

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011623\
 Data File : BF132088.D
 Acq On : 17 Jan 2023 01:20
 Operator : CG\JU
 Sample : PB150209BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150209BS

Quant Time: Jan 17 06:52:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 17 01:48:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.098	152	238886	20.000	ng	0.00
21) Naphthalene-d8	8.387	136	867037	20.000	ng	0.00
39) Acenaphthene-d10	10.151	164	469491	20.000	ng	0.00
64) Phenanthrene-d10	11.651	188	921809	20.000	ng	0.00
76) Chrysene-d12	14.316	240	577208	20.000	ng	0.00
86) Perylene-d12	15.916	264	577623	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.734	112	1652250	124.214	ng	0.02
7) Phenol-d6	6.716	99	2097053	126.423	ng	0.00
23) Nitrobenzene-d5	7.663	82	1356937	107.120	ng	0.00
42) 2,4,6-Tribromophenol	10.951	330	698193	155.670	ng	0.00
45) 2-Fluorobiphenyl	9.463	172	2465116	81.611	ng	0.00
79) Terphenyl-d14	13.251	244	2890290	95.145	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.169	88	261518	37.639	ng	99
3) Pyridine	3.881	79	689539	36.817	ng	98
4) n-Nitrosodimethylamine	3.846	42	334663	44.890	ng	100
6) Aniline	6.763	93	747098	31.938	ng	100
8) 2-Chlorophenol	6.881	128	691991	51.762	ng	99
9) Benzaldehyde	6.651	77	368947	31.814	ng	99
10) Phenol	6.728	94	764677	45.120	ng	99
11) bis(2-Chloroethyl)ether	6.828	93	648825	44.509	ng	98
12) 1,3-Dichlorobenzene	7.040	146	740910	46.206	ng	99
13) 1,4-Dichlorobenzene	7.116	146	742073	46.026	ng	99
14) 1,2-Dichlorobenzene	7.269	146	715448	48.501	ng	99
15) Benzyl Alcohol	7.234	79	586602	49.328	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.363	45	767060	46.265	ng	98
17) 2-Methylphenol	7.334	107	562652	45.628	ng	99
18) Hexachloroethane	7.616	117	268617	54.625	ng	94
19) n-Nitroso-di-n-propyla...	7.504	70	437125	47.097	ng	98
20) 3+4-Methylphenols	7.487	107	670692	43.969	ng	96
22) Acetophenone	7.504	105	883844	43.803	ng	99
24) Nitrobenzene	7.681	77	717926	52.219	ng	96
25) Isophorone	7.916	82	1325237	44.559	ng	98
26) 2-Nitrophenol	7.992	139	300285	58.114	ng	# 90
27) 2,4-Dimethylphenol	8.022	122	617651	48.608	ng	98
28) bis(2-Chloroethoxy)met...	8.122	93	769506	43.933	ng	98
29) 2,4-Dichlorophenol	8.234	162	593165	50.174	ng	98
30) 1,2,4-Trichlorobenzene	8.322	180	660122	46.465	ng	99
31) Naphthalene	8.410	128	1892661	43.429	ng	99
32) Benzoic acid	8.134	122	373199	57.673	ng	98
33) 4-Chloroaniline	8.445	127	390725	21.203	ng	99
34) Hexachlorobutadiene	8.522	225	421627	47.243	ng	98
35) Caprolactam	8.816	113	99779	30.018	ng	98
36) 4-Chloro-3-methylphenol	8.922	107	600075	48.722	ng	93
37) 2-Methylnaphthalene	9.104	142	1244278	41.571	ng	98
38) 1-Methylnaphthalene	9.204	142	1176584	42.416	ng	99
40) 1,2,4,5-Tetrachloroben...	9.269	216	623833	41.907	ng	98
41) Hexachlorocyclopentadiene	9.257	237	806750	104.004	ng	98
43) 2,4,6-Trichlorophenol	9.375	196	443540	52.896	ng	99

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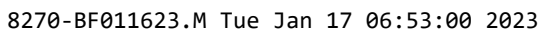
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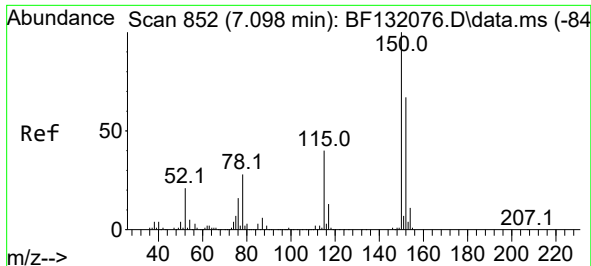
Quant Time: Jan 17 06:52:55 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.416	196	465802	47.497	ng	96
46) 1,1'-Biphenyl	9.569	154	1521369	42.646	ng	99
47) 2-Chloronaphthalene	9.598	162	1197711	43.589	ng	99
48) 2-Nitroaniline	9.687	65	340691	51.778	ng	99
49) Acenaphthylene	10.016	152	1928972	42.915	ng	99
50) Dimethylphthalate	9.869	163	1453384	48.041	ng	99
51) 2,6-Dinitrotoluene	9.928	165	320989	51.254	ng	97
52) Acenaphthene	10.192	154	1240785	46.928	ng	99
53) 3-Nitroaniline	10.098	138	206023	31.432	ng	95
54) 2,4-Dinitrophenol	10.204	184	289414	94.162	ng	# 11
55) Dibenzofuran	10.363	168	1675227	41.939	ng	98
56) 4-Nitrophenol	10.251	139	544920	91.171	ng	93
57) 2,4-Dinitrotoluene	10.334	165	413240	52.260	ng	# 90
58) Fluorene	10.710	166	1234055	41.207	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.475	232	420123	54.578	ng	99
60) Diethylphthalate	10.569	149	1382289	51.389	ng	99
61) 4-Chlorophenyl-phenyle...	10.692	204	655707	42.512	ng	98
62) 4-Nitroaniline	10.722	138	318495	47.321	ng	98
63) Azobenzene	10.857	77	1338902	41.844	ng	99
65) 4,6-Dinitro-2-methylph...	10.745	198	188196	54.524	ng	92
66) n-Nitrosodiphenylamine	10.816	169	1145673	42.451	ng	100
67) 4-Bromophenyl-phenylether	11.192	248	439261	43.766	ng	99
68) Hexachlorobenzene	11.257	284	513134	46.864	ng	98
69) Atrazine	11.339	200	434101	53.372	ng	99
70) Pentachlorophenol	11.451	266	608318	89.303	ng	98
71) Phenanthrene	11.681	178	1953787	41.991	ng	99
72) Anthracene	11.733	178	1975788	41.525	ng	99
73) Carbazole	11.880	167	1825360	42.656	ng	100
74) Di-n-butylphthalate	12.204	149	2054005	46.688	ng	99
75) Fluoranthene	12.880	202	2167778	41.392	ng	98
77) Benzidine	12.992	184	790039	81.671	ng	99
78) Pyrene	13.110	202	2226273	46.637	ng	100
80) Butylbenzylphthalate	13.722	149	785678	63.161	ng	97
81) Benzo(a)anthracene	14.304	228	1783406	45.362	ng	99
82) 3,3'-Dichlorobenzidine	14.263	252	371849	36.099	ng	99
83) Chrysene	14.345	228	1641825	44.469	ng	100
84) Bis(2-ethylhexyl)phtha...	14.280	149	1037408	61.803	ng	# 98
85) Di-n-octyl phthalate	14.921	149	1524168	62.716	ng	# 94
87) Indeno(1,2,3-cd)pyrene	17.592	276	1852223	51.034	ng	98
88) Benzo(b)fluoranthene	15.433	252	1698934	47.936	ng	99
89) Benzo(k)fluoranthene	15.468	252	1561358	44.995	ng	99
90) Benzo(a)pyrene	15.851	252	1467335	44.419	ng	99
91) Dibenzo(a,h)anthracene	17.615	278	1525884	51.798	ng	99
92) Benzo(g,h,i)perylene	18.104	276	1560691	51.216	ng	98

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

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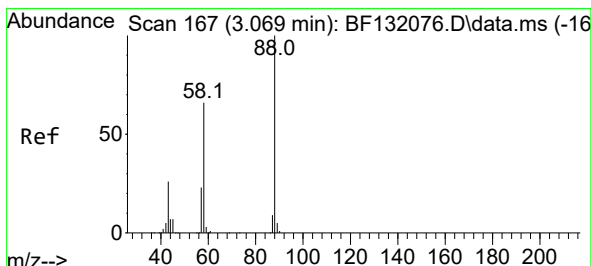
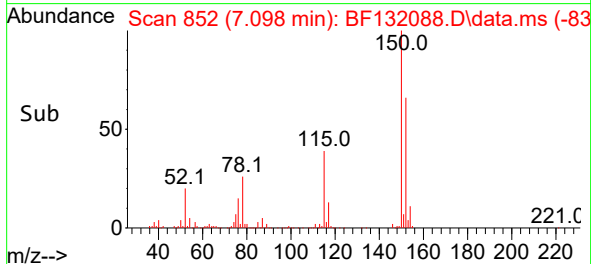
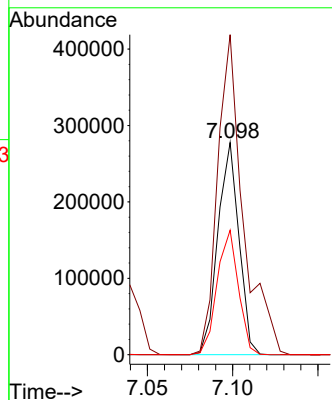
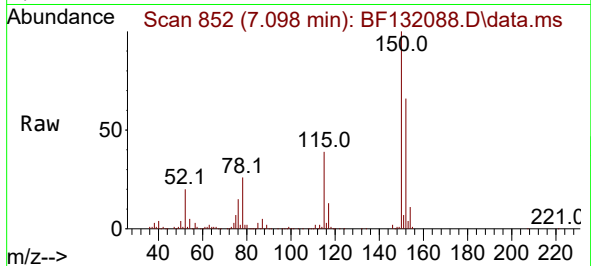




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.098 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF132088.D
 Acq: 17 Jan 2023 01:20

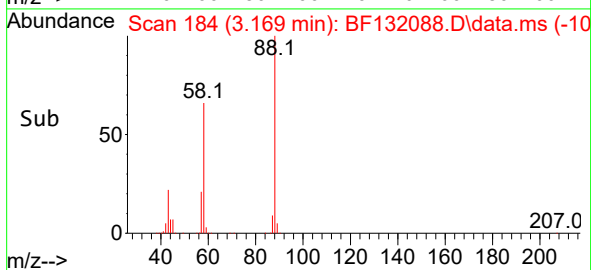
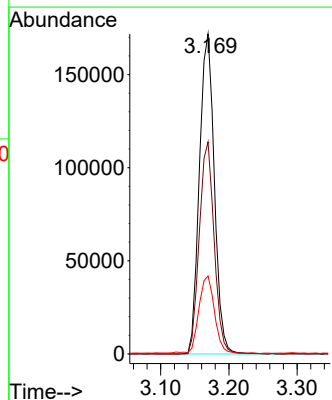
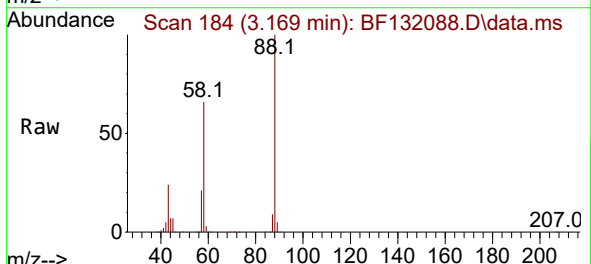
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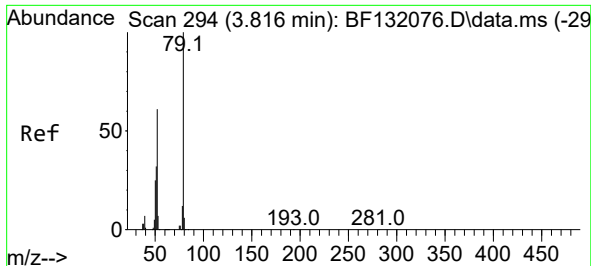
Tgt Ion:152 Resp: 238886
 Ion Ratio Lower Upper
 152 100
 150 150.8 118.6 178.0
 115 58.7 47.0 70.6



#2
 1,4-Dioxane
 Concen: 37.639 ng
 RT: 3.169 min Scan# 184
 Delta R.T. 0.100 min
 Lab File: BF132088.D
 Acq: 17 Jan 2023 01:20

Tgt Ion: 88 Resp: 261518
 Ion Ratio Lower Upper
 88 100
 58 65.9 51.8 77.8
 43 25.1 20.0 30.0

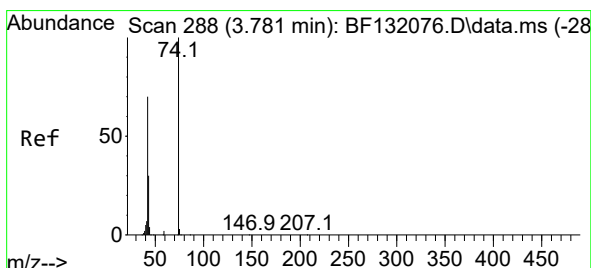
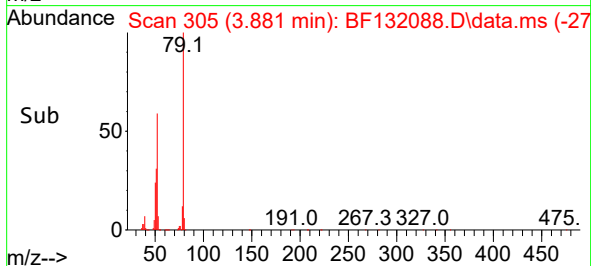
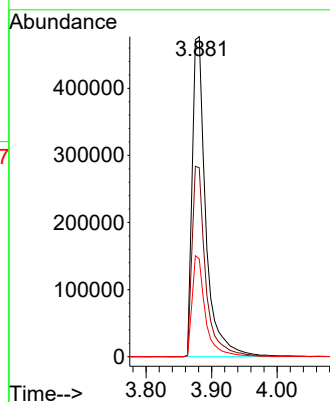
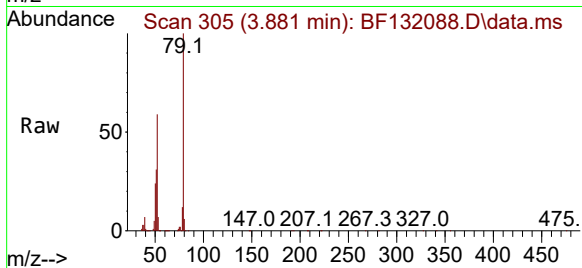




#3
Pyridine
Concen: 36.817 ng
RT: 3.881 min Scan# 305
Delta R.T. 0.065 min
Lab File: BF132088.D
Acq: 17 Jan 2023 01:20

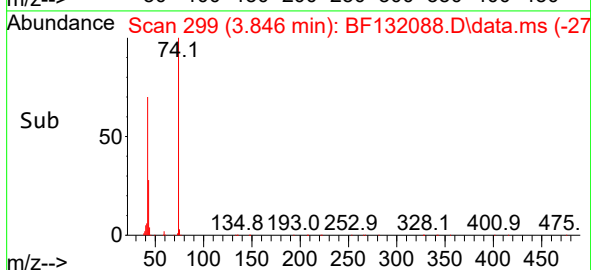
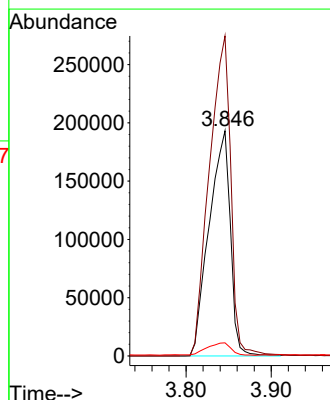
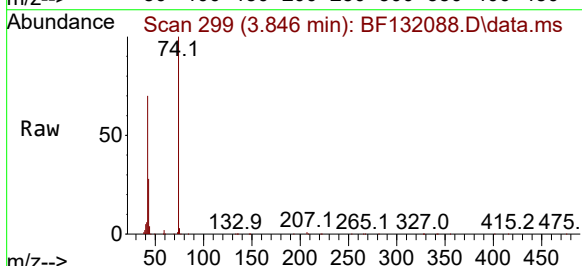
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BNA_F
ClientSampleId :
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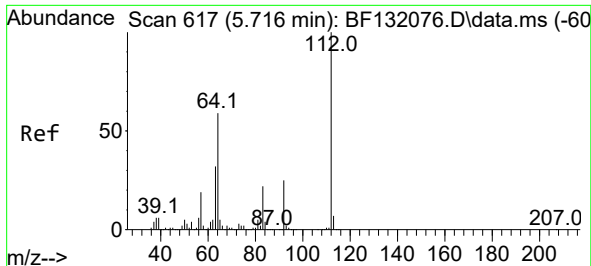
Tgt Ion: 79 Resp: 689539
Ion Ratio Lower Upper
79 100
52 59.0 48.6 73.0
51 30.5 25.5 38.3



#4
n-Nitrosodimethylamine
Concen: 44.890 ng
RT: 3.846 min Scan# 299
Delta R.T. 0.065 min
Lab File: BF132088.D
Acq: 17 Jan 2023 01:20

Tgt Ion: 42 Resp: 334663
Ion Ratio Lower Upper
42 100
74 142.1 113.5 170.3
44 5.8 5.8 8.6

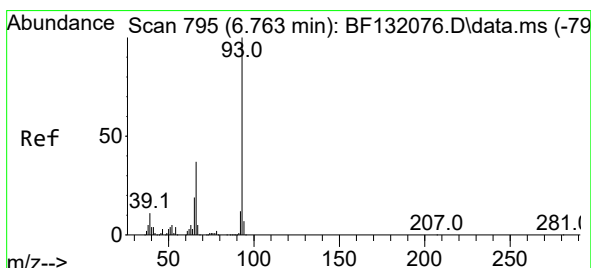
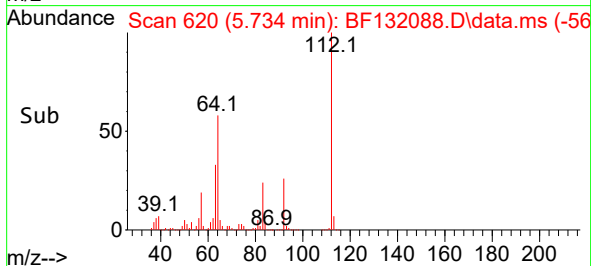
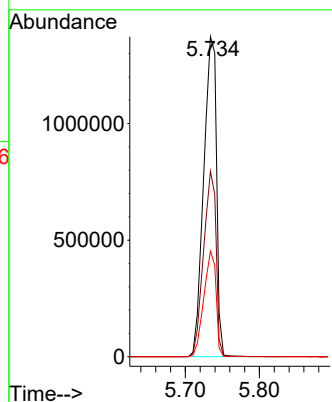
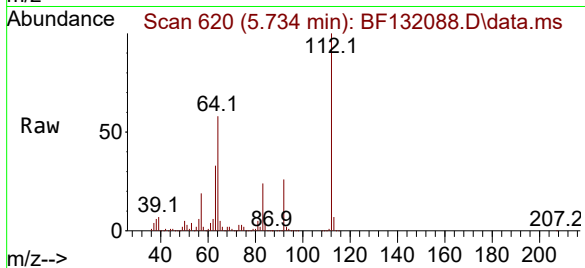




#5
2-Fluorophenol
Concen: 124.214 ng
RT: 5.734 min Scan# 617
Delta R.T. 0.018 min
Lab File: BF132088.D
Acq: 17 Jan 2023 01:20

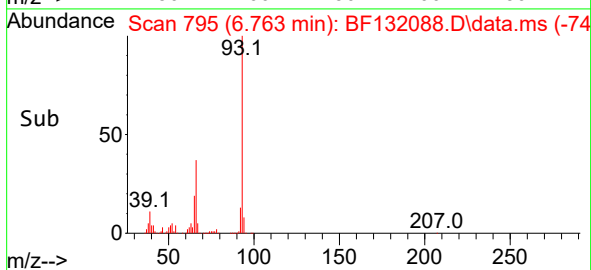
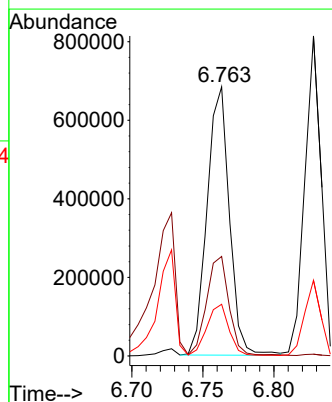
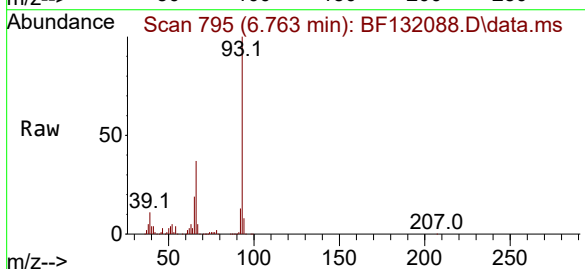
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ClientSampleId :
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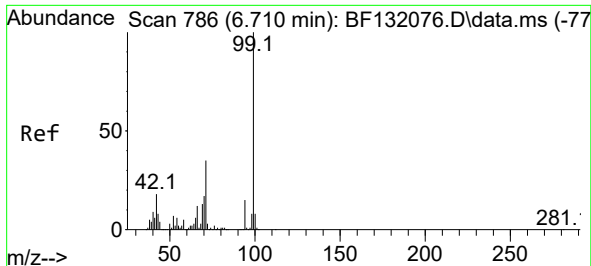
Tgt Ion:112 Resp: 1652250
Ion Ratio Lower Upper
112 100
64 58.0 46.9 70.3
63 33.0 25.6 38.4



#6
Aniline
Concen: 31.938 ng
RT: 6.763 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF132088.D
Acq: 17 Jan 2023 01:20

Tgt Ion: 93 Resp: 747098
Ion Ratio Lower Upper
93 100
66 37.0 29.8 44.8
65 19.2 15.4 23.0



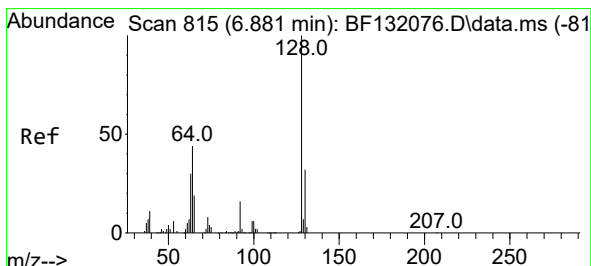
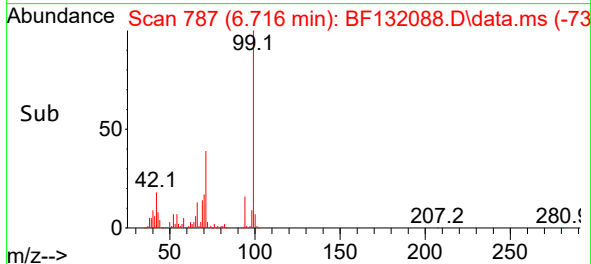
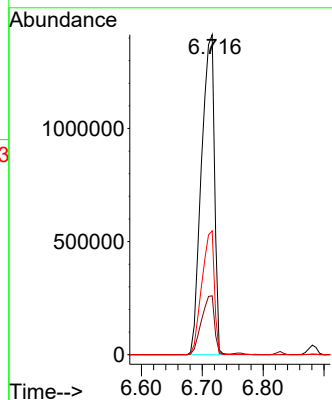
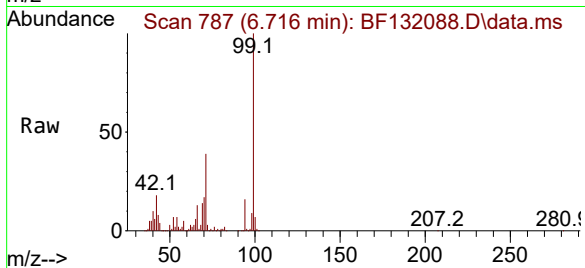


#7
Phenol-d6
Concen: 126.423 ng
RT: 6.716 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF132088.D
Acq: 17 Jan 2023 01:20

Instrument :
BNA_F
ClientSampleId :
PB150209BS

Tgt Ion: 99 Resp: 2097053

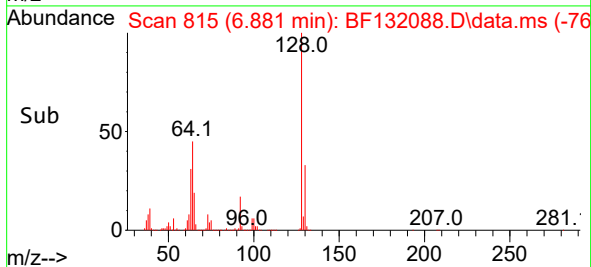
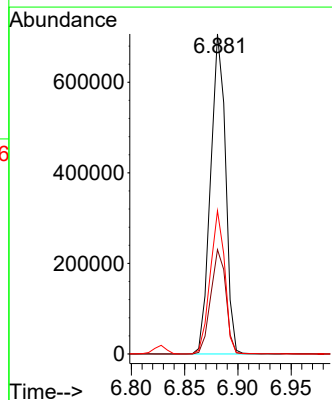
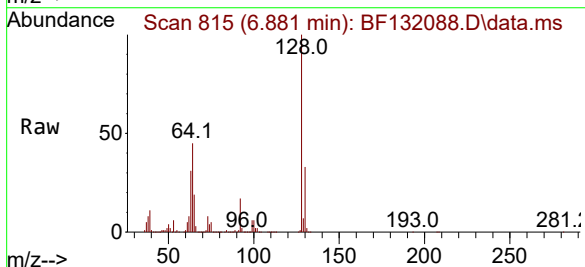
Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.0	21.0
71	38.7	28.2	42.4

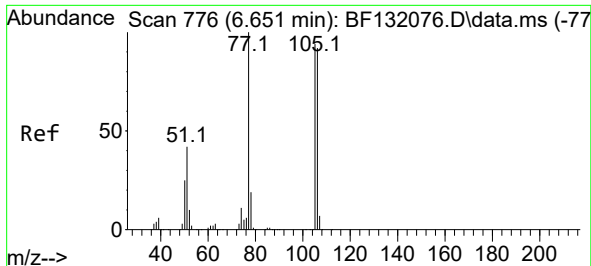


#8
2-Chlorophenol
Concen: 51.762 ng
RT: 6.881 min Scan# 815
Delta R.T. 0.000 min
Lab File: BF132088.D
Acq: 17 Jan 2023 01:20

Tgt Ion:128 Resp: 691991

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.3	52.3
64	44.8	25.4	65.4

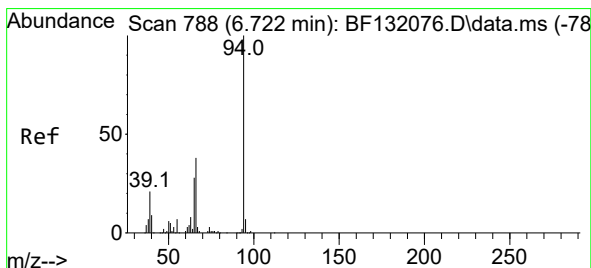
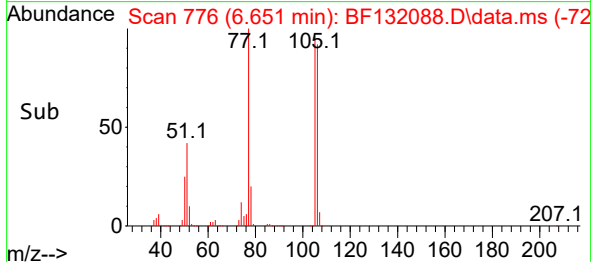
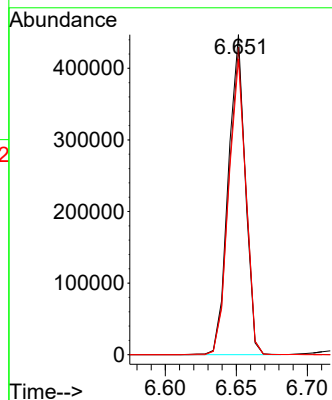
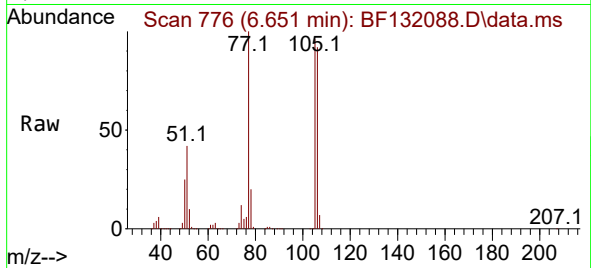




