

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
 Data File : BF132736.D
 Acq On : 10 Mar 2023 12:16
 Operator : CG\JU
 Sample : PB151310BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151310BS

Quant Time: Mar 10 13:15:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 16:26:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.981	152	247979	20.000	ng	0.00
21) Naphthalene-d8	8.269	136	938277	20.000	ng	0.00
39) Acenaphthene-d10	10.028	164	491623	20.000	ng	0.00
64) Phenanthrene-d10	11.528	188	908713	20.000	ng	0.00
76) Chrysene-d12	14.186	240	508740	20.000	ng	# 0.00
86) Perylene-d12	15.727	264	445423	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.622	112	1864220	122.009	ng	0.01
7) Phenol-d6	6.622	99	2387922	119.750	ng	0.00
23) Nitrobenzene-d5	7.551	82	1614287	81.627	ng	0.00
42) 2,4,6-Tribromophenol	10.828	330	676243	127.369	ng	0.00
45) 2-Fluorobiphenyl	9.345	172	2509726	77.732	ng	0.00
79) Terphenyl-d14	13.116	244	2936621	97.596	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.934	88	298394	35.305	ng	96
3) Pyridine	3.681	79	820645	36.579	ng	94
4) n-Nitrosodimethylamine	3.657	42	352266	41.569	ng	84
6) Aniline	6.645	93	979231	36.490	ng	97
8) 2-Chlorophenol	6.769	128	782117	49.320	ng	97
9) Benzaldehyde	6.534	77	357269	33.203	ng	96
10) Phenol	6.634	94	943542	41.272	ng	94
11) bis(2-Chloroethyl)ether	6.716	93	842324	47.727	ng	95
12) 1,3-Dichlorobenzene	6.922	146	812844	47.765	ng	98
13) 1,4-Dichlorobenzene	6.998	146	814163	47.913	ng	100
14) 1,2-Dichlorobenzene	7.151	146	791841	48.556	ng	98
15) Benzyl Alcohol	7.128	79	702111	45.718	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.251	45	998070	44.347	ng	89
17) 2-Methylphenol	7.240	107	643832	43.502	ng	98
18) Hexachloroethane	7.492	117	325172	48.982	ng	97
19) n-Nitroso-di-n-propyla...	7.398	70	512045	41.723	ng	94
20) 3+4-Methylphenols	7.392	107	699134	36.565	ng	98
22) Acetophenone	7.392	105	1003620	42.420	ng	94
24) Nitrobenzene	7.569	77	883243	41.760	ng	96
25) Isophorone	7.804	82	1650934	43.542	ng	100
26) 2-Nitrophenol	7.887	139	428739	45.943	ng	92
27) 2,4-Dimethylphenol	7.916	122	652824	44.324	ng	98
28) bis(2-Chloroethoxy)met...	8.010	93	988159	44.551	ng	99
29) 2,4-Dichlorophenol	8.128	162	644922	44.018	ng	98
30) 1,2,4-Trichlorobenzene	8.210	180	734651	46.178	ng	98
31) Naphthalene	8.292	128	2034774	42.361	ng	100
32) Benzoic acid	8.057	122	418485	37.011	ng	94
33) 4-Chloroaniline	8.334	127	303936	14.766	ng	96
34) Hexachlorobutadiene	8.398	225	475079	46.993	ng	99
35) Caprolactam	8.728	113	145583	30.140	ng	89
36) 4-Chloro-3-methylphenol	8.828	107	710793	44.176	ng	94
37) 2-Methylnaphthalene	8.981	142	1363121	41.642	ng	99
38) 1-Methylnaphthalene	9.081	142	1256125	41.061	ng	99
40) 1,2,4,5-Tetrachloroben...	9.151	216	735419	45.722	ng	99
41) Hexachlorocyclopentadiene	9.134	237	856919	98.223	ng	99
43) 2,4,6-Trichlorophenol	9.263	196	485173	44.509	ng	98

