

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041823\
 Data File : BF132898.D
 Acq On : 18 Apr 2023 12:42
 Operator : CG\JU
 Sample : PB152124BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152124BS

Quant Time: Apr 18 13:31:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 04:51:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	316509	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	1277422	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	651360	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	1129622	20.000	ng	0.00
76) Chrysene-d12	13.927	240	726627	20.000	ng	0.00
86) Perylene-d12	15.351	264	777114	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	2121377	104.804	ng	0.02
7) Phenol-d6	6.404	99	2714066	105.079	ng	0.00
23) Nitrobenzene-d5	7.334	82	1681242	68.603	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	712685	109.087	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	2854544	67.324	ng	0.00
79) Terphenyl-d14	12.874	244	3015230	70.796	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.551	88	410898	41.602	ng	99
3) Pyridine	3.251	79	1028702	38.082	ng	98
4) n-Nitrosodimethylamine	3.210	42	546905	42.610	ng	99
6) Aniline	6.428	93	1251141	36.526	ng	99
8) 2-Chlorophenol	6.551	128	918185	44.713	ng	98
9) Benzaldehyde	6.310	77	563438	36.868	ng	95
10) Phenol	6.416	94	1261516	43.438	ng	93
11) bis(2-Chloroethyl)ether	6.504	93	947241	43.188	ng	97
12) 1,3-Dichlorobenzene	6.710	146	987790	43.764	ng	98
13) 1,4-Dichlorobenzene	6.787	146	992871	43.901	ng	98
14) 1,2-Dichlorobenzene	6.939	146	929504	44.018	ng	98
15) Benzyl Alcohol	6.910	79	820777	46.368	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.051	45	1702895	44.871	ng	100
17) 2-Methylphenol	7.022	107	807080	42.911	ng	99
18) Hexachloroethane	7.281	117	352957	44.969	ng	97
19) n-Nitroso-di-n-propyla...	7.186	70	705799	43.778	ng	95
20) 3+4-Methylphenols	7.175	107	939750	42.273	ng	97
22) Acetophenone	7.181	105	1280659	42.736	ng	# 98
24) Nitrobenzene	7.351	77	1044648	41.588	ng	99
25) Isophorone	7.592	82	1979643	42.586	ng	99
26) 2-Nitrophenol	7.669	139	477517	50.392	ng	99
27) 2,4-Dimethylphenol	7.710	122	882290	45.644	ng	100
28) bis(2-Chloroethoxy)met...	7.804	93	1189452	42.796	ng	100
29) 2,4-Dichlorophenol	7.910	162	793369	44.095	ng	98
30) 1,2,4-Trichlorobenzene	7.992	180	835979	43.032	ng	98
31) Naphthalene	8.075	128	2646013	40.990	ng	100
32) Benzoic acid	7.833	122	505777	52.178	ng	97
33) 4-Chloroaniline	8.116	127	375204	14.191	ng	98
34) Hexachlorobutadiene	8.192	225	464172	41.765	ng	98
35) Caprolactam	8.504	113	165089	30.812	ng	95
36) 4-Chloro-3-methylphenol	8.604	107	840386	44.501	ng	97
37) 2-Methylnaphthalene	8.769	142	1790252	40.292	ng	99
38) 1-Methylnaphthalene	8.863	142	1775988	42.898	ng	99
40) 1,2,4,5-Tetrachloroben...	8.933	216	775193	42.076	ng	99
41) Hexachlorocyclopentadiene	8.922	237	1037226	106.813	ng	99
43) 2,4,6-Trichlorophenol	9.039	196	528191	45.227	ng	99

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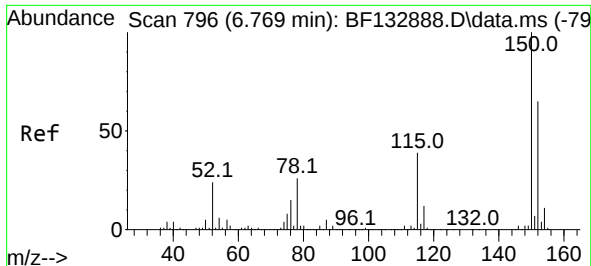
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.080	196	566935	41.514	ng	97
46) 1,1'-Biphenyl	9.233	154	2166349	41.954	ng	99
47) 2-Chloronaphthalene	9.257	162	1642365	42.981	ng	99
48) 2-Nitroaniline	9.345	65	519350	46.982	ng	99
49) Acenaphthylene	9.669	152	2530363	41.518	ng	99
50) Dimethylphthalate	9.533	163	1910147	42.417	ng	99
51) 2,6-Dinitrotoluene	9.592	165	439390	44.502	ng	99
52) Acenaphthene	9.839	154	1771780	45.114	ng	99
53) 3-Nitroaniline	9.757	138	324726	28.902	ng	94
54) 2,4-Dinitrophenol	9.863	184	399594	103.894	ng	92
55) Dibenzofuran	10.016	168	2268200	40.707	ng	98
56) 4-Nitrophenol	9.916	139	780701	93.541	ng	90
57) 2,4-Dinitrotoluene	9.998	165	577604	47.400	ng	88
58) Fluorene	10.357	166	1660093	40.672	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.127	232	469478	44.296	ng	99
60) Diethylphthalate	10.233	149	1793167	42.613	ng	99
61) 4-Chlorophenyl-phenyle...	10.351	204	841122	40.515	ng	99
62) 4-Nitroaniline	10.374	138	466534	43.202	ng	97
63) Azobenzene	10.510	77	1938754	41.245	ng	100
65) 4,6-Dinitro-2-methylph...	10.398	198	262207	48.468	ng	97
66) n-Nitrosodiphenylamine	10.469	169	1541324	41.895	ng	99
67) 4-Bromophenyl-phenylether	10.839	248	545841	42.316	ng	99
68) Hexachlorobenzene	10.904	284	595081	44.467	ng	98
69) Atrazine	10.998	200	498508	48.479	ng	98
70) Pentachlorophenol	11.092	266	698431	80.877	ng	99
71) Phenanthrene	11.316	178	2492817	41.026	ng	99
72) Anthracene	11.369	178	2566868	41.268	ng	99
73) Carbazole	11.516	167	2271307	42.202	ng	99
74) Di-n-butylphthalate	11.857	149	2635225	45.676	ng	100
75) Fluoranthene	12.498	202	2496653	41.319	ng	99
77) Benzidine	12.621	184	1140235	100.735	ng	98
78) Pyrene	12.727	202	2530911	42.597	ng	99
80) Butylbenzylphthalate	13.351	149	703590	48.957	ng	97
81) Benzo(a)anthracene	13.910	228	2169838	43.910	ng	100
82) 3,3'-Dichlorobenzidine	13.874	252	378985	31.705	ng	# 98
83) Chrysene	13.951	228	2022666	41.181	ng	99
84) Bis(2-ethylhexyl)phtha...	13.921	149	1059509	56.374	ng	99
85) Di-n-octyl phthalate	14.527	149	2026987	49.405	ng	97
87) Indeno(1,2,3-cd)pyrene	16.751	276	1999319	45.025	ng	100
88) Benzo(b)fluoranthene	14.945	252	2114787	43.688	ng	99
89) Benzo(k)fluoranthene	14.974	252	2077713	43.087	ng	99
90) Benzo(a)pyrene	15.298	252	1831114	41.405	ng	100
91) Dibenzo(a,h)anthracene	16.774	278	1691088	44.696	ng	97
92) Benzo(g,h,i)perylene	17.174	276	1572698	43.413	ng	99

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

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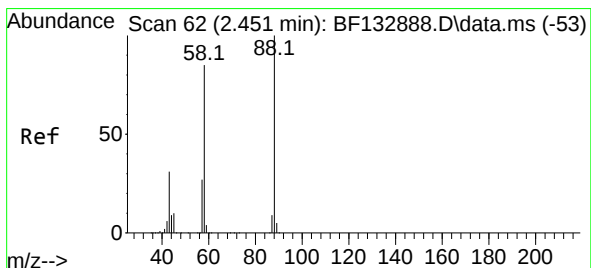
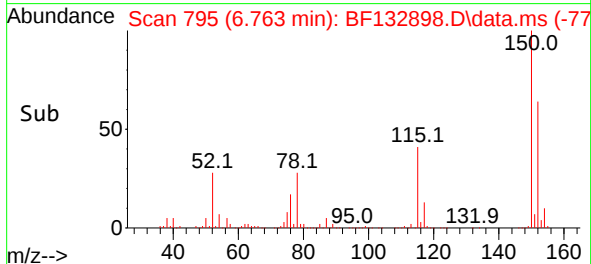
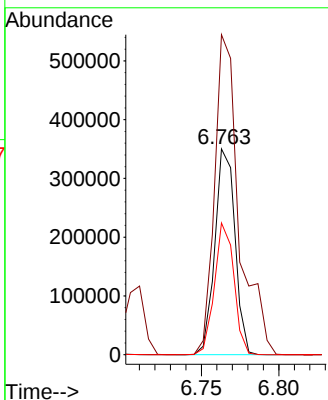
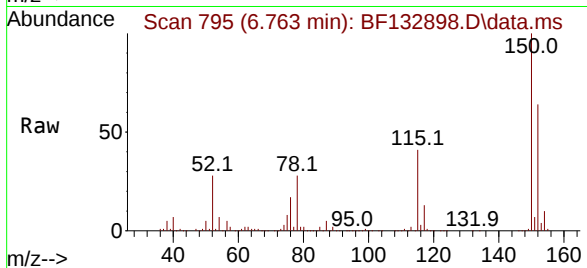




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.763 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF132898.D
 Acq: 18 Apr 2023 12:42

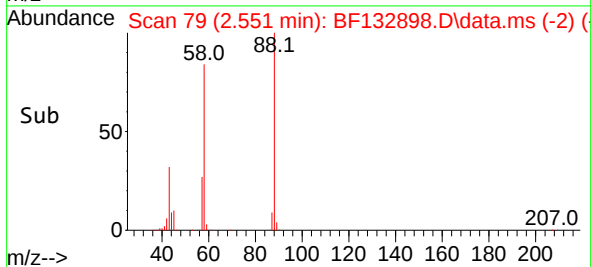
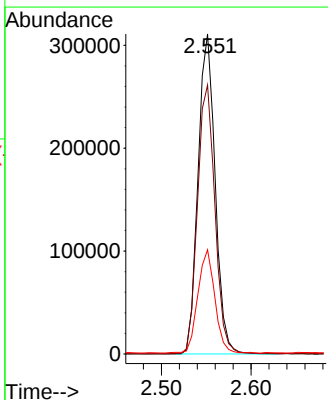
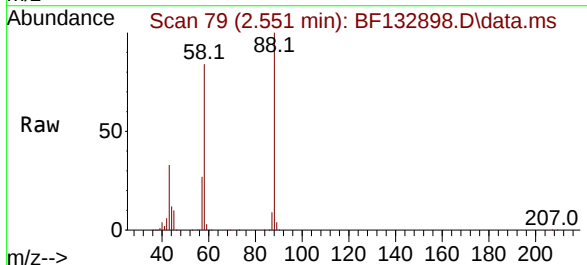
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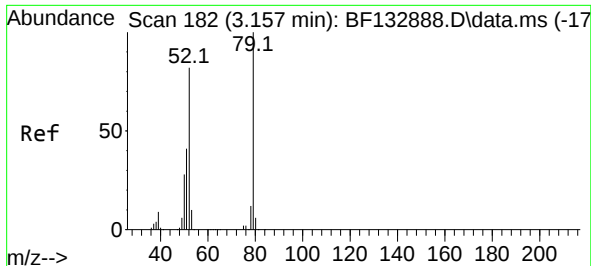
Tgt Ion:152 Resp: 316509
 Ion Ratio Lower Upper
 152 100
 150 155.5 122.8 184.2
 115 64.0 47.3 70.9



#2
 1,4-Dioxane
 Concen: 41.602 ng
 RT: 2.551 min Scan# 79
 Delta R.T. 0.100 min
 Lab File: BF132898.D
 Acq: 18 Apr 2023 12:42

Tgt Ion: 88 Resp: 410898
 Ion Ratio Lower Upper
 88 100
 58 85.7 67.8 101.6
 43 32.0 25.4 38.0



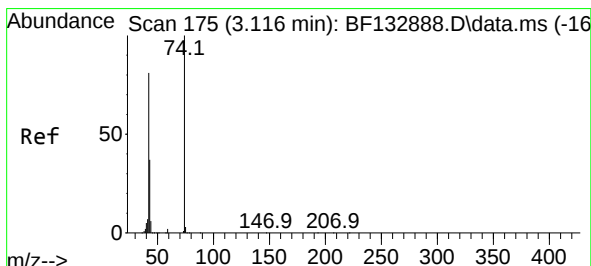
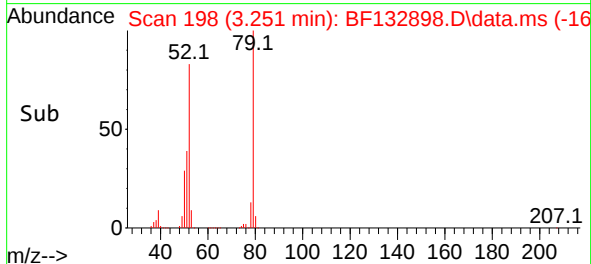
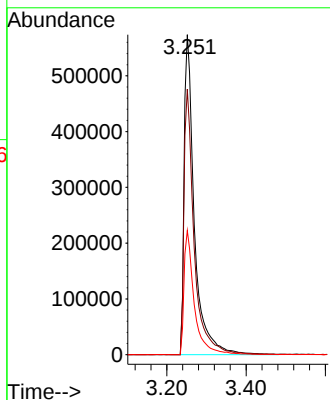
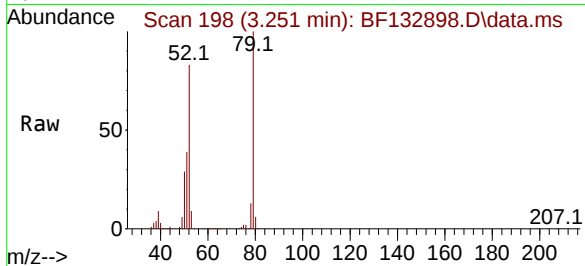


#3
Pyridine
Concen: 38.082 ng
RT: 3.251 min Scan# 198
Delta R.T. 0.094 min
Lab File: BF132898.D
Acq: 18 Apr 2023 12:42

Instrument :
BNA_F
ClientSampleId :
PB152124BS

Tgt Ion: 79 Resp: 1028702

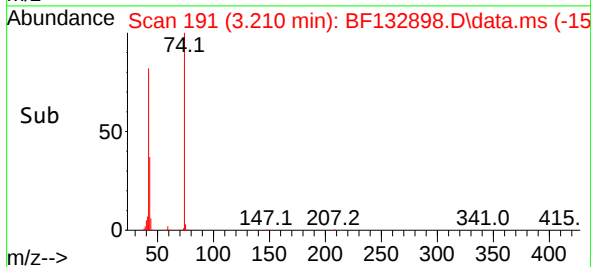
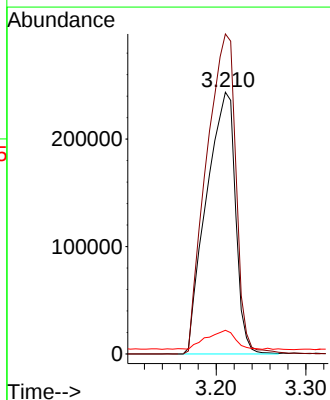
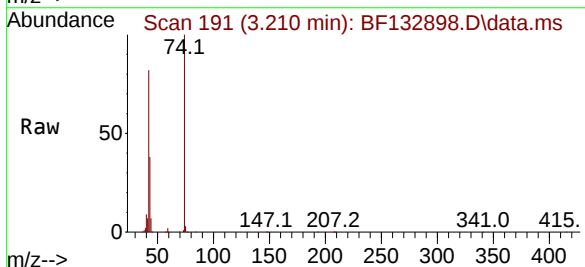
Ion	Ratio	Lower	Upper
79	100		
52	83.0	65.4	98.0
51	38.8	32.6	48.8

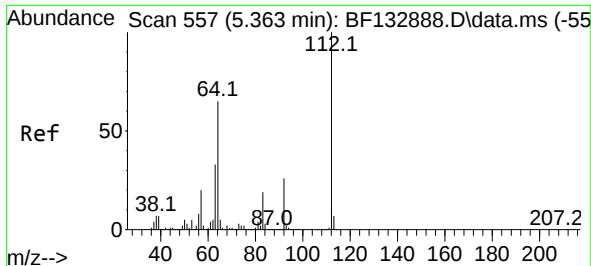


#4
n-Nitrosodimethylamine
Concen: 42.610 ng
RT: 3.210 min Scan# 191
Delta R.T. 0.094 min
Lab File: BF132898.D
Acq: 18 Apr 2023 12:42

Tgt Ion: 42 Resp: 546905

Ion	Ratio	Lower	Upper
42	100		
74	122.3	98.4	147.6
44	9.1	6.1	9.1

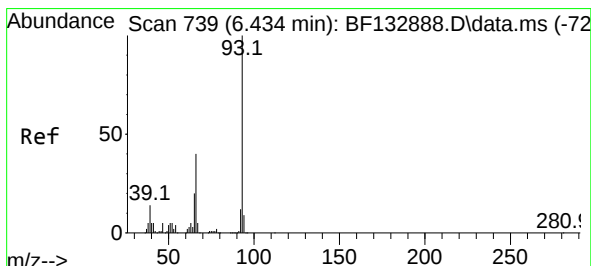
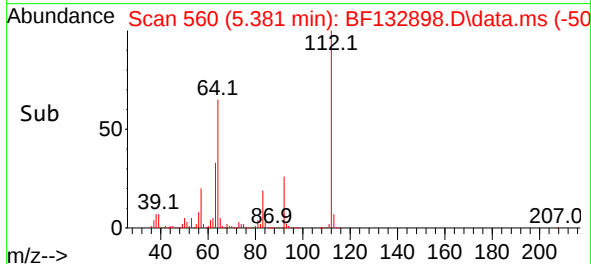
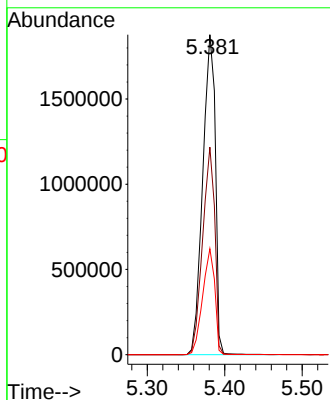
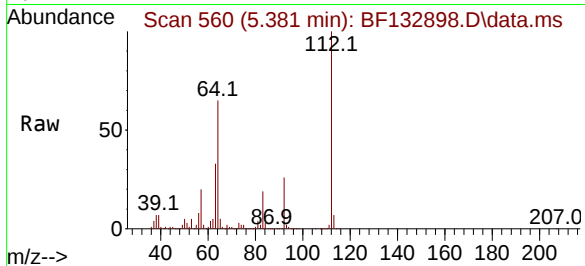




#5
2-Fluorophenol
Concen: 104.804 ng
RT: 5.381 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF132898.D
Acq: 18 Apr 2023 12:42

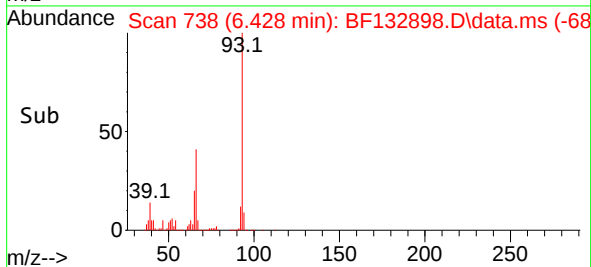
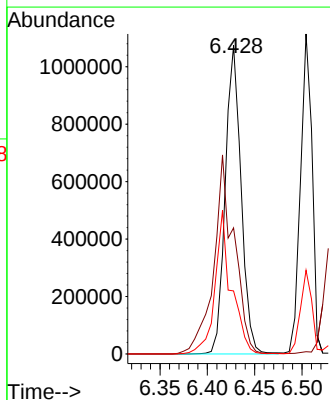
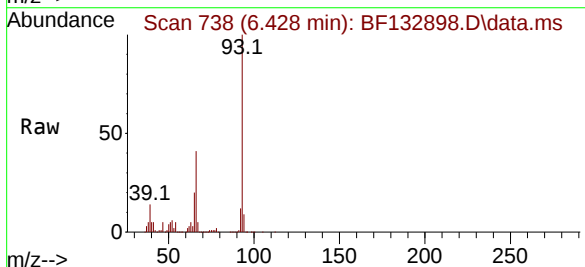
Instrument :
BNA_F
ClientSampleId :
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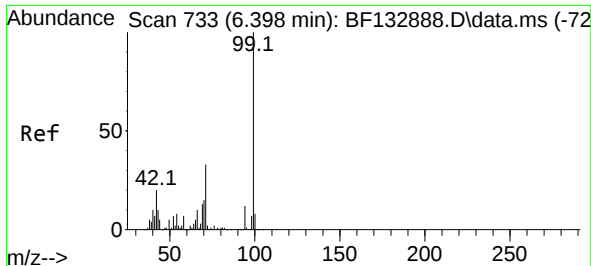
Tgt Ion:112 Resp: 2121377
Ion Ratio Lower Upper
112 100
64 64.9 51.8 77.8
63 33.1 26.3 39.5



#6
Aniline
Concen: 36.526 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF132898.D
Acq: 18 Apr 2023 12:42

Tgt Ion: 93 Resp: 1251141
Ion Ratio Lower Upper
93 100
66 40.9 31.8 47.6
65 20.5 16.3 24.5





#7

Phenol-d6

Concen: 105.079 ng

RT: 6.404 min Scan# 714

Delta R.T. 0.006 min

Lab File: BF132898.D

Acq: 18 Apr 2023 12:42

Instrument :

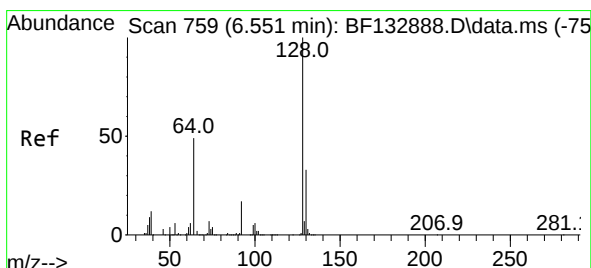
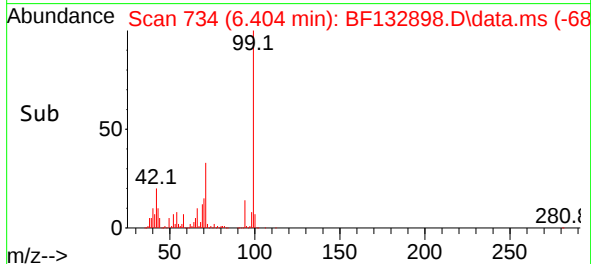
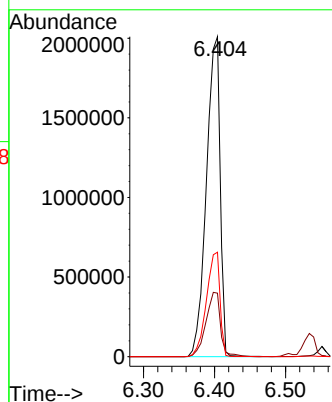
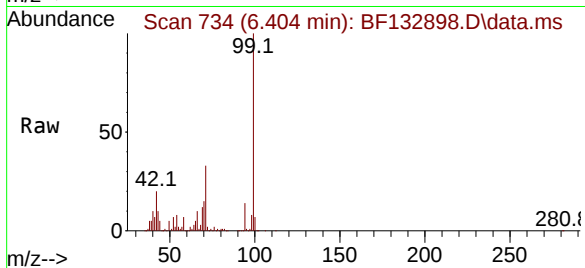
BNA_F

ClientSampleId :

PB152124BS

Tgt Ion: 99 Resp: 2714066

Ion	Ratio	Lower	Upper
99	100		
42	19.8	16.1	24.1
71	32.7	26.1	39.1



#8

2-Chlorophenol

Concen: 44.713 ng

RT: 6.551 min Scan# 759

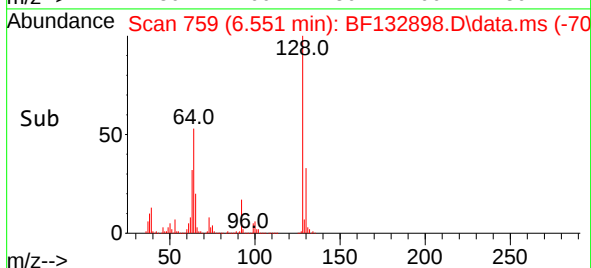
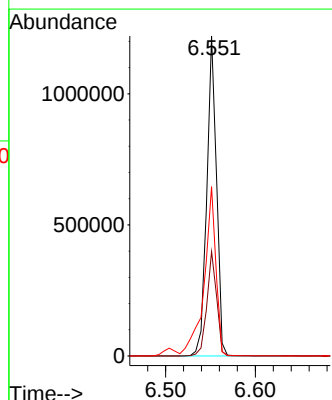
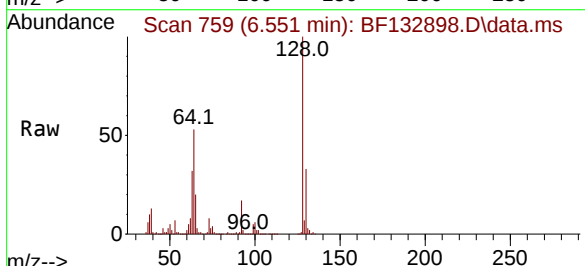
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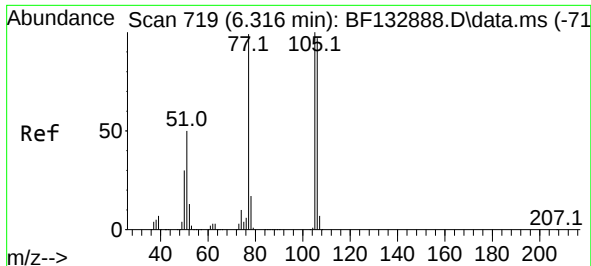
Lab File: BF132898.D

Acq: 18 Apr 2023 12:42

Tgt Ion:128 Resp: 918185

Ion	Ratio	Lower	Upper
128	100		
130	32.7	13.2	53.2
64	52.9	30.9	70.9

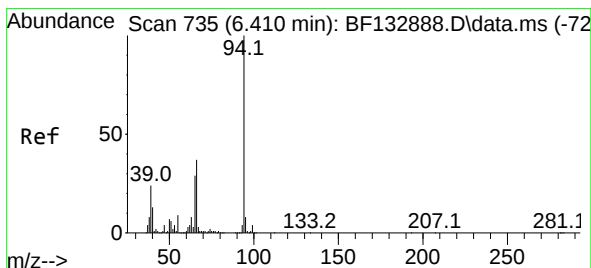
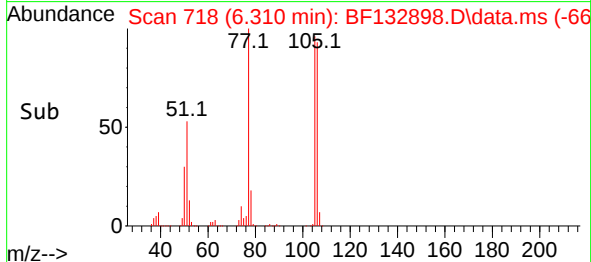
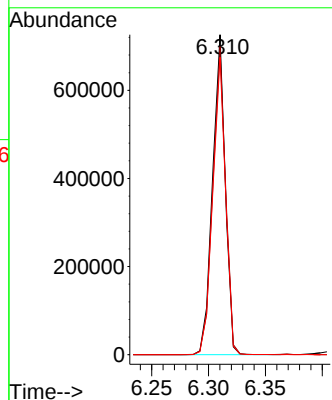
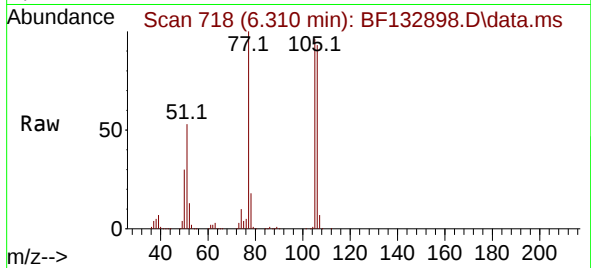




