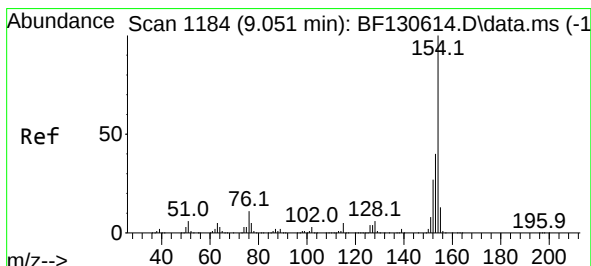
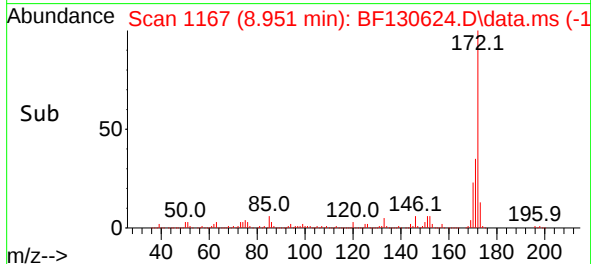
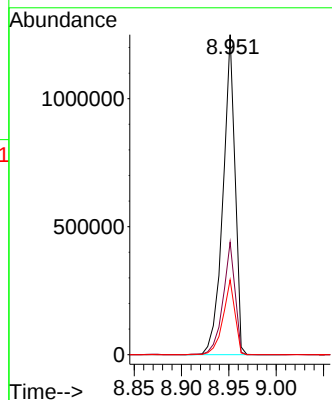
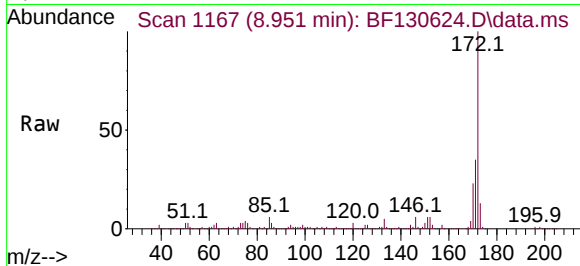




#45
2-Fluorobiphenyl
Concen: 87.354 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

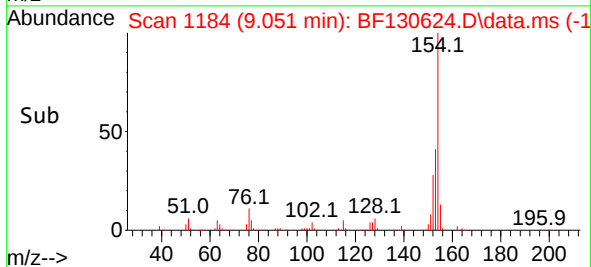
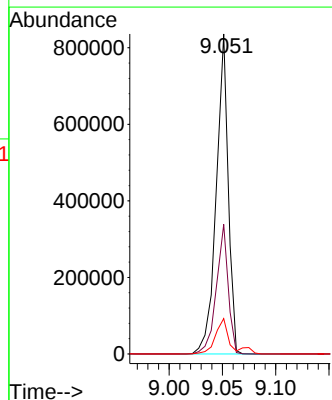
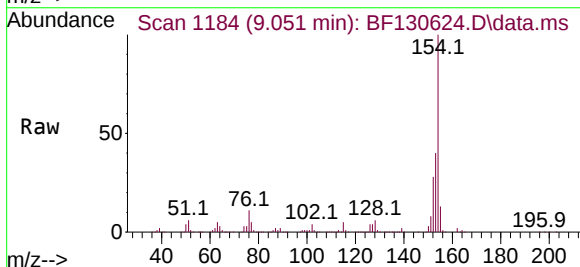
Instrument :
BNA_F
ClientSampleId :
PB148276BS

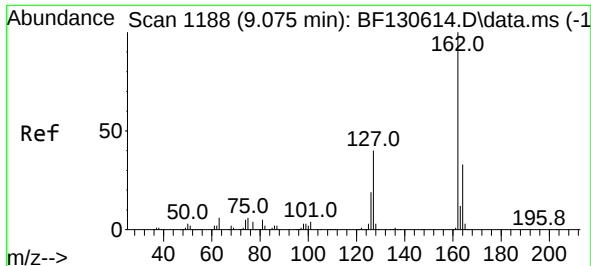
Tgt Ion:172 Resp: 1110588
Ion Ratio Lower Upper
172 100
171 35.2 27.8 41.8
170 23.4 18.6 27.8



#46
1,1'-Biphenyl
Concen: 46.679 ng
RT: 9.051 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

Tgt Ion:154 Resp: 651476
Ion Ratio Lower Upper
154 100
153 40.5 20.0 60.0
76 11.0 0.0 30.8

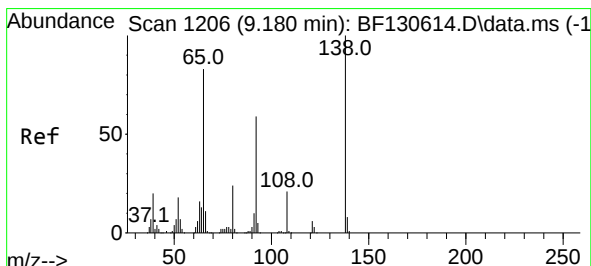
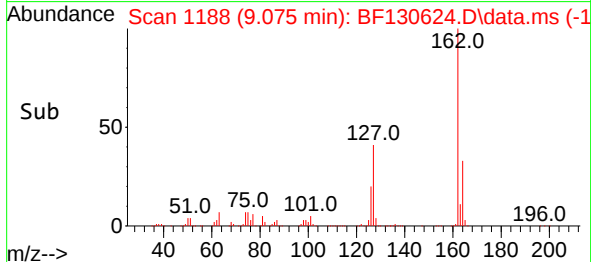
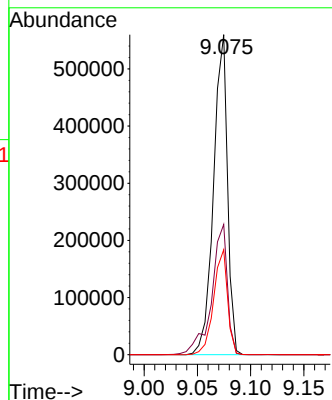
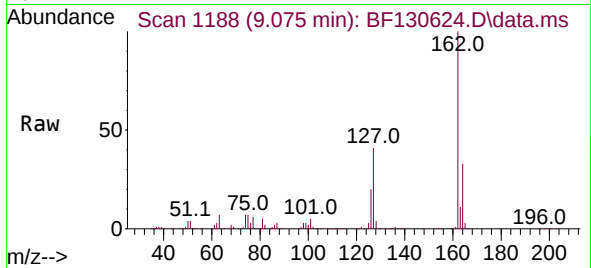




#47
2-Chloronaphthalene
Concen: 44.692 ng
RT: 9.075 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

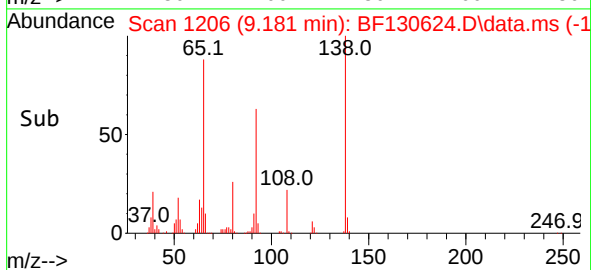
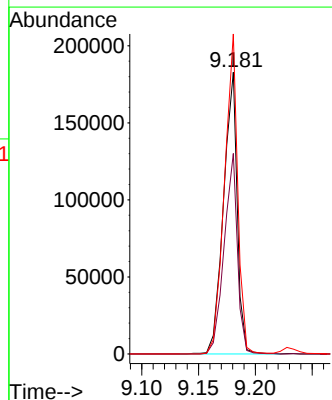
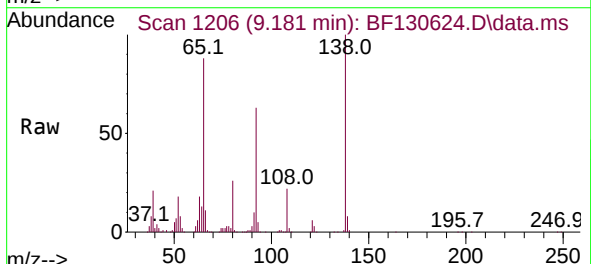
Instrument :
BNA_F
ClientSampleId :
PB148276BS

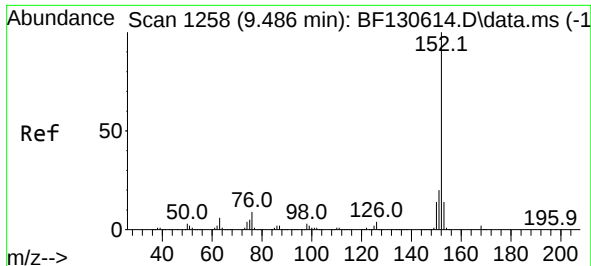
Tgt Ion:162 Resp: 509778
Ion Ratio Lower Upper
162 100
127 40.7 32.6 49.0
164 32.8 26.3 39.5



#48
2-Nitroaniline
Concen: 44.749 ng
RT: 9.181 min Scan# 1206
Delta R.T. 0.001 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

Tgt Ion: 65 Resp: 153653
Ion Ratio Lower Upper
65 100
92 71.1 57.4 86.0
138 113.6 96.7 145.1





#49

Acenaphthylene

Concen: 44.255 ng

RT: 9.486 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF130624.D

Acq: 12 Oct 2022 11:55

Instrument :

BNA_F

ClientSampleId :

PB148276BS

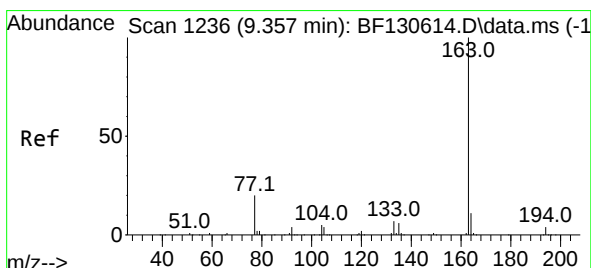
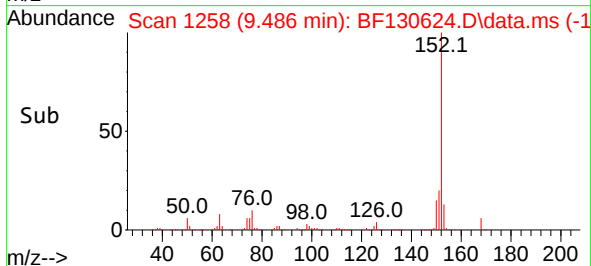
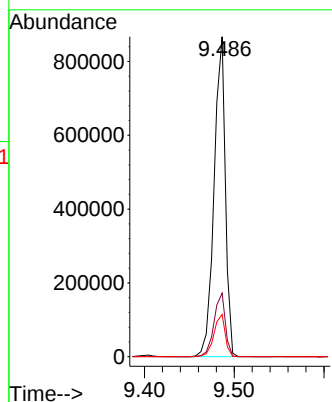
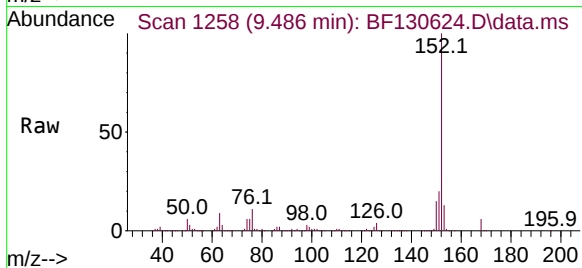
Tgt Ion:152 Resp: 756358

Ion Ratio Lower Upper

152 100

151 19.8 16.2 24.2

153 13.2 10.8 16.2



#50

Dimethylphthalate

Concen: 45.241 ng

RT: 9.363 min Scan# 1237

Delta R.T. 0.006 min

Lab File: BF130624.D

Acq: 12 Oct 2022 11:55

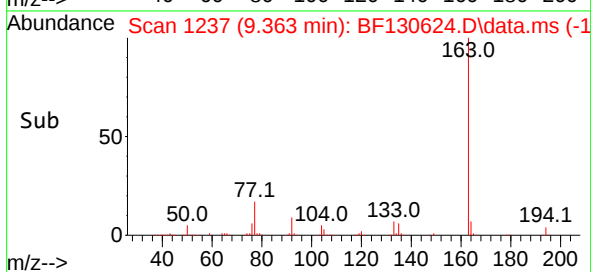
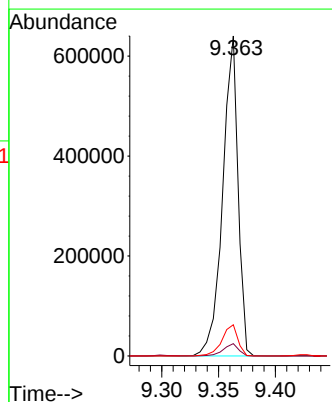
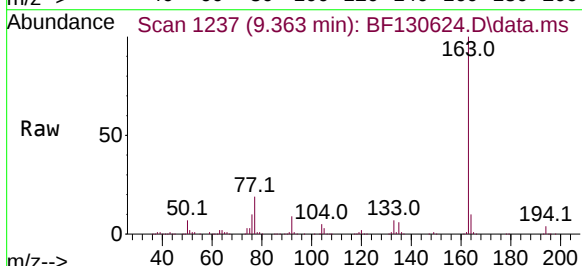
Tgt Ion:163 Resp: 603097

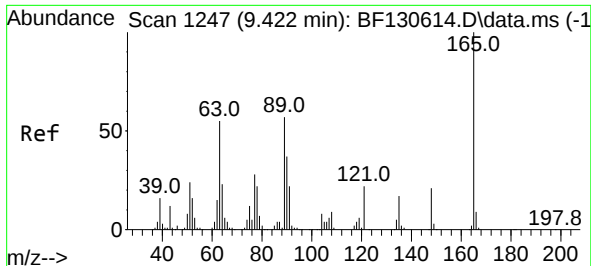
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