#9
Benzaldehyde
Concen: 31.814 ng
RT: 6.651 min Scan# 776
Delta R.T. 0.000 min
Lab File: BF132088.D
Acq: 17 Jan 2023 01:20

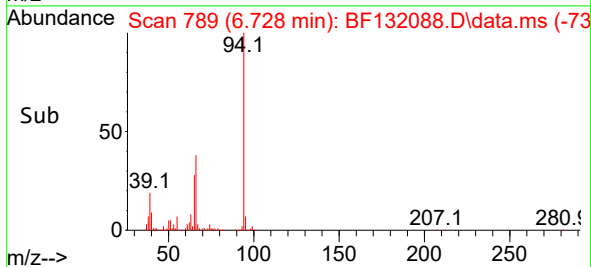
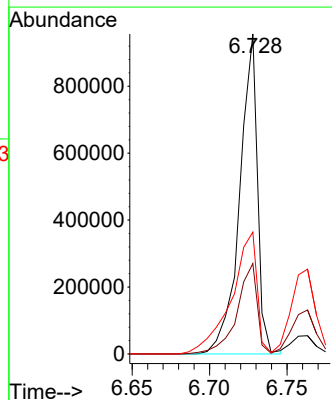
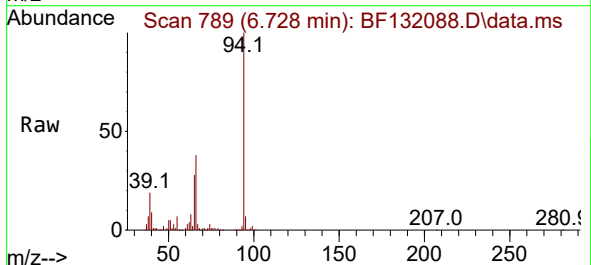
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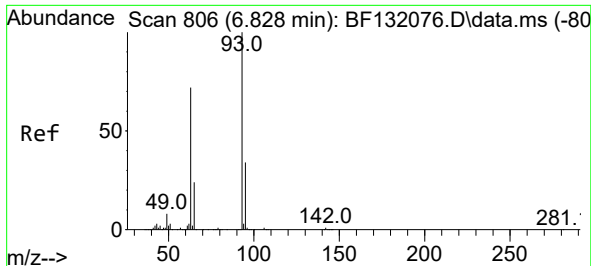
Tgt Ion: 77 Resp: 368947
Ion Ratio Lower Upper
77 100
105 96.0 74.3 114.3
106 92.5 71.9 111.9



#10
Phenol
Concen: 45.120 ng
RT: 6.728 min Scan# 789
Delta R.T. 0.006 min
Lab File: BF132088.D
Acq: 17 Jan 2023 01:20

Tgt Ion: 94 Resp: 764677
Ion Ratio Lower Upper
94 100
65 28.2 8.6 48.6
66 38.1 18.5 58.5

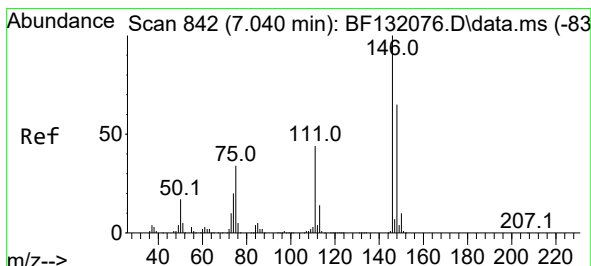
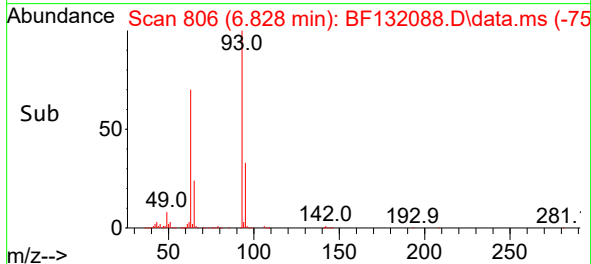
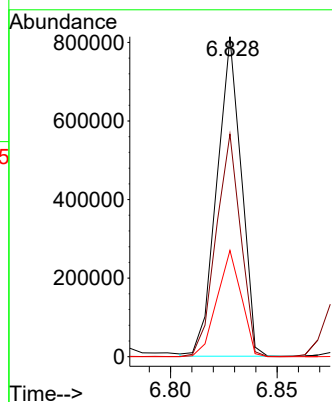
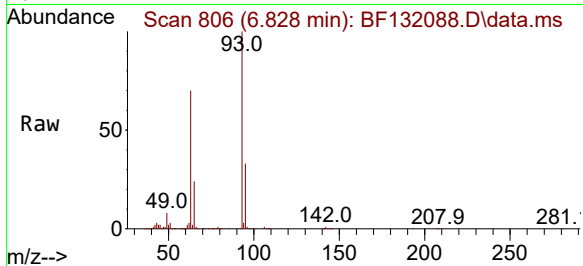




#11
bis(2-Chloroethyl)ether
Concen: 44.509 ng
RT: 6.828 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF132088.D
Acq: 17 Jan 2023 01:20

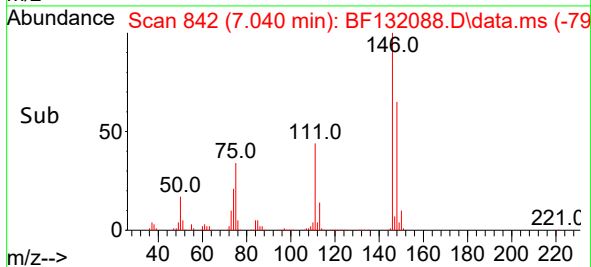
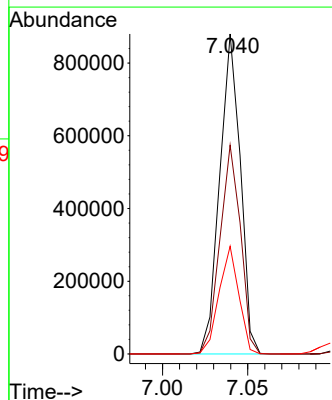
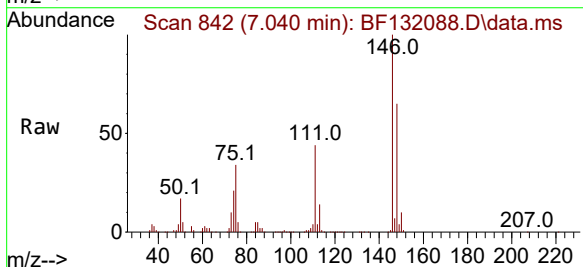
Instrument :
BNA_F
ClientSampleId :
PB150209BS

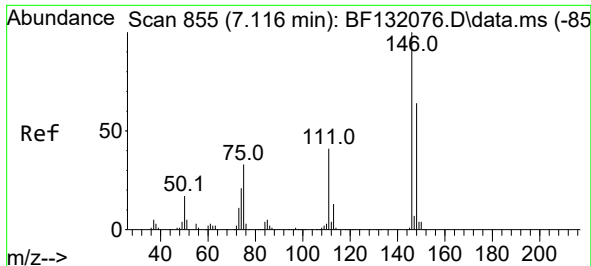
Tgt Ion: 93 Resp: 648825
Ion Ratio Lower Upper
93 100
63 69.6 51.3 91.3
95 33.2 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 46.206 ng
RT: 7.040 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF132088.D
Acq: 17 Jan 2023 01:20

Tgt Ion: 146 Resp: 740910
Ion Ratio Lower Upper
146 100
148 65.2 51.7 77.5
75 33.7 27.0 40.4

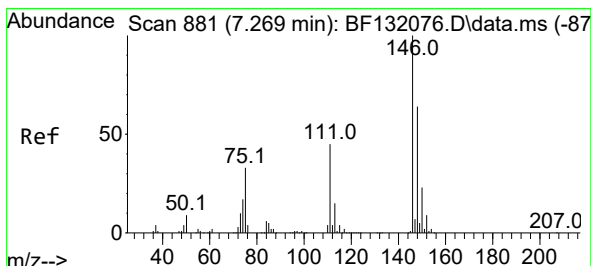
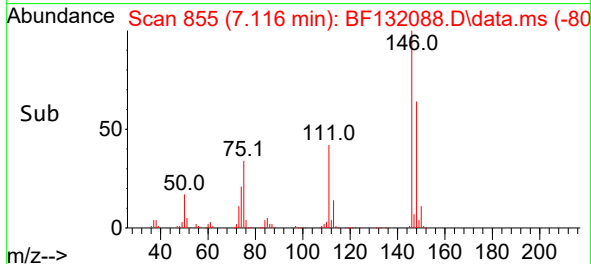
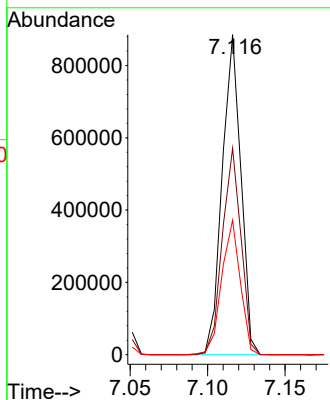
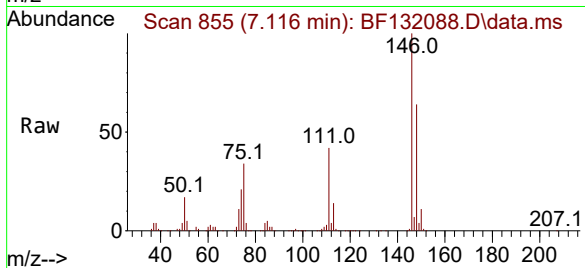




#13
1,4-Dichlorobenzene
Concen: 46.026 ng
RT: 7.116 min Scan# 855
Delta R.T. 0.000 min
Lab File: BF132088.D
Acq: 17 Jan 2023 01:20

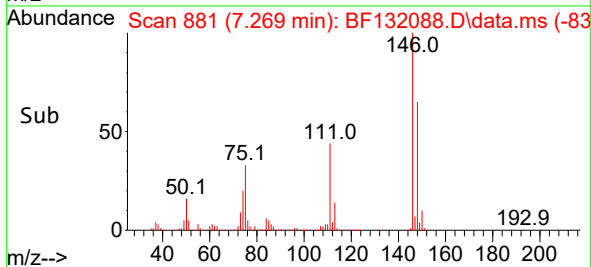
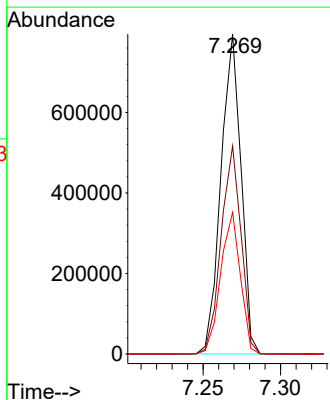
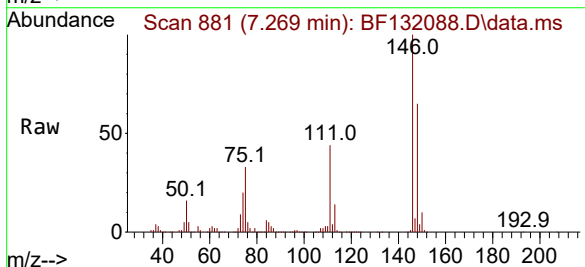
Instrument :
BNA_F
ClientSampleId :
PB150209BS

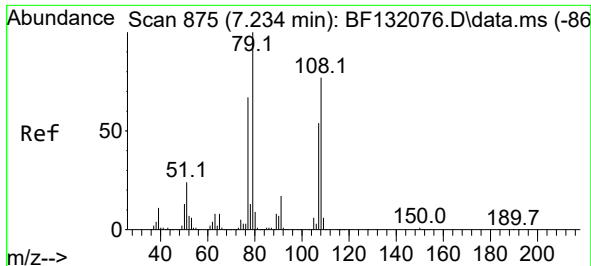
Tgt Ion:146 Resp: 742073
Ion Ratio Lower Upper
146 100
148 64.5 51.0 76.6
111 42.0 33.0 49.6



#14
1,2-Dichlorobenzene
Concen: 48.501 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF132088.D
Acq: 17 Jan 2023 01:20

Tgt Ion:146 Resp: 715448
Ion Ratio Lower Upper
146 100
148 65.0 51.3 76.9
111 44.3 35.6 53.4





#15

Benzyl Alcohol

Concen: 49.328 ng

RT: 7.234 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF132088.D

Acq: 17 Jan 2023 01:20

Instrument :

BNA_F

ClientSampleId :

PB150209BS

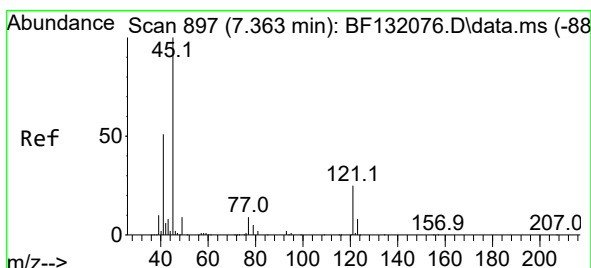
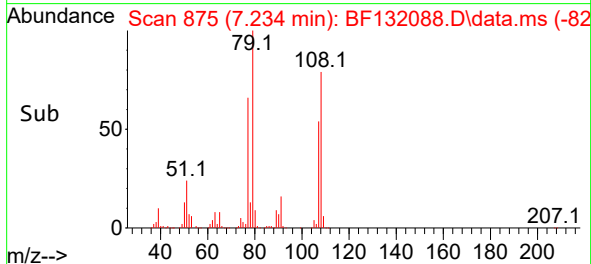
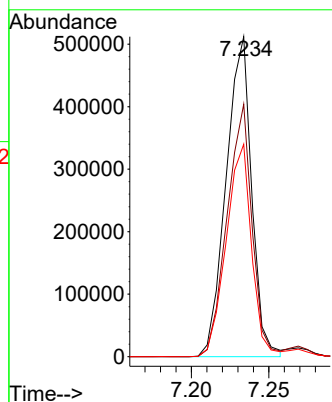
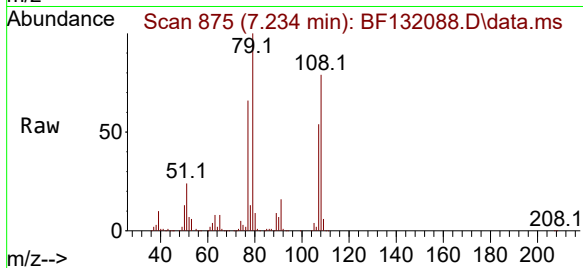
Tgt Ion: 79 Resp: 586602

Ion Ratio Lower Upper

79 100

108 78.9 61.4 92.0

77 66.4 53.2 79.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.265 ng

RT: 7.363 min Scan# 897

Delta R.T. 0.000 min

Lab File: BF132088.D

Acq: 17 Jan 2023 01:20

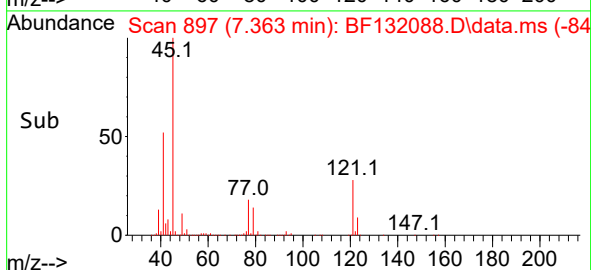
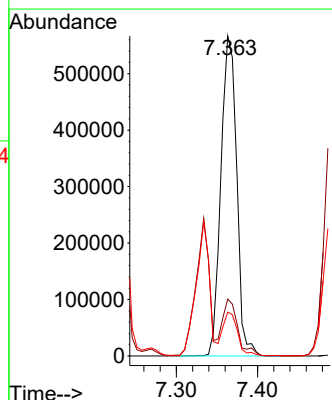
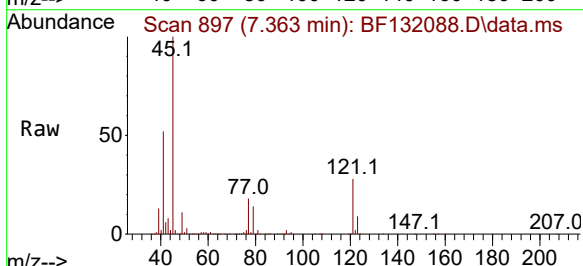
Tgt Ion: 45 Resp: 767060

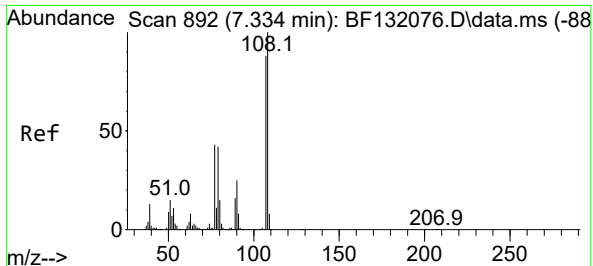
Ion Ratio Lower Upper

45 100

77 17.7 0.0 36.8

79 13.7 0.0 32.8

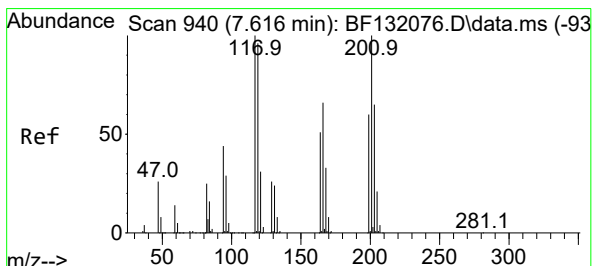
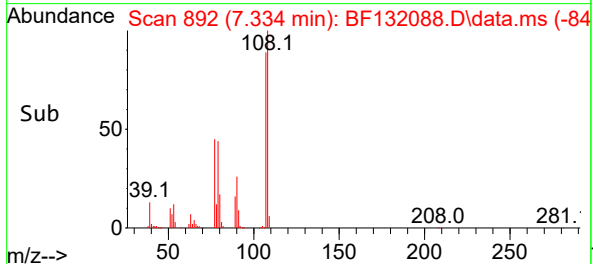
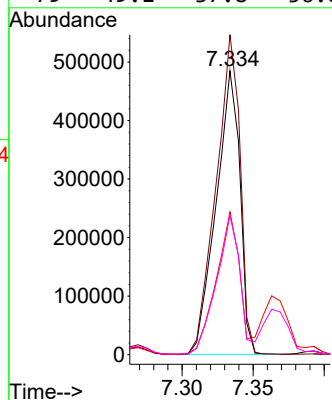
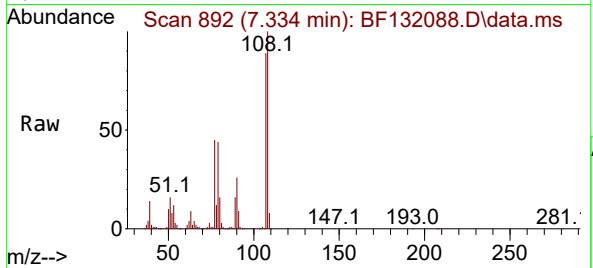




#17
2-Methylphenol
Concen: 45.628 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF132088.D
Acq: 17 Jan 2023 01:20

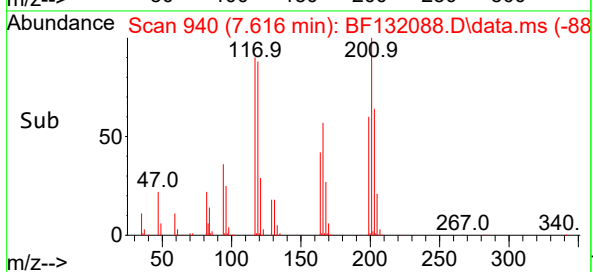
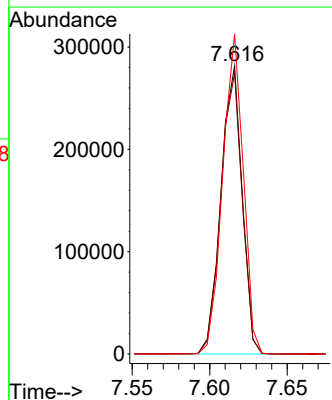
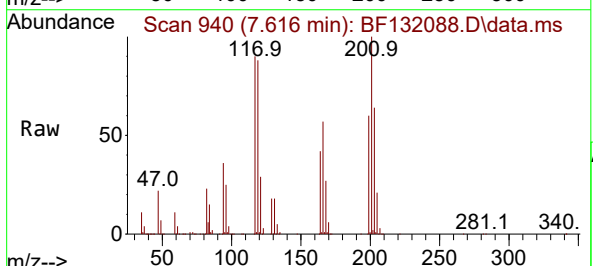
Instrument :
BNA_F
ClientSampleId :
PB150209BS

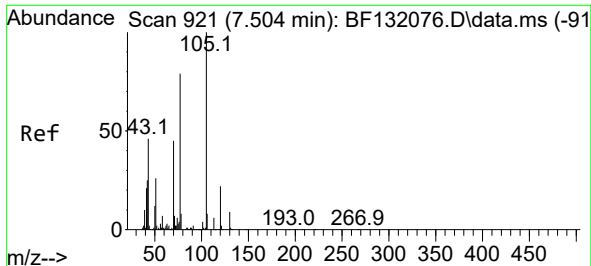
Tgt Ion:107 Resp: 562652
Ion Ratio Lower Upper
107 100
108 112.8 90.5 135.7
77 50.3 39.1 58.7
79 49.1 37.8 56.8



#18
Hexachloroethane
Concen: 54.625 ng
RT: 7.616 min Scan# 940
Delta R.T. 0.000 min
Lab File: BF132088.D
Acq: 17 Jan 2023 01:20

Tgt Ion:117 Resp: 268617
Ion Ratio Lower Upper
117 100
119 97.5 76.9 115.3
201 111.1 80.2 120.4



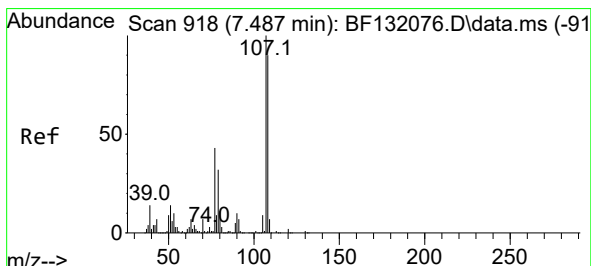
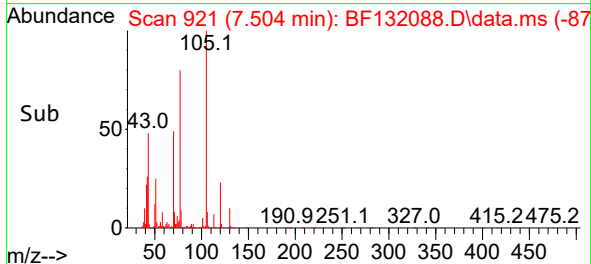
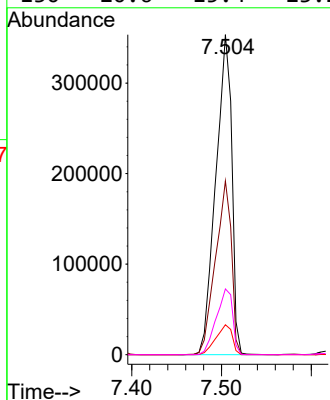
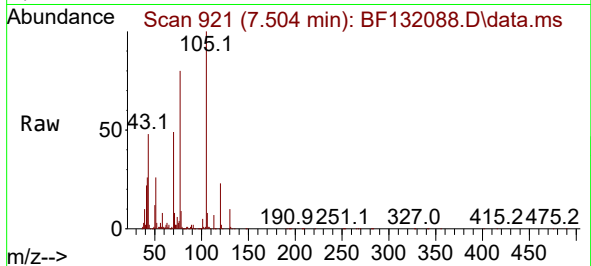


#19
n-Nitroso-di-n-propylamine
Concen: 47.097 ng
RT: 7.504 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132088.D
Acq: 17 Jan 2023 01:20

Instrument :
BNA_F
ClientSampleId :
PB150209BS

Tgt Ion: 70 Resp: 437125

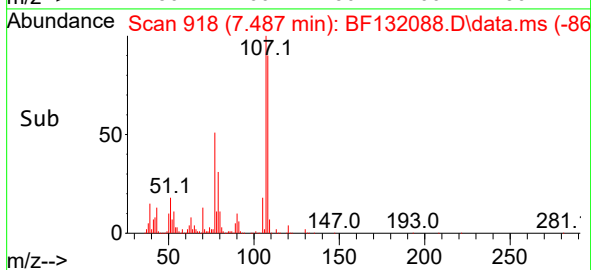
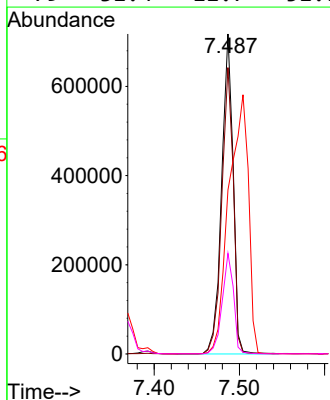
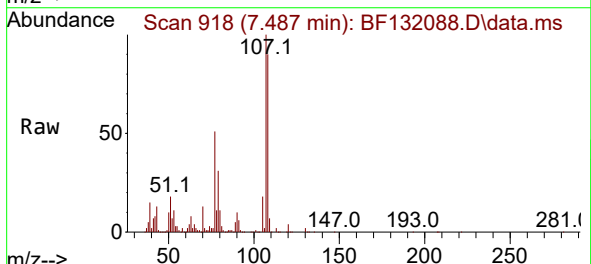
Ion	Ratio	Lower	Upper
70	100		
42	54.3	44.2	66.4
101	9.4	7.4	11.0
130	20.6	15.4	23.2

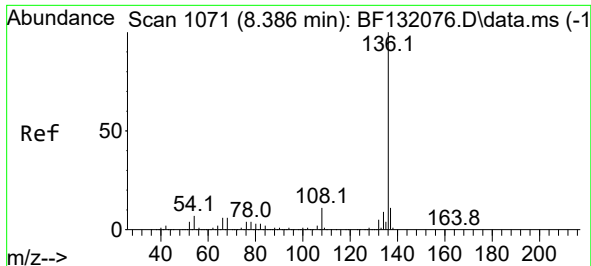


#20
3+4-Methylphenols
Concen: 43.969 ng
RT: 7.487 min Scan# 918
Delta R.T. 0.000 min
Lab File: BF132088.D
Acq: 17 Jan 2023 01:20

Tgt Ion: 107 Resp: 670692

Ion	Ratio	Lower	Upper
107	100		
108	89.5	69.6	109.6
77	51.3	23.0	63.0
79	31.4	11.7	51.7

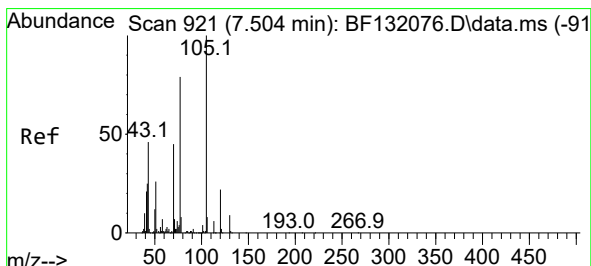
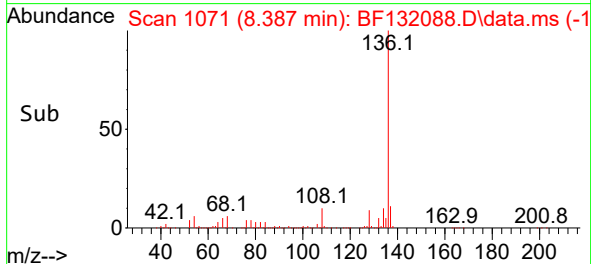
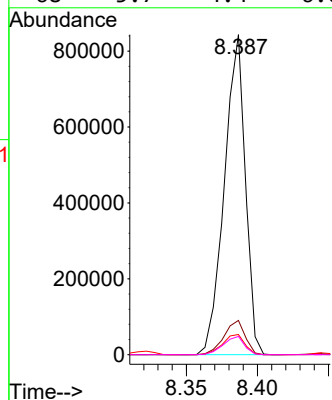
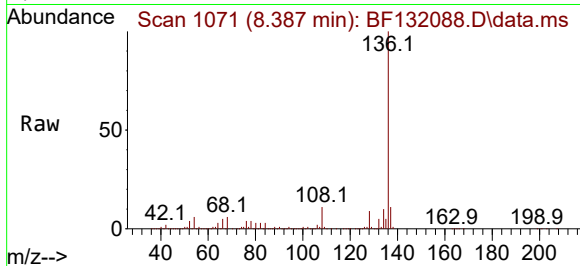