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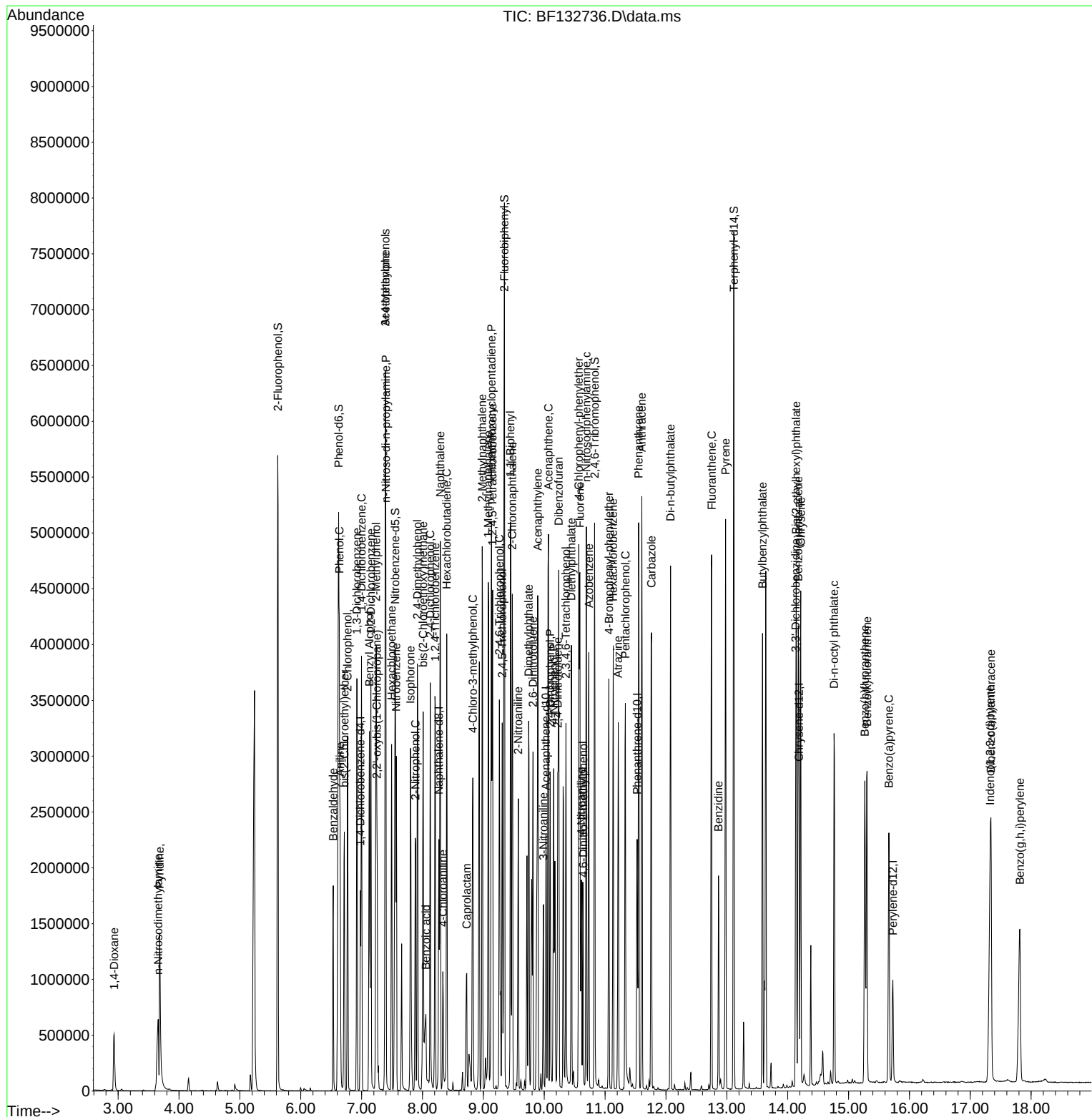
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.310	196	517914	40.709	ng	97
46) 1,1'-Biphenyl	9.445	154	1620719	43.556	ng	99
47) 2-Chloronaphthalene	9.475	162	1309120	44.374	ng	100
48) 2-Nitroaniline	9.575	65	427017	39.300	ng	91
49) Acenaphthylene	9.892	152	1970909	41.976	ng	100
50) Dimethylphthalate	9.745	163	1589030	44.391	ng	99
51) 2,6-Dinitrotoluene	9.816	165	359041	44.042	ng	95
52) Acenaphthene	10.069	154	1159251	38.882	ng	99
53) 3-Nitroaniline	9.986	138	252105	27.645	ng	98
54) 2,4-Dinitrophenol	10.098	184	398931	77.709	ng	98
55) Dibenzofuran	10.239	168	1779149	40.933	ng	97
56) 4-Nitrophenol	10.157	139	490718	72.155	ng	98
57) 2,4-Dinitrotoluene	10.222	165	468362	43.185	ng	99
58) Fluorene	10.586	166	1402141	42.174	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.357	232	429384	45.434	ng	97
60) Diethylphthalate	10.445	149	1510351	43.202	ng	99
61) 4-Chlorophenyl-phenyle...	10.569	204	751424	43.568	ng	97
62) 4-Nitroaniline	10.610	138	376713	42.083	ng	98
63) Azobenzene	10.733	77	1518769	41.020	ng	98
65) 4,6-Dinitro-2-methylph...	10.639	198	278261	45.234	ng	88
66) n-Nitrosodiphenylamine	10.692	169	1252145	44.199	ng	99
67) 4-Bromophenyl-phenylether	11.063	248	472643	45.982	ng	98
68) Hexachlorobenzene	11.133	284	533375	49.314	ng	97
69) Atrazine	11.216	200	451531	51.054	ng	98
70) Pentachlorophenol	11.333	266	485688	75.475	ng	99
71) Phenanthrene	11.551	178	2027914	43.078	ng	99
72) Anthracene	11.604	178	2067241	42.644	ng	99
73) Carbazole	11.763	167	1860181	42.560	ng	99
74) Di-n-butylphthalate	12.075	149	2306541	44.989	ng	100
75) Fluoranthene	12.751	202	2145932	41.698	ng	98
77) Benzidine	12.863	184	769076	62.101	ng	100
78) Pyrene	12.980	202	2179374	47.118	ng	100
80) Butylbenzylphthalate	13.586	149	901649	49.399	ng	99
81) Benzo(a)anthracene	14.174	228	1743262	45.797	ng	98
82) 3,3'-Dichlorobenzidine	14.133	252	354421	31.582	ng #	98
83) Chrysene	14.216	228	1597815	44.888	ng	99
84) Bis(2-ethylhexyl)phtha...	14.139	149	1168164	52.098	ng	100
85) Di-n-octyl phthalate	14.763	149	1771810	54.075	ng	98
87) Indeno(1,2,3-cd)pyrene	17.327	276	1499351	51.372	ng	99
88) Benzo(b)fluoranthene	15.268	252	1542453	51.673	ng	99
89) Benzo(k)fluoranthene	15.304	252	1299157	44.470	ng	98
90) Benzo(a)pyrene	15.663	252	1246782	44.628	ng	98
91) Dibenzo(a,h)anthracene	17.339	278	1228852	51.676	ng	98
92) Benzo(g,h,i)perylene	17.815	276	1285034	47.823	ng	99

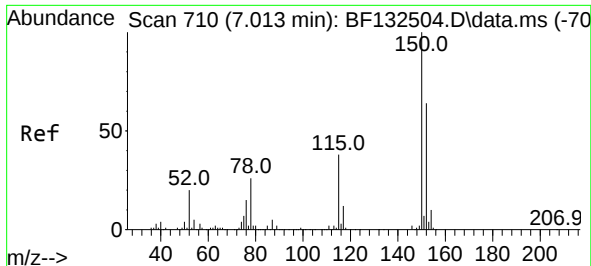
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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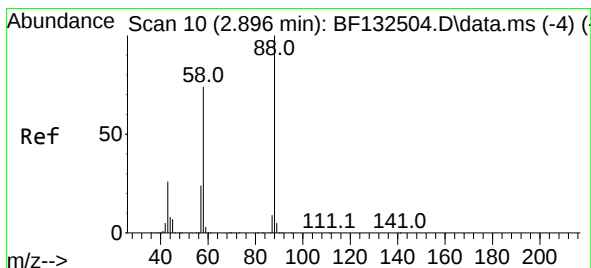
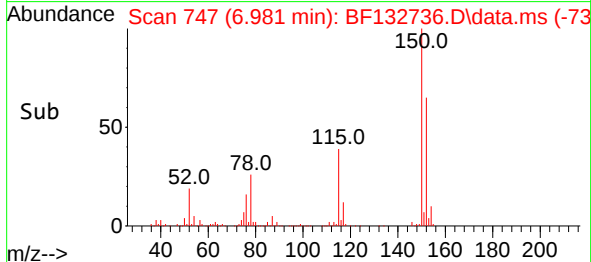
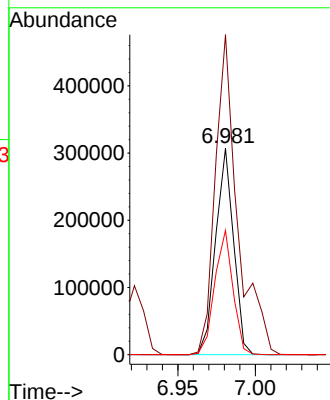
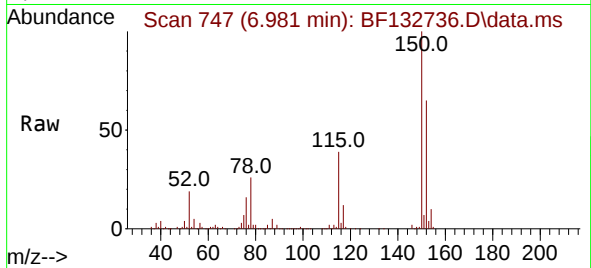




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.981 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF132736.D
 Acq: 10 Mar 2023 12:16