164 9.8 8.5 12.7





#51

2,6-Dinitrotoluene

Concen: 46.433 ng

RT: 9.422 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF130624.D

Acq: 12 Oct 2022 11:55

Instrument :

BNA_F

ClientSampleId :

PB148276BS

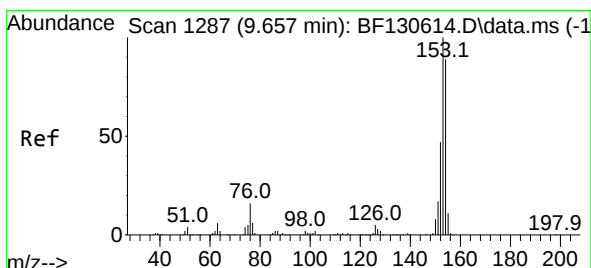
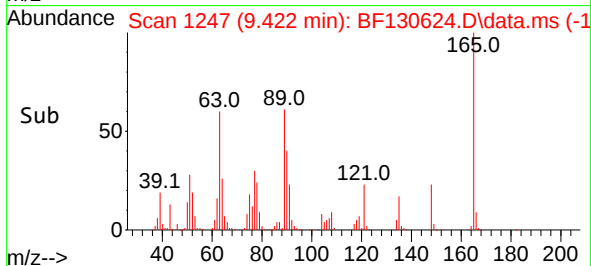
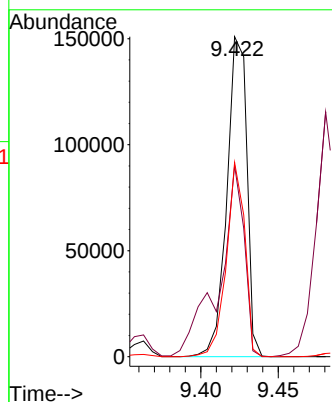
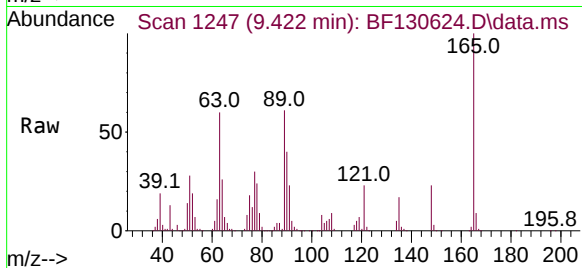
Tgt Ion:165 Resp: 135780

Ion Ratio Lower Upper

165 100

63 59.7 45.3 67.9

89 60.7 45.6 68.4



#52

Acenaphthene

Concen: 44.488 ng

RT: 9.657 min Scan# 1287

Delta R.T. 0.000 min

Lab File: BF130624.D

Acq: 12 Oct 2022 11:55

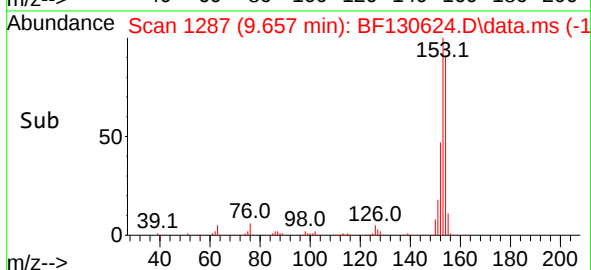
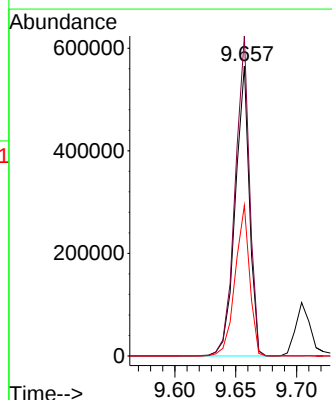
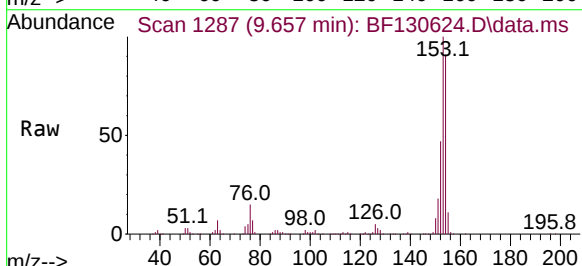
Tgt Ion:154 Resp: 460666

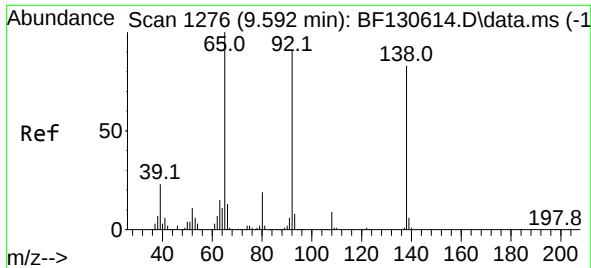
Ion Ratio Lower Upper

154 100

153 110.4 89.6 134.4

152 51.9 42.4 63.6

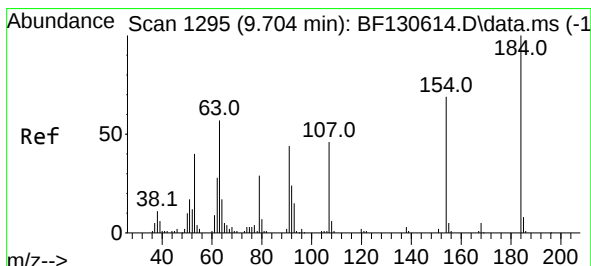
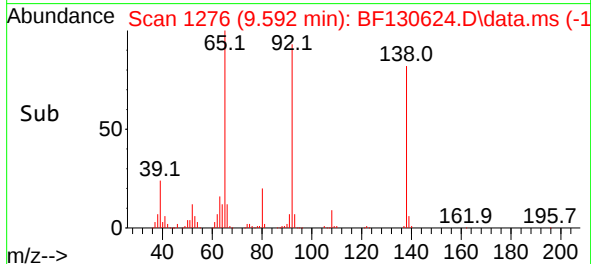
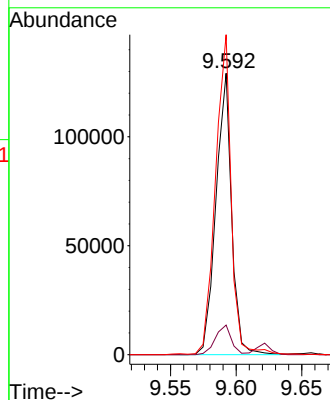
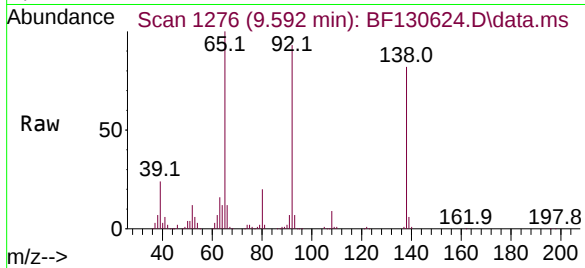




#53
3-Nitroaniline
Concen: 33.428 ng
RT: 9.592 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

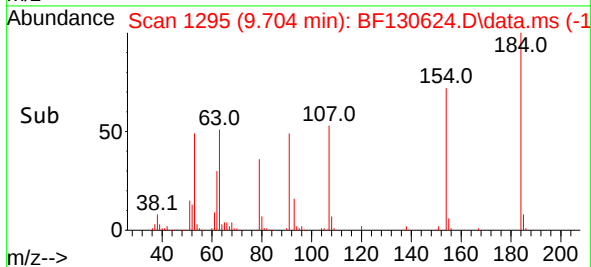
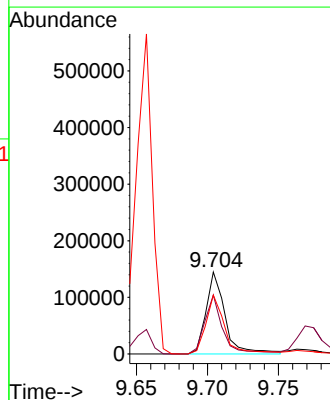
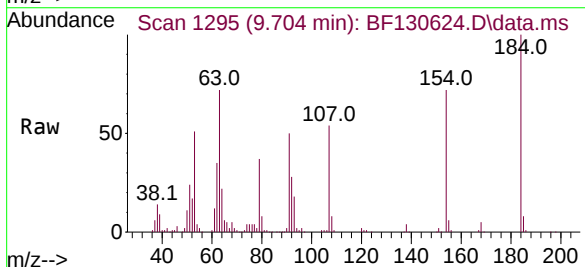
Instrument :
BNA_F
ClientSampleId :
PB148276BS

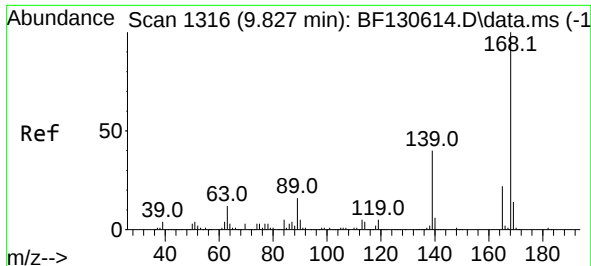
Tgt Ion:138 Resp: 107152
Ion Ratio Lower Upper
138 100
108 10.5 8.4 12.6
92 113.7 88.2 132.4



#54
2,4-Dinitrophenol
Concen: 90.147 ng
RT: 9.704 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

Tgt Ion:184 Resp: 135330
Ion Ratio Lower Upper
184 100
63 71.9 45.5 68.3#
154 71.9 55.1 82.7

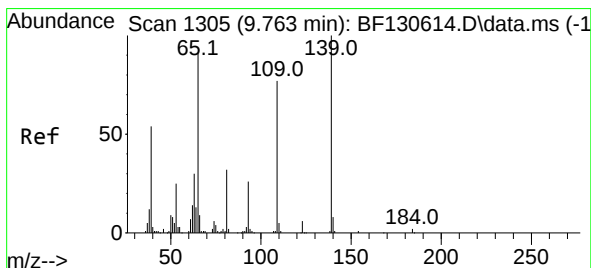
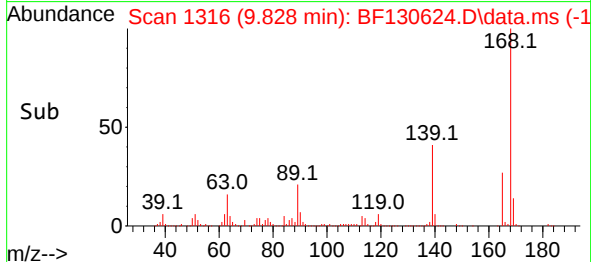
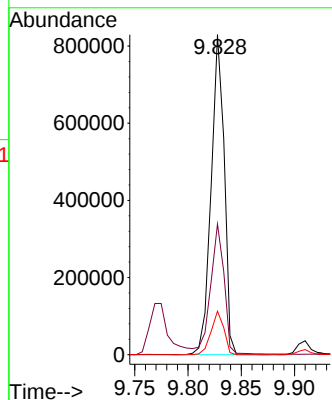
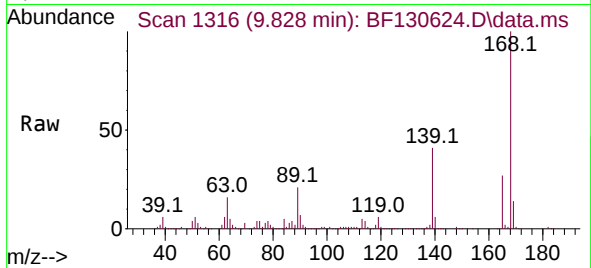




#55
Dibenzenofuran
Concen: 45.066 ng
RT: 9.828 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

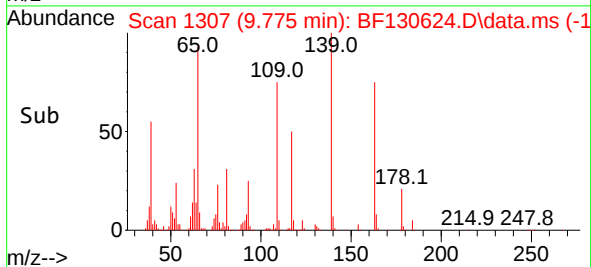
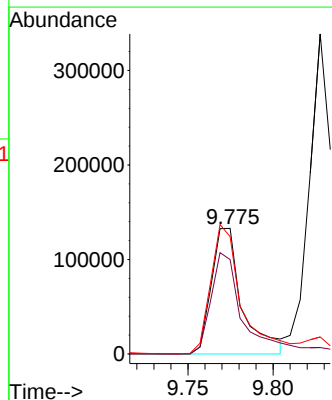
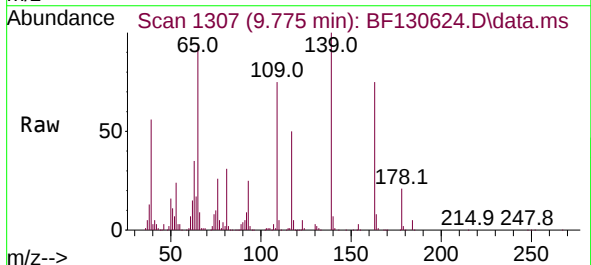
Instrument :
BNA_F
ClientSampleId :
PB148276BS

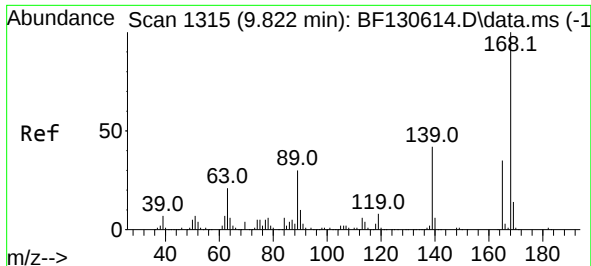
Tgt Ion:168 Resp: 710887
Ion Ratio Lower Upper
168 100
139 40.8 33.0 49.4
169 13.6 10.9 16.3