#9
Benzaldehyde
Concen: 36.868 ng
RT: 6.310 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF132898.D
Acq: 18 Apr 2023 12:42

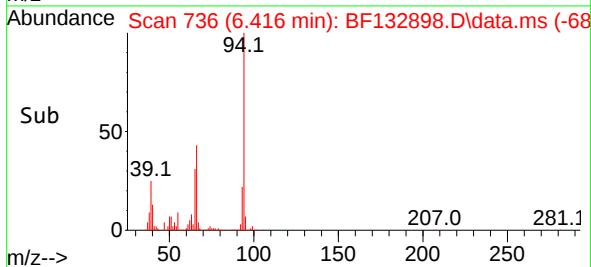
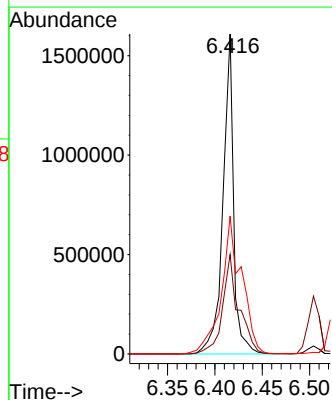
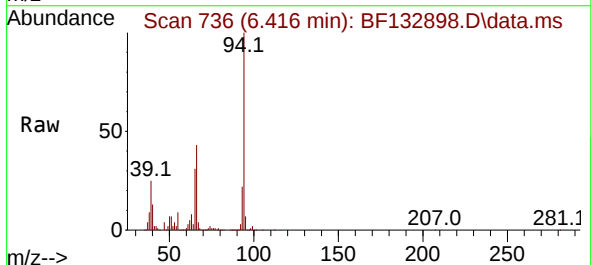
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ClientSampleId :
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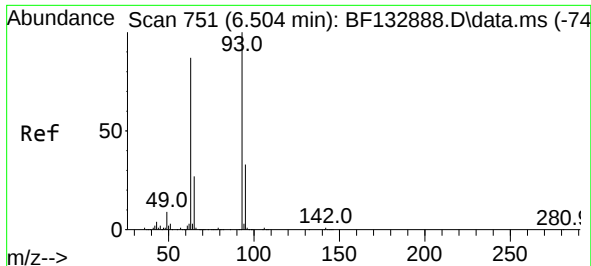
Tgt Ion: 77 Resp: 563438
Ion Ratio Lower Upper
77 100
105 96.3 80.8 120.8
106 92.9 77.9 117.9



#10
Phenol
Concen: 43.438 ng
RT: 6.416 min Scan# 736
Delta R.T. 0.006 min
Lab File: BF132898.D
Acq: 18 Apr 2023 12:42

Tgt Ion: 94 Resp: 1261516
Ion Ratio Lower Upper
94 100
65 31.1 9.0 49.0
66 43.1 17.1 57.1

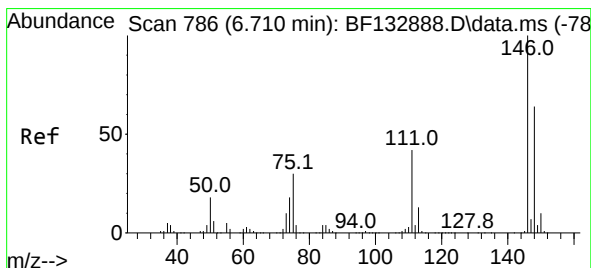
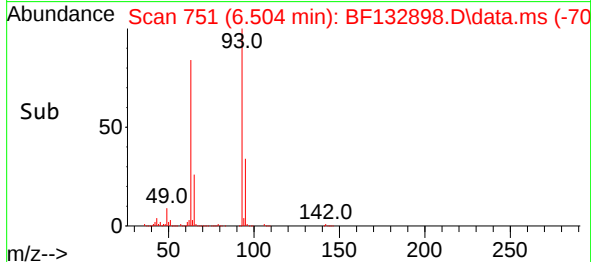
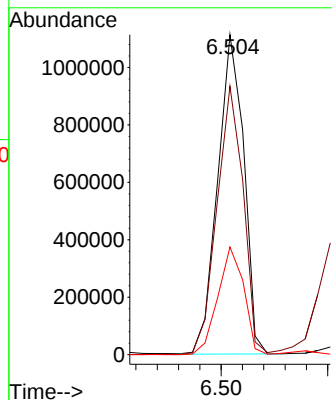
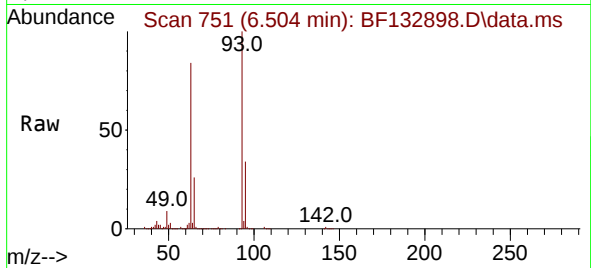




#11
bis(2-Chloroethyl)ether
Concen: 43.188 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF132898.D
Acq: 18 Apr 2023 12:42

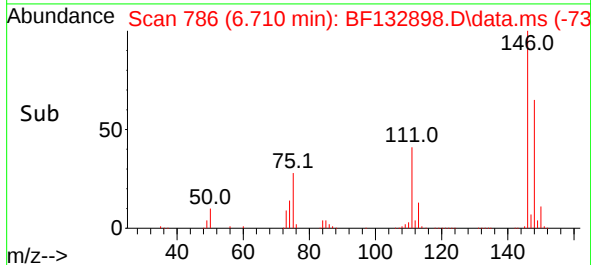
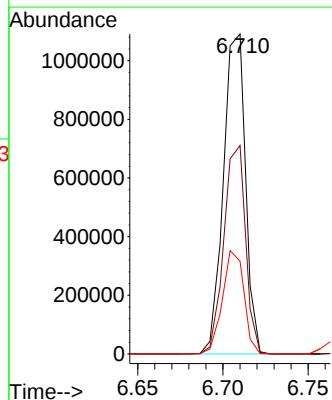
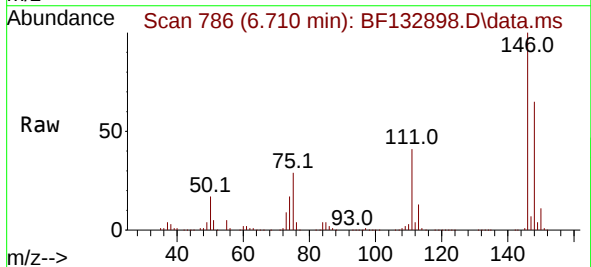
Instrument :
BNA_F
ClientSampleId :
PB152124BS

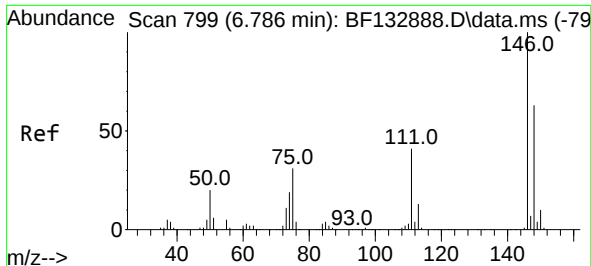
Tgt Ion: 93 Resp: 947241
Ion Ratio Lower Upper
93 100
63 83.9 66.7 106.7
95 33.7 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 43.764 ng
RT: 6.710 min Scan# 786
Delta R.T. 0.000 min
Lab File: BF132898.D
Acq: 18 Apr 2023 12:42

Tgt Ion:146 Resp: 987790
Ion Ratio Lower Upper
146 100
148 65.1 51.1 76.7
75 29.0 23.9 35.9





#13

1,4-Dichlorobenzene

Concen: 43.901 ng

RT: 6.787 min Scan# 799

Delta R.T. 0.000 min

Lab File: BF132898.D

Acq: 18 Apr 2023 12:42

Instrument :

BNA_F

ClientSampleId :

PB152124BS

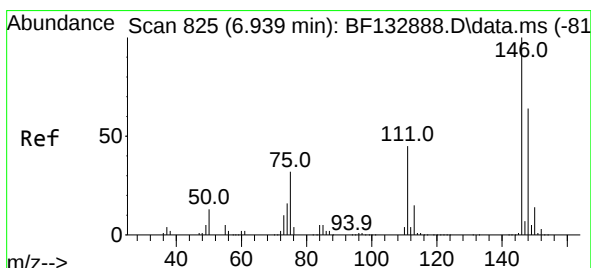
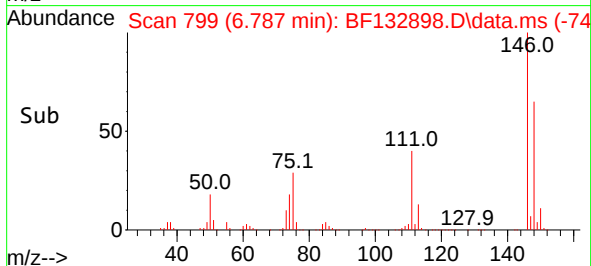
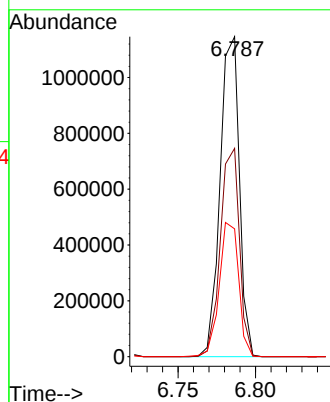
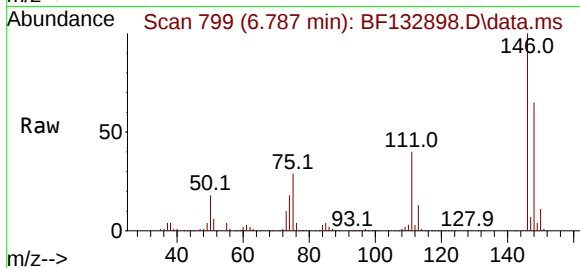
Tgt Ion:146 Resp: 992871

Ion Ratio Lower Upper

146 100

148 65.1 50.7 76.1

111 40.0 32.5 48.7



#14

1,2-Dichlorobenzene

Concen: 44.018 ng

RT: 6.939 min Scan# 825

Delta R.T. 0.000 min

Lab File: BF132898.D

Acq: 18 Apr 2023 12:42

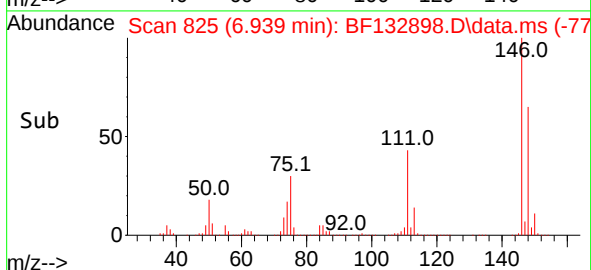
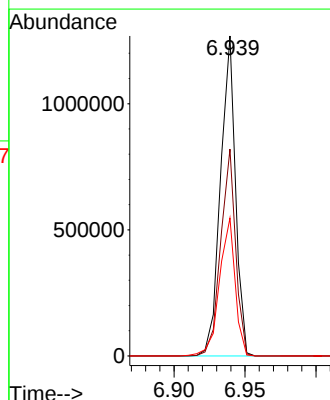
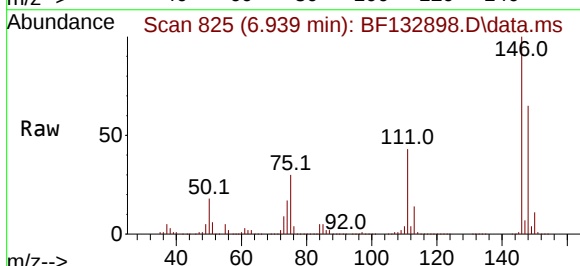
Tgt Ion:146 Resp: 929504

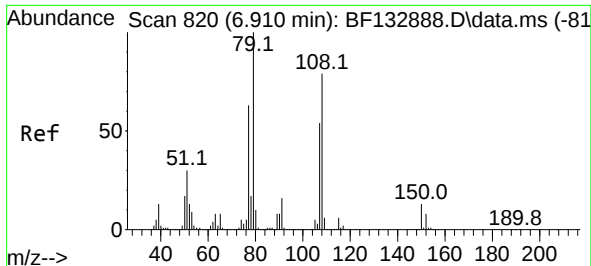
Ion Ratio Lower Upper

146 100

148 64.7 51.3 76.9

111 43.1 36.0 54.0

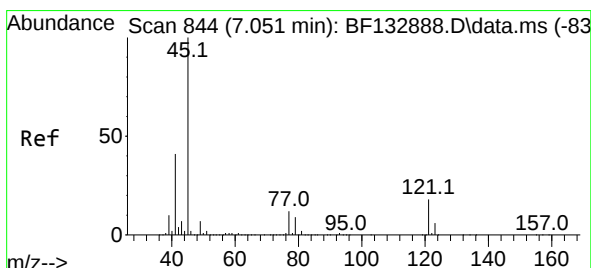
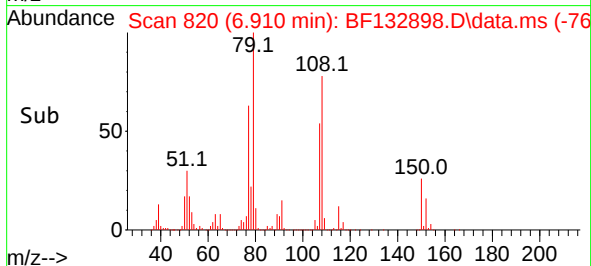
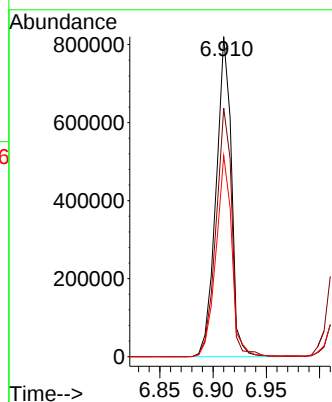
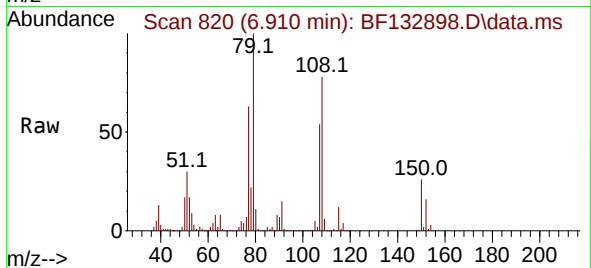




#15
Benzyl Alcohol
Concen: 46.368 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF132898.D
Acq: 18 Apr 2023 12:42

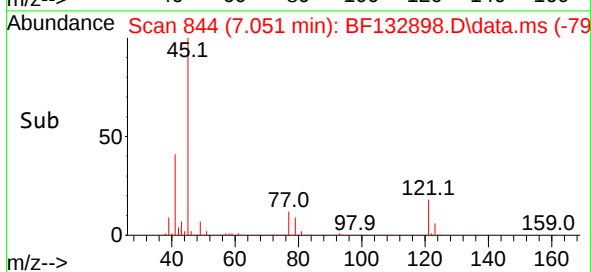
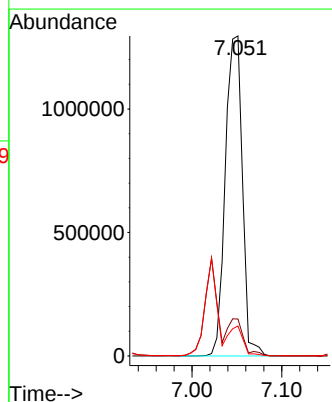
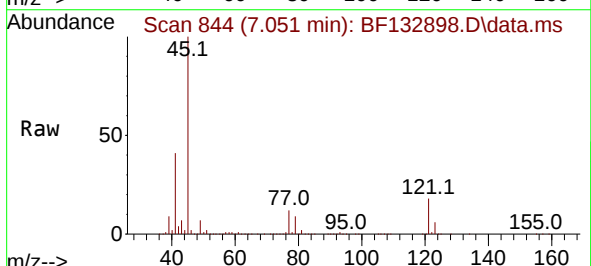
Instrument :
BNA_F
ClientSampleId :
PB152124BS

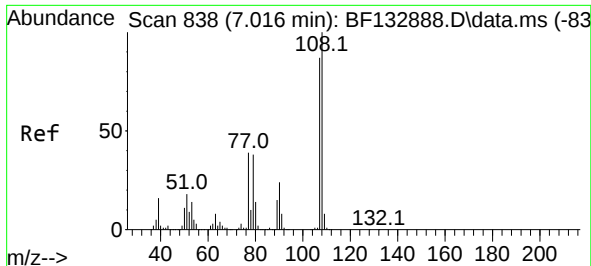
Tgt Ion: 79 Resp: 820777
Ion Ratio Lower Upper
79 100
108 77.7 63.0 94.6
77 62.9 50.4 75.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 44.871 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF132898.D
Acq: 18 Apr 2023 12:42

Tgt Ion: 45 Resp: 1702895
Ion Ratio Lower Upper
45 100
77 11.6 0.0 31.6
79 9.3 0.0 29.2

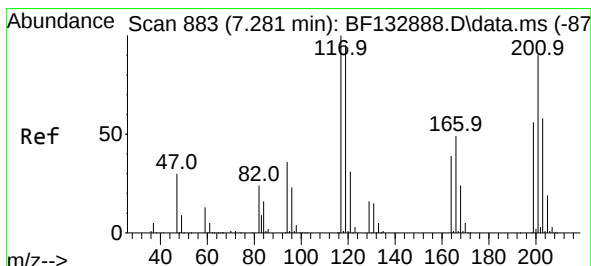
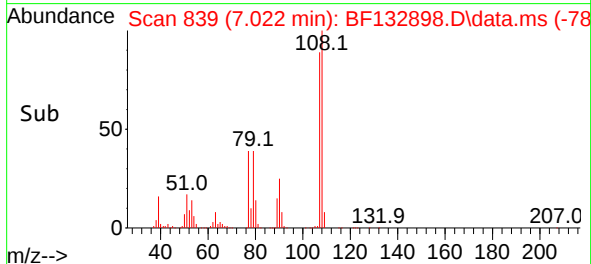
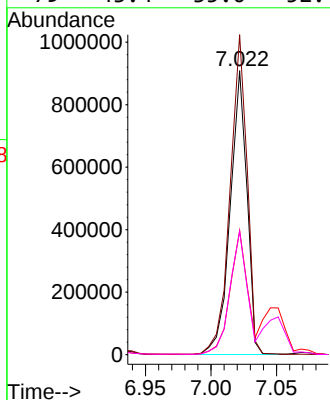
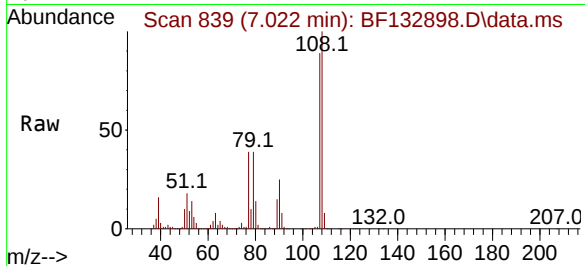




#17
2-Methylphenol
Concen: 42.911 ng
RT: 7.022 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF132898.D
Acq: 18 Apr 2023 12:42

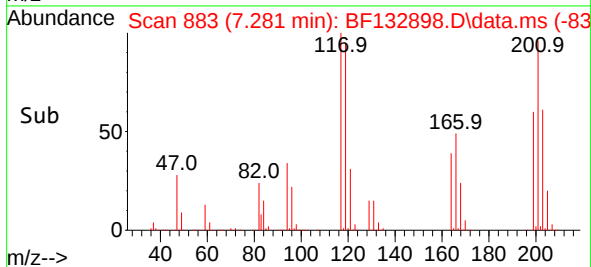
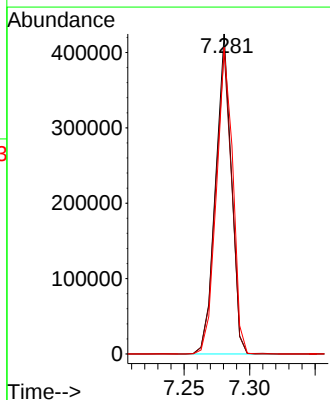
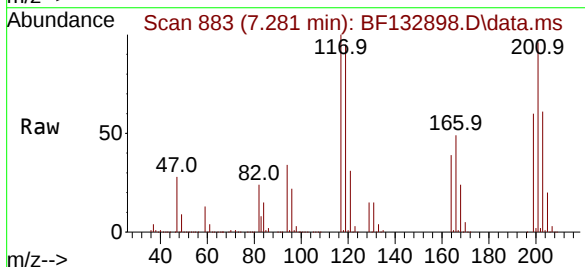
Instrument :
BNA_F
ClientSampleId :
PB152124BS

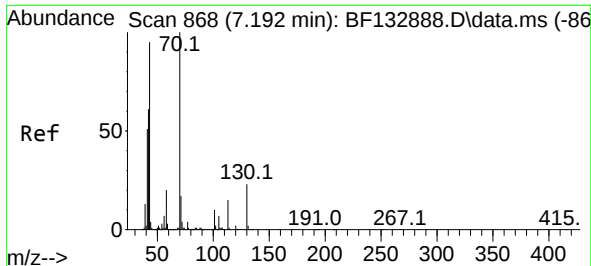
Tgt Ion:107 Resp: 807080
Ion Ratio Lower Upper
107 100
108 112.7 91.7 137.5
77 43.7 35.8 53.8
79 43.4 35.0 52.4



#18
Hexachloroethane
Concen: 44.969 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF132898.D
Acq: 18 Apr 2023 12:42

Tgt Ion:117 Resp: 352957
Ion Ratio Lower Upper
117 100
119 94.8 76.1 114.1
201 95.8 71.8 107.6

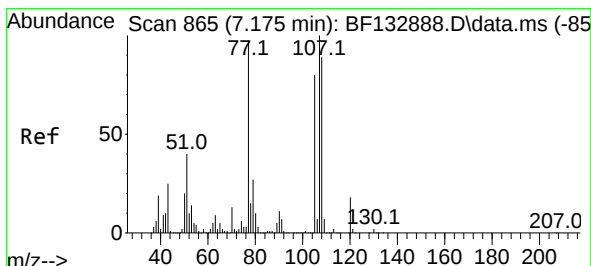
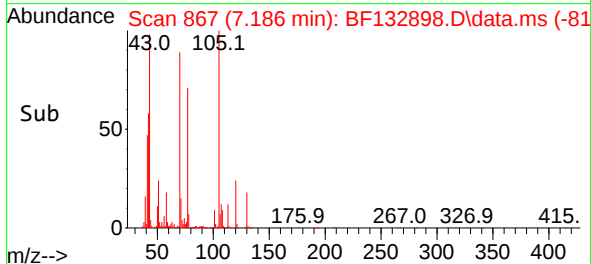
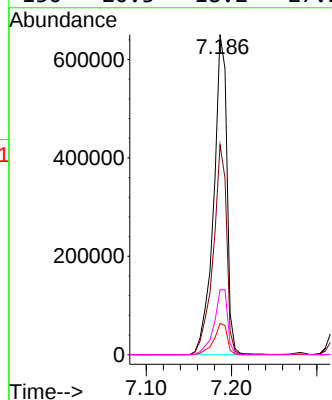
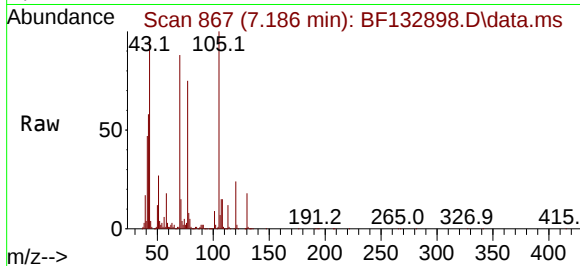




#19
n-Nitroso-di-n-propylamine
Concen: 43.778 ng
RT: 7.186 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF132898.D
Acq: 18 Apr 2023 12:42

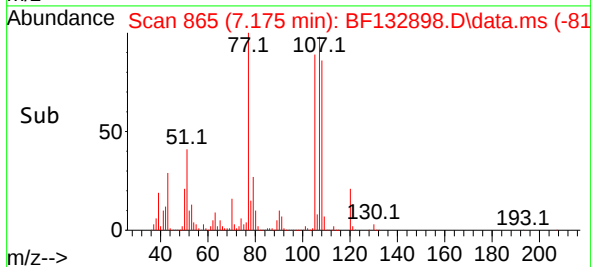
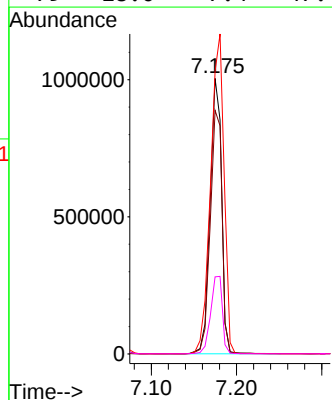
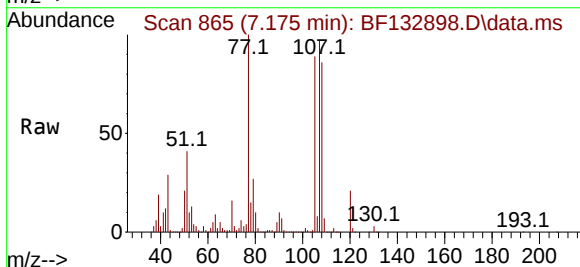
Instrument :
BNA_F
ClientSampleId :
PB152124BS

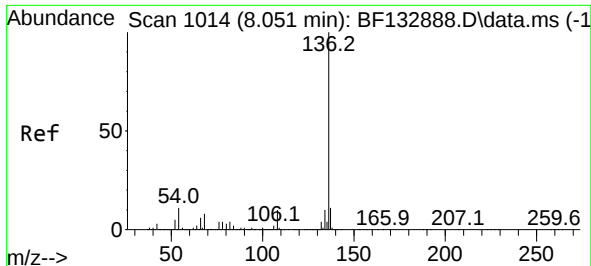
Tgt Ion: 70 Resp: 705799
Ion Ratio Lower Upper
70 100
42 65.6 49.0 73.6
101 9.8 8.1 12.1
130 20.3 18.2 27.2



#20
3+4-Methylphenols
Concen: 42.273 ng
RT: 7.175 min Scan# 865
Delta R.T. 0.000 min
Lab File: BF132898.D
Acq: 18 Apr 2023 12:42

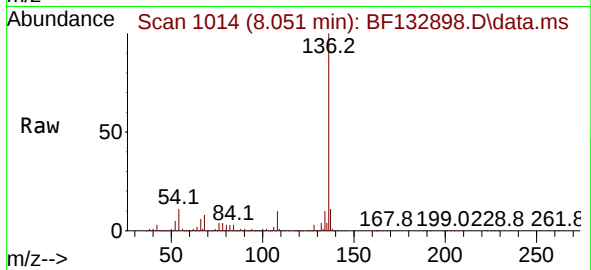
Tgt Ion: 107 Resp: 939750
Ion Ratio Lower Upper
107 100
108 88.4 68.5 108.5
77 102.6 77.1 117.1
79 28.0 7.4 47.4