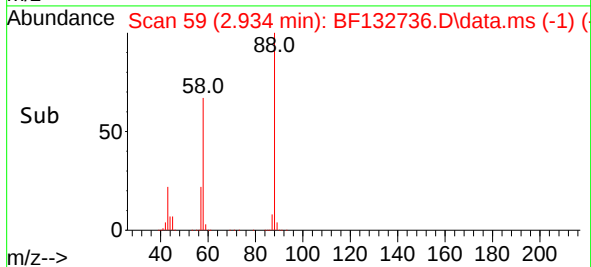
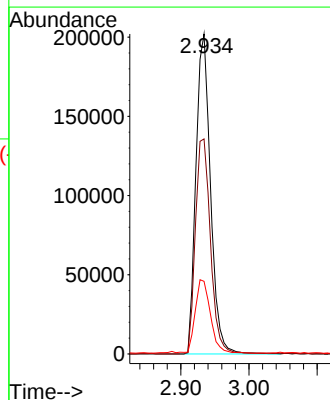
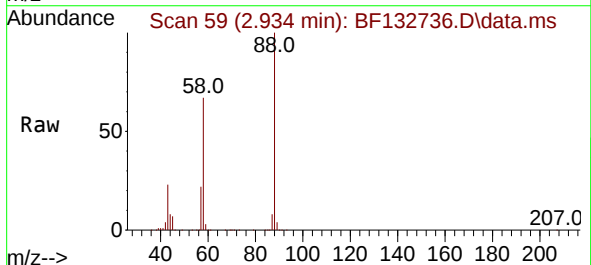
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 BNA_F
 ClientSampleId :
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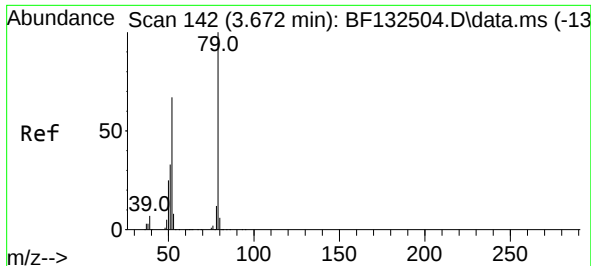
Tgt Ion:152 Resp: 247979
 Ion Ratio Lower Upper
 152 100
 150 155.0 125.4 188.2
 115 60.2 47.8 71.6



#2
 1,4-Dioxane
 Concen: 35.305 ng
 RT: 2.934 min Scan# 59
 Delta R.T. 0.094 min
 Lab File: BF132736.D
 Acq: 10 Mar 2023 12:16

Tgt Ion: 88 Resp: 298394
 Ion Ratio Lower Upper
 88 100
 58 69.7 58.3 87.5
 43 23.9 20.7 31.1





#3

Pyridine

Concen: 36.579 ng

RT: 3.681 min Scan# 186

Delta R.T. 0.059 min

Lab File: BF132736.D

Acq: 10 Mar 2023 12:16

Instrument :

BNA_F

ClientSampleId :

PB151310BS

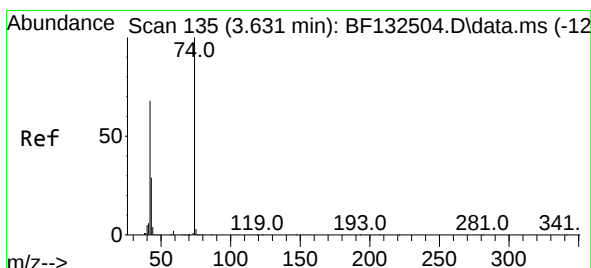
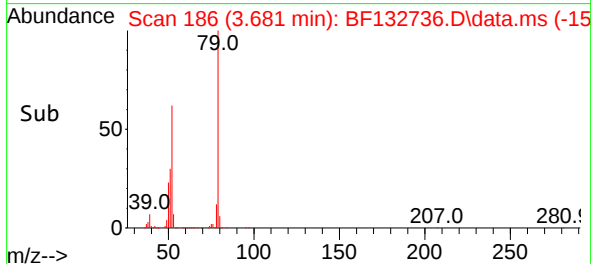
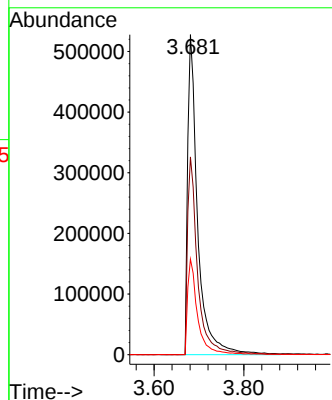
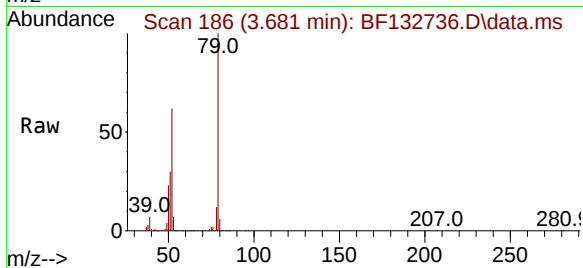
Tgt Ion: 79 Resp: 820645

Ion Ratio Lower Upper

79 100

52 61.8 53.7 80.5

51 29.9 26.6 40.0



#4

n-Nitrosodimethylamine

Concen: 41.569 ng

RT: 3.657 min Scan# 182

Delta R.T. 0.071 min

Lab File: BF132736.D

Acq: 10 Mar 2023 12:16

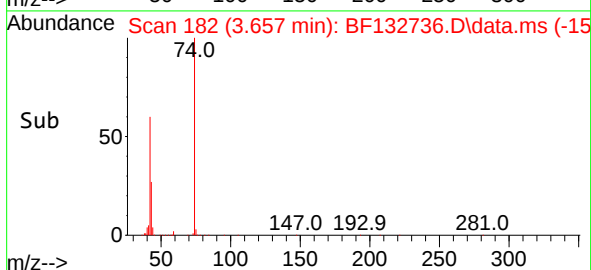
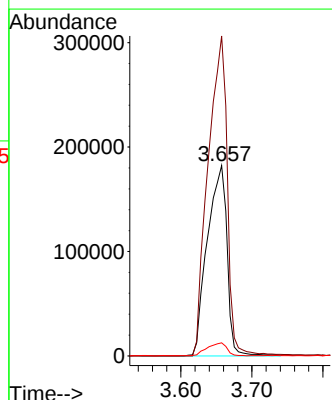
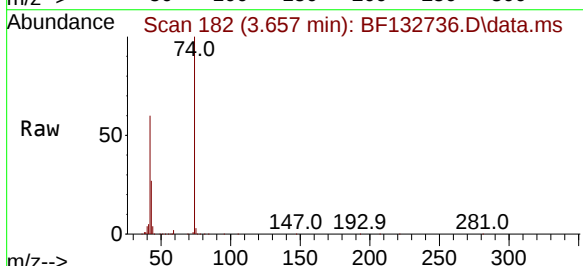
Tgt Ion: 42 Resp: 352266