#56
4-Nitrophenol
Concen: 94.509 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.012 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

Tgt Ion:139 Resp: 167034
Ion Ratio Lower Upper
139 100
109 75.2 57.4 97.4
65 93.4 71.3 111.3

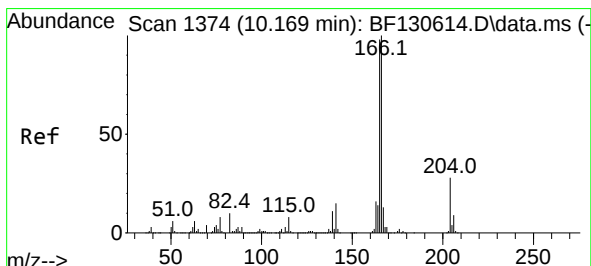
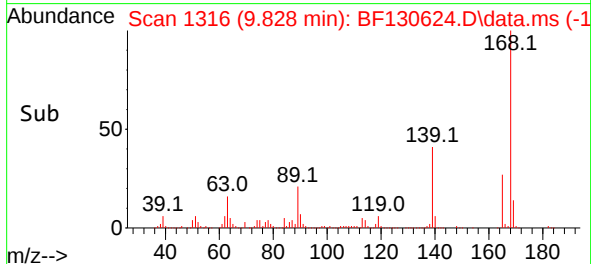
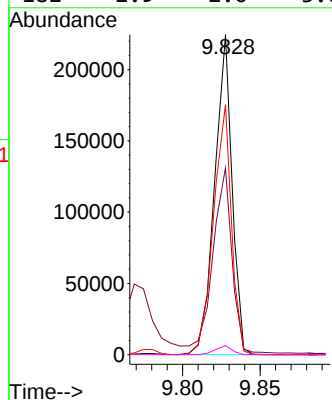
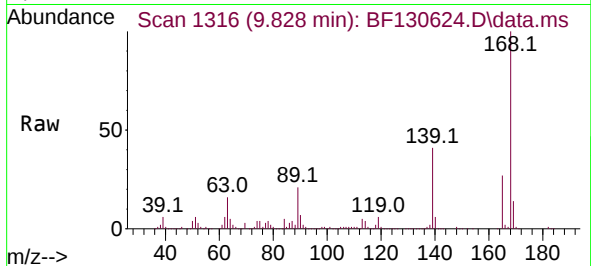




#57
2,4-Dinitrotoluene
Concen: 46.918 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.006 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

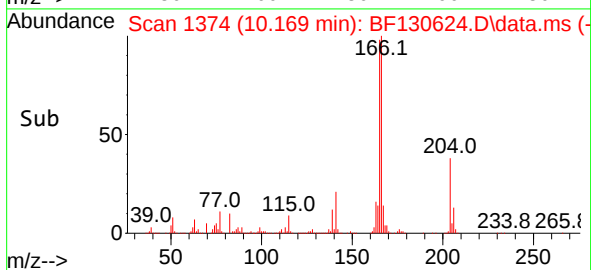
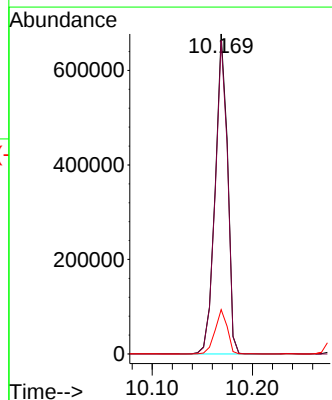
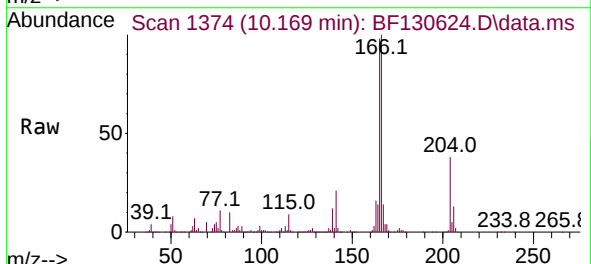
Instrument :
BNA_F
ClientSampleId :
PB148276BS

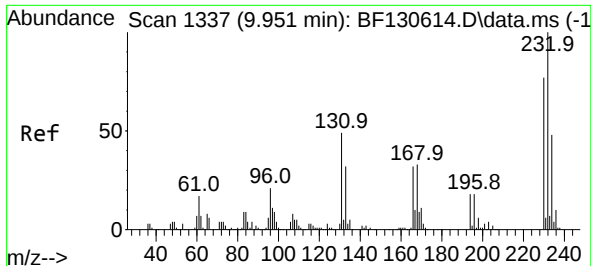
Tgt Ion:165 Resp: 176328
Ion Ratio Lower Upper
165 100
63 58.4 50.6 76.0
89 78.1 68.6 102.8
182 2.9 2.0 3.0



#58
Fluorene
Concen: 44.652 ng
RT: 10.169 min Scan# 1374
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

Tgt Ion:166 Resp: 579080
Ion Ratio Lower Upper
166 100
165 97.9 78.2 117.4
167 13.8 10.8 16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 45.757 ng

RT: 9.951 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF130624.D

Acq: 12 Oct 2022 11:55

Instrument :

BNA_F

ClientSampleId :

PB148276BS

Tgt Ion:232 Resp: 140738

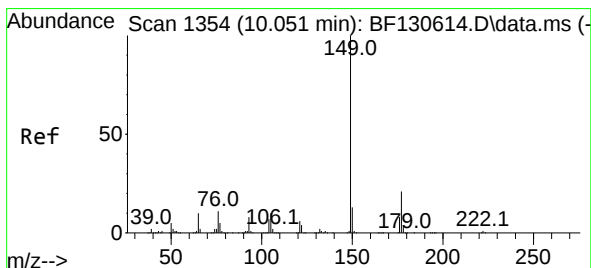
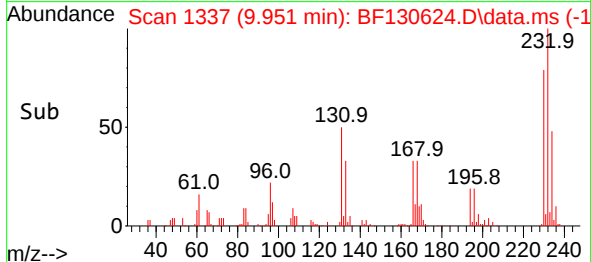
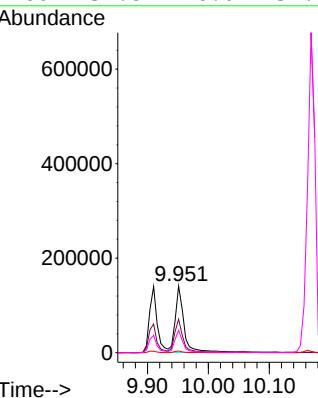
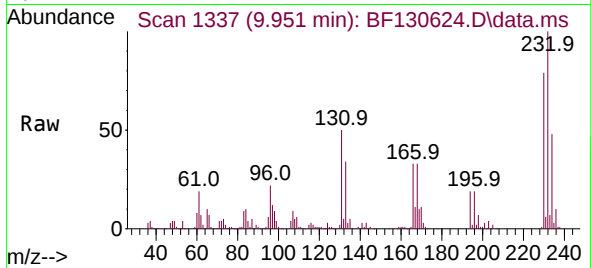
Ion Ratio Lower Upper

232 100

131 50.7 41.4 62.0

130 2.6 2.1 3.1

166 31.8 26.0 39.0



#60

Diethylphthalate

Concen: 44.703 ng

RT: 10.057 min Scan# 1355

Delta R.T. 0.006 min

Lab File: BF130624.D

Acq: 12 Oct 2022 11:55

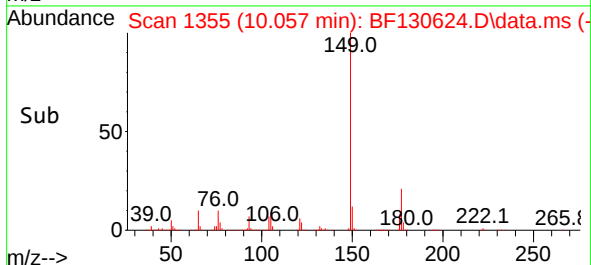
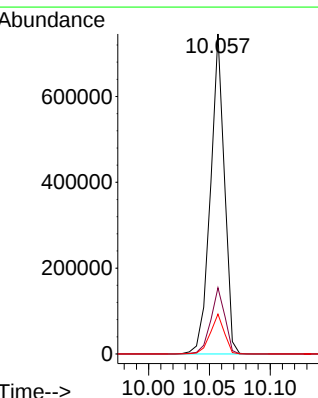
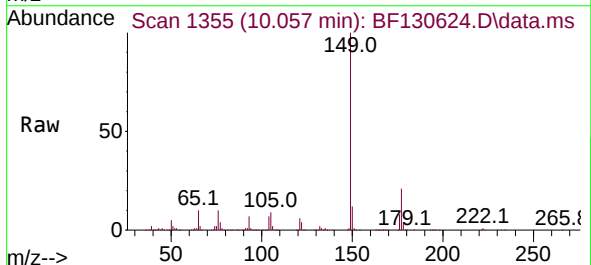
Tgt Ion:149 Resp: 594584

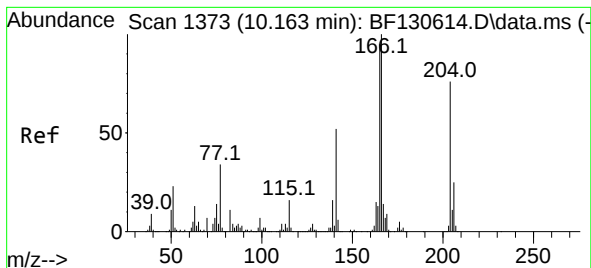
Ion Ratio Lower Upper

149 100

177 20.7 16.7 25.1

150 12.5 10.5 15.7

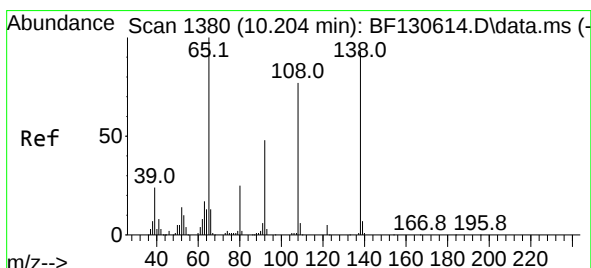
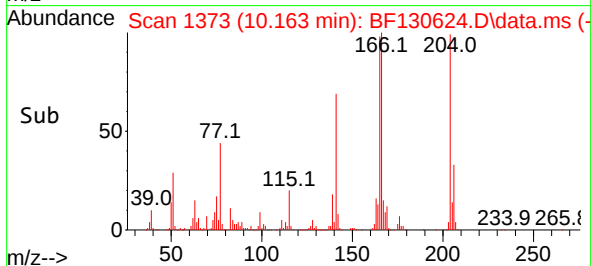
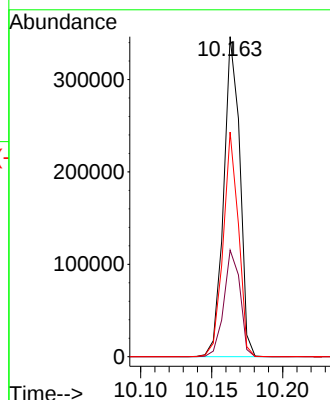
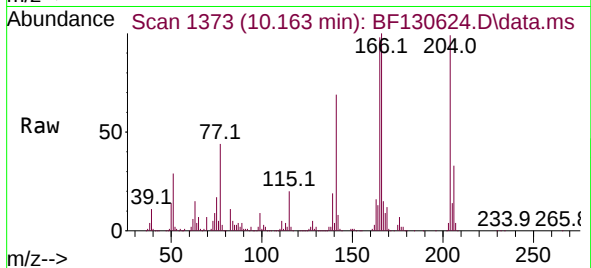




#61
4-Chlorophenyl-phenylether
Concen: 46.510 ng
RT: 10.163 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

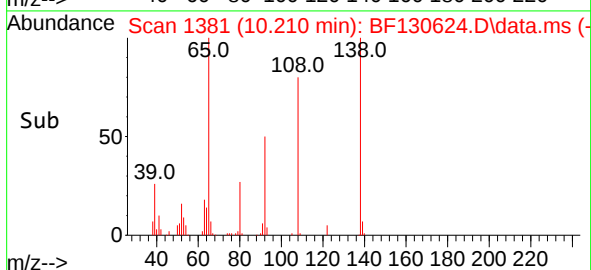
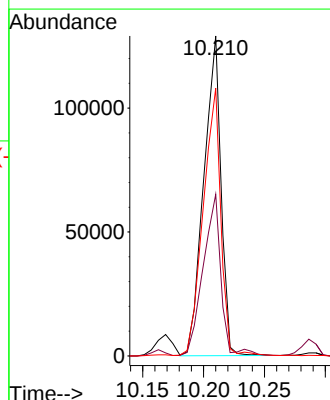
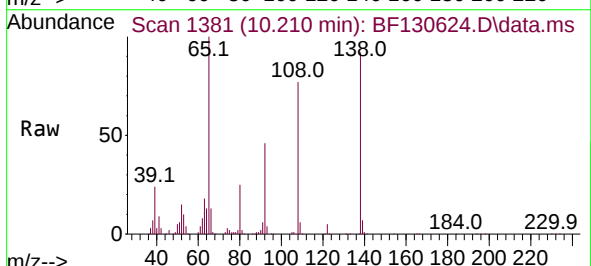
Instrument :
BNA_F
ClientSampleId :
PB148276BS