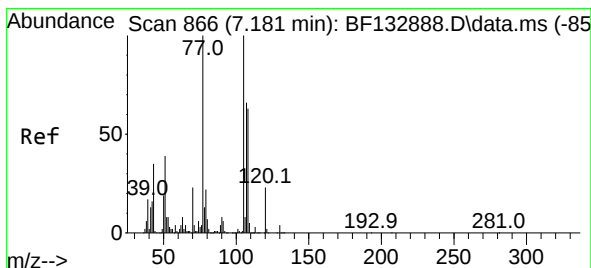
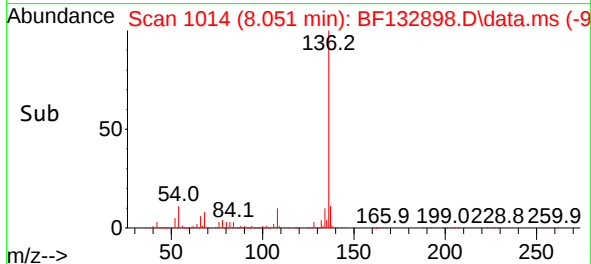
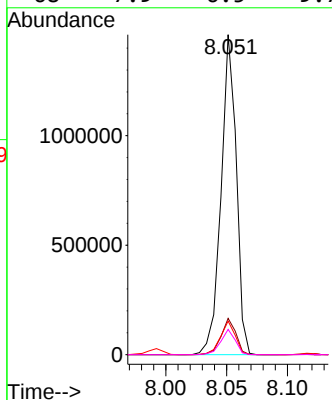
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BF132898.D
Acq: 18 Apr 2023 12:42

Instrument :
BNA_F
ClientSampleId :
PB152124BS



Tgt Ion:136 Resp: 1277422

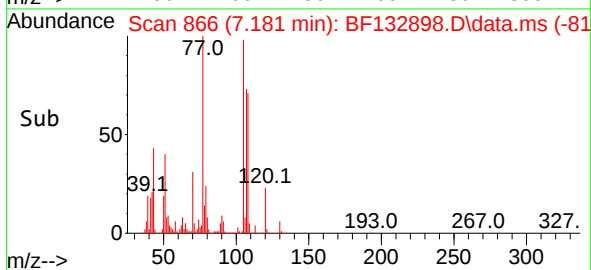
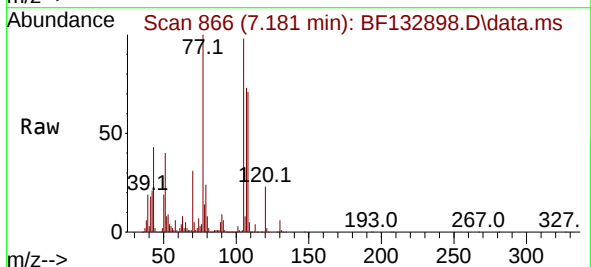
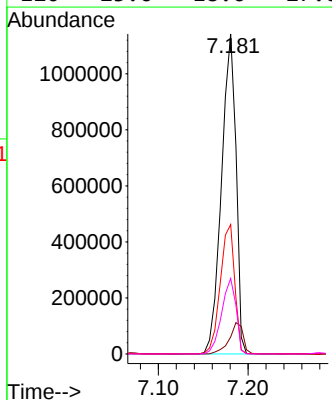
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	10.5	8.9	13.3
68	7.9	6.5	9.7

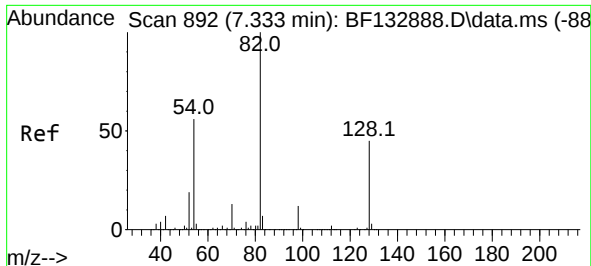


#22
Acetophenone
Concen: 42.736 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF132898.D
Acq: 18 Apr 2023 12:42

Tgt Ion:105 Resp: 1280659

Ion	Ratio	Lower	Upper
105	100		
71	5.3	3.1	4.7#
51	40.5	31.4	47.2
120	23.6	18.6	27.8





#23

Nitrobenzene-d5

Concen: 68.603 ng

RT: 7.334 min Scan# 892

Delta R.T. 0.000 min

Lab File: BF132898.D

Acq: 18 Apr 2023 12:42

Instrument :

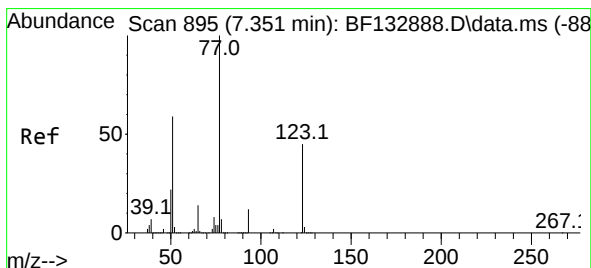
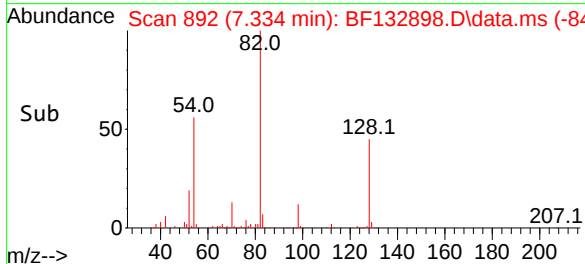
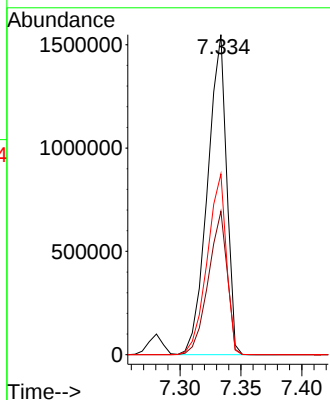
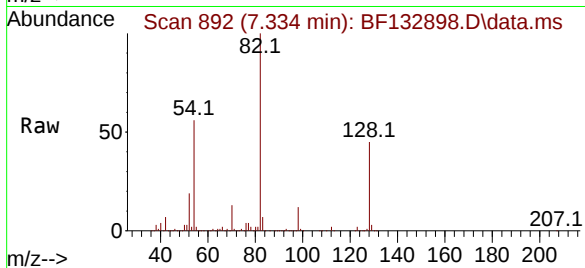
BNA_F

ClientSampleId :

PB152124BS

Tgt Ion: 82 Resp: 1681242

Ion	Ratio	Lower	Upper
82	100		
128	44.8	35.7	53.5
54	56.5	44.7	67.1



#24

Nitrobenzene

Concen: 41.588 ng

RT: 7.351 min Scan# 895

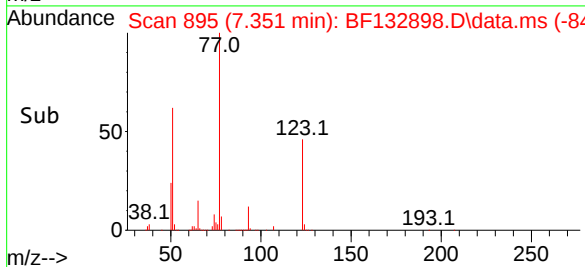
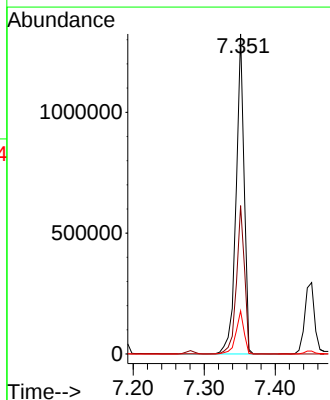
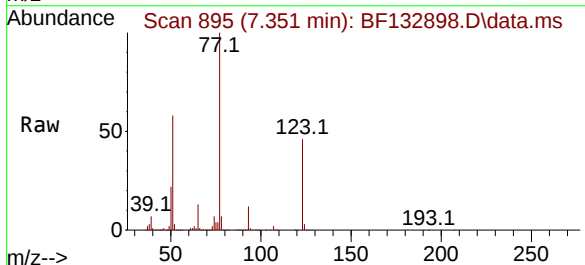
Delta R.T. 0.000 min

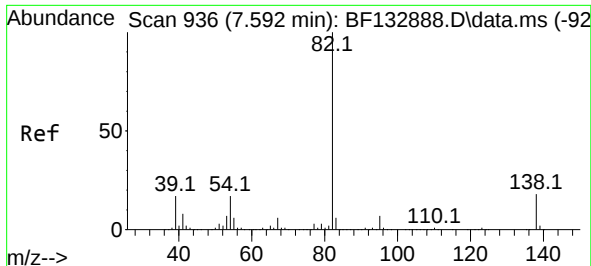
Lab File: BF132898.D

Acq: 18 Apr 2023 12:42

Tgt Ion: 77 Resp: 1044648

Ion	Ratio	Lower	Upper
77	100		
123	46.4	36.3	54.5
65	13.5	11.2	16.8

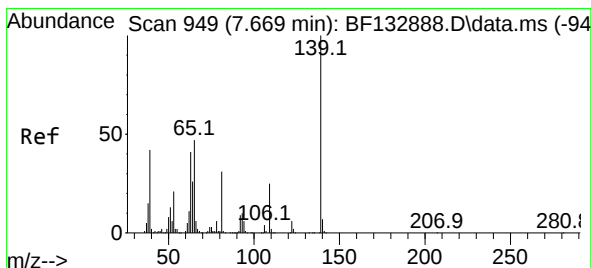
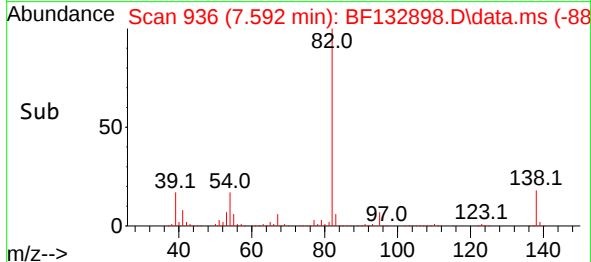
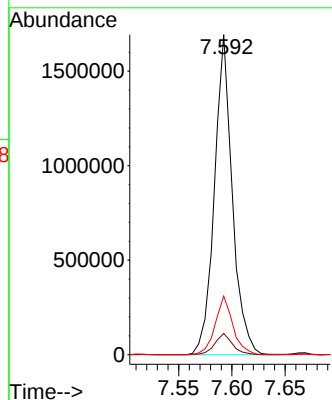
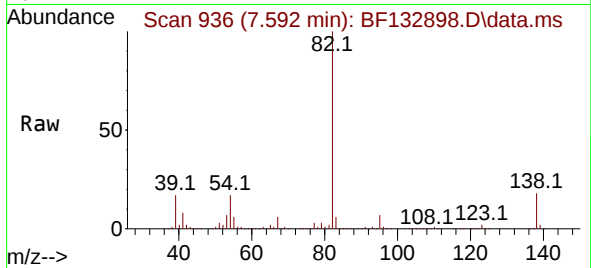




#25
Isophorone
Concen: 42.586 ng
RT: 7.592 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF132898.D
Acq: 18 Apr 2023 12:42

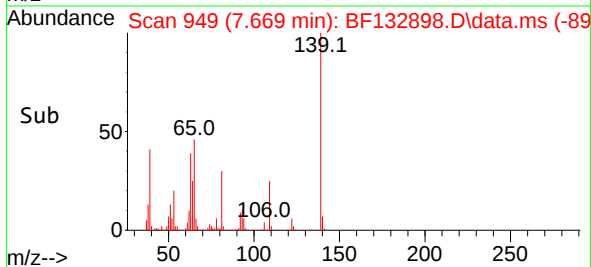
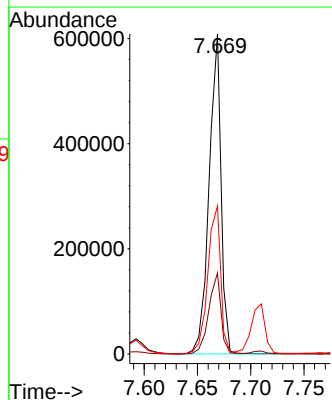
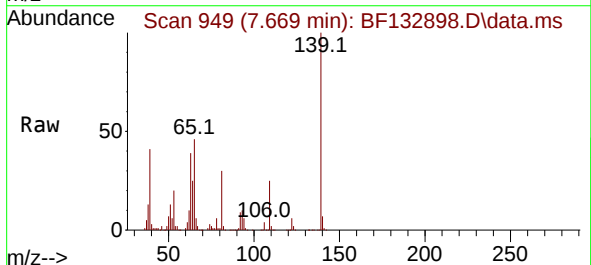
Instrument :
BNA_F
ClientSampleId :
PB152124BS

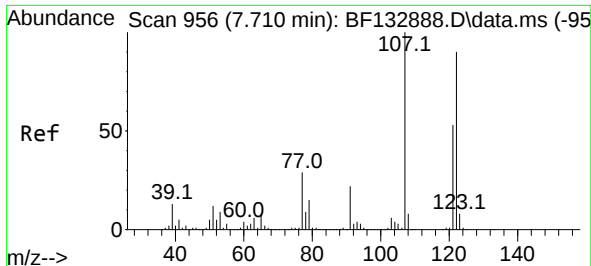
Tgt Ion: 82 Resp: 1979643
Ion Ratio Lower Upper
82 100
95 6.6 5.3 7.9
138 18.3 14.2 21.2



#26
2-Nitrophenol
Concen: 50.392 ng
RT: 7.669 min Scan# 949
Delta R.T. 0.000 min
Lab File: BF132898.D
Acq: 18 Apr 2023 12:42

Tgt Ion: 139 Resp: 477517
Ion Ratio Lower Upper
139 100
109 25.3 20.1 30.1
65 46.2 38.0 57.0

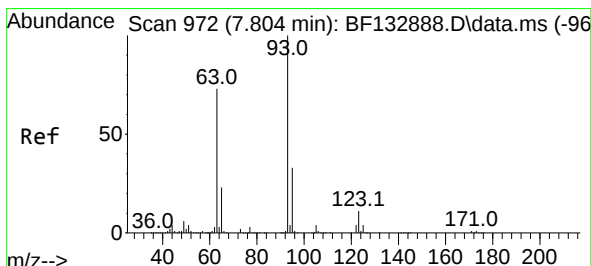
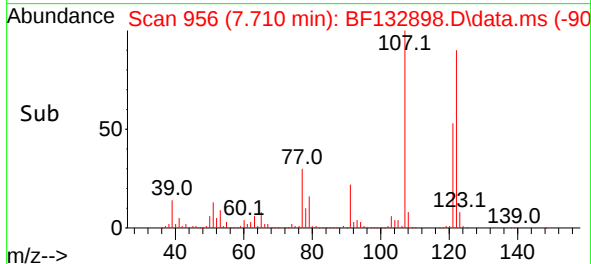
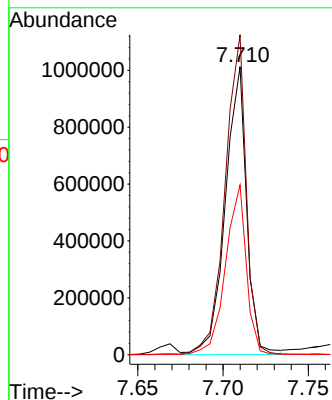
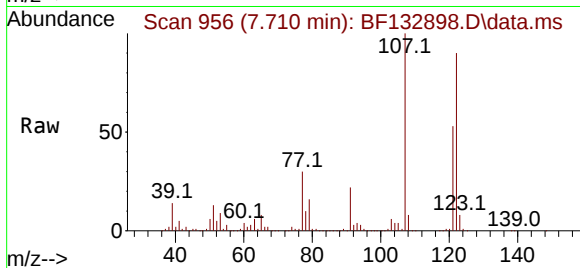




#27
2,4-Dimethylphenol
Concen: 45.644 ng
RT: 7.710 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132898.D
Acq: 18 Apr 2023 12:42

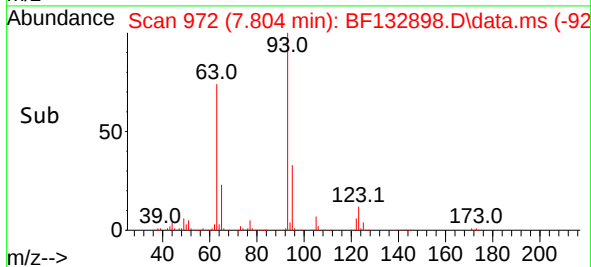
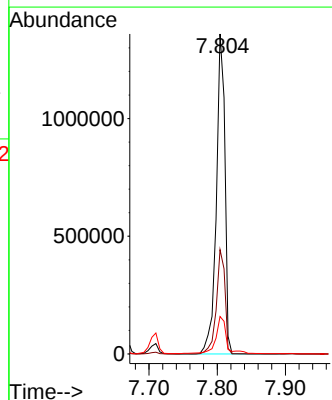
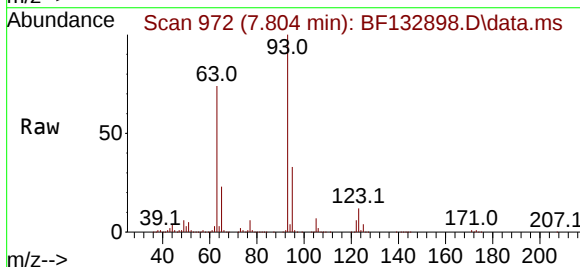
Instrument :
BNA_F
ClientSampleId :
PB152124BS

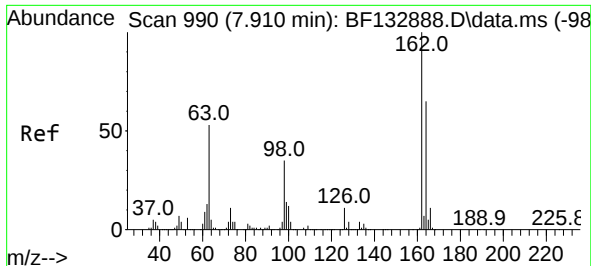
Tgt Ion:122 Resp: 882290
Ion Ratio Lower Upper
122 100
107 111.1 88.5 132.7
121 58.9 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 42.796 ng
RT: 7.804 min Scan# 972
Delta R.T. 0.000 min
Lab File: BF132898.D
Acq: 18 Apr 2023 12:42

Tgt Ion: 93 Resp: 1189452
Ion Ratio Lower Upper
93 100
95 32.6 26.3 39.5
123 11.7 9.3 13.9

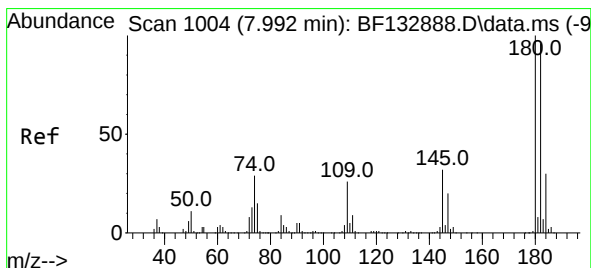
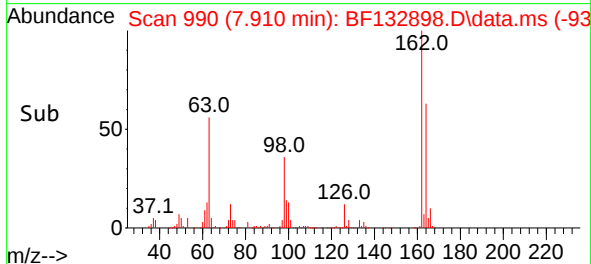
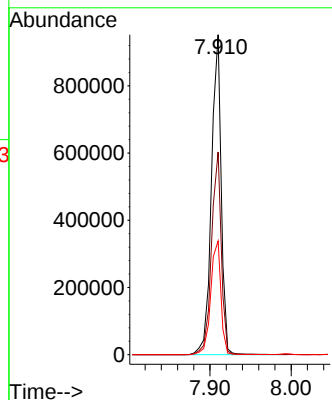
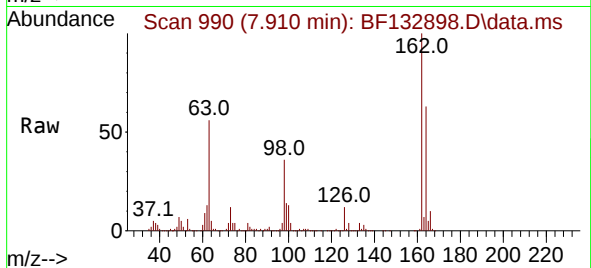




#29
2,4-Dichlorophenol
Concen: 44.095 ng
RT: 7.910 min Scan# 990
Delta R.T. 0.000 min
Lab File: BF132898.D
Acq: 18 Apr 2023 12:42

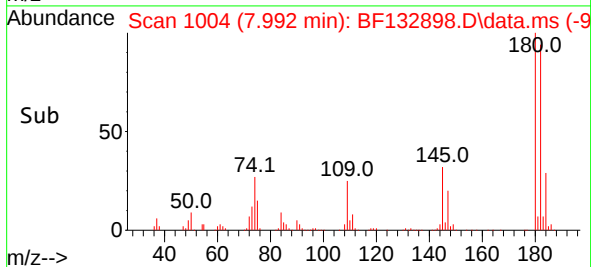
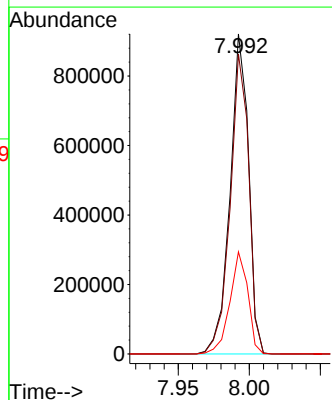
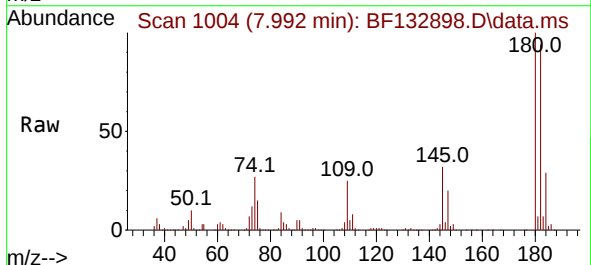
Instrument :
BNA_F
ClientSampleId :
PB152124BS

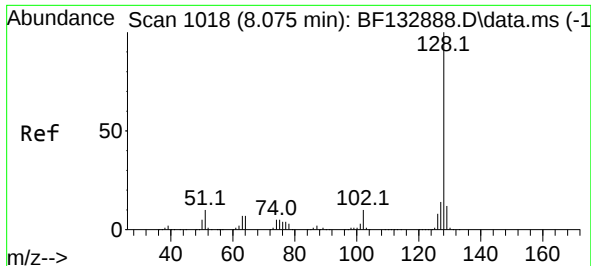
Tgt Ion:	162	Resp:	793369
Ion Ratio	Lower	Upper	
162	100		
164	63.3	45.2	85.2
98	35.5	14.8	54.8



#30
1,2,4-Trichlorobenzene
Concen: 43.032 ng
RT: 7.992 min Scan# 1004
Delta R.T. 0.000 min
Lab File: BF132898.D
Acq: 18 Apr 2023 12:42

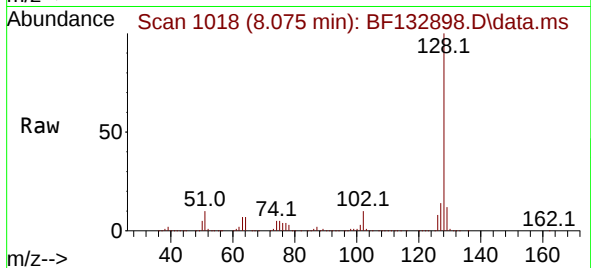
Tgt Ion:	180	Resp:	835979
Ion Ratio	Lower	Upper	
180	100		
182	93.8	76.6	114.8
145	31.9	25.4	38.0



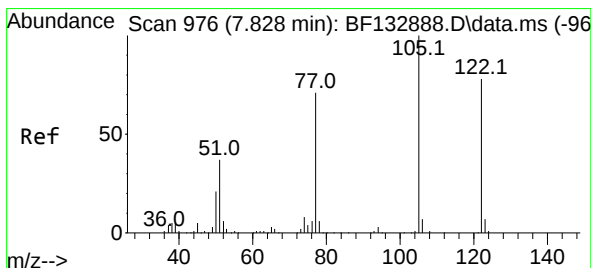
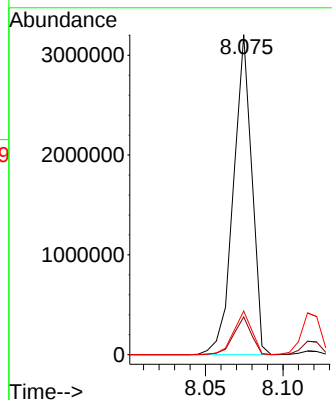
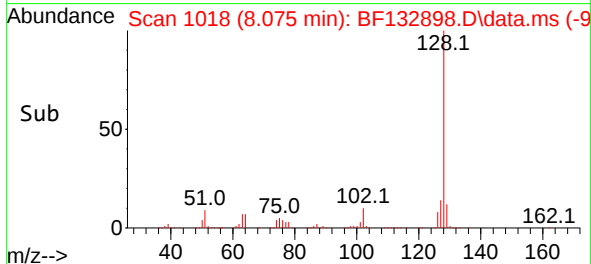


#31
Naphthalene
Concen: 40.990 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF132898.D
Acq: 18 Apr 2023 12:42

Instrument :
BNA_F
ClientSampleId :
PB152124BS

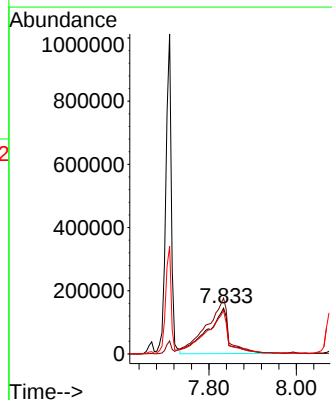
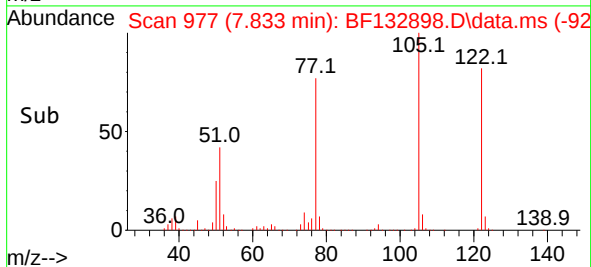
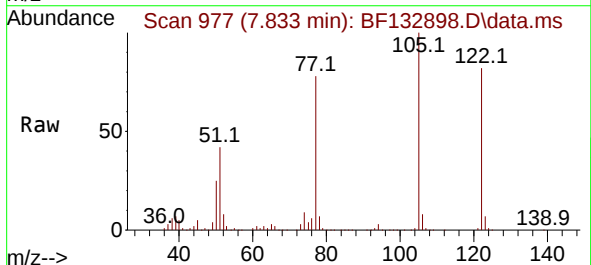


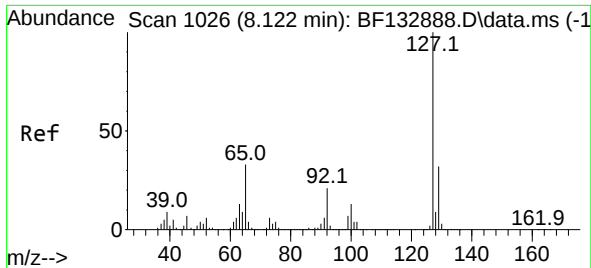
Tgt Ion:128 Resp: 2646013
Ion Ratio Lower Upper
128 100
129 11.8 9.4 14.0
127 13.7 11.0 16.6



#32
Benzoic acid
Concen: 52.178 ng
RT: 7.833 min Scan# 977
Delta R.T. 0.005 min
Lab File: BF132898.D
Acq: 18 Apr 2023 12:42

Tgt Ion:122 Resp: 505777
Ion Ratio Lower Upper
122 100
105 122.3 104.5 144.5
77 94.8 71.2 111.2

