

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050222\
 Data File : BF128018.D
 Acq On : 02 May 2022 11:22
 Operator : CG\JU
 Sample : PB144471BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144471BS

Quant Time: May 02 14:37:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 05:13:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	131888	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	513374	20.000	ng	0.00
39) Acenaphthene-d10	9.981	164	298688	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	546238	20.000	ng	0.00
76) Chrysene-d12	14.121	240	360495	20.000	ng	0.00
86) Perylene-d12	15.633	264	271291	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1047576	126.514	ng	0.02
7) Phenol-d6	6.569	99	1375699	128.040	ng	0.00
23) Nitrobenzene-d5	7.504	82	1021404	93.559	ng	0.00
42) 2,4,6-Tribromophenol	10.775	330	429386	142.805	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1652265	93.583	ng	0.00
79) Terphenyl-d14	13.057	244	1912508	97.009	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.905	88	145979	36.950	ng	97
3) Pyridine	3.652	79	401633	39.676	ng	98
4) n-Nitrosodimethylamine	3.622	42	243984	49.794	ng	93
6) Aniline	6.598	93	505473	39.597	ng	98
8) 2-Chlorophenol	6.722	128	429962	50.030	ng	98
9) Benzaldehyde	6.487	77	278527	41.904	ng	95
10) Phenol	6.581	94	537728	49.622	ng	91
11) bis(2-Chloroethyl)ether	6.669	93	431673	48.021	ng	98
12) 1,3-Dichlorobenzene	6.875	146	455464	46.041	ng	99
13) 1,4-Dichlorobenzene	6.951	146	450192	45.592	ng	99
14) 1,2-Dichlorobenzene	7.098	146	433749	47.450	ng	98
15) Benzyl Alcohol	7.075	79	376174	51.485	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.198	45	641161	46.668	ng	90
17) 2-Methylphenol	7.187	107	382756	51.618	ng	93
18) Hexachloroethane	7.440	117	179748	49.515	ng	96
19) n-Nitroso-di-n-propyla...	7.345	70	336959	51.232	ng	98
20) 3+4-Methylphenols	7.340	107	424044	47.339	ng	# 87
22) Acetophenone	7.345	105	589465	47.110	ng	# 92
24) Nitrobenzene	7.522	77	522272	49.646	ng	99
25) Isophorone	7.757	82	954717	51.959	ng	99
26) 2-Nitrophenol	7.834	139	228195	50.904	ng	95
27) 2,4-Dimethylphenol	7.863	122	400739	53.820	ng	97
28) bis(2-Chloroethoxy)met...	7.957	93	554726	47.107	ng	100
29) 2,4-Dichlorophenol	8.075	162	368924	47.295	ng	100
30) 1,2,4-Trichlorobenzene	8.157	180	401773	45.343	ng	98
31) Naphthalene	8.240	128	1208679	46.226	ng	99
32) Benzoic acid	8.010	122	213388	39.983	ng	97
33) 4-Chloroaniline	8.287	127	265962	25.708	ng	100
34) Hexachlorobutadiene	8.345	225	264006	47.302	ng	98
35) Caprolactam	8.681	113	69272	27.511	ng	98
36) 4-Chloro-3-methylphenol	8.775	107	423273	50.808	ng	96
37) 2-Methylnaphthalene	8.934	142	821480	47.539	ng	100
38) 1-Methylnaphthalene	9.034	142	782736	46.602	ng	100
40) 1,2,4,5-Tetrachloroben...	9.098	216	401406	45.594	ng	98
41) Hexachlorocyclopentadiene	9.081	237	523301	109.710	ng	99
43) 2,4,6-Trichlorophenol	9.210	196	269729	46.562	ng	99

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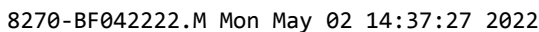
Instrument :
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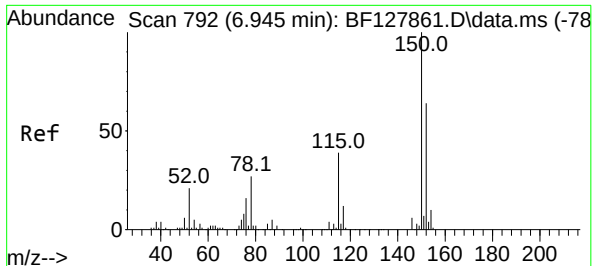
Quant Time: May 02 14:37:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 05:13:03 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.257	196	284759	45.219	ng	96
46) 1,1'-Biphenyl	9.398	154	1009382	45.621	ng	99
47) 2-Chloronaphthalene	9.422	162	753056	44.710	ng	96
48) 2-Nitroaniline	9.522	65	288483	50.634	ng	96
49) Acenaphthylene	9.845	152	1222344	47.443	ng	100
50) Dimethylphthalate	9.698	163	951646	47.507	ng	100
51) 2,6-Dinitrotoluene	9.769	165	214682	49.499	ng	91
52) Acenaphthene	10.016	154	726393	41.936	ng	99
53) 3-Nitroaniline	9.934	138	144251	29.952	ng	96
54) 2,4-Dinitrophenol	10.051	184	224953	98.487	ng #	85
55) Dibenzofuran	10.186	168	1097542	43.918	ng	99
56) 4-Nitrophenol	10.110	139	306866	83.442	ng	96
57) 2,4-Dinitrotoluene	10.175	165	285806	49.749	ng #	79
58) Fluorene	10.534	166	866122	46.446	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.304	232	241598	45.623	ng	98
60) Diethylphthalate	10.398	149	926503	47.167	ng	99
61) 4-Chlorophenyl-phenyle...	10.516	204	429928	46.395	ng	94
62) 4-Nitroaniline	10.563	138	215044	45.672	ng	97
63) Azobenzene	10.681	77	992258	45.907	ng	98
65) 4,6-Dinitro-2-methylph...	10.586	198	158437	48.815	ng	97
66) n-Nitrosodiphenylamine	10.639	169	773639	45.517	ng	100
67) 4-Bromophenyl-phenylether	11.010	248	278397	45.975	ng	97
68) Hexachlorobenzene	11.081	284	305032	47.812	ng #	92
69) Atrazine	11.169	200	282308	53.715	ng	96
70) Pentachlorophenol	11.275	266	316406	84.301	ng	98
71) Phenanthrene	11.498	178	1270699	44.441	ng	99
72) Anthracene	11.551	178	1306639	45.875	ng	100
73) Carbazole	11.704	167	1169858	42.616	ng	99
74) Di-n-butylphthalate	12.022	149	1429065	46.296	ng	99
75) Fluoranthene	12.692	202	1354997	45.027	ng	97
77) Benzidine	12.810	184	586256	85.948	ng	97
78) Pyrene	12.922	202	1381141	47.460	ng	100
80) Butylbenzylphthalate	13.527	149	576696	50.560	ng	99
81) Benzo(a)anthracene	14.110	228	1140731	47.475	ng	99
82) 3,3'-Dichlorobenzidine	14.069	252	219744	28.803	ng	99
83) Chrysene	14.151	228	1019200	44.414	ng	100
84) Bis(2-ethylhexyl)phtha...	14.080	149	766565	50.678	ng	100
85) Di-n-octyl phthalate	14.698	149	1162677	49.600	ng	99
87) Indeno(1,2,3-cd)pyrene	17.192	276	824281	45.520	ng	97
88) Benzo(b)fluoranthene	15.186	252	876134	51.418	ng	99
89) Benzo(k)fluoranthene	15.216	252	846091	49.286	ng	99
90) Benzo(a)pyrene	15.574	252	787604	55.724	ng #	97
91) Dibenzo(a,h)anthracene	17.210	278	702310	48.360	ng	98
92) Benzo(g,h,i)perylene	17.668	276	735696	48.070	ng	97

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

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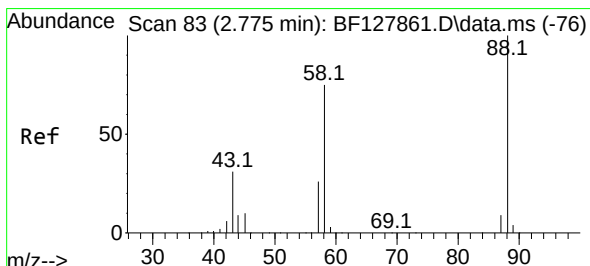
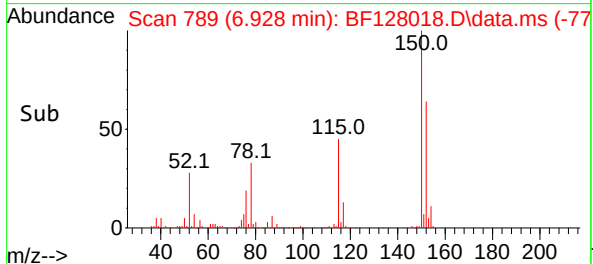
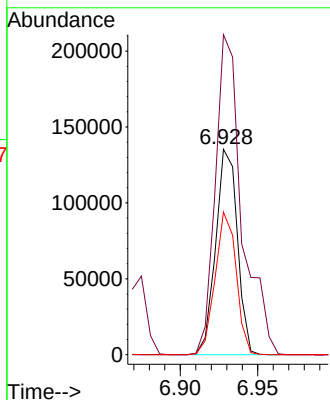
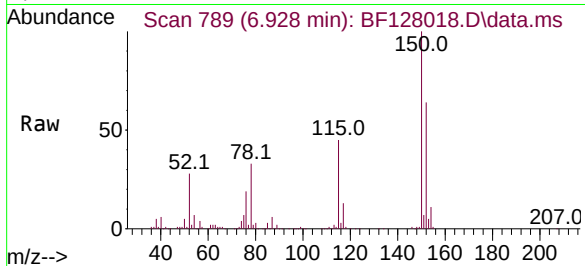




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF128018.D
 Acq: 02 May 2022 11:22

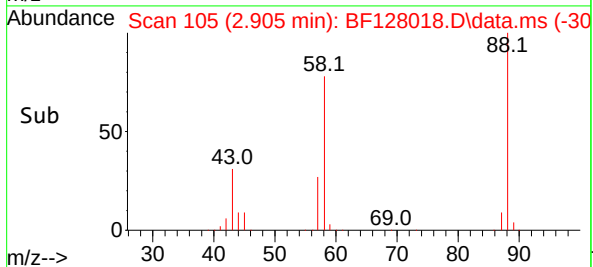
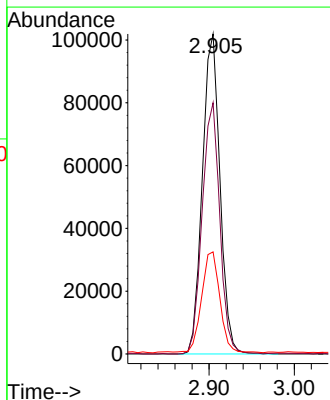
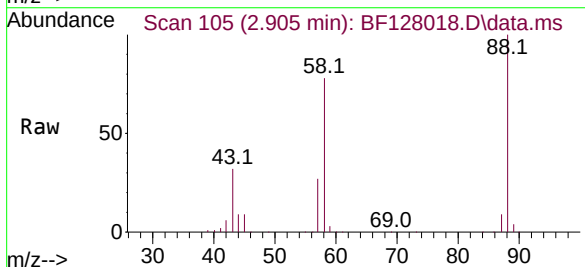
Instrument :
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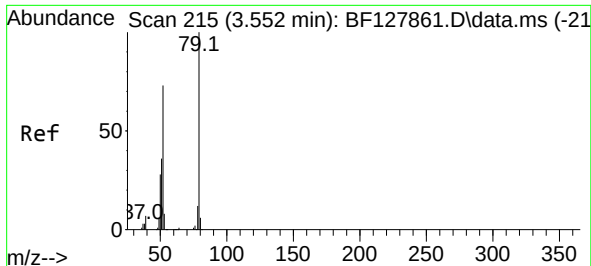
Tgt Ion:152 Resp: 131888
 Ion Ratio Lower Upper
 152 100
 150 155.7 125.3 187.9
 115 69.4 48.8 73.2



#2
 1,4-Dioxane
 Concen: 36.950 ng
 RT: 2.905 min Scan# 105
 Delta R.T. 0.141 min
 Lab File: BF128018.D
 Acq: 02 May 2022 11:22

Tgt Ion: 88 Resp: 145979
 Ion Ratio Lower Upper
 88 100
 58 78.7 61.0 91.4
 43 32.6 24.9 37.3

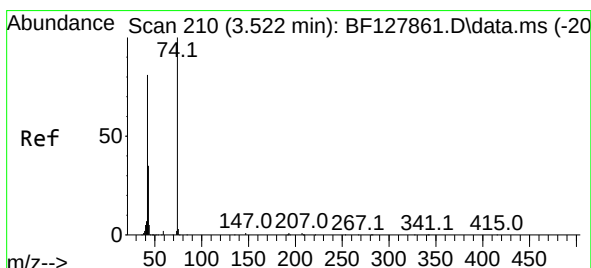
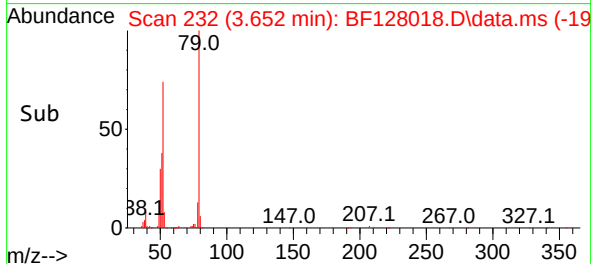
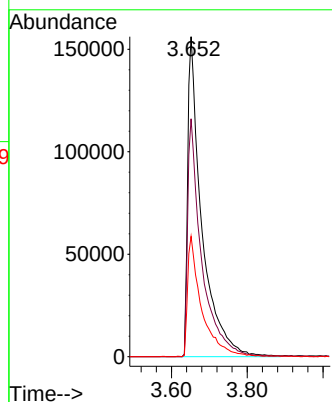
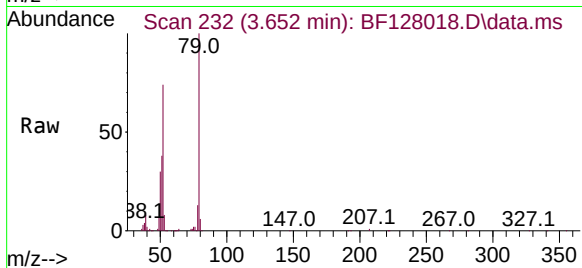




#3
Pyridine
Concen: 39.676 ng
RT: 3.652 min Scan# 21
Delta R.T. 0.112 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

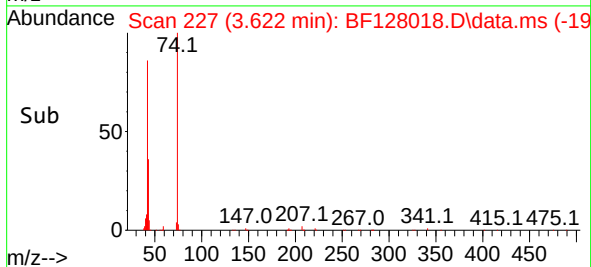
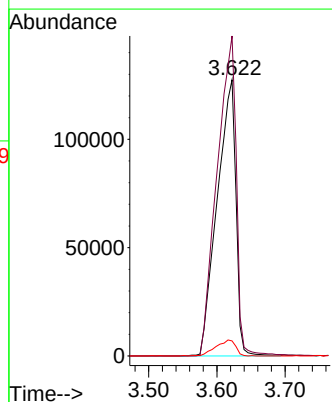
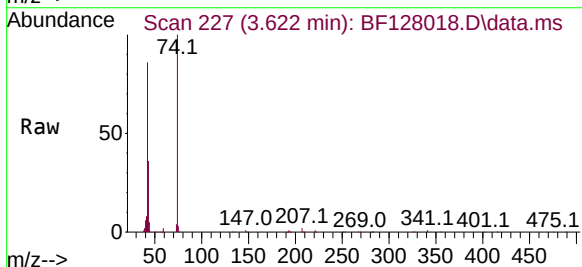
Instrument :
BNA_F
ClientSampleId :
PB144471BS

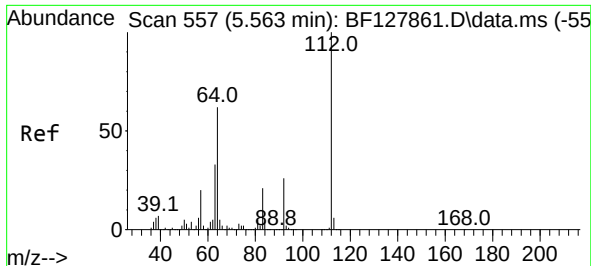
Tgt Ion: 79 Resp: 401633
Ion Ratio Lower Upper
79 100
52 74.3 58.3 87.5
51 37.6 28.6 42.8



#4
n-Nitrosodimethylamine
Concen: 49.794 ng
RT: 3.622 min Scan# 227
Delta R.T. 0.112 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Tgt Ion: 42 Resp: 243984
Ion Ratio Lower Upper
42 100
74 115.9 99.0 148.4
44 5.5 5.2 7.8

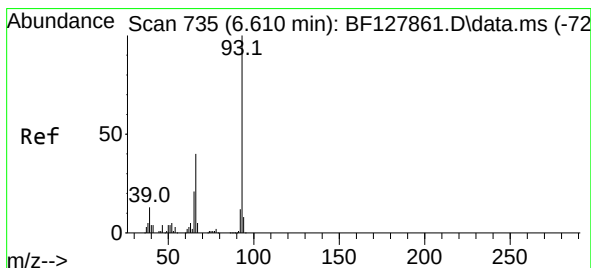
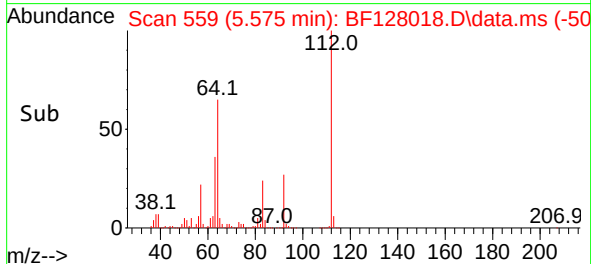
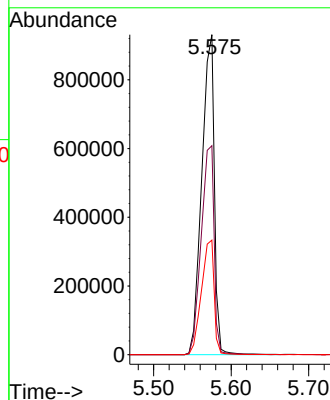
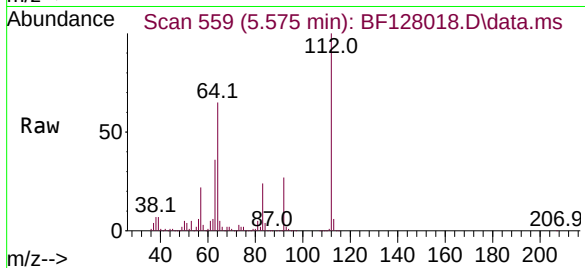




#5
2-Fluorophenol
Concen: 126.514 ng
RT: 5.575 min Scan# 511
Delta R.T. 0.024 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

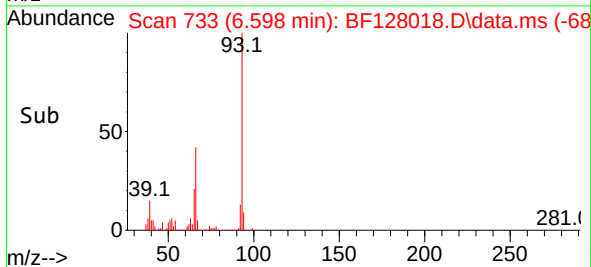
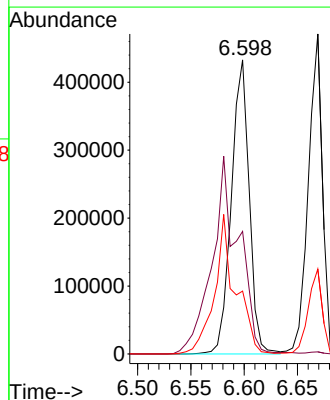
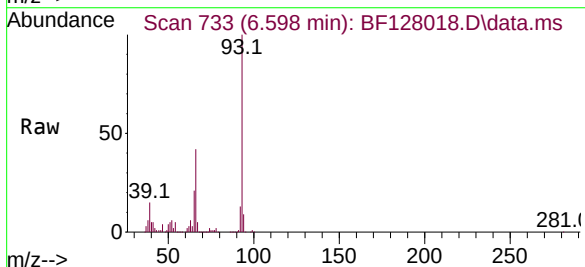
Instrument :
BNA_F
ClientSampleId :
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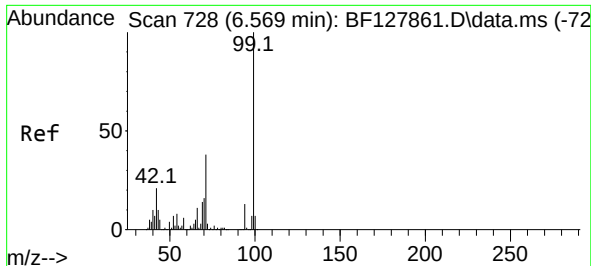
Tgt Ion:112 Resp: 1047576
Ion Ratio Lower Upper
112 100
64 65.3 49.5 74.3
63 35.8 26.3 39.5



#6
Aniline
Concen: 39.597 ng
RT: 6.598 min Scan# 733
Delta R.T. 0.000 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Tgt Ion: 93 Resp: 505473
Ion Ratio Lower Upper
93 100
66 41.7 32.2 48.4
65 21.4 16.7 25.1



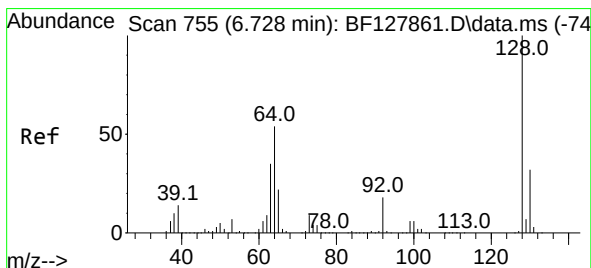
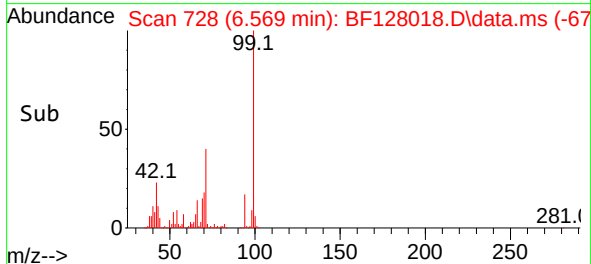
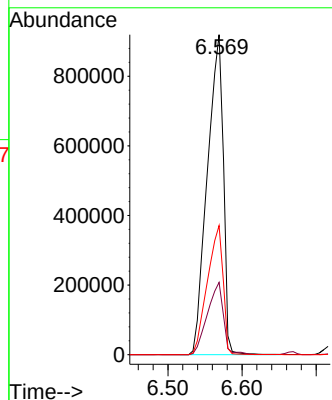
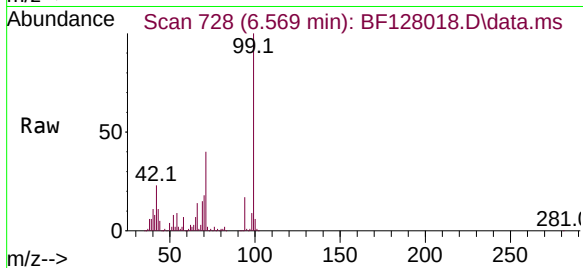


#7
Phenol-d6
Concen: 128.040 ng
RT: 6.569 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Instrument :
BNA_F
ClientSampleId :
PB144471BS

Tgt Ion: 99 Resp: 1375699

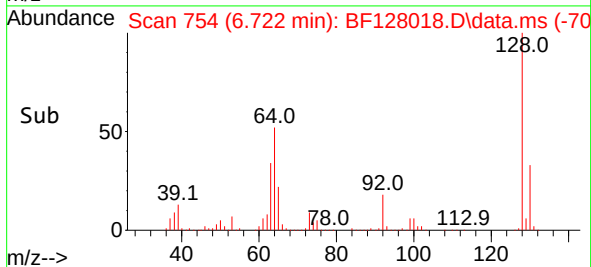
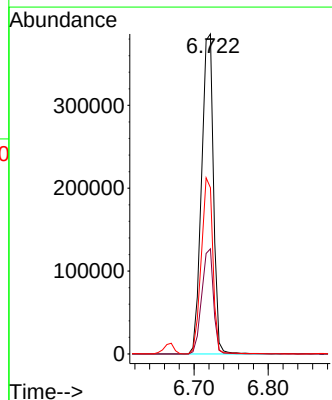
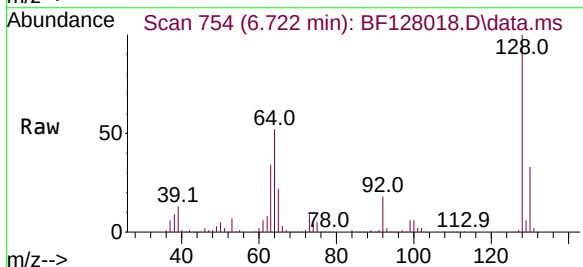
Ion	Ratio	Lower	Upper
99	100		
42	22.6	16.6	24.8
71	40.4	30.0	45.0

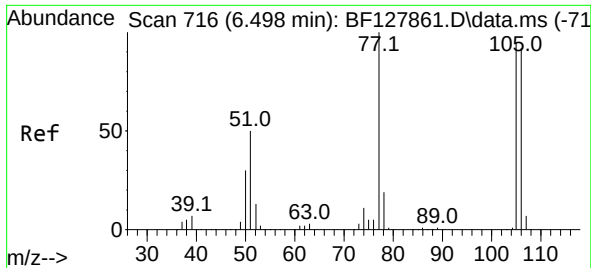


#8
2-Chlorophenol
Concen: 50.030 ng
RT: 6.722 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Tgt Ion: 128 Resp: 429962

Ion	Ratio	Lower	Upper
128	100		
130	32.8	11.6	51.6
64	52.0	33.8	73.8





#9

Benzaldehyde

Concen: 41.904 ng

RT: 6.487 min Scan# 716

Delta R.T. 0.000 min

Lab File: BF128018.D

Acq: 02 May 2022 11:22

Instrument :

BNA_F

ClientSampleId :

PB144471BS

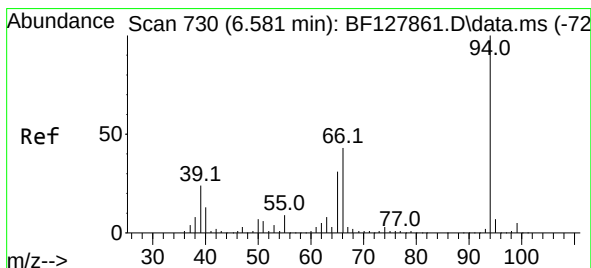
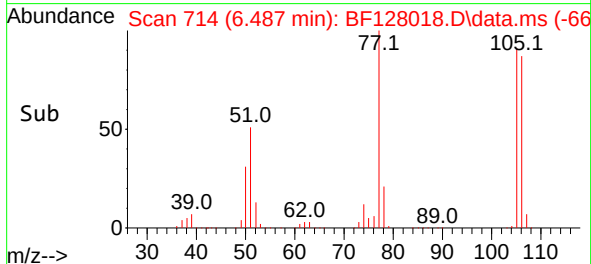
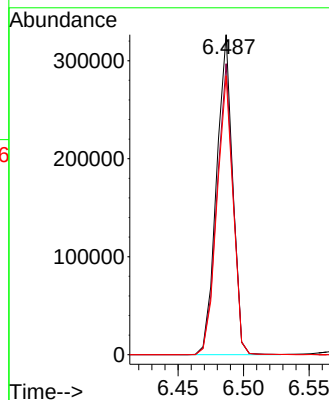
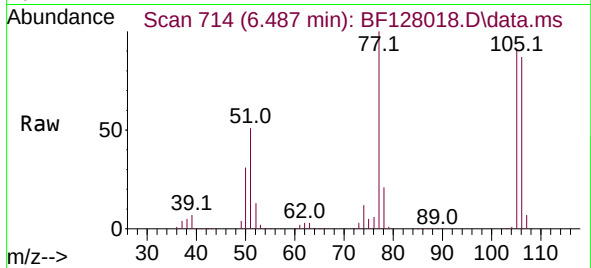
Tgt Ion: 77 Resp: 278527