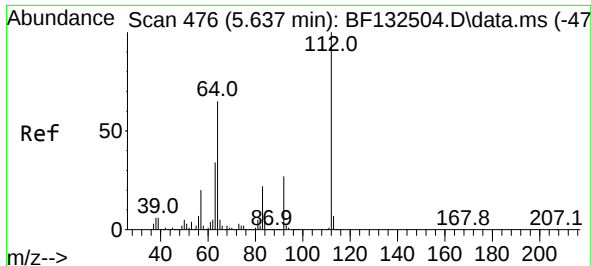
Ion Ratio Lower Upper

42 100

74 168.0 118.2 177.2

44 6.9 5.3 7.9

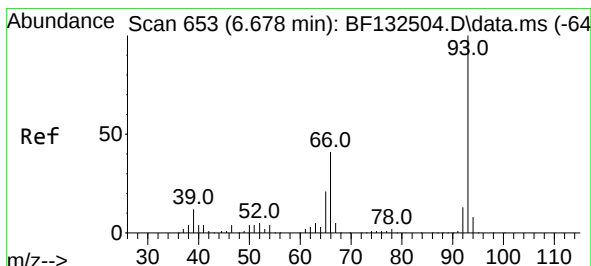
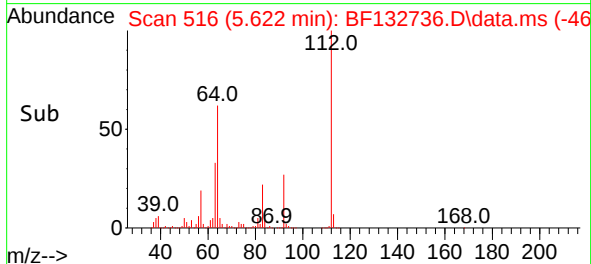
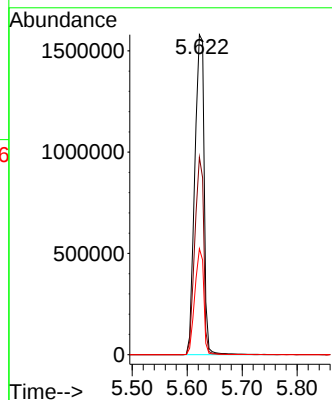
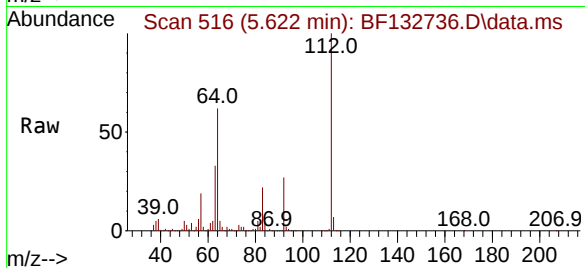




#5
2-Fluorophenol
Concen: 122.009 ng
RT: 5.622 min Scan# 516
Delta R.T. 0.012 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

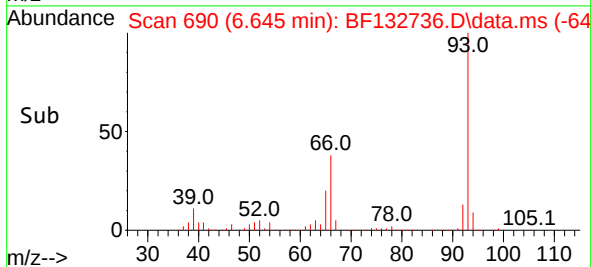
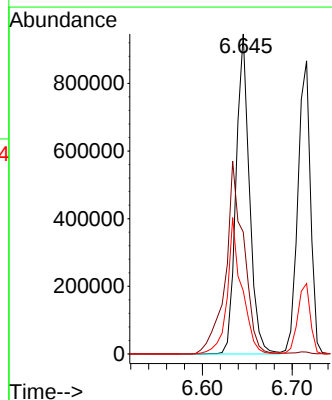
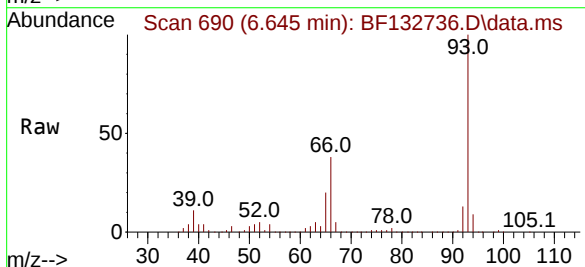
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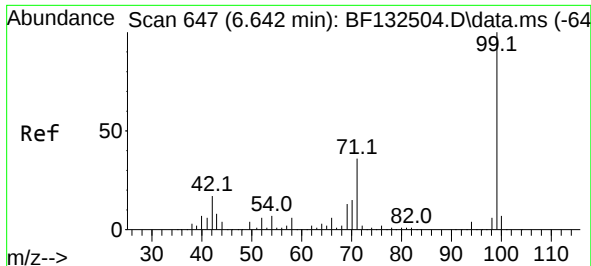
Tgt Ion:112 Resp: 1864220
Ion Ratio Lower Upper
112 100
64 61.7 51.6 77.4
63 33.1 27.4 41.2



#6
Aniline
Concen: 36.490 ng
RT: 6.645 min Scan# 690
Delta R.T. -0.006 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

Tgt Ion: 93 Resp: 979231
Ion Ratio Lower Upper
93 100
66 38.1 32.5 48.7
65 19.7 16.6 24.8



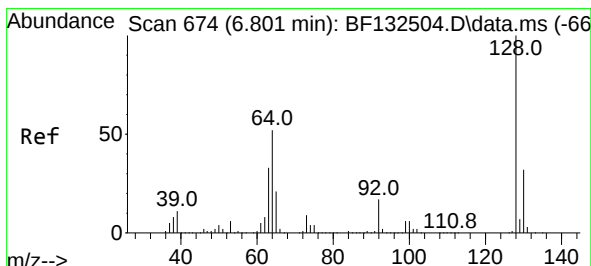
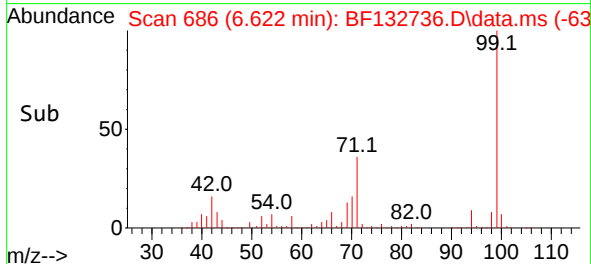
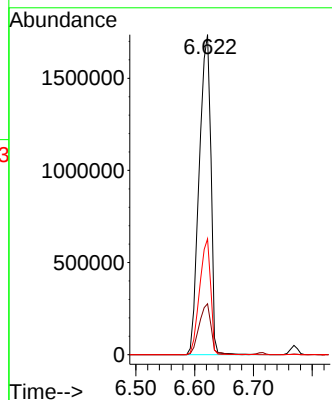
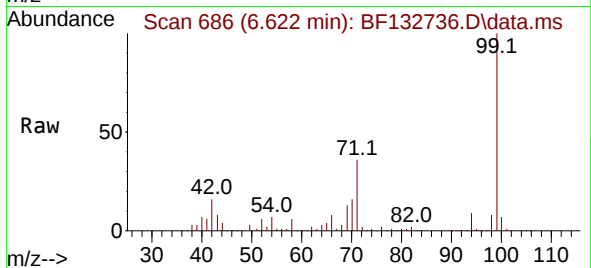


#7
Phenol-d6
Concen: 119.750 ng
RT: 6.622 min Scan# 611
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