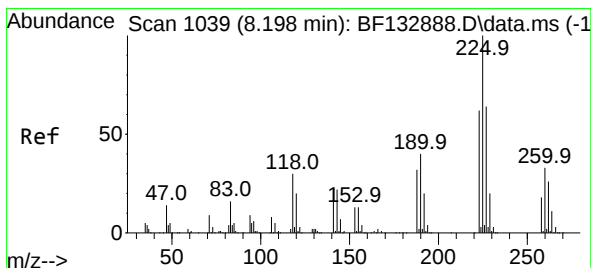
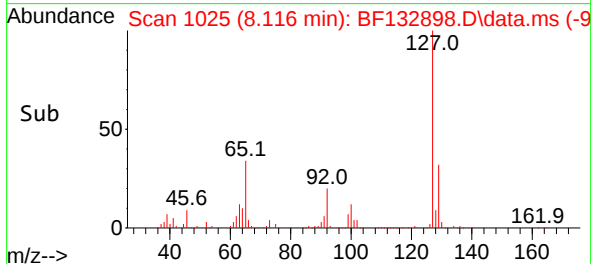
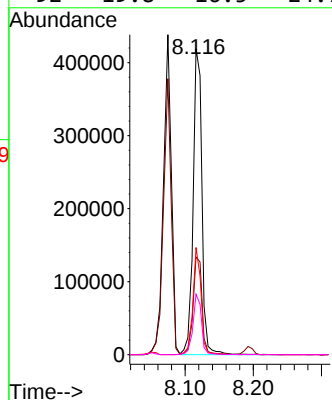
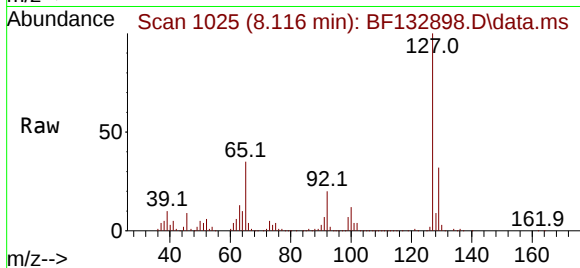




#33
4-Chloroaniline
Concen: 14.191 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF132898.D
Acq: 18 Apr 2023 12:42

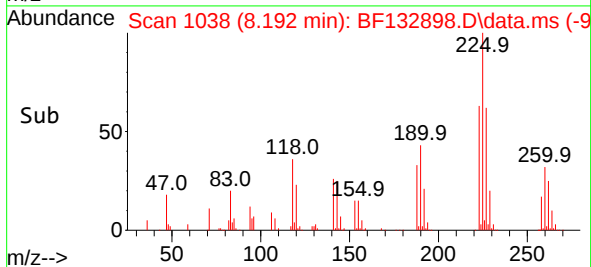
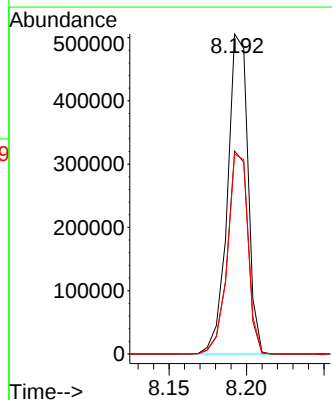
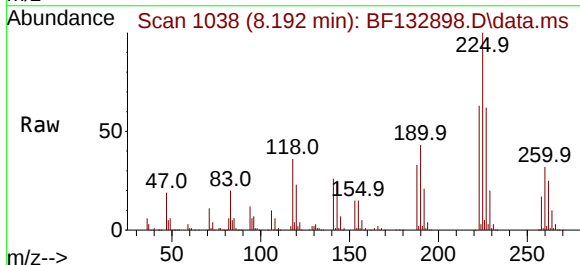
Instrument :
BNA_F
ClientSampleId :
PB152124BS

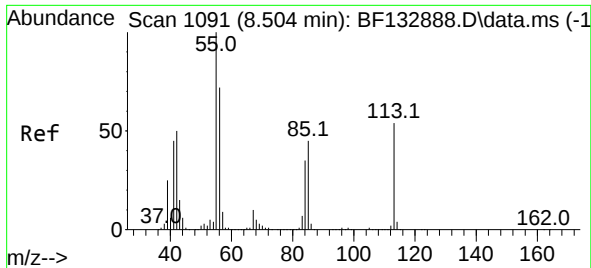
Tgt Ion:127	Resp: 375204
Ion Ratio	Lower Upper
127 100	
129 32.0	25.9 38.9
65 35.0	26.7 40.1
92 19.8	16.5 24.7



#34
Hexachlorobutadiene
Concen: 41.765 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF132898.D
Acq: 18 Apr 2023 12:42

Tgt	Ion:225	Resp:	464172
Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.6	74.4
227	62.5	51.6	77.4

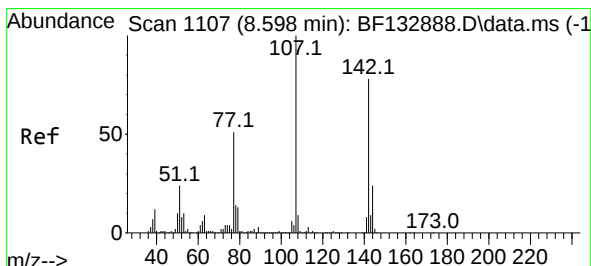
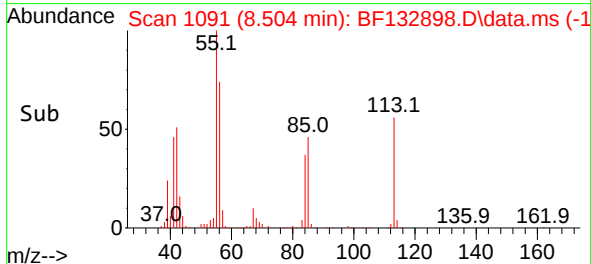
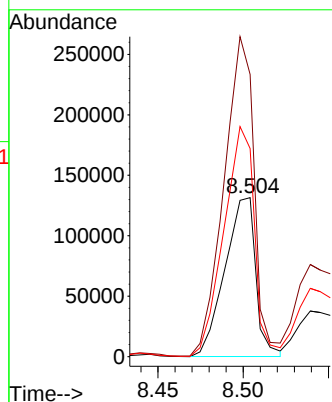
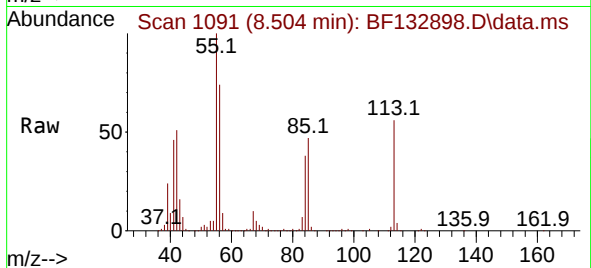




#35
 Caprolactam
 Concen: 30.812 ng
 RT: 8.504 min Scan# 1091
 Delta R.T. 0.000 min
 Lab File: BF132898.D
 Acq: 18 Apr 2023 12:42

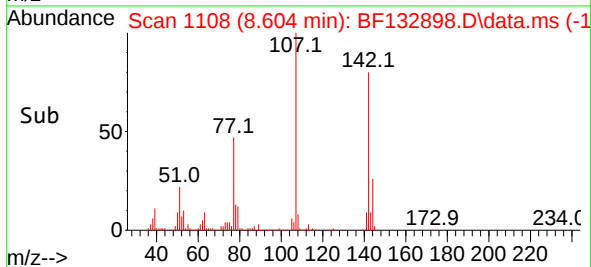
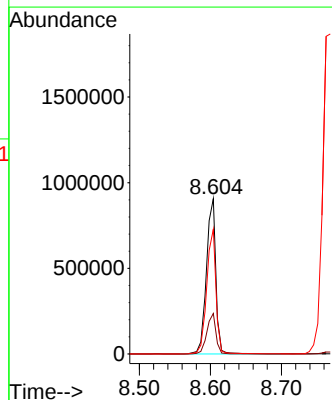
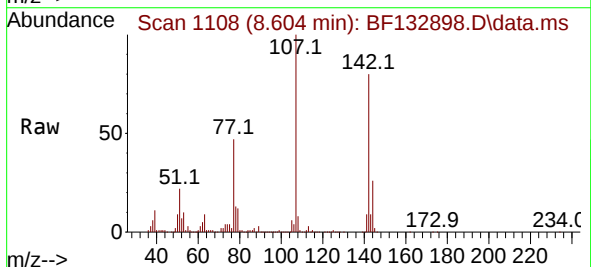
Instrument :
 BNA_F
 ClientSampleId :
 PB152124BS

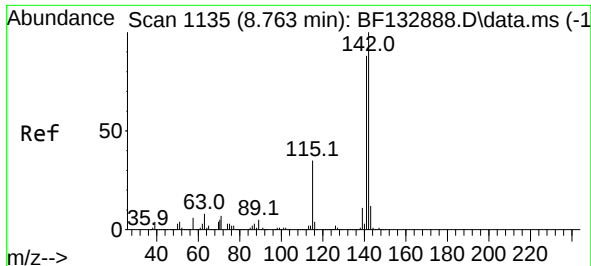
Tgt Ion:113 Resp: 165089
 Ion Ratio Lower Upper
 113 100
 55 177.4 166.0 206.0
 56 130.8 114.5 154.5



#36
 4-Chloro-3-methylphenol
 Concen: 44.501 ng
 RT: 8.604 min Scan# 1108
 Delta R.T. 0.006 min
 Lab File: BF132898.D
 Acq: 18 Apr 2023 12:42

Tgt Ion:107 Resp: 840386
 Ion Ratio Lower Upper
 107 100
 144 26.1 19.4 29.0
 142 80.3 62.2 93.2





#37

2-Methylnaphthalene

Concen: 40.292 ng

RT: 8.769 min Scan# 1135

Delta R.T. 0.006 min

Lab File: BF132898.D

Acq: 18 Apr 2023 12:42

Instrument :

BNA_F

ClientSampleId :

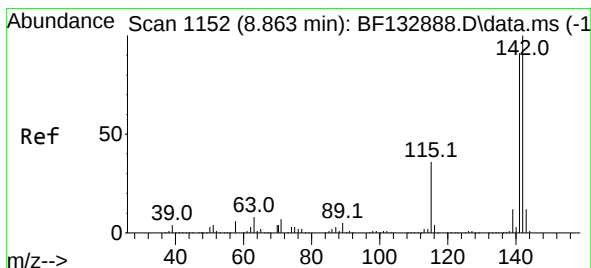
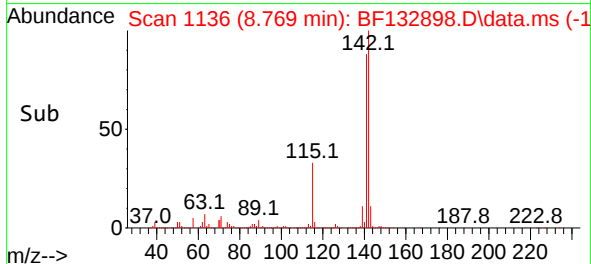
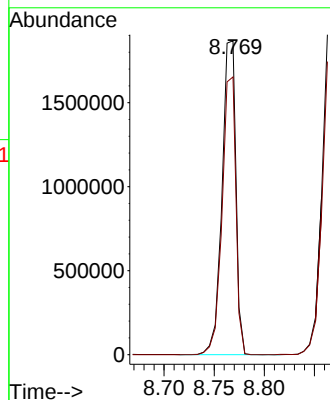
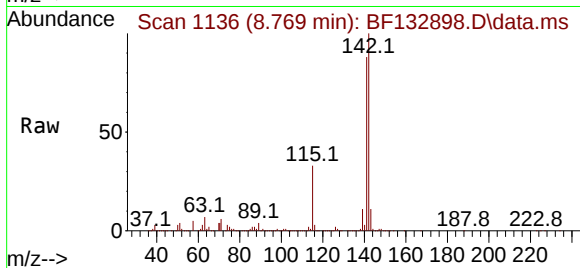
PB152124BS

Tgt Ion:142 Resp: 1790252

Ion Ratio Lower Upper

142 100

141 88.5 70.4 105.6



#38

1-Methylnaphthalene

Concen: 42.898 ng

RT: 8.863 min Scan# 1152

Delta R.T. 0.000 min

Lab File: BF132898.D

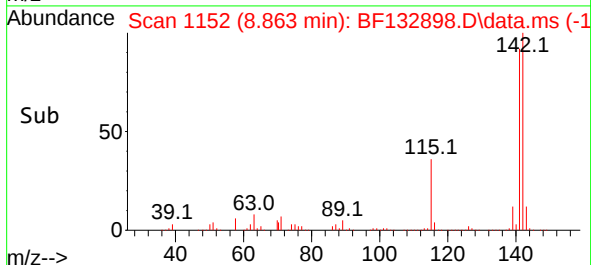
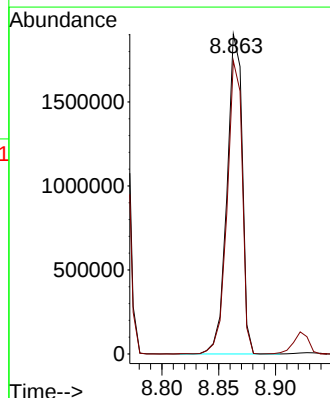
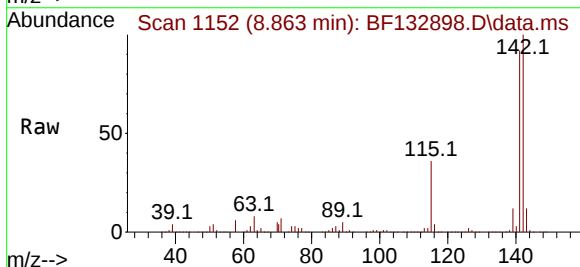
Acq: 18 Apr 2023 12:42

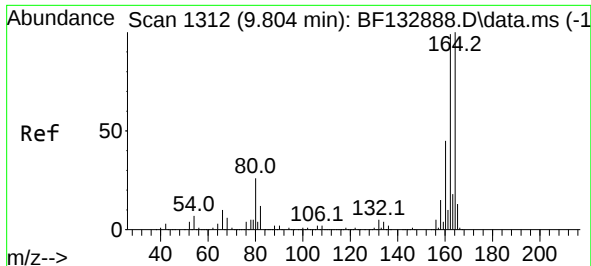
Tgt Ion:142 Resp: 1775988

Ion Ratio Lower Upper

142 100

141 91.6 72.6 109.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.804 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF132898.D

Acq: 18 Apr 2023 12:42

Instrument :

BNA_F

ClientSampleId :

PB152124BS

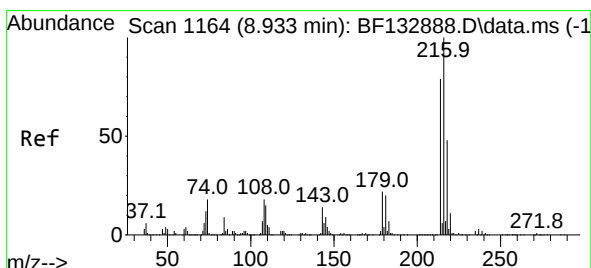
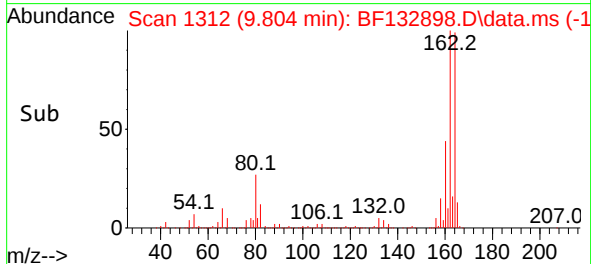
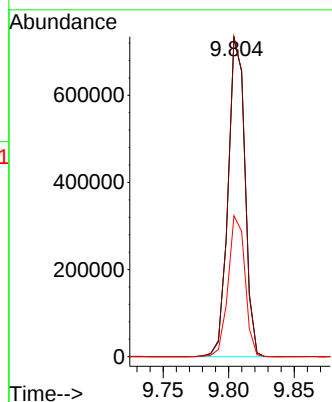
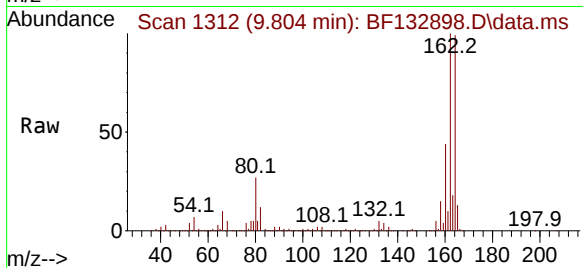
Tgt Ion:164 Resp: 651360

Ion Ratio Lower Upper

164 100

162 100.7 79.1 118.7

160 44.4 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.076 ng

RT: 8.933 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF132898.D

Acq: 18 Apr 2023 12:42

Tgt Ion:216 Resp: 775193

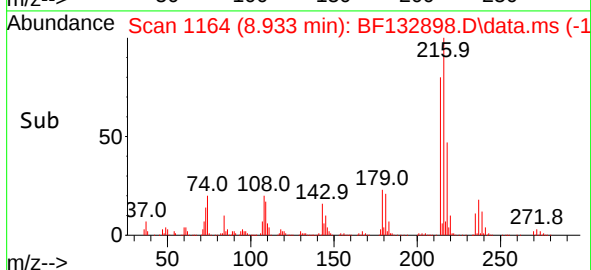
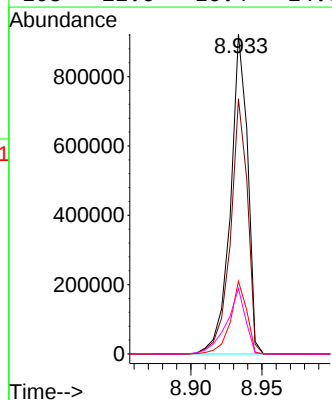
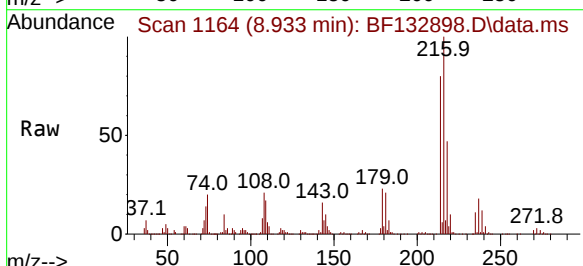
Ion Ratio Lower Upper

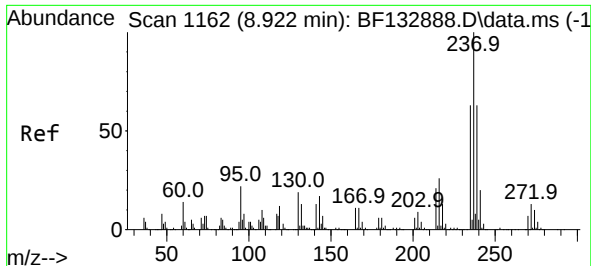
216 100

214 79.2 63.1 94.7

179 21.6 17.4 26.2

108 22.6 16.4 24.6

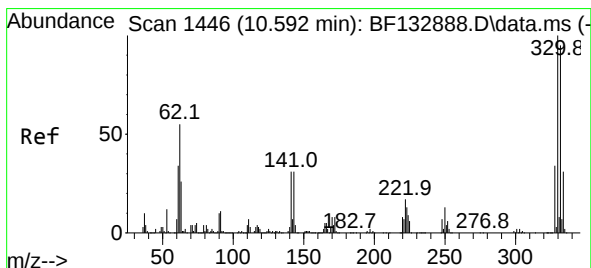
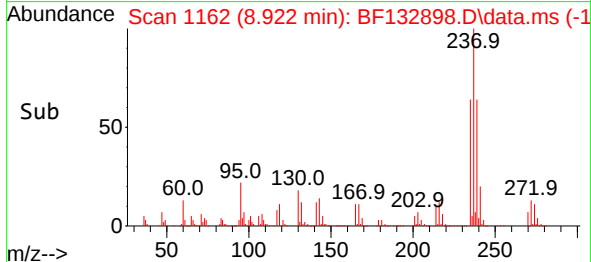
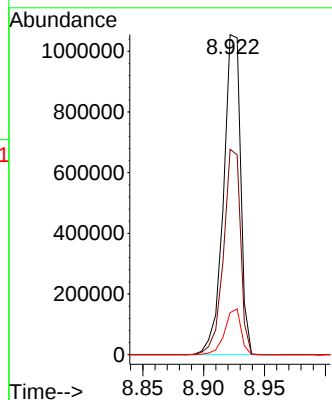
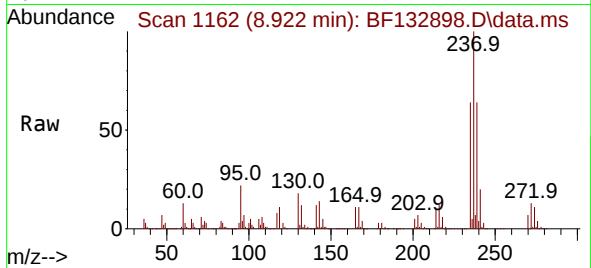




#41
Hexachlorocyclopentadiene
Concen: 106.813 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF132898.D
Acq: 18 Apr 2023 12:42

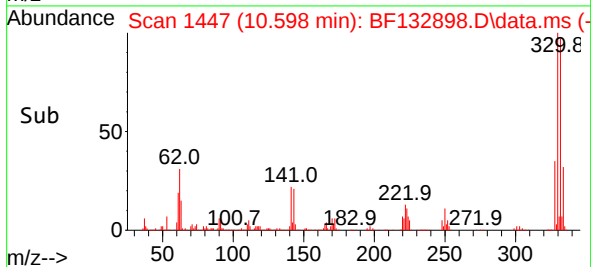
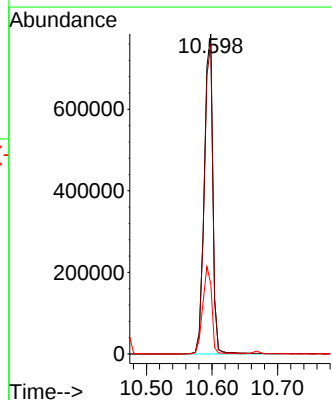
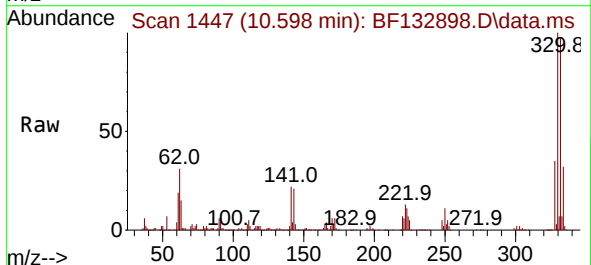
Instrument :
BNA_F
ClientSampleId :
PB152124BS

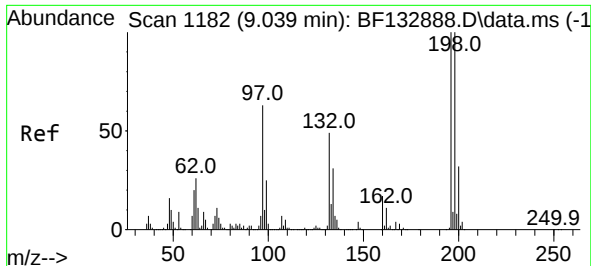
Tgt Ion:237 Resp: 1037226
Ion Ratio Lower Upper
237 100
235 64.2 43.2 83.2
272 13.2 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 109.087 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.006 min
Lab File: BF132898.D
Acq: 18 Apr 2023 12:42

Tgt Ion:330 Resp: 712685
Ion Ratio Lower Upper
330 100
332 97.2 76.3 114.5
141 28.7 23.9 35.9

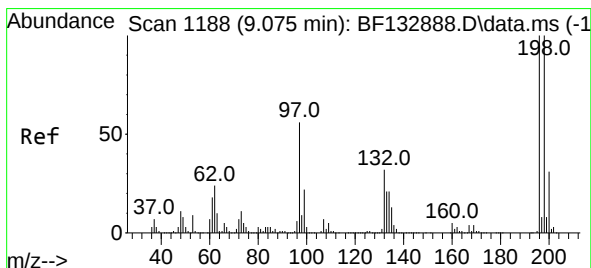
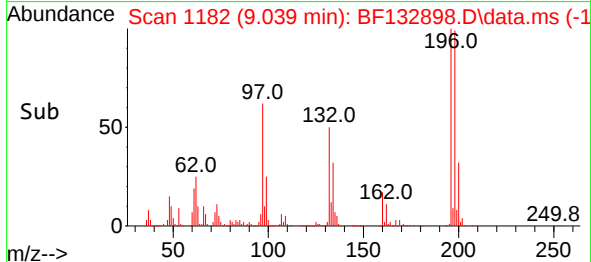
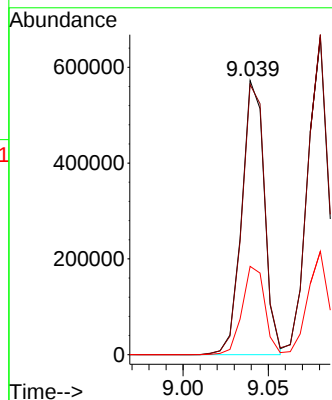
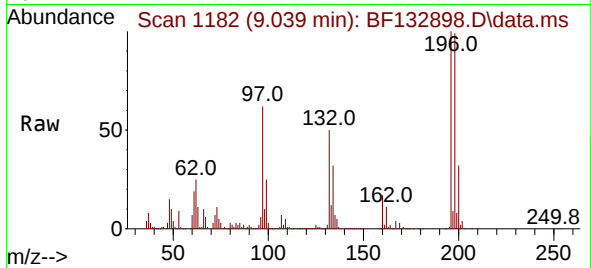




#43
2,4,6-Trichlorophenol
Concen: 45.227 ng
RT: 9.039 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF132898.D
Acq: 18 Apr 2023 12:42

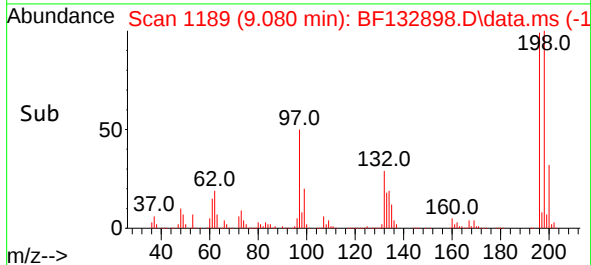
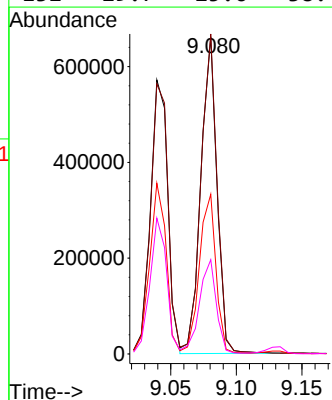
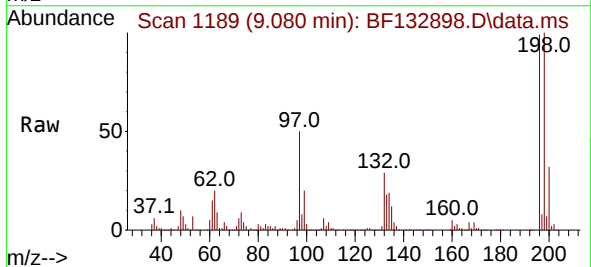
Instrument :
BNA_F
ClientSampleId :
PB152124BS

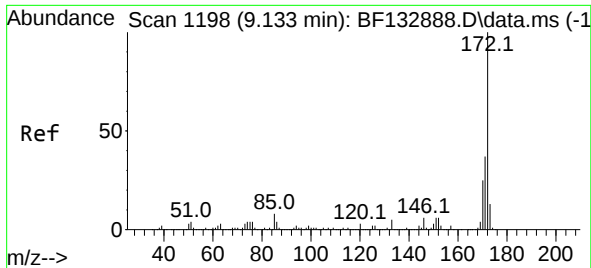
Tgt Ion:196 Resp: 528191
Ion Ratio Lower Upper
196 100
198 98.5 79.8 119.6
200 32.2 25.4 38.2



#44
2,4,5-Trichlorophenol
Concen: 41.514 ng
RT: 9.080 min Scan# 1189
Delta R.T. 0.006 min
Lab File: BF132898.D
Acq: 18 Apr 2023 12:42