Ion Ratio Lower Upper

77 100

105 90.9 74.9 114.9

106 87.2 72.2 112.2



#10

Phenol

Concen: 49.622 ng

RT: 6.581 min Scan# 730

Delta R.T. 0.006 min

Lab File: BF128018.D

Acq: 02 May 2022 11:22

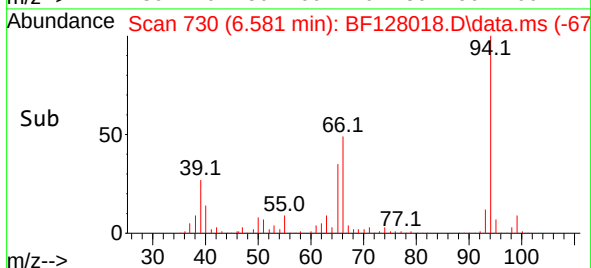
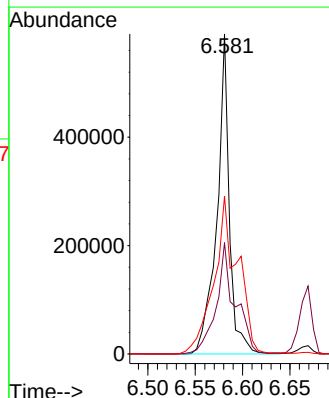
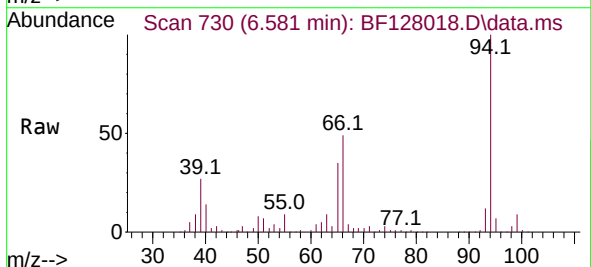
Tgt Ion: 94 Resp: 537728

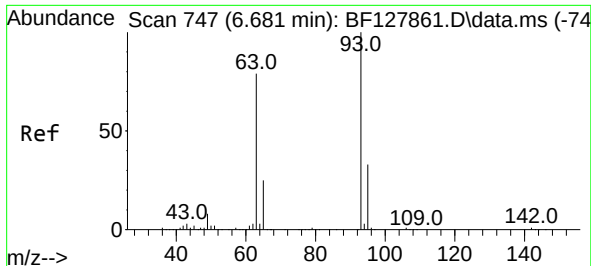
Ion Ratio Lower Upper

94 100

65 34.8 10.6 50.6

66 49.3 22.6 62.6

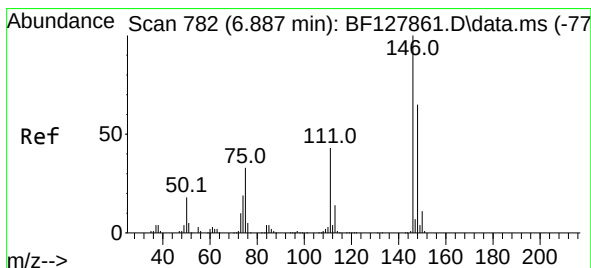
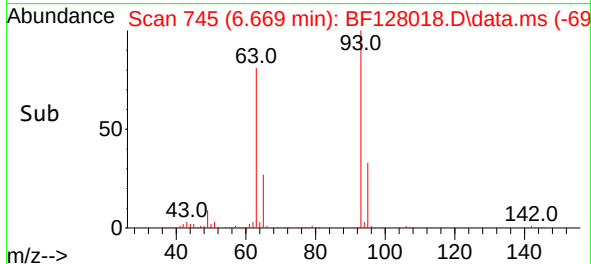
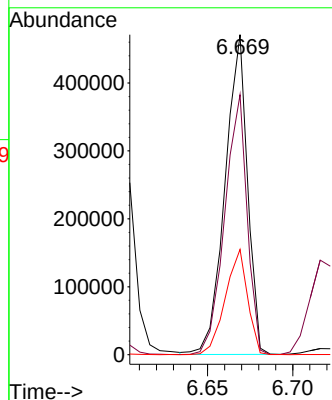
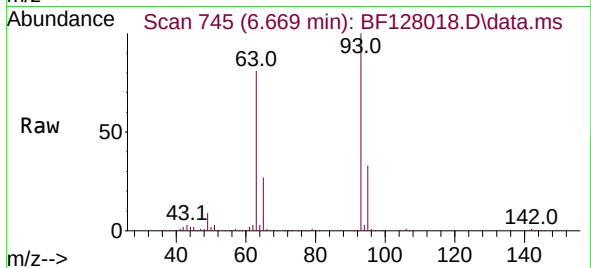




#11
bis(2-Chloroethyl)ether
Concen: 48.021 ng
RT: 6.669 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

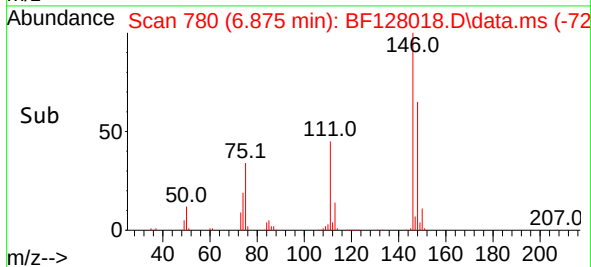
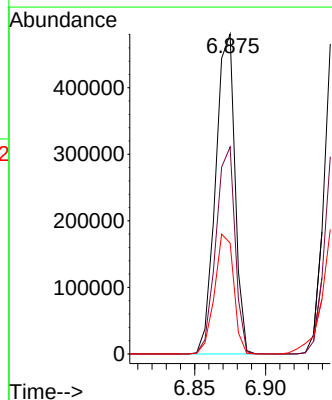
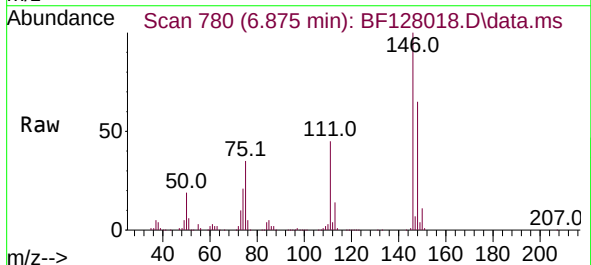
Instrument :
BNA_F
ClientSampleId :
PB144471BS

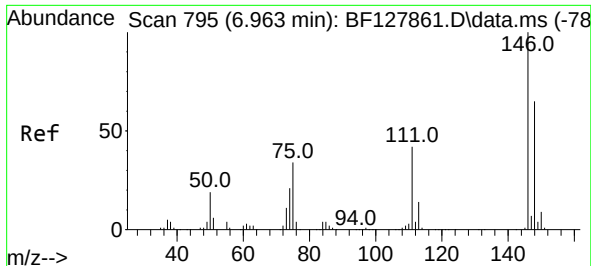
Tgt Ion: 93 Resp: 431673
Ion Ratio Lower Upper
93 100
63 81.3 58.6 98.6
95 32.9 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 46.041 ng
RT: 6.875 min Scan# 780
Delta R.T. 0.000 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Tgt Ion: 146 Resp: 455464
Ion Ratio Lower Upper
146 100
148 64.7 52.1 78.1
75 34.6 26.2 39.4

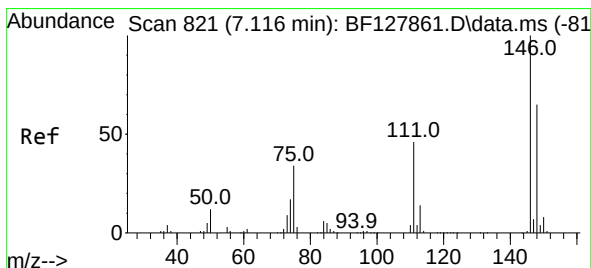
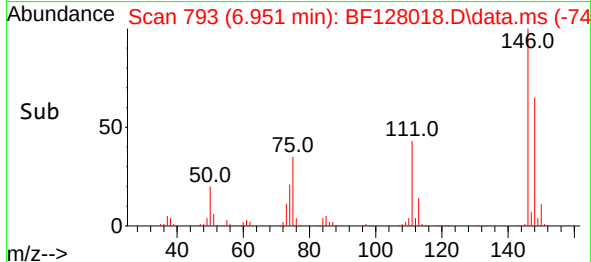
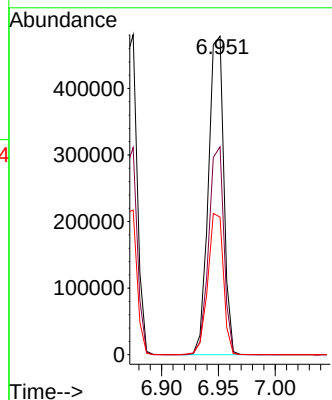
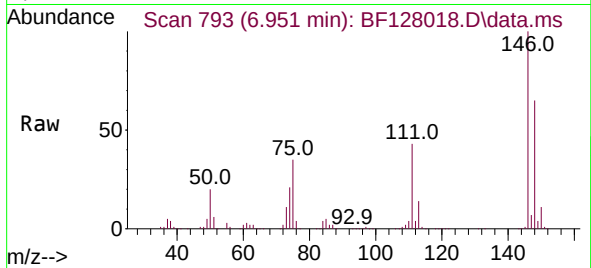




#13
1,4-Dichlorobenzene
Concen: 45.592 ng
RT: 6.951 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

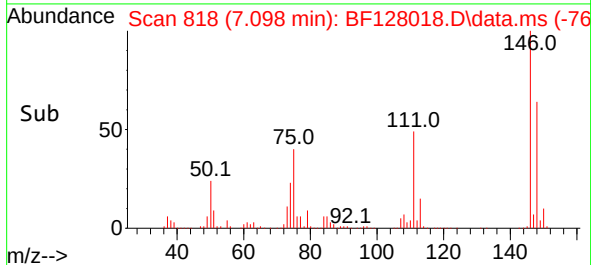
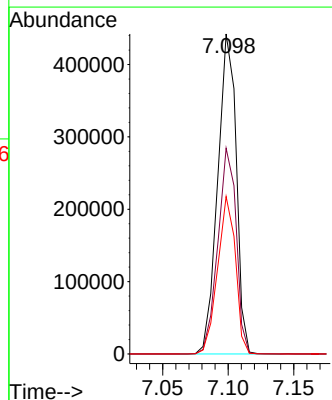
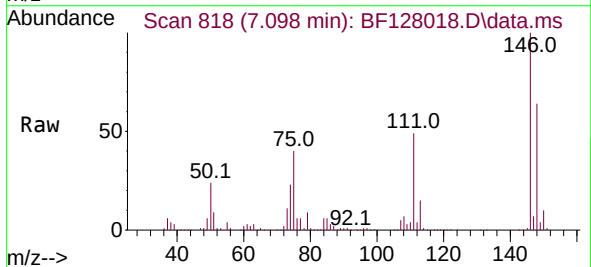
Instrument :
BNA_F
ClientSampleId :
PB144471BS

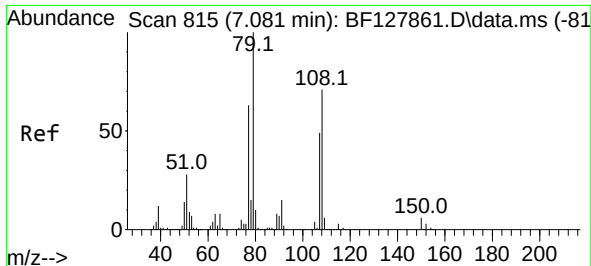
Tgt Ion:146 Resp: 450192
Ion Ratio Lower Upper
146 100
148 65.3 52.3 78.5
111 43.2 33.9 50.9



#14
1,2-Dichlorobenzene
Concen: 47.450 ng
RT: 7.098 min Scan# 818
Delta R.T. -0.006 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Tgt Ion:146 Resp: 433749
Ion Ratio Lower Upper
146 100
148 64.3 51.8 77.6
111 49.2 36.6 55.0

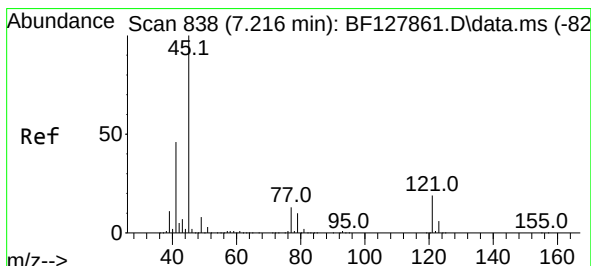
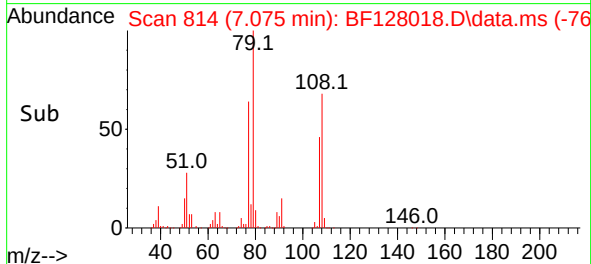
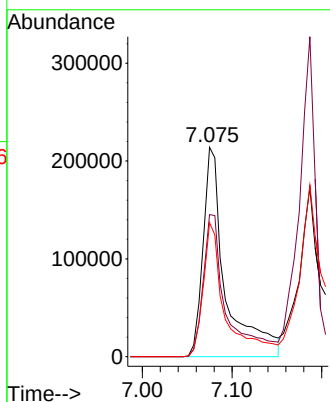
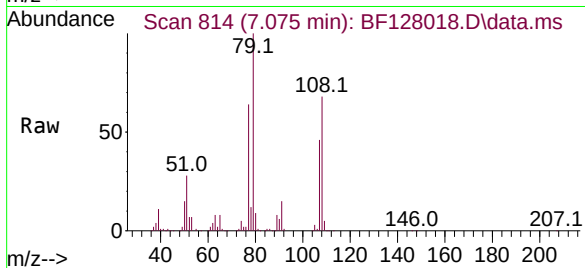




#15
Benzyl Alcohol
Concen: 51.485 ng
RT: 7.075 min Scan# 815
Delta R.T. 0.000 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

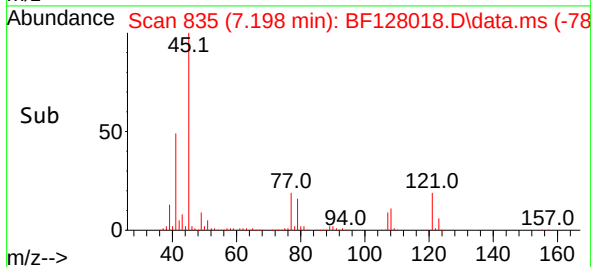
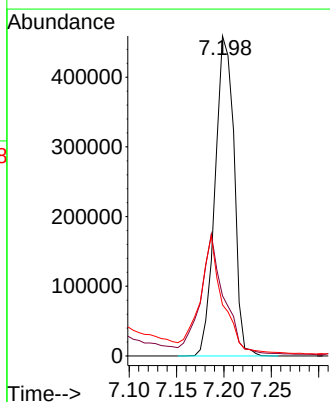
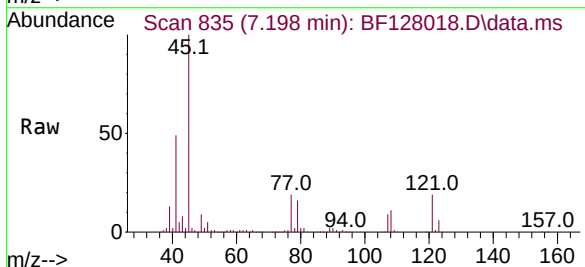
Instrument :
BNA_F
ClientSampleId :
PB144471BS

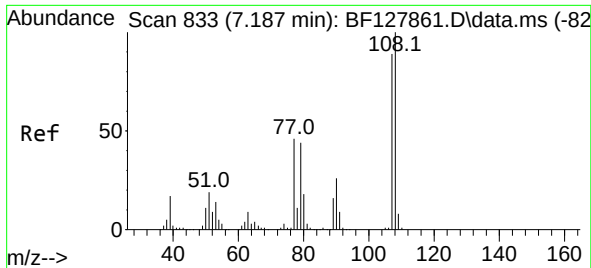
Tgt Ion: 79 Resp: 376174
Ion Ratio Lower Upper
79 100
108 67.8 57.0 85.6
77 64.0 50.2 75.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.668 ng
RT: 7.198 min Scan# 835
Delta R.T. -0.006 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Tgt Ion: 45 Resp: 641161
Ion Ratio Lower Upper
45 100
77 18.8 0.0 34.9
79 15.9 0.0 31.6

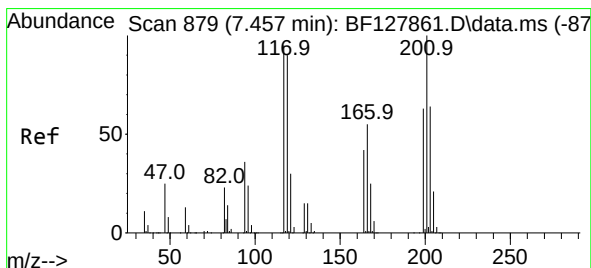
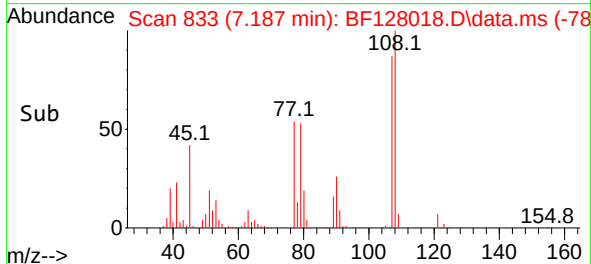
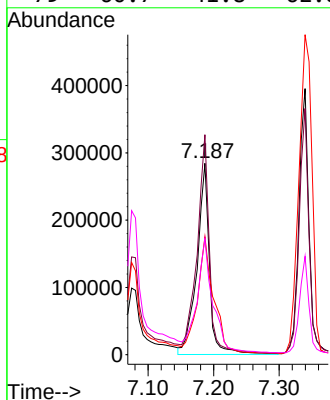
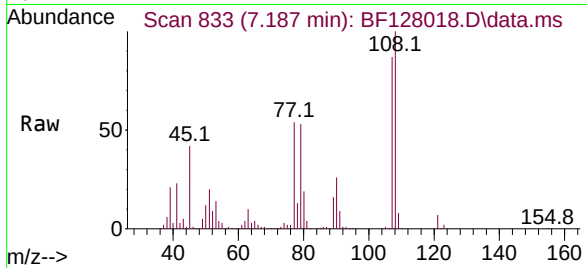




#17
2-Methylphenol
Concen: 51.618 ng
RT: 7.187 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

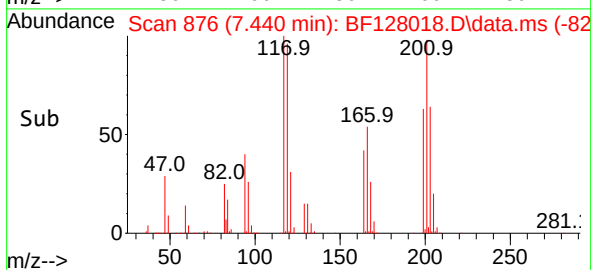
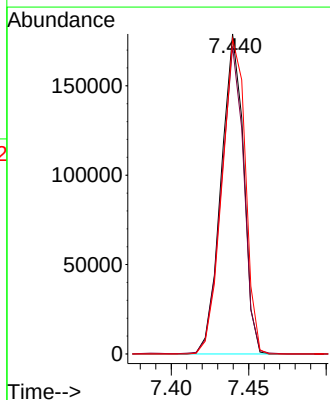
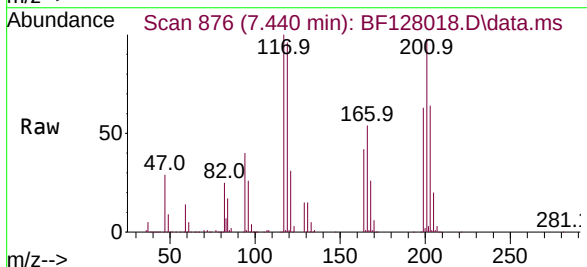
Instrument :
BNA_F
ClientSampleId :
PB144471BS

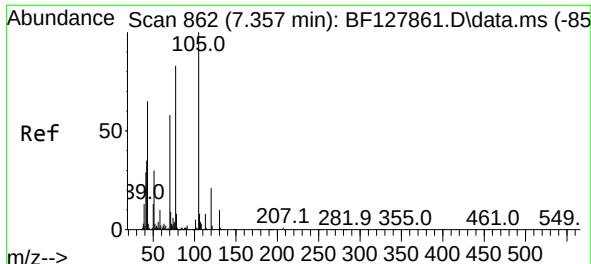
Tgt Ion:107 Resp: 382756
Ion Ratio Lower Upper
107 100
108 115.0 90.2 135.2
77 61.6 41.9 62.9
79 60.7 41.8 62.8



#18
Hexachloroethane
Concen: 49.515 ng
RT: 7.440 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Tgt Ion:117 Resp: 179748
Ion Ratio Lower Upper
117 100
119 96.0 76.2 114.4
201 98.5 84.4 126.6

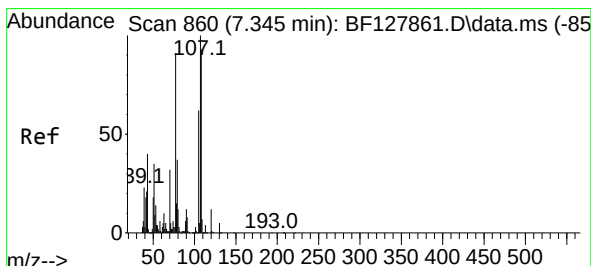
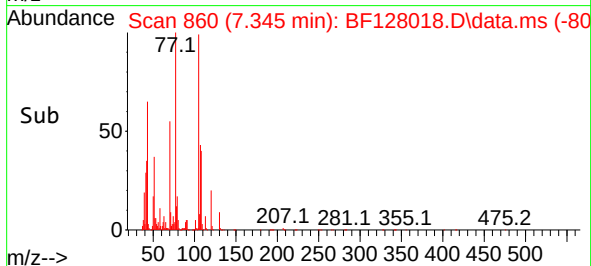
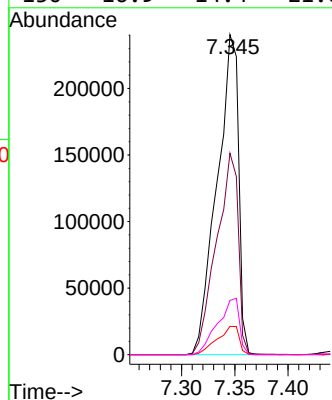
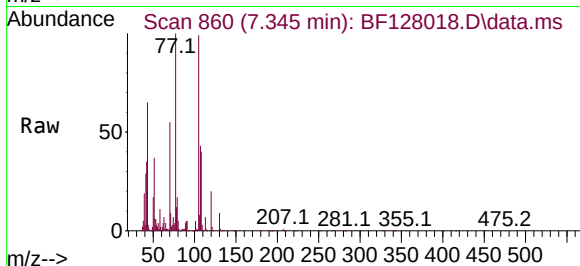




#19
n-Nitroso-di-n-propylamine
Concen: 51.232 ng
RT: 7.345 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

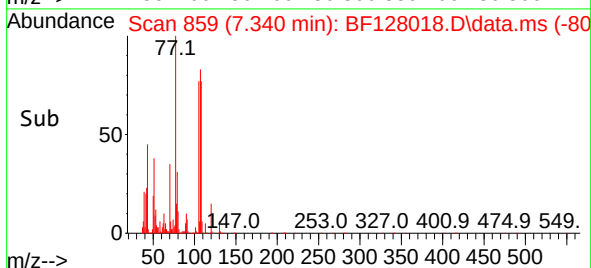
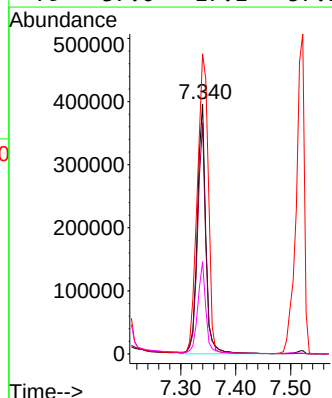
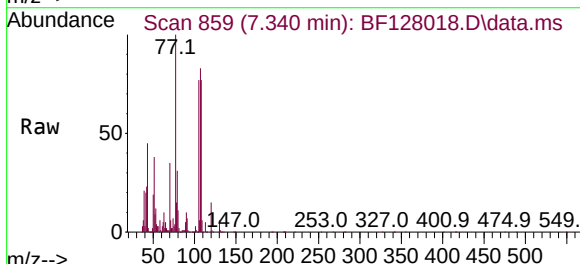
Instrument :
BNA_F
ClientSampleId :
PB144471BS

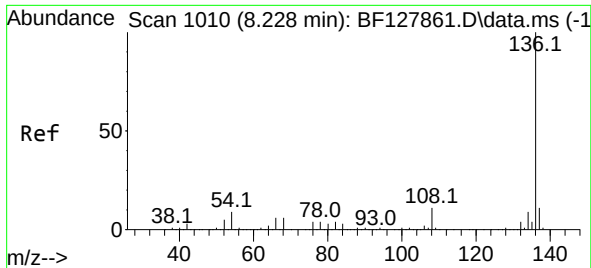
Tgt Ion: 70 Resp: 336959
Ion Ratio Lower Upper
70 100
42 63.0 48.7 73.1
101 8.8 7.2 10.8
130 16.9 14.4 21.6



#20
3+4-Methylphenols
Concen: 47.339 ng
RT: 7.340 min Scan# 859
Delta R.T. 0.006 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Tgt Ion: 107 Resp: 424044
Ion Ratio Lower Upper
107 100
108 92.5 73.4 113.4
77 120.2 71.1 111.1#
79 37.0 17.1 57.1