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.387 min Scan# 1071
Delta R.T. 0.000 min
Lab File: BF132088.D
Acq: 17 Jan 2023 01:20

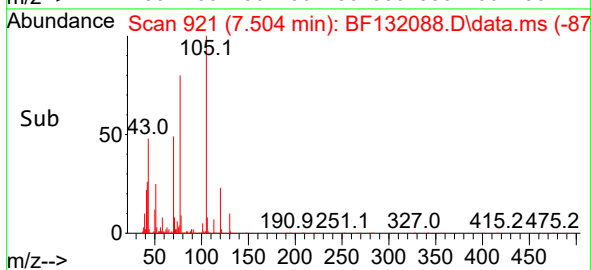
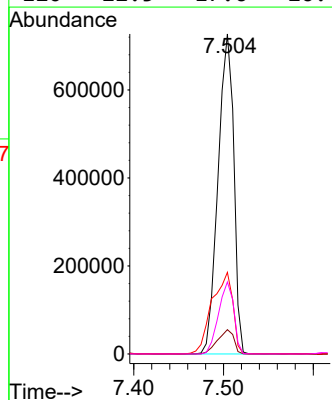
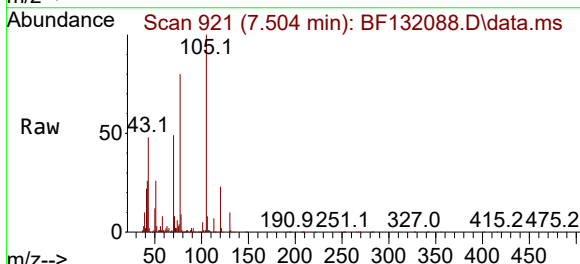
Instrument :
BNA_F
ClientSampleId :
PB150209BS

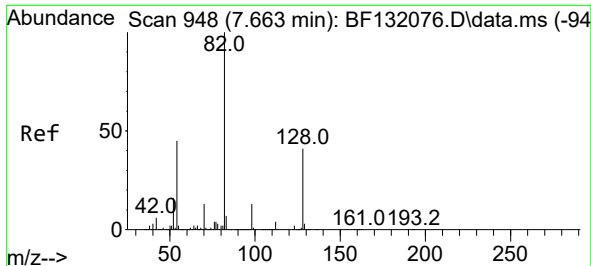
Tgt Ion:136 Resp: 867037
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 6.3 5.3 7.9
68 5.7 4.4 6.6



#22
Acetophenone
Concen: 43.803 ng
RT: 7.504 min Scan# 921
Delta R.T. 0.000 min
Lab File: BF132088.D
Acq: 17 Jan 2023 01:20

Tgt Ion:105 Resp: 883844
Ion Ratio Lower Upper
105 100
71 7.6 5.8 8.8
51 25.5 21.1 31.7
120 22.5 17.6 26.4

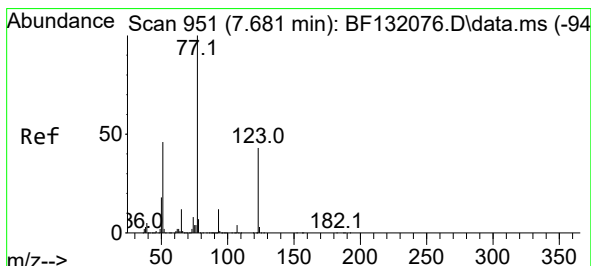
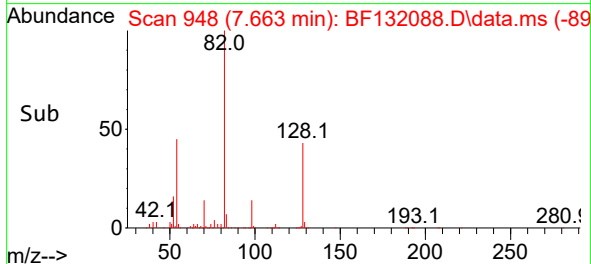
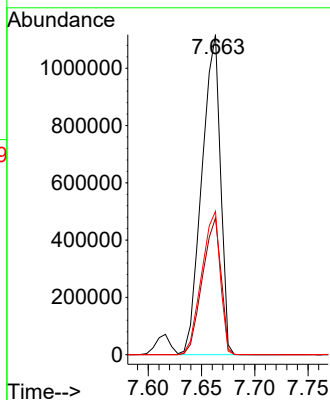
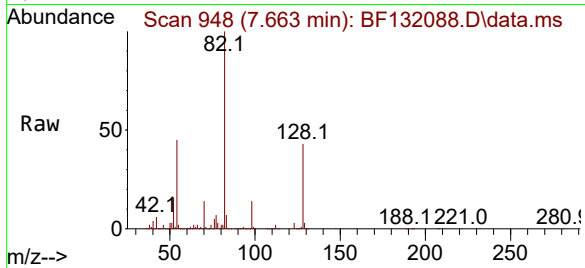




#23
 Nitrobenzene-d5
 Concen: 107.120 ng
 RT: 7.663 min Scan# 948
 Delta R.T. 0.000 min
 Lab File: BF132088.D
 Acq: 17 Jan 2023 01:20

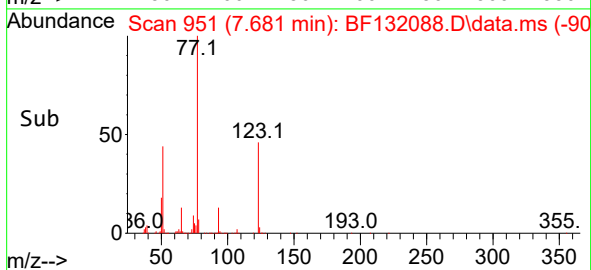
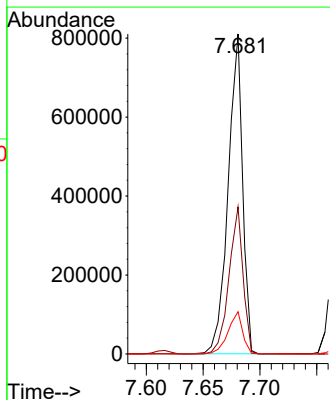
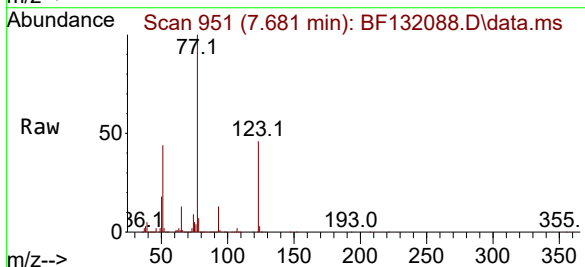
Instrument :
 BNA_F
 ClientSampleId :
 PB150209BS

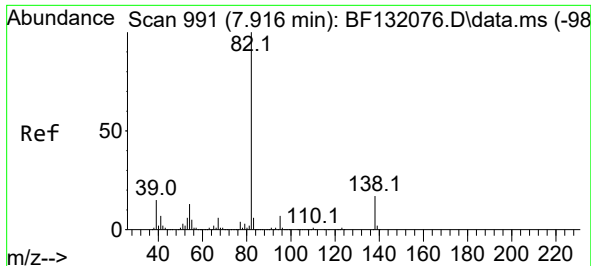
Tgt Ion: 82 Resp: 1356937
 Ion Ratio Lower Upper
 82 100
 128 42.7 32.6 48.8
 54 44.8 36.0 54.0



#24
 Nitrobenzene
 Concen: 52.219 ng
 RT: 7.681 min Scan# 951
 Delta R.T. 0.000 min
 Lab File: BF132088.D
 Acq: 17 Jan 2023 01:20

Tgt Ion: 77 Resp: 717926
 Ion Ratio Lower Upper
 77 100
 123 45.9 34.2 51.4
 65 13.2 10.0 15.0

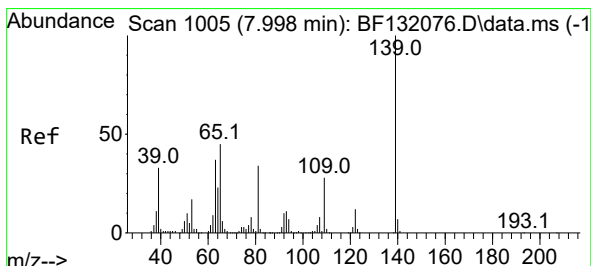
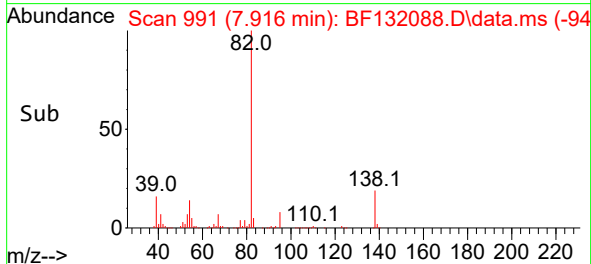
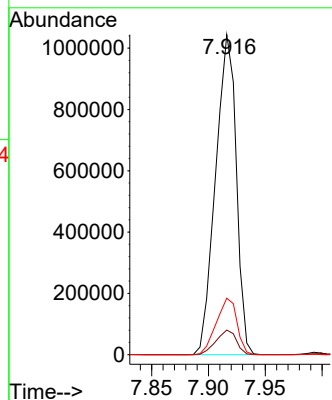
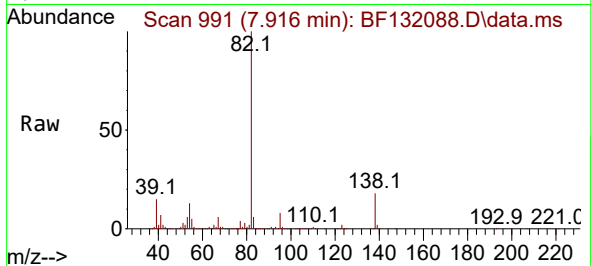




#25
Isophorone
Concen: 44.559 ng
RT: 7.916 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF132088.D
Acq: 17 Jan 2023 01:20

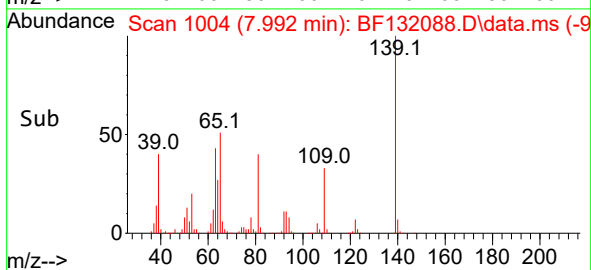
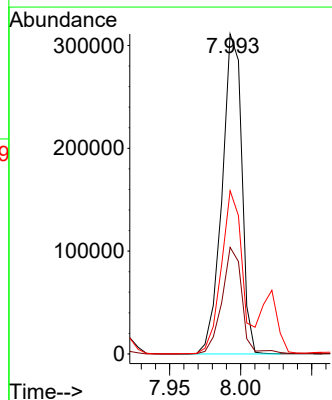
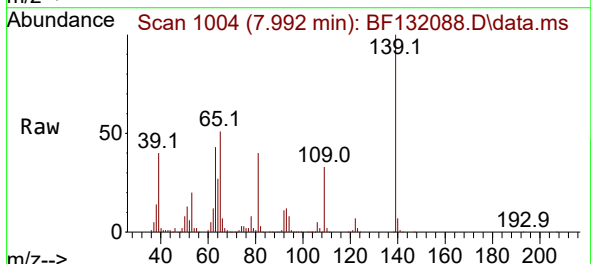
Instrument :
BNA_F
ClientSampleId :
PB150209BS

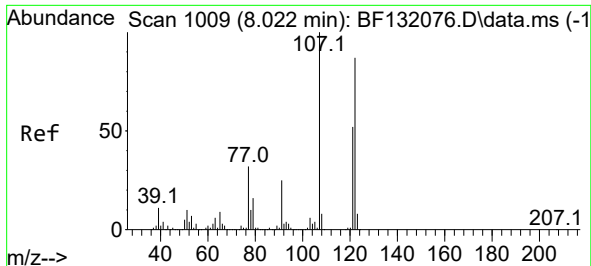
Tgt Ion: 82 Resp: 1325237
Ion Ratio Lower Upper
82 100
95 7.7 5.9 8.9
138 17.6 13.4 20.0



#26
2-Nitrophenol
Concen: 58.114 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF132088.D
Acq: 17 Jan 2023 01:20

Tgt Ion: 139 Resp: 300285
Ion Ratio Lower Upper
139 100
109 33.3 22.2 33.2#
65 51.0 36.1 54.1





#27

2,4-Dimethylphenol

Concen: 48.608 ng

RT: 8.022 min Scan# 1009

Delta R.T. 0.000 min

Lab File: BF132088.D

Acq: 17 Jan 2023 01:20

Instrument :

BNA_F

ClientSampleId :

PB150209BS

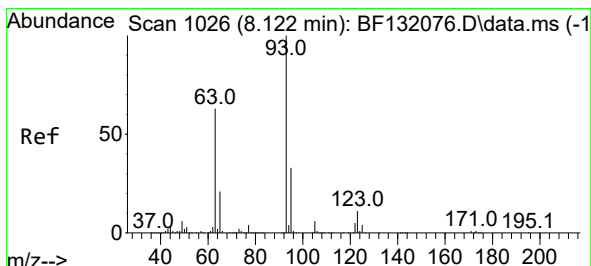
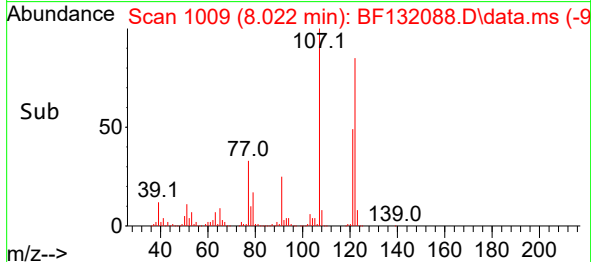
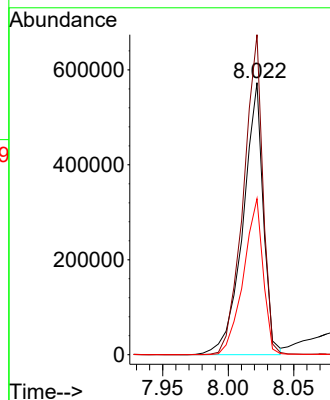
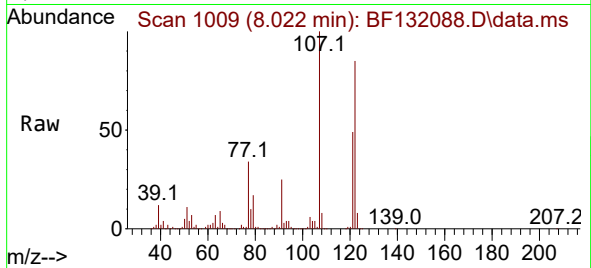
Tgt Ion:122 Resp: 617651

Ion Ratio Lower Upper

122 100

107 117.6 92.3 138.5

121 57.3 47.8 71.8



#28

bis(2-Chloroethoxy)methane

Concen: 43.933 ng

RT: 8.122 min Scan# 1026

Delta R.T. 0.000 min

Lab File: BF132088.D

Acq: 17 Jan 2023 01:20

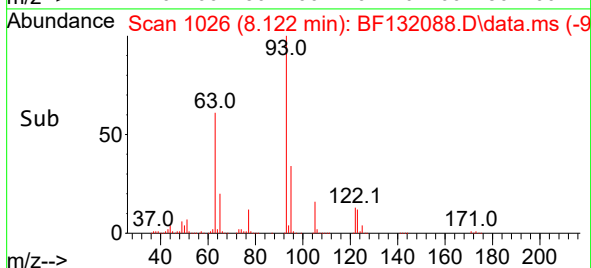
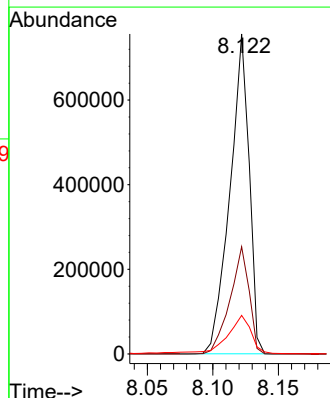
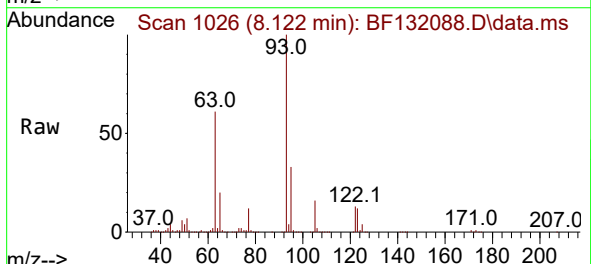
Tgt Ion: 93 Resp: 769506

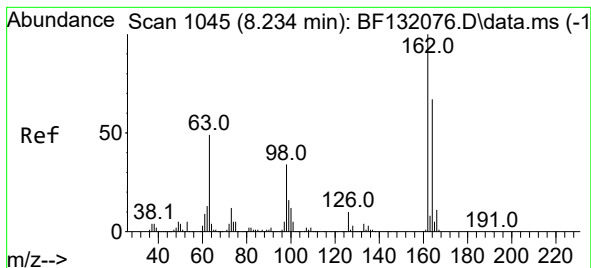
Ion Ratio Lower Upper

93 100

95 33.5 26.0 39.0

123 12.1 9.3 13.9





#29

2,4-Dichlorophenol

Concen: 50.174 ng

RT: 8.234 min Scan# 1045

Delta R.T. 0.000 min

Lab File: BF132088.D

Acq: 17 Jan 2023 01:20

Instrument :

BNA_F

ClientSampleId :

PB150209BS

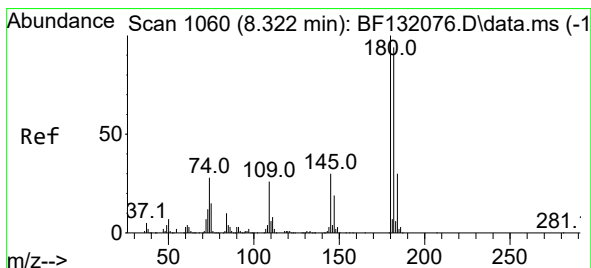
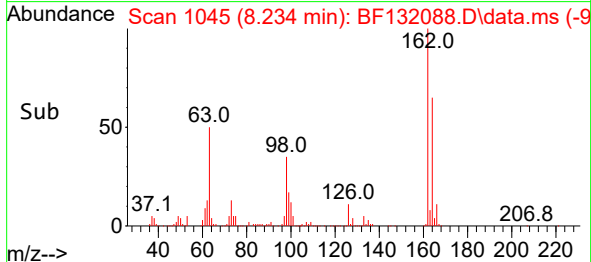
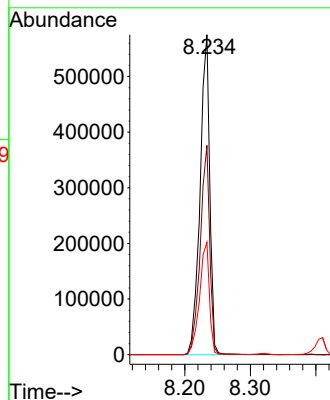
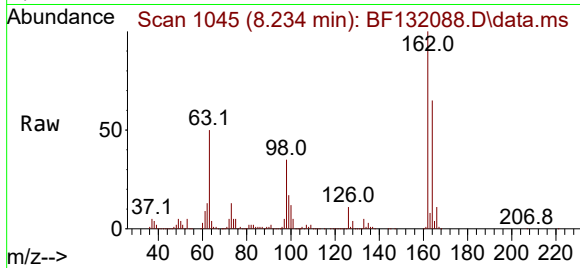
Tgt Ion:162 Resp: 593165

Ion Ratio Lower Upper

162 100

164 65.4 46.8 86.8

98 35.1 14.1 54.1



#30

1,2,4-Trichlorobenzene

Concen: 46.465 ng

RT: 8.322 min Scan# 1060

Delta R.T. 0.000 min

Lab File: BF132088.D

Acq: 17 Jan 2023 01:20

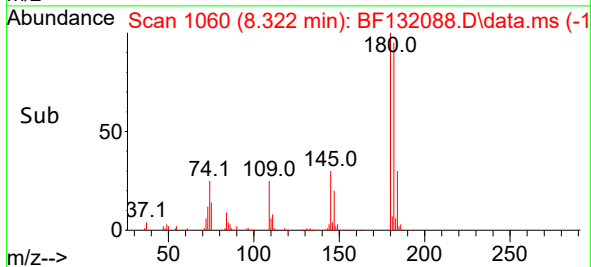
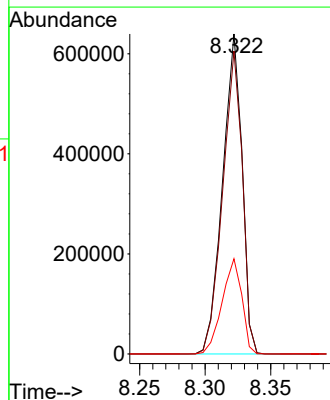
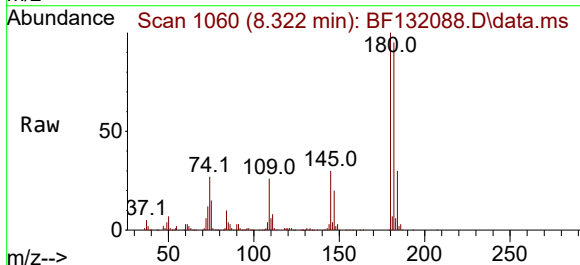
Tgt Ion:180 Resp: 660122

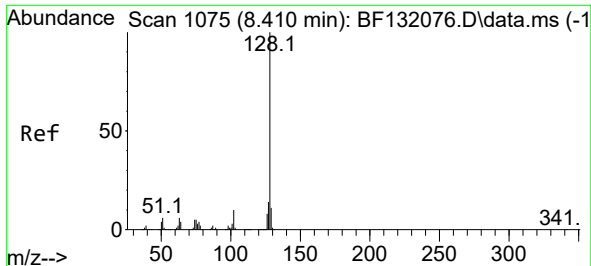
Ion Ratio Lower Upper

180 100

182 94.7 75.1 112.7

145 29.8 23.8 35.8

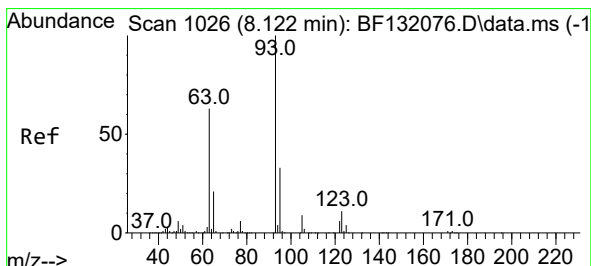
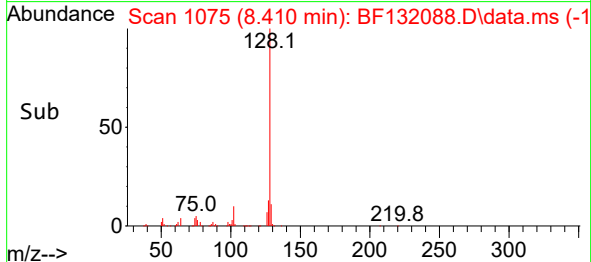
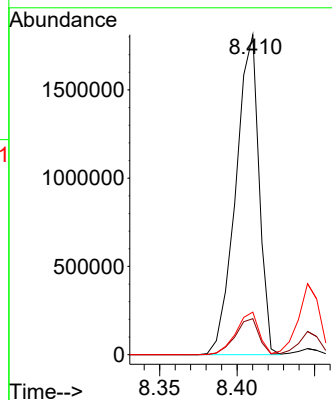
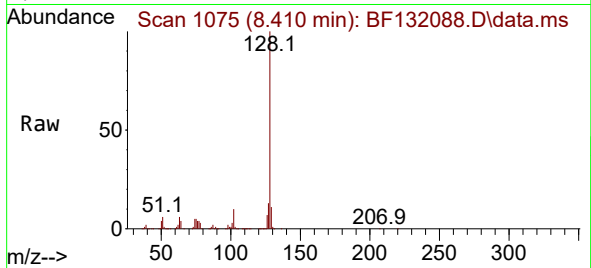




#31
Naphthalene
Concen: 43.429 ng
RT: 8.410 min Scan# 1075
Delta R.T. 0.000 min
Lab File: BF132088.D
Acq: 17 Jan 2023 01:20

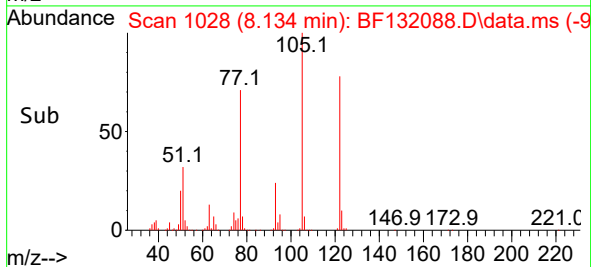
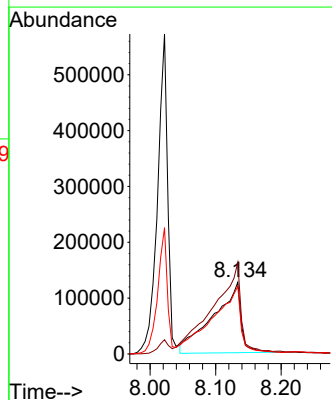
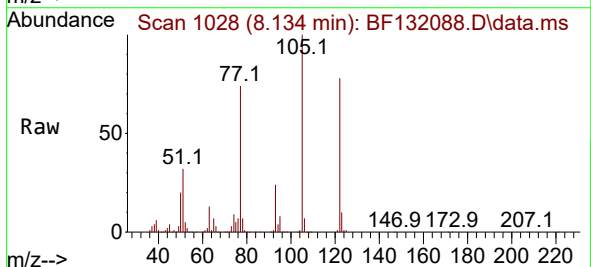
Instrument :
BNA_F
ClientSampleId :
PB150209BS

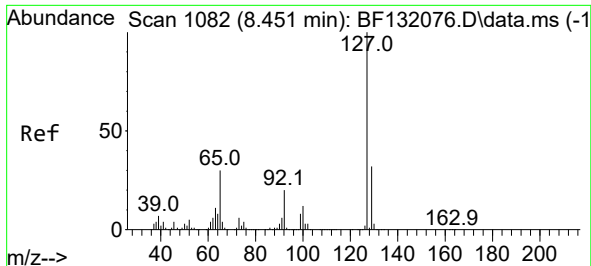
Tgt Ion:128 Resp: 1892661
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 13.3 10.9 16.3



#32
Benzoic acid
Concen: 57.673 ng
RT: 8.134 min Scan# 1028
Delta R.T. 0.012 min
Lab File: BF132088.D
Acq: 17 Jan 2023 01:20

Tgt Ion:122 Resp: 373199
Ion Ratio Lower Upper
122 100
105 127.8 105.1 145.1
77 94.5 74.0 114.0