Tgt Ion:196 Resp: 566935
Ion Ratio Lower Upper
196 100
198 100.8 80.2 120.2
97 50.3 45.0 67.6
132 29.7 25.6 38.4

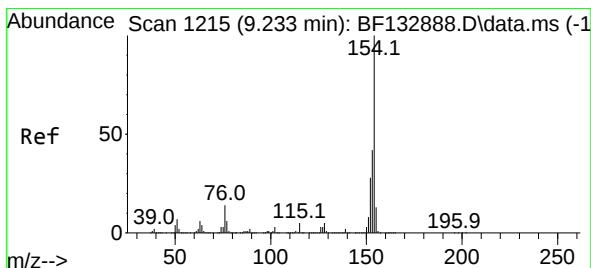
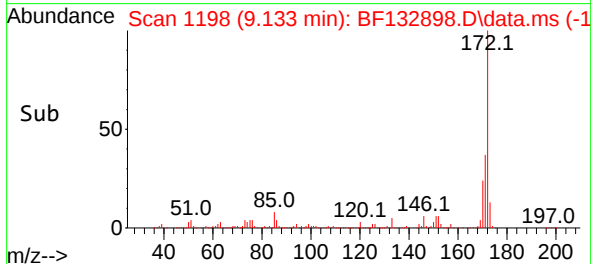
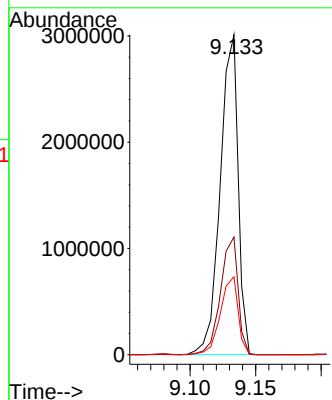
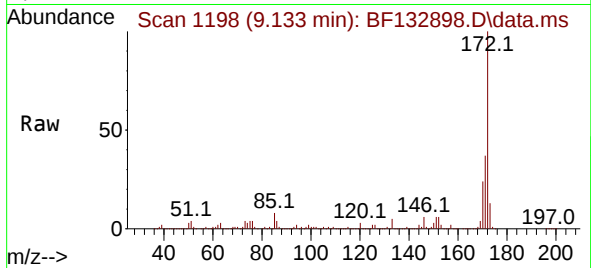




#45
2-Fluorobiphenyl
Concen: 67.324 ng
RT: 9.133 min Scan# 1198
Delta R.T. 0.000 min
Lab File: BF132898.D
Acq: 18 Apr 2023 12:42

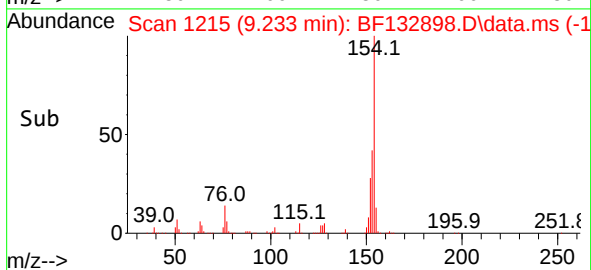
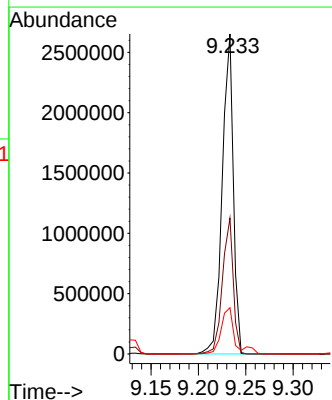
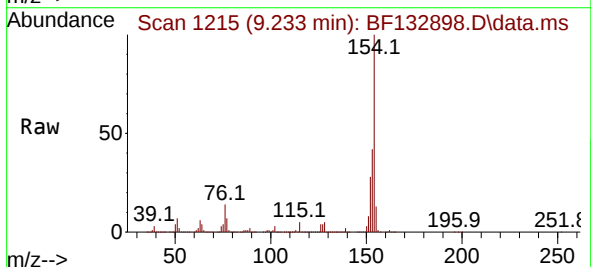
Instrument :
BNA_F
ClientSampleId :
PB152124BS

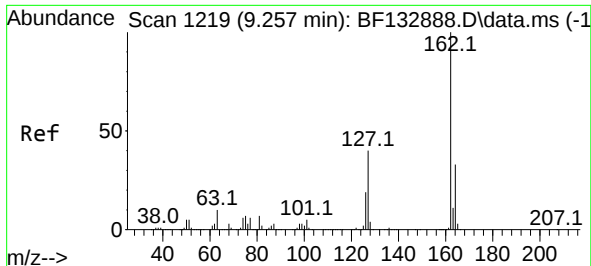
Tgt Ion:172 Resp: 2854544
Ion Ratio Lower Upper
172 100
171 36.7 29.4 44.0
170 24.4 20.1 30.1



#46
1,1'-Biphenyl
Concen: 41.954 ng
RT: 9.233 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF132898.D
Acq: 18 Apr 2023 12:42

Tgt Ion:154 Resp: 2166349
Ion Ratio Lower Upper
154 100
153 42.5 21.8 61.8
76 14.4 0.0 34.0





#47

2-Chloronaphthalene

Concen: 42.981 ng

RT: 9.257 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF132898.D

Acq: 18 Apr 2023 12:42

Instrument :

BNA_F

ClientSampleId :

PB152124BS

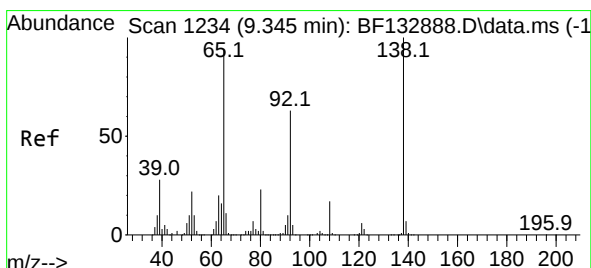
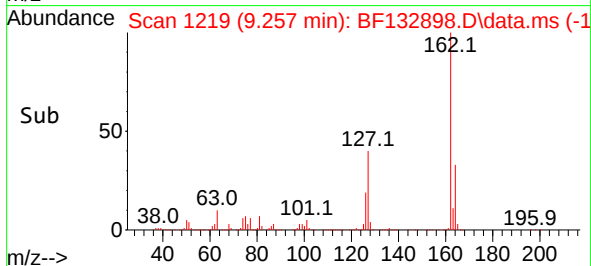
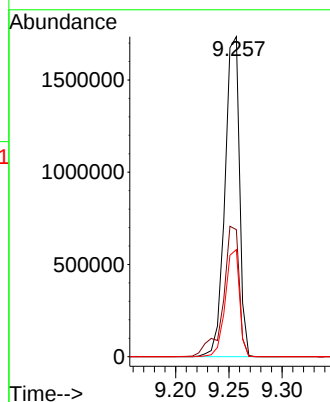
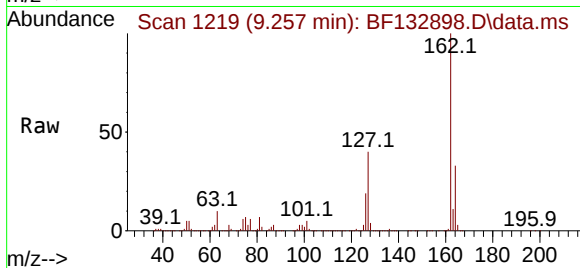
Tgt Ion:162 Resp: 1642365

Ion Ratio Lower Upper

162 100

127 39.7 32.2 48.2

164 33.5 26.5 39.7



#48

2-Nitroaniline

Concen: 46.982 ng

RT: 9.345 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF132898.D

Acq: 18 Apr 2023 12:42

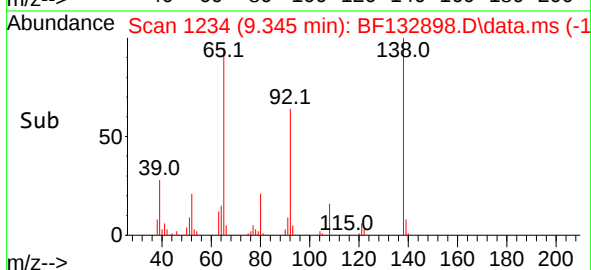
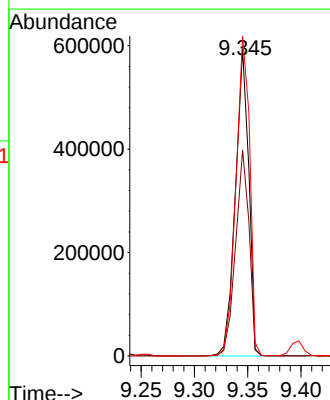
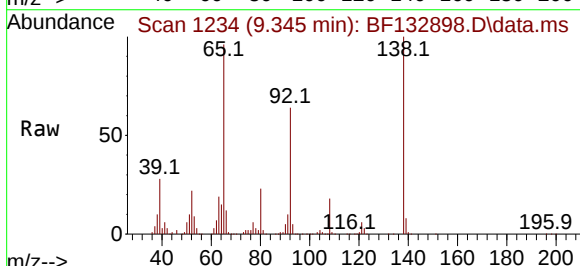
Tgt Ion: 65 Resp: 519350

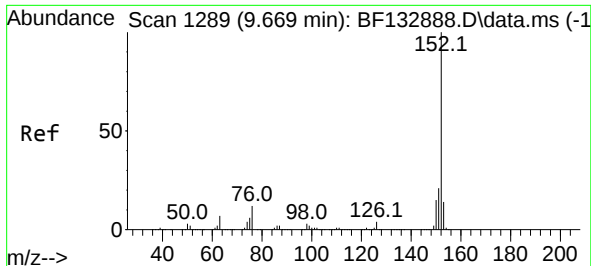
Ion Ratio Lower Upper

65 100

92 67.2 53.5 80.3

138 104.3 84.8 127.2

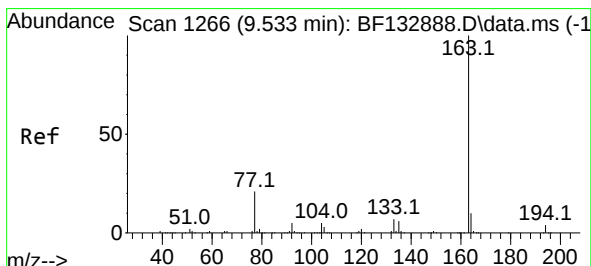
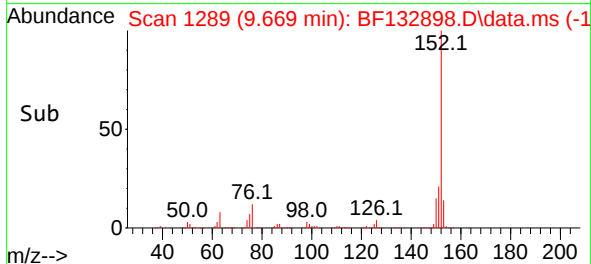
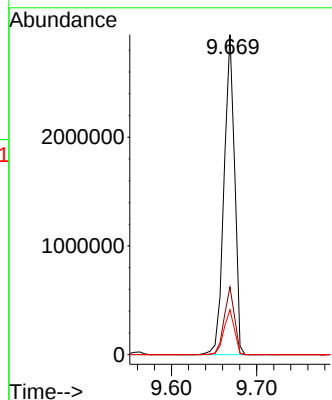
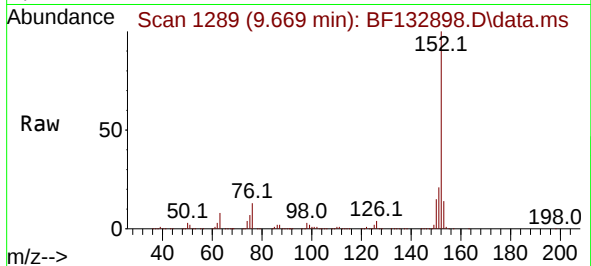




#49
Acenaphthylene
Concen: 41.518 ng
RT: 9.669 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BF132898.D
Acq: 18 Apr 2023 12:42

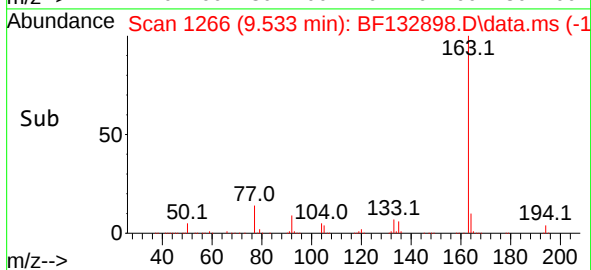
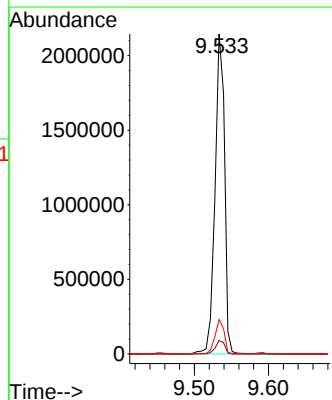
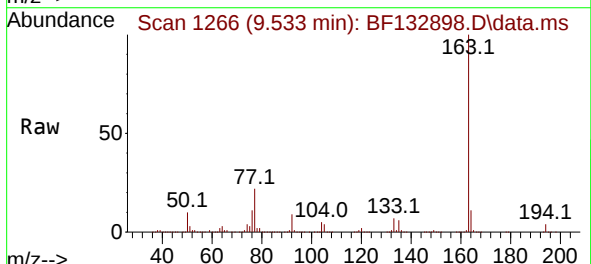
Instrument :
BNA_F
ClientSampleId :
PB152124BS

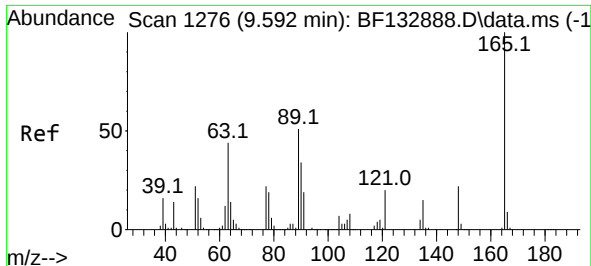
Tgt Ion:152 Resp: 2530363
Ion Ratio Lower Upper
152 100
151 21.1 16.4 24.6
153 14.0 11.4 17.0



#50
Dimethylphthalate
Concen: 42.417 ng
RT: 9.533 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BF132898.D
Acq: 18 Apr 2023 12:42

Tgt Ion:163 Resp: 1910147
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.8 8.3 12.5

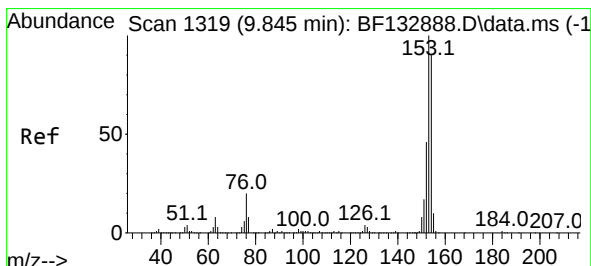
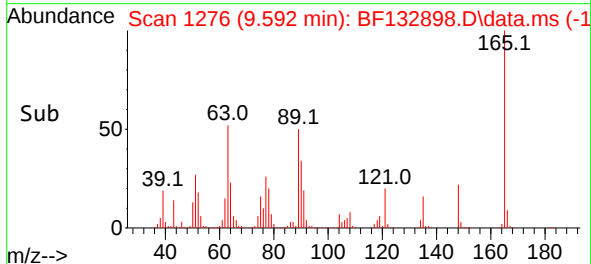
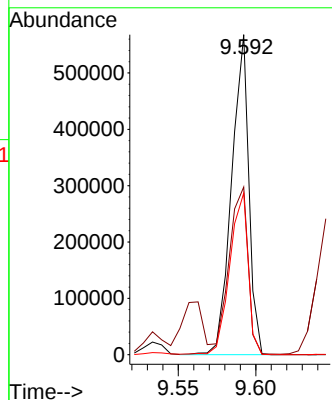
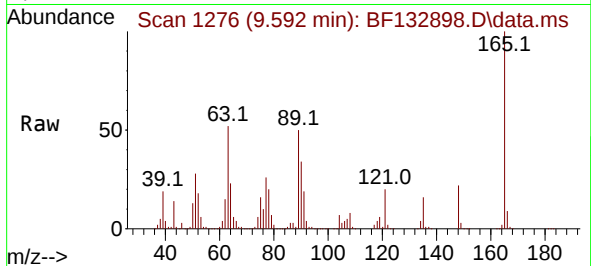




#51
2,6-Dinitrotoluene
Concen: 44.502 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132898.D
Acq: 18 Apr 2023 12:42

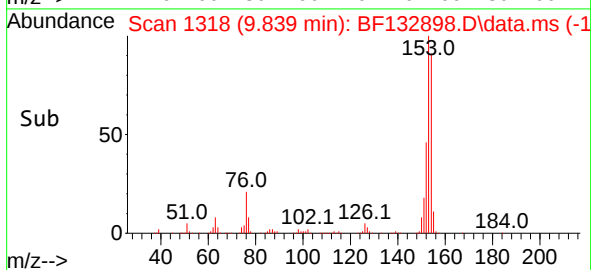
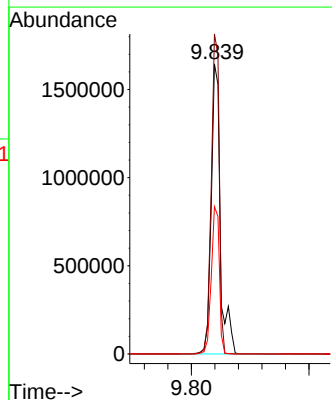
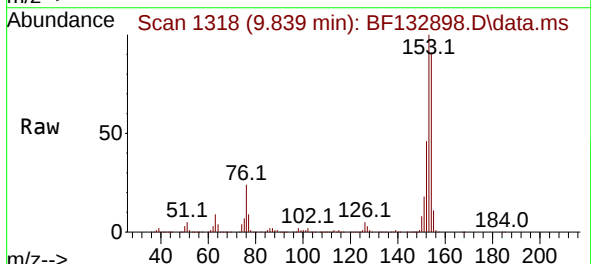
Instrument :
BNA_F
ClientSampleId :
PB152124BS

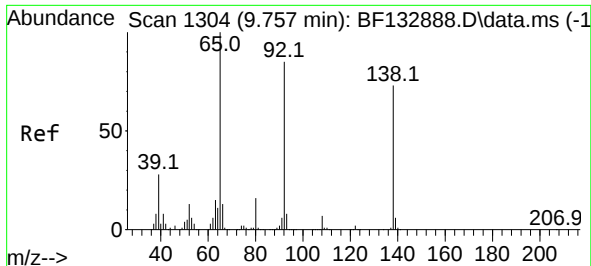
Tgt Ion:165 Resp: 439390
Ion Ratio Lower Upper
165 100
63 52.4 42.6 63.8
89 50.5 41.0 61.4



#52
Acenaphthene
Concen: 45.114 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF132898.D
Acq: 18 Apr 2023 12:42

Tgt Ion:154 Resp: 1771780
Ion Ratio Lower Upper
154 100
153 110.3 88.8 133.2
152 50.8 41.2 61.8

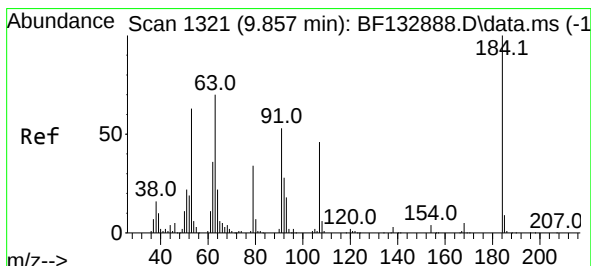
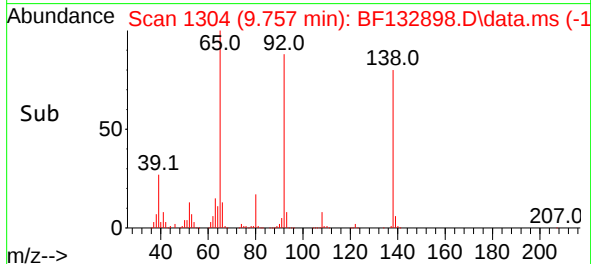
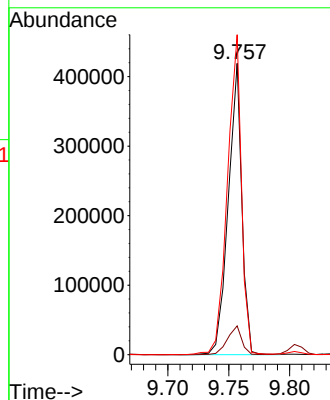
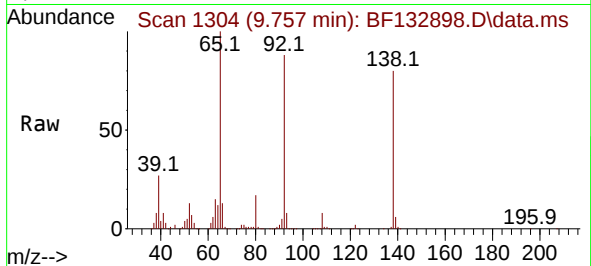




#53
3-Nitroaniline
Concen: 28.902 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132898.D
Acq: 18 Apr 2023 12:42

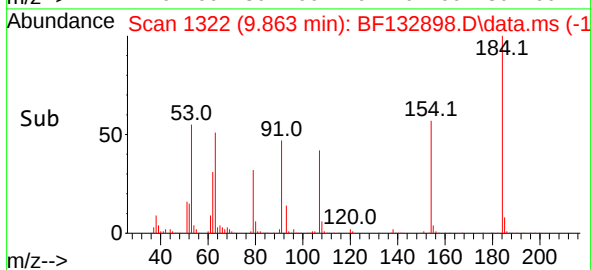
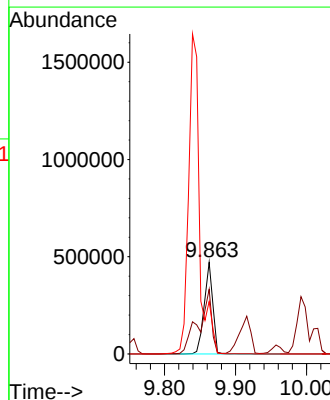
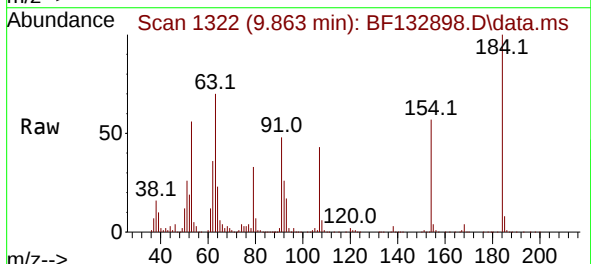
Instrument :
BNA_F
ClientSampleId :
PB152124BS

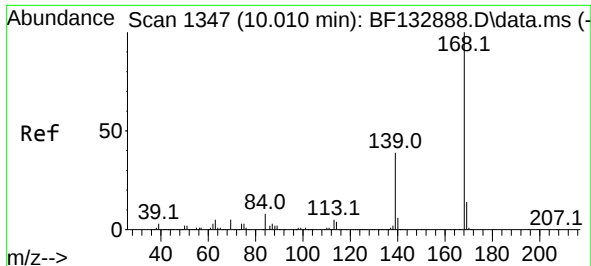
Tgt Ion:138 Resp: 324726
Ion Ratio Lower Upper
138 100
108 9.9 8.2 12.2
92 109.8 93.8 140.8



#54
2,4-Dinitrophenol
Concen: 103.894 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.006 min
Lab File: BF132898.D
Acq: 18 Apr 2023 12:42

Tgt Ion:184 Resp: 399594
Ion Ratio Lower Upper
184 100
63 70.4 62.7 94.1
154 57.2 49.9 74.9

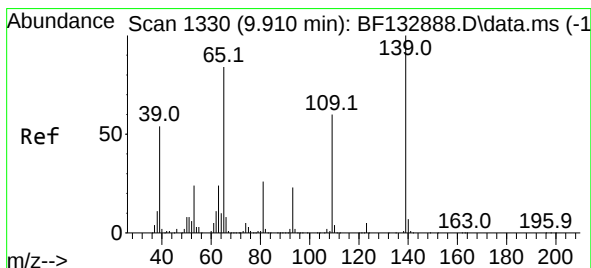
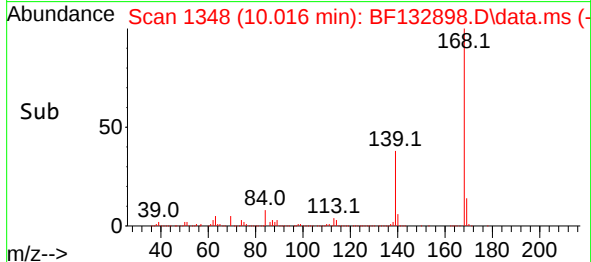
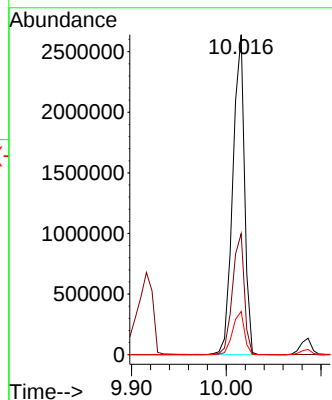
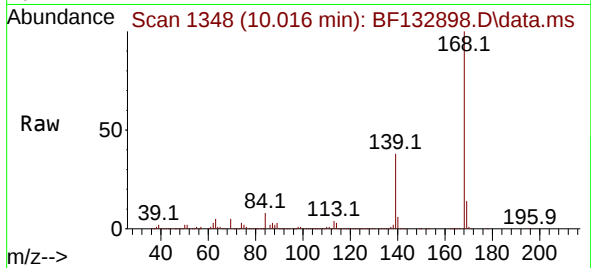




#55
Dibenzofuran
Concen: 40.707 ng
RT: 10.016 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF132898.D
Acq: 18 Apr 2023 12:42

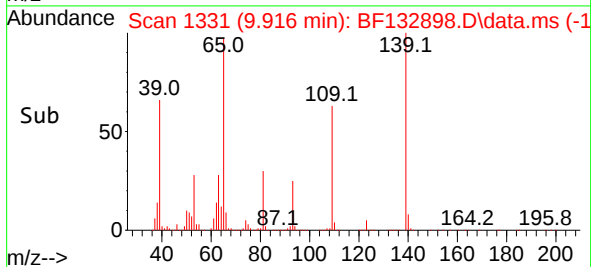
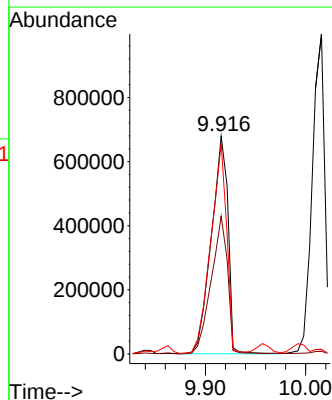
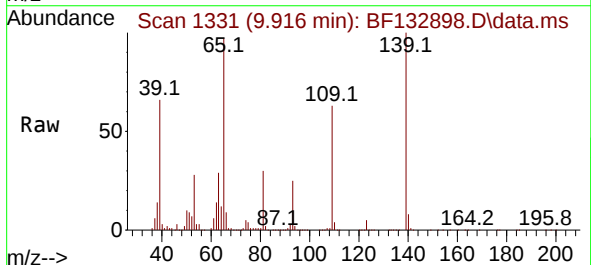
Instrument :
BNA_F
ClientSampleId :
PB152124BS