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Tgt Ion: 99 Resp: 2387922

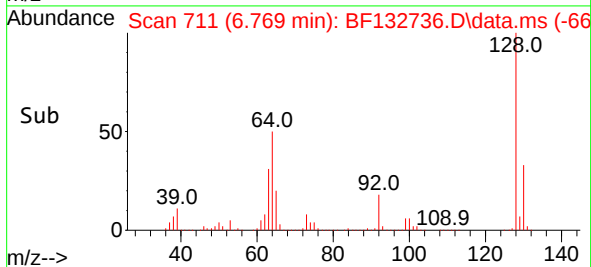
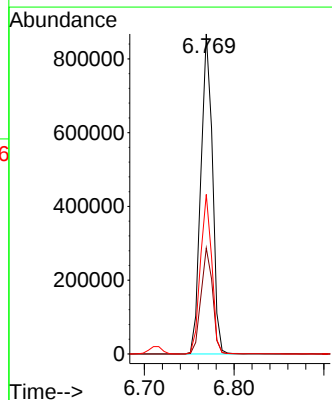
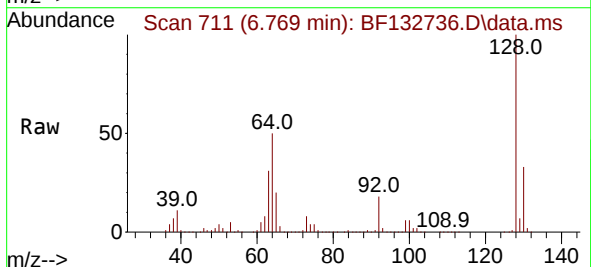
Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.9	20.9
71	36.2	28.5	42.7

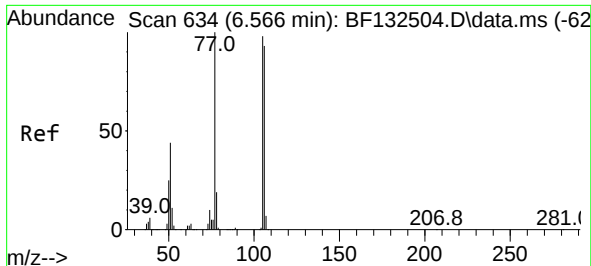


#8
2-Chlorophenol
Concen: 49.320 ng
RT: 6.769 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

Tgt Ion: 128 Resp: 782117

Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.1	52.1
64	49.8	32.0	72.0

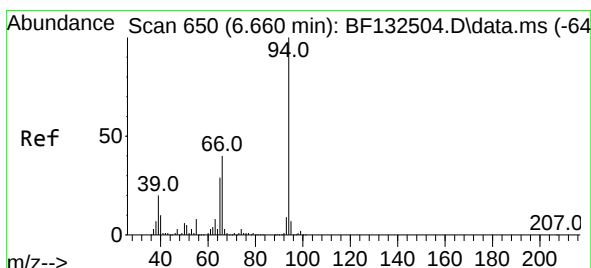
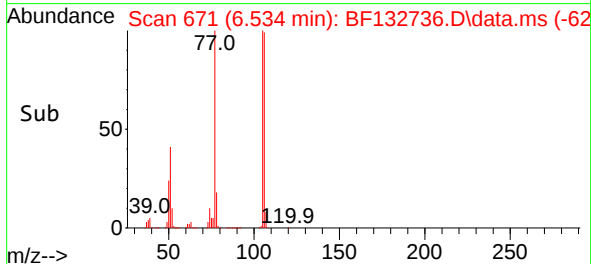
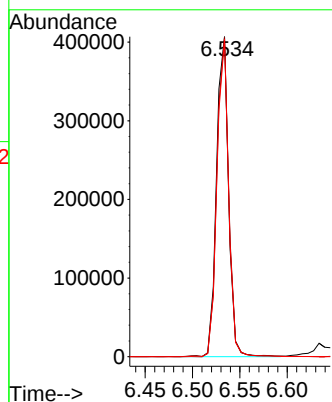
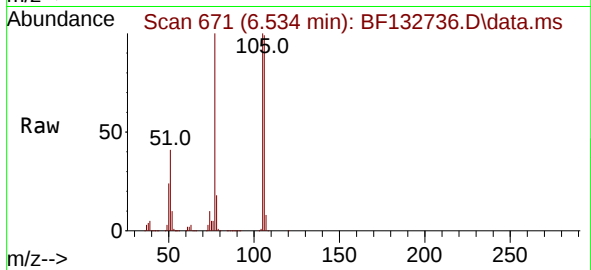




#9
Benzaldehyde
Concen: 33.203 ng
RT: 6.534 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

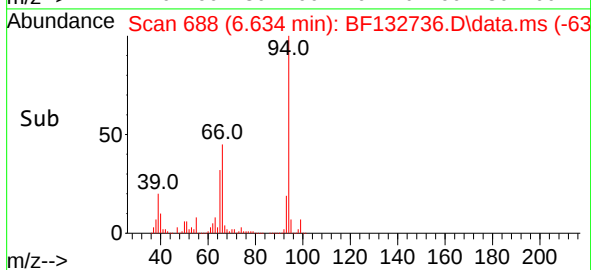
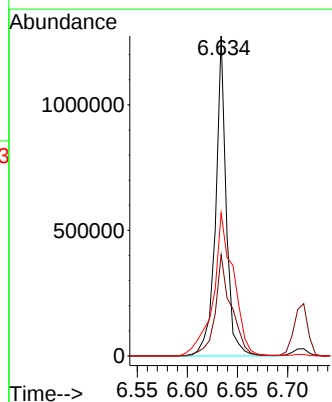
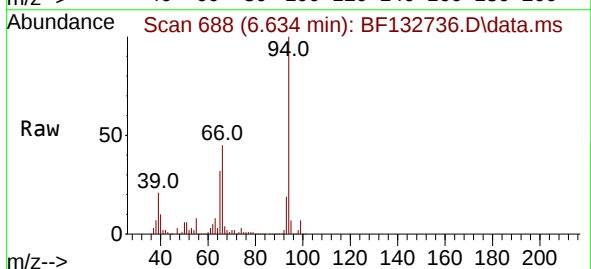
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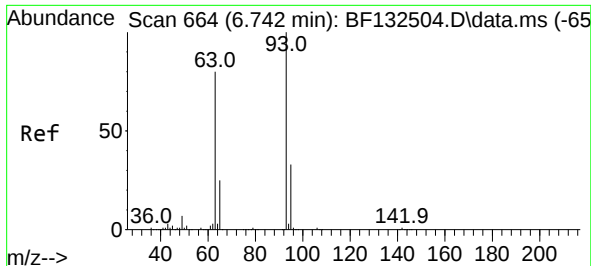
Tgt Ion: 77 Resp: 357269
Ion Ratio Lower Upper
77 100
105 99.9 77.9 117.9
106 99.3 73.4 113.4



#10
Phenol
Concen: 41.272 ng
RT: 6.634 min Scan# 688
Delta R.T. -0.006 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

Tgt Ion: 94 Resp: 943542
Ion Ratio Lower Upper
94 100
65 31.6 9.4 49.4
66 44.7 19.8 59.8