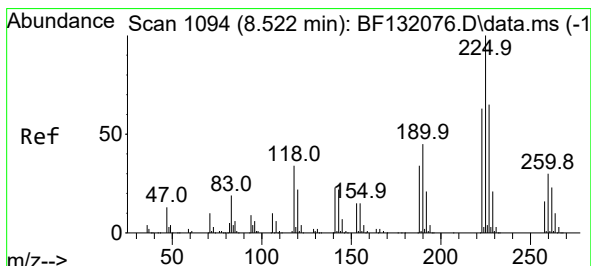
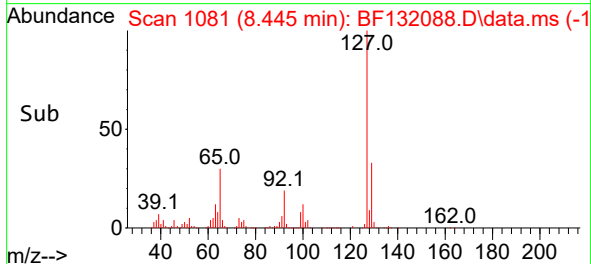
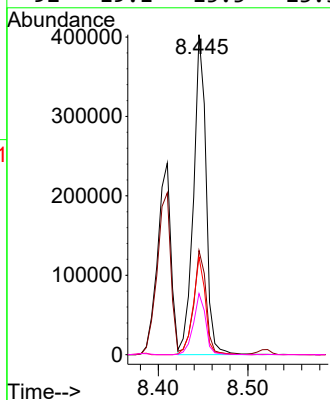
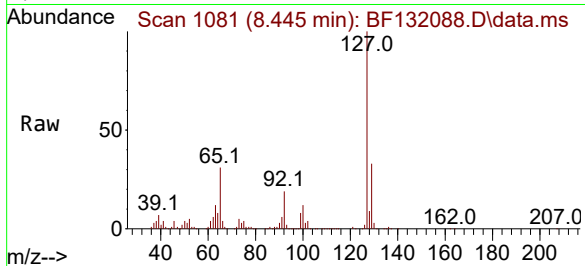




#33
4-Chloroaniline
Concen: 21.203 ng
RT: 8.445 min Scan# 1082
Delta R.T. -0.006 min
Lab File: BF132088.D
Acq: 17 Jan 2023 01:20

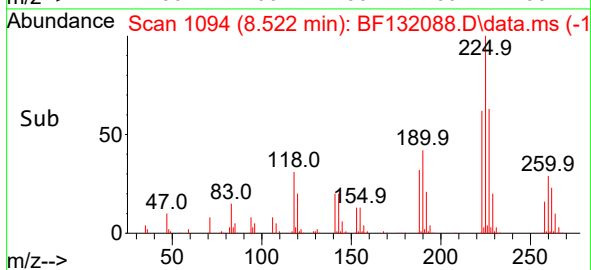
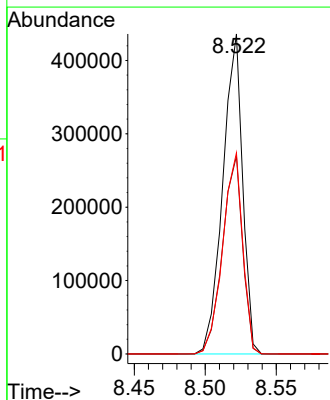
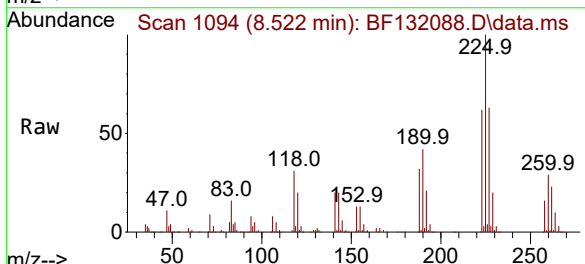
Instrument :
BNA_F
ClientSampleId :
PB150209BS

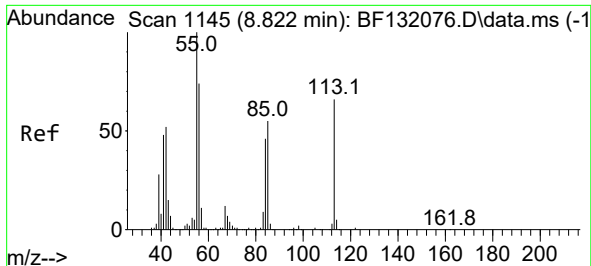
Tgt Ion:127	Resp: 390725
Ion Ratio	Lower Upper
127 100	
129 32.5	26.3 39.5
65 30.5	24.2 36.2
92 19.1	15.5 23.3



#34
Hexachlorobutadiene
Concen: 47.243 ng
RT: 8.522 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BF132088.D
Acq: 17 Jan 2023 01:20

Tgt Ion:225	Resp: 421627
Ion Ratio	Lower Upper
225 100	
223 61.9	50.4 75.6
227 62.9	52.1 78.1

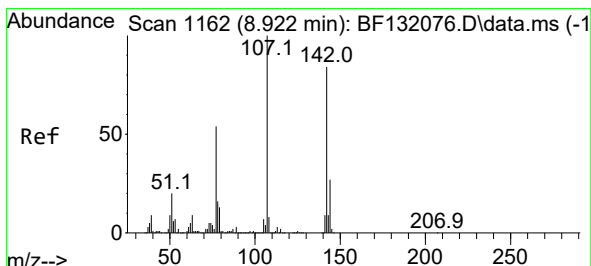
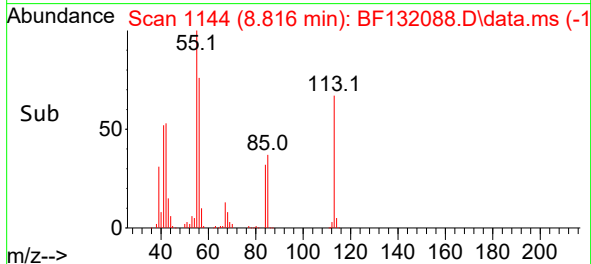
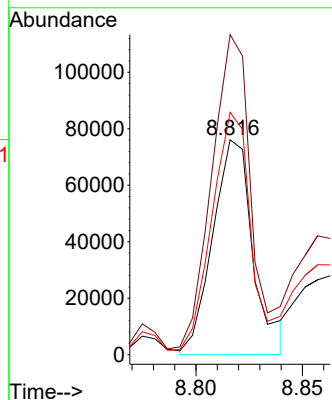
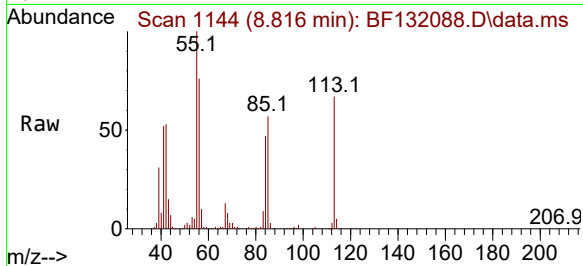




#35
Caprolactam
Concen: 30.018 ng
RT: 8.816 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF132088.D
Acq: 17 Jan 2023 01:20

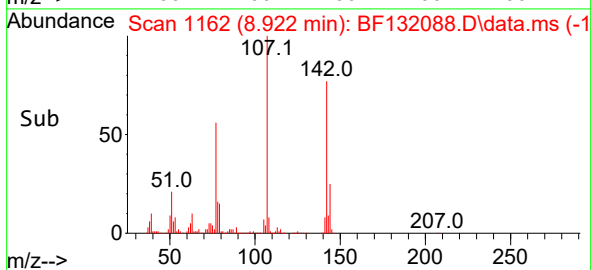
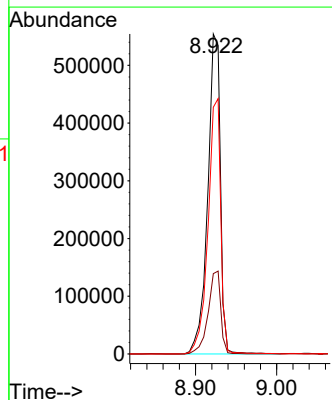
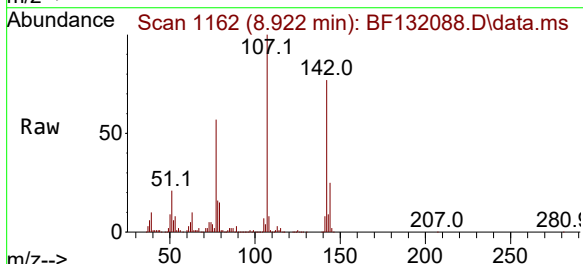
Instrument :
BNA_F
ClientSampleId :
PB150209BS

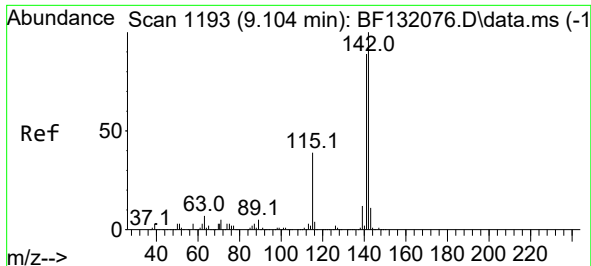
Tgt Ion:113 Resp: 99779
Ion Ratio Lower Upper
113 100
55 148.9 133.1 173.1
56 112.7 94.2 134.2



#36
4-Chloro-3-methylphenol
Concen: 48.722 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF132088.D
Acq: 17 Jan 2023 01:20

Tgt Ion:107 Resp: 600075
Ion Ratio Lower Upper
107 100
144 25.1 21.7 32.5
142 77.1 67.0 100.6

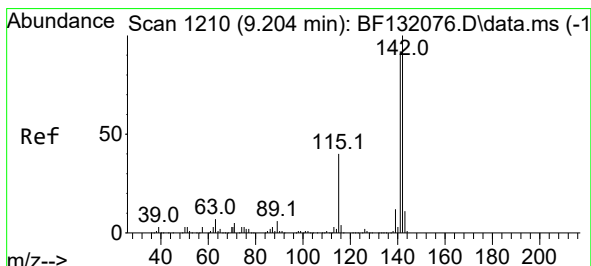
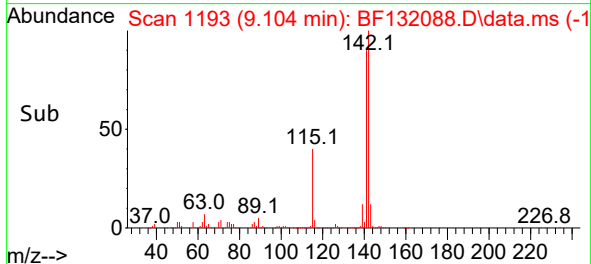
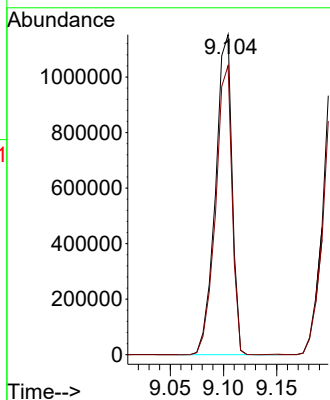
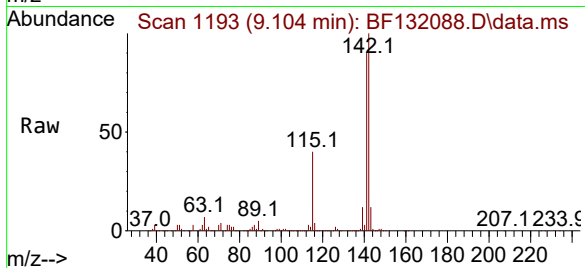




#37
2-Methylnaphthalene
Concen: 41.571 ng
RT: 9.104 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF132088.D
Acq: 17 Jan 2023 01:20

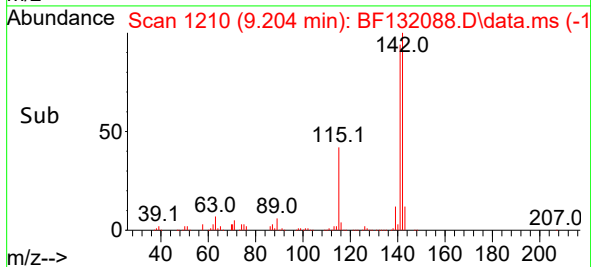
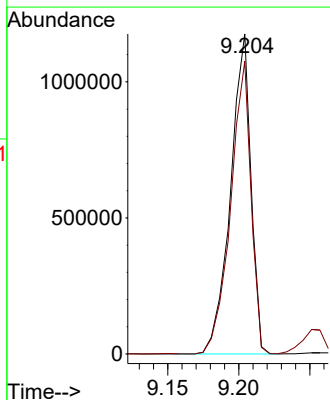
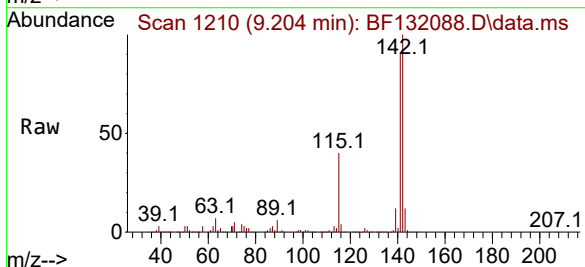
Instrument :
BNA_F
ClientSampleId :
PB150209BS

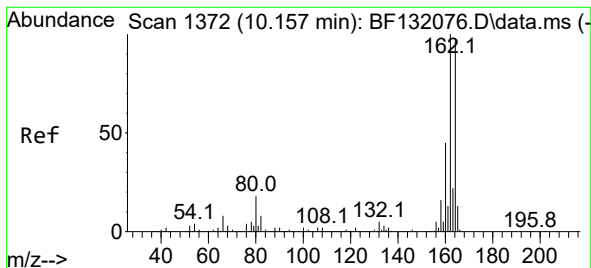
Tgt Ion:142 Resp: 1244278
Ion Ratio Lower Upper
142 100
141 90.3 71.0 106.4



#38
1-Methylnaphthalene
Concen: 42.416 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.000 min
Lab File: BF132088.D
Acq: 17 Jan 2023 01:20

Tgt Ion:142 Resp: 1176584
Ion Ratio Lower Upper
142 100
141 91.5 73.8 110.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.151 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF132088.D

Acq: 17 Jan 2023 01:20

Instrument :

BNA_F

ClientSampleId :

PB150209BS

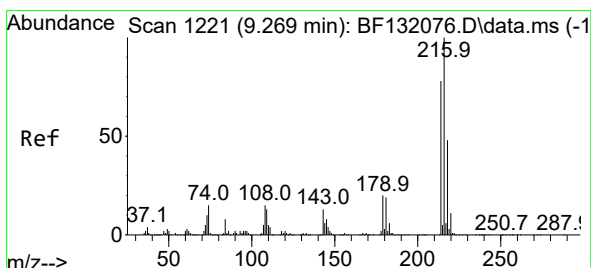
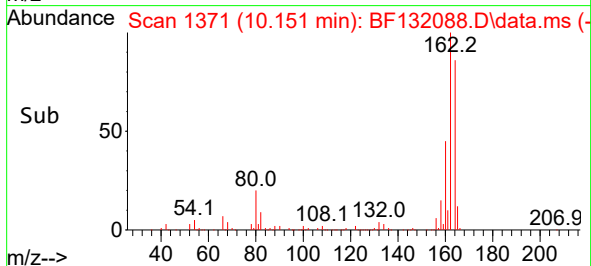
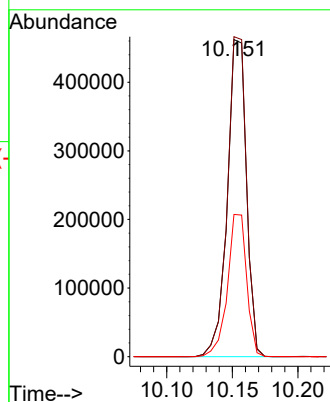
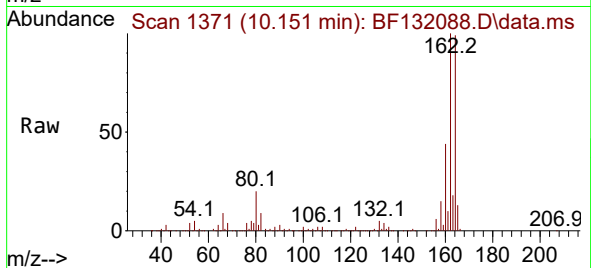
Tgt Ion:164 Resp: 469491

Ion Ratio Lower Upper

164 100

162 100.9 81.5 122.3

160 44.8 36.6 55.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.907 ng

RT: 9.269 min Scan# 1221

Delta R.T. 0.000 min

Lab File: BF132088.D

Acq: 17 Jan 2023 01:20

Tgt Ion:216 Resp: 623833

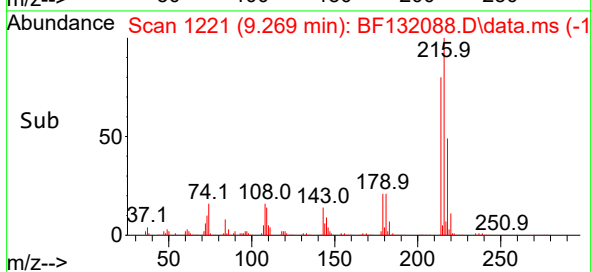
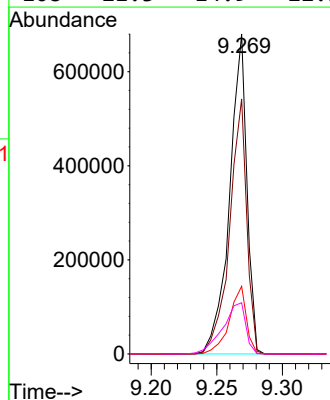
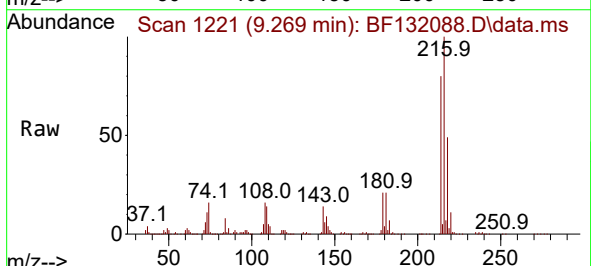
Ion Ratio Lower Upper

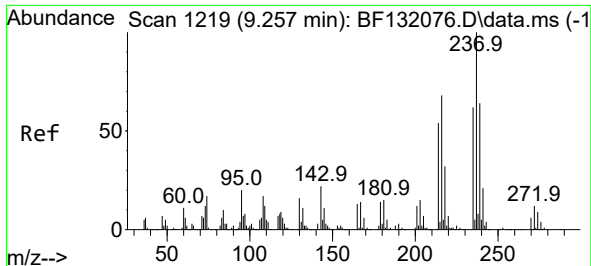
216 100

214 78.7 62.7 94.1

179 20.8 16.0 24.0

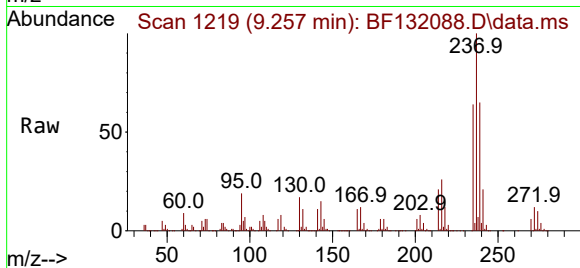
108 21.3 14.9 22.3



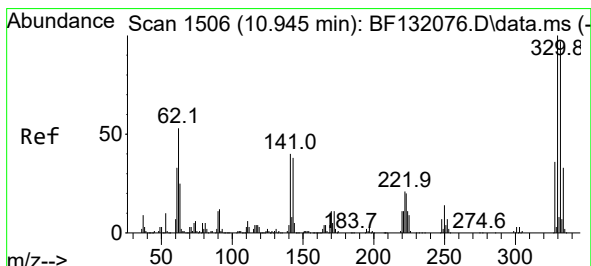
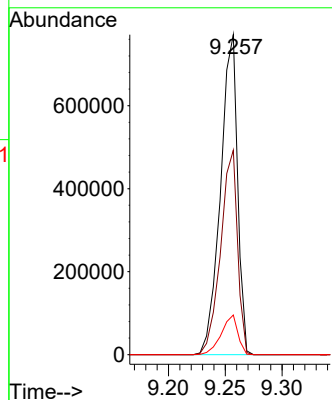
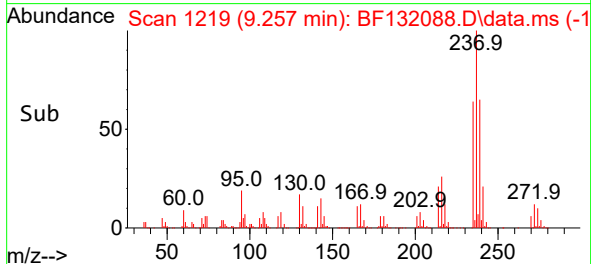


#41
Hexachlorocyclopentadiene
Concen: 104.004 ng
RT: 9.257 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132088.D
Acq: 17 Jan 2023 01:20

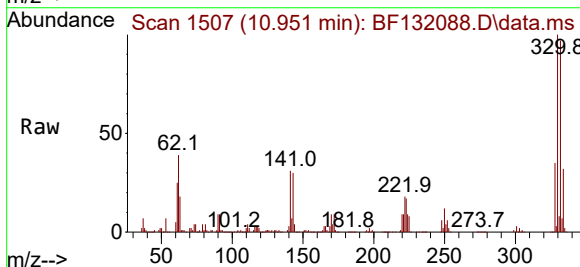
Instrument :
BNA_F
ClientSampleId :
PB150209BS



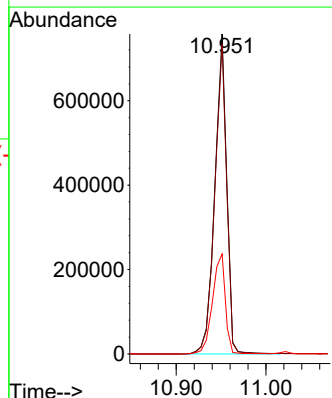
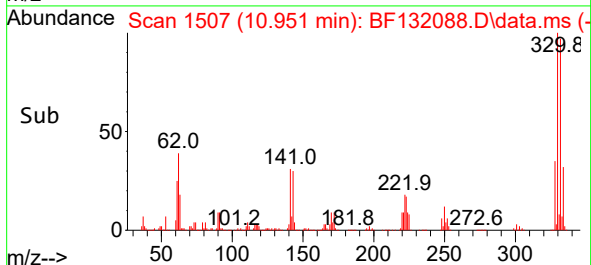
Tgt Ion:237 Resp: 806750
Ion Ratio Lower Upper
237 100
235 63.9 42.5 82.5
272 12.4 0.0 31.9

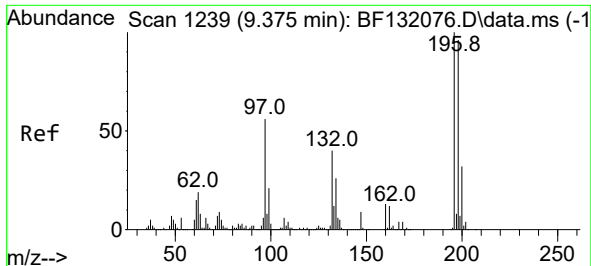


#42
2,4,6-Tribromophenol
Concen: 155.670 ng
RT: 10.951 min Scan# 1507
Delta R.T. 0.006 min
Lab File: BF132088.D
Acq: 17 Jan 2023 01:20



Tgt Ion:330 Resp: 698193
Ion Ratio Lower Upper
330 100
332 97.2 77.9 116.9
141 33.8 29.2 43.8





#43

2,4,6-Trichlorophenol

Concen: 52.896 ng

RT: 9.375 min Scan# 1239

Delta R.T. 0.000 min

Lab File: BF132088.D

Acq: 17 Jan 2023 01:20

Instrument :

BNA_F

ClientSampleId :

PB150209BS

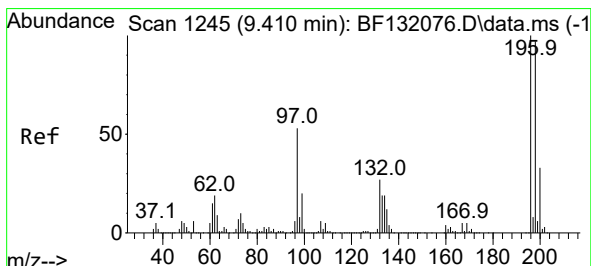
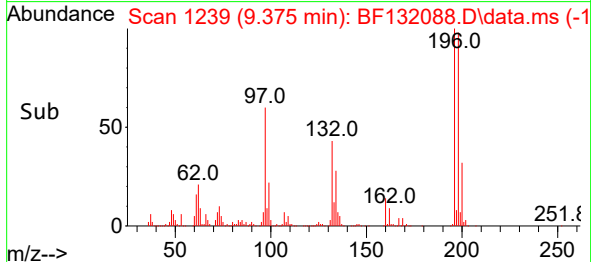
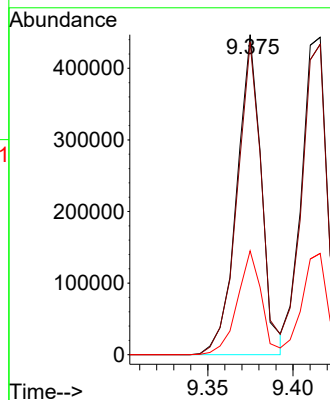
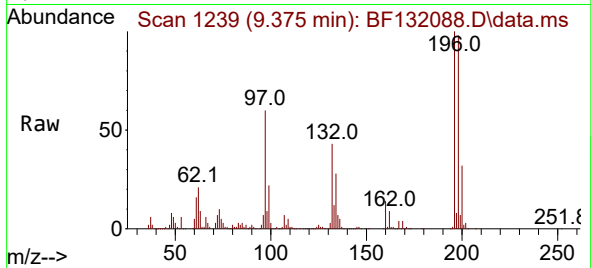
Tgt Ion:196 Resp: 443540

Ion Ratio Lower Upper

196 100

198 97.7 76.8 115.2

200 32.4 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 47.497 ng

RT: 9.416 min Scan# 1246

Delta R.T. 0.006 min

Lab File: BF132088.D

Acq: 17 Jan 2023 01:20

Tgt Ion:196 Resp: 465802

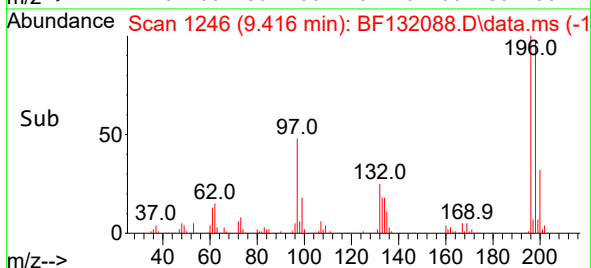
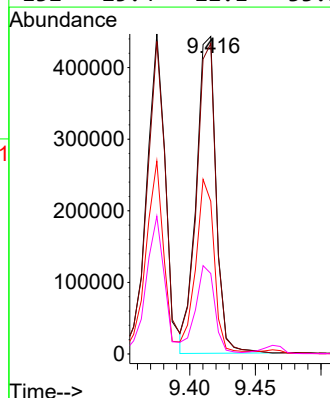
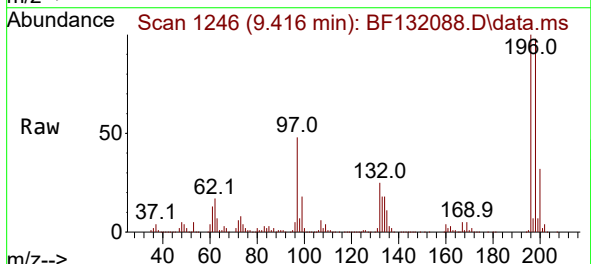
Ion Ratio Lower Upper

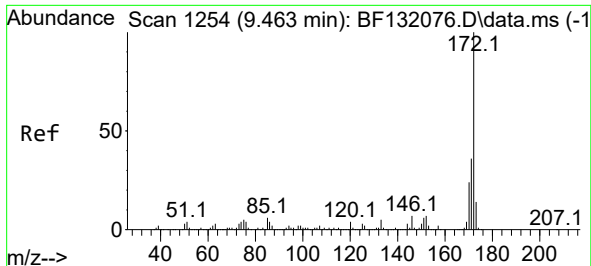
196 100

198 97.8 77.6 116.4

97 48.1 43.0 64.6

132 25.4 22.1 33.1





#45

2-Fluorobiphenyl

Concen: 81.611 ng

RT: 9.463 min Scan# 1254

Delta R.T. 0.000 min

Lab File: BF132088.D

Acq: 17 Jan 2023 01:20

Instrument :