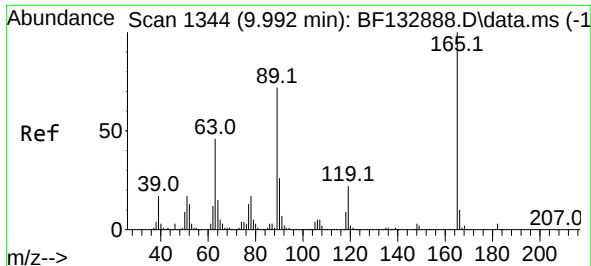
Tgt Ion:168 Resp: 2268200
Ion Ratio Lower Upper
168 100
139 37.8 31.4 47.0
169 13.5 11.2 16.8



#56
4-Nitrophenol
Concen: 93.541 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.006 min
Lab File: BF132898.D
Acq: 18 Apr 2023 12:42

Tgt Ion:139 Resp: 780701
Ion Ratio Lower Upper
139 100
109 63.3 40.4 80.4
65 96.8 64.2 104.2





#57

2,4-Dinitrotoluene

Concen: 47.400 ng

RT: 9.998 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF132898.D

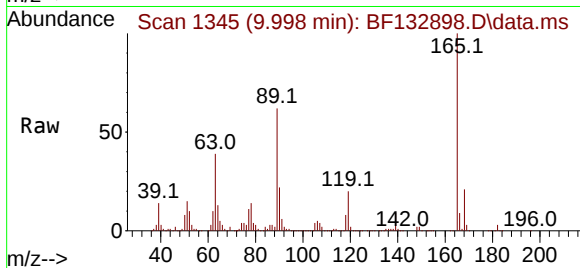
Acq: 18 Apr 2023 12:42

Instrument :

BNA_F

ClientSampleId :

PB152124BS



Tgt Ion:165 Resp: 577604

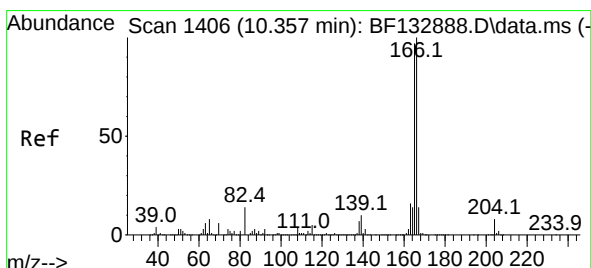
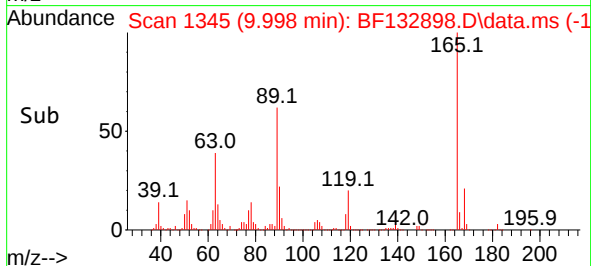
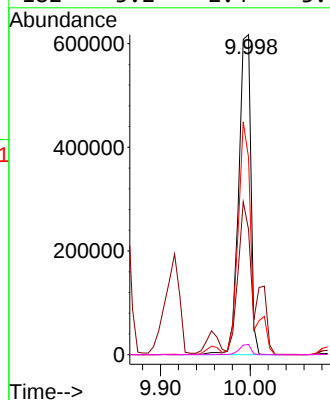
Ion Ratio Lower Upper

165 100

63 39.1 37.0 55.6

89 61.7 57.8 86.6

182 3.2 2.4 3.6



#58

Fluorene

Concen: 40.672 ng

RT: 10.357 min Scan# 1406

Delta R.T. 0.000 min

Lab File: BF132898.D

Acq: 18 Apr 2023 12:42

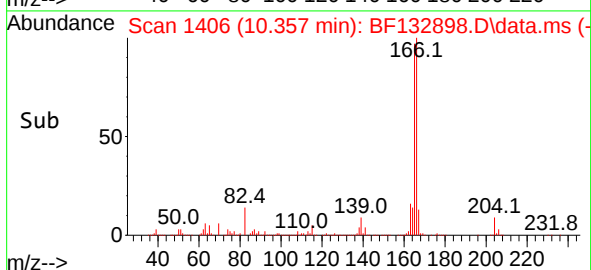
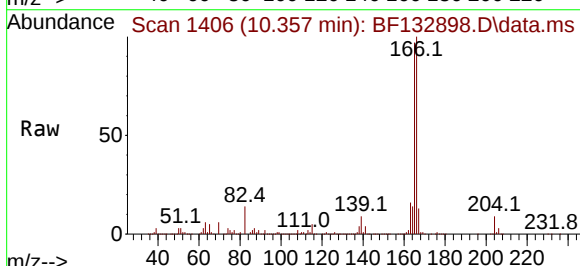
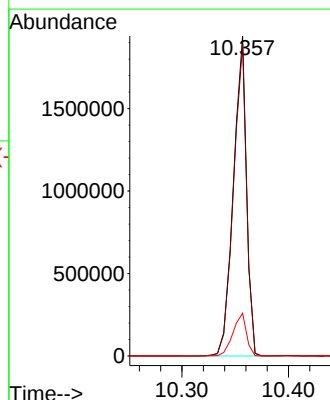
Tgt Ion:166 Resp: 1660093

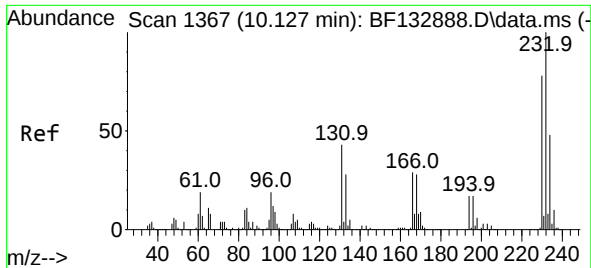
Ion Ratio Lower Upper

166 100

165 97.3 78.0 117.0

167 13.4 11.0 16.4

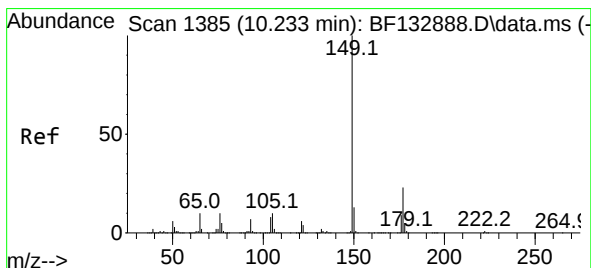
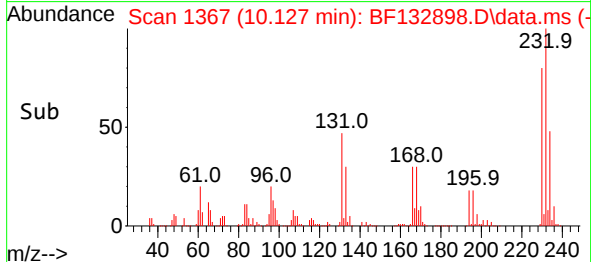
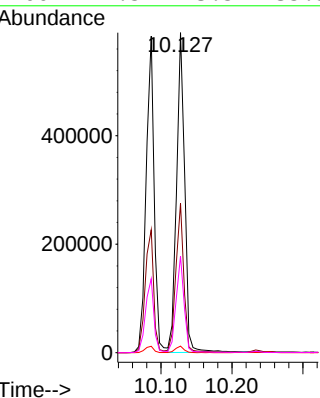
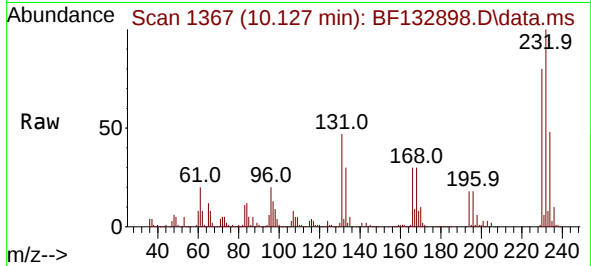




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.296 ng
RT: 10.127 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF132898.D
Acq: 18 Apr 2023 12:42

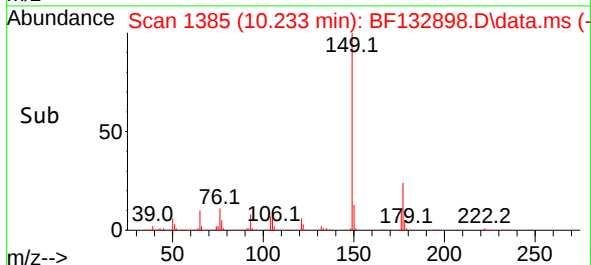
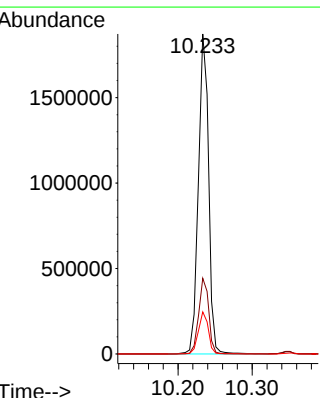
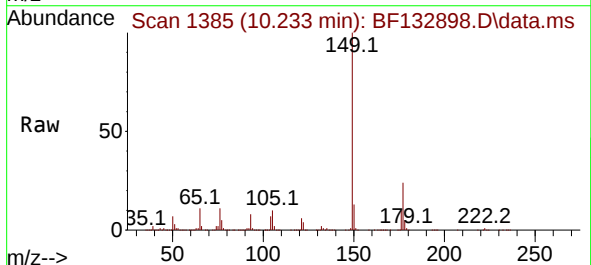
Instrument :
BNA_F
ClientSampleId :
PB152124BS

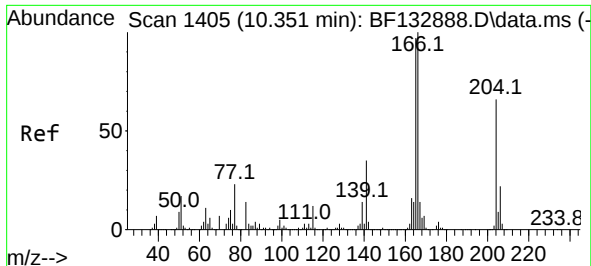
Tgt Ion:232 Resp: 469478
Ion Ratio Lower Upper
232 100
131 45.5 35.9 53.9
130 2.1 1.8 2.8
166 29.5 23.5 35.3



#60
Diethylphthalate
Concen: 42.613 ng
RT: 10.233 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF132898.D
Acq: 18 Apr 2023 12:42

Tgt Ion:149 Resp: 1793167
Ion Ratio Lower Upper
149 100
177 23.7 18.5 27.7
150 13.2 10.3 15.5

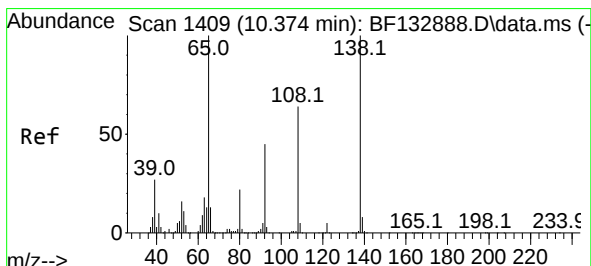
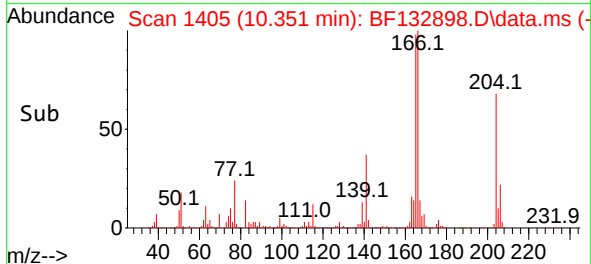
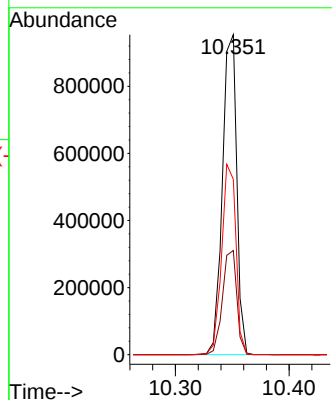
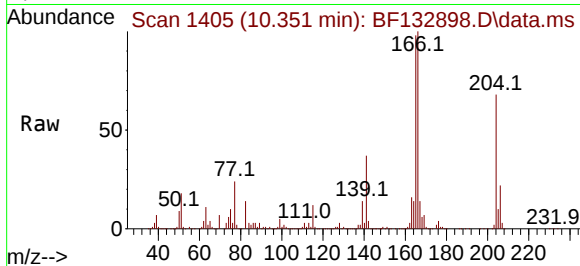




#61
4-Chlorophenyl-phenylether
Concen: 40.515 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF132898.D
Acq: 18 Apr 2023 12:42

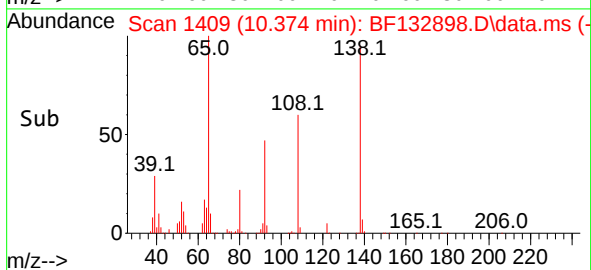
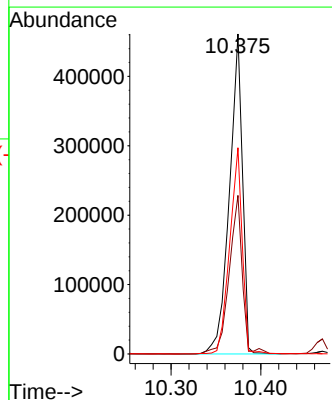
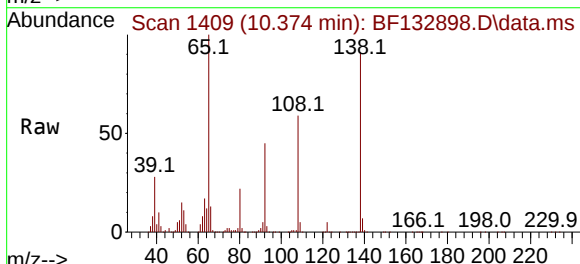
Instrument :
BNA_F
ClientSampleId :
PB152124BS

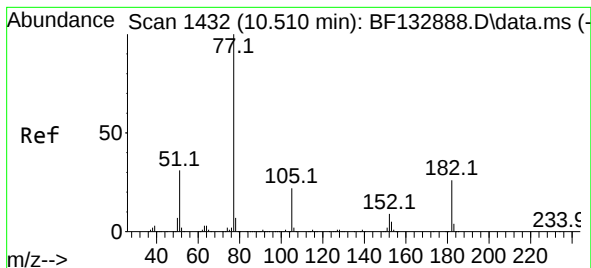
Tgt Ion:204 Resp: 841122
Ion Ratio Lower Upper
204 100
206 32.6 26.6 40.0
141 54.8 43.1 64.7



#62
4-Nitroaniline
Concen: 43.202 ng
RT: 10.374 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF132898.D
Acq: 18 Apr 2023 12:42

Tgt Ion:138 Resp: 466534
Ion Ratio Lower Upper
138 100
92 49.6 25.0 65.0
108 64.4 44.2 84.2





#63

Azobenzene

Concen: 41.245 ng

RT: 10.510 min Scan# 1432

Delta R.T. 0.000 min

Lab File: BF132898.D

Acq: 18 Apr 2023 12:42

Instrument :

BNA_F

ClientSampleId :

PB152124BS

Tgt Ion: 77 Resp: 1938754

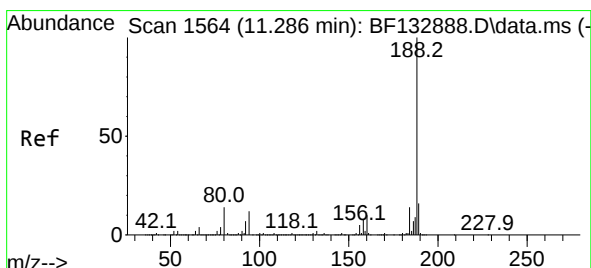
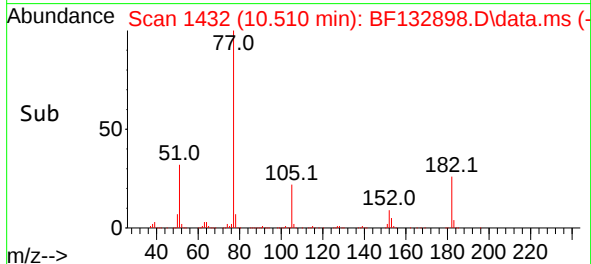
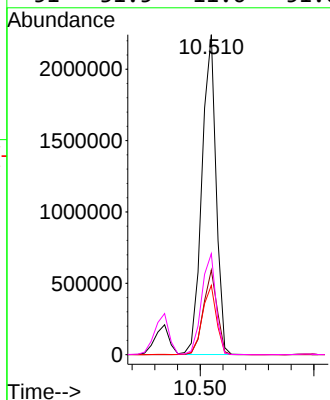
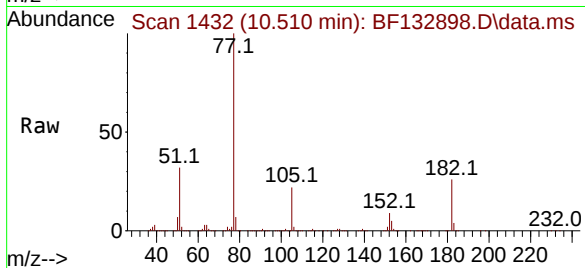
Ion Ratio Lower Upper

77 100

182 26.5 6.0 46.0

105 21.6 1.6 41.6

51 31.5 11.6 51.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.286 min Scan# 1564

Delta R.T. 0.000 min

Lab File: BF132898.D

Acq: 18 Apr 2023 12:42

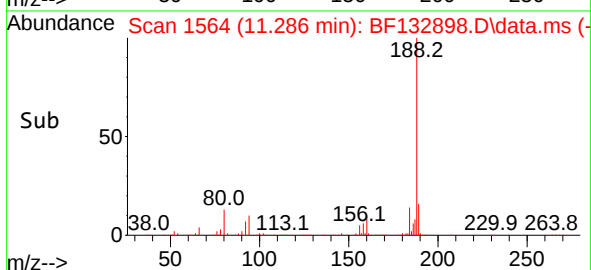
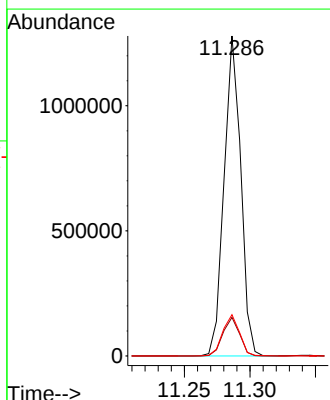
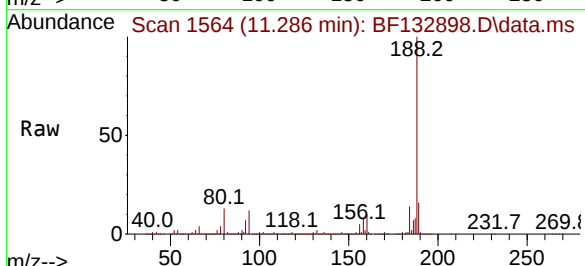
Tgt Ion: 188 Resp: 1129622

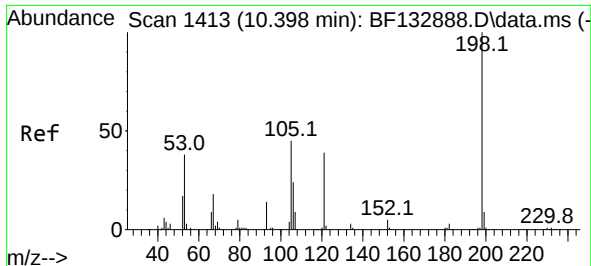
Ion Ratio Lower Upper

188 100

94 12.1 9.9 14.9

80 12.9 10.8 16.2

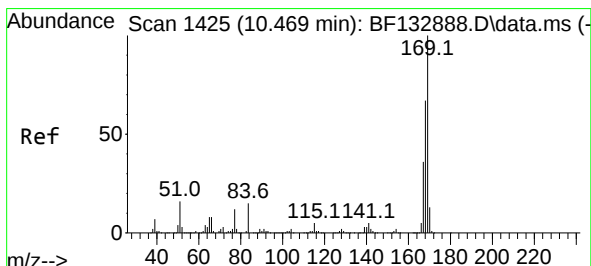
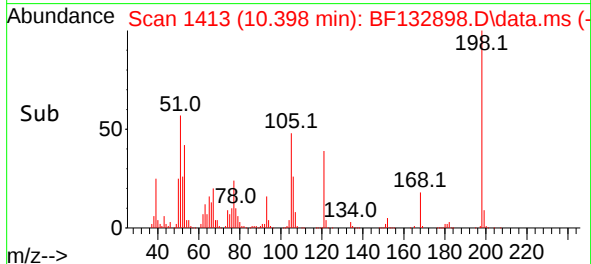
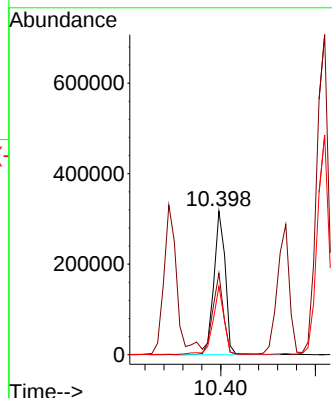
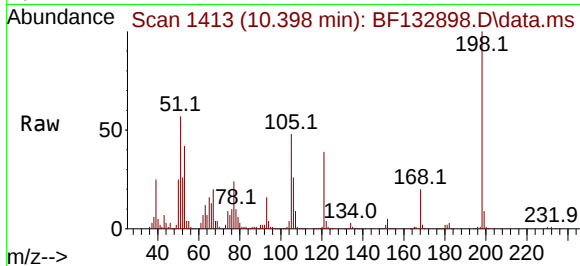




#65
4,6-Dinitro-2-methylphenol
Concen: 48.468 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF132898.D
Acq: 18 Apr 2023 12:42

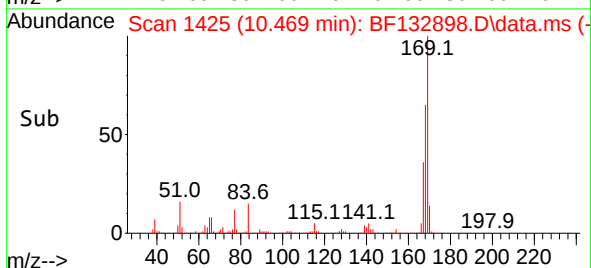
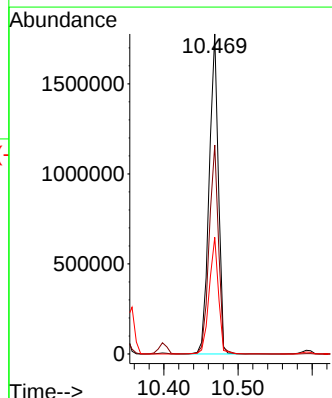
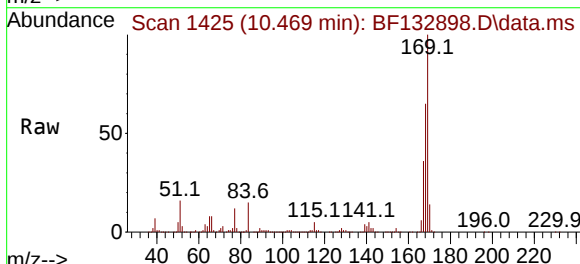
Instrument :
BNA_F
ClientSampleId :
PB152124BS

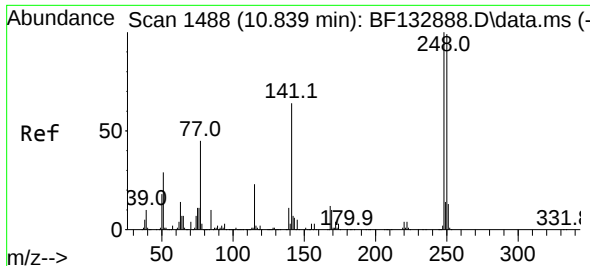
Tgt Ion:198 Resp: 262207
Ion Ratio Lower Upper
198 100
51 56.8 34.6 74.6
105 47.6 25.6 65.6



#66
n-Nitrosodiphenylamine
Concen: 41.895 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF132898.D
Acq: 18 Apr 2023 12:42

Tgt Ion:169 Resp: 1541324
Ion Ratio Lower Upper
169 100
168 65.3 53.4 80.0
167 36.4 29.0 43.6

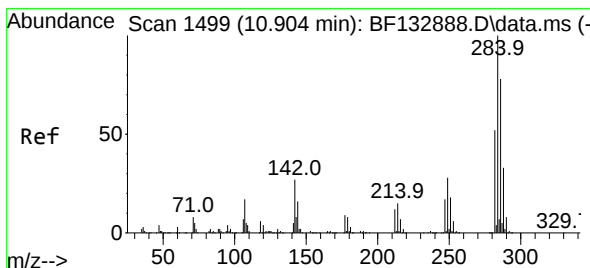
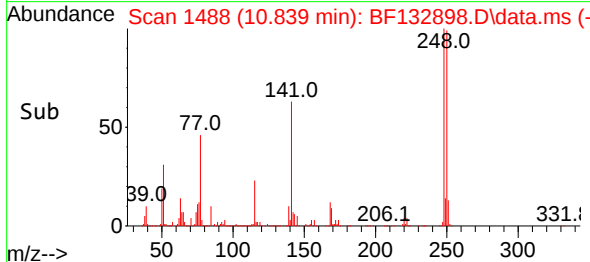
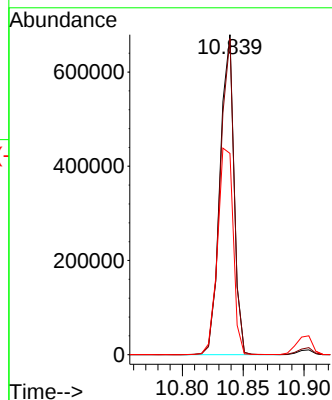
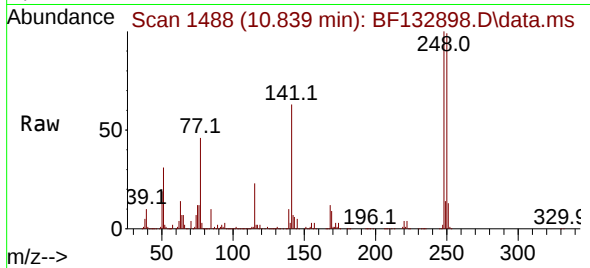




#67
4-Bromophenyl-phenylether
Concen: 42.316 ng
RT: 10.839 min Scan# 1488
Delta R.T. 0.000 min
Lab File: BF132898.D
Acq: 18 Apr 2023 12:42

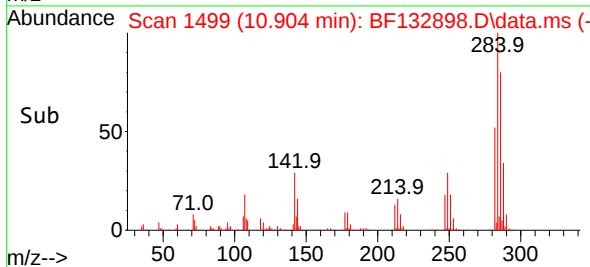
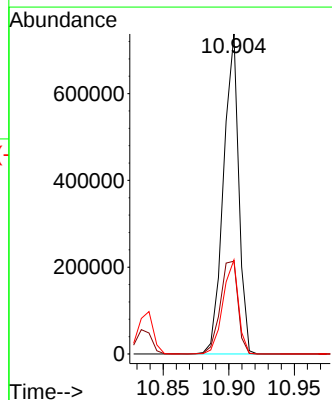
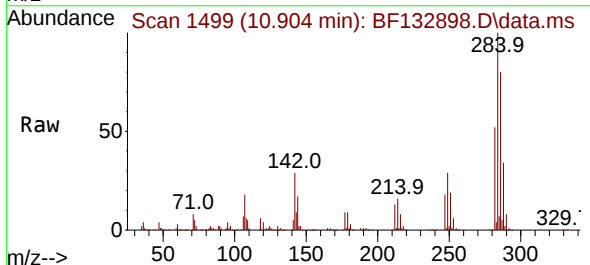
Instrument :
BNA_F
ClientSampleId :
PB152124BS