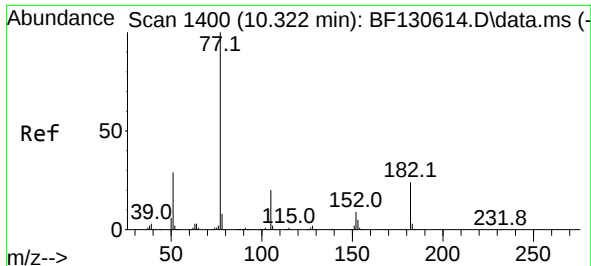
Tgt Ion:204 Resp: 272698
Ion Ratio Lower Upper
204 100
206 33.3 26.1 39.1
141 70.2 54.6 81.8



#62
4-Nitroaniline
Concen: 41.488 ng
RT: 10.210 min Scan# 1381
Delta R.T. 0.006 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

Tgt Ion:138 Resp: 126970
Ion Ratio Lower Upper
138 100
92 50.5 31.1 71.1
108 83.7 62.1 102.1

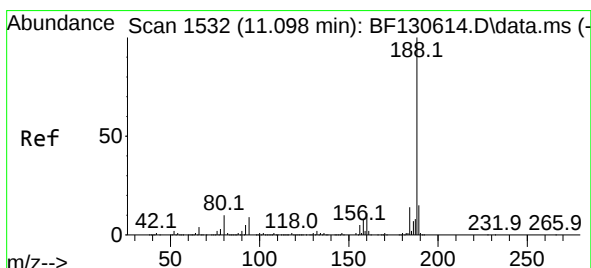
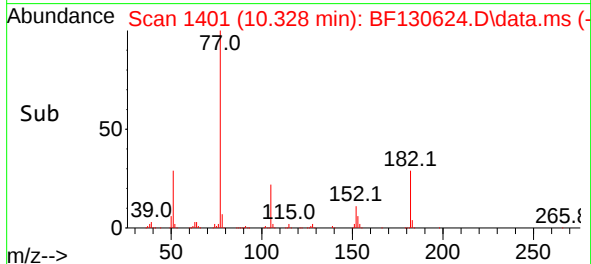
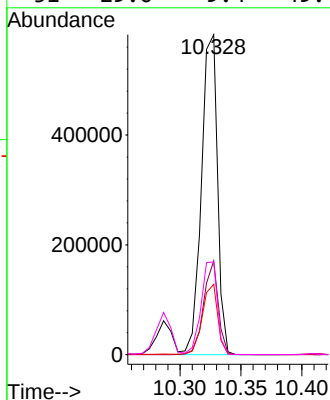
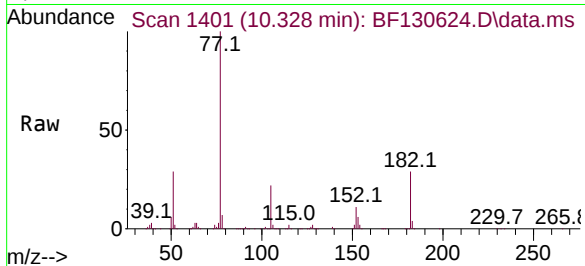




#63
Azobenzene
Concen: 42.859 ng
RT: 10.328 min Scan# 1400
Delta R.T. 0.006 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

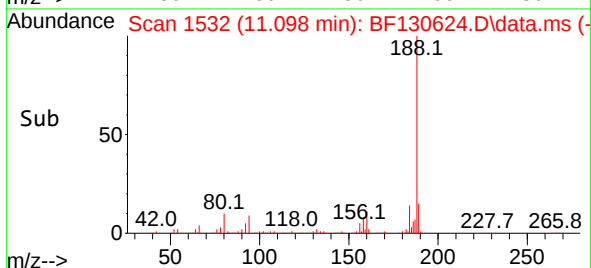
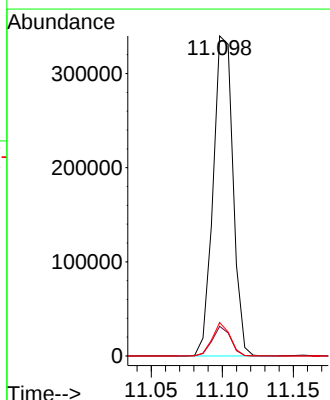
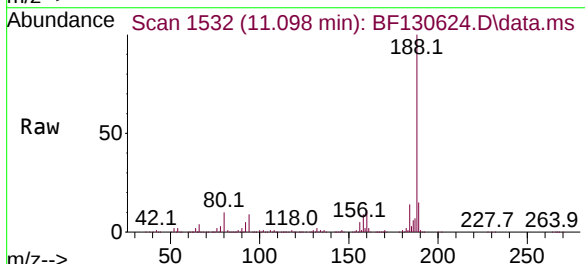
Instrument :
BNA_F
ClientSampleId :
PB148276BS

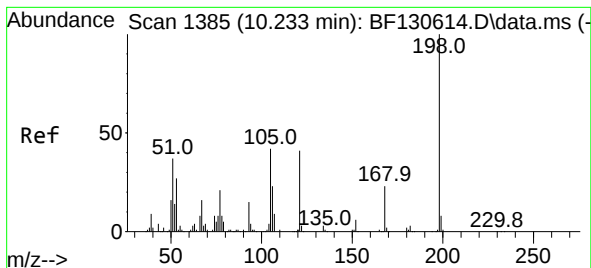
Tgt Ion: 77	Resp: 536918
Ion Ratio	Lower Upper
77 100	
182 29.3	3.8 43.8
105 22.0	0.3 40.3
51 29.0	9.4 49.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.098 min Scan# 1532
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

Tgt Ion: 188	Resp: 330074
Ion Ratio	Lower Upper
188 100	
94 9.3	7.4 11.2
80 10.5	8.0 12.0

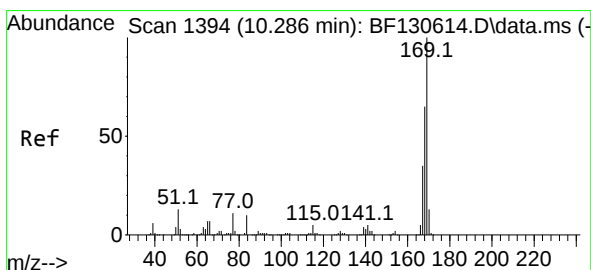
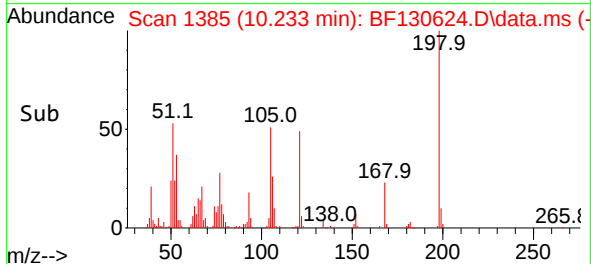
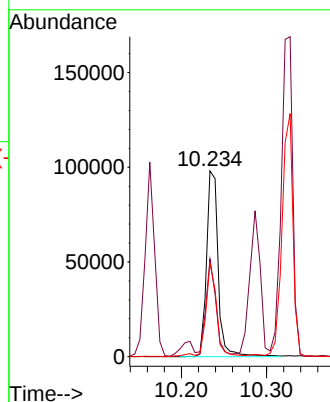
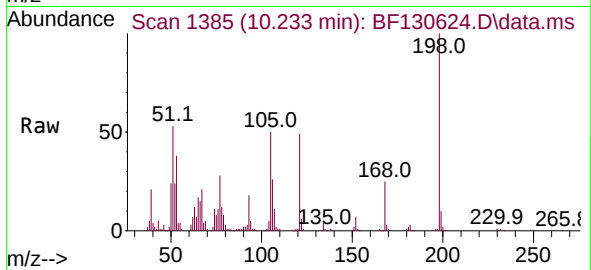




#65
4,6-Dinitro-2-methylphenol
Concen: 44.999 ng
RT: 10.233 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

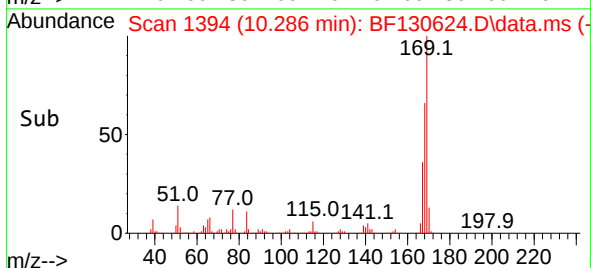
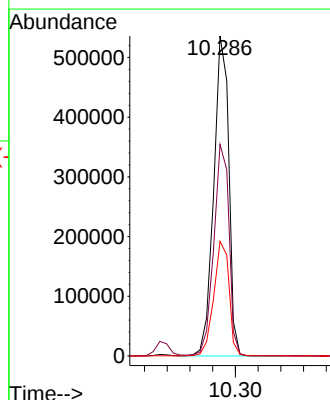
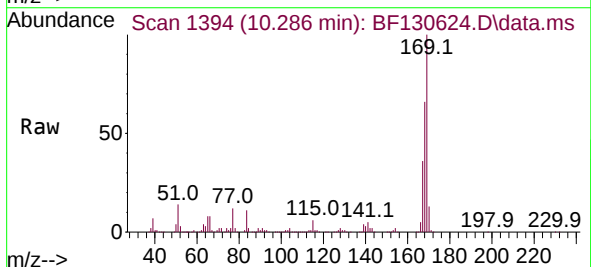
Instrument :
BNA_F
ClientSampleId :
PB148276BS

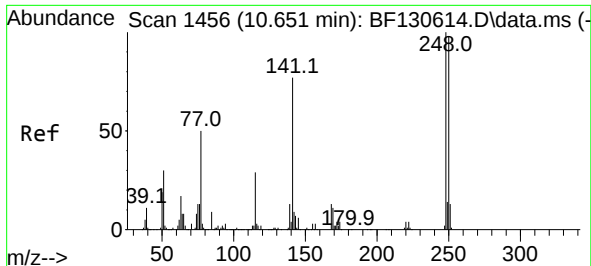
Tgt Ion:198 Resp: 92820
Ion Ratio Lower Upper
198 100
51 52.6 18.7 58.7
105 50.3 22.0 62.0



#66
n-Nitrosodiphenylamine
Concen: 44.937 ng
RT: 10.286 min Scan# 1394
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

Tgt Ion:169 Resp: 493392
Ion Ratio Lower Upper
169 100
168 66.1 52.2 78.4
167 35.8 28.3 42.5

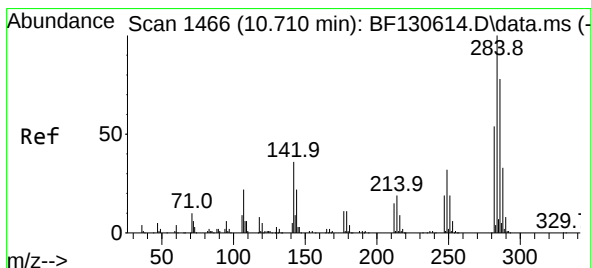
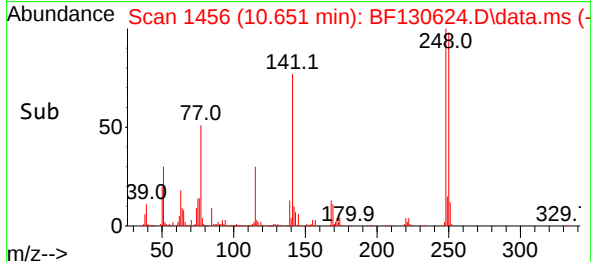
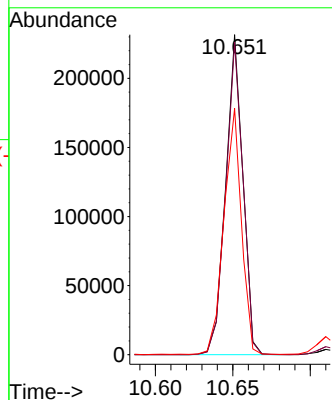
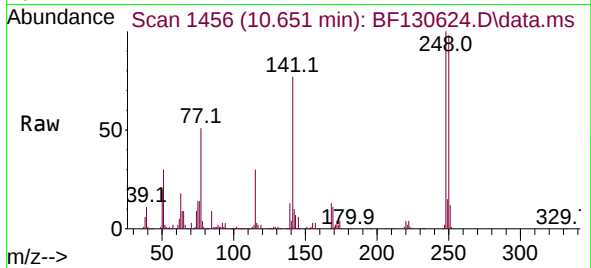




#67
4-Bromophenyl-phenylether
Concen: 47.955 ng
RT: 10.651 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

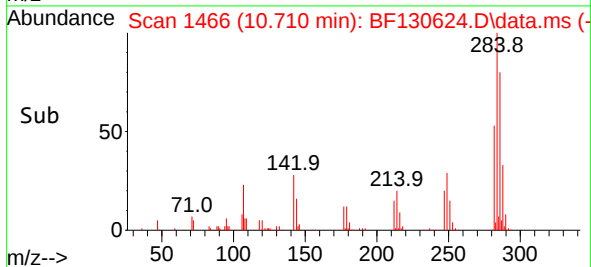
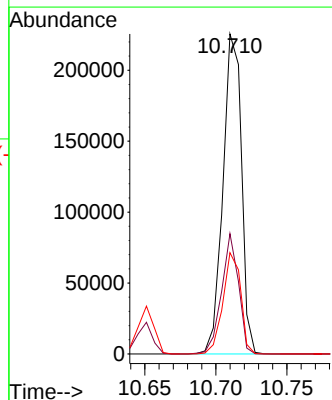
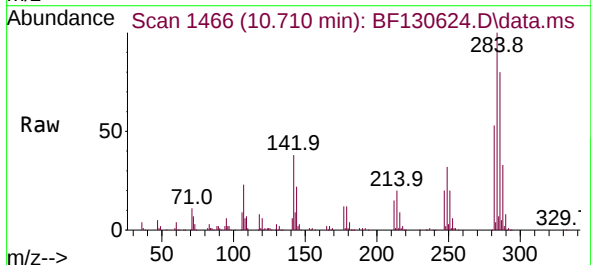
Instrument :
BNA_F
ClientSampleId :
PB148276BS