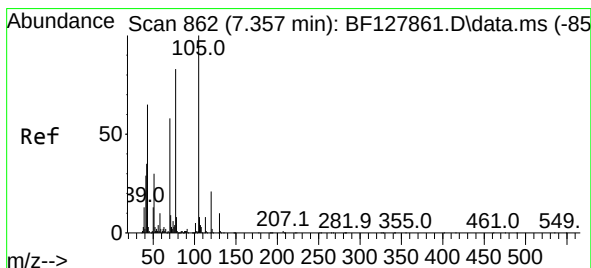
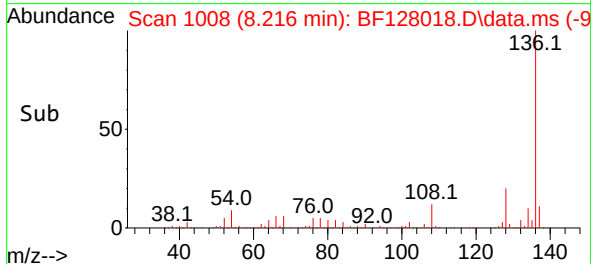
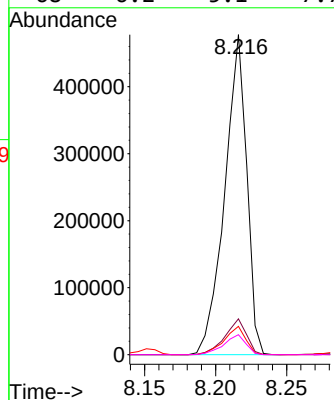
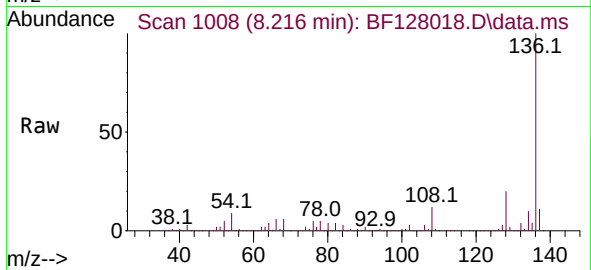




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

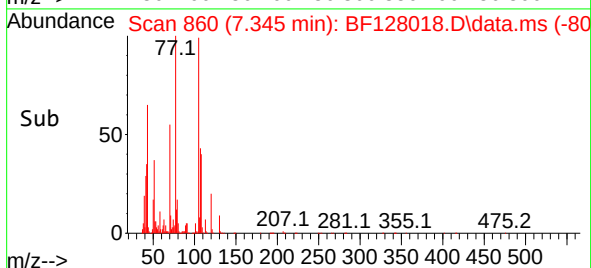
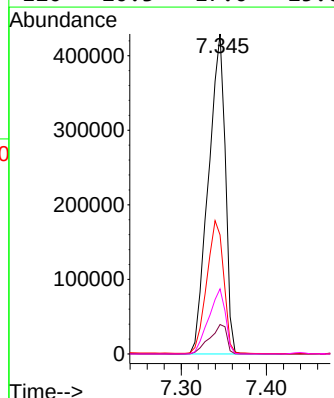
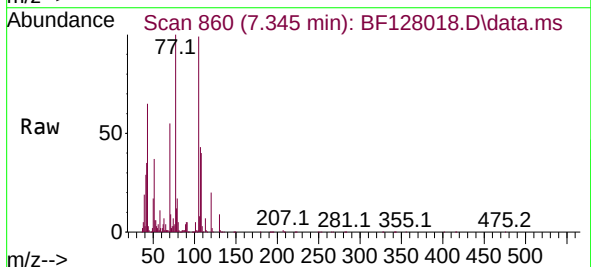
Instrument :
BNA_F
ClientSampleId :
PB144471BS

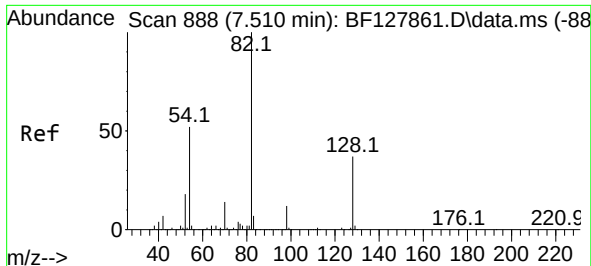
Tgt Ion:136	Resp: 513374
Ion Ratio	Lower Upper
136 100	
137 11.2	8.6 13.0
54 8.9	6.8 10.2
68 6.2	5.1 7.7



#22
Acetophenone
Concen: 47.110 ng
RT: 7.345 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Tgt	Ion:105	Resp:	589465
Ion	Ratio	Lower	Upper
105	100		
71	9.2	7.3	10.9
51	37.2	23.7	35.5#
120	20.3	17.0	25.6

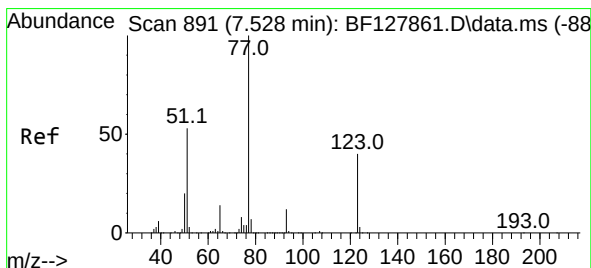
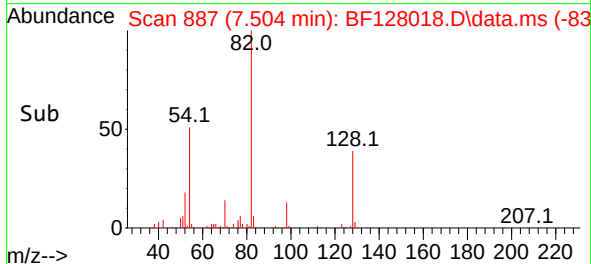
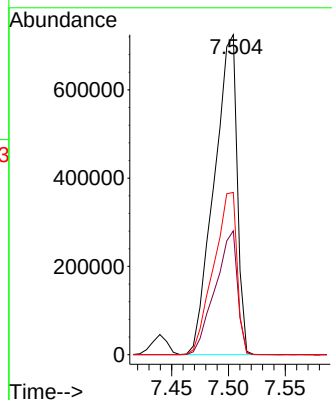
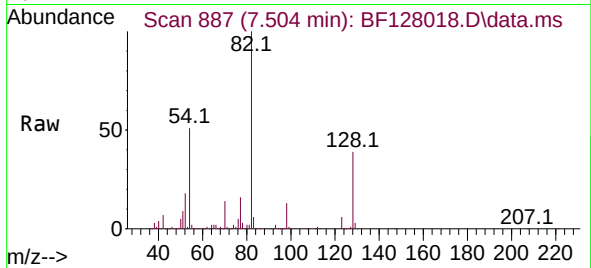




#23
Nitrobenzene-d5
Concen: 93.559 ng
RT: 7.504 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

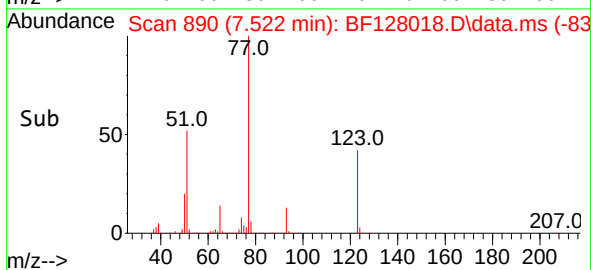
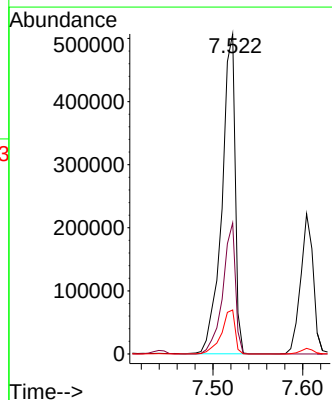
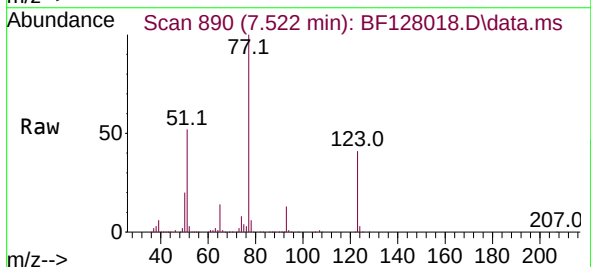
Instrument :
BNA_F
ClientSampleId :
PB144471BS

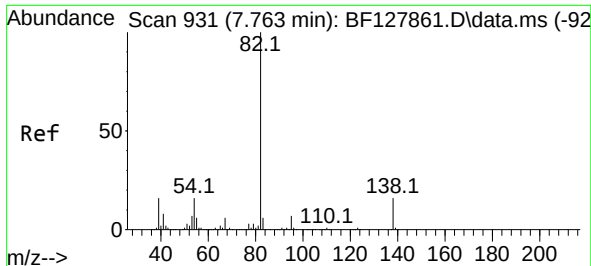
Tgt Ion: 82 Resp: 1021404
Ion Ratio Lower Upper
82 100
128 38.7 30.0 45.0
54 50.7 41.3 61.9



#24
Nitrobenzene
Concen: 49.646 ng
RT: 7.522 min Scan# 890
Delta R.T. 0.000 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Tgt Ion: 77 Resp: 522272
Ion Ratio Lower Upper
77 100
123 41.0 32.0 48.0
65 13.8 11.0 16.6

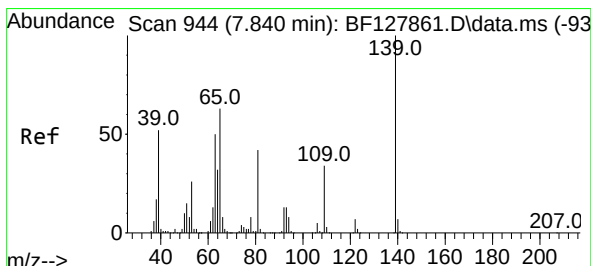
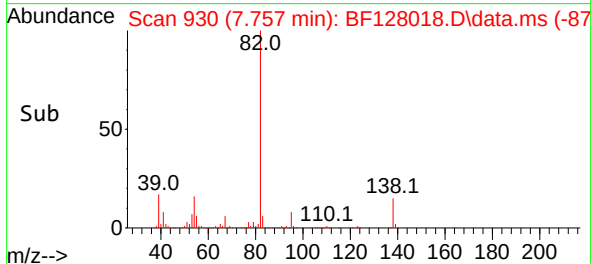
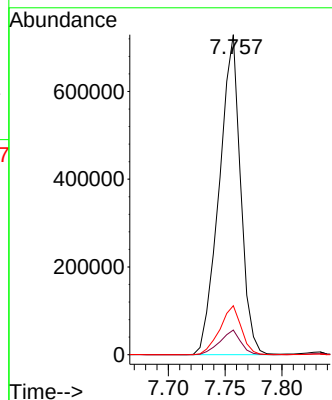
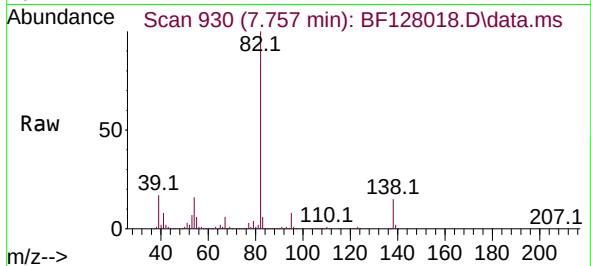




#25
Isophorone
Concen: 51.959 ng
RT: 7.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

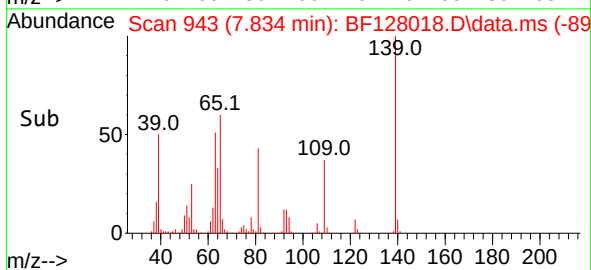
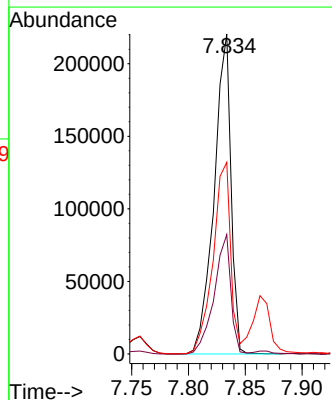
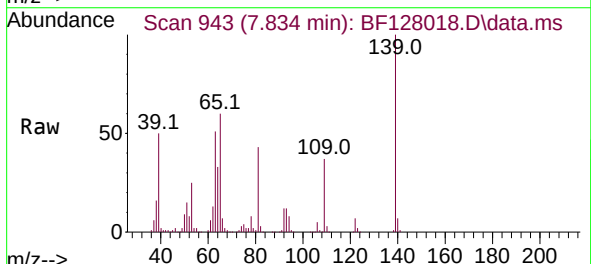
Instrument :
BNA_F
ClientSampleId :
PB144471BS

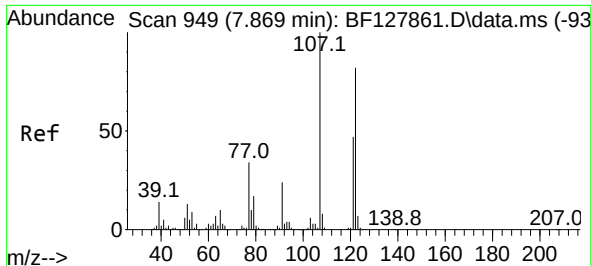
Tgt Ion: 82 Resp: 954717
Ion Ratio Lower Upper
82 100
95 7.7 5.6 8.4
138 15.3 12.5 18.7



#26
2-Nitrophenol
Concen: 50.904 ng
RT: 7.834 min Scan# 943
Delta R.T. 0.000 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Tgt Ion: 139 Resp: 228195
Ion Ratio Lower Upper
139 100
109 37.3 27.4 41.2
65 59.9 50.8 76.2





#27

2,4-Dimethylphenol

Concen: 53.820 ng

RT: 7.863 min Scan# 94

Delta R.T. 0.000 min

Lab File: BF128018.D

Acq: 02 May 2022 11:22

Instrument :

BNA_F

ClientSampleId :

PB144471BS

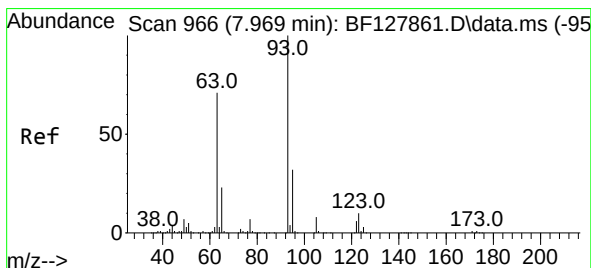
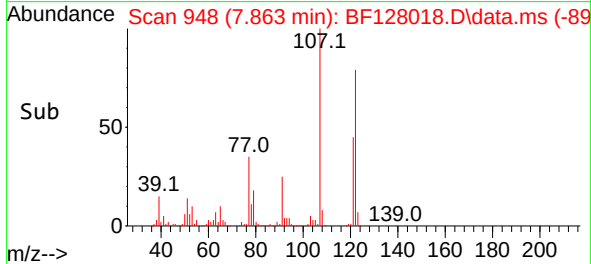
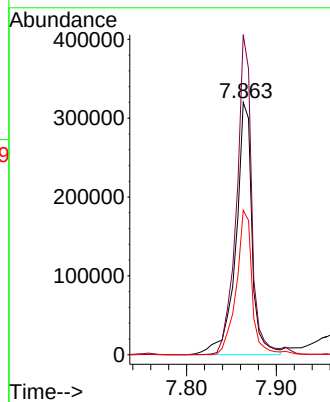
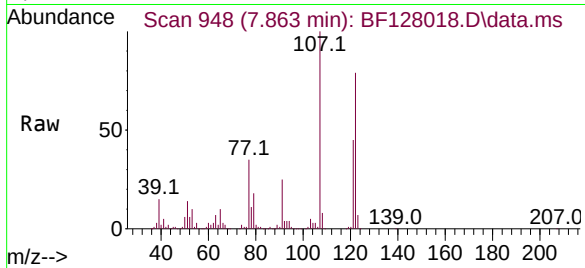
Tgt Ion:122 Resp: 400739

Ion Ratio Lower Upper

122 100

107 126.9 97.5 146.3

121 57.3 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 47.107 ng

RT: 7.957 min Scan# 964

Delta R.T. -0.006 min

Lab File: BF128018.D

Acq: 02 May 2022 11:22

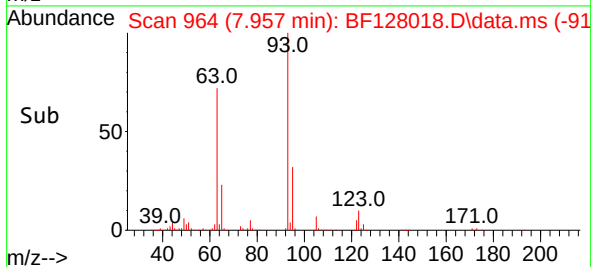
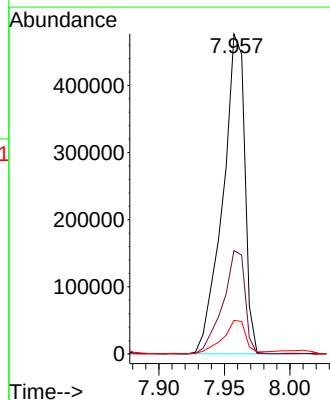
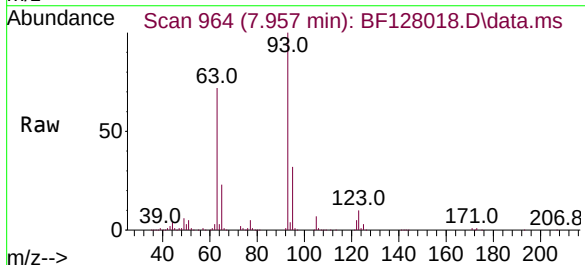
Tgt Ion: 93 Resp: 554726

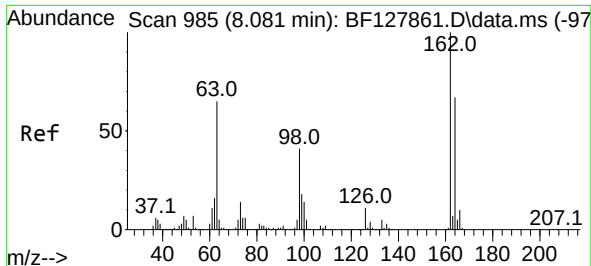
Ion Ratio Lower Upper

93 100

95 32.3 25.7 38.5

123 10.5 8.3 12.5

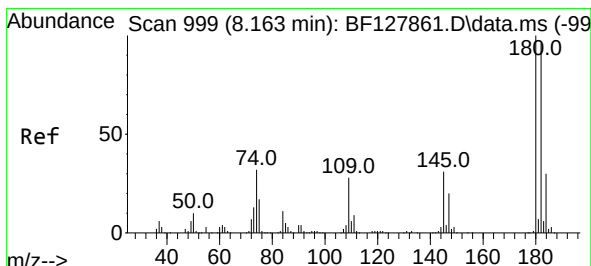
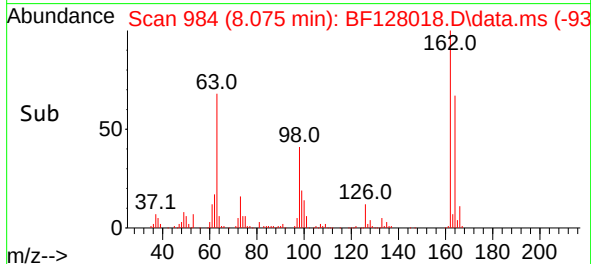
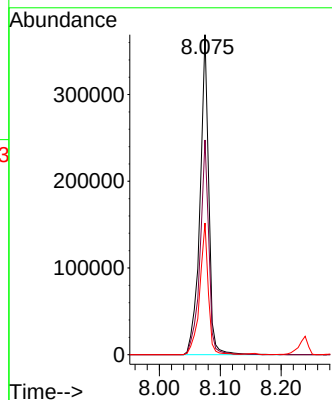
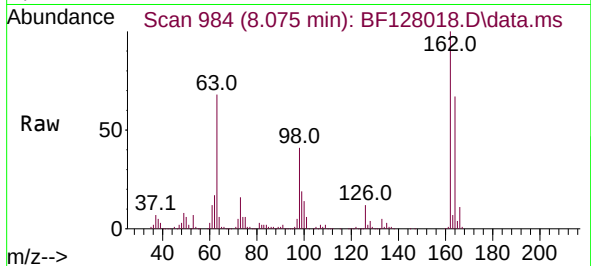




#29
2,4-Dichlorophenol
Concen: 47.295 ng
RT: 8.075 min Scan# 998
Delta R.T. 0.000 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

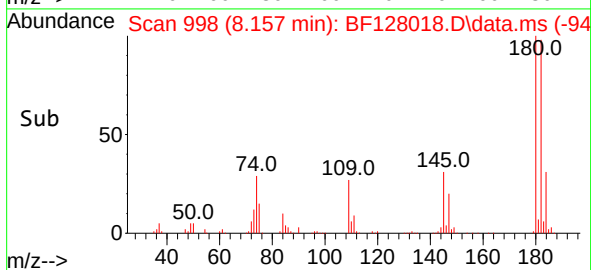
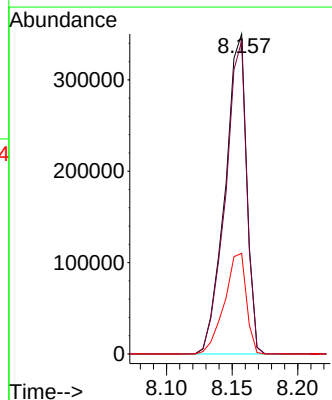
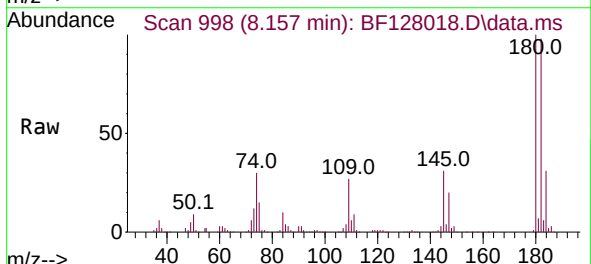
Instrument :
BNA_F
ClientSampleId :
PB144471BS

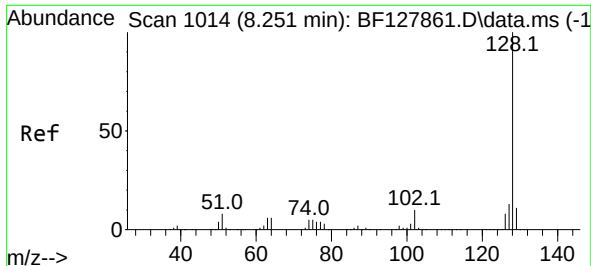
Tgt Ion:162 Resp: 368924
Ion Ratio Lower Upper
162 100
164 67.1 47.1 87.1
98 41.1 20.7 60.7



#30
1,2,4-Trichlorobenzene
Concen: 45.343 ng
RT: 8.157 min Scan# 998
Delta R.T. 0.000 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Tgt Ion:180 Resp: 401773
Ion Ratio Lower Upper
180 100
182 97.7 76.4 114.6
145 31.5 25.1 37.7

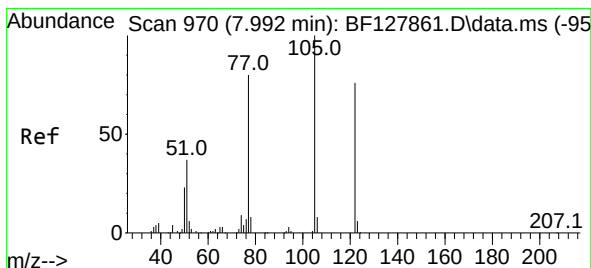
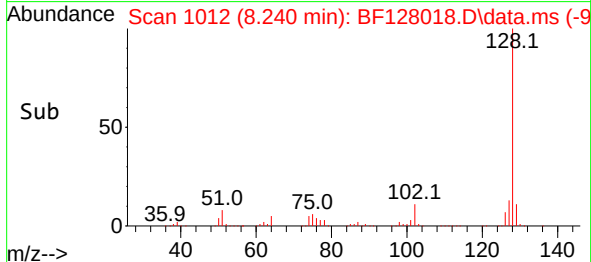
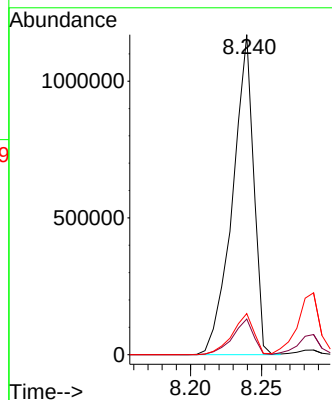
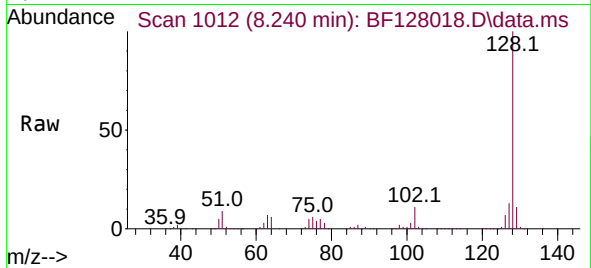




#31
Naphthalene
Concen: 46.226 ng
RT: 8.240 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

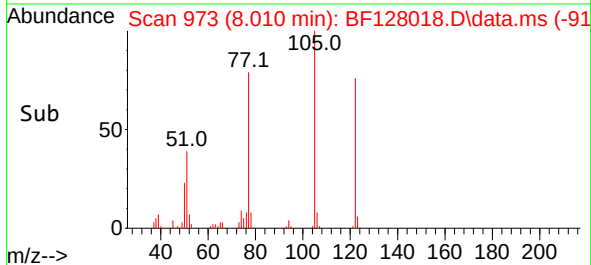
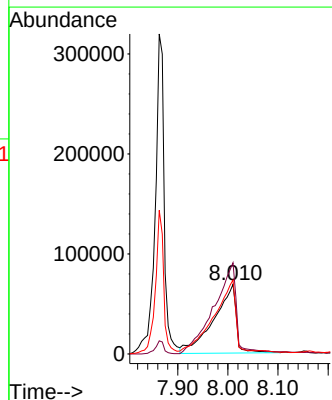
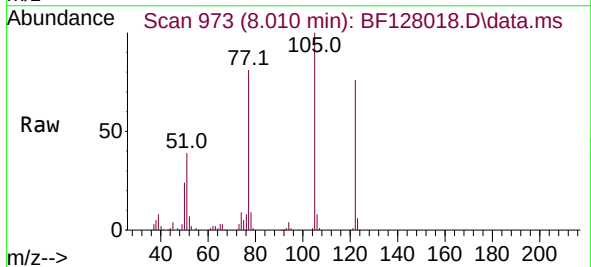
Instrument :
BNA_F
ClientSampleId :
PB144471BS

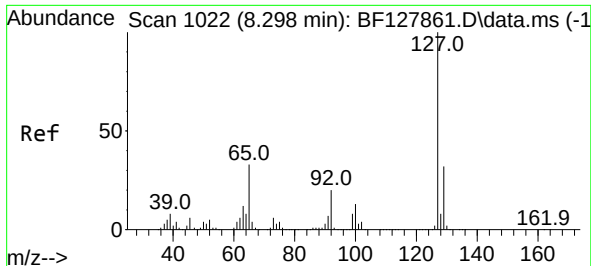
Tgt Ion:128 Resp: 1208679
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 12.9 10.6 16.0



#32
Benzoic acid
Concen: 39.983 ng
RT: 8.010 min Scan# 973
Delta R.T. 0.024 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Tgt Ion:122 Resp: 213388
Ion Ratio Lower Upper
122 100
105 131.2 107.9 147.9
77 106.2 82.5 122.5