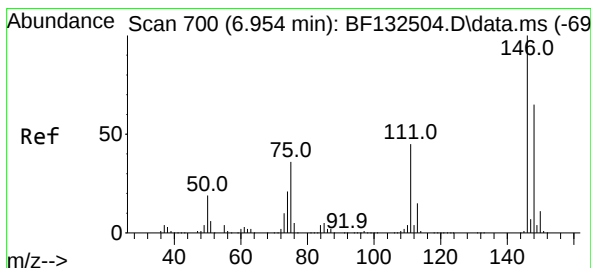
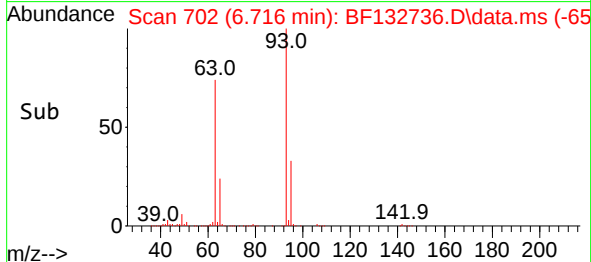
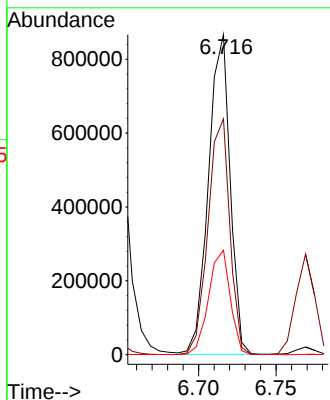
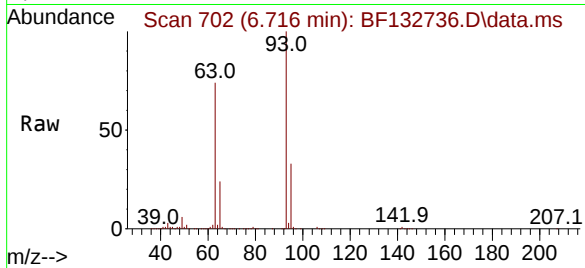




#11
bis(2-Chloroethyl)ether
Concen: 47.727 ng
RT: 6.716 min Scan# 702
Delta R.T. -0.006 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

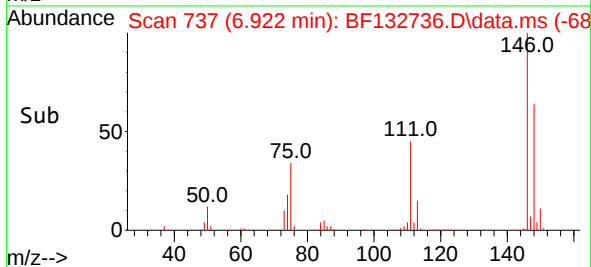
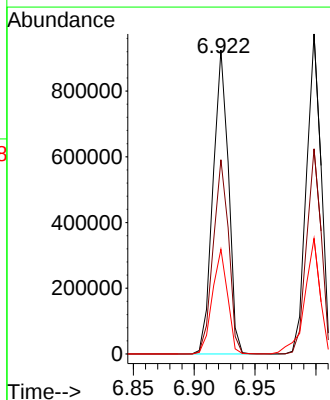
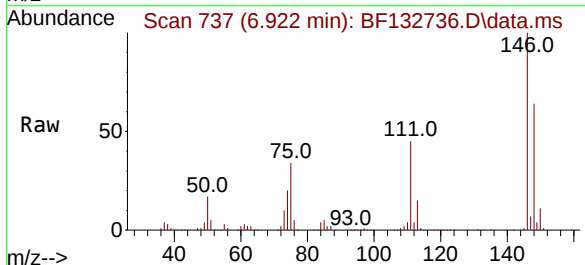
Instrument :
BNA_F
ClientSampleId :
PB151310BS

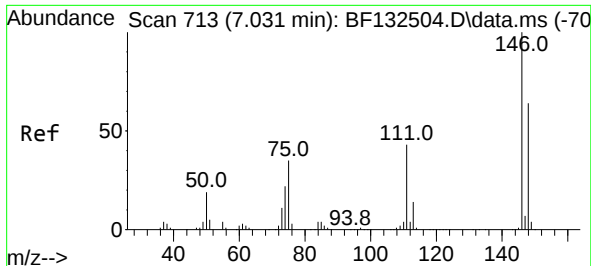
Tgt Ion: 93 Resp: 842324
Ion Ratio Lower Upper
93 100
63 73.7 59.6 99.6
95 32.6 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 47.765 ng
RT: 6.922 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

Tgt Ion:146 Resp: 812844
Ion Ratio Lower Upper
146 100
148 63.9 51.9 77.9
75 34.4 28.9 43.3

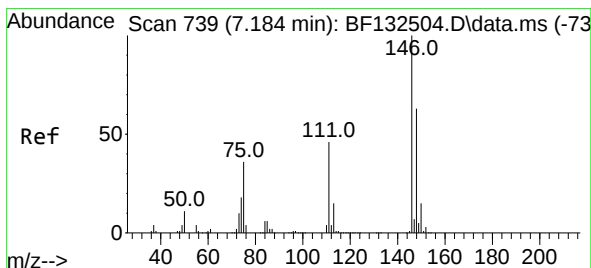
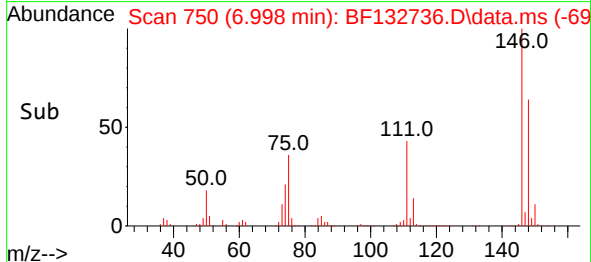
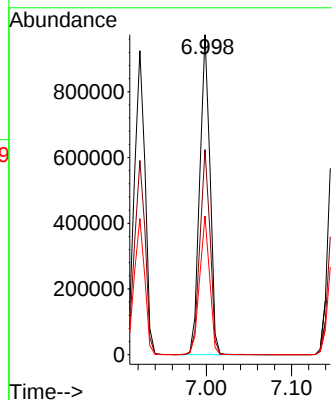
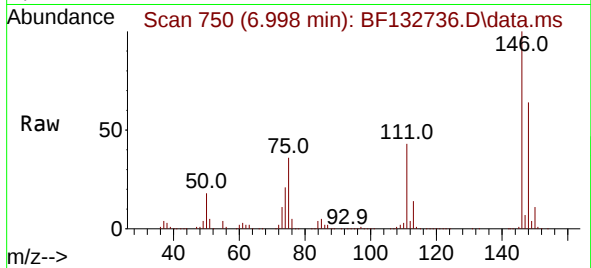




#13
 1,4-Dichlorobenzene
 Concen: 47.913 ng
 RT: 6.998 min Scan# 713
 Delta R.T. 0.000 min
 Lab File: BF132736.D
 Acq: 10 Mar 2023 12:16