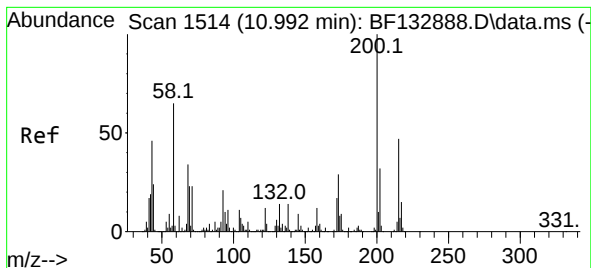
Tgt Ion:248 Resp: 545841
Ion Ratio Lower Upper
248 100
250 98.8 79.1 118.7
141 62.9 51.0 76.6



#68
Hexachlorobenzene
Concen: 44.467 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF132898.D
Acq: 18 Apr 2023 12:42

Tgt Ion:284 Resp: 595081
Ion Ratio Lower Upper
284 100
142 29.0 22.0 33.0
249 29.4 22.6 34.0





#69

Atrazine

Concen: 48.479 ng

RT: 10.998 min Scan# 1515

Delta R.T. 0.006 min

Lab File: BF132898.D

Acq: 18 Apr 2023 12:42

Instrument :

BNA_F

ClientSampleId :

PB152124BS

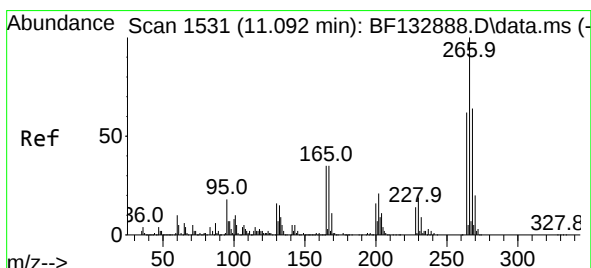
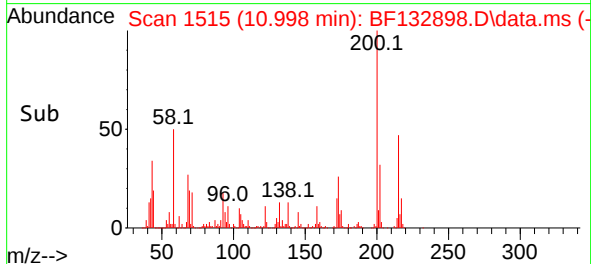
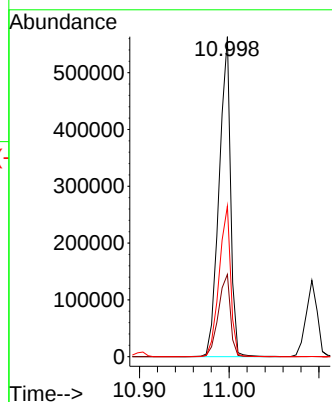
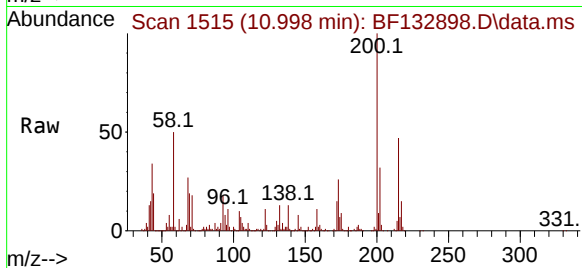
Tgt Ion:200 Resp: 498508

Ion Ratio Lower Upper

200 100

173 25.7 8.7 48.7

215 47.1 27.2 67.2



#70

Pentachlorophenol

Concen: 80.877 ng

RT: 11.092 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF132898.D

Acq: 18 Apr 2023 12:42

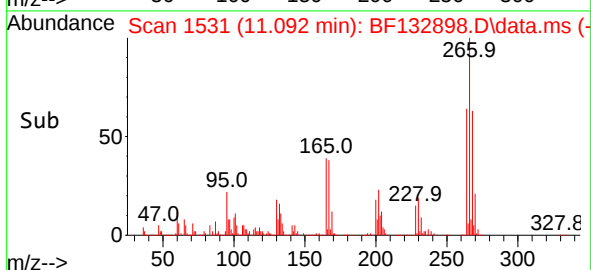
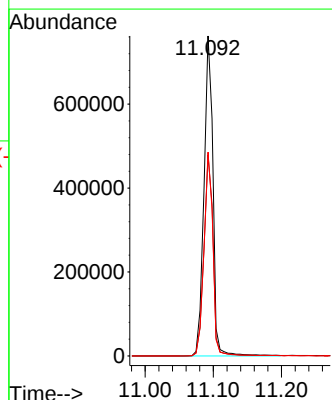
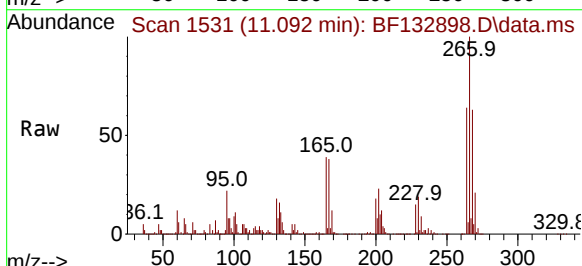
Tgt Ion:266 Resp: 698431

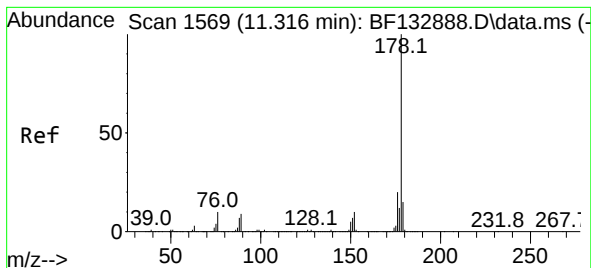
Ion Ratio Lower Upper

266 100

268 62.9 50.9 76.3

264 63.7 49.8 74.6





#71

Phenanthrene

Concen: 41.026 ng

RT: 11.316 min Scan# 1569

Delta R.T. 0.000 min

Lab File: BF132898.D

Acq: 18 Apr 2023 12:42

Instrument :

BNA_F

ClientSampleId :

PB152124BS

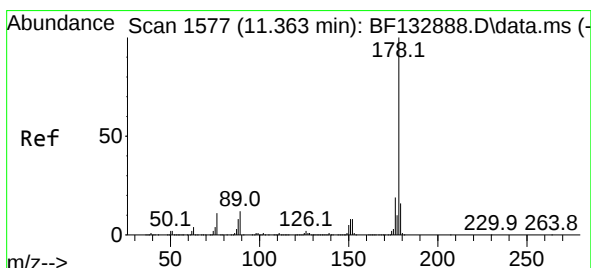
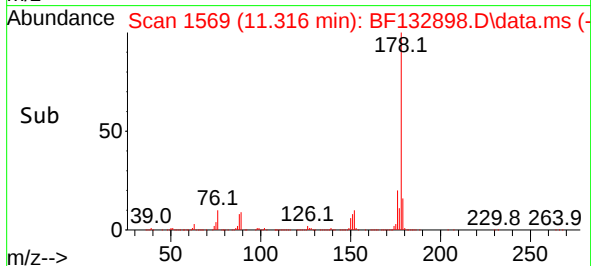
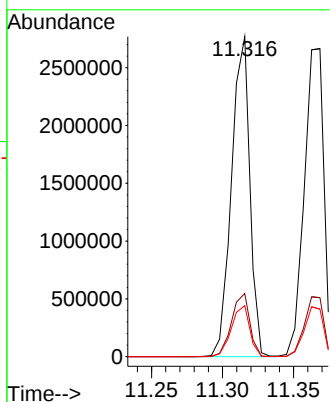
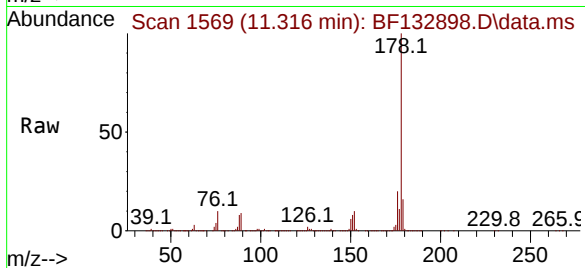
Tgt Ion:178 Resp: 2492817

Ion Ratio Lower Upper

178 100

176 19.8 15.9 23.9

179 15.9 12.3 18.5



#72

Anthracene

Concen: 41.268 ng

RT: 11.369 min Scan# 1578

Delta R.T. 0.006 min

Lab File: BF132898.D

Acq: 18 Apr 2023 12:42

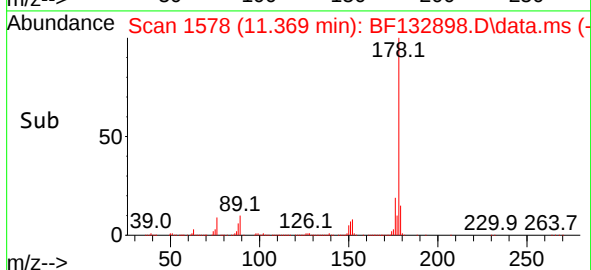
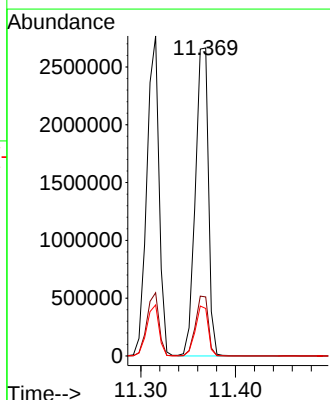
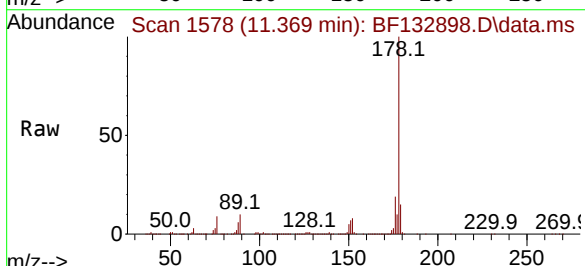
Tgt Ion:178 Resp: 2566868

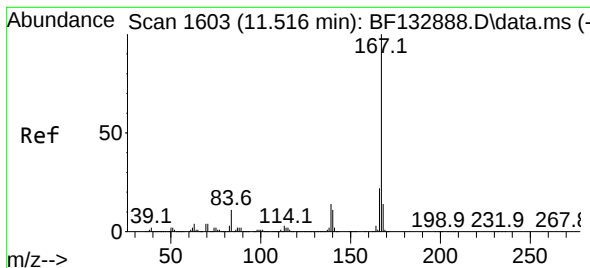
Ion Ratio Lower Upper

178 100

176 19.2 15.5 23.3

179 15.4 12.8 19.2





#73

Carbazole

Concen: 42.202 ng

RT: 11.516 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132898.D

Acq: 18 Apr 2023 12:42

Instrument :

BNA_F

ClientSampleId :

PB152124BS

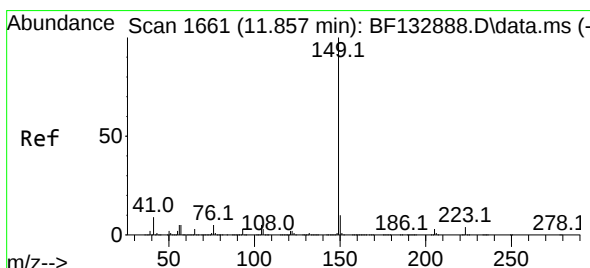
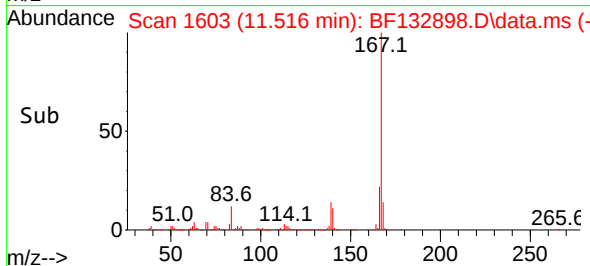
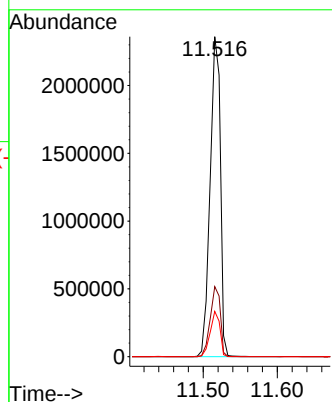
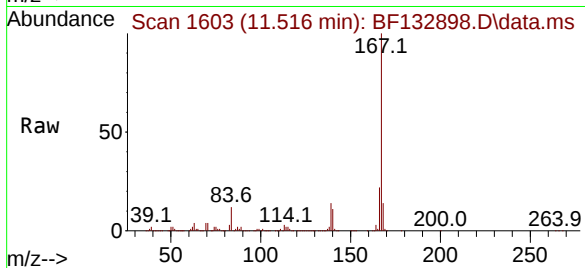
Tgt Ion:167 Resp: 2271307

Ion Ratio Lower Upper

167 100

166 21.9 17.4 26.2

139 14.2 11.0 16.4



#74

Di-n-butylphthalate

Concen: 45.676 ng

RT: 11.857 min Scan# 1661

Delta R.T. 0.000 min

Lab File: BF132898.D

Acq: 18 Apr 2023 12:42

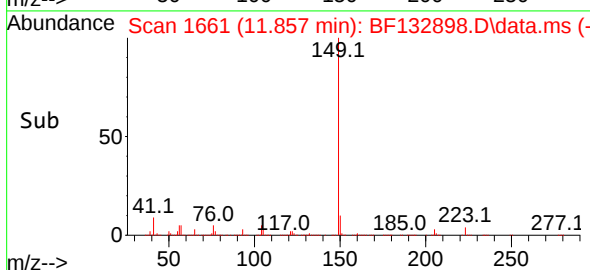
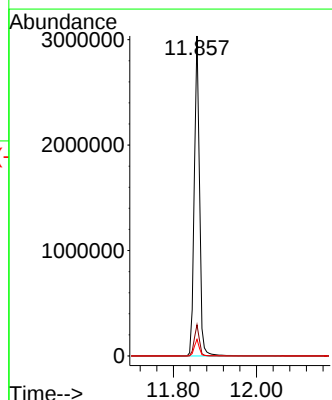
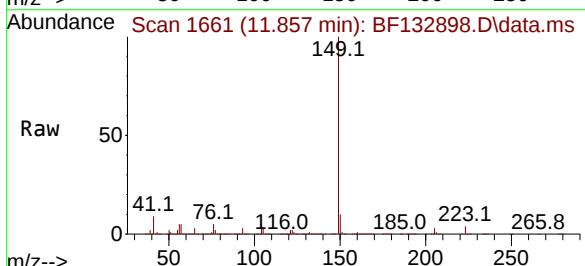
Tgt Ion:149 Resp: 2635225

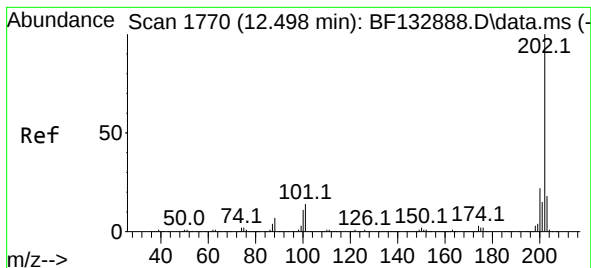
Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

104 5.2 4.2 6.2





#75

Fluoranthene

Concen: 41.319 ng

RT: 12.498 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132898.D

Acq: 18 Apr 2023 12:42

Instrument :

BNA_F

ClientSampleId :

PB152124BS

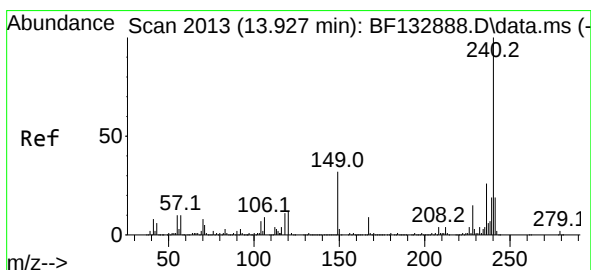
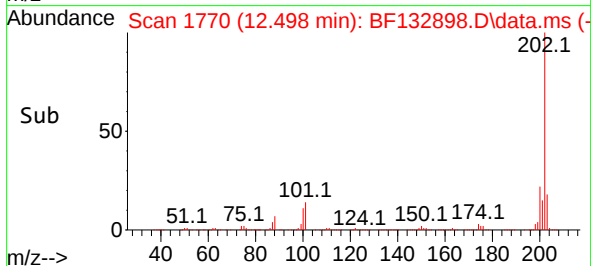
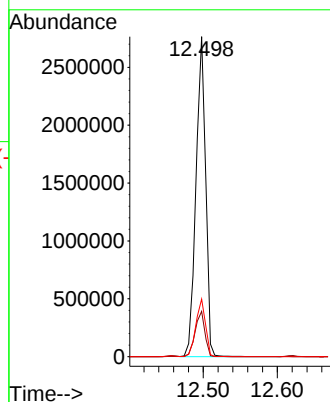
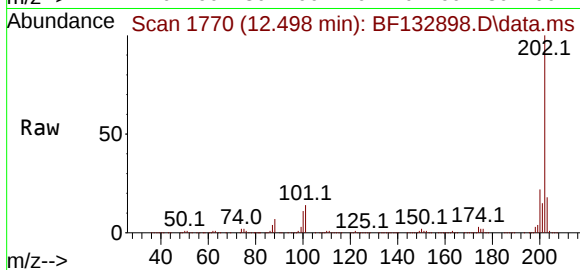
Tgt Ion:202 Resp: 2496653

Ion Ratio Lower Upper

202 100

101 14.2 0.0 34.5

203 18.0 0.0 38.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.927 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF132898.D

Acq: 18 Apr 2023 12:42

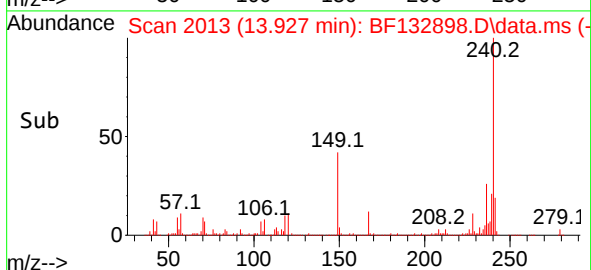
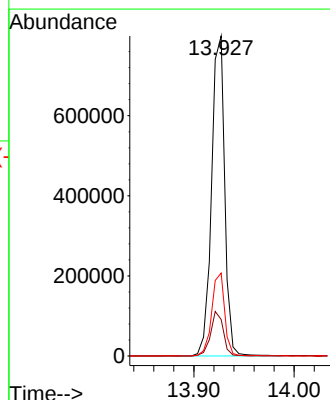
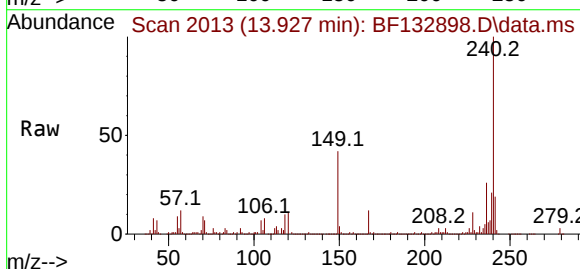
Tgt Ion:240 Resp: 726627

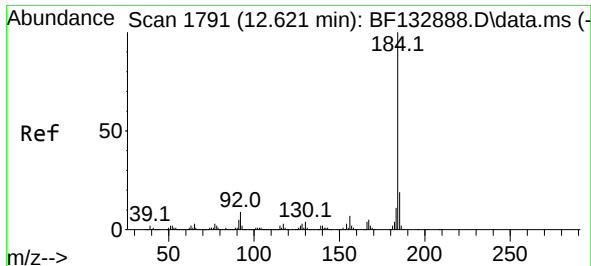
Ion Ratio Lower Upper

240 100

120 11.4 10.0 15.0

236 25.9 20.8 31.2

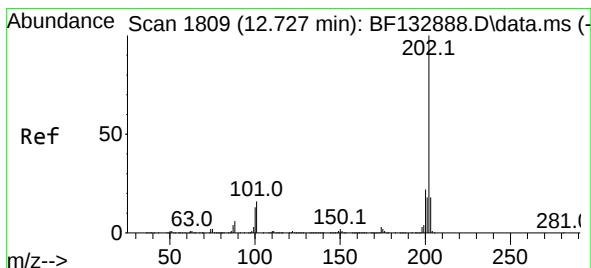
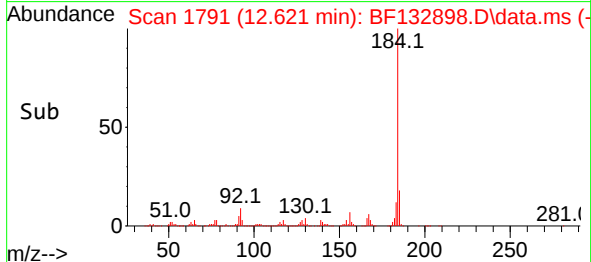
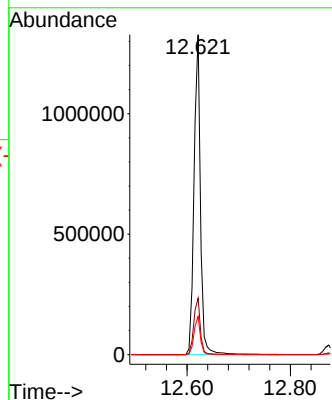
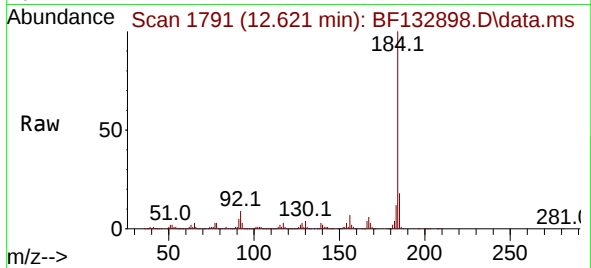




#77
Benzidine
Concen: 100.735 ng
RT: 12.621 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BF132898.D
Acq: 18 Apr 2023 12:42

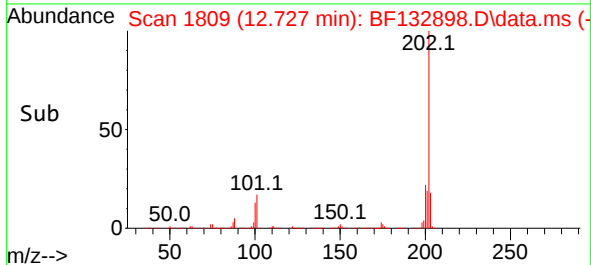
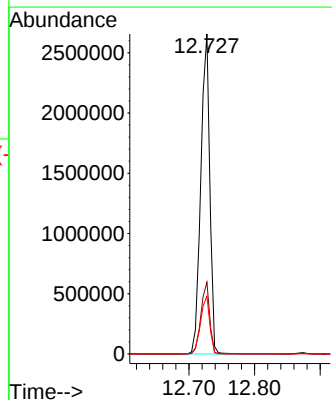
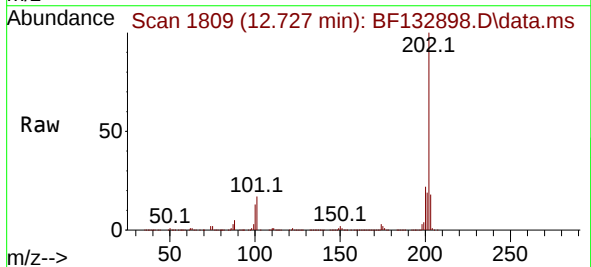
Instrument :
BNA_F
ClientSampleId :
PB152124BS

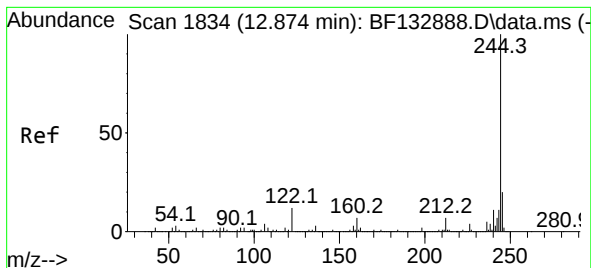
Tgt Ion:184 Resp: 1140235
Ion Ratio Lower Upper
184 100
185 17.7 14.9 22.3
183 12.0 9.0 13.6



#78
Pyrene
Concen: 42.597 ng
RT: 12.727 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF132898.D
Acq: 18 Apr 2023 12:42

Tgt Ion:202 Resp: 2530911
Ion Ratio Lower Upper
202 100
200 22.4 17.6 26.4
203 18.1 14.6 22.0





#79

Terphenyl-d14

Concen: 70.796 ng

RT: 12.874 min Scan# 1834

Delta R.T. 0.000 min

Lab File: BF132898.D

Acq: 18 Apr 2023 12:42

Instrument :

BNA_F

ClientSampleId :

PB152124BS

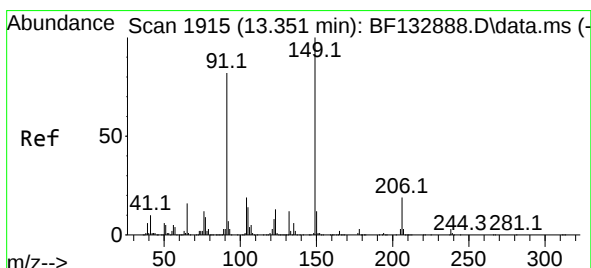
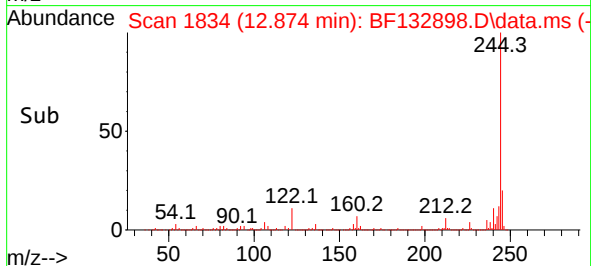
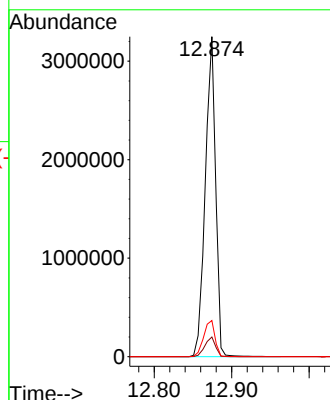
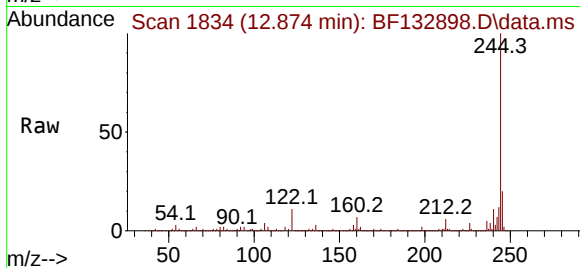
Tgt Ion:244 Resp: 3015230