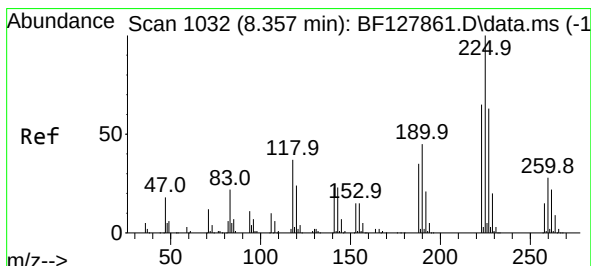
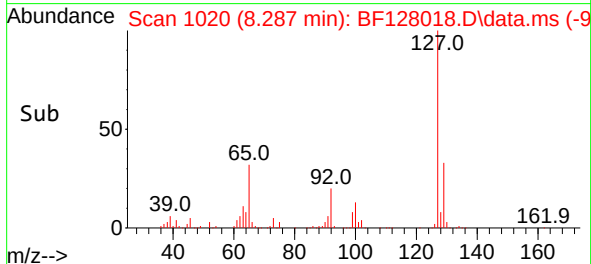
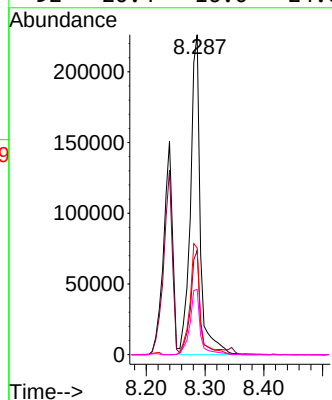
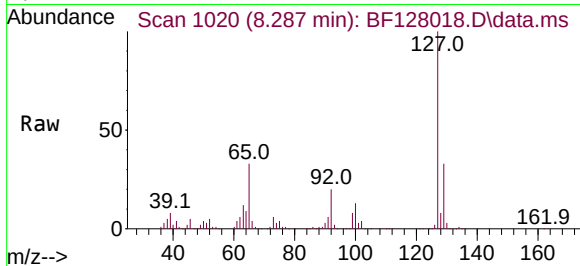




#33
4-Chloroaniline
Concen: 25.708 ng
RT: 8.287 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

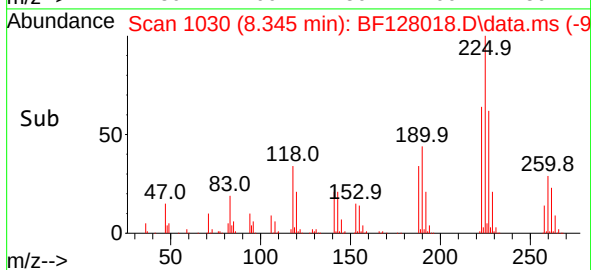
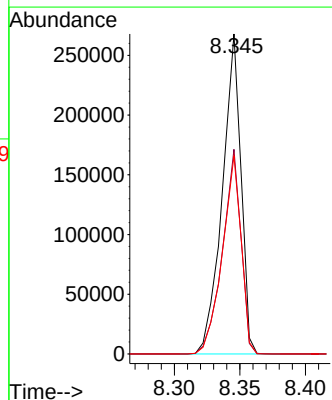
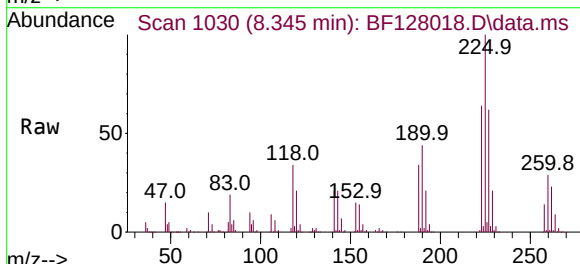
Instrument :
BNA_F
ClientSampleId :
PB144471BS

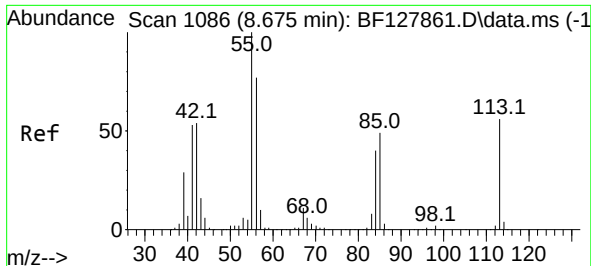
Tgt Ion:	127	Resp:	265962
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.8	38.8
65	33.3	26.7	40.1
92	20.4	16.0	24.0



#34
Hexachlorobutadiene
Concen: 47.302 ng
RT: 8.345 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Tgt Ion:	225	Resp:	264006
Ion	Ratio	Lower	Upper
225	100		
223	64.0	52.0	78.0
227	61.9	50.7	76.1

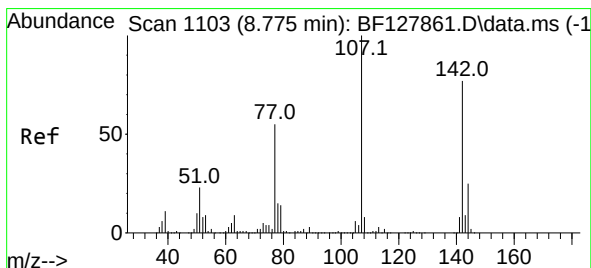
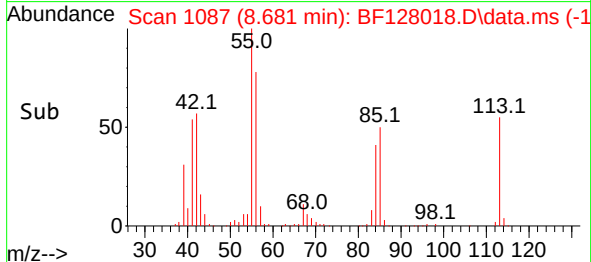
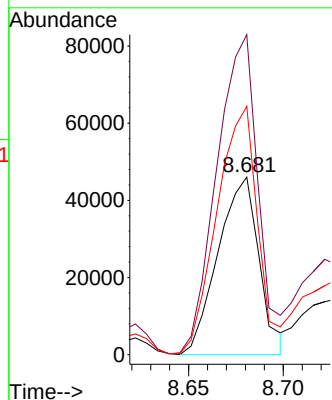
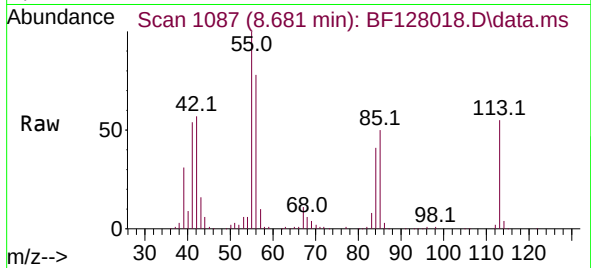




#35
 Caprolactam
 Concen: 27.511 ng
 RT: 8.681 min Scan# 1086
 Delta R.T. 0.012 min
 Lab File: BF128018.D
 Acq: 02 May 2022 11:22

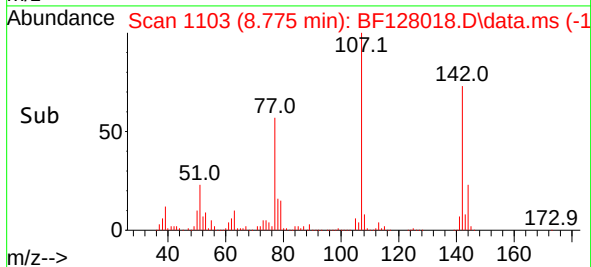
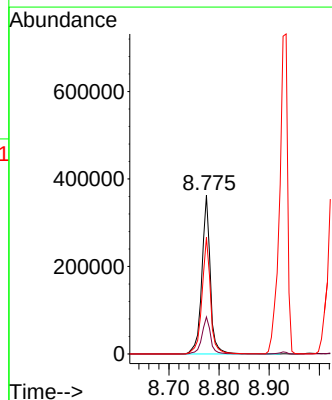
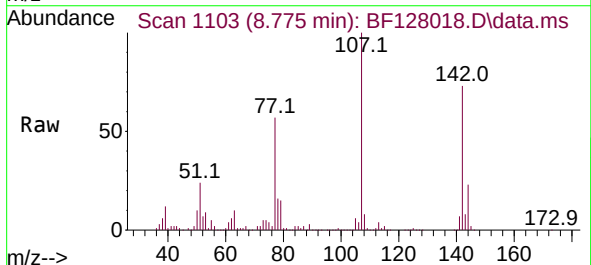
Instrument :
 BNA_F
 ClientSampleId :
 PB144471BS

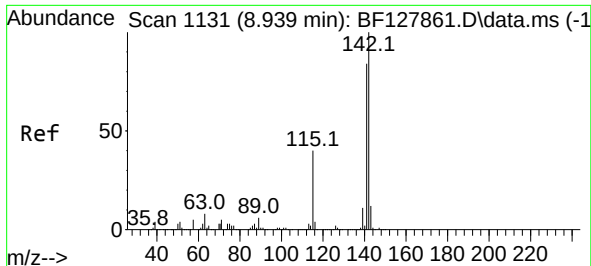
Tgt Ion:113 Resp: 69272
 Ion Ratio Lower Upper
 113 100
 55 180.2 157.4 197.4
 56 139.9 116.1 156.1



#36
 4-Chloro-3-methylphenol
 Concen: 50.808 ng
 RT: 8.775 min Scan# 1103
 Delta R.T. 0.012 min
 Lab File: BF128018.D
 Acq: 02 May 2022 11:22

Tgt Ion:107 Resp: 423273
 Ion Ratio Lower Upper
 107 100
 144 23.3 20.2 30.4
 142 73.4 61.5 92.3





#37

2-Methylnaphthalene

Concen: 47.539 ng

RT: 8.934 min Scan# 1131

Delta R.T. 0.000 min

Lab File: BF128018.D

Acq: 02 May 2022 11:22

Instrument :

BNA_F

ClientSampleId :

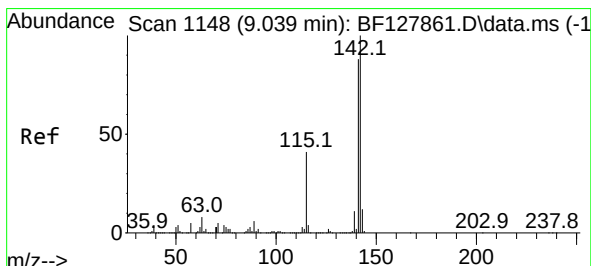
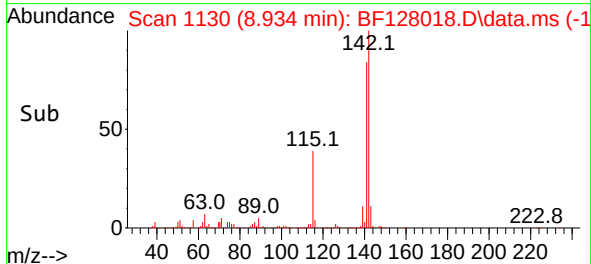
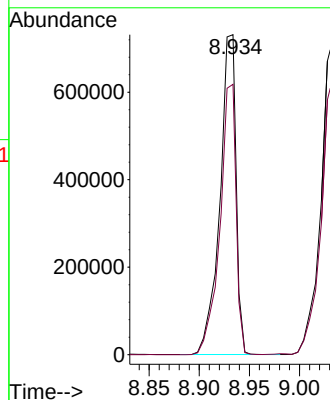
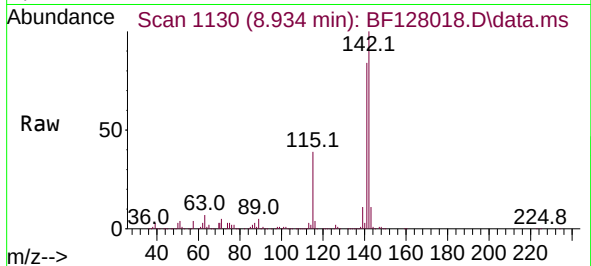
PB144471BS

Tgt Ion:142 Resp: 821480

Ion Ratio Lower Upper

142 100

141 84.5 67.4 101.2



#38

1-Methylnaphthalene

Concen: 46.602 ng

RT: 9.034 min Scan# 1147

Delta R.T. 0.000 min

Lab File: BF128018.D

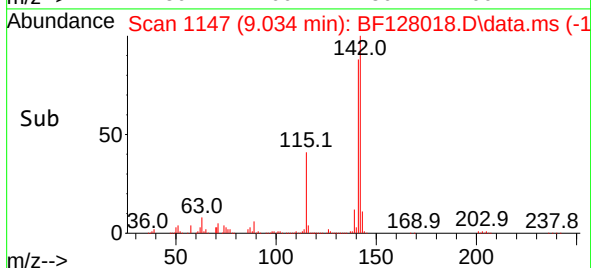
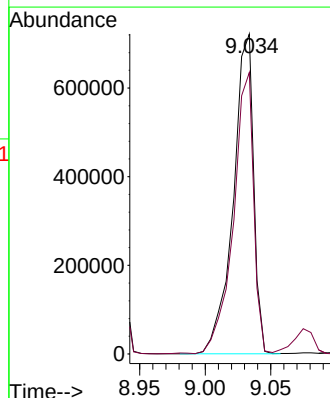
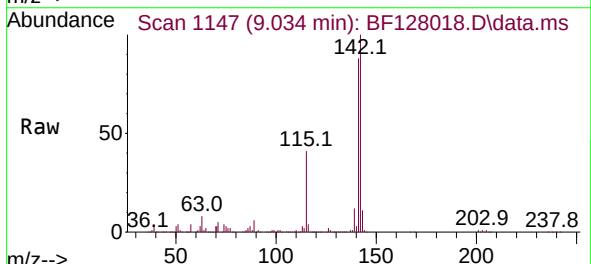
Acq: 02 May 2022 11:22

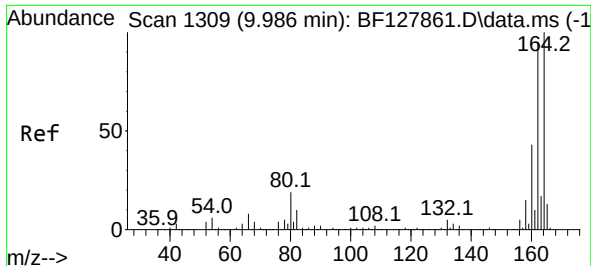
Tgt Ion:142 Resp: 782736

Ion Ratio Lower Upper

142 100

141 87.9 70.1 105.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.981 min Scan# 1158

Delta R.T. 0.006 min

Lab File: BF128018.D

Acq: 02 May 2022 11:22

Instrument :

BNA_F

ClientSampleId :

PB144471BS

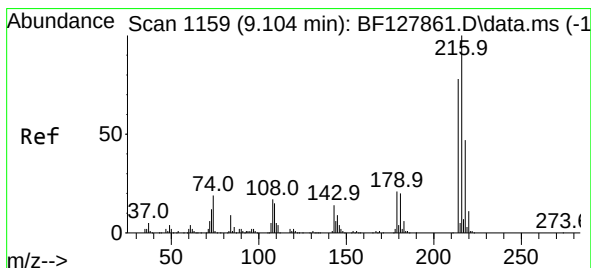
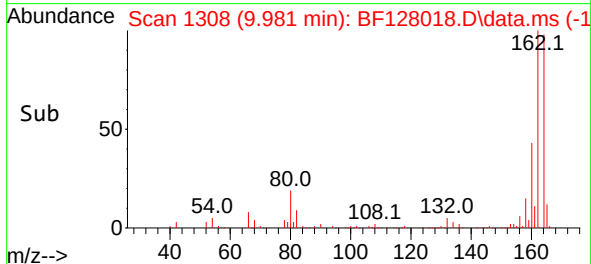
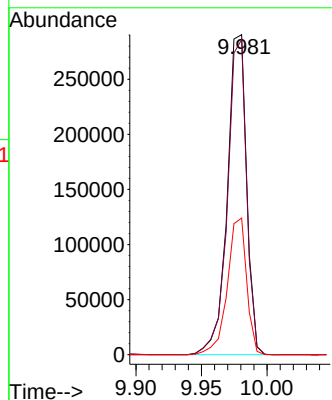
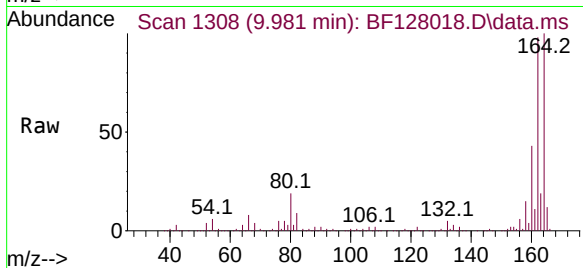
Tgt Ion:164 Resp: 298688

Ion Ratio Lower Upper

164 100

162 98.5 76.0 114.0

160 42.7 34.8 52.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.594 ng

RT: 9.098 min Scan# 1158

Delta R.T. 0.006 min

Lab File: BF128018.D

Acq: 02 May 2022 11:22

Tgt Ion:216 Resp: 401406

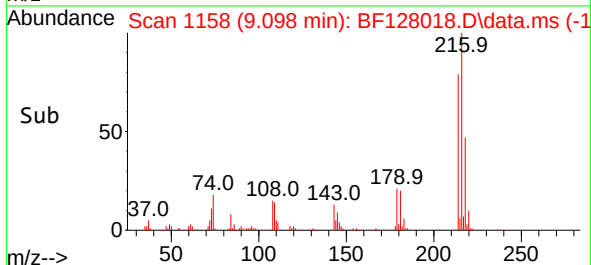
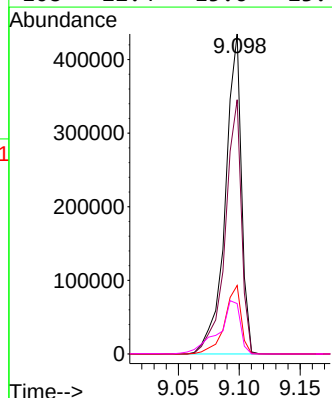
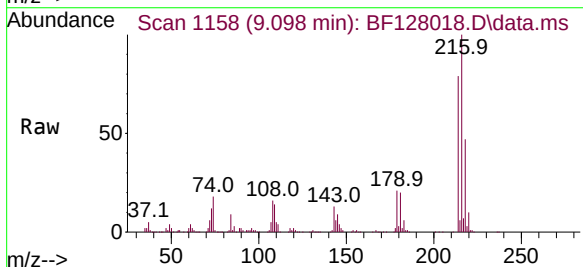
Ion Ratio Lower Upper

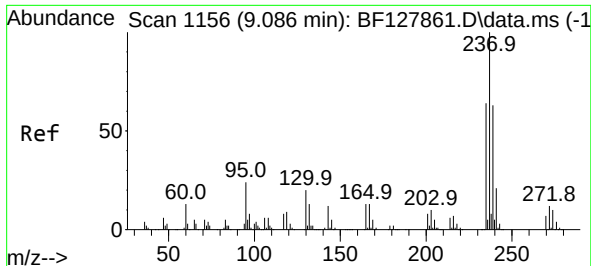
216 100

214 79.4 62.6 94.0

179 21.6 16.9 25.3

108 22.4 15.6 23.4

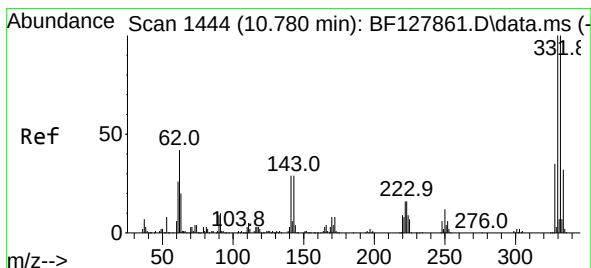
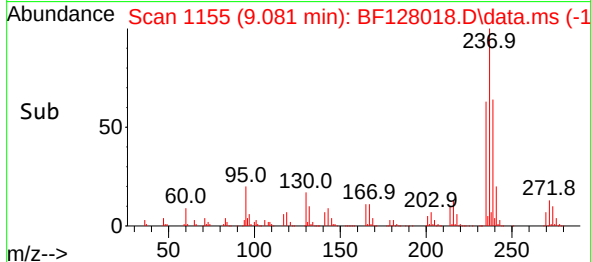
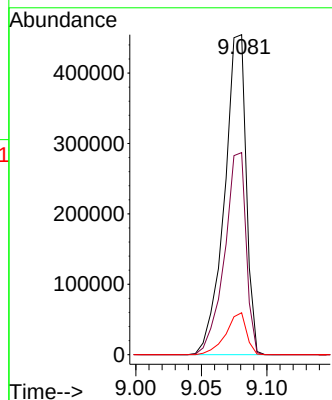
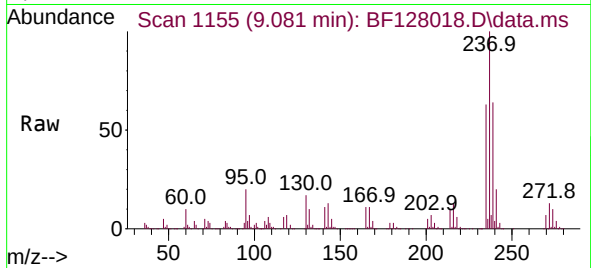




#41
Hexachlorocyclopentadiene
Concen: 109.710 ng
RT: 9.081 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

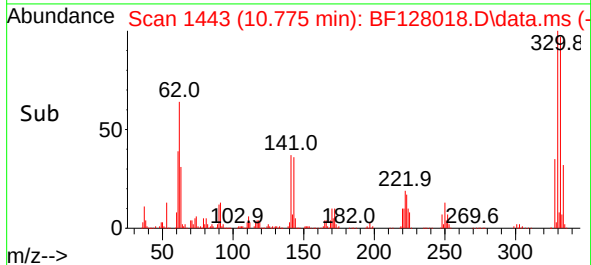
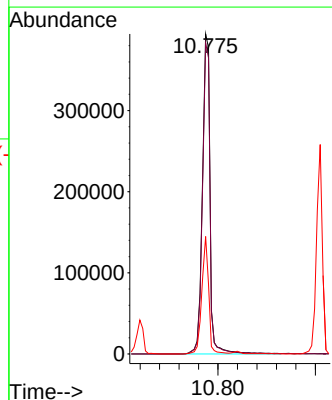
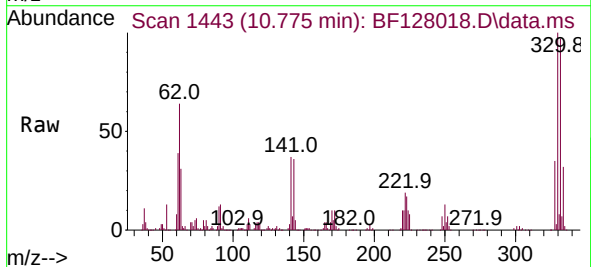
Instrument :
BNA_F
ClientSampleId :
PB144471BS

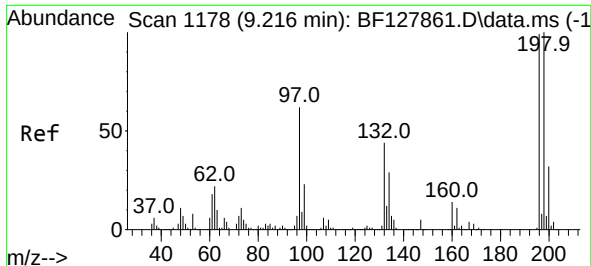
Tgt Ion:237 Resp: 523301
Ion Ratio Lower Upper
237 100
235 63.1 43.6 83.6
272 13.1 0.0 32.1



#42
2,4,6-Tribromophenol
Concen: 142.805 ng
RT: 10.775 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Tgt Ion:330 Resp: 429386
Ion Ratio Lower Upper
330 100
332 96.3 79.0 118.4
141 33.1 28.9 43.3





#43

2,4,6-Trichlorophenol

Concen: 46.562 ng

RT: 9.210 min Scan# 1177

Delta R.T. 0.006 min

Lab File: BF128018.D

Acq: 02 May 2022 11:22

Instrument :

BNA_F

ClientSampleId :

PB144471BS

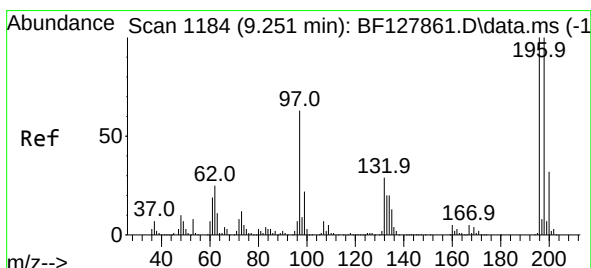
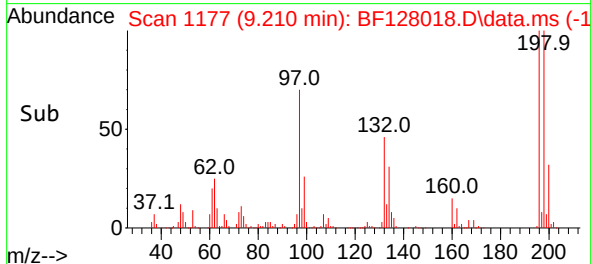
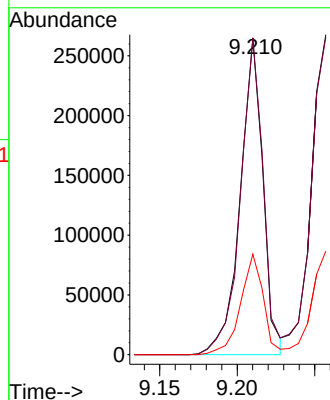
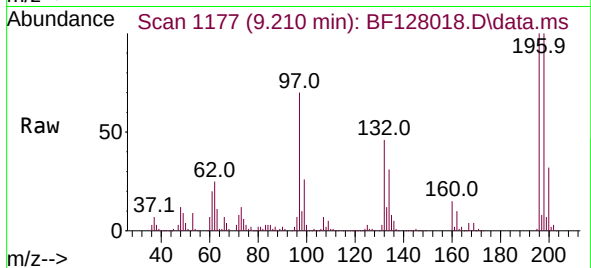
Tgt Ion:196 Resp: 269729

Ion Ratio Lower Upper

196 100

198 100.2 80.4 120.6

200 31.7 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 45.219 ng

RT: 9.257 min Scan# 1185

Delta R.T. 0.012 min

Lab File: BF128018.D

Acq: 02 May 2022 11:22

Tgt Ion:196 Resp: 284759

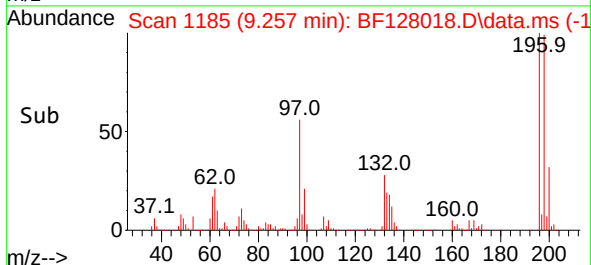
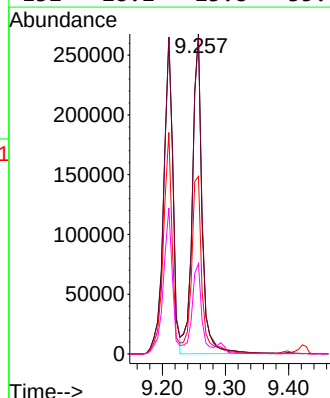
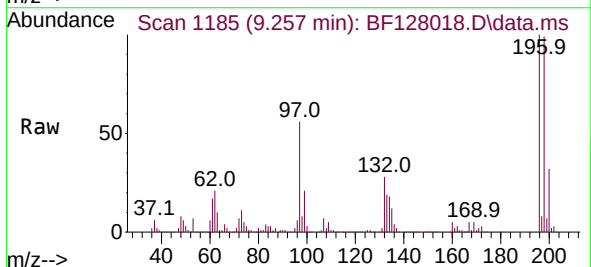
Ion Ratio Lower Upper