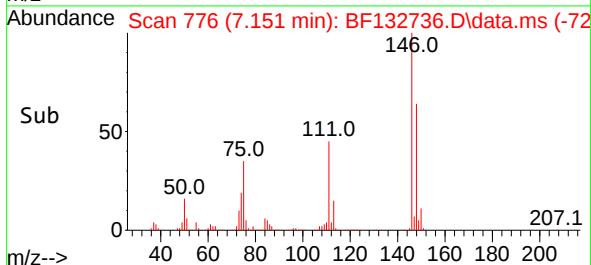
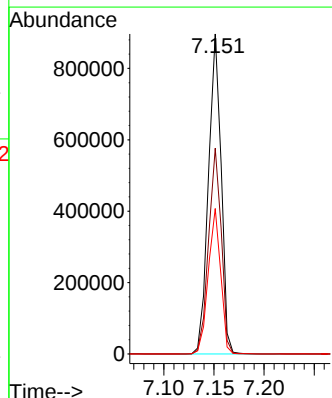
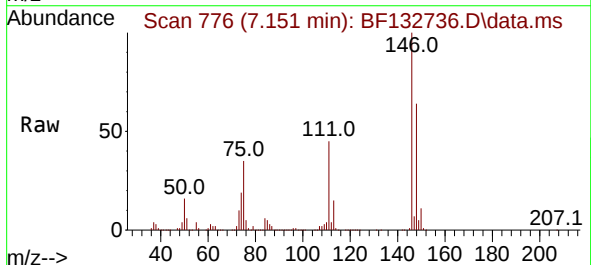
Instrument :
 BNA_F
 ClientSampleId :
 PB151310BS

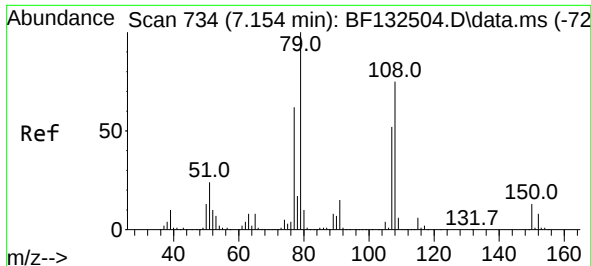
Tgt Ion:146 Resp: 814163
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.1 76.7
 111 43.4 34.8 52.2



#14
 1,2-Dichlorobenzene
 Concen: 48.556 ng
 RT: 7.151 min Scan# 776
 Delta R.T. -0.006 min
 Lab File: BF132736.D
 Acq: 10 Mar 2023 12:16

Tgt Ion:146 Resp: 791841
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.6 75.8
 111 45.4 37.2 55.8

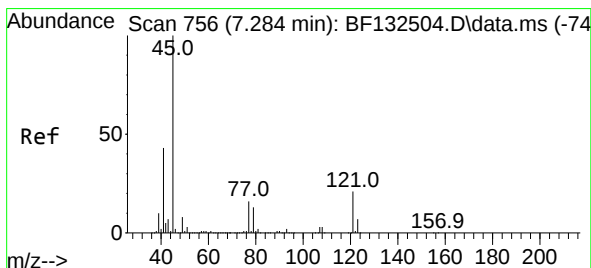
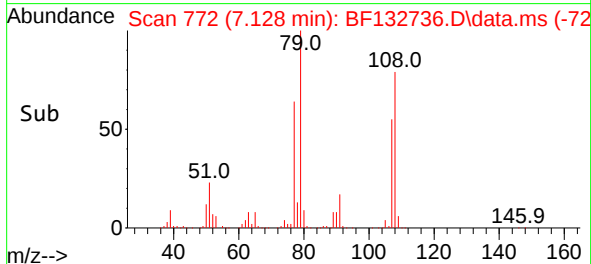
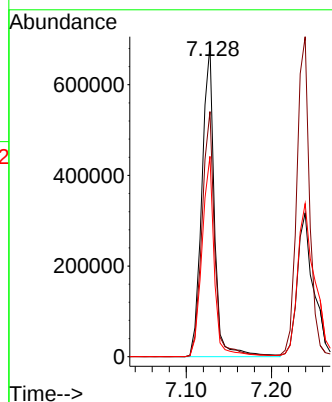
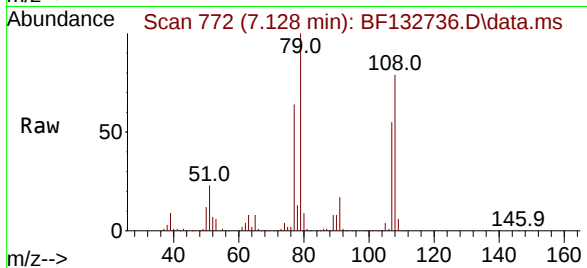




#15
Benzyl Alcohol
Concen: 45.718 ng
RT: 7.128 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

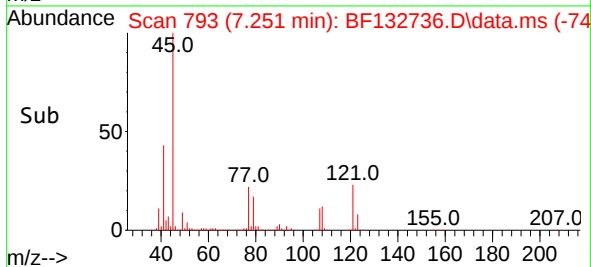
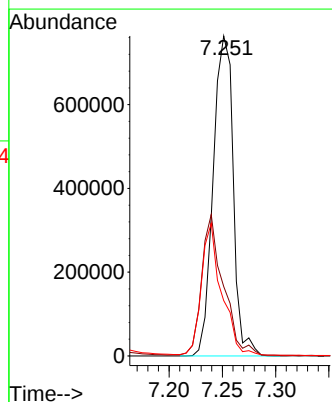
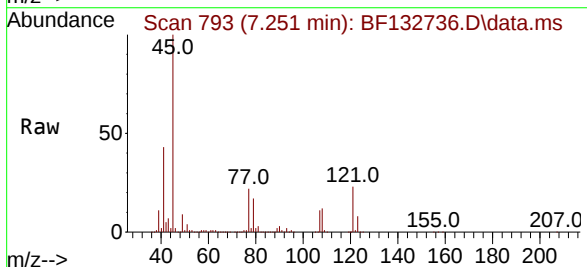
Instrument :
BNA_F
ClientSampleId :
PB151310BS

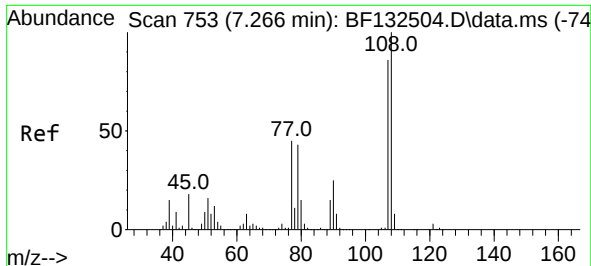
Tgt Ion: 79 Resp: 702111
Ion Ratio Lower Upper
79 100
108 78.6 60.2 90.4
77 64.2 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.347 ng
RT: 7.251 min Scan# 793
Delta R.T. -0.006 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

Tgt Ion: 45 Resp: 998070
Ion Ratio Lower Upper
45 100
77 21.7 0.0 36.4
79 17.3 0.0 33.4