Ion Ratio Lower Upper

244 100

212 6.1 5.4 8.0

122 11.3 9.6 14.4



#80

Butylbenzylphthalate

Concen: 48.957 ng

RT: 13.351 min Scan# 1915

Delta R.T. -0.000 min

Lab File: BF132898.D

Acq: 18 Apr 2023 12:42

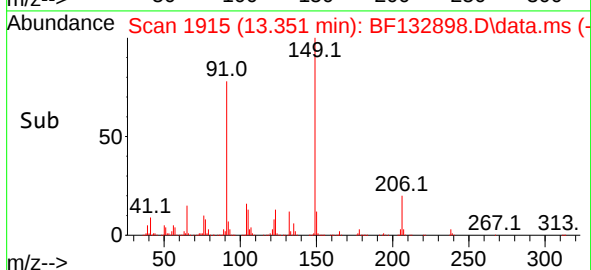
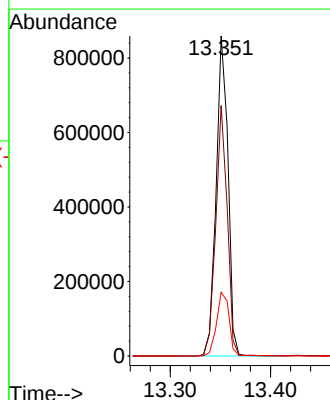
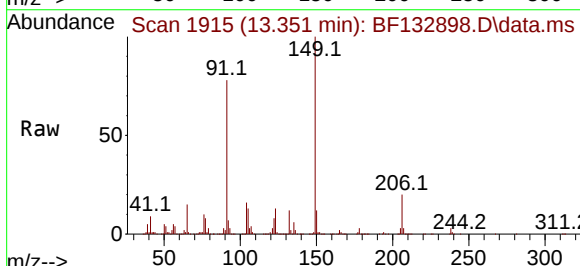
Tgt Ion:149 Resp: 703590

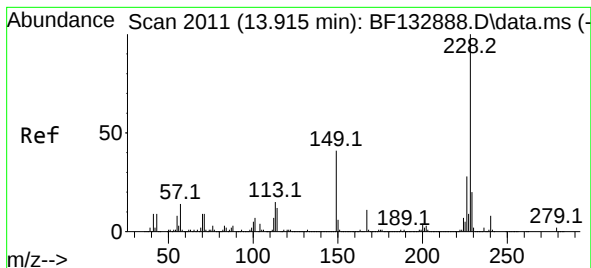
Ion Ratio Lower Upper

149 100

91 78.2 65.4 98.0

206 19.9 15.6 23.4

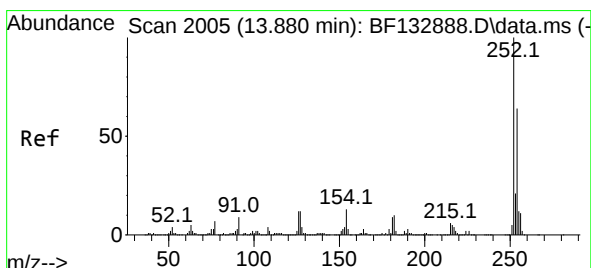
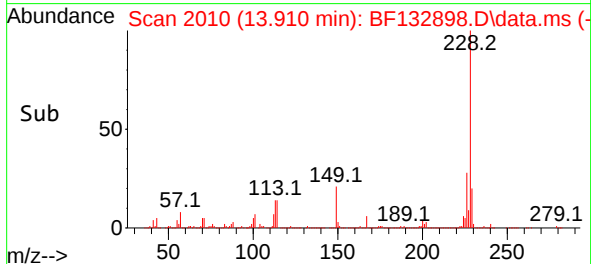
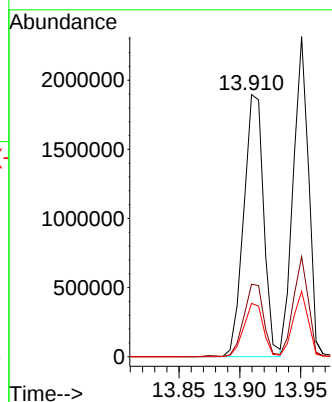
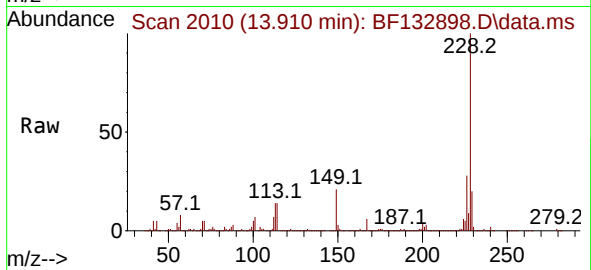




#81
Benzo(a)anthracene
Concen: 43.910 ng
RT: 13.910 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF132898.D
Acq: 18 Apr 2023 12:42

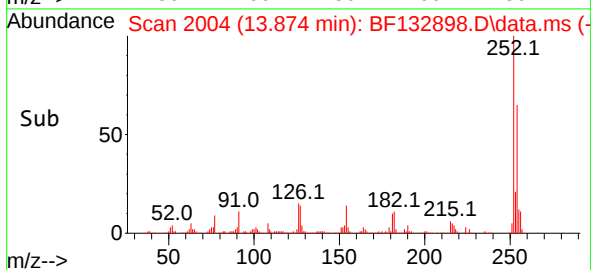
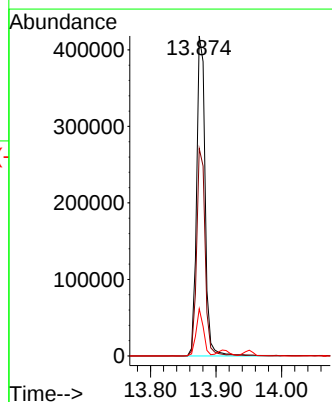
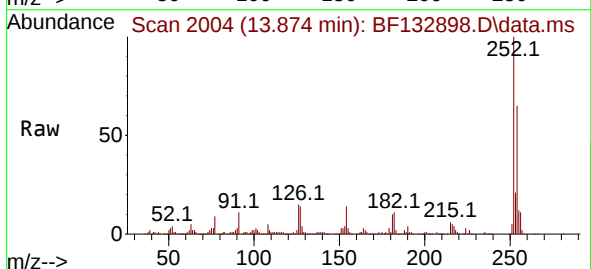
Instrument :
BNA_F
ClientSampleId :
PB152124BS

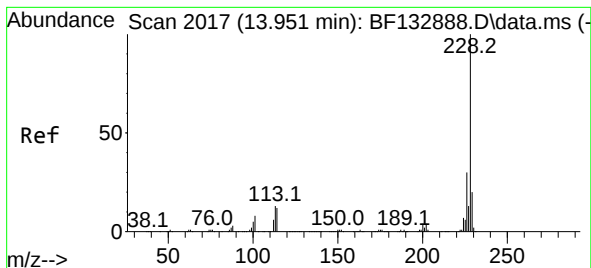
Tgt Ion:228 Resp: 2169838
Ion Ratio Lower Upper
228 100
226 27.7 22.4 33.6
229 20.3 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 31.705 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF132898.D
Acq: 18 Apr 2023 12:42

Tgt Ion:252 Resp: 378985
Ion Ratio Lower Upper
252 100
254 64.8 51.0 76.6
126 14.7 9.8 14.6#





#83

Chrysene

Concen: 41.181 ng

RT: 13.951 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF132898.D

Acq: 18 Apr 2023 12:42

Instrument :

BNA_F

ClientSampleId :

PB152124BS

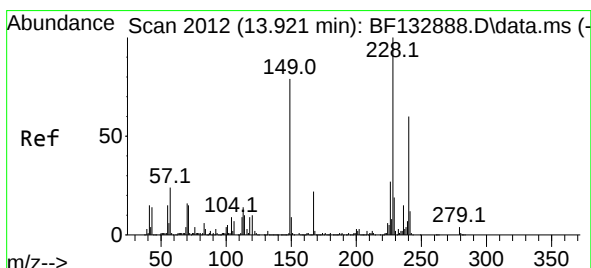
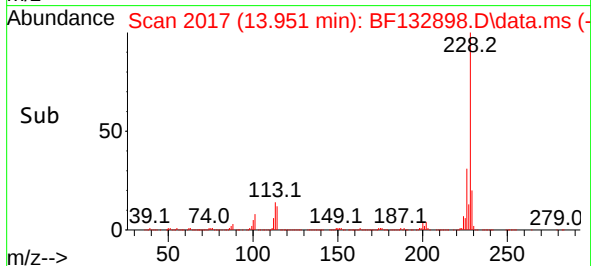
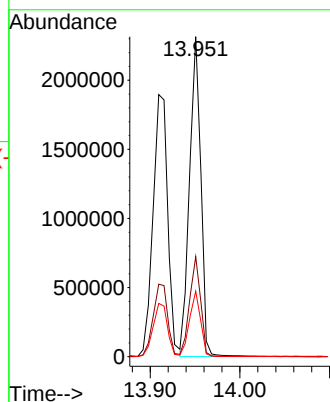
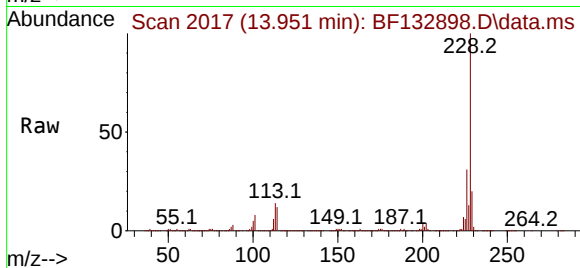
Tgt Ion:228 Resp: 2022666

Ion Ratio Lower Upper

228 100

226 31.3 24.3 36.5

229 20.5 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.374 ng

RT: 13.921 min Scan# 2012

Delta R.T. 0.000 min

Lab File: BF132898.D

Acq: 18 Apr 2023 12:42

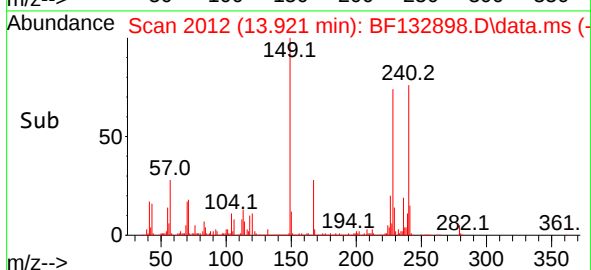
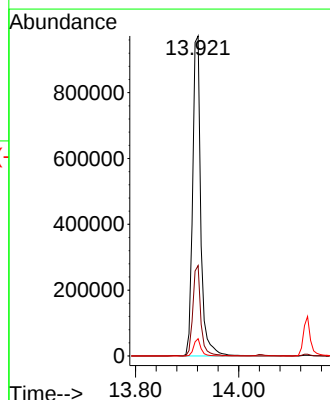
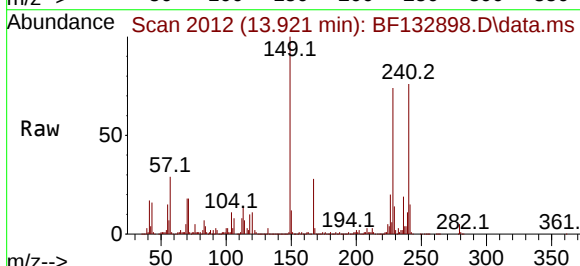
Tgt Ion:149 Resp: 1059509

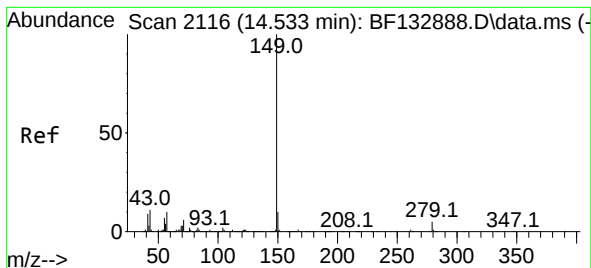
Ion Ratio Lower Upper

149 100

167 28.3 22.2 33.4

279 5.4 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 49.405 ng

RT: 14.527 min Scan# 2115

Delta R.T. -0.006 min

Lab File: BF132898.D

Acq: 18 Apr 2023 12:42

Instrument :

BNA_F

ClientSampleId :

PB152124BS

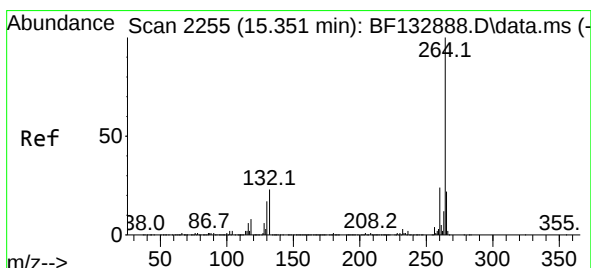
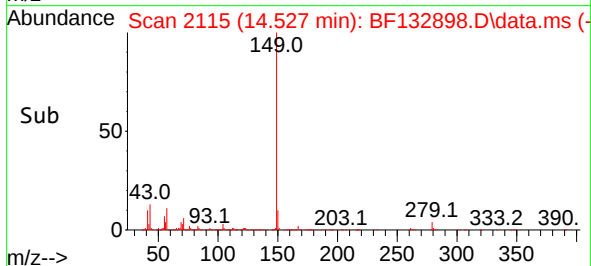
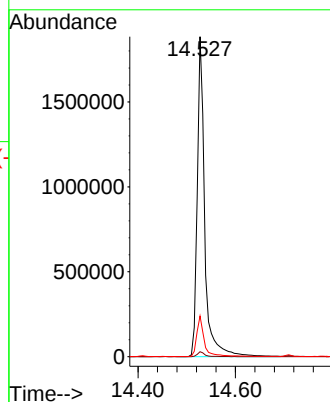
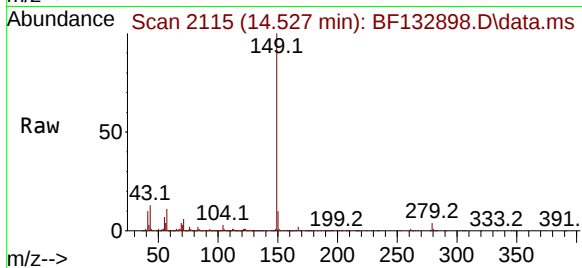
Tgt Ion:149 Resp: 2026987

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 13.0 11.5 17.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.351 min Scan# 2255

Delta R.T. -0.000 min

Lab File: BF132898.D

Acq: 18 Apr 2023 12:42

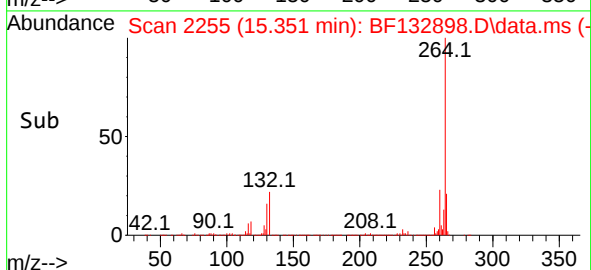
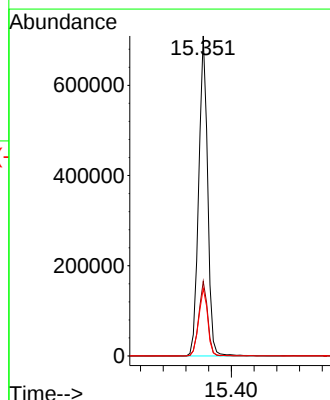
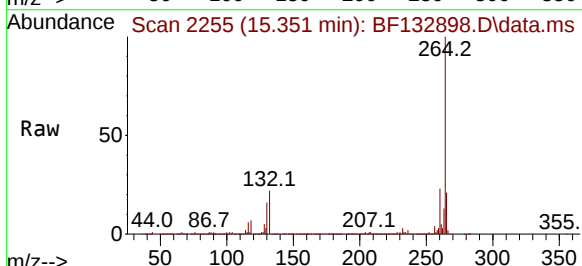
Tgt Ion:264 Resp: 777114

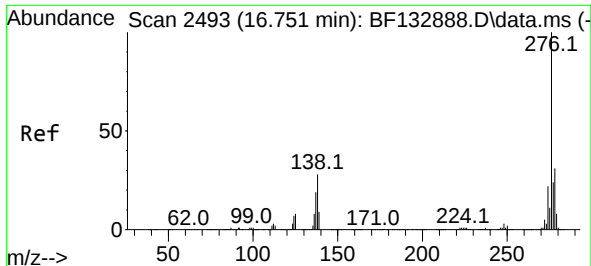
Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.6

265 21.1 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.025 ng

RT: 16.751 min Scan# 2493

Delta R.T. -0.000 min

Lab File: BF132898.D

Acq: 18 Apr 2023 12:42

Instrument :

BNA_F

ClientSampleId :

PB152124BS

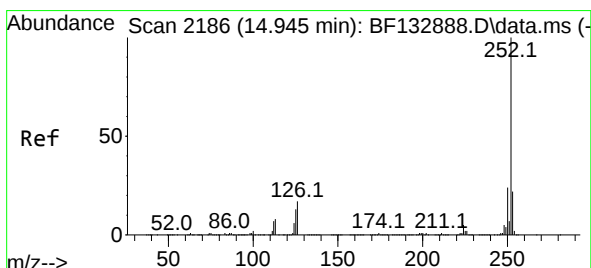
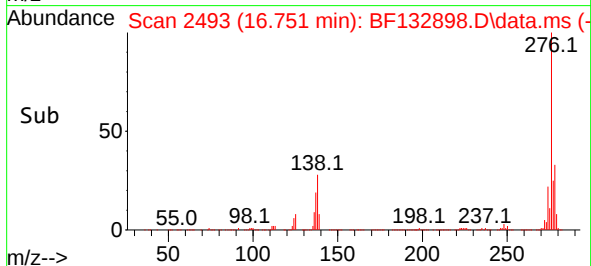
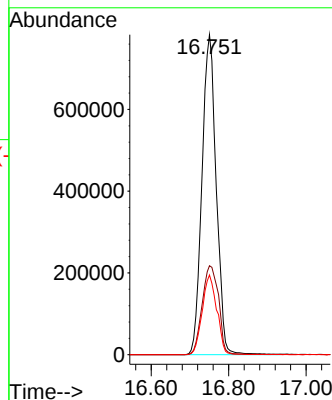
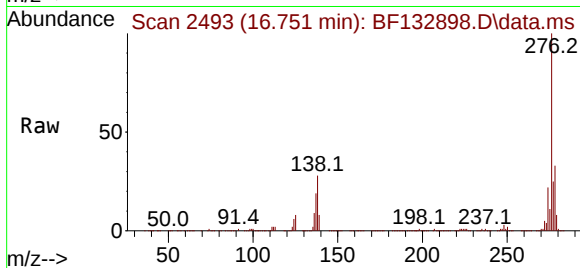
Tgt Ion:276 Resp: 1999319

Ion Ratio Lower Upper

276 100

138 32.0 25.5 38.3

277 25.5 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 43.688 ng

RT: 14.945 min Scan# 2186

Delta R.T. 0.000 min

Lab File: BF132898.D

Acq: 18 Apr 2023 12:42

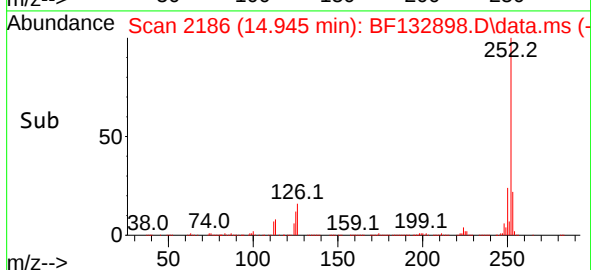
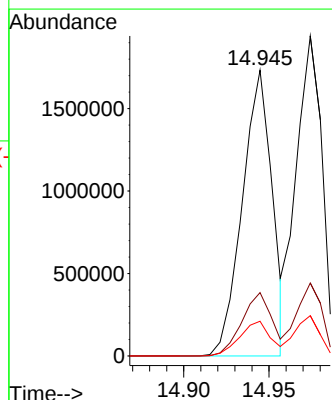
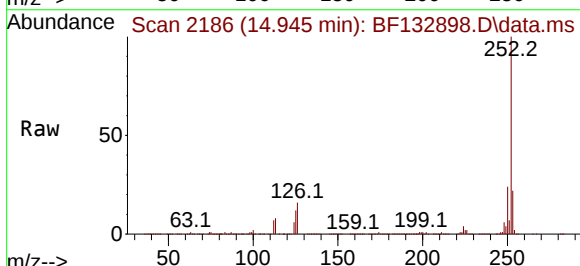
Tgt Ion:252 Resp: 2114787

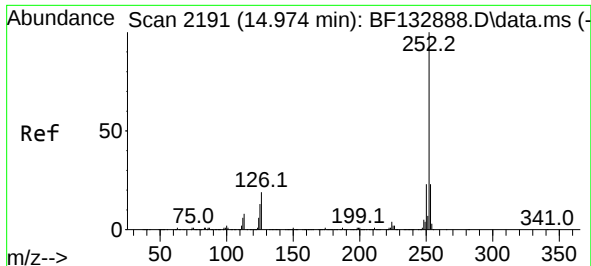
Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

125 12.2 10.0 15.0

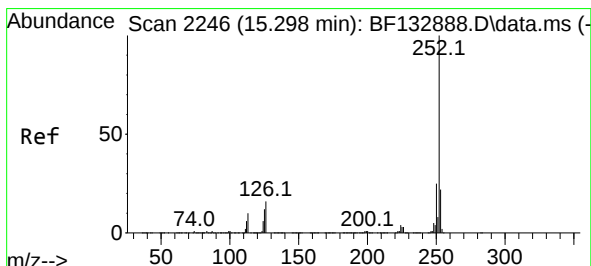
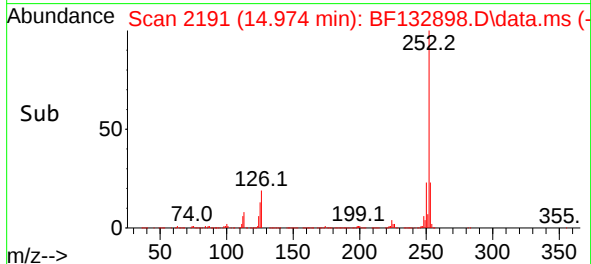
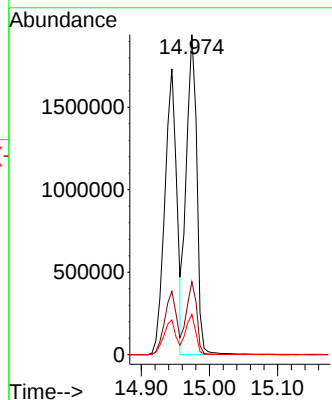
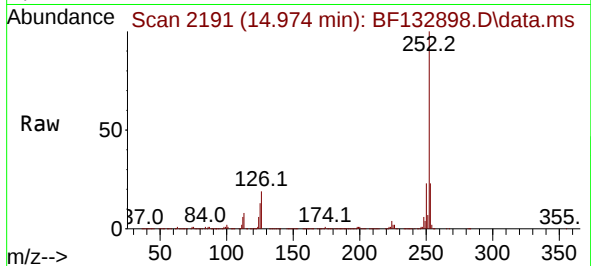




#89
Benzo(k)fluoranthene
Concen: 43.087 ng
RT: 14.974 min Scan# 2191
Delta R.T. 0.000 min
Lab File: BF132898.D
Acq: 18 Apr 2023 12:42

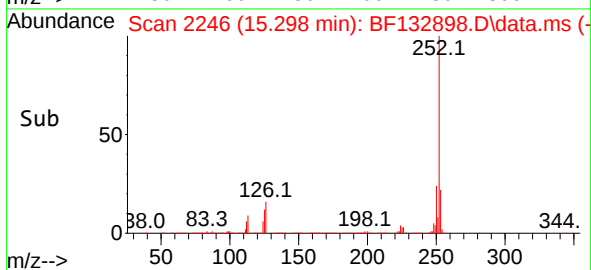
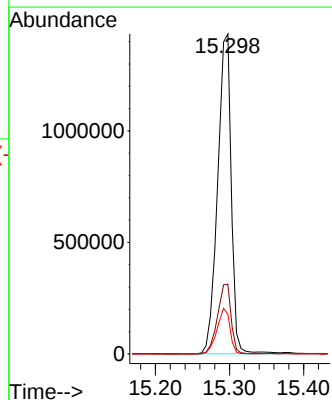
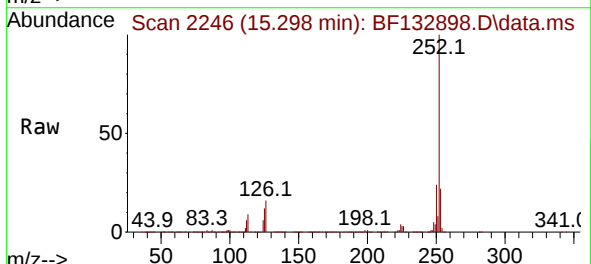
Instrument :
BNA_F
ClientSampleId :
PB152124BS

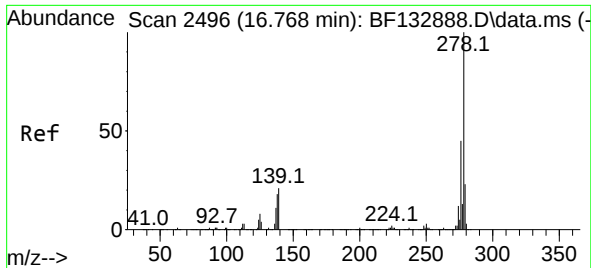
Tgt Ion:252 Resp: 2077713
Ion Ratio Lower Upper
252 100
253 22.8 18.0 27.0
125 12.6 10.0 15.0



#90
Benzo(a)pyrene
Concen: 41.405 ng
RT: 15.298 min Scan# 2246
Delta R.T. 0.000 min
Lab File: BF132898.D
Acq: 18 Apr 2023 12:42

Tgt Ion:252 Resp: 1831114
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 12.4 9.9 14.9

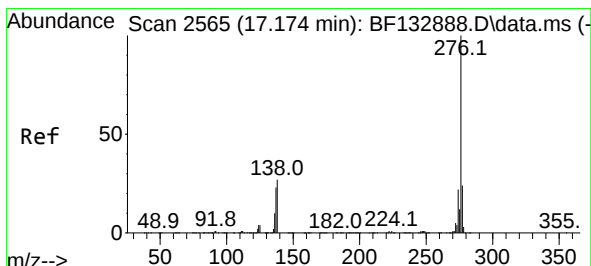
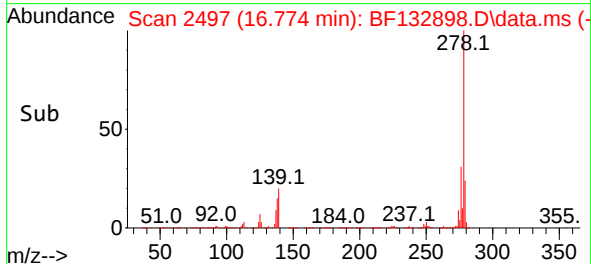
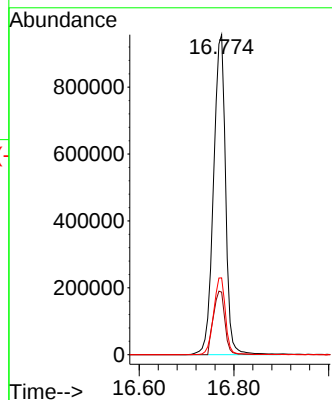
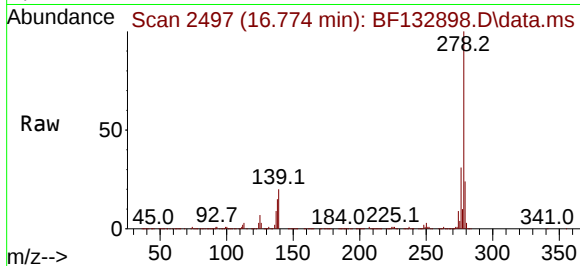




#91
Dibenzo(a,h)anthracene
Concen: 44.696 ng
RT: 16.774 min Scan# 2497
Delta R.T. 0.006 min
Lab File: BF132898.D
Acq: 18 Apr 2023 12:42

Instrument :
BNA_F
ClientSampleId :
PB152124BS

Tgt Ion:278 Resp: 1691088
Ion Ratio Lower Upper
278 100
139 19.5 16.7 25.1
279 24.0 18.4 27.6



#92
Benzo(g,h,i)perylene
Concen: 43.413 ng
RT: 17.174 min Scan# 2565
Delta R.T. 0.000 min
Lab File: BF132898.D
Acq: 18 Apr 2023 12:42

Tgt Ion:276 Resp: 1572698
Ion Ratio Lower Upper
276 100
277 23.4 18.9 28.3
138 27.9 21.7 32.5