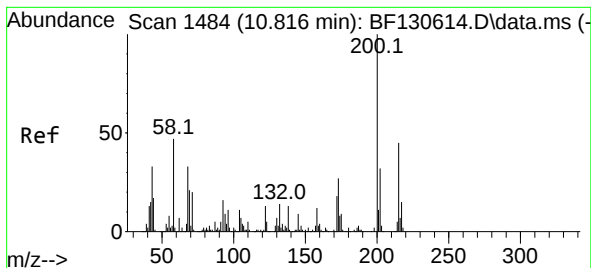
Tgt Ion:248 Resp: 179099
Ion Ratio Lower Upper
248 100
250 97.6 78.7 118.1
141 77.0 61.6 92.4



#68
Hexachlorobenzene
Concen: 48.270 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

Tgt Ion:284 Resp: 203790
Ion Ratio Lower Upper
284 100
142 37.6 28.6 42.8
249 31.7 25.2 37.8





#69

Atrazine

Concen: 55.062 ng

RT: 10.822 min Scan# 14

Delta R.T. 0.006 min

Lab File: BF130624.D

Acq: 12 Oct 2022 11:55

Instrument :

BNA_F

ClientSampleId :

PB148276BS

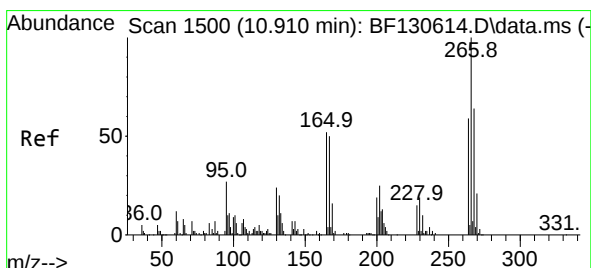
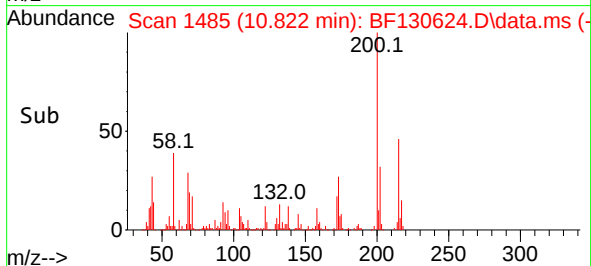
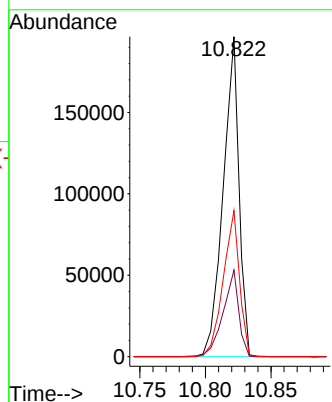
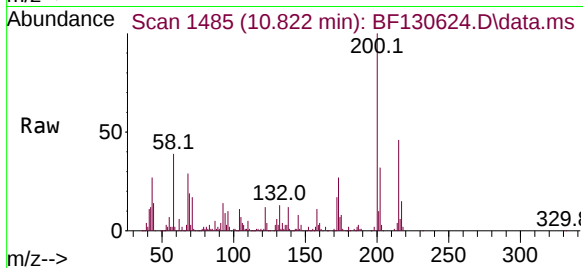
Tgt Ion:200 Resp: 164624

Ion Ratio Lower Upper

200 100

173 27.1 7.1 47.1

215 45.6 24.9 64.9



#70

Pentachlorophenol

Concen: 98.826 ng

RT: 10.916 min Scan# 1501

Delta R.T. 0.006 min

Lab File: BF130624.D

Acq: 12 Oct 2022 11:55

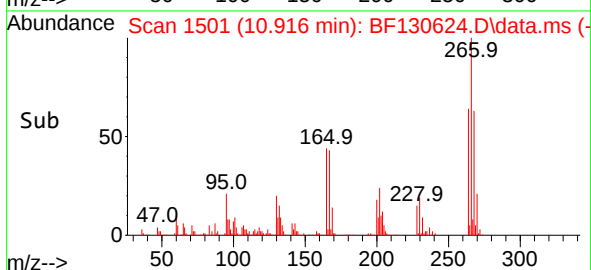
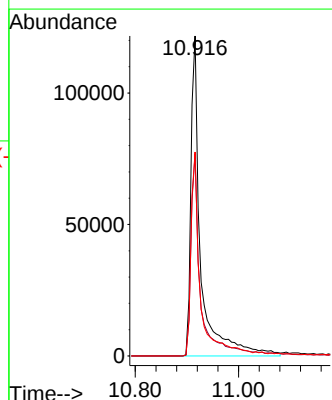
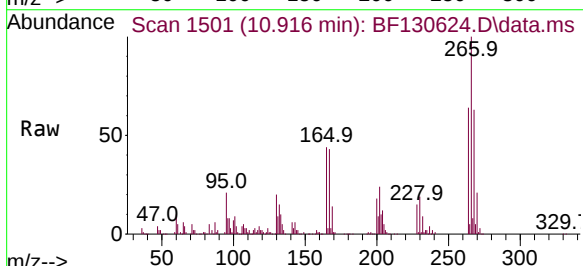
Tgt Ion:266 Resp: 162385

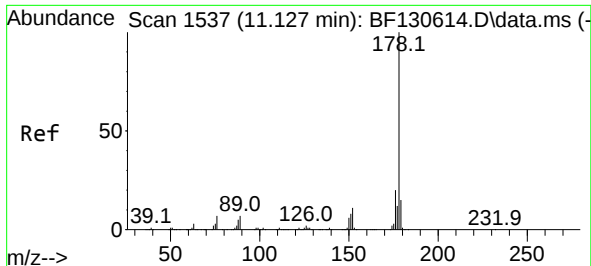
Ion Ratio Lower Upper

266 100

268 63.2 50.8 76.2

264 63.8 47.5 71.3

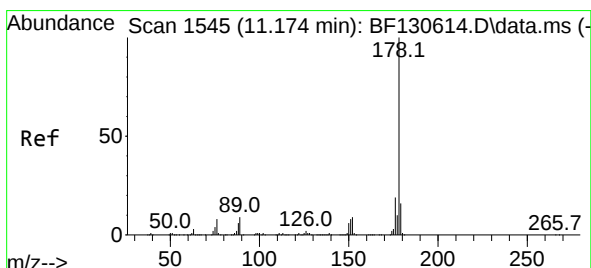
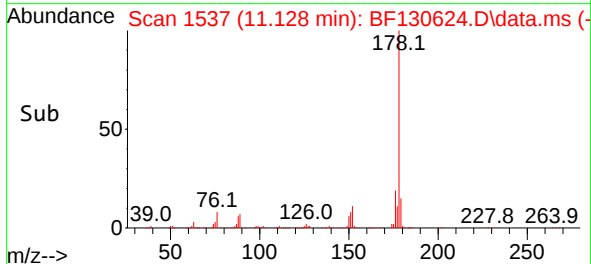
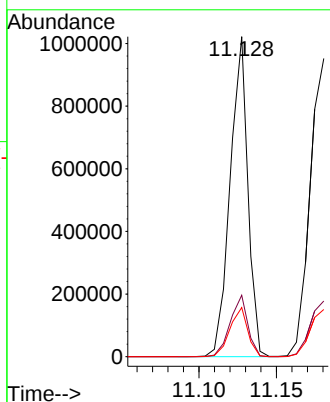
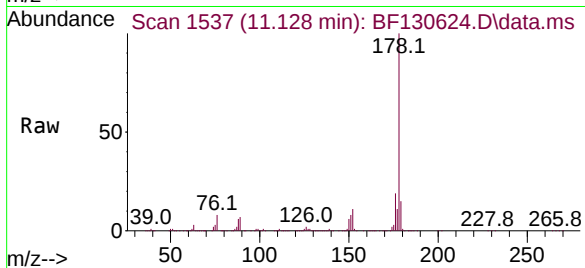




#71
Phenanthrene
Concen: 44.443 ng
RT: 11.128 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

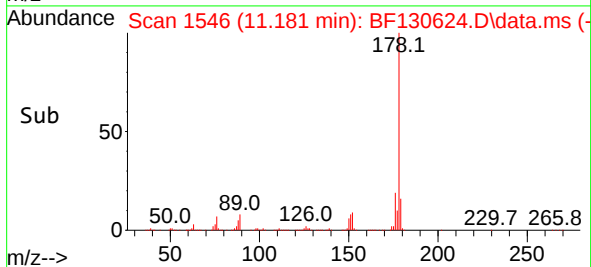
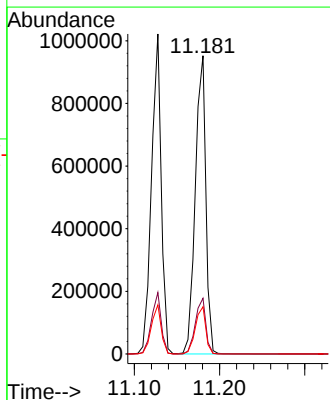
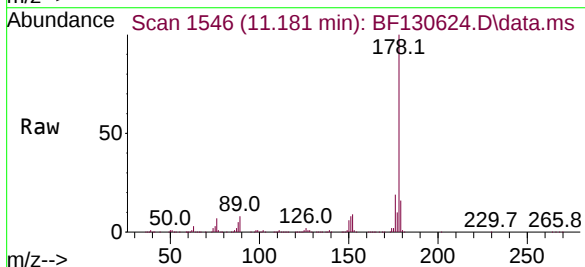
Instrument :
BNA_F
ClientSampleId :
PB148276BS

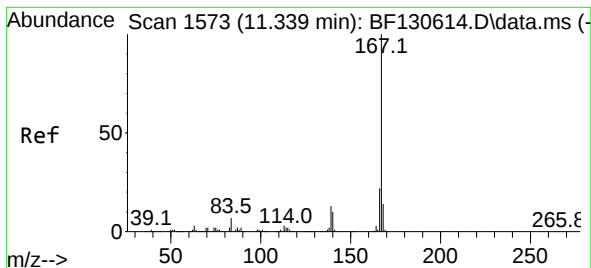
Tgt Ion:178 Resp: 812738
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 15.3 12.2 18.4



#72
Anthracene
Concen: 45.902 ng
RT: 11.181 min Scan# 1546
Delta R.T. 0.006 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

Tgt Ion:178 Resp: 819811
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.9 12.5 18.7





#73

Carbazole

Concen: 45.769 ng

RT: 11.339 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF130624.D

Acq: 12 Oct 2022 11:55

Instrument :

BNA_F

ClientSampleId :

PB148276BS

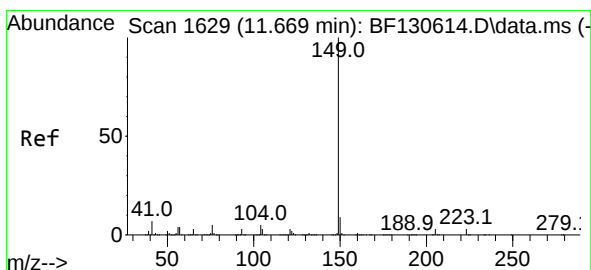
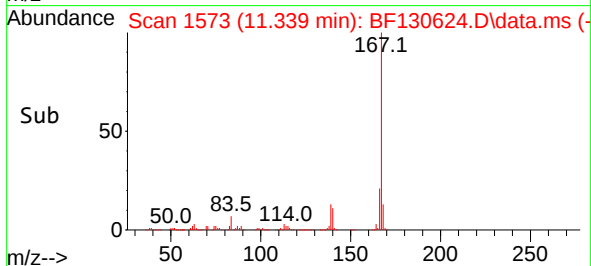
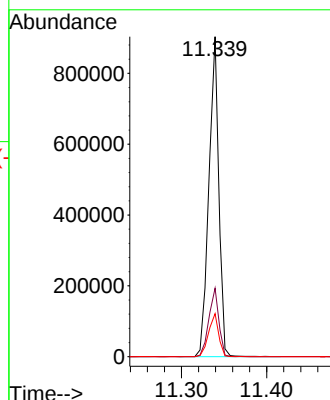
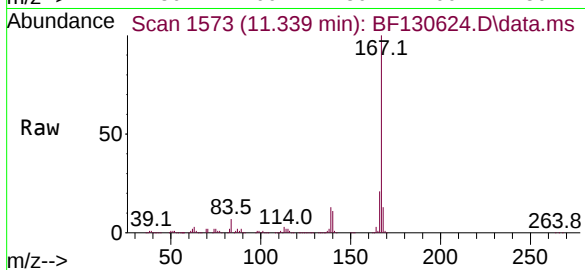
Tgt Ion:167 Resp: 729409

Ion Ratio Lower Upper

167 100

166 21.4 17.3 25.9

139 13.4 10.7 16.1



#74

Di-n-butylphthalate

Concen: 46.583 ng

RT: 11.675 min Scan# 1630

Delta R.T. 0.006 min

Lab File: BF130624.D

Acq: 12 Oct 2022 11:55

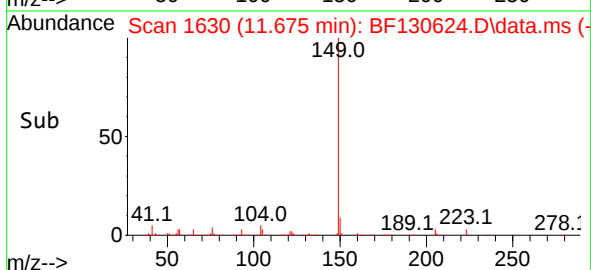
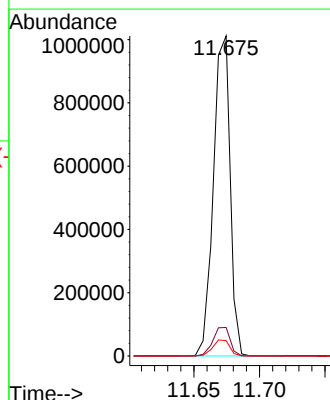
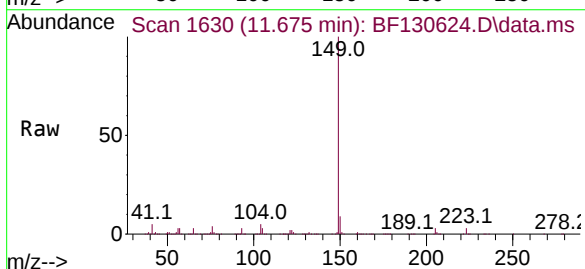
Tgt Ion:149 Resp: 899283