BNA_F

ClientSampleId :

PB150209BS

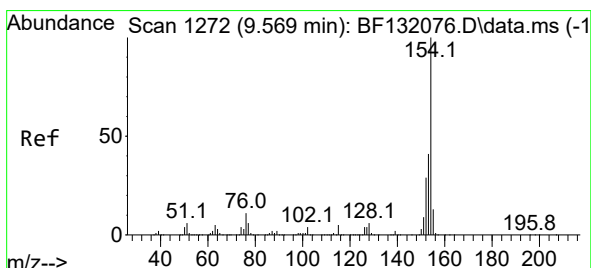
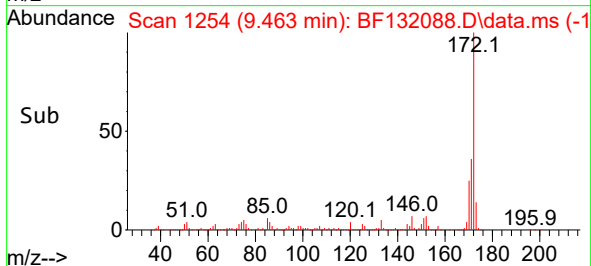
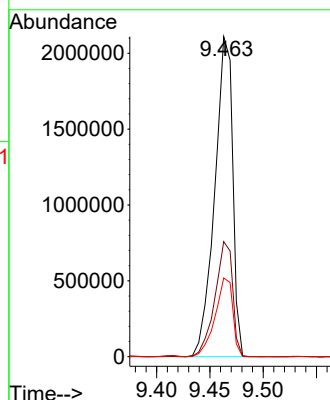
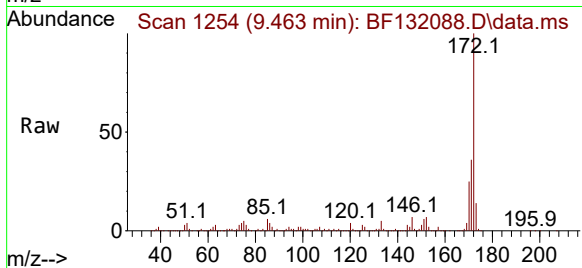
Tgt Ion:172 Resp: 2465116

Ion Ratio Lower Upper

172 100

171 35.9 28.7 43.1

170 24.6 19.5 29.3



#46

1,1'-Biphenyl

Concen: 42.646 ng

RT: 9.569 min Scan# 1272

Delta R.T. 0.000 min

Lab File: BF132088.D

Acq: 17 Jan 2023 01:20

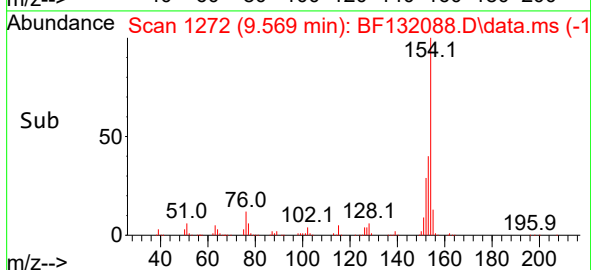
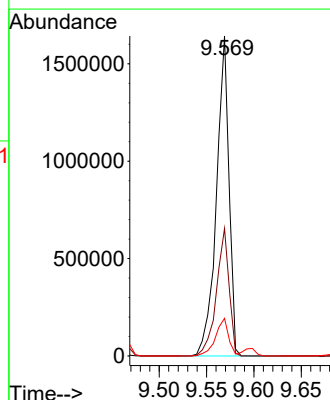
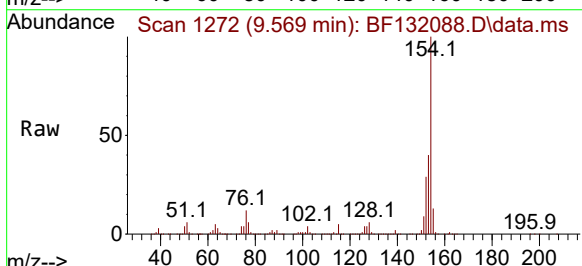
Tgt Ion:154 Resp: 1521369

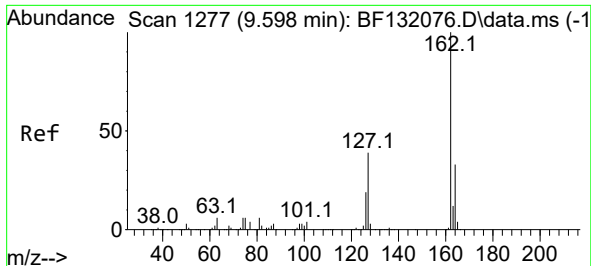
Ion Ratio Lower Upper

154 100

153 39.9 20.5 60.5

76 11.8 0.0 31.2

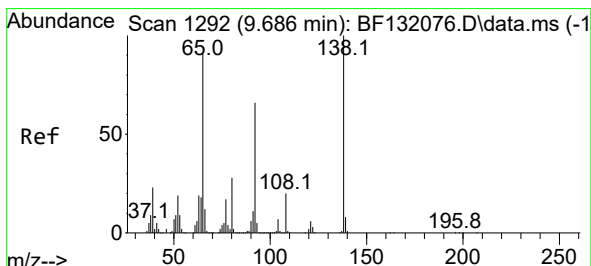
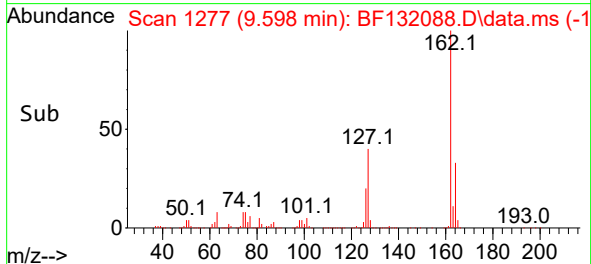
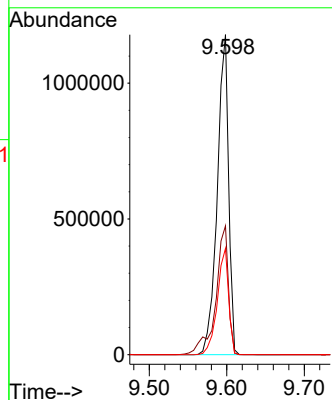
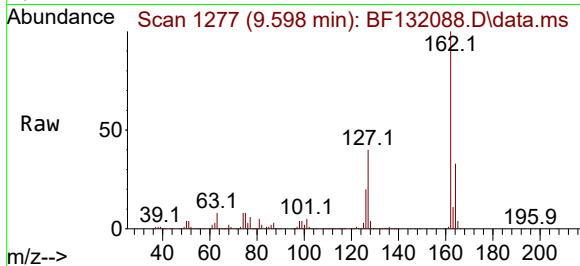




#47
2-Chloronaphthalene
Concen: 43.589 ng
RT: 9.598 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF132088.D
Acq: 17 Jan 2023 01:20

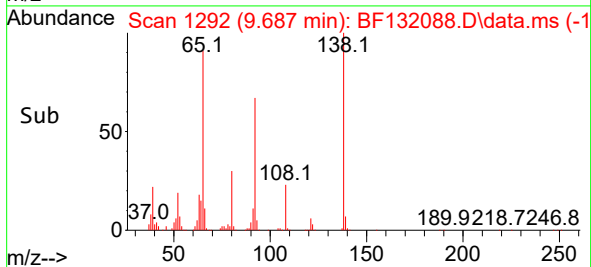
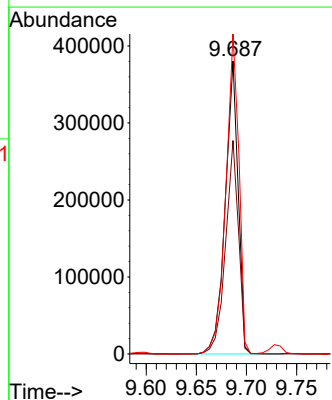
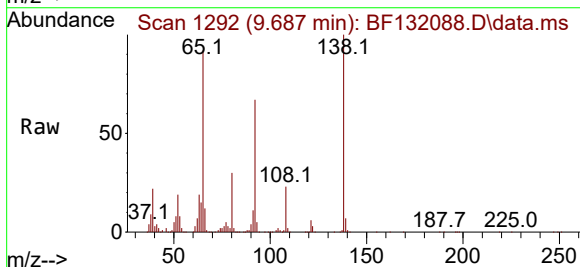
Instrument :
BNA_F
ClientSampleId :
PB150209BS

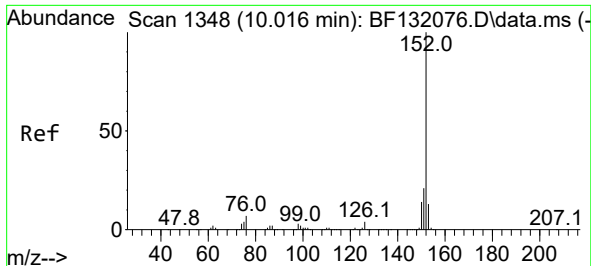
Tgt Ion:162 Resp: 1197711
Ion Ratio Lower Upper
162 100
127 40.3 31.8 47.6
164 33.2 26.8 40.2



#48
2-Nitroaniline
Concen: 51.778 ng
RT: 9.687 min Scan# 1292
Delta R.T. 0.001 min
Lab File: BF132088.D
Acq: 17 Jan 2023 01:20

Tgt Ion: 65 Resp: 340691
Ion Ratio Lower Upper
65 100
92 72.9 57.8 86.6
138 109.3 88.2 132.4

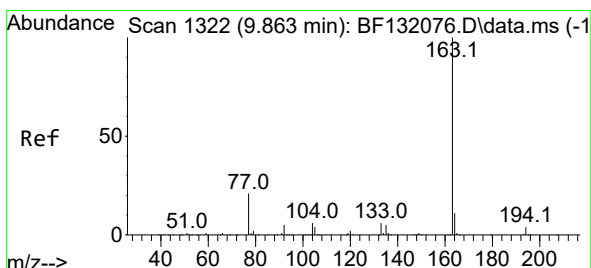
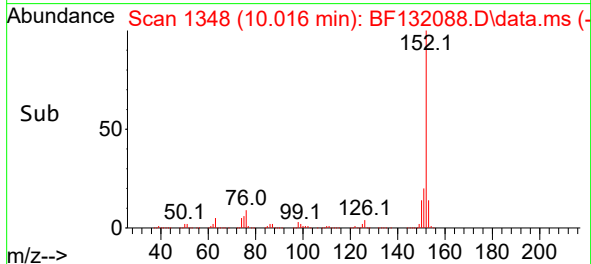
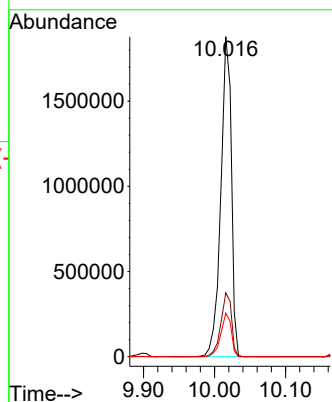
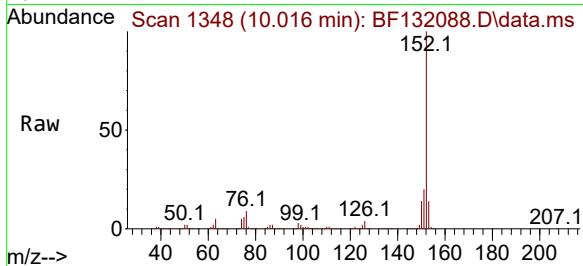




#49
Acenaphthylene
Concen: 42.915 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132088.D
Acq: 17 Jan 2023 01:20

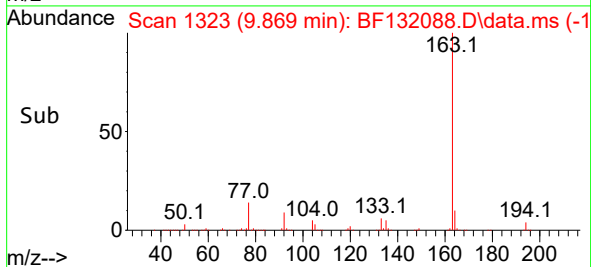
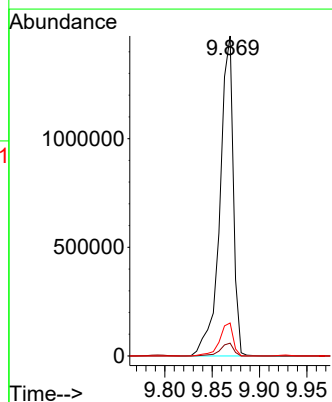
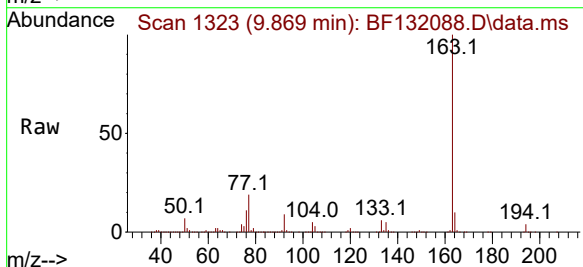
Instrument :
BNA_F
ClientSampleId :
PB150209BS

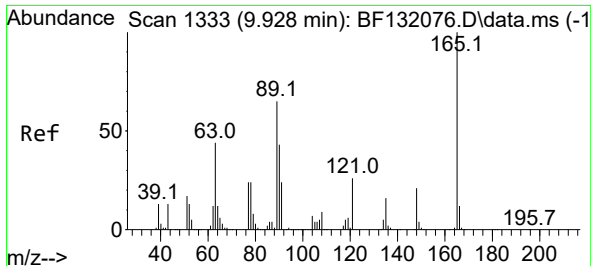
Tgt Ion:152 Resp: 1928972
Ion Ratio Lower Upper
152 100
151 19.9 16.6 25.0
153 13.6 10.8 16.2



#50
Dimethylphthalate
Concen: 48.041 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BF132088.D
Acq: 17 Jan 2023 01:20

Tgt Ion:163 Resp: 1453384
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.3 8.6 12.8

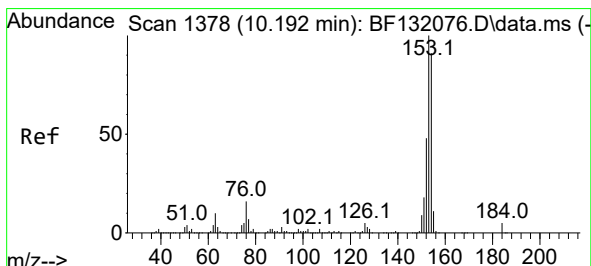
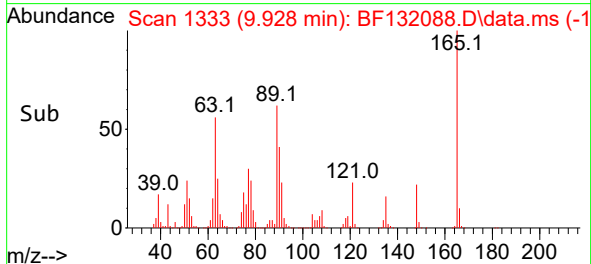
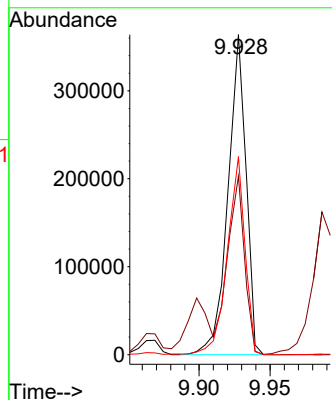
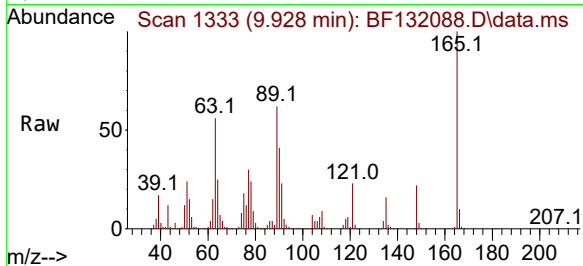




#51
2,6-Dinitrotoluene
Concen: 51.254 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF132088.D
Acq: 17 Jan 2023 01:20

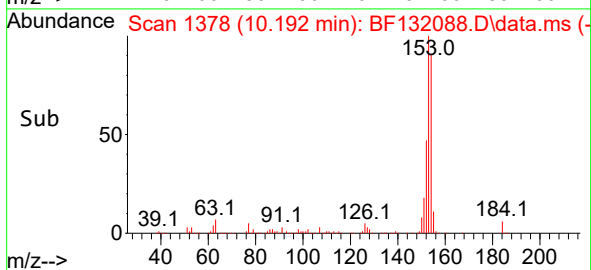
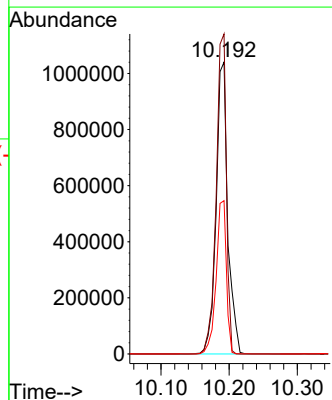
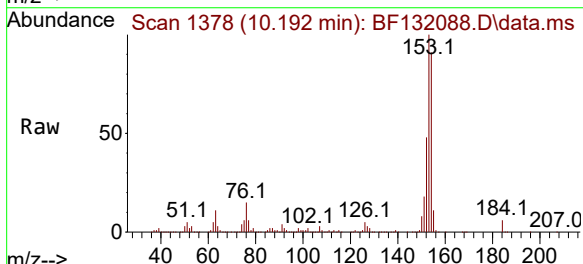
Instrument :
BNA_F
ClientSampleId :
PB150209BS

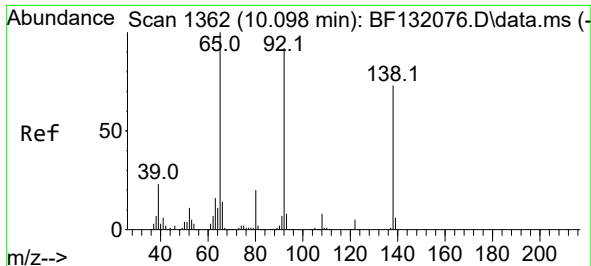
Tgt Ion:165 Resp: 320989
Ion Ratio Lower Upper
165 100
63 55.8 45.7 68.5
89 61.9 52.5 78.7



#52
Acenaphthene
Concen: 46.928 ng
RT: 10.192 min Scan# 1378
Delta R.T. 0.000 min
Lab File: BF132088.D
Acq: 17 Jan 2023 01:20

Tgt Ion:154 Resp: 1240785
Ion Ratio Lower Upper
154 100
153 109.7 88.2 132.4
152 52.5 42.7 64.1

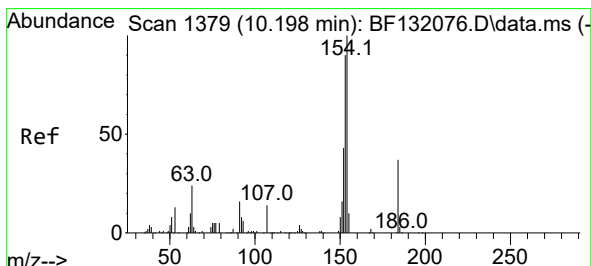
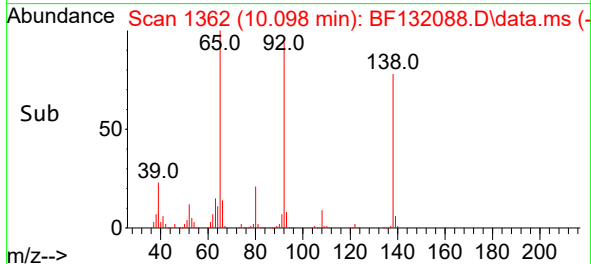
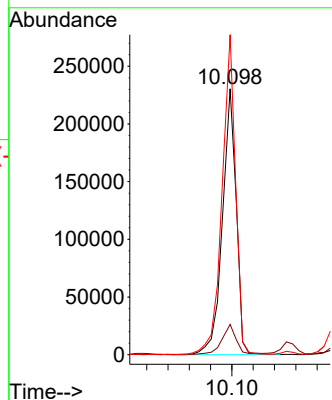
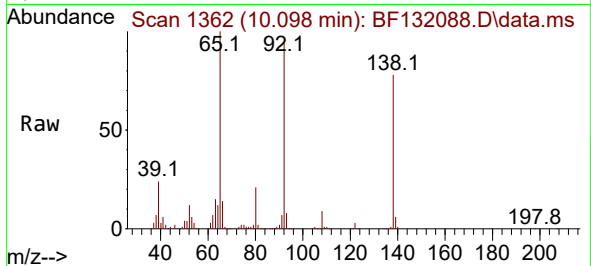




#53
3-Nitroaniline
Concen: 31.432 ng
RT: 10.098 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132088.D
Acq: 17 Jan 2023 01:20

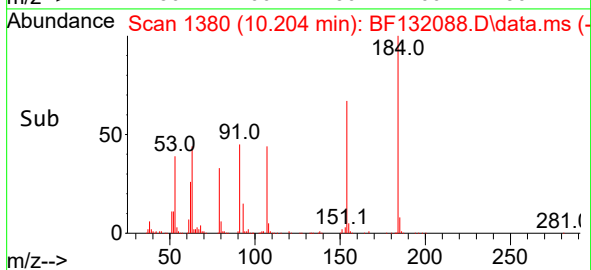
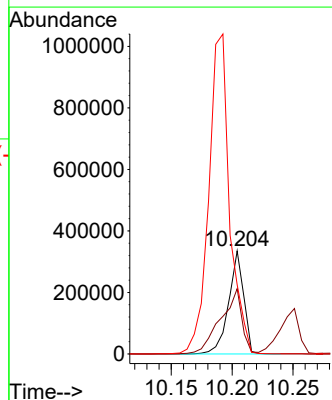
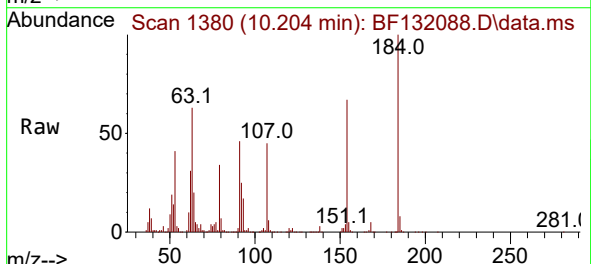
Instrument :
BNA_F
ClientSampleId :
PB150209BS

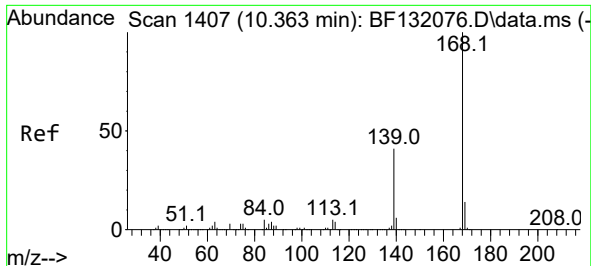
Tgt Ion:138 Resp: 206023
Ion Ratio Lower Upper
138 100
108 11.4 8.6 13.0
92 120.3 100.6 151.0



#54
2,4-Dinitrophenol
Concen: 94.162 ng
RT: 10.204 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF132088.D
Acq: 17 Jan 2023 01:20

Tgt Ion:184 Resp: 289414
Ion Ratio Lower Upper
184 100
63 63.3 51.3 76.9
154 67.3 215.0 322.6#

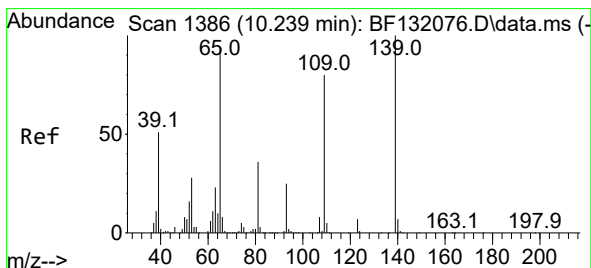
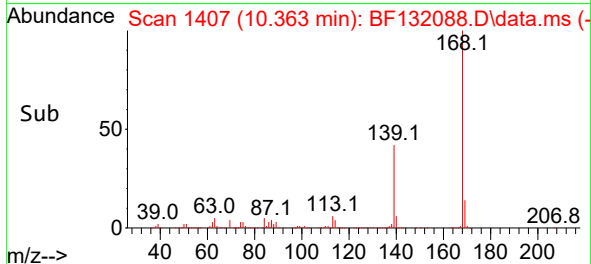
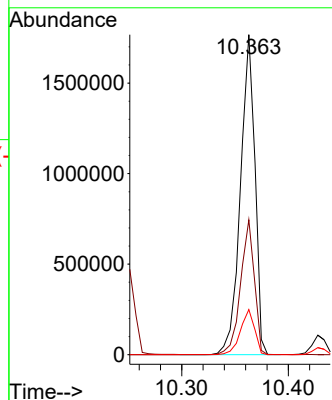
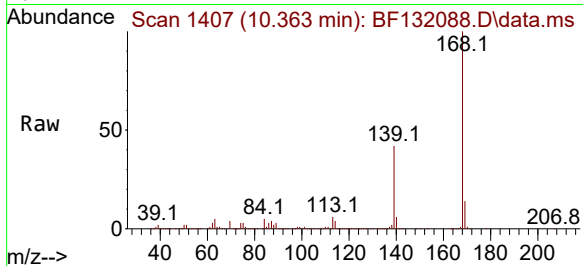




#55
Dibenzofuran
Concen: 41.939 ng
RT: 10.363 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF132088.D
Acq: 17 Jan 2023 01:20

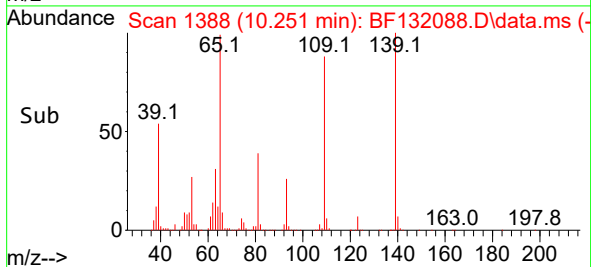
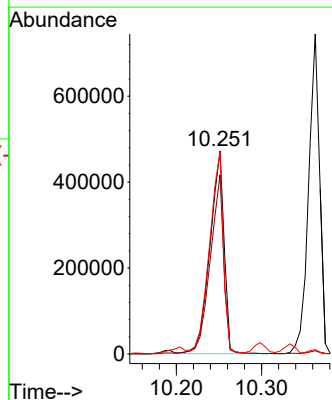
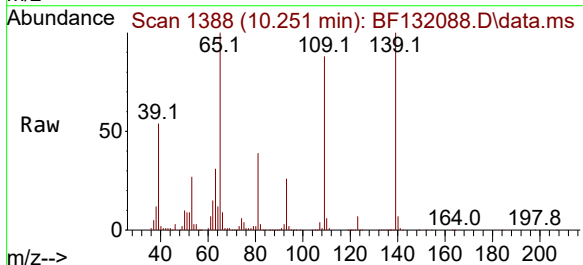
Instrument :
BNA_F
ClientSampleId :
PB150209BS

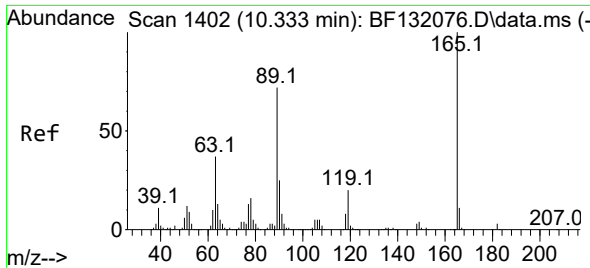
Tgt Ion:168 Resp: 1675227
Ion Ratio Lower Upper
168 100
139 42.1 32.5 48.7
169 14.1 11.0 16.4



#56
4-Nitrophenol
Concen: 91.171 ng
RT: 10.251 min Scan# 1388
Delta R.T. 0.012 min
Lab File: BF132088.D
Acq: 17 Jan 2023 01:20