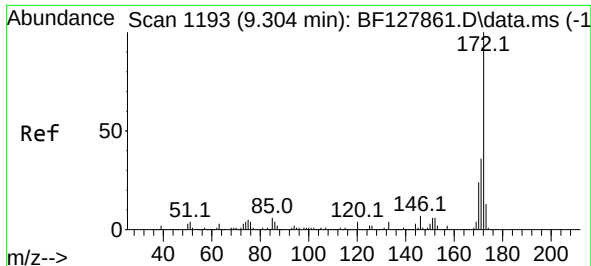
196 100

198 99.2 80.2 120.2

97 55.5 50.3 75.5

132 28.2 23.8 35.6

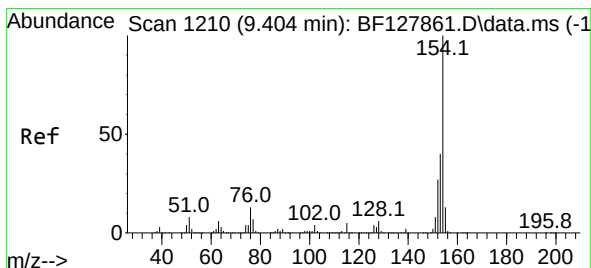
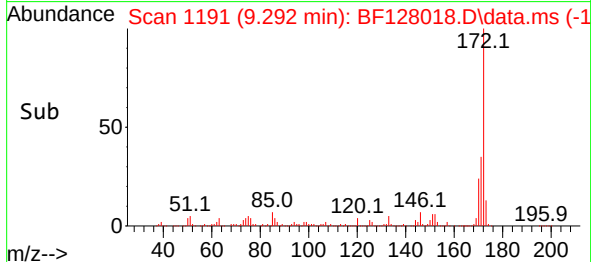
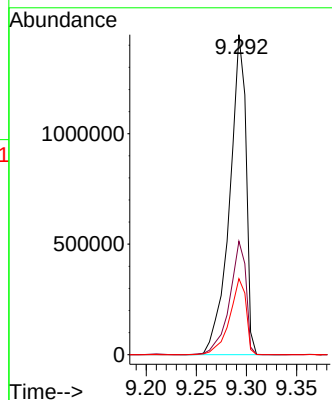
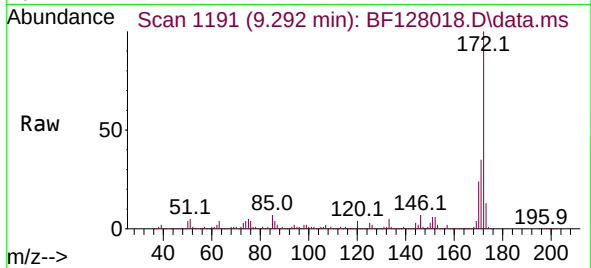




#45
2-Fluorobiphenyl
Concen: 93.583 ng
RT: 9.292 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

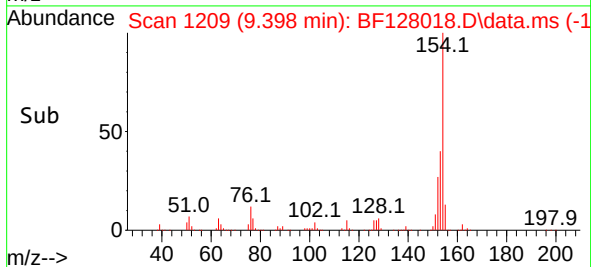
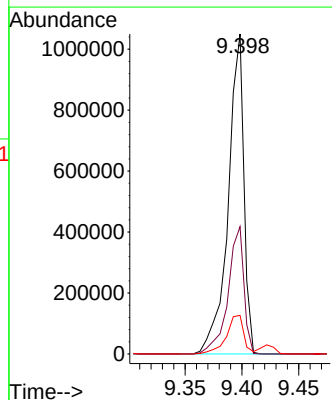
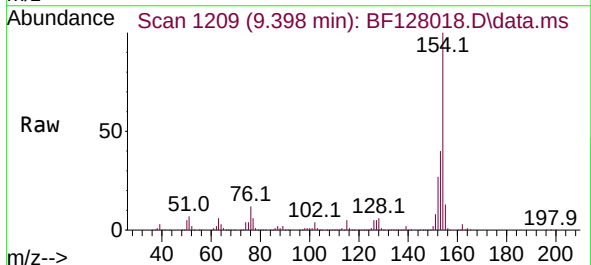
Instrument :
BNA_F
ClientSampleId :
PB144471BS

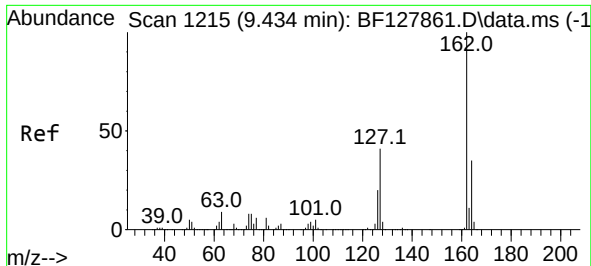
Tgt Ion:172 Resp: 1652265
Ion Ratio Lower Upper
172 100
171 35.5 28.6 42.8
170 23.8 19.1 28.7



#46
1,1'-Biphenyl
Concen: 45.621 ng
RT: 9.398 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Tgt Ion:154 Resp: 1009382
Ion Ratio Lower Upper
154 100
153 39.8 20.4 60.4
76 12.1 0.0 33.2

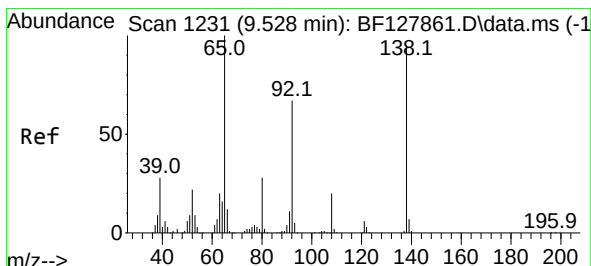
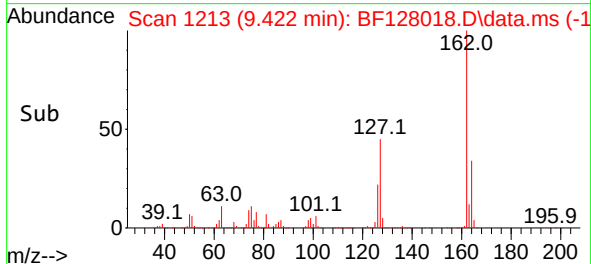
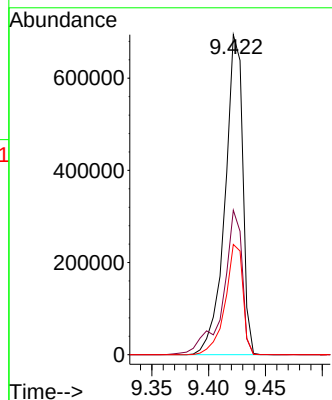
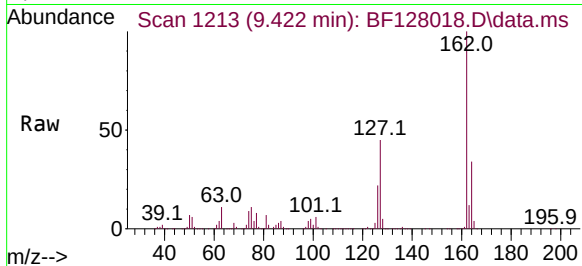




#47
2-Chloronaphthalene
Concen: 44.710 ng
RT: 9.422 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

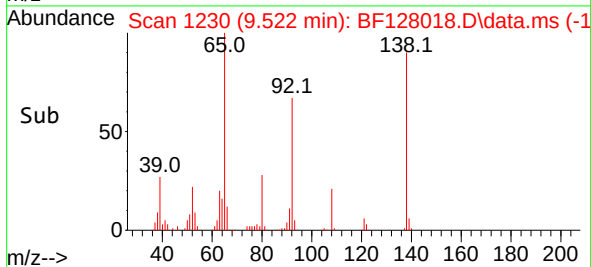
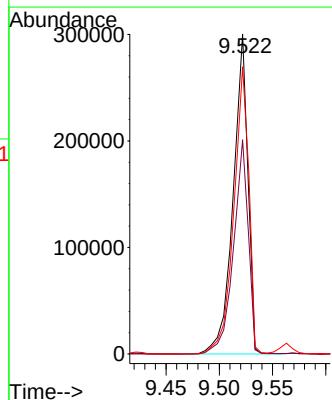
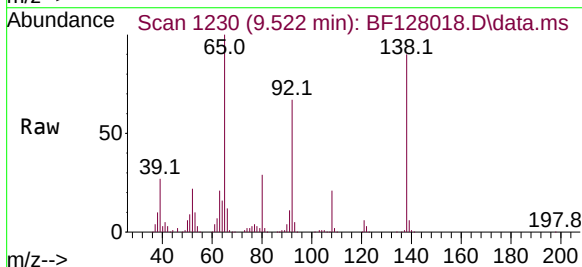
Instrument :
BNA_F
ClientSampleId :
PB144471BS

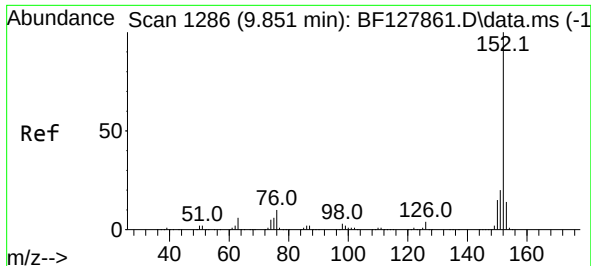
Tgt Ion:162 Resp: 753056
Ion Ratio Lower Upper
162 100
127 45.2 32.9 49.3
164 34.5 28.2 42.2



#48
2-Nitroaniline
Concen: 50.634 ng
RT: 9.522 min Scan# 1230
Delta R.T. 0.000 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Tgt Ion: 65 Resp: 288483
Ion Ratio Lower Upper
65 100
92 66.9 53.7 80.5
138 89.8 76.4 114.6





#49

Acenaphthylene

Concen: 47.443 ng

RT: 9.845 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF128018.D

Acq: 02 May 2022 11:22

Instrument :

BNA_F

ClientSampleId :

PB144471BS

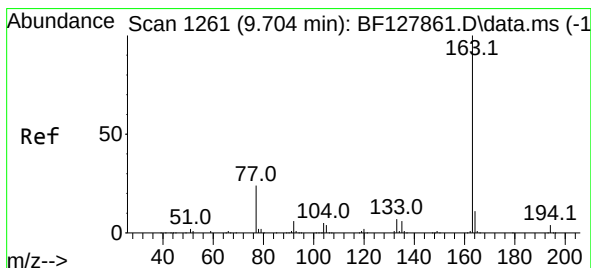
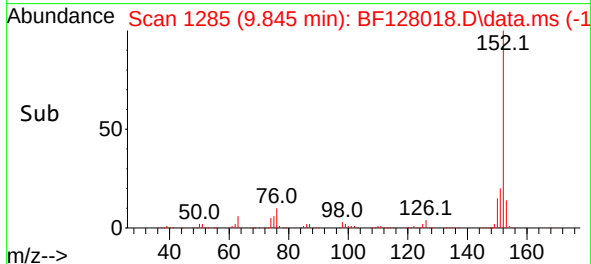
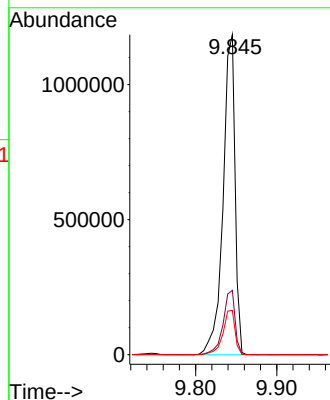
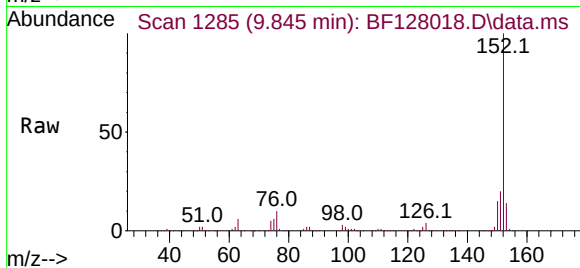
Tgt Ion:152 Resp: 1222344

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

153 13.9 11.2 16.8



#50

Dimethylphthalate

Concen: 47.507 ng

RT: 9.698 min Scan# 1260

Delta R.T. 0.000 min

Lab File: BF128018.D

Acq: 02 May 2022 11:22

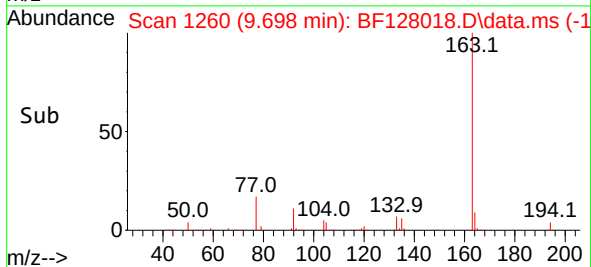
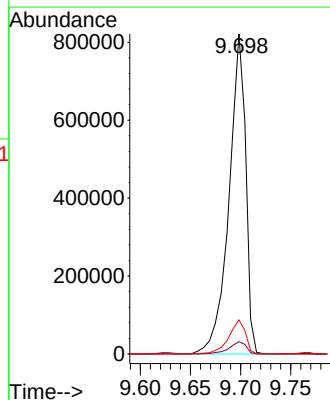
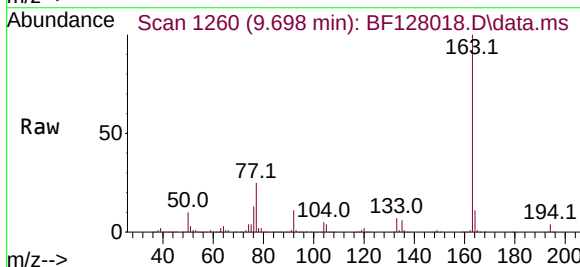
Tgt Ion:163 Resp: 951646

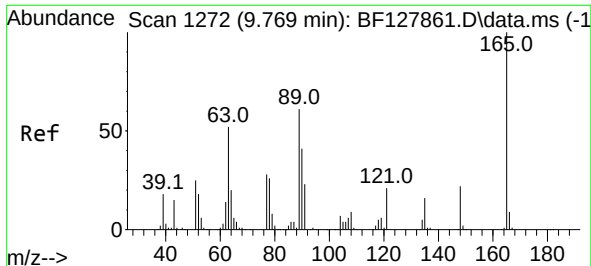
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.6 8.6 13.0





#51

2,6-Dinitrotoluene

Concen: 49.499 ng

RT: 9.769 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF128018.D

Acq: 02 May 2022 11:22

Instrument :

BNA_F

ClientSampleId :

PB144471BS

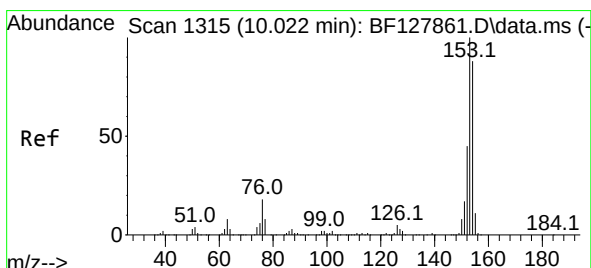
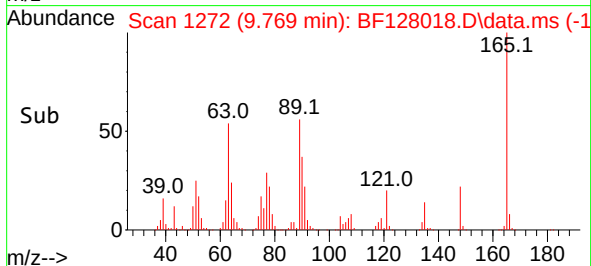
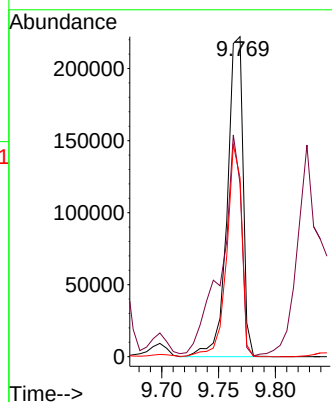
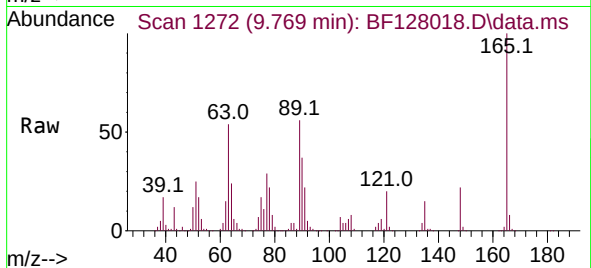
Tgt Ion:165 Resp: 214682

Ion Ratio Lower Upper

165 100

63 54.0 49.5 74.3

89 55.9 49.0 73.4



#52

Acenaphthene

Concen: 41.936 ng

RT: 10.016 min Scan# 1314

Delta R.T. 0.006 min

Lab File: BF128018.D

Acq: 02 May 2022 11:22

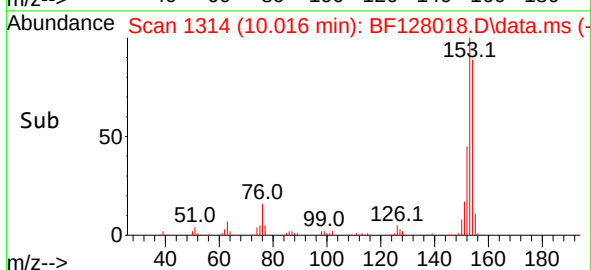
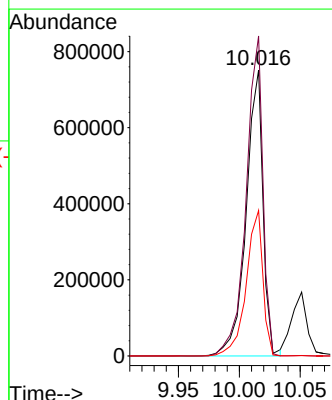
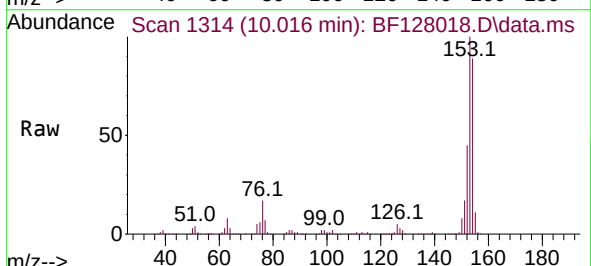
Tgt Ion:154 Resp: 726393

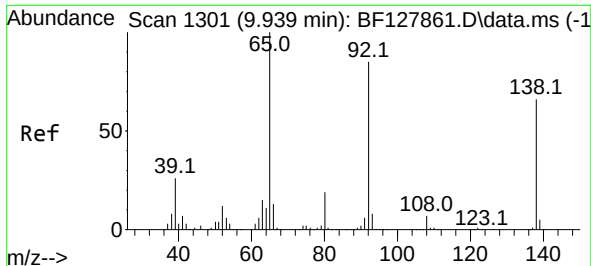
Ion Ratio Lower Upper

154 100

153 111.9 90.5 135.7

152 50.8 41.0 61.6

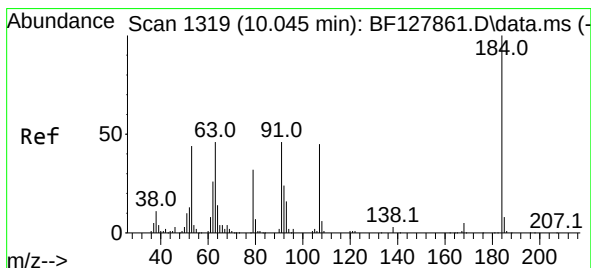
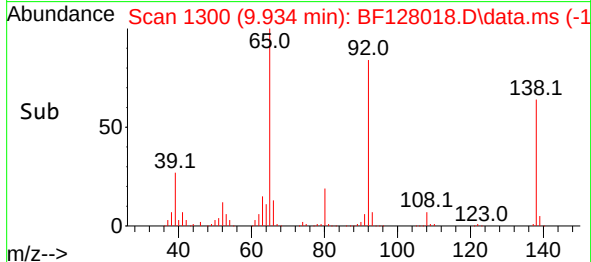
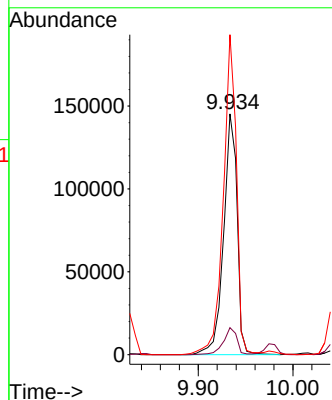
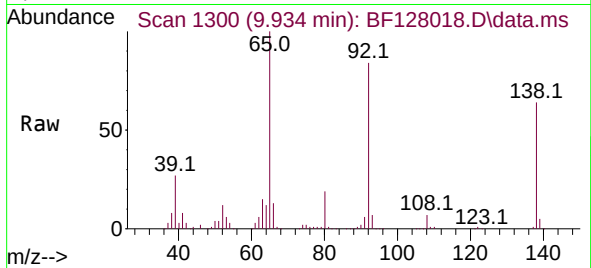




#53
3-Nitroaniline
Concen: 29.952 ng
RT: 9.934 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

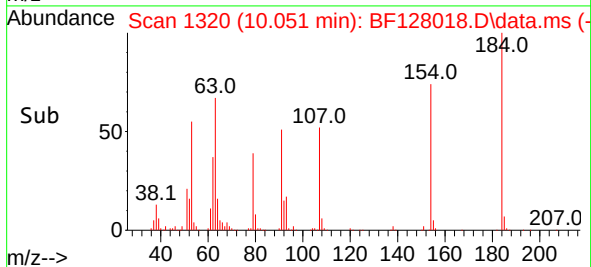
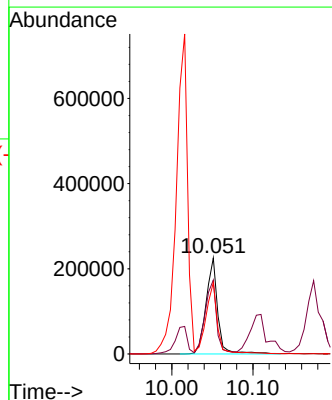
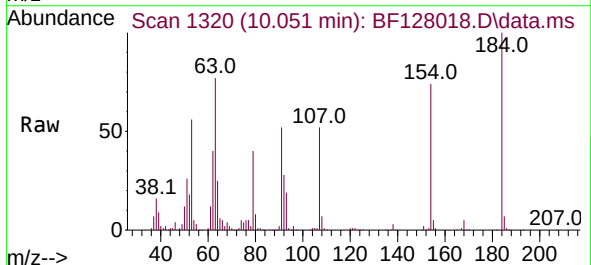
Instrument :
BNA_F
ClientSampleId :
PB144471BS

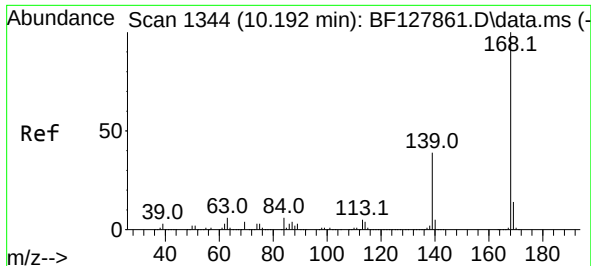
Tgt Ion:138 Resp: 144251
Ion Ratio Lower Upper
138 100
108 11.2 8.2 12.4
92 132.8 102.7 154.1



#54
2,4-Dinitrophenol
Concen: 98.487 ng
RT: 10.051 min Scan# 1320
Delta R.T. 0.018 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Tgt Ion:184 Resp: 224953
Ion Ratio Lower Upper
184 100
63 76.9 50.0 75.0#
154 74.3 51.7 77.5

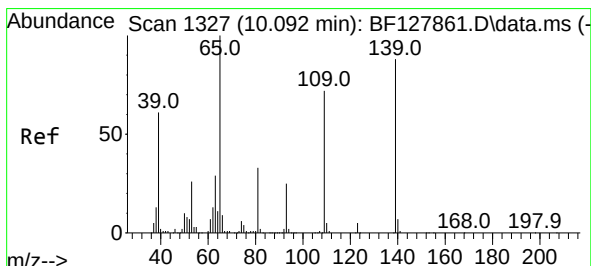
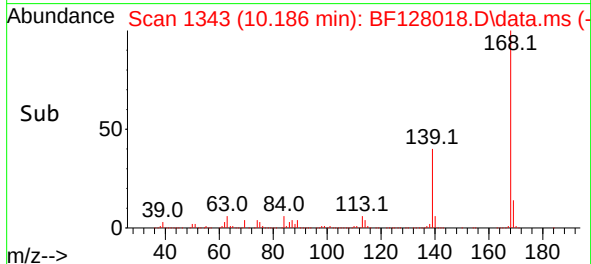
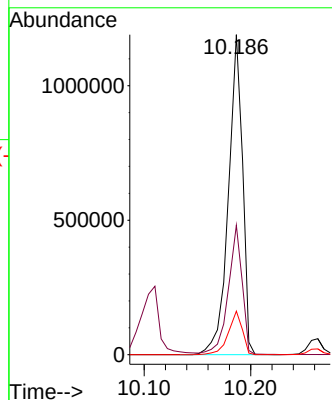
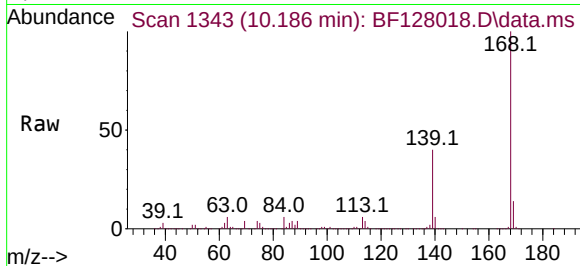




#55
Dibenzenofuran
Concen: 43.918 ng
RT: 10.186 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

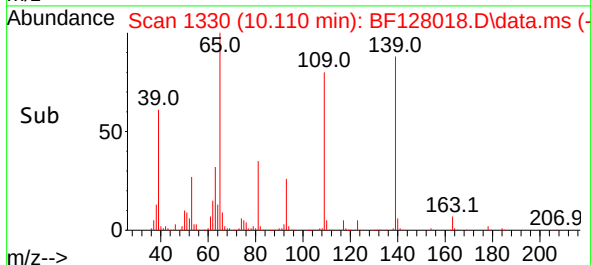
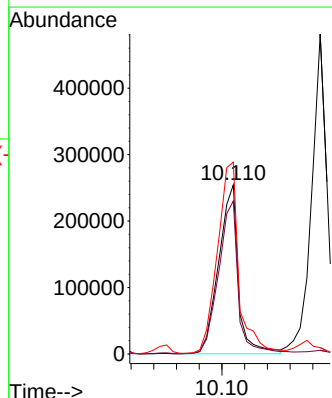
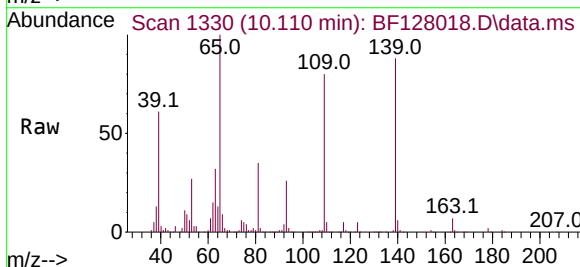
Instrument :
BNA_F
ClientSampleId :
PB144471BS