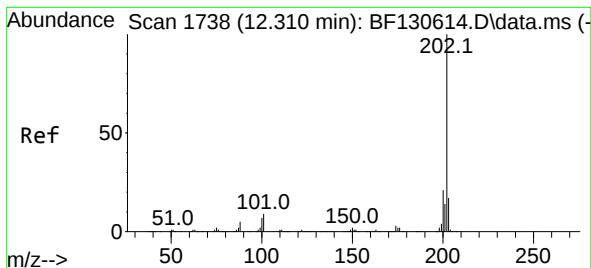
Ion Ratio Lower Upper

149 100

150 8.9 7.5 11.3

104 4.8 4.2 6.2





#75

Fluoranthene

Concen: 46.180 ng

RT: 12.310 min Scan# 1738

Delta R.T. 0.000 min

Lab File: BF130624.D

Acq: 12 Oct 2022 11:55

Instrument :

BNA_F

ClientSampleId :

PB148276BS

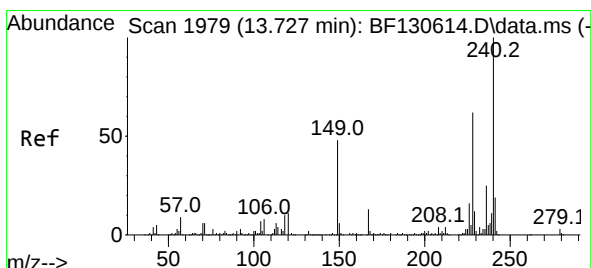
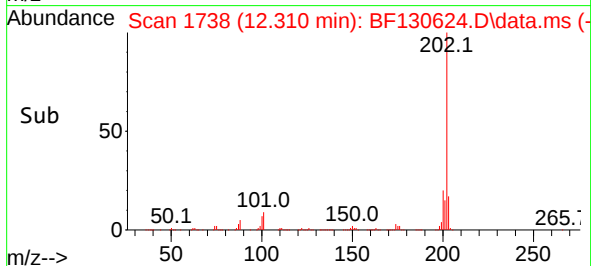
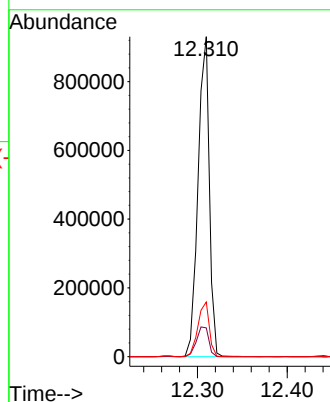
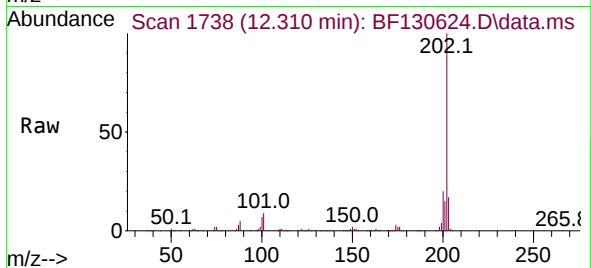
Tgt Ion:202 Resp: 811656

Ion Ratio Lower Upper

202 100

101 9.0 0.0 29.1

203 17.1 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.727 min Scan# 1979

Delta R.T. 0.000 min

Lab File: BF130624.D

Acq: 12 Oct 2022 11:55

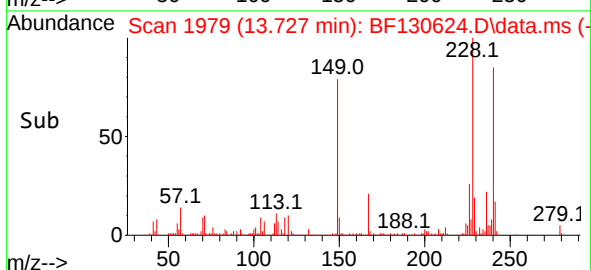
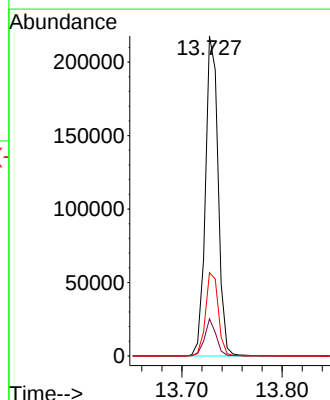
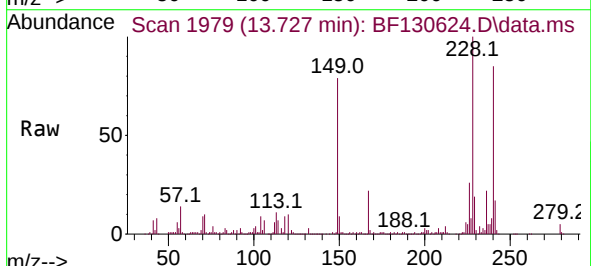
Tgt Ion:240 Resp: 192413

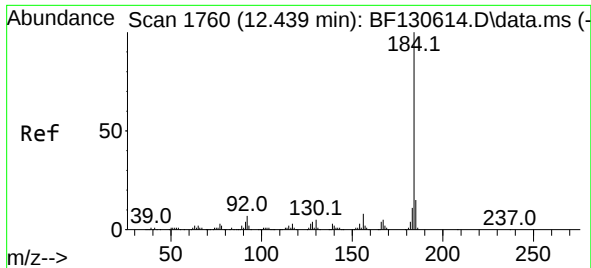
Ion Ratio Lower Upper

240 100

120 11.6 8.6 13.0

236 26.0 20.2 30.4

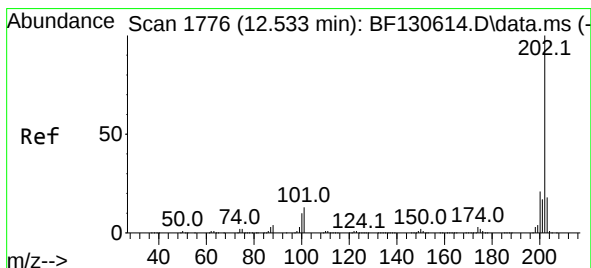
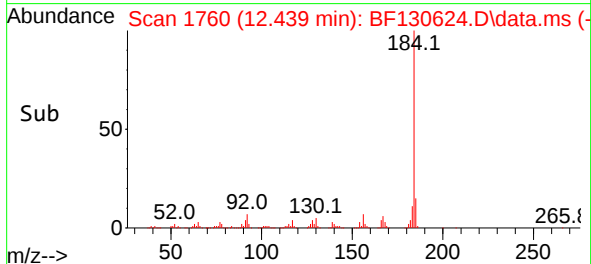
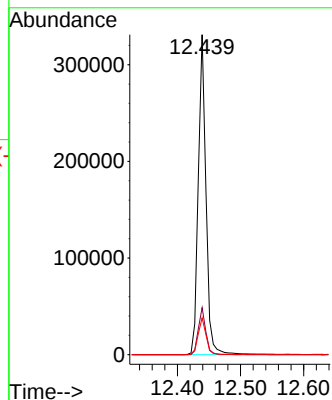
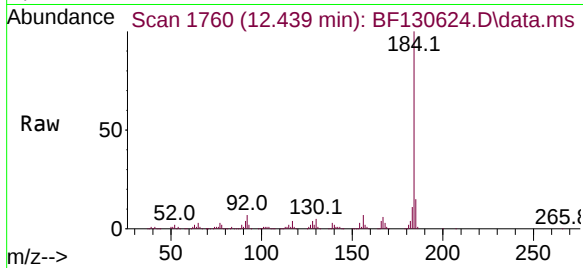




#77
Benzidine
Concen: 57.524 ng
RT: 12.439 min Scan# 1760
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

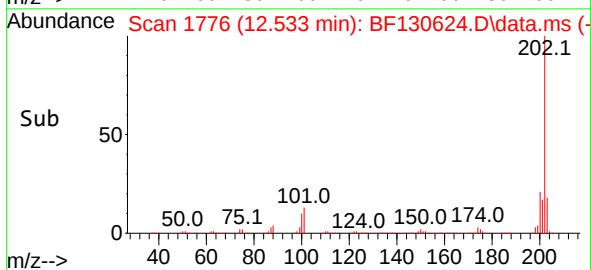
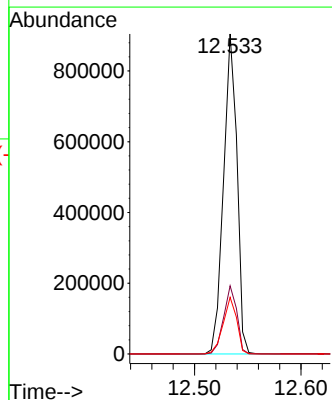
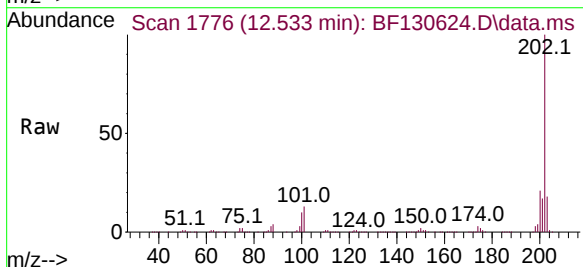
Instrument :
BNA_F
ClientSampleId :
PB148276BS

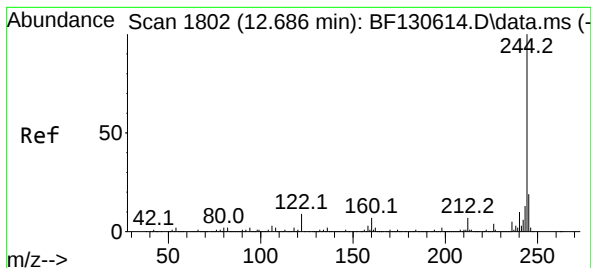
Tgt Ion:184 Resp: 279767
Ion Ratio Lower Upper
184 100
185 14.7 12.0 18.0
183 11.5 9.0 13.4



#78
Pyrene
Concen: 47.593 ng
RT: 12.533 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

Tgt Ion:202 Resp: 790028
Ion Ratio Lower Upper
202 100
200 21.3 16.7 25.1
203 17.7 14.0 21.0





#79

Terphenyl-d14

Concen: 101.228 ng

RT: 12.686 min Scan# 1802

Delta R.T. 0.000 min

Lab File: BF130624.D

Acq: 12 Oct 2022 11:55

Instrument :

BNA_F

ClientSampleId :

PB148276BS

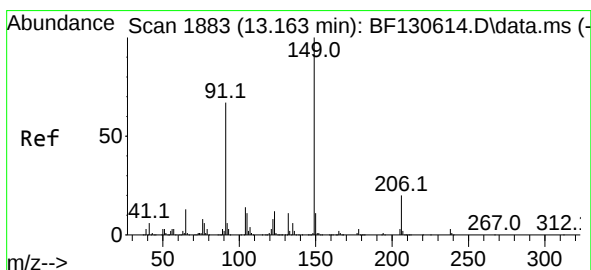
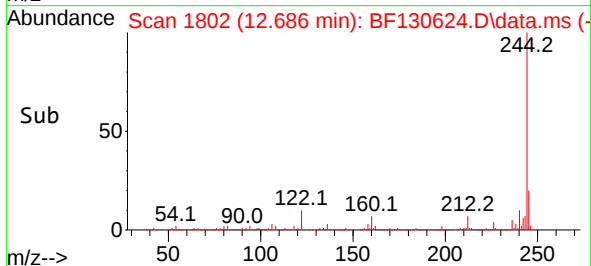
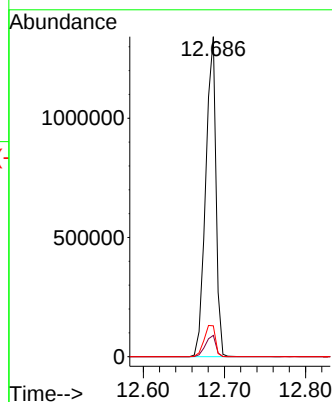
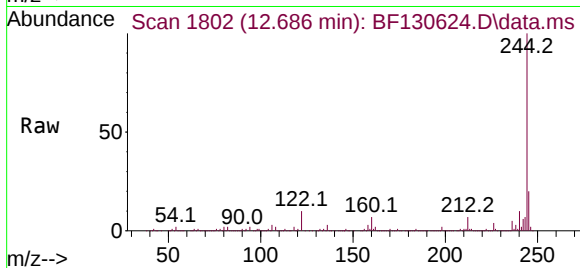
Tgt Ion:244 Resp: 1173541

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

122 9.7 7.5 11.3



#80

Butylbenzylphthalate

Concen: 48.069 ng

RT: 13.163 min Scan# 1883

Delta R.T. 0.000 min

Lab File: BF130624.D

Acq: 12 Oct 2022 11:55

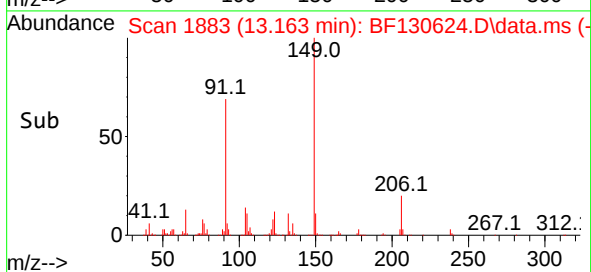
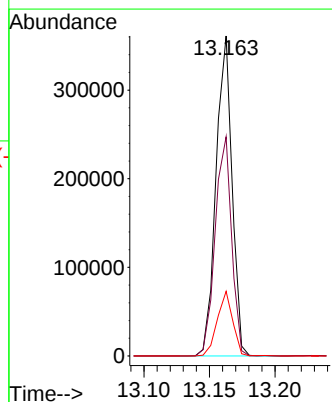
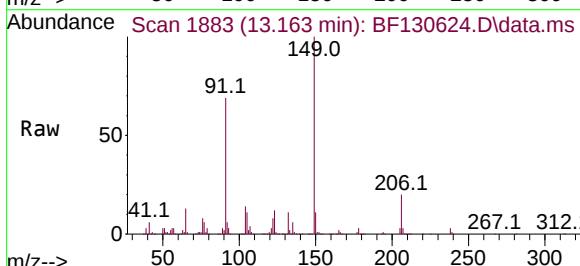
Tgt Ion:149 Resp: 306825