Tgt Ion:139 Resp: 544920
Ion Ratio Lower Upper
139 100
109 88.3 59.9 99.9
65 99.7 74.9 114.9

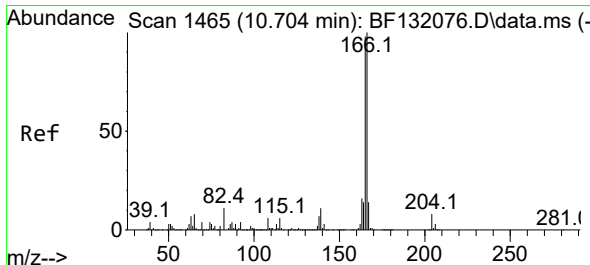
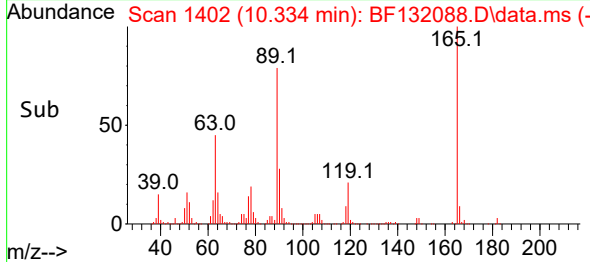
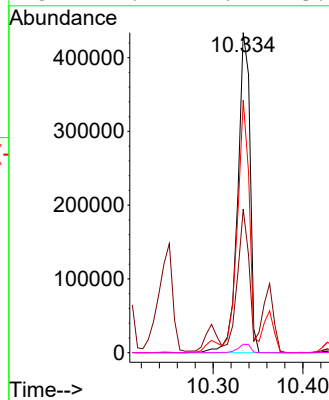
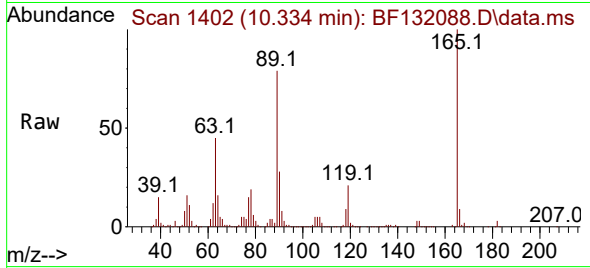




#57
2,4-Dinitrotoluene
Concen: 52.260 ng
RT: 10.334 min Scan# 1402
Delta R.T. 0.001 min
Lab File: BF132088.D
Acq: 17 Jan 2023 01:20

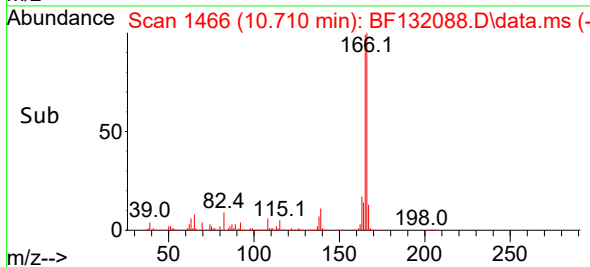
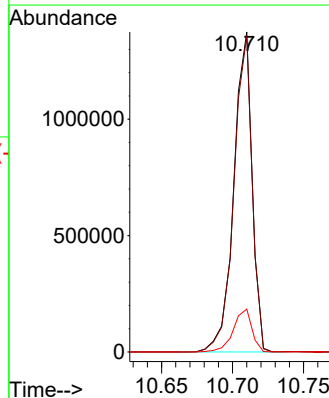
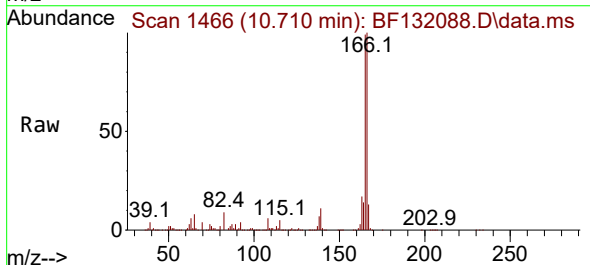
Instrument :
BNA_F
ClientSampleId :
PB150209BS

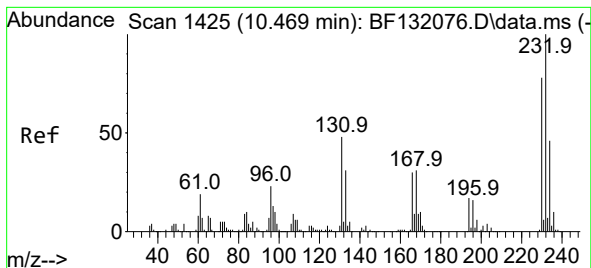
Tgt Ion:165 Resp: 413240
Ion Ratio Lower Upper
165 100
63 44.9 29.5 44.3#
89 78.9 57.8 86.8
182 2.7 2.1 3.1



#58
Fluorene
Concen: 41.207 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.006 min
Lab File: BF132088.D
Acq: 17 Jan 2023 01:20

Tgt Ion:166 Resp: 1234055
Ion Ratio Lower Upper
166 100
165 98.8 78.6 118.0
167 13.4 10.9 16.3

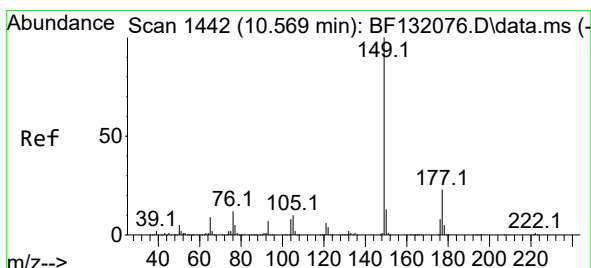
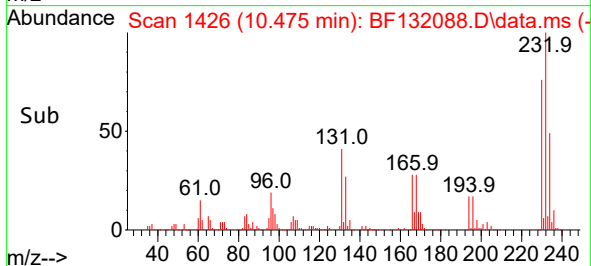
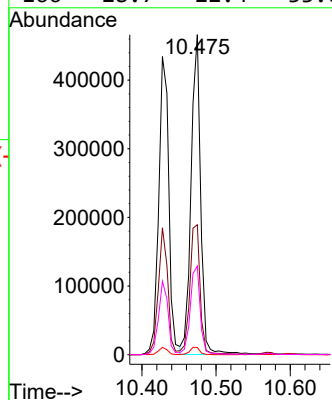
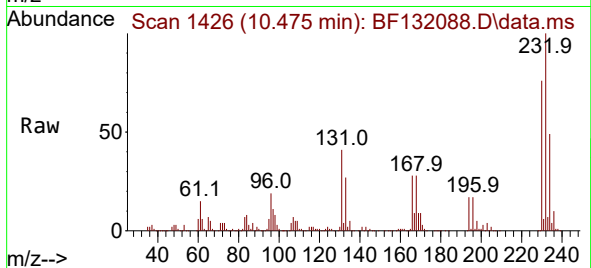




#59
2,3,4,6-Tetrachlorophenol
Concen: 54.578 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF132088.D
Acq: 17 Jan 2023 01:20

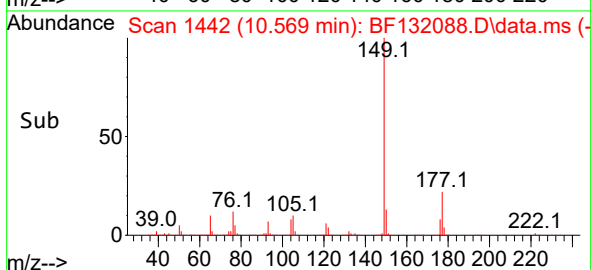
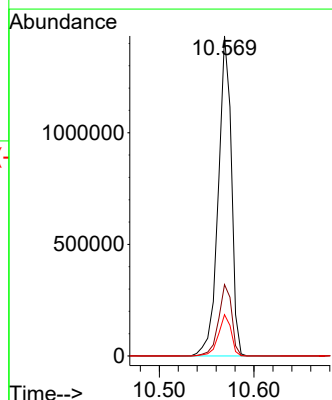
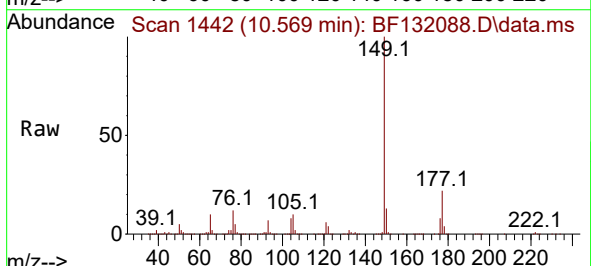
Instrument :
BNA_F
ClientSampleId :
PB150209BS

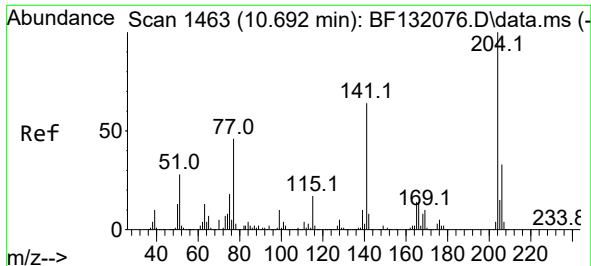
Tgt Ion:232 Resp: 420123
Ion Ratio Lower Upper
232 100
131 43.6 34.7 52.1
130 2.4 1.8 2.8
166 28.7 22.4 33.6



#60
Diethylphthalate
Concen: 51.389 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF132088.D
Acq: 17 Jan 2023 01:20

Tgt Ion:149 Resp: 1382289
Ion Ratio Lower Upper
149 100
177 22.3 18.2 27.4
150 12.9 10.0 15.0

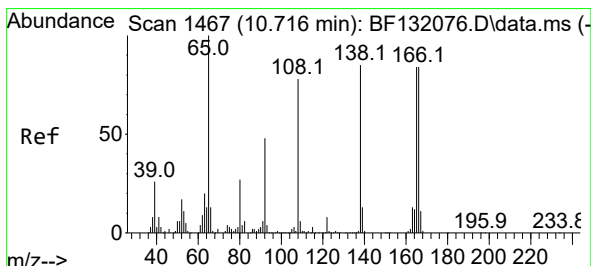
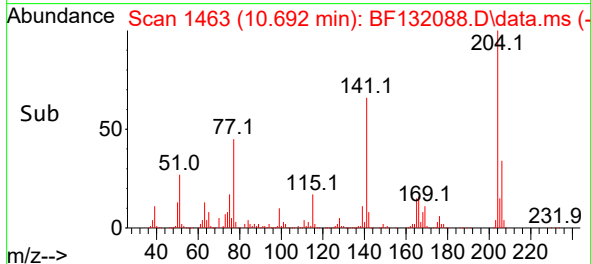
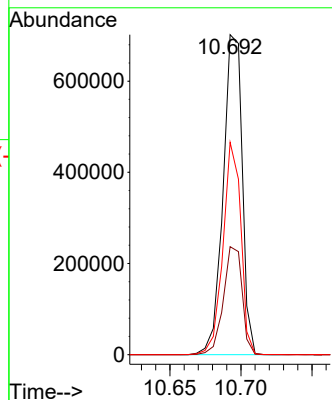
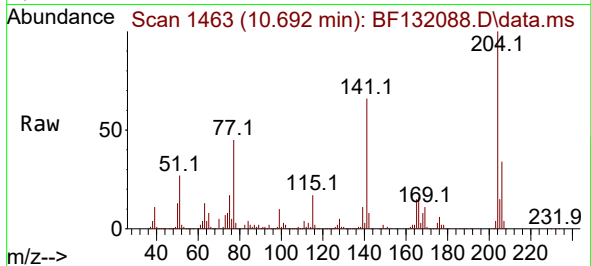




#61
4-Chlorophenyl-phenylether
Concen: 42.512 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF132088.D
Acq: 17 Jan 2023 01:20

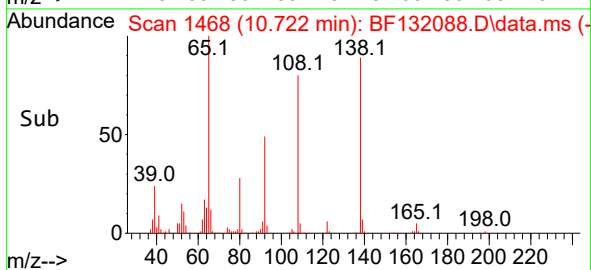
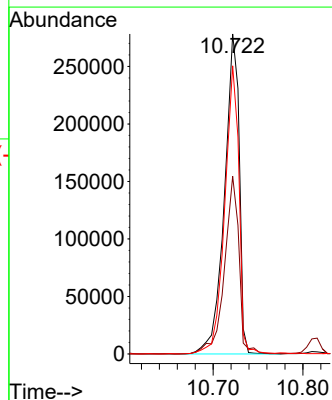
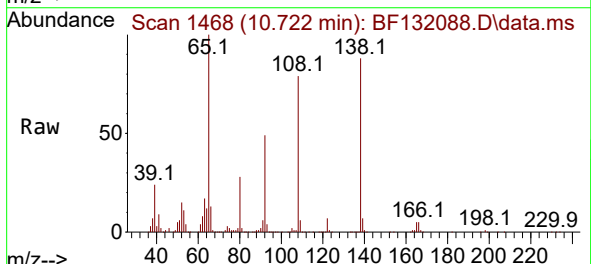
Instrument :
BNA_F
ClientSampleId :
PB150209BS

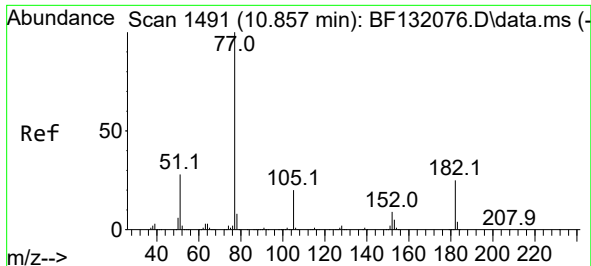
Tgt Ion:204 Resp: 655707
Ion Ratio Lower Upper
204 100
206 33.7 26.4 39.6
141 66.4 51.5 77.3



#62
4-Nitroaniline
Concen: 47.321 ng
RT: 10.722 min Scan# 1468
Delta R.T. 0.006 min
Lab File: BF132088.D
Acq: 17 Jan 2023 01:20

Tgt Ion:138 Resp: 318495
Ion Ratio Lower Upper
138 100
92 55.6 36.9 76.9
108 90.1 71.8 111.8

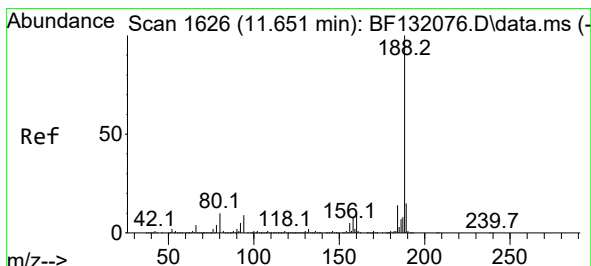
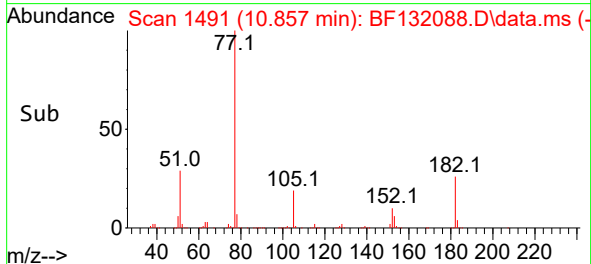
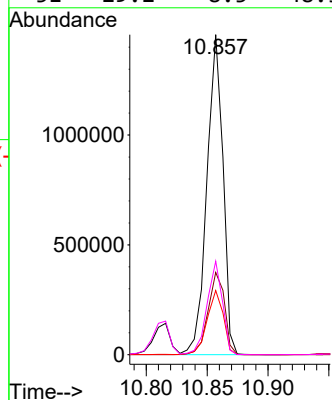
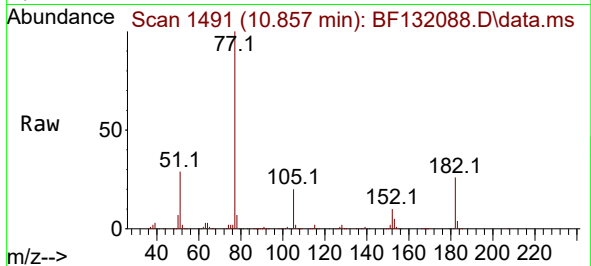




#63
Azobenzene
Concen: 41.844 ng
RT: 10.857 min Scan# 1491
Delta R.T. 0.000 min
Lab File: BF132088.D
Acq: 17 Jan 2023 01:20

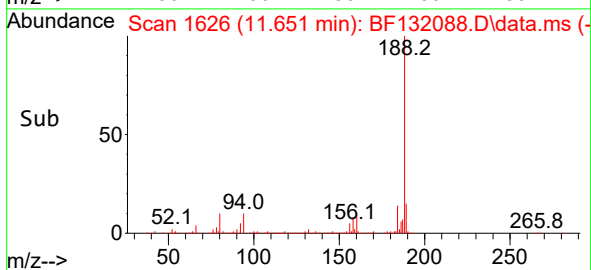
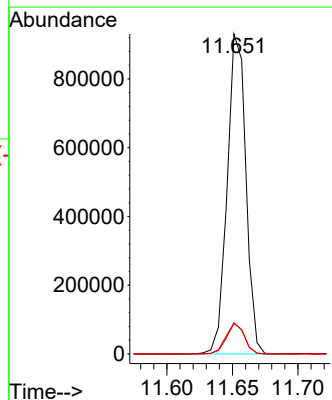
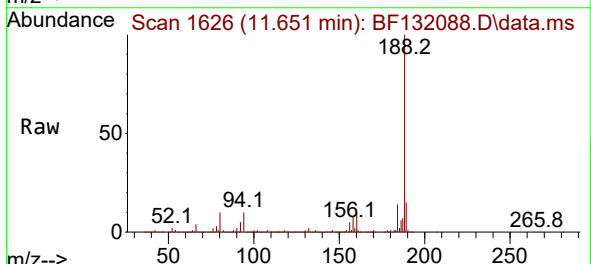
Instrument :
BNA_F
ClientSampleId :
PB150209BS

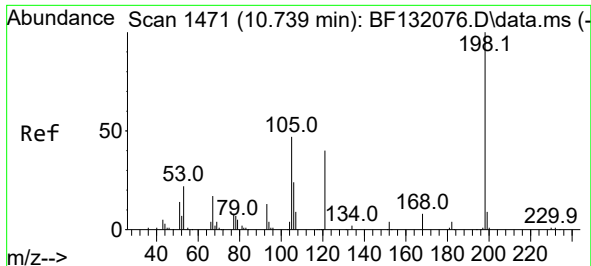
Tgt Ion: 77 Resp: 1338902
Ion Ratio Lower Upper
77 100
182 25.7 5.0 45.0
105 20.1 0.0 39.7
51 29.2 8.5 48.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.651 min Scan# 1626
Delta R.T. 0.000 min
Lab File: BF132088.D
Acq: 17 Jan 2023 01:20

Tgt Ion:188 Resp: 921809
Ion Ratio Lower Upper
188 100
94 9.6 7.2 10.8
80 9.8 8.1 12.1





#65

4,6-Dinitro-2-methylphenol

Concen: 54.524 ng

RT: 10.745 min Scan# 1471

Delta R.T. 0.006 min

Lab File: BF132088.D

Acq: 17 Jan 2023 01:20

Instrument :

BNA_F

ClientSampleId :

PB150209BS

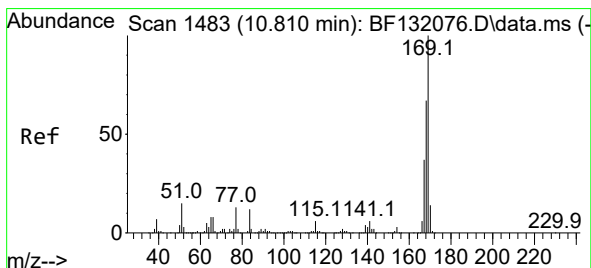
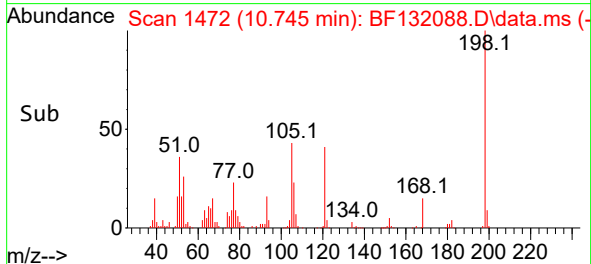
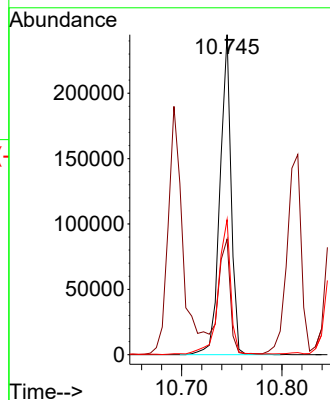
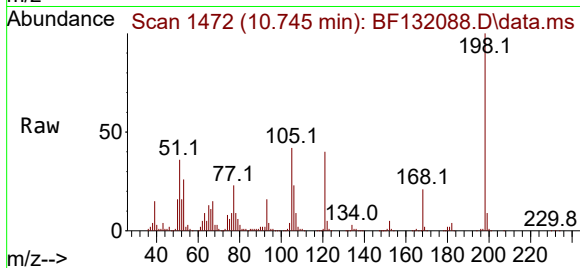
Tgt Ion:198 Resp: 188196

Ion Ratio Lower Upper

198 100

51 36.1 20.4 60.4

105 42.2 28.0 68.0



#66

n-Nitrosodiphenylamine

Concen: 42.451 ng

RT: 10.816 min Scan# 1484

Delta R.T. 0.006 min

Lab File: BF132088.D

Acq: 17 Jan 2023 01:20

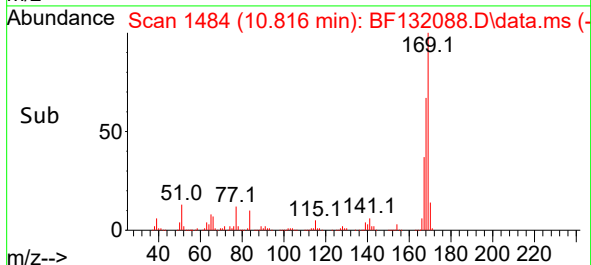
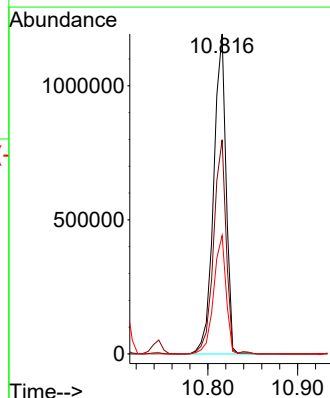
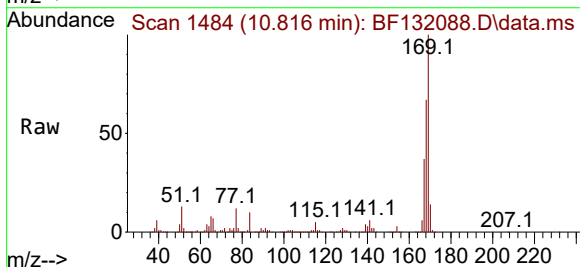
Tgt Ion:169 Resp: 1145673

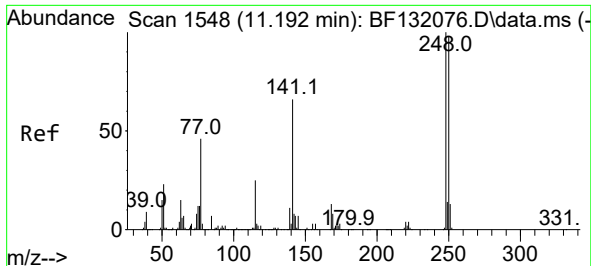
Ion Ratio Lower Upper

169 100

168 67.0 53.3 79.9

167 37.0 29.8 44.8

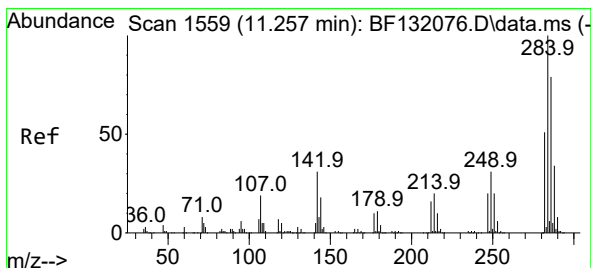
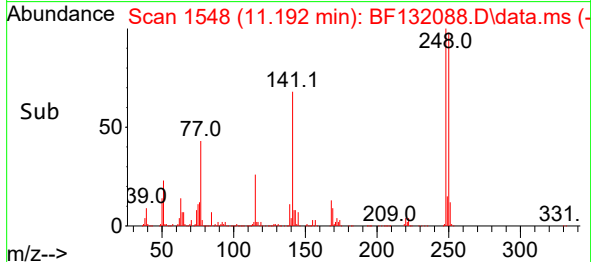
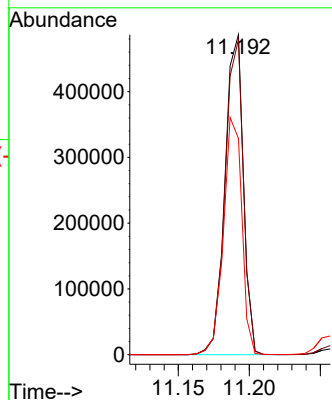
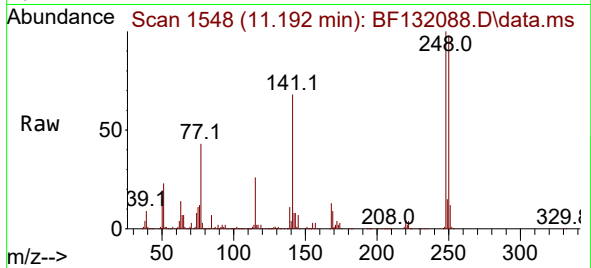




#67
4-Bromophenyl-phenylether
Concen: 43.766 ng
RT: 11.192 min Scan# 1548
Delta R.T. 0.000 min
Lab File: BF132088.D
Acq: 17 Jan 2023 01:20

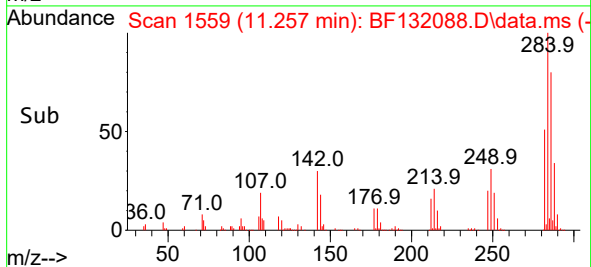
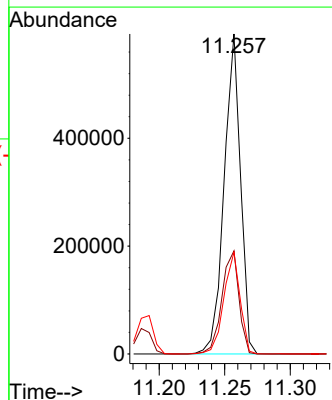
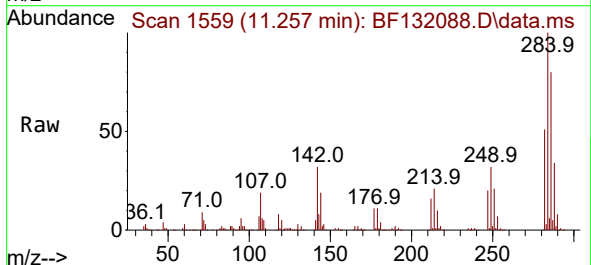
Instrument :
BNA_F
ClientSampleId :
PB150209BS