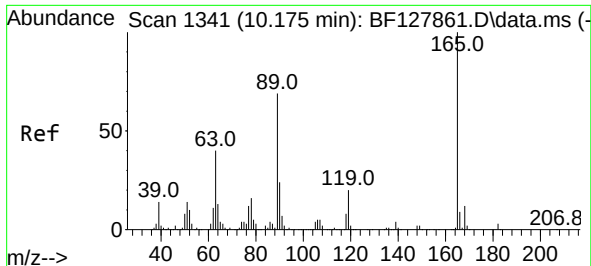
Tgt Ion:168 Resp: 1097542
Ion Ratio Lower Upper
168 100
139 40.5 31.7 47.5
169 13.6 10.9 16.3



#56
4-Nitrophenol
Concen: 83.442 ng
RT: 10.110 min Scan# 1330
Delta R.T. 0.024 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

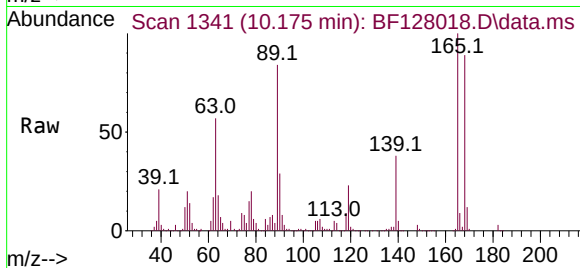
Tgt Ion:139 Resp: 306866
Ion Ratio Lower Upper
139 100
109 90.4 61.9 101.9
65 113.5 93.5 133.5



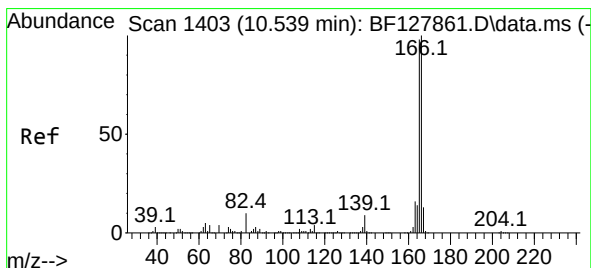
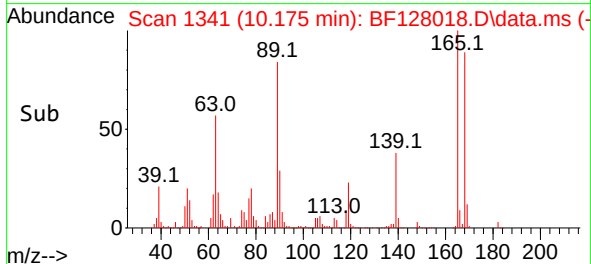
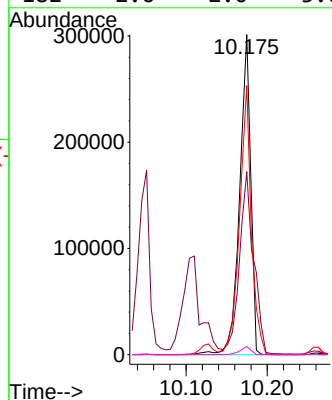


#57
2,4-Dinitrotoluene
Concen: 49.749 ng
RT: 10.175 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Instrument :
BNA_F
ClientSampleId :
PB144471BS

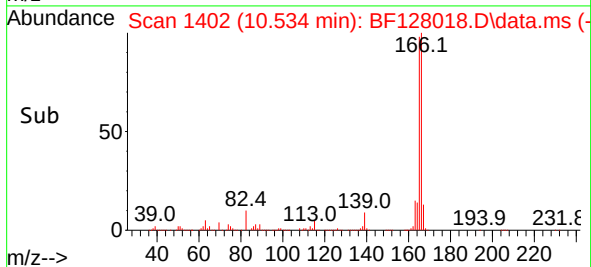
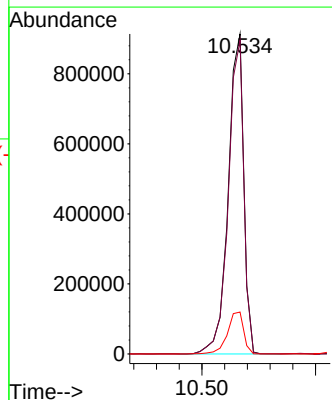
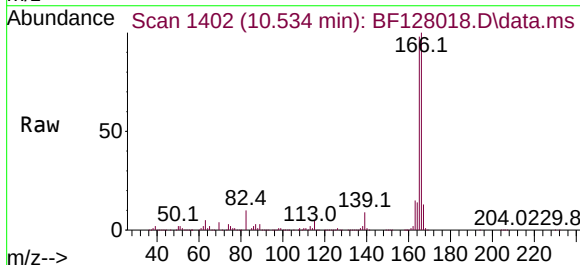


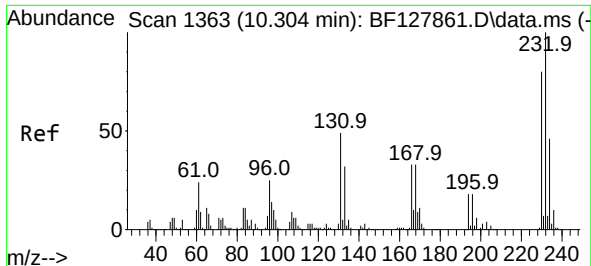
Tgt Ion:165 Resp: 285806
Ion Ratio Lower Upper
165 100
63 57.2 32.6 49.0#
89 84.1 55.2 82.8#
182 2.6 2.0 3.0



#58
Fluorene
Concen: 46.446 ng
RT: 10.534 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Tgt Ion:166 Resp: 866122
Ion Ratio Lower Upper
166 100
165 98.0 78.6 117.8
167 13.1 10.5 15.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 45.623 ng

RT: 10.304 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF128018.D

Acq: 02 May 2022 11:22

Instrument :

BNA_F

ClientSampleId :

PB144471BS

Tgt Ion:232 Resp: 241598

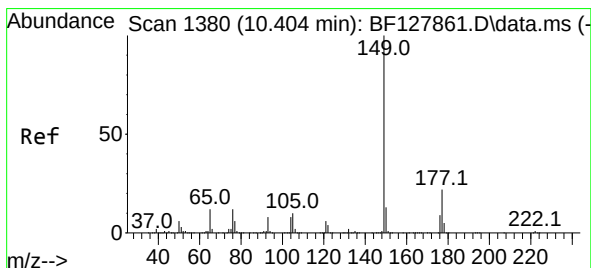
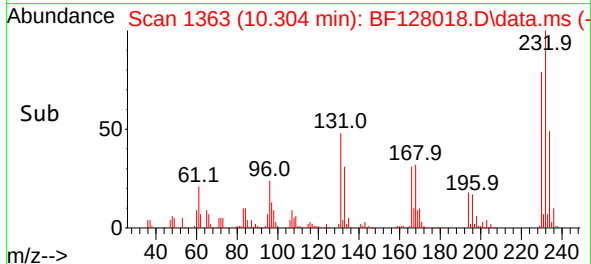
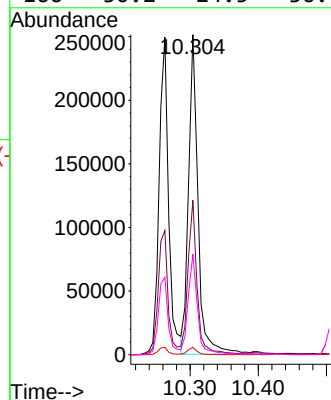
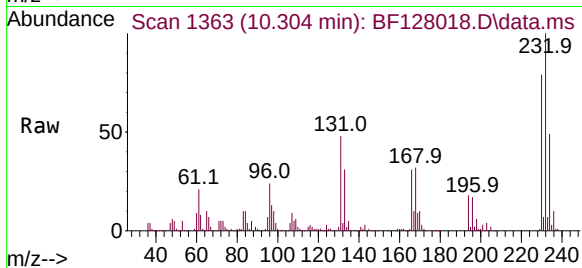
Ion Ratio Lower Upper

232 100

131 45.8 35.4 53.2

130 2.4 1.9 2.9

166 30.2 24.5 36.7



#60

Diethylphthalate

Concen: 47.167 ng

RT: 10.398 min Scan# 1379

Delta R.T. 0.006 min

Lab File: BF128018.D

Acq: 02 May 2022 11:22

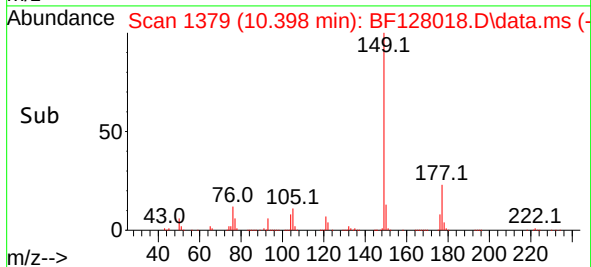
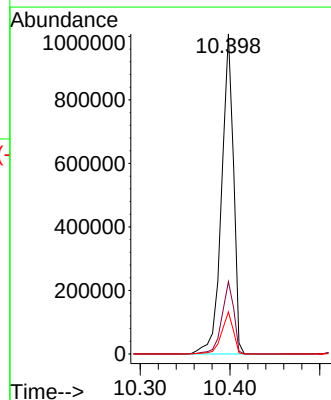
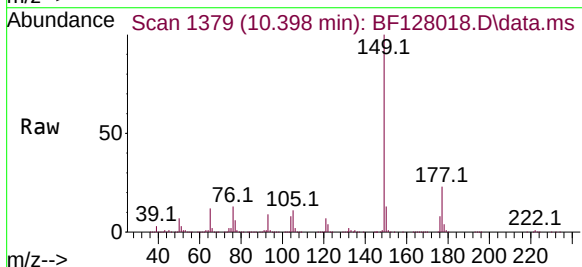
Tgt Ion:149 Resp: 926503

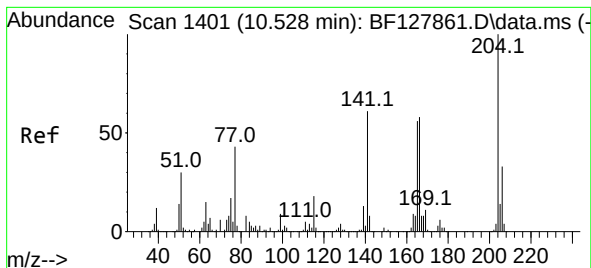
Ion Ratio Lower Upper

149 100

177 22.6 17.8 26.8

150 13.1 10.2 15.2

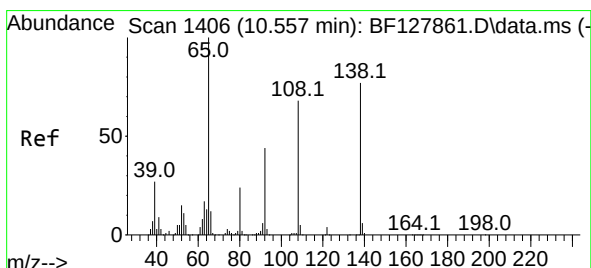
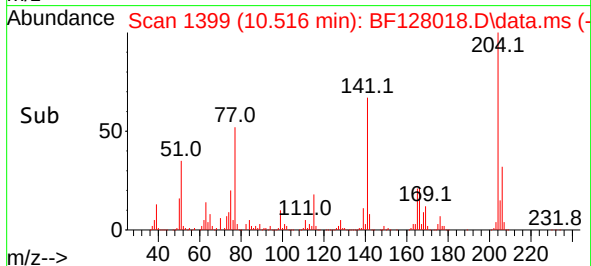
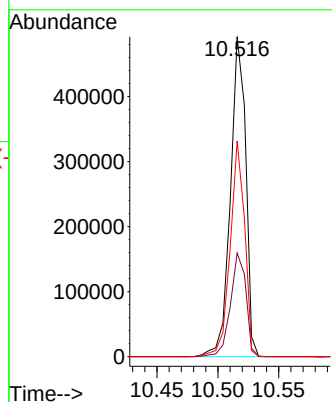
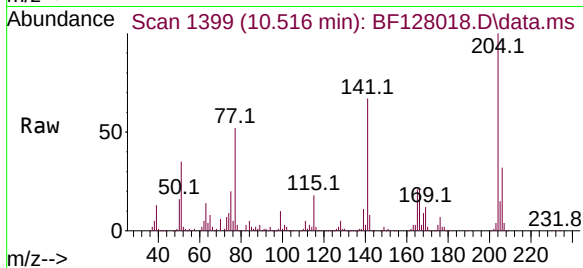




#61
4-Chlorophenyl-phenylether
Concen: 46.395 ng
RT: 10.516 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

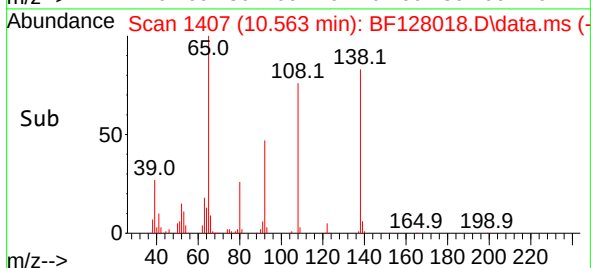
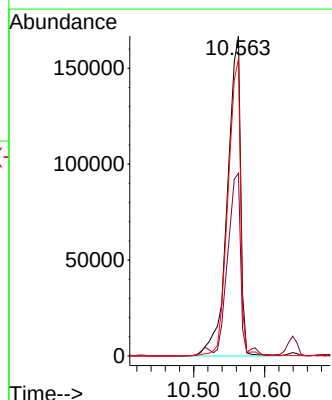
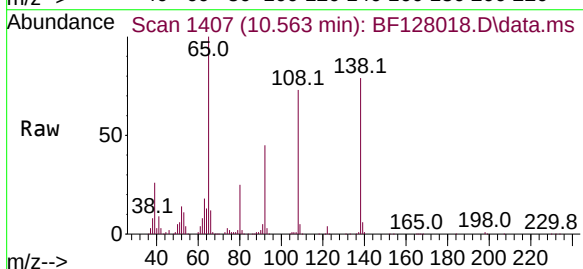
Instrument :
BNA_F
ClientSampleId :
PB144471BS

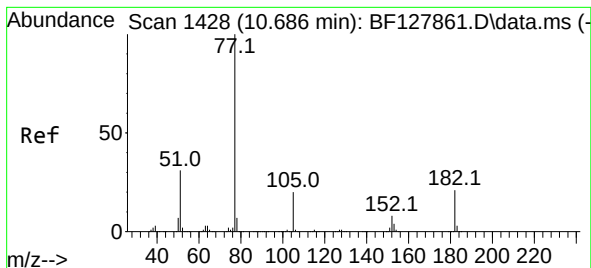
Tgt Ion:204 Resp: 429928
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 67.4 48.7 73.1



#62
4-Nitroaniline
Concen: 45.672 ng
RT: 10.563 min Scan# 1407
Delta R.T. 0.012 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Tgt Ion:138 Resp: 215044
Ion Ratio Lower Upper
138 100
92 57.1 37.4 77.4
108 92.8 68.4 108.4





#63

Azobenzene

Concen: 45.907 ng

RT: 10.681 min Scan# 1428

Delta R.T. 0.000 min

Lab File: BF128018.D

Acq: 02 May 2022 11:22

Instrument :

BNA_F

ClientSampleId :

PB144471BS

Tgt Ion: 77 Resp: 992258

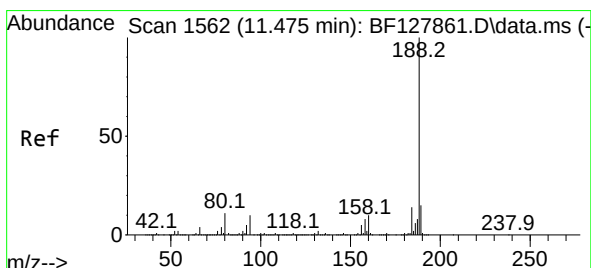
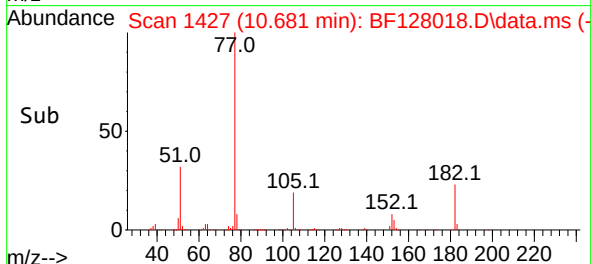
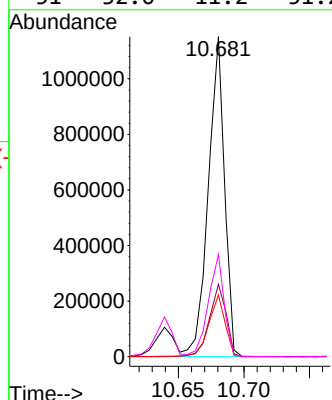
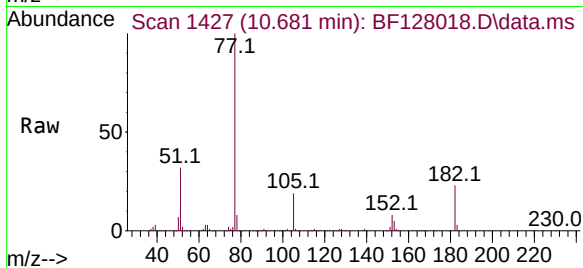
Ion Ratio Lower Upper

77 100

182 22.6 1.2 41.2

105 19.3 0.0 39.8

51 32.0 11.2 51.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.469 min Scan# 1561

Delta R.T. 0.000 min

Lab File: BF128018.D

Acq: 02 May 2022 11:22

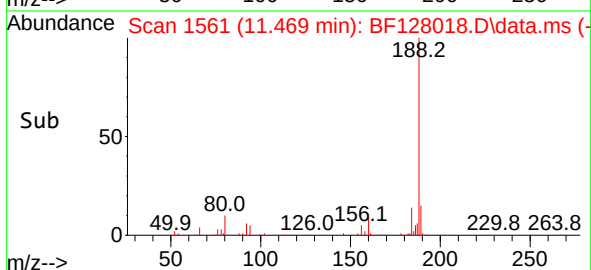
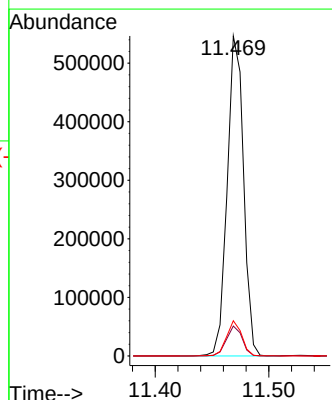
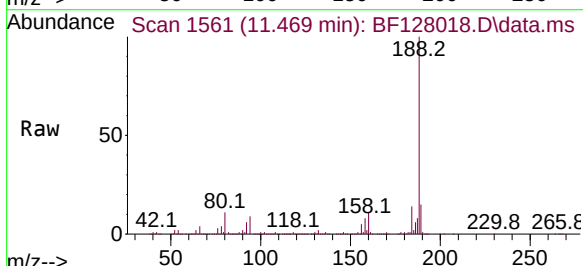
Tgt Ion: 188 Resp: 546238

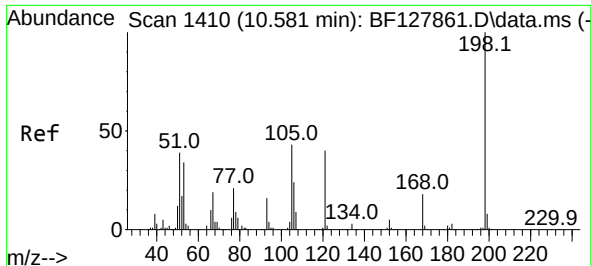
Ion Ratio Lower Upper

188 100

94 9.4 8.0 12.0

80 11.0 8.9 13.3

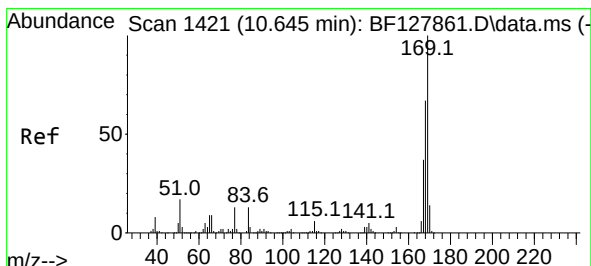
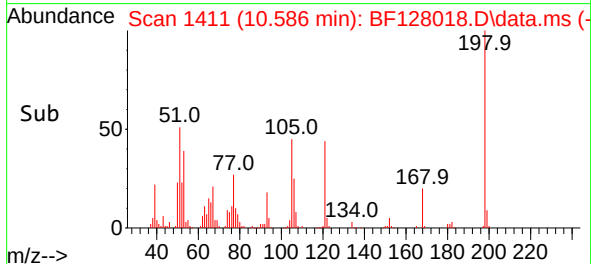
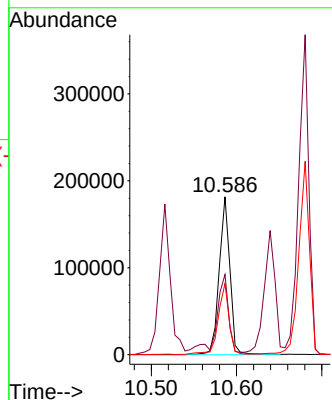
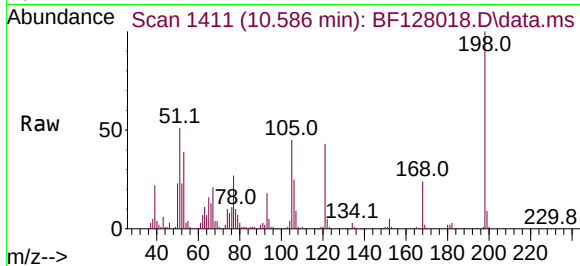




#65
4,6-Dinitro-2-methylphenol
Concen: 48.815 ng
RT: 10.586 min Scan# 1410
Delta R.T. 0.012 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

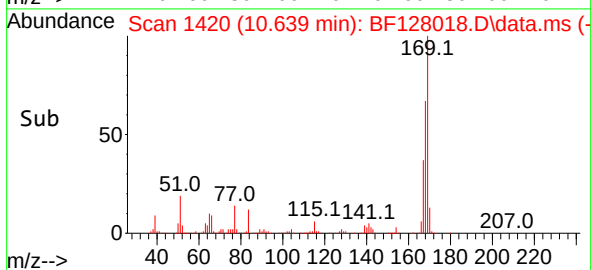
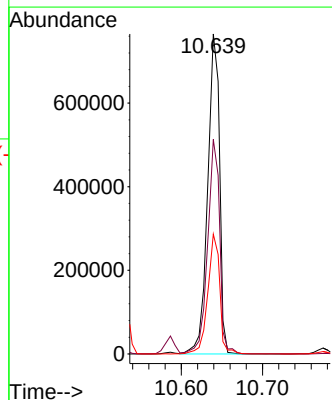
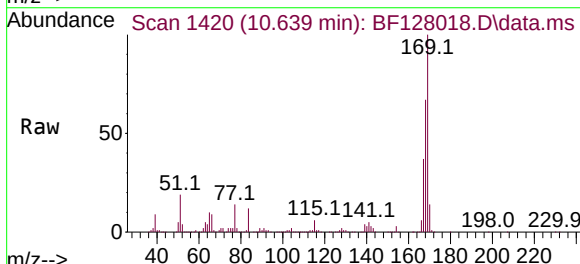
Instrument :
BNA_F
ClientSampleId :
PB144471BS

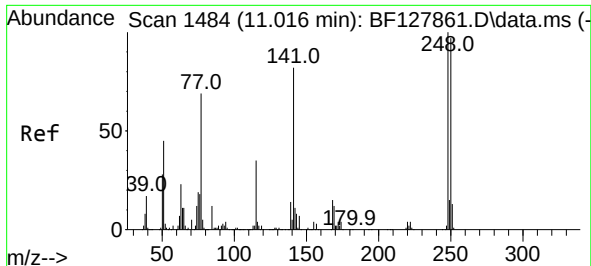
Tgt Ion:198 Resp: 158437
Ion Ratio Lower Upper
198 100
51 50.7 28.4 68.4
105 45.1 23.4 63.4



#66
n-Nitrosodiphenylamine
Concen: 45.517 ng
RT: 10.639 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Tgt Ion:169 Resp: 773639
Ion Ratio Lower Upper
169 100
168 67.0 53.8 80.6
167 37.4 29.5 44.3

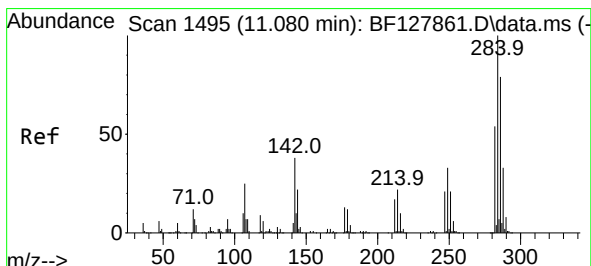
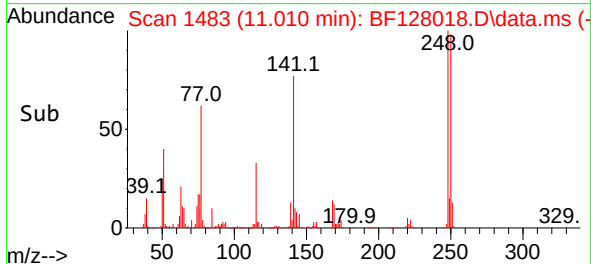
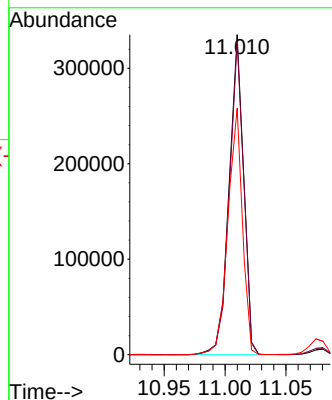
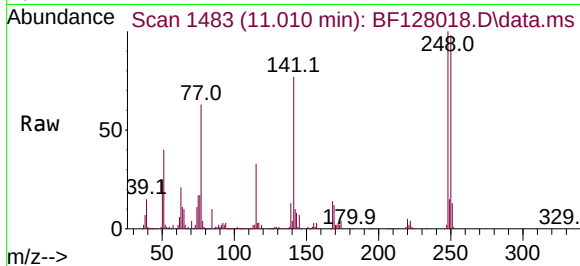




#67
4-Bromophenyl-phenylether
Concen: 45.975 ng
RT: 11.010 min Scan# 1483
Delta R.T. 0.000 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

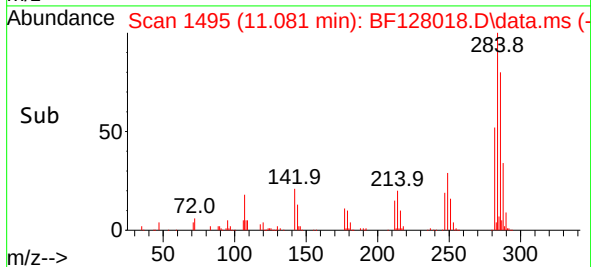
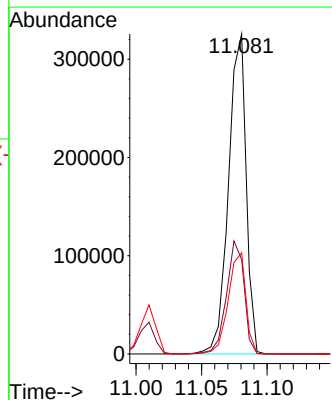
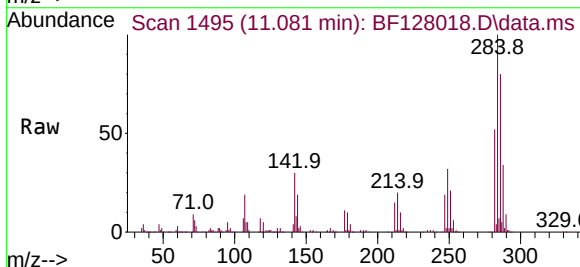
Instrument :
BNA_F
ClientSampleId :
PB144471BS