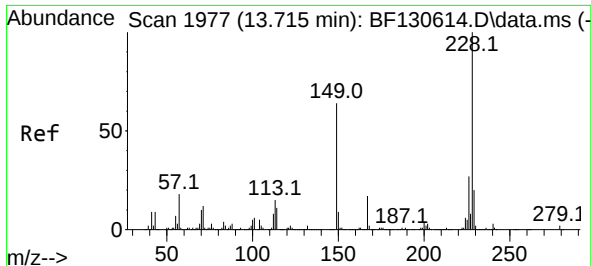
Ion Ratio Lower Upper

149 100

91 68.5 53.8 80.8

206 20.2 15.8 23.6

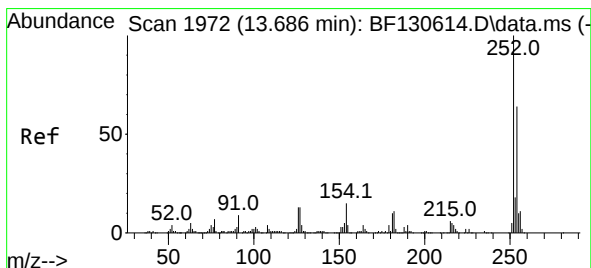
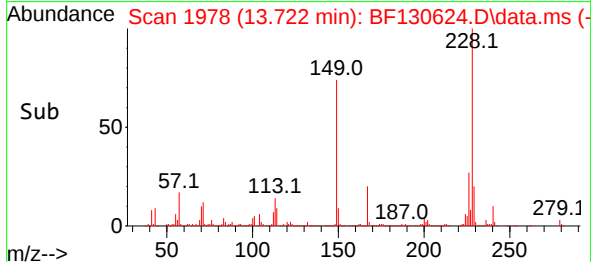
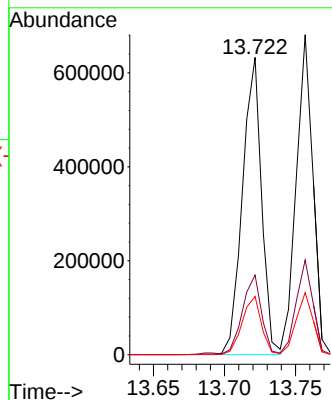
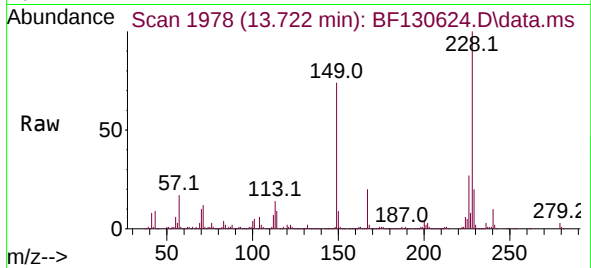




#81
Benzo(a)anthracene
Concen: 45.689 ng
RT: 13.722 min Scan# 1978
Delta R.T. 0.006 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

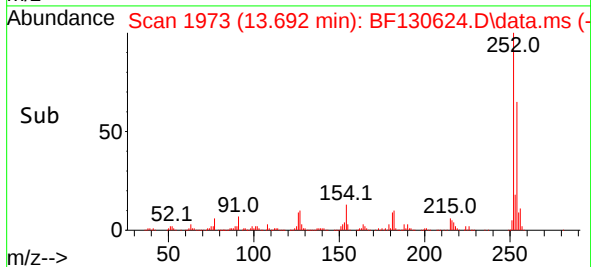
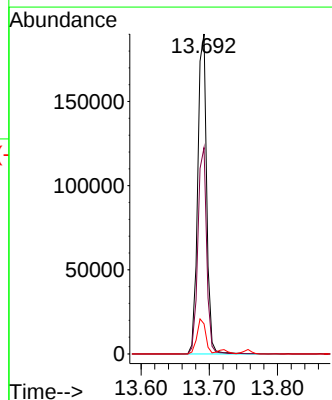
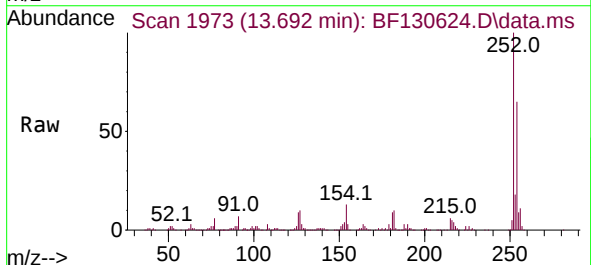
Instrument :
BNA_F
ClientSampleId :
PB148276BS

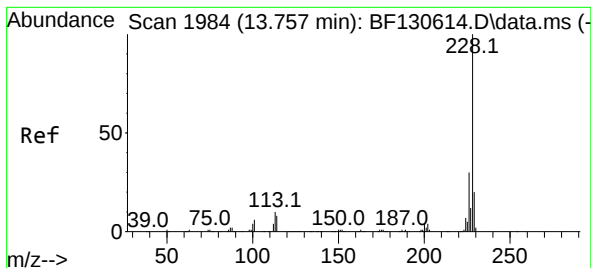
Tgt Ion:228 Resp: 592358
Ion Ratio Lower Upper
228 100
226 26.8 21.4 32.2
229 19.6 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 45.995 ng
RT: 13.692 min Scan# 1973
Delta R.T. 0.006 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

Tgt Ion:252 Resp: 172321
Ion Ratio Lower Upper
252 100
254 64.5 50.9 76.3
126 9.4 10.2 15.4#





#83

Chrysene

Concen: 45.247 ng

RT: 13.757 min Scan# 1984

Delta R.T. 0.000 min

Lab File: BF130624.D

Acq: 12 Oct 2022 11:55

Instrument :

BNA_F

ClientSampleId :

PB148276BS

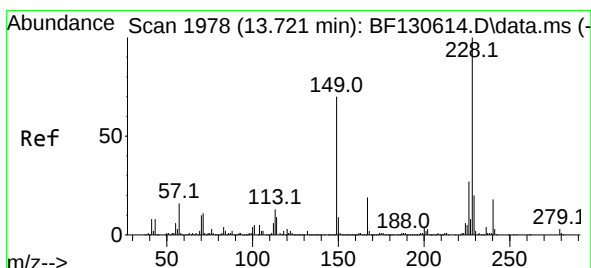
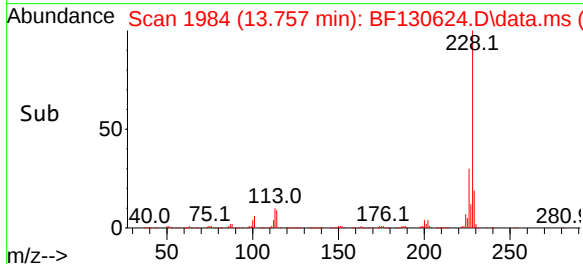
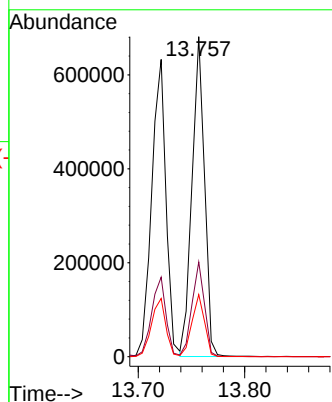
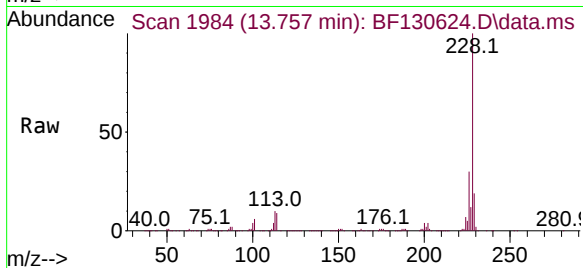
Tgt Ion:228 Resp: 556201

Ion Ratio Lower Upper

228 100

226 29.6 23.9 35.9

229 19.4 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.706 ng

RT: 13.722 min Scan# 1978

Delta R.T. 0.000 min

Lab File: BF130624.D

Acq: 12 Oct 2022 11:55

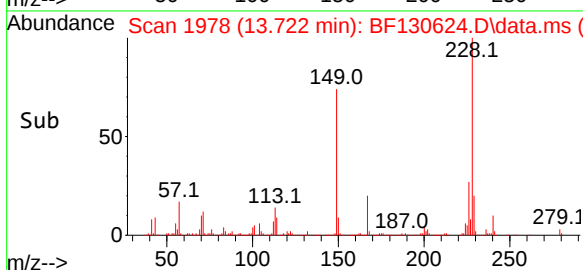
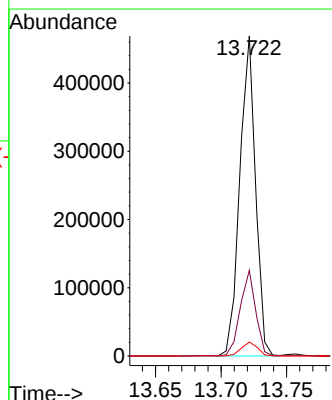
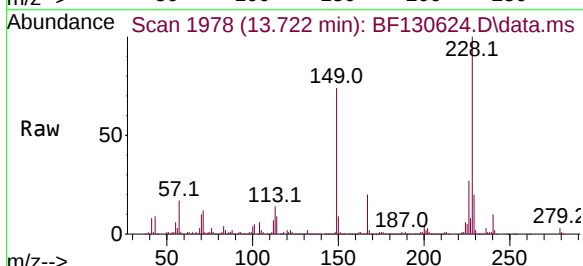
Tgt Ion:149 Resp: 392374

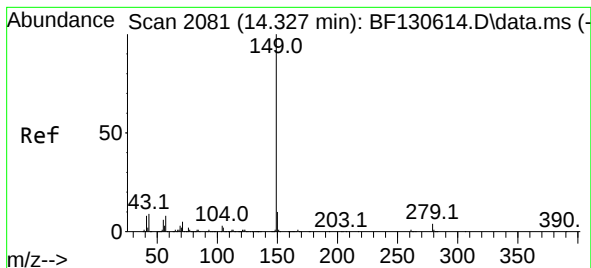
Ion Ratio Lower Upper

149 100

167 26.7 21.9 32.9

279 4.4 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 49.110 ng

RT: 14.333 min Scan# 2082

Delta R.T. 0.006 min

Lab File: BF130624.D

Acq: 12 Oct 2022 11:55

Instrument :

BNA_F

ClientSampleId :

PB148276BS

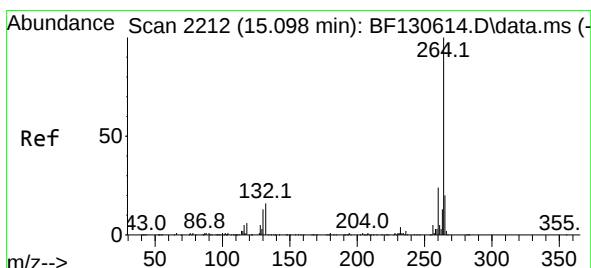
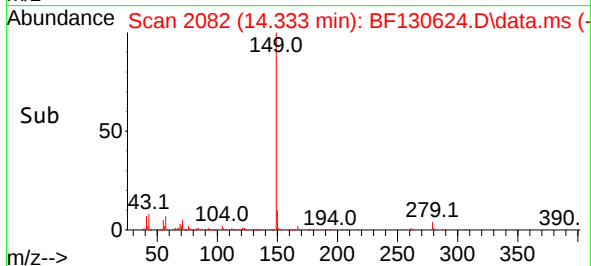
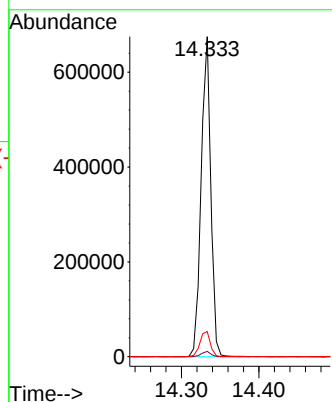
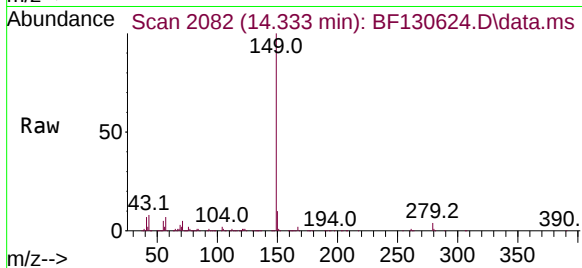
Tgt Ion:149 Resp: 582016

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 8.6 7.2 10.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.104 min Scan# 2213