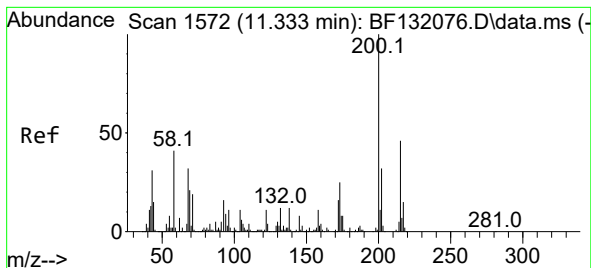
Tgt Ion:248 Resp: 439261
Ion Ratio Lower Upper
248 100
250 98.4 78.2 117.4
141 67.6 53.2 79.8



#68
Hexachlorobenzene
Concen: 46.864 ng
RT: 11.257 min Scan# 1559
Delta R.T. 0.000 min
Lab File: BF132088.D
Acq: 17 Jan 2023 01:20

Tgt Ion:284 Resp: 513134
Ion Ratio Lower Upper
284 100
142 32.2 24.6 36.8
249 31.8 24.5 36.7





#69

Atrazine

Concen: 53.372 ng

RT: 11.339 min Scan# 1572

Delta R.T. 0.006 min

Lab File: BF132088.D

Acq: 17 Jan 2023 01:20

Instrument :

BNA_F

ClientSampleId :

PB150209BS

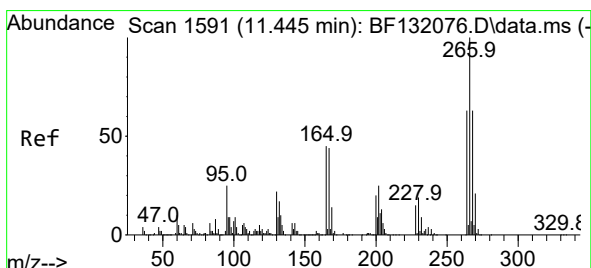
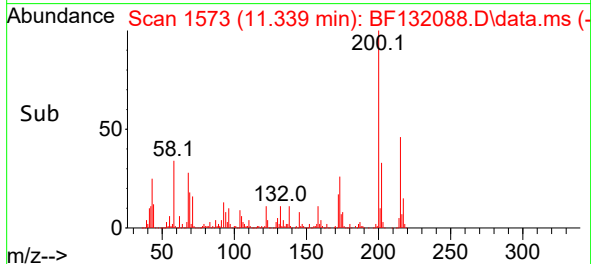
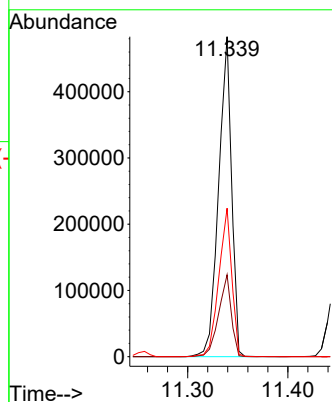
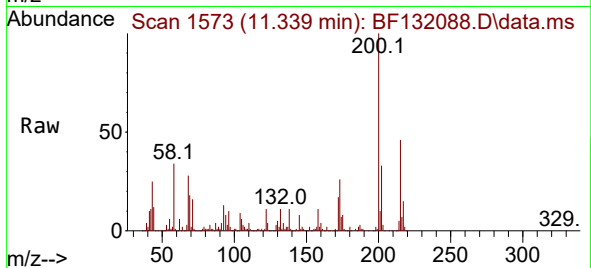
Tgt Ion:200 Resp: 434101

Ion Ratio Lower Upper

200 100

173 25.6 5.2 45.2

215 46.4 25.6 65.6



#70

Pentachlorophenol

Concen: 89.303 ng

RT: 11.451 min Scan# 1592

Delta R.T. 0.006 min

Lab File: BF132088.D

Acq: 17 Jan 2023 01:20

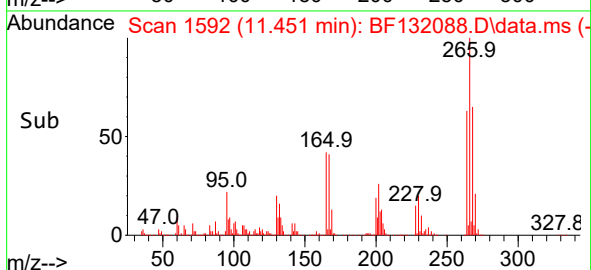
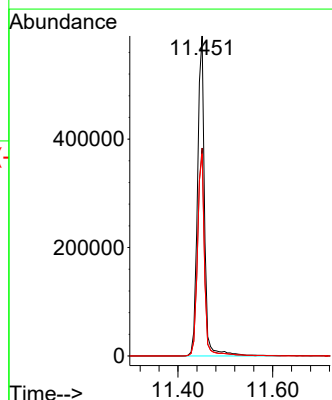
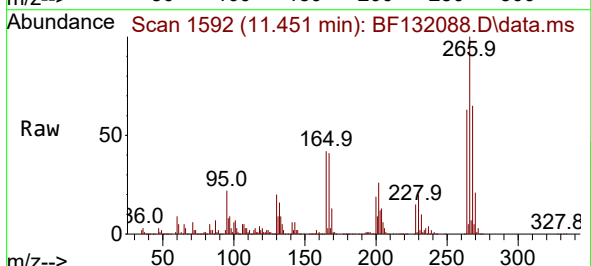
Tgt Ion:266 Resp: 608318

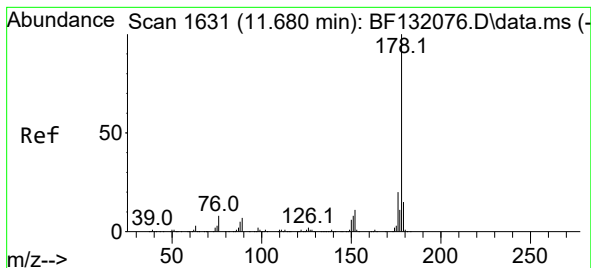
Ion Ratio Lower Upper

266 100

268 65.0 50.0 75.0

264 63.2 50.2 75.4





#71

Phenanthrene

Concen: 41.991 ng

RT: 11.681 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132088.D

Acq: 17 Jan 2023 01:20

Instrument :

BNA_F

ClientSampleId :

PB150209BS

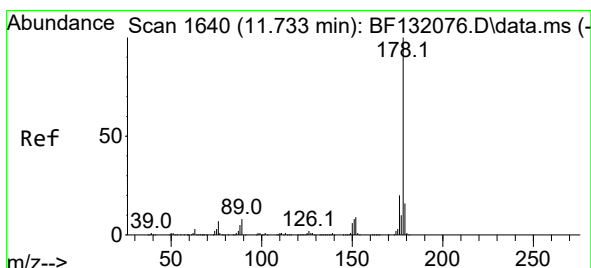
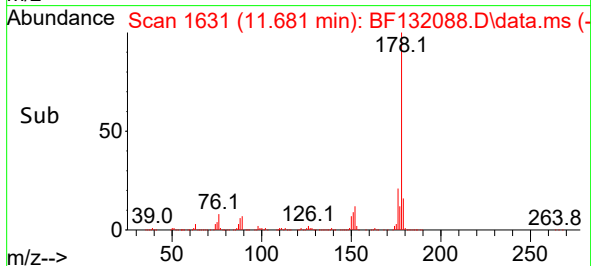
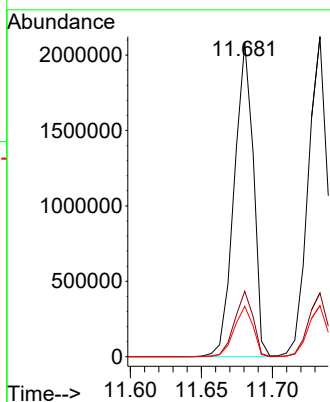
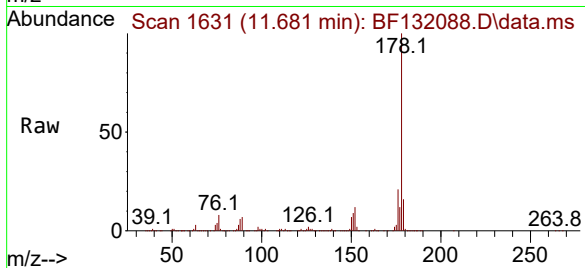
Tgt Ion:178 Resp: 1953787

Ion Ratio Lower Upper

178 100

176 20.8 16.2 24.2

179 16.0 12.3 18.5



#72

Anthracene

Concen: 41.525 ng

RT: 11.733 min Scan# 1640

Delta R.T. 0.000 min

Lab File: BF132088.D

Acq: 17 Jan 2023 01:20

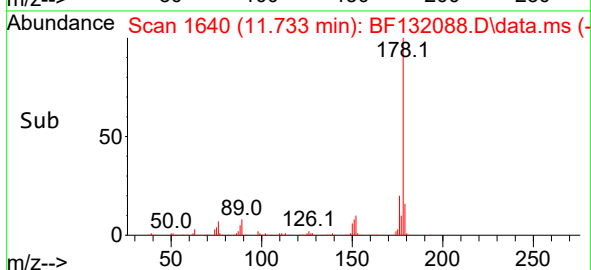
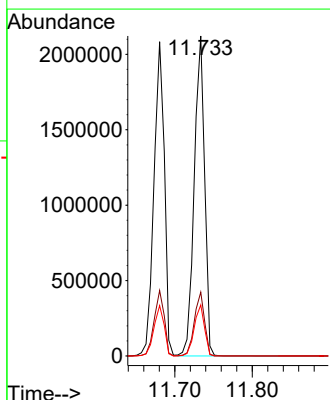
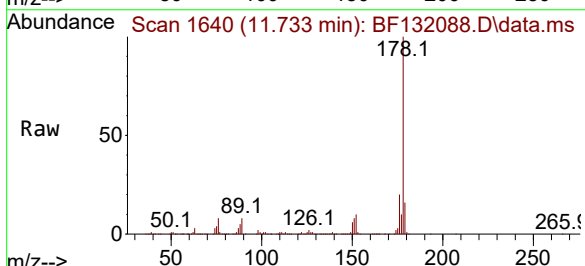
Tgt Ion:178 Resp: 1975788

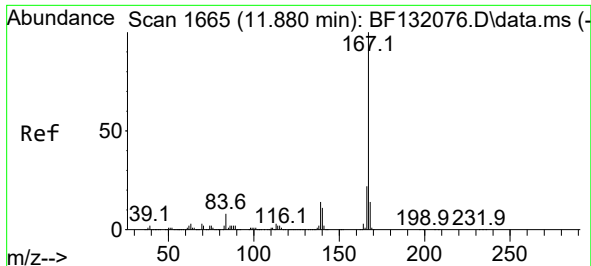
Ion Ratio Lower Upper

178 100

176 20.0 15.7 23.5

179 15.9 12.5 18.7

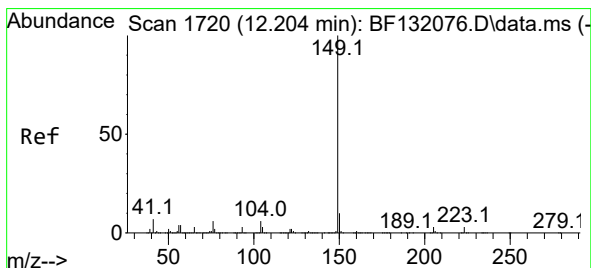
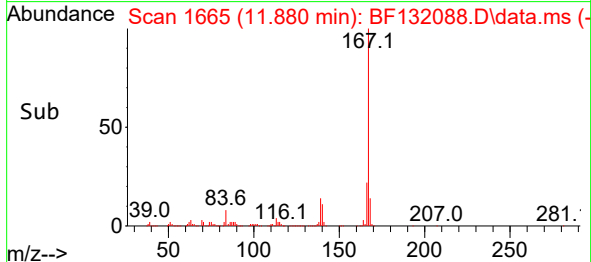
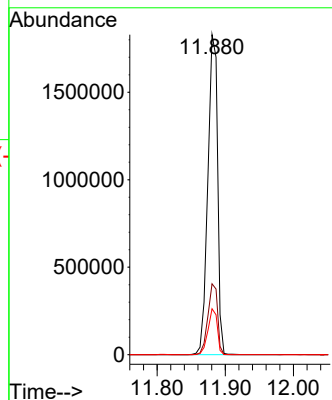
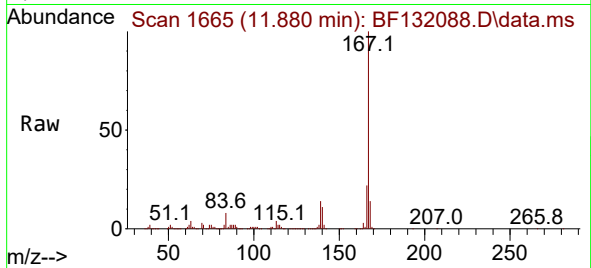




#73
 Carbazole
 Concen: 42.656 ng
 RT: 11.880 min Scan# 1665
 Delta R.T. 0.000 min
 Lab File: BF132088.D
 Acq: 17 Jan 2023 01:20

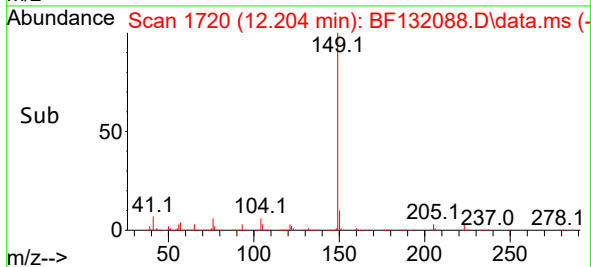
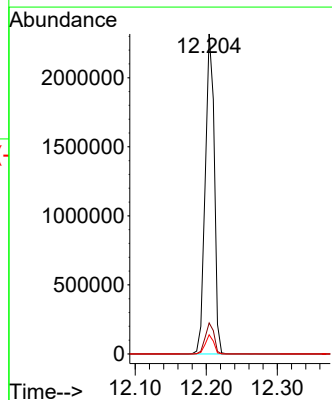
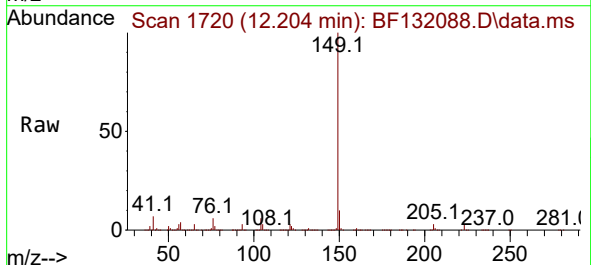
Instrument :
 BNA_F
 ClientSampleId :
 PB150209BS

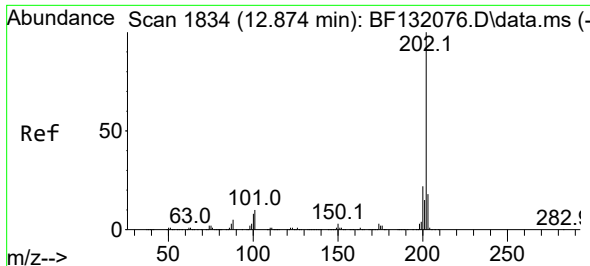
Tgt Ion:167 Resp: 1825360
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.7 26.5
 139 14.4 11.3 16.9



#74
 Di-n-butylphthalate
 Concen: 46.688 ng
 RT: 12.204 min Scan# 1720
 Delta R.T. 0.000 min
 Lab File: BF132088.D
 Acq: 17 Jan 2023 01:20

Tgt Ion:149 Resp: 2054005
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.7 11.5
 104 6.0 4.6 6.8

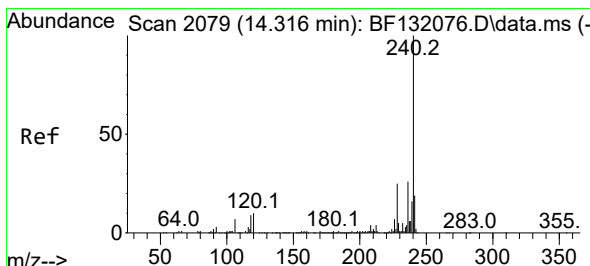
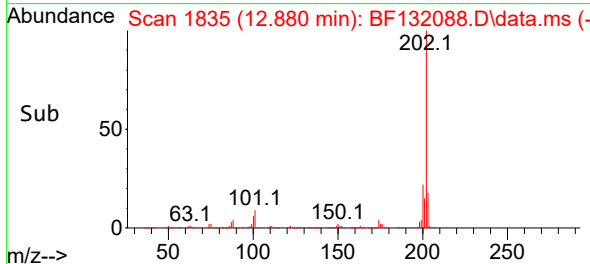
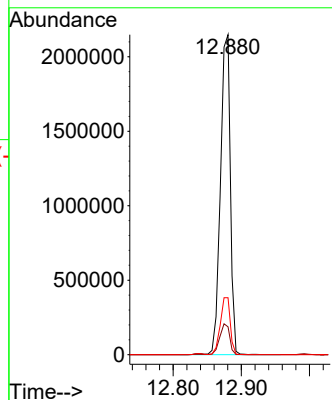
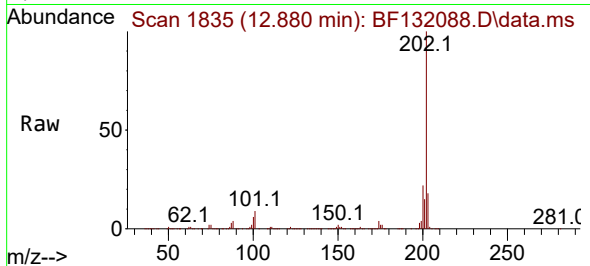




#75
Fluoranthene
Concen: 41.392 ng
RT: 12.880 min Scan# 1835
Delta R.T. 0.006 min
Lab File: BF132088.D
Acq: 17 Jan 2023 01:20

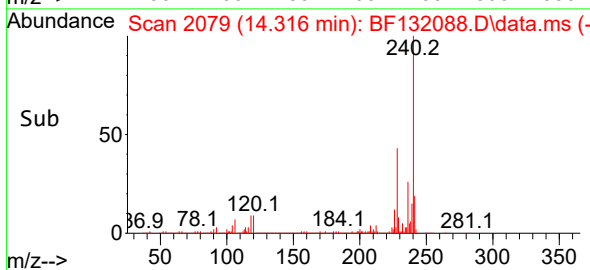
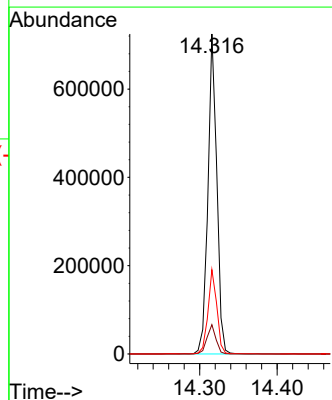
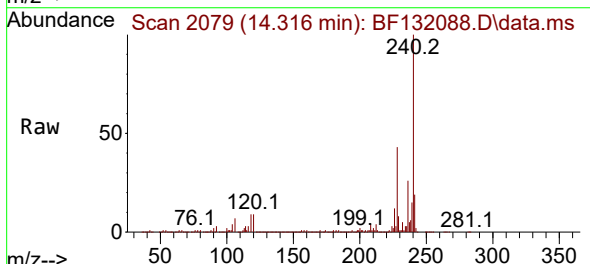
Instrument :
BNA_F
ClientSampleId :
PB150209BS

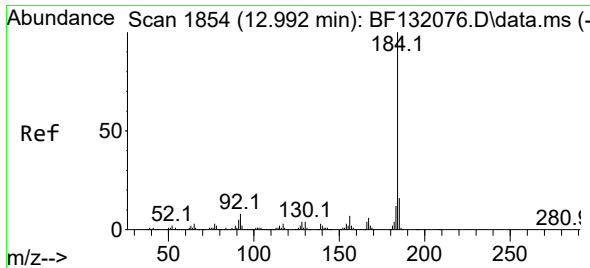
Tgt Ion:202 Resp: 2167778
Ion Ratio Lower Upper
202 100
101 8.7 0.0 30.4
203 17.8 0.0 38.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.316 min Scan# 2079
Delta R.T. -0.000 min
Lab File: BF132088.D
Acq: 17 Jan 2023 01:20

Tgt Ion:240 Resp: 577208
Ion Ratio Lower Upper
240 100
120 9.2 8.1 12.1
236 26.3 21.0 31.4

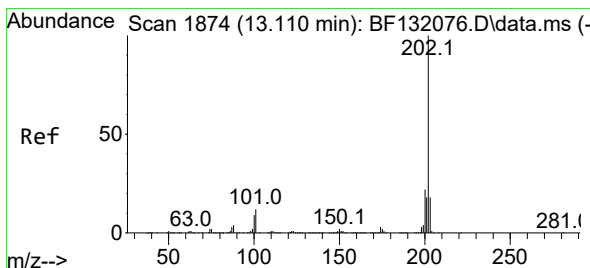
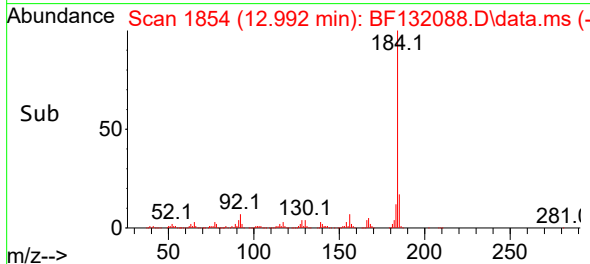
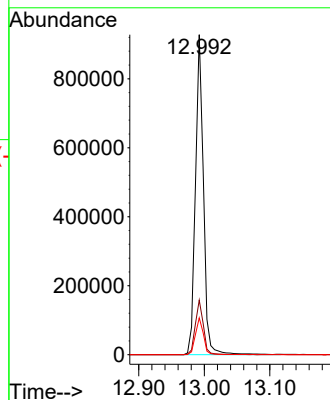
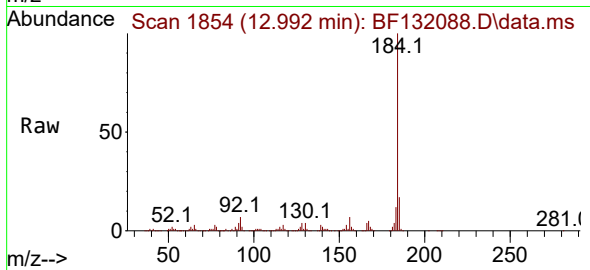




#77
Benzidine
Concen: 81.671 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF132088.D
Acq: 17 Jan 2023 01:20

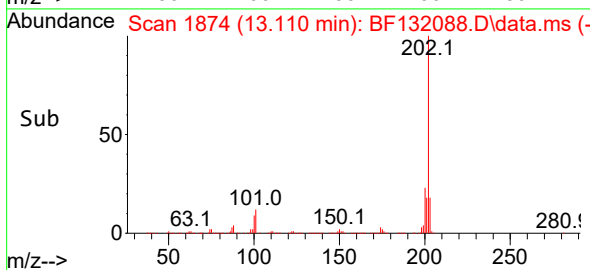
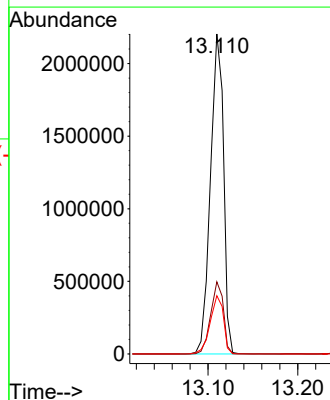
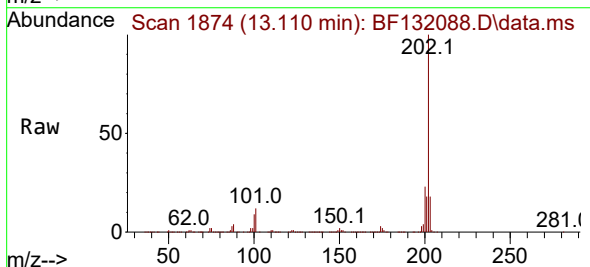
Instrument :
BNA_F
ClientSampleId :
PB150209BS

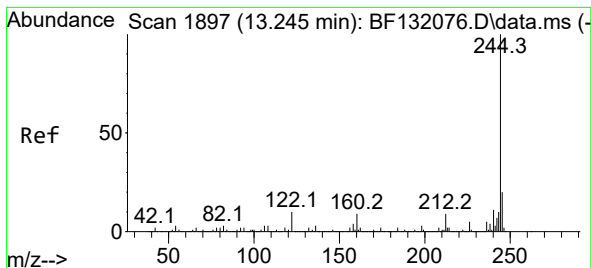
Tgt Ion:184 Resp: 790039
Ion Ratio Lower Upper
184 100
185 17.1 13.1 19.7
183 11.5 9.4 14.0



#78
Pyrene
Concen: 46.637 ng
RT: 13.110 min Scan# 1874
Delta R.T. 0.000 min
Lab File: BF132088.D
Acq: 17 Jan 2023 01:20

Tgt Ion:202 Resp: 2226273
Ion Ratio Lower Upper
202 100
200 22.6 17.8 26.8
203 18.2 14.5 21.7





#79

Terphenyl-d14

Concen: 95.145 ng

RT: 13.251 min Scan# 1898

Delta R.T. 0.006 min

Lab File: BF132088.D

Acq: 17 Jan 2023 01:20

Instrument :

BNA_F

ClientSampleId :

PB150209BS

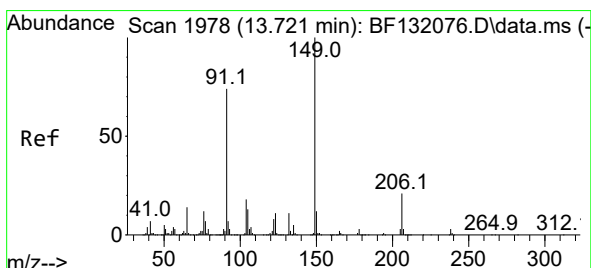
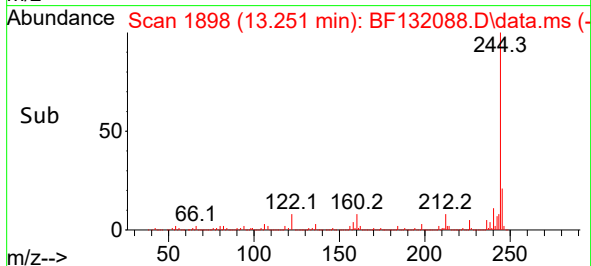
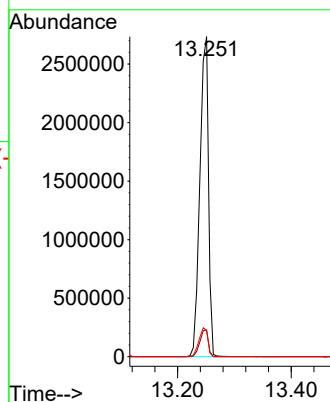
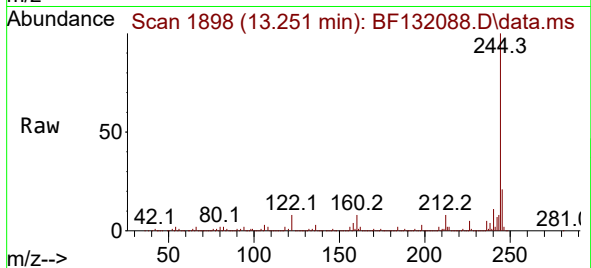
Tgt Ion:244 Resp: 2890290