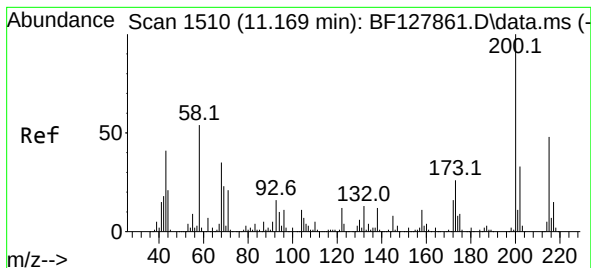
Tgt Ion:248 Resp: 278397
Ion Ratio Lower Upper
248 100
250 97.8 77.7 116.5
141 77.0 65.6 98.4



#68
Hexachlorobenzene
Concen: 47.812 ng
RT: 11.081 min Scan# 1495
Delta R.T. 0.006 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Tgt Ion:284 Resp: 305032
Ion Ratio Lower Upper
284 100
142 29.5 30.2 45.4#
249 31.6 26.1 39.1





#69

Atrazine

Concen: 53.715 ng

RT: 11.169 min Scan# 1510

Delta R.T. 0.006 min

Lab File: BF128018.D

Acq: 02 May 2022 11:22

Instrument :

BNA_F

ClientSampleId :

PB144471BS

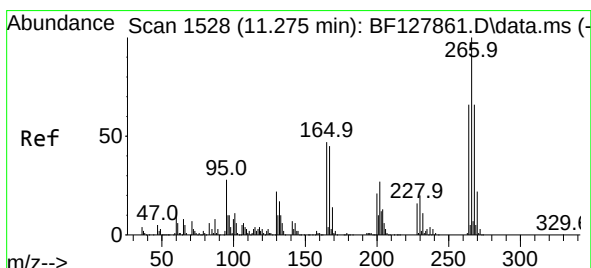
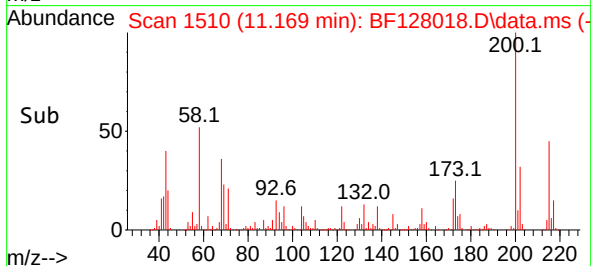
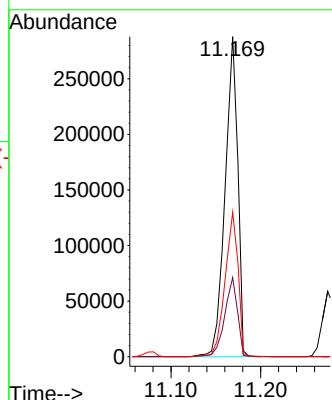
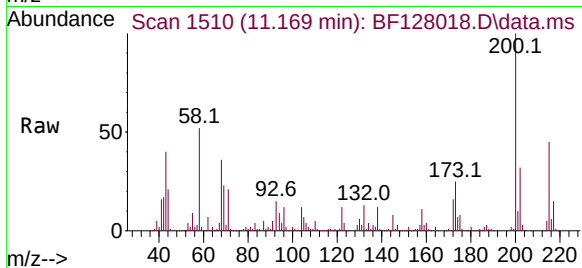
Tgt Ion:200 Resp: 282308

Ion Ratio Lower Upper

200 100

173 24.7 6.0 46.0

215 45.2 28.1 68.1



#70

Pentachlorophenol

Concen: 84.301 ng

RT: 11.275 min Scan# 1528

Delta R.T. 0.006 min

Lab File: BF128018.D

Acq: 02 May 2022 11:22

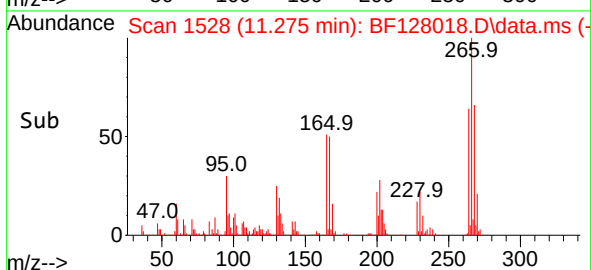
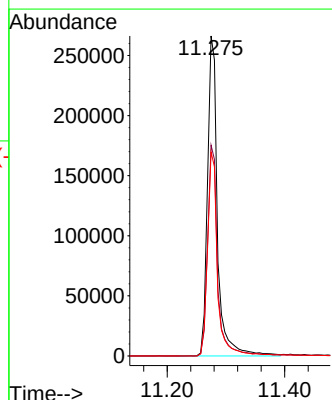
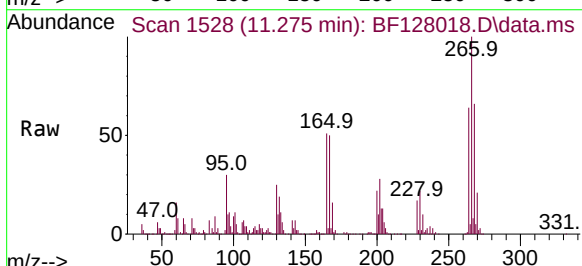
Tgt Ion:266 Resp: 316406

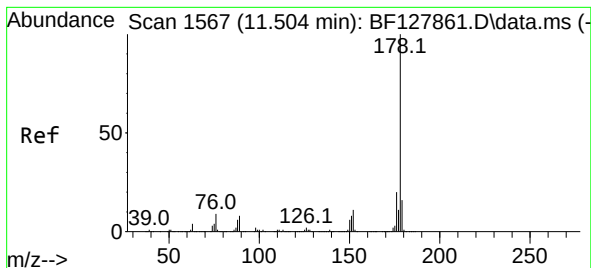
Ion Ratio Lower Upper

266 100

268 65.8 53.0 79.6

264 63.7 53.1 79.7





#71

Phenanthrene

Concen: 44.441 ng

RT: 11.498 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF128018.D

Acq: 02 May 2022 11:22

Instrument :

BNA_F

ClientSampleId :

PB144471BS

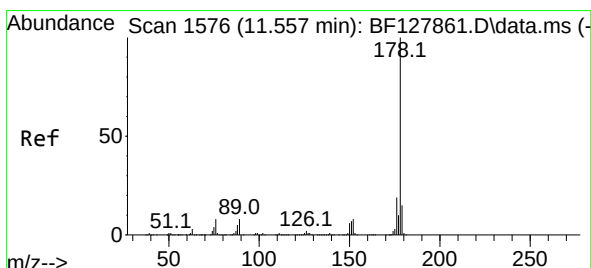
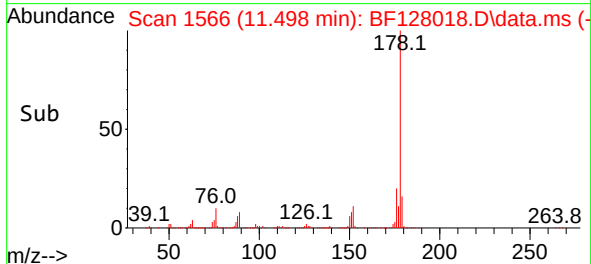
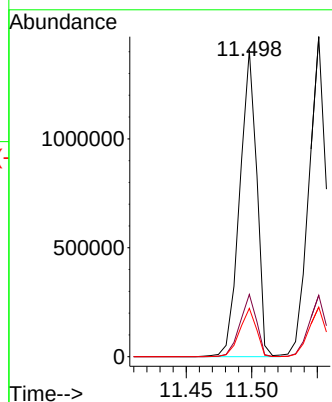
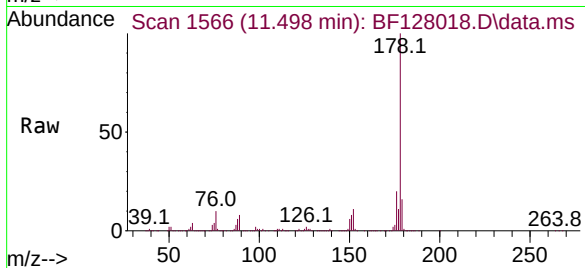
Tgt Ion:178 Resp: 1270699

Ion Ratio Lower Upper

178 100

176 20.3 15.7 23.5

179 15.8 12.6 19.0



#72

Anthracene

Concen: 45.875 ng

RT: 11.551 min Scan# 1575

Delta R.T. 0.006 min

Lab File: BF128018.D

Acq: 02 May 2022 11:22

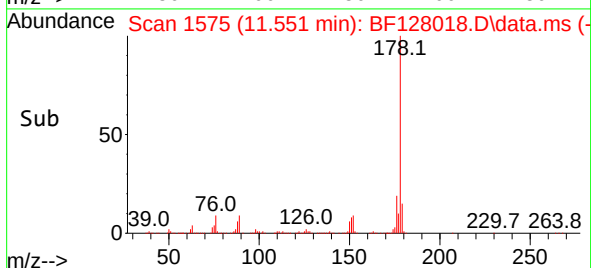
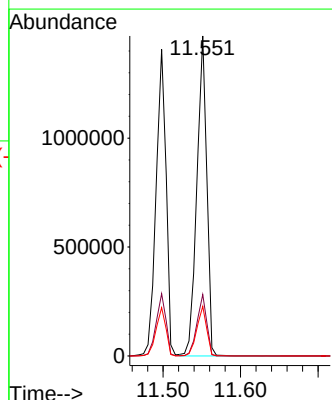
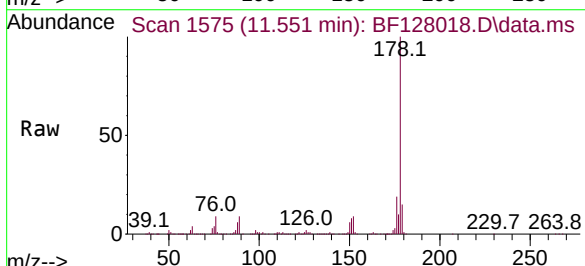
Tgt Ion:178 Resp: 1306639

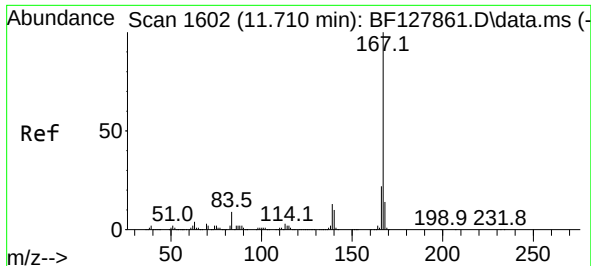
Ion Ratio Lower Upper

178 100

176 19.2 15.0 22.6

179 15.5 12.4 18.6

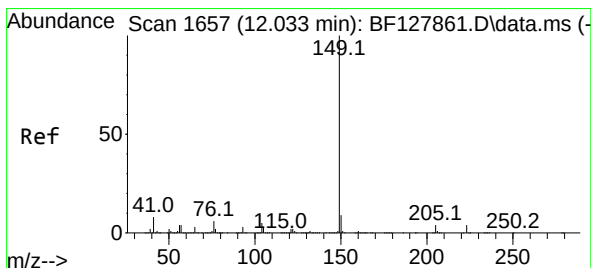
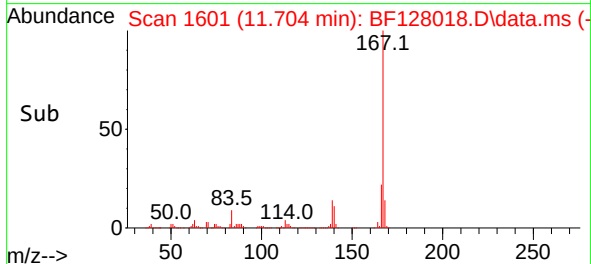
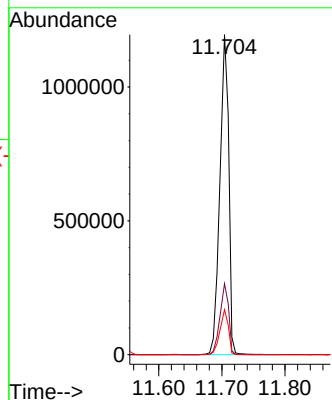
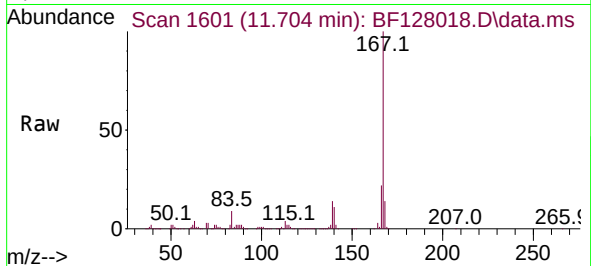




#73
Carbazole
Concen: 42.616 ng
RT: 11.704 min Scan# 1601
Delta R.T. 0.006 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

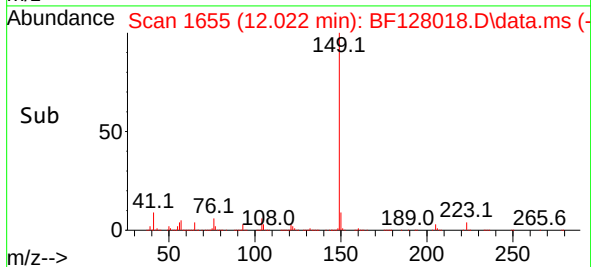
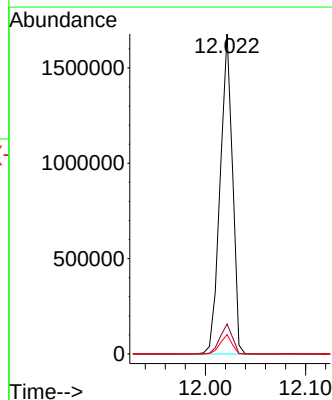
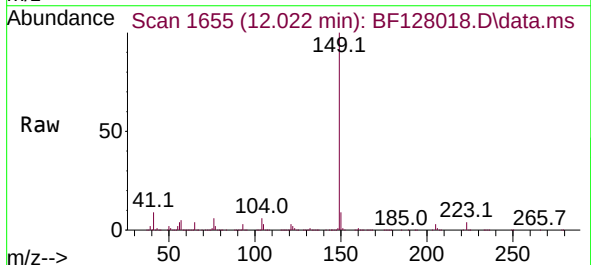
Instrument :
BNA_F
ClientSampleId :
PB144471BS

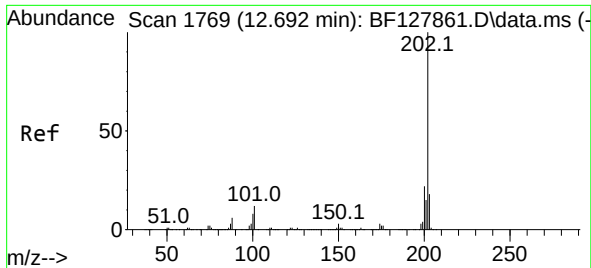
Tgt Ion:167 Resp: 1169858
Ion Ratio Lower Upper
167 100
166 22.2 17.6 26.4
139 14.1 10.7 16.1



#74
Di-n-butylphthalate
Concen: 46.296 ng
RT: 12.022 min Scan# 1655
Delta R.T. 0.000 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Tgt Ion:149 Resp: 1429065
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 6.0 4.3 6.5

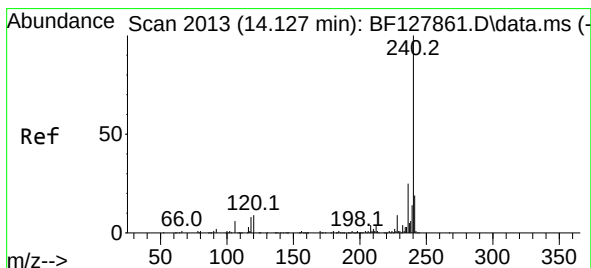
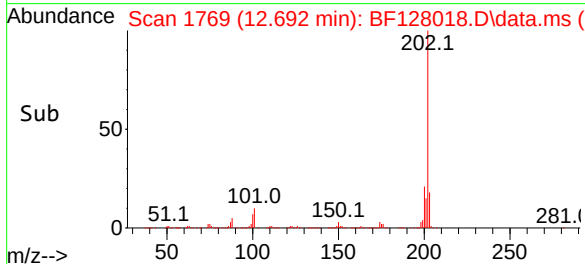
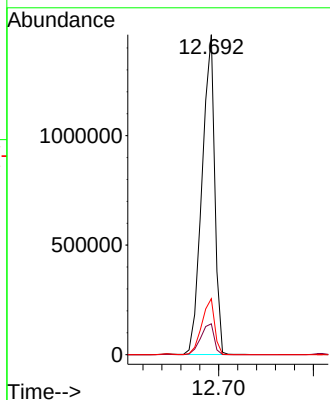
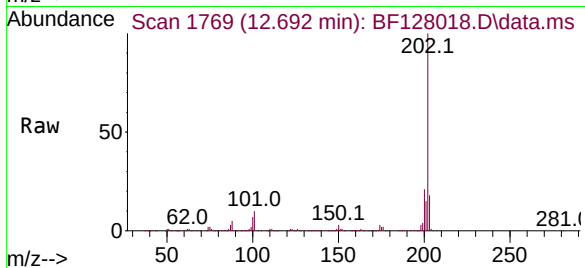




#75
Fluoranthene
Concen: 45.027 ng
RT: 12.692 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

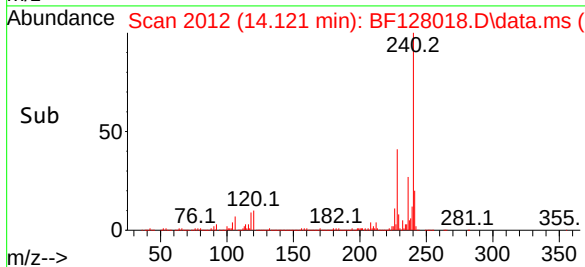
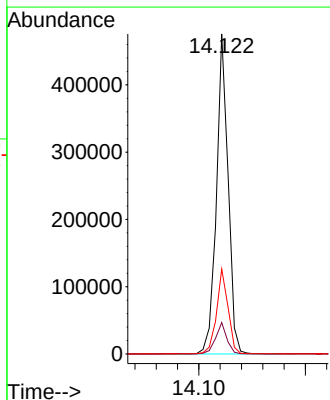
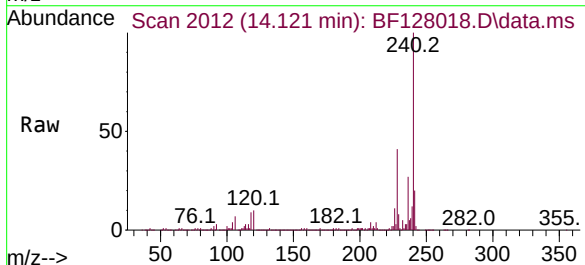
Instrument :
BNA_F
ClientSampleId :
PB144471BS

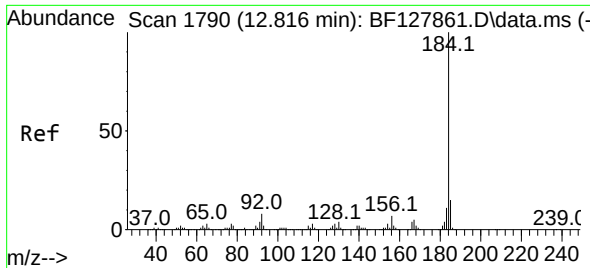
Tgt Ion:202 Resp: 1354997
Ion Ratio Lower Upper
202 100
101 9.7 0.0 31.6
203 17.5 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2012
Delta R.T. 0.006 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Tgt Ion:240 Resp: 360495
Ion Ratio Lower Upper
240 100
120 9.8 7.0 10.6
236 26.6 20.3 30.5

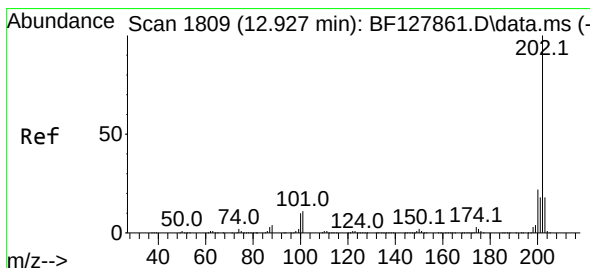
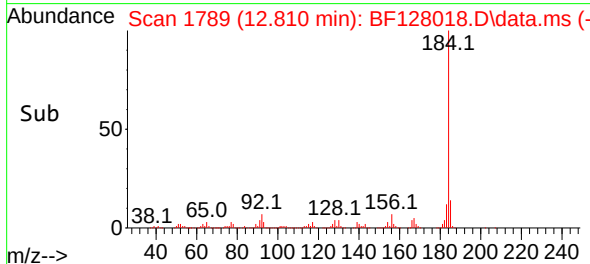
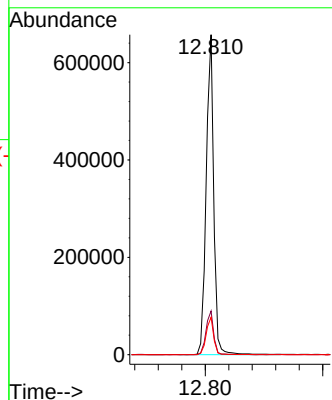
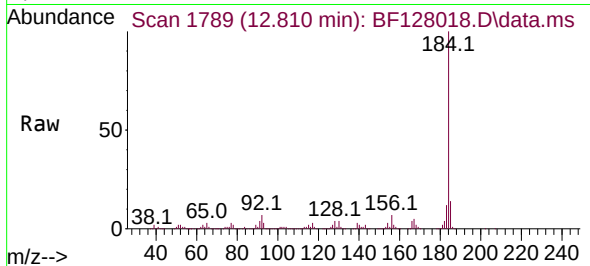




#77
Benzidine
Concen: 85.948 ng
RT: 12.810 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

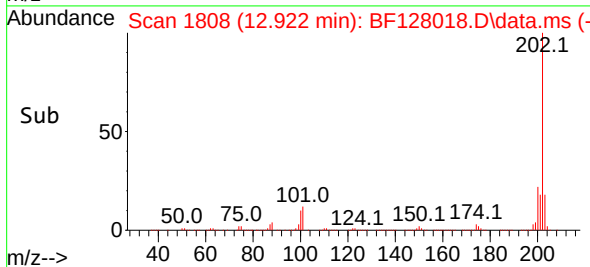
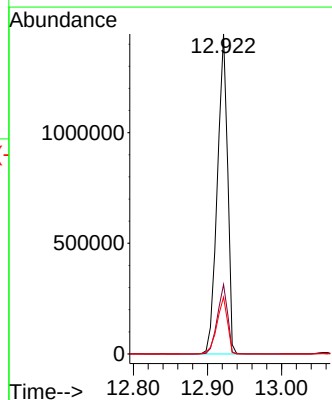
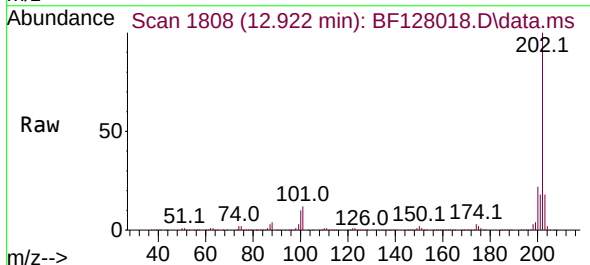
Instrument :
BNA_F
ClientSampleId :
PB144471BS

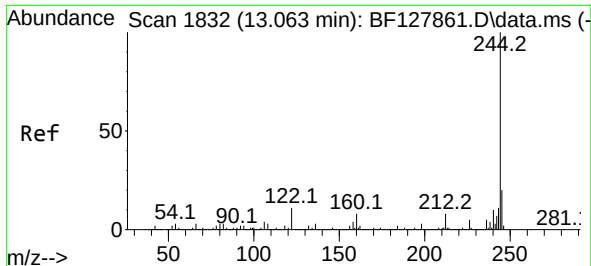
Tgt Ion:184 Resp: 586256
Ion Ratio Lower Upper
184 100
185 13.7 12.1 18.1
183 11.7 9.0 13.4



#78
Pyrene
Concen: 47.460 ng
RT: 12.922 min Scan# 1808
Delta R.T. 0.006 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Tgt Ion:202 Resp: 1381141
Ion Ratio Lower Upper
202 100
200 21.7 17.4 26.2
203 17.7 14.0 21.0

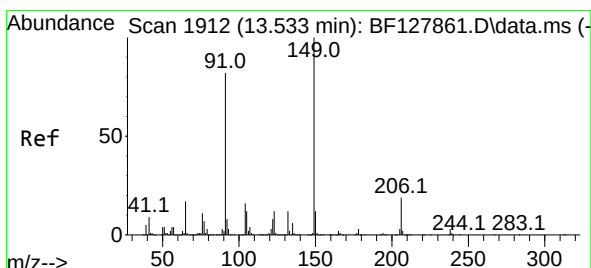
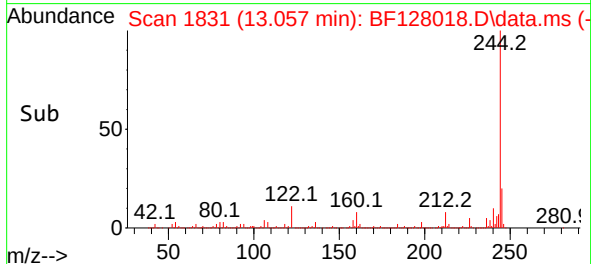
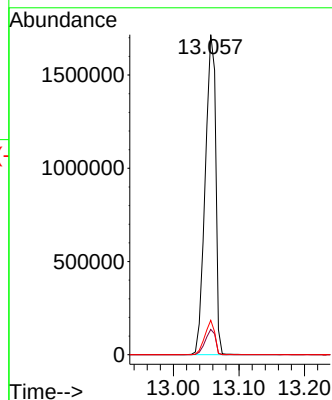
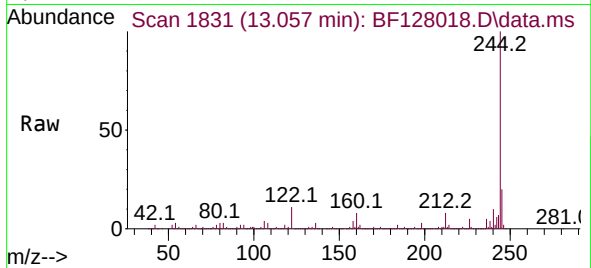




#79
 Terphenyl-d14
 Concen: 97.009 ng
 RT: 13.057 min Scan# 1831
 Delta R.T. 0.000 min
 Lab File: BF128018.D
 Acq: 02 May 2022 11:22