Delta R.T. 0.006 min

Lab File: BF130624.D

Acq: 12 Oct 2022 11:55

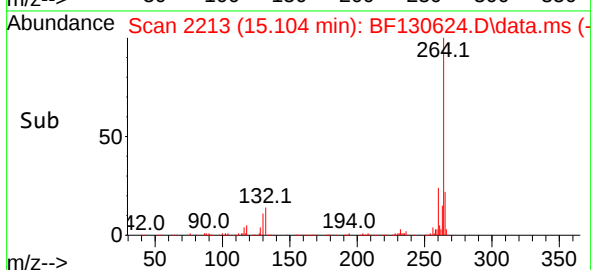
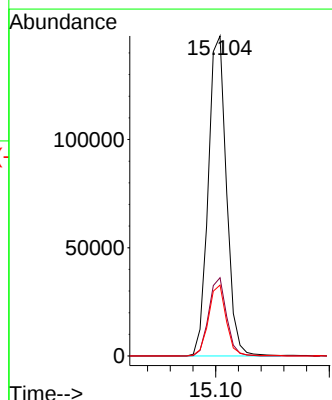
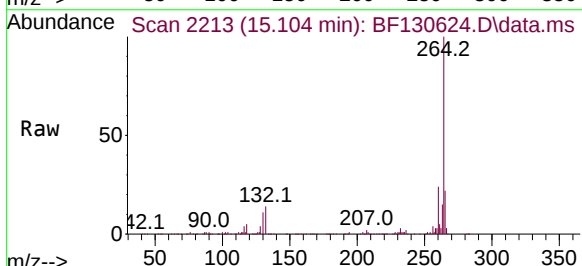
Tgt Ion:264 Resp: 164335

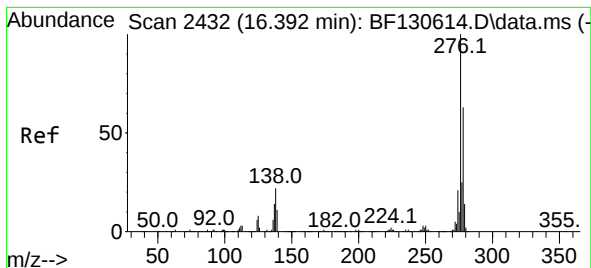
Ion Ratio Lower Upper

264 100

260 24.4 19.1 28.7

265 22.2 16.4 24.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.315 ng

RT: 16.392 min Scan# 2432

Delta R.T. 0.000 min

Lab File: BF130624.D

Acq: 12 Oct 2022 11:55

Instrument :

BNA_F

ClientSampleId :

PB148276BS

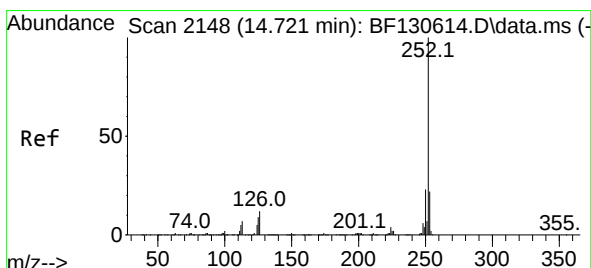
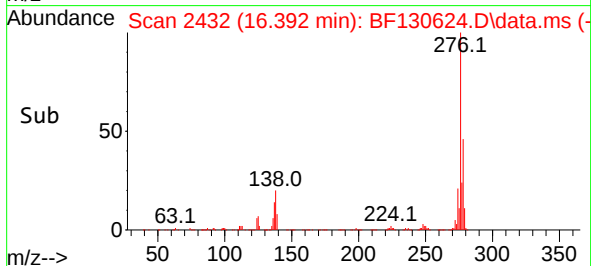
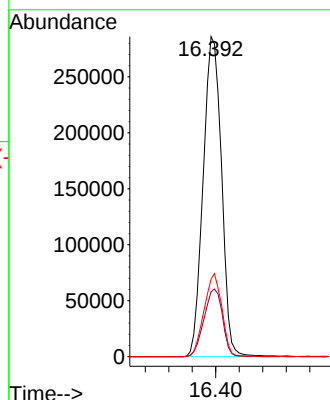
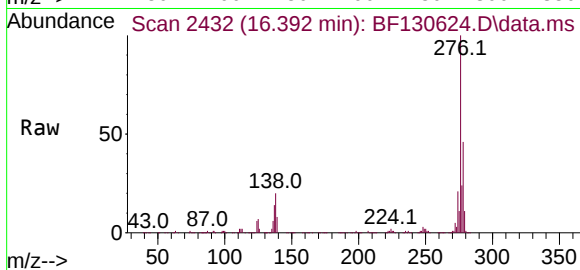
Tgt Ion:276 Resp: 618875

Ion Ratio Lower Upper

276 100

138 21.3 18.0 27.0

277 25.3 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 51.123 ng

RT: 14.727 min Scan# 2149

Delta R.T. 0.006 min

Lab File: BF130624.D

Acq: 12 Oct 2022 11:55

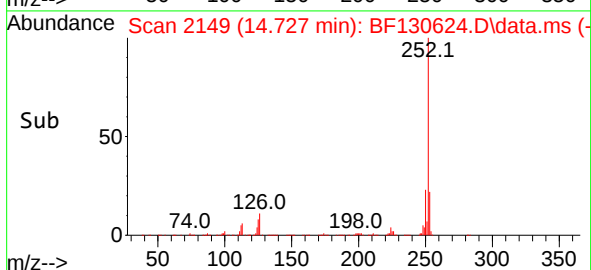
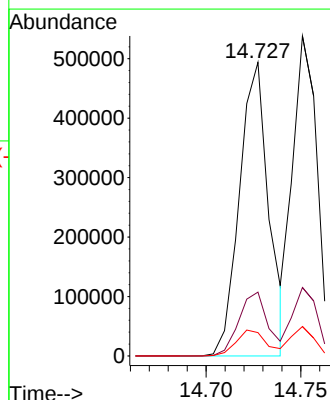
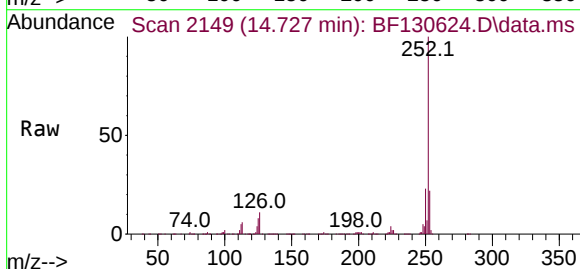
Tgt Ion:252 Resp: 531992

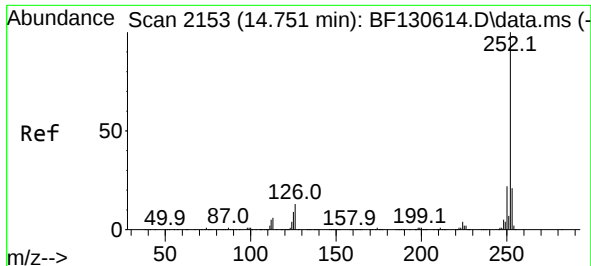
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 8.0 7.4 11.0

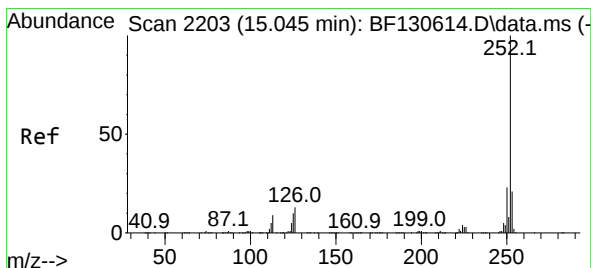
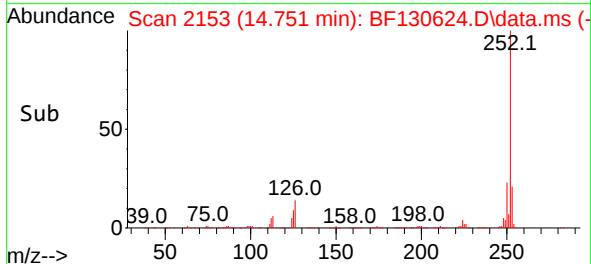
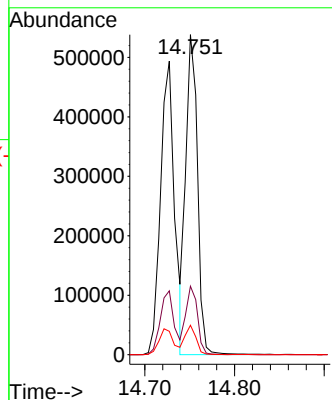
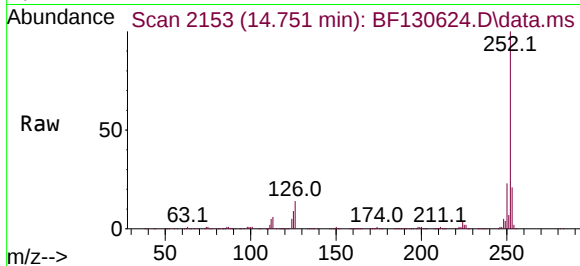




#89
Benzo(k)fluoranthene
Concen: 46.133 ng
RT: 14.751 min Scan# 2153
Delta R.T. 0.000 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

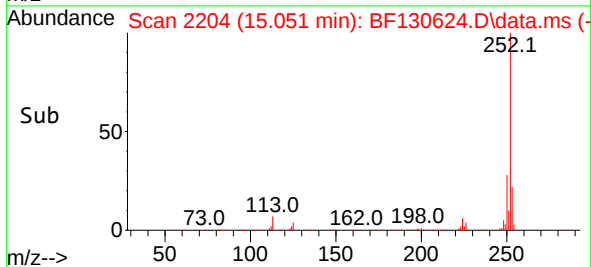
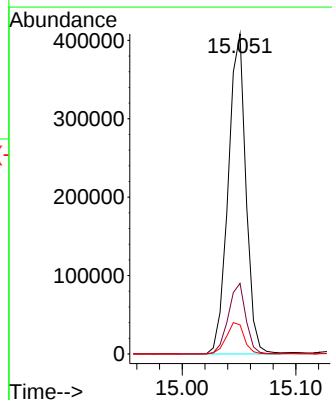
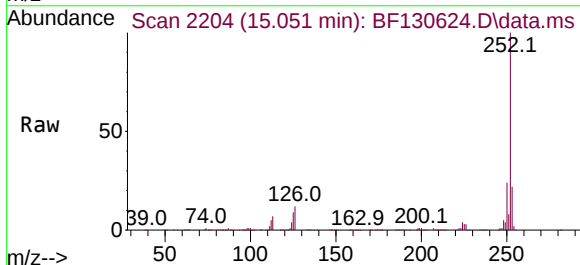
Instrument :
BNA_F
ClientSampleId :
PB148276BS

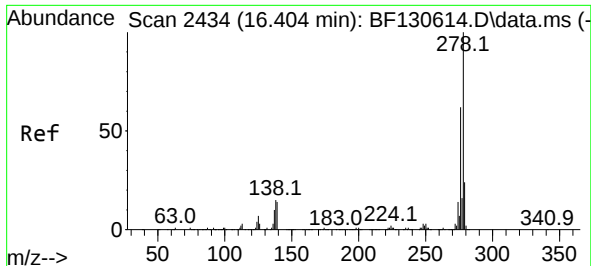
Tgt Ion:252 Resp: 488812
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.4
125 9.2 7.2 10.8



#90
Benzo(a)pyrene
Concen: 51.102 ng
RT: 15.051 min Scan# 2204
Delta R.T. 0.006 min
Lab File: BF130624.D
Acq: 12 Oct 2022 11:55

Tgt Ion:252 Resp: 442582
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 9.1 8.4 12.6

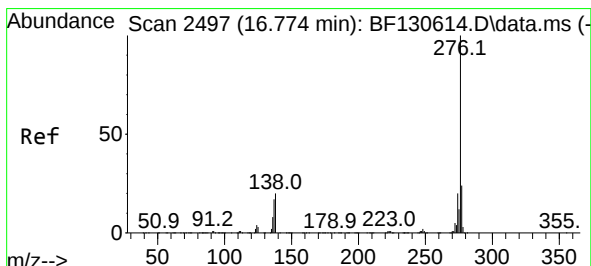
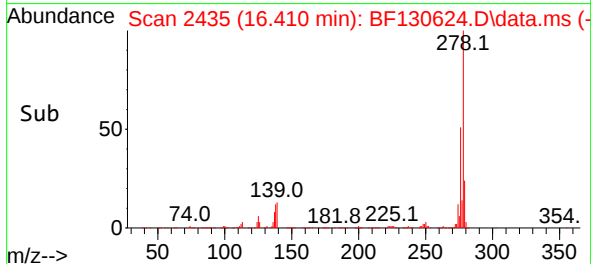
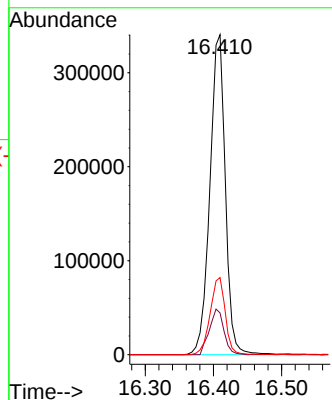
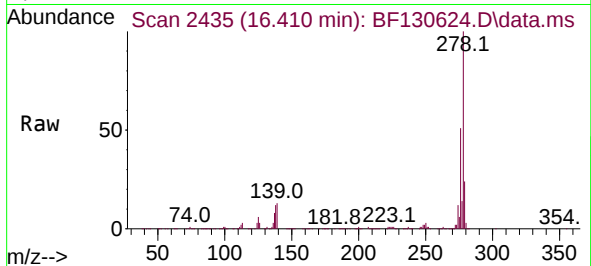




#91
 Dibenzo(a,h)anthracene
 Concen: 53.325 ng
 RT: 16.410 min Scan# 2435
 Delta R.T. 0.006 min
 Lab File: BF130624.D
 Acq: 12 Oct 2022 11:55

Instrument :
 BNA_F
 ClientSampleId :
 PB148276BS

Tgt Ion:278 Resp: 537633
 Ion Ratio Lower Upper
 278 100
 139 13.1 11.1 16.7
 279 24.1 19.0 28.4



#92
 Benzo(g,h,i)perylene
 Concen: 57.513 ng
 RT: 16.786 min Scan# 2499
 Delta R.T. 0.012 min
 Lab File: BF130624.D
 Acq: 12 Oct 2022 11:55

Tgt Ion:276 Resp: 540071
 Ion Ratio Lower Upper
 276 100
 277 24.3 18.9 28.3
 138 17.4 15.9 23.9