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.4

122 8.2 7.8 11.6



#80

Butylbenzylphthalate

Concen: 63.161 ng

RT: 13.722 min Scan# 1978

Delta R.T. 0.001 min

Lab File: BF132088.D

Acq: 17 Jan 2023 01:20

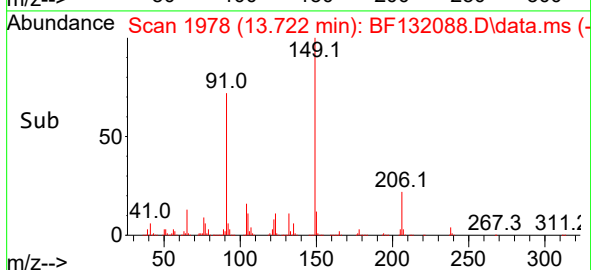
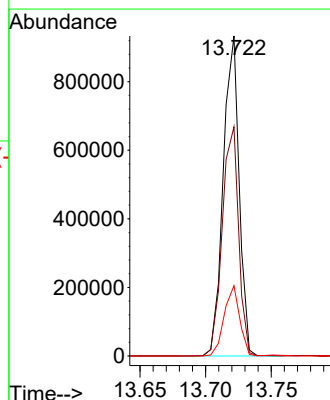
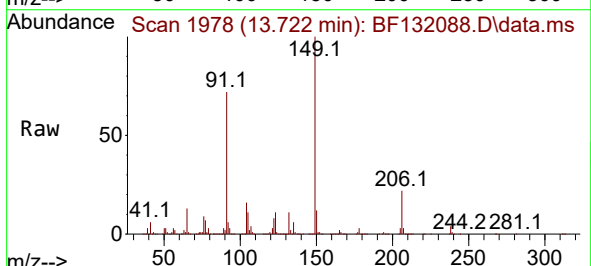
Tgt Ion:149 Resp: 785678

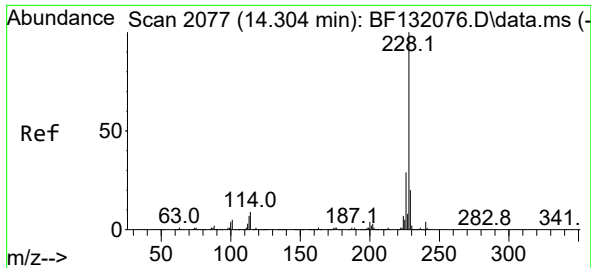
Ion Ratio Lower Upper

149 100

91 71.6 59.4 89.2

206 22.0 16.4 24.6

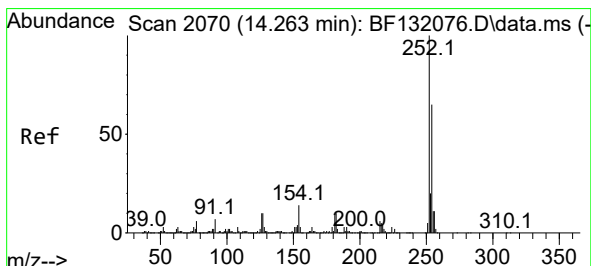
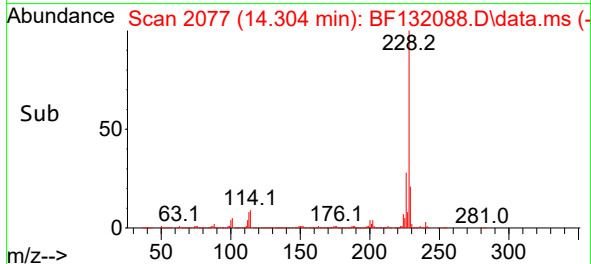
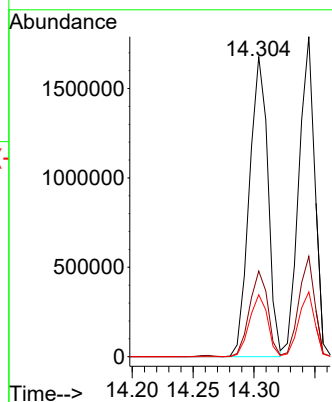
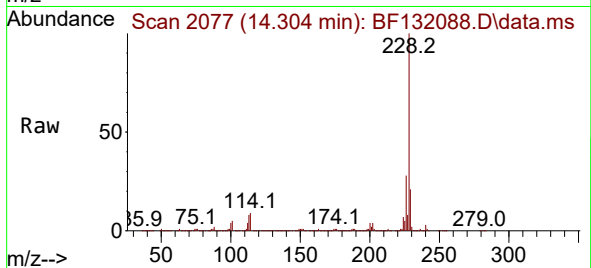




#81
Benzo(a)anthracene
Concen: 45.362 ng
RT: 14.304 min Scan# 2077
Delta R.T. 0.000 min
Lab File: BF132088.D
Acq: 17 Jan 2023 01:20

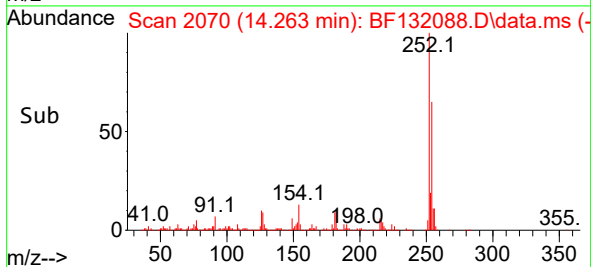
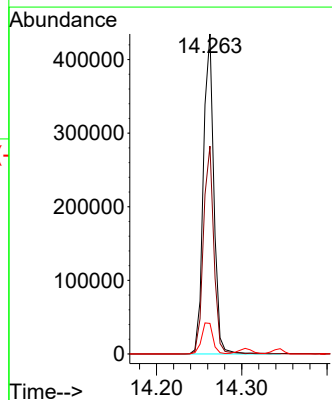
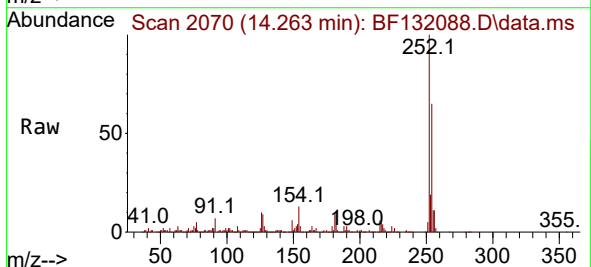
Instrument :
BNA_F
ClientSampleId :
PB150209BS

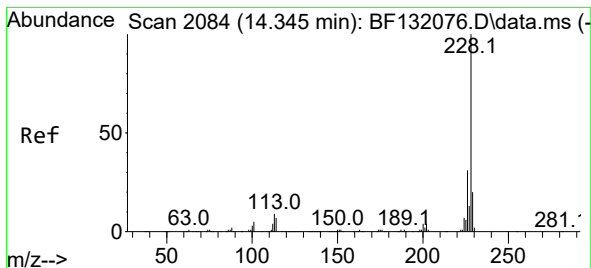
Tgt Ion:228 Resp: 1783406
Ion Ratio Lower Upper
228 100
226 28.5 23.0 34.6
229 20.7 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 36.099 ng
RT: 14.263 min Scan# 2070
Delta R.T. -0.000 min
Lab File: BF132088.D
Acq: 17 Jan 2023 01:20

Tgt Ion:252 Resp: 371849
Ion Ratio Lower Upper
252 100
254 65.0 52.3 78.5
126 9.5 7.9 11.9





#83

Chrysene

Concen: 44.469 ng

RT: 14.345 min Scan# 2084

Delta R.T. 0.000 min

Lab File: BF132088.D

Acq: 17 Jan 2023 01:20

Instrument :

BNA_F

ClientSampleId :

PB150209BS

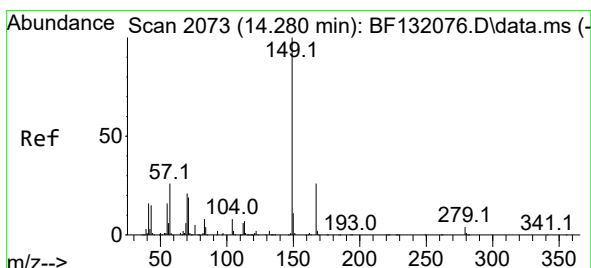
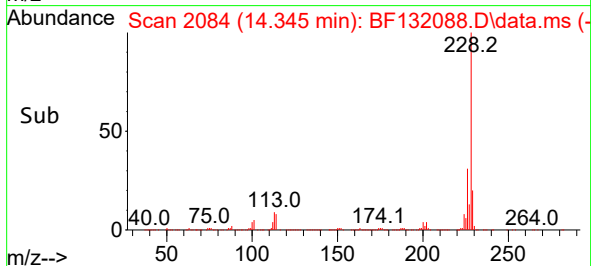
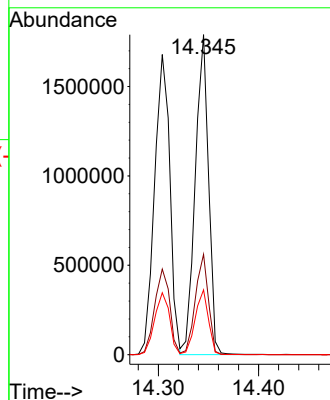
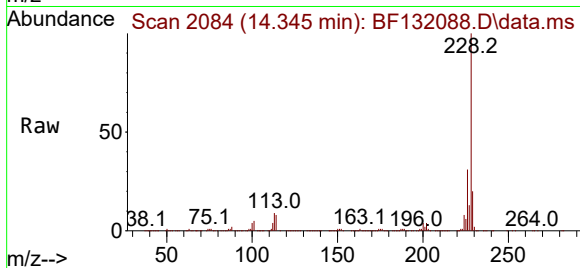
Tgt Ion:228 Resp: 1641825

Ion Ratio Lower Upper

228 100

226 31.4 25.0 37.6

229 20.3 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.803 ng

RT: 14.280 min Scan# 2073

Delta R.T. 0.000 min

Lab File: BF132088.D

Acq: 17 Jan 2023 01:20

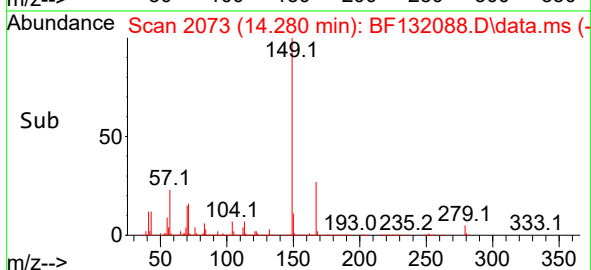
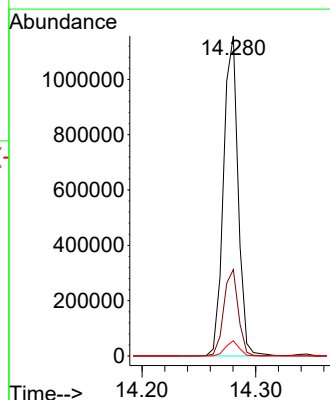
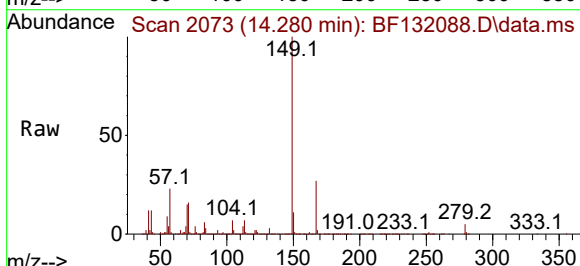
Tgt Ion:149 Resp: 1037408

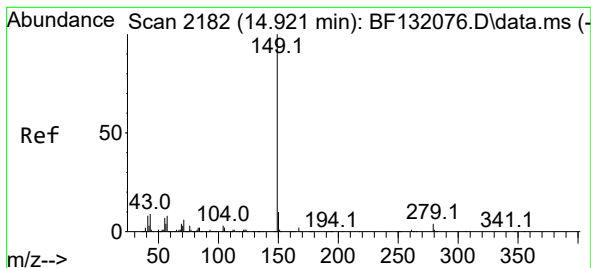
Ion Ratio Lower Upper

149 100

167 27.0 20.9 31.3

279 4.8 3.1 4.7#





#85

Di-n-octyl phthalate

Concen: 62.716 ng

RT: 14.921 min Scan# 2182

Delta R.T. 0.000 min

Lab File: BF132088.D

Acq: 17 Jan 2023 01:20

Instrument :

BNA_F

ClientSampleId :

PB150209BS

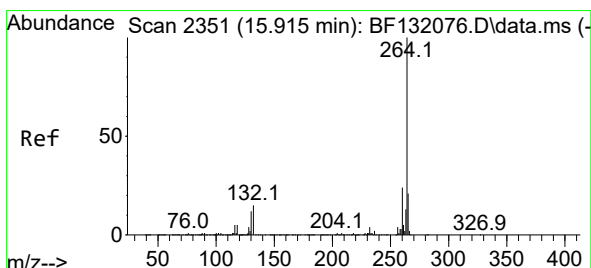
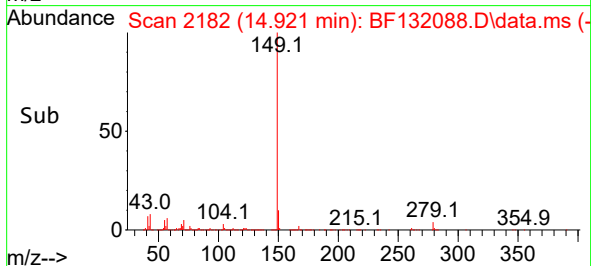
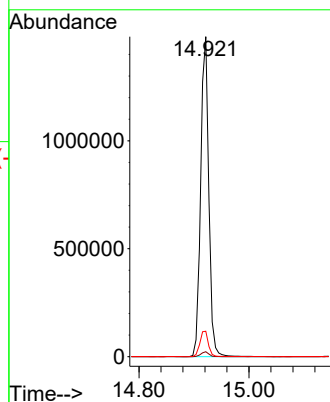
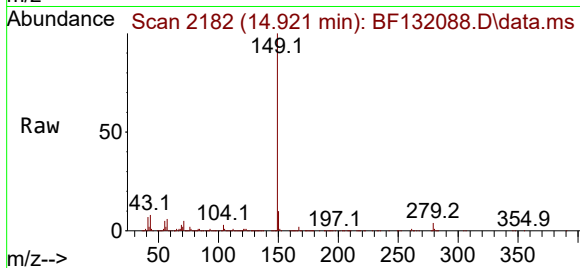
Tgt Ion:149 Resp: 1524168

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 8.4 8.8 13.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.916 min Scan# 2351

Delta R.T. 0.000 min

Lab File: BF132088.D

Acq: 17 Jan 2023 01:20

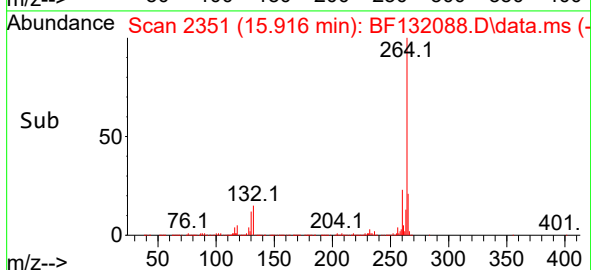
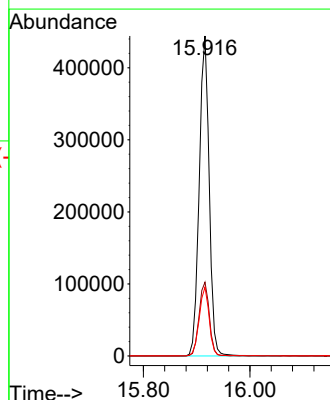
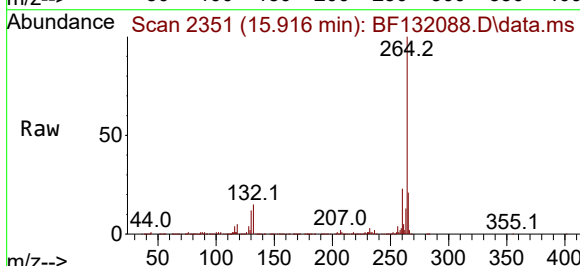
Tgt Ion:264 Resp: 577623

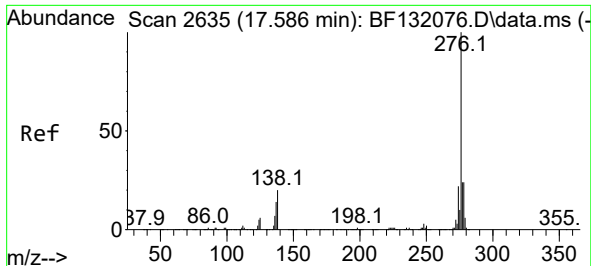
Ion Ratio Lower Upper

264 100

260 23.1 19.1 28.7

265 21.5 17.1 25.7

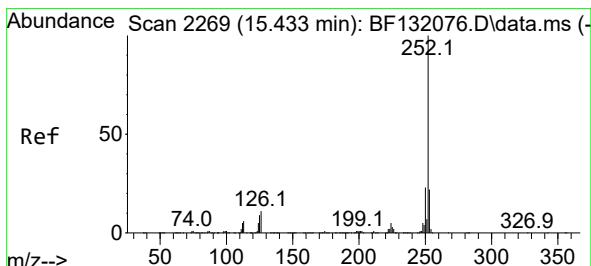
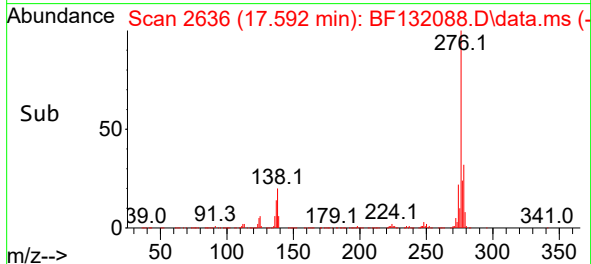
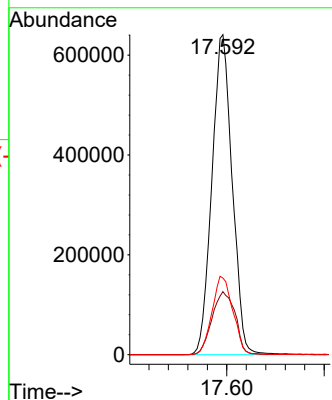
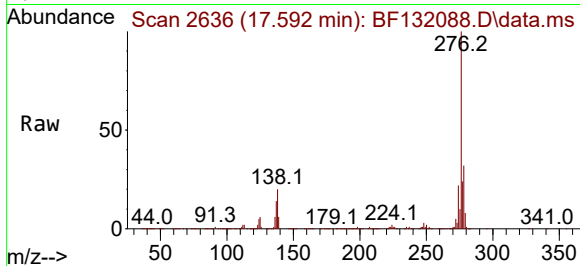




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 51.034 ng
 RT: 17.592 min Scan# 2636
 Delta R.T. 0.006 min
 Lab File: BF132088.D
 Acq: 17 Jan 2023 01:20

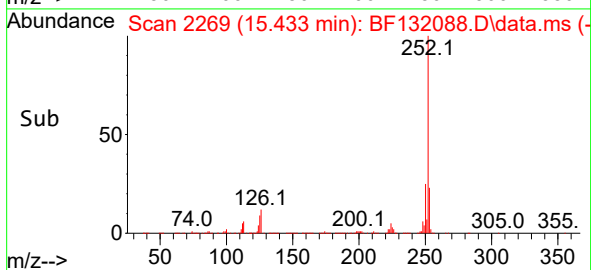
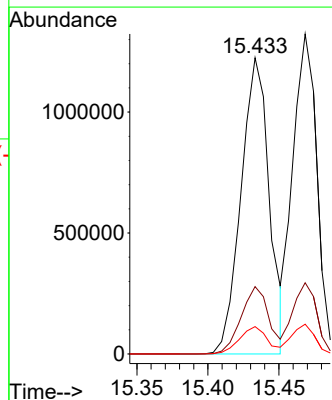
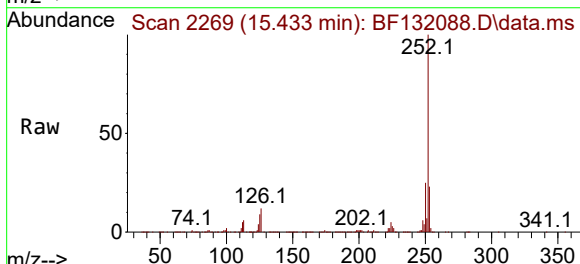
Instrument :
 BNA_F
 ClientSampleId :
 PB150209BS

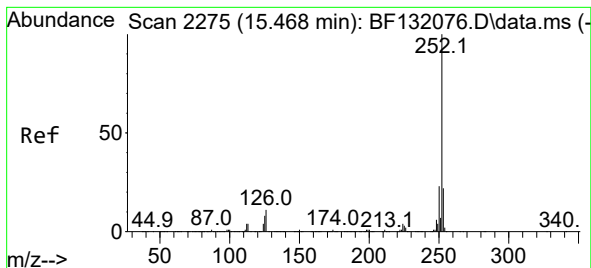
Tgt Ion:276 Resp: 1852223
 Ion Ratio Lower Upper
 276 100
 138 22.6 19.2 28.8
 277 25.2 20.0 30.0



#88
 Benzo(b)fluoranthene
 Concen: 47.936 ng
 RT: 15.433 min Scan# 2269
 Delta R.T. 0.000 min
 Lab File: BF132088.D
 Acq: 17 Jan 2023 01:20

Tgt Ion:252 Resp: 1698934
 Ion Ratio Lower Upper
 252 100
 253 22.7 17.7 26.5
 125 9.3 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 44.995 ng

RT: 15.468 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF132088.D

Acq: 17 Jan 2023 01:20

Instrument :

BNA_F

ClientSampleId :

PB150209BS

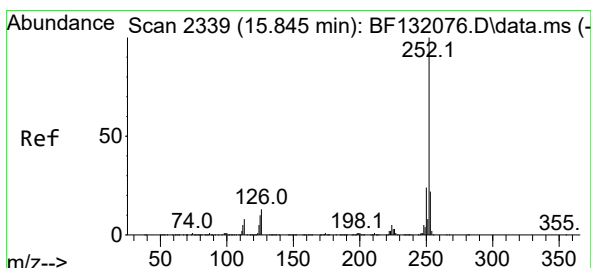
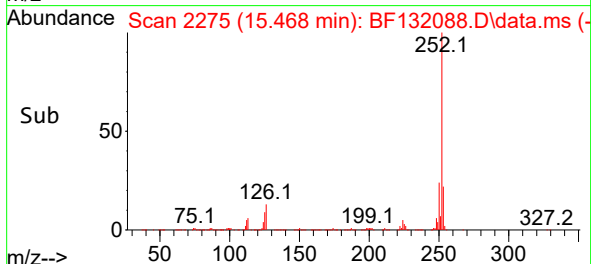
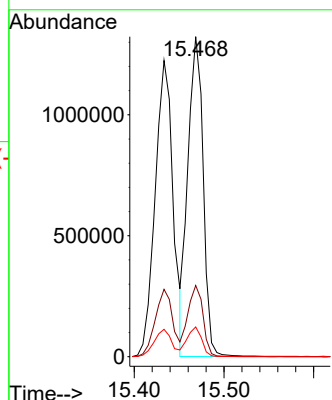
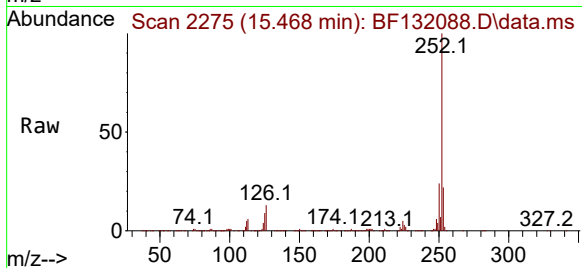
Tgt Ion:252 Resp: 1561358

Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 9.3 6.8 10.2



#90

Benzo(a)pyrene

Concen: 44.419 ng

RT: 15.851 min Scan# 2340

Delta R.T. 0.006 min

Lab File: BF132088.D

Acq: 17 Jan 2023 01:20

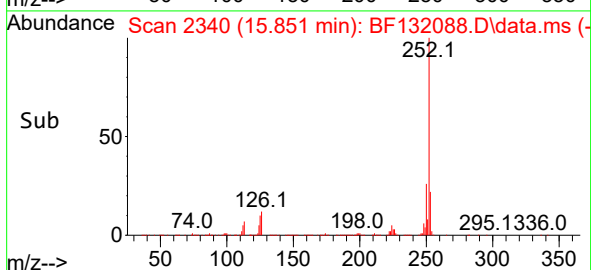
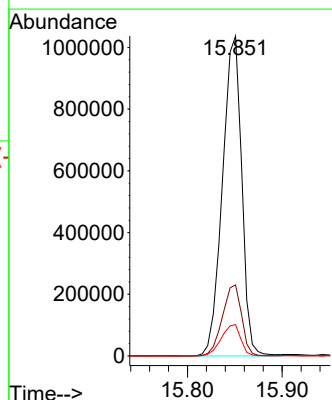
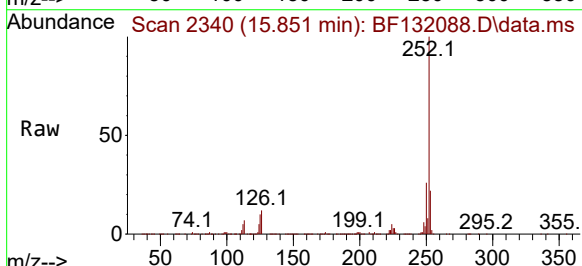
Tgt Ion:252 Resp: 1467335

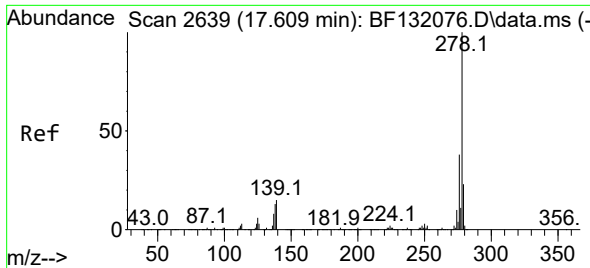
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 9.8 8.3 12.5

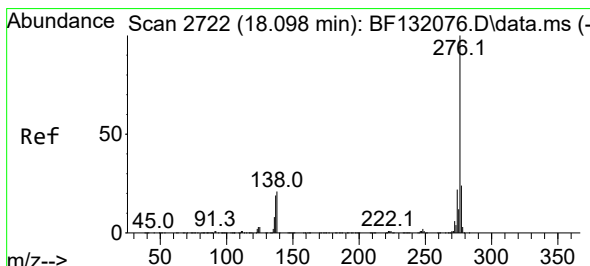
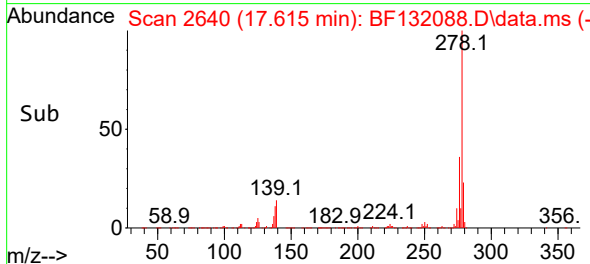
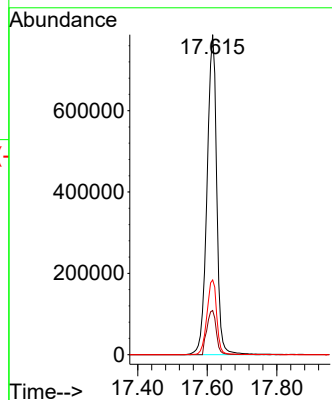
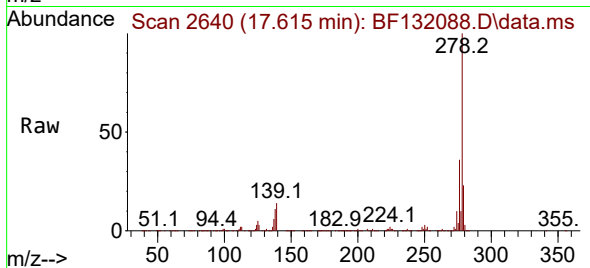




#91
Dibenzo(a,h)anthracene
Concen: 51.798 ng
RT: 17.615 min Scan# 2640
Delta R.T. 0.006 min
Lab File: BF132088.D
Acq: 17 Jan 2023 01:20

Instrument :
BNA_F
ClientSampleId :
PB150209BS

Tgt Ion:278 Resp: 1525884
Ion Ratio Lower Upper
278 100
139 13.8 11.9 17.9
279 23.3 18.6 27.8



#92
Benzo(g,h,i)perylene
Concen: 51.216 ng
RT: 18.104 min Scan# 2723
Delta R.T. 0.006 min
Lab File: BF132088.D
Acq: 17 Jan 2023 01:20

Tgt Ion:276 Resp: 1560691
Ion Ratio Lower Upper
276 100
277 23.9 19.2 28.8
138 19.4 16.7 25.1