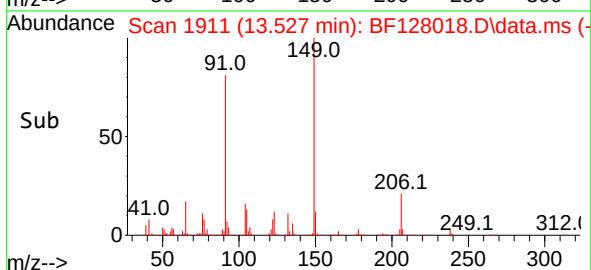
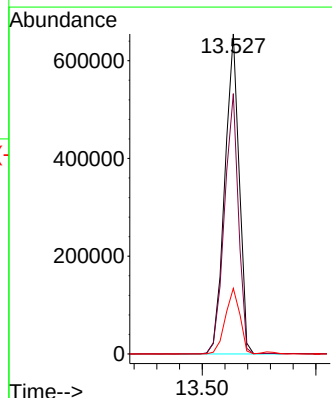
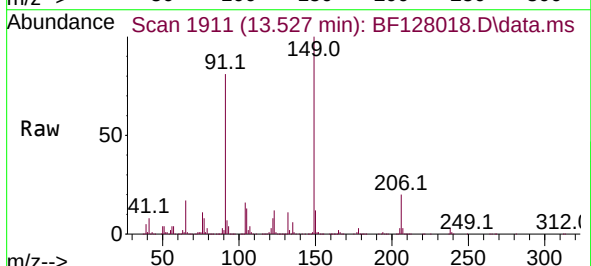
Instrument :
 BNA_F
 ClientSampleId :
 PB144471BS

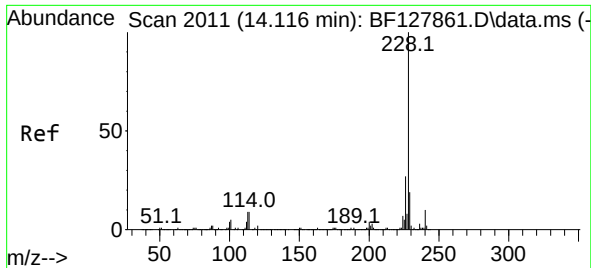
Tgt Ion:244 Resp: 1912508
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.4
 122 10.7 8.6 12.8



#80
 Butylbenzylphthalate
 Concen: 50.560 ng
 RT: 13.527 min Scan# 1911
 Delta R.T. 0.000 min
 Lab File: BF128018.D
 Acq: 02 May 2022 11:22

Tgt Ion:149 Resp: 576696
 Ion Ratio Lower Upper
 149 100
 91 81.4 65.8 98.6
 206 20.5 15.4 23.2

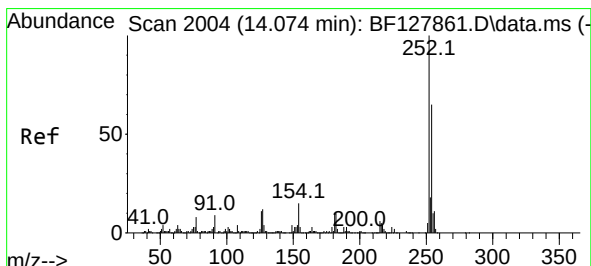
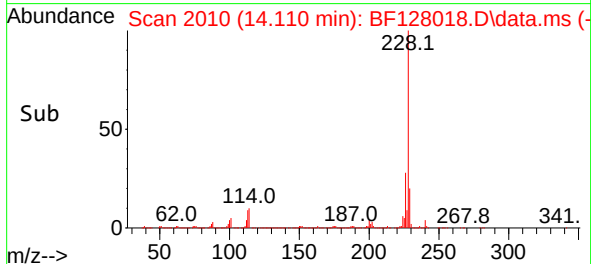
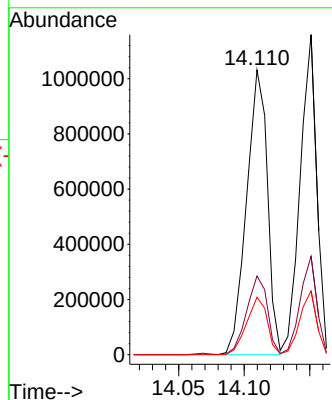
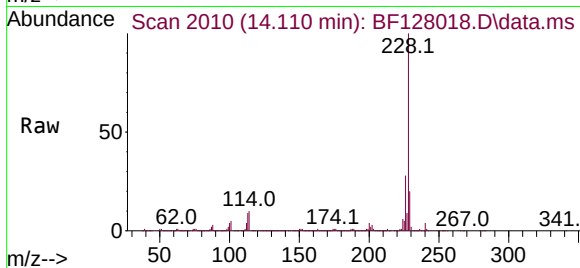




#81
Benzo(a)anthracene
Concen: 47.475 ng
RT: 14.110 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

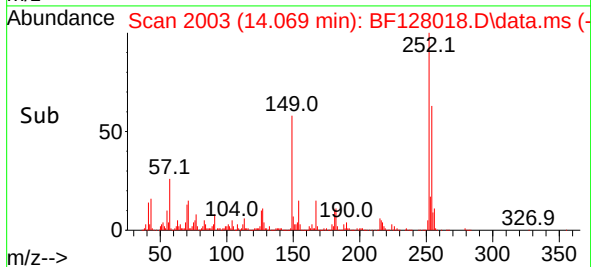
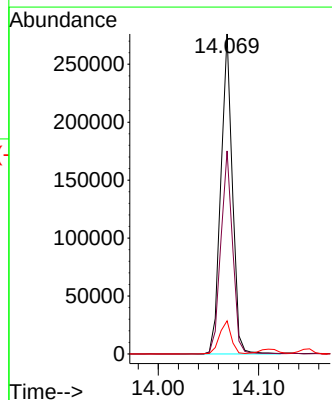
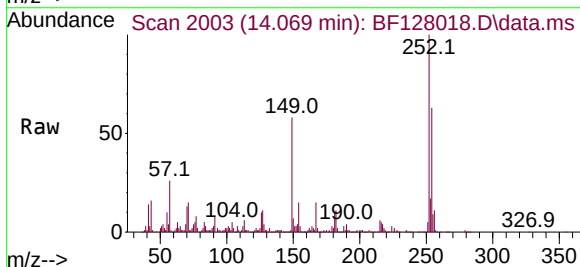
Instrument :
BNA_F
ClientSampleId :
PB144471BS

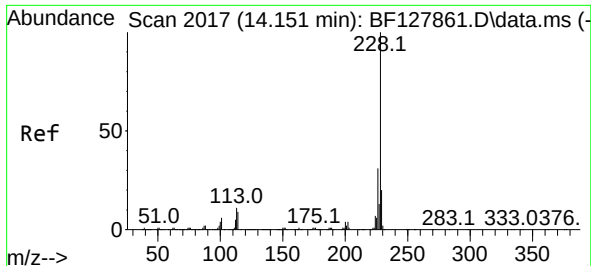
Tgt Ion:228 Resp: 1140731
Ion Ratio Lower Upper
228 100
226 27.6 21.7 32.5
229 20.2 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 28.803 ng
RT: 14.069 min Scan# 2003
Delta R.T. 0.006 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Tgt Ion:252 Resp: 219744
Ion Ratio Lower Upper
252 100
254 63.5 51.6 77.4
126 10.3 8.8 13.2

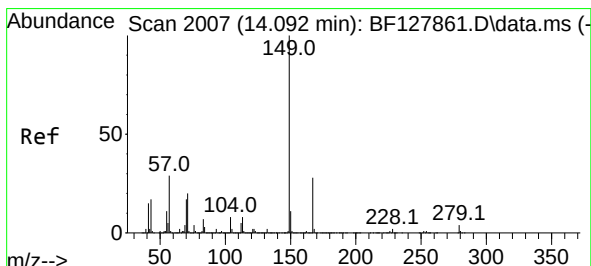
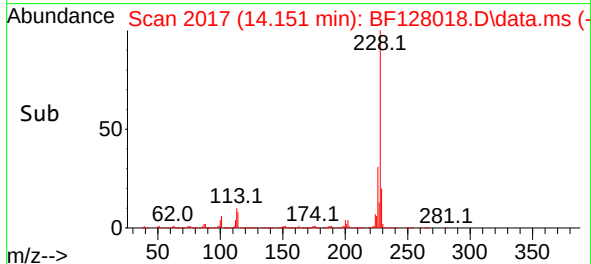
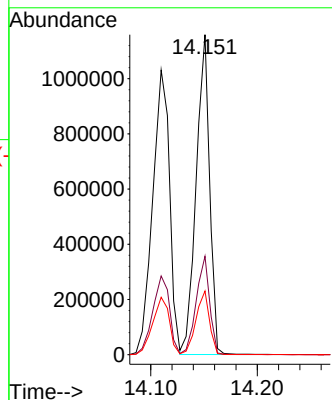
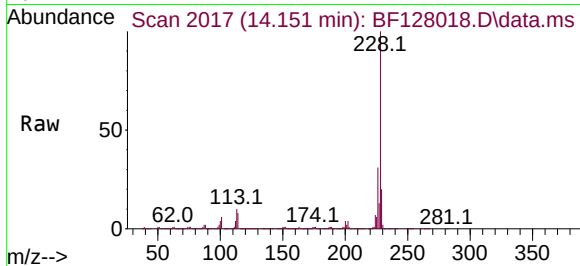




#83
Chrysene
Concen: 44.414 ng
RT: 14.151 min Scan# 2017
Delta R.T. 0.012 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

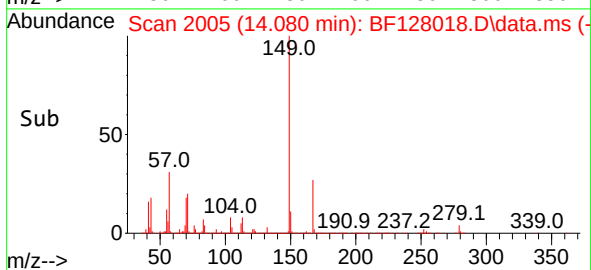
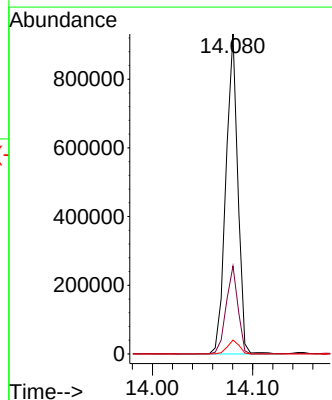
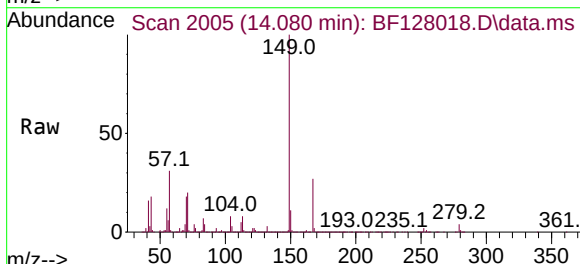
Instrument :
BNA_F
ClientSampleId :
PB144471BS

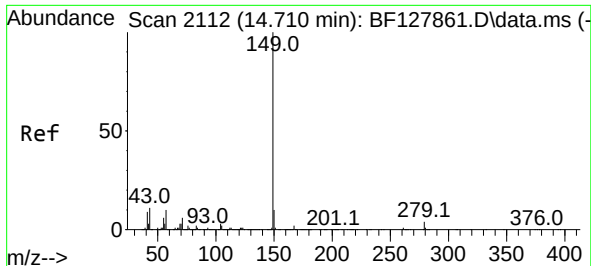
Tgt Ion:228 Resp: 1019200
Ion Ratio Lower Upper
228 100
226 30.7 24.4 36.6
229 19.9 15.8 23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 50.678 ng
RT: 14.080 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Tgt Ion:149 Resp: 766565
Ion Ratio Lower Upper
149 100
167 27.5 22.0 33.0
279 4.3 3.4 5.0

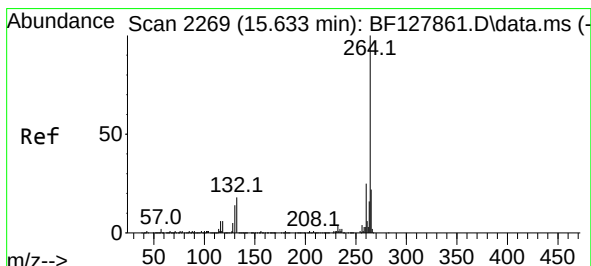
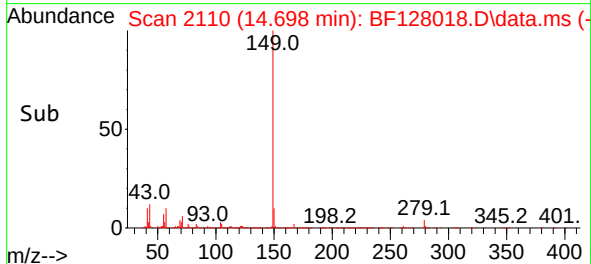
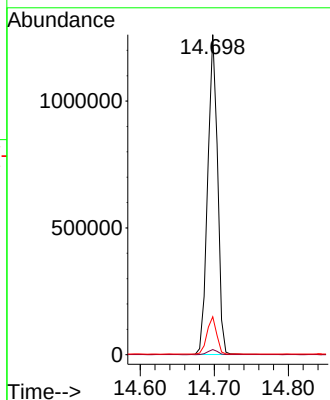
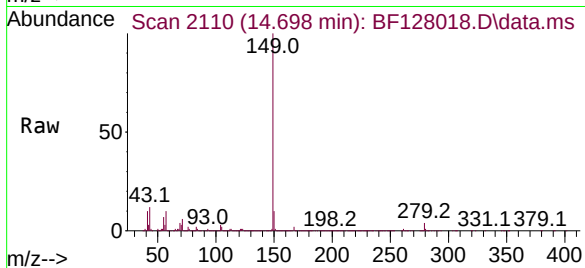




#85
Di-n-octyl phthalate
Concen: 49.600 ng
RT: 14.698 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

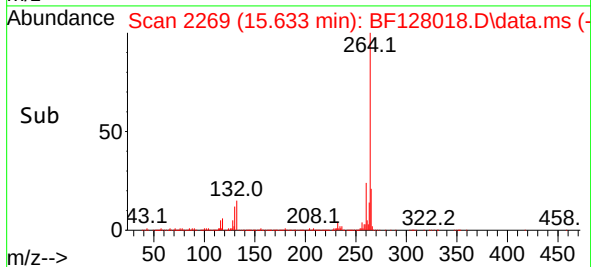
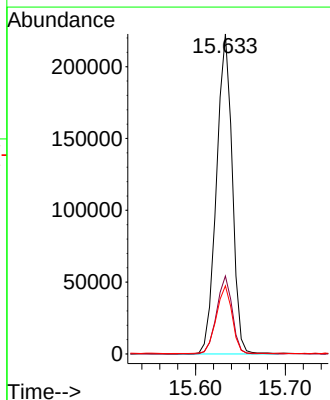
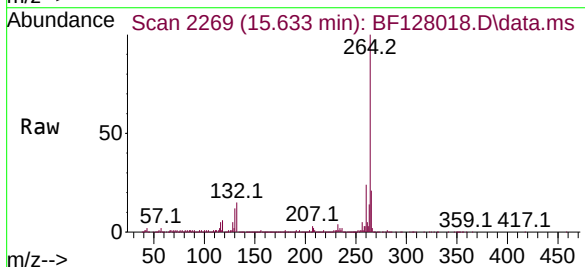
Instrument :
BNA_F
ClientSampleId :
PB144471BS

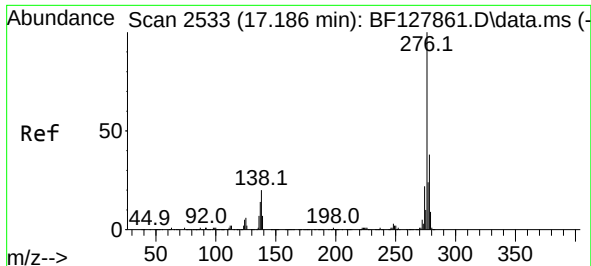
Tgt Ion:149 Resp: 1162677
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.4 8.9 13.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 2269
Delta R.T. 0.012 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Tgt Ion:264 Resp: 271291
Ion Ratio Lower Upper
264 100
260 24.3 20.1 30.1
265 21.3 17.5 26.3

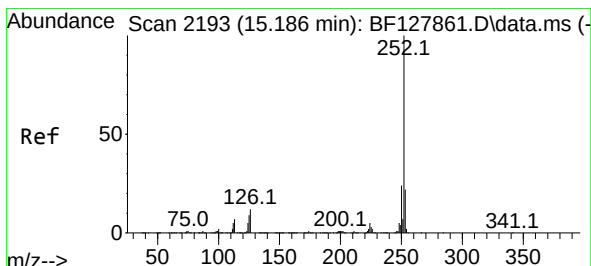
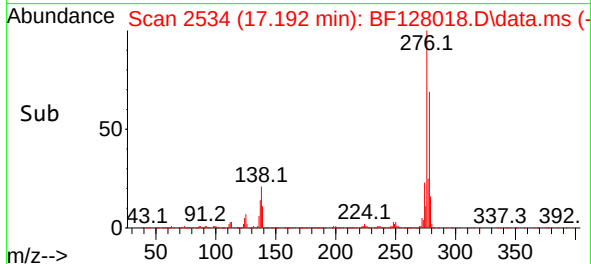
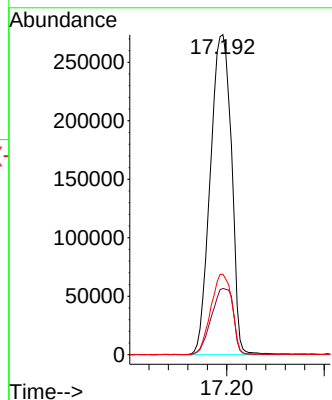
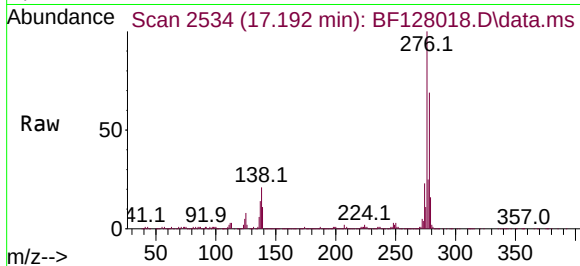




#87
Indeno(1,2,3-cd)pyrene
Concen: 45.520 ng
RT: 17.192 min Scan# 21
Delta R.T. 0.024 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

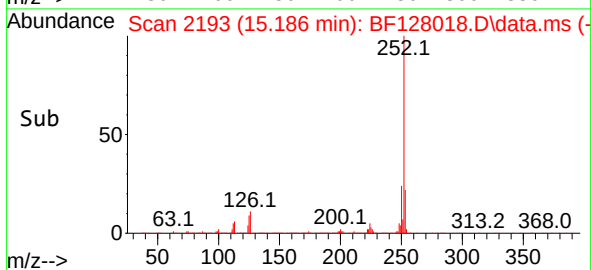
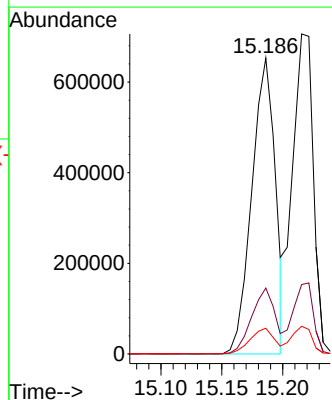
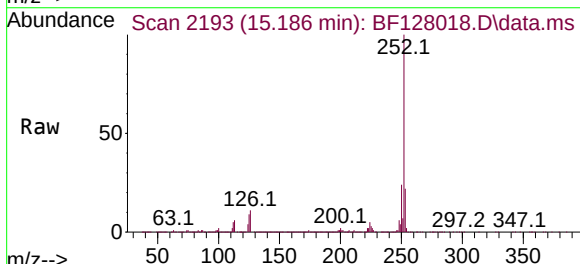
Instrument :
BNA_F
ClientSampleId :
PB144471BS

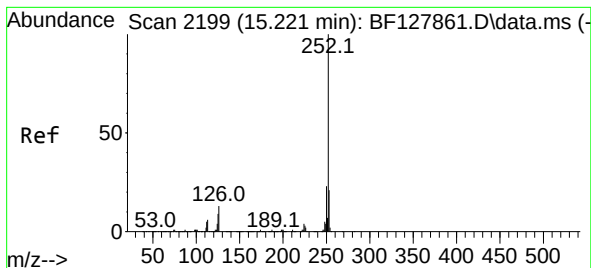
Tgt Ion:276 Resp: 824281
Ion Ratio Lower Upper
276 100
138 21.5 19.0 28.4
277 25.4 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 51.418 ng
RT: 15.186 min Scan# 2193
Delta R.T. 0.012 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Tgt Ion:252 Resp: 876134
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 8.7 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 49.286 ng

RT: 15.216 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF128018.D

Acq: 02 May 2022 11:22

Instrument :

BNA_F

ClientSampleId :

PB144471BS

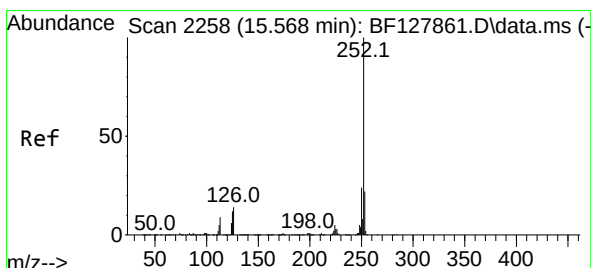
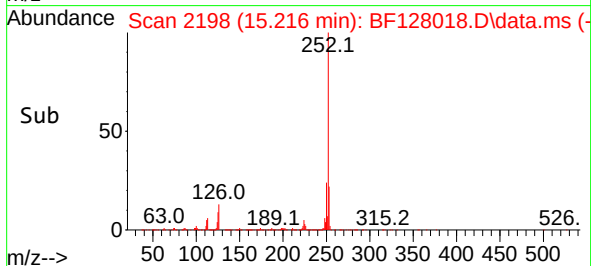
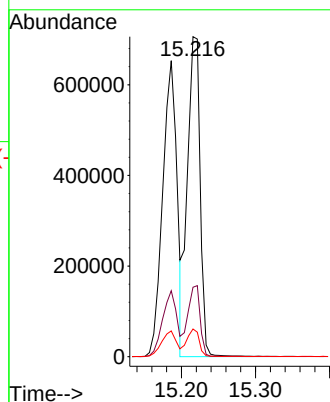
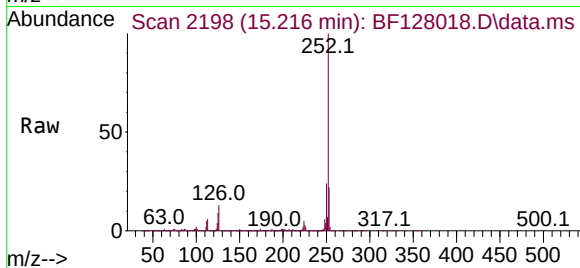
Tgt Ion:252 Resp: 846091

Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.4

125 8.7 6.8 10.2



#90

Benzo(a)pyrene

Concen: 55.724 ng

RT: 15.574 min Scan# 2259

Delta R.T. 0.018 min

Lab File: BF128018.D

Acq: 02 May 2022 11:22

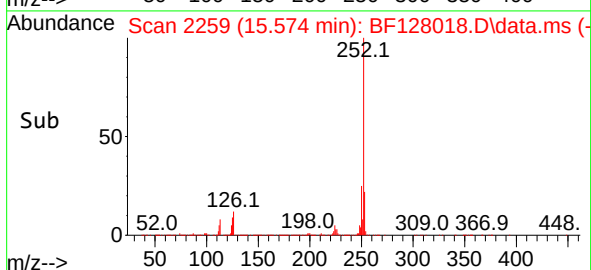
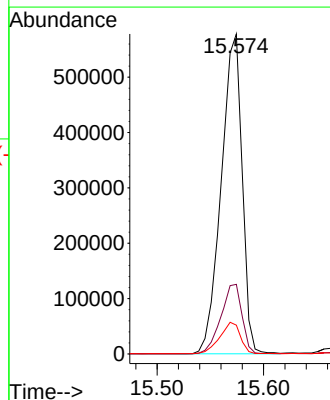
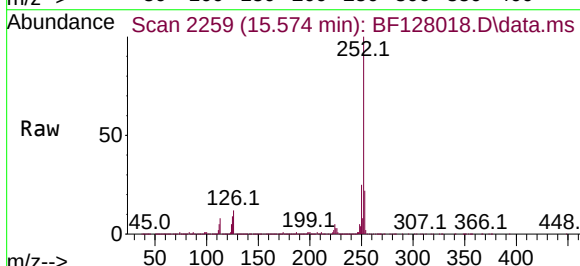
Tgt Ion:252 Resp: 787604

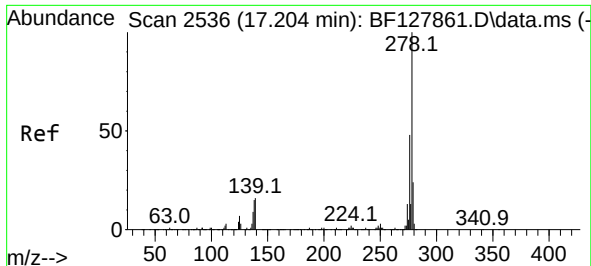
Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

125 9.0 9.2 13.8#

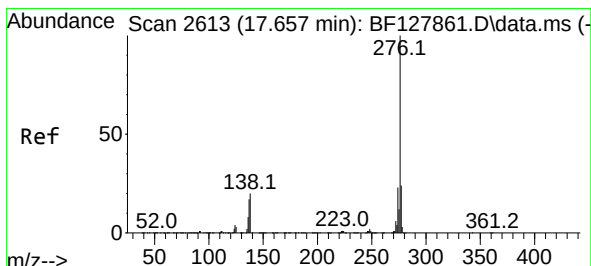
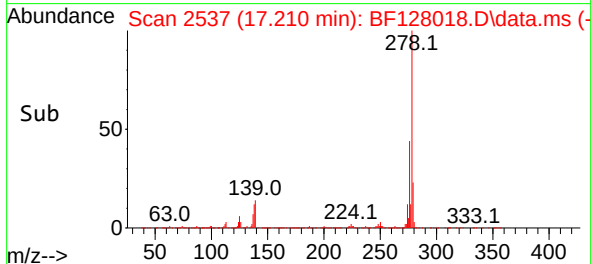
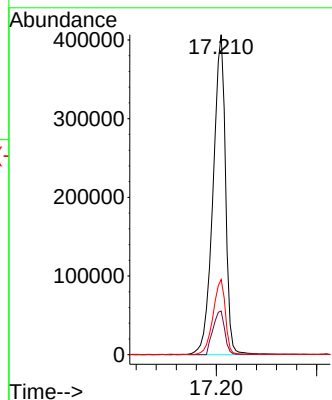
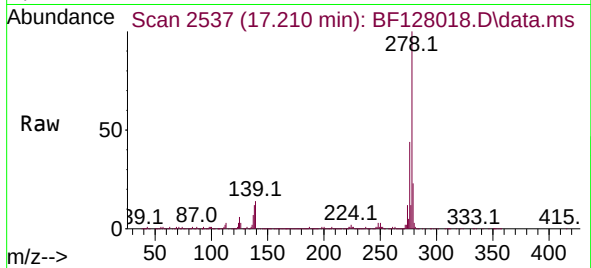




#91
Dibenzo(a,h)anthracene
Concen: 48.360 ng
RT: 17.210 min Scan# 21
Delta R.T. 0.024 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Instrument :
BNA_F
ClientSampleId :
PB144471BS

Tgt Ion:278 Resp: 702310
Ion Ratio Lower Upper
278 100
139 13.6 12.6 19.0
279 23.5 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 48.070 ng
RT: 17.668 min Scan# 2615
Delta R.T. 0.030 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Tgt Ion:276 Resp: 735696
Ion Ratio Lower Upper
276 100
277 23.1 18.8 28.2
138 17.9 16.2 24.2