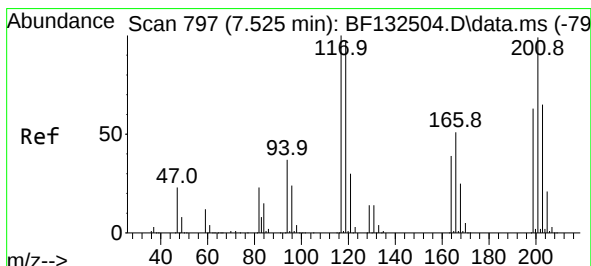
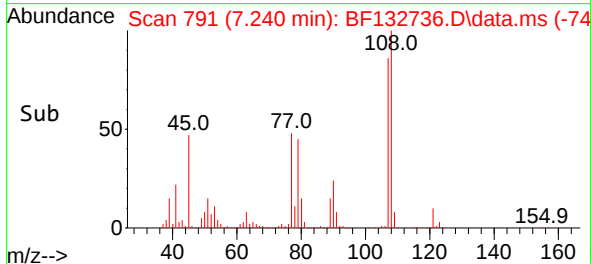
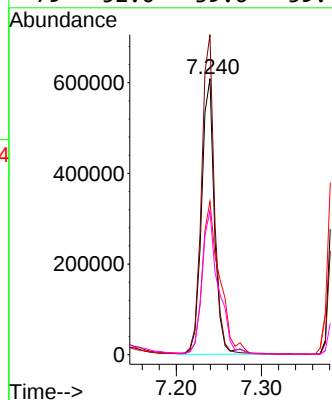
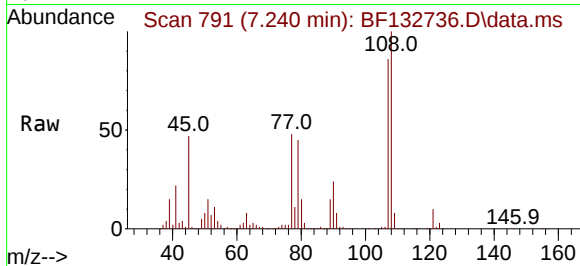




#17
2-Methylphenol
Concen: 43.502 ng
RT: 7.240 min Scan# 791
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

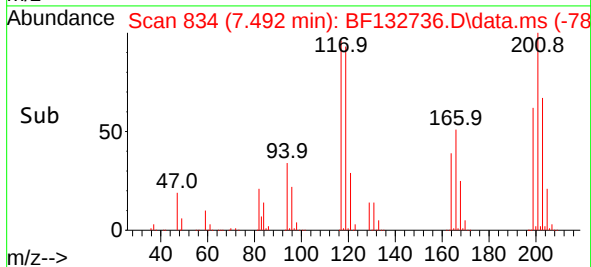
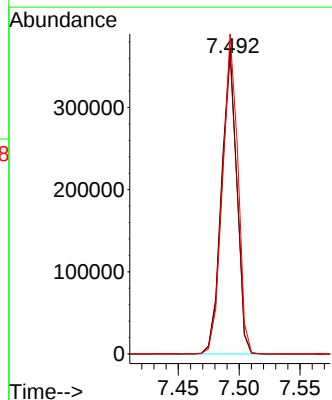
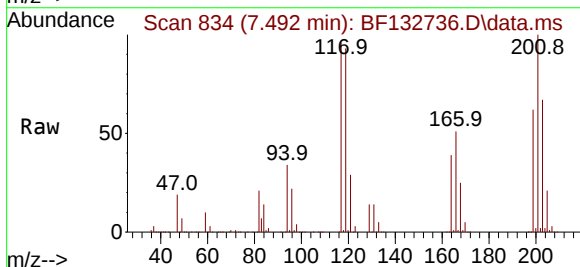
Instrument :
BNA_F
ClientSampleId :
PB151310BS

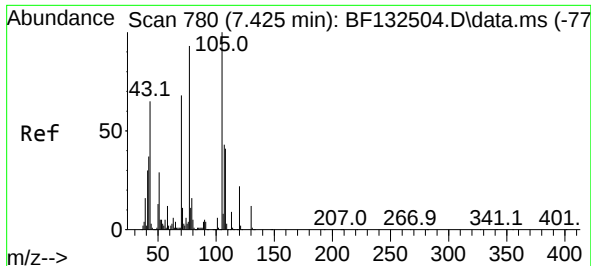
Tgt Ion:107 Resp: 643832
Ion Ratio Lower Upper
107 100
108 115.9 93.0 139.4
77 55.5 42.1 63.1
79 52.0 39.6 59.4



#18
Hexachloroethane
Concen: 48.982 ng
RT: 7.492 min Scan# 834
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

Tgt Ion:117 Resp: 325172
Ion Ratio Lower Upper
117 100
119 97.3 78.0 117.0
201 104.4 79.0 118.4

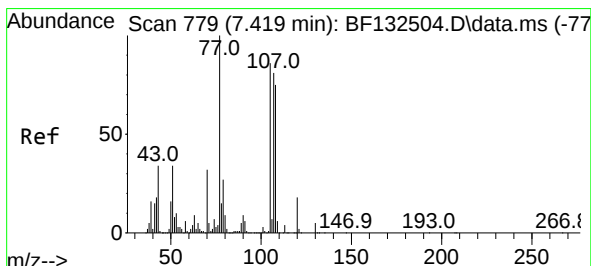
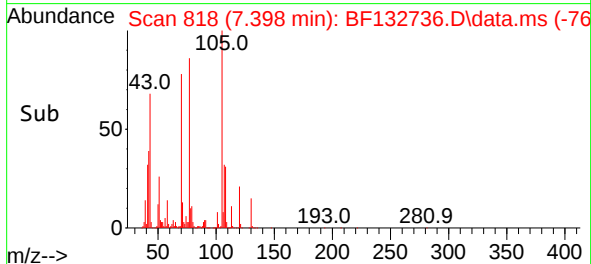
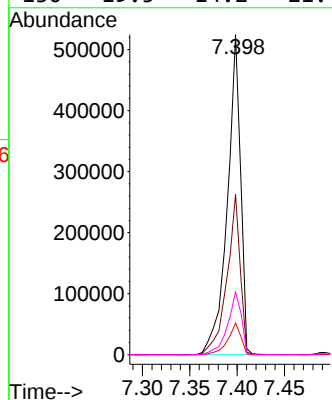
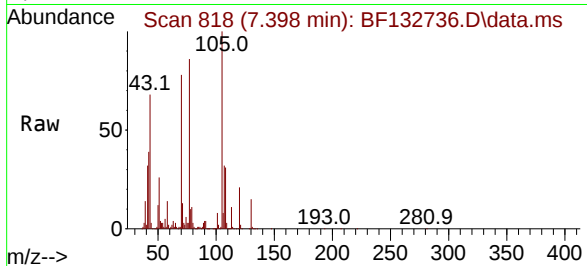




#19
n-Nitroso-di-n-propylamine
Concen: 41.723 ng
RT: 7.398 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

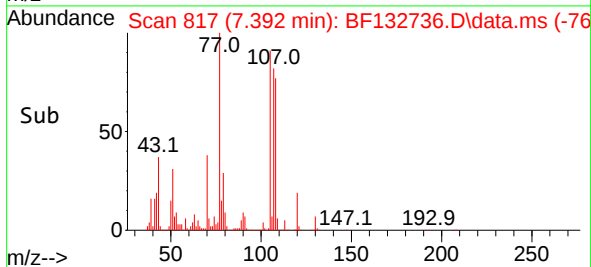
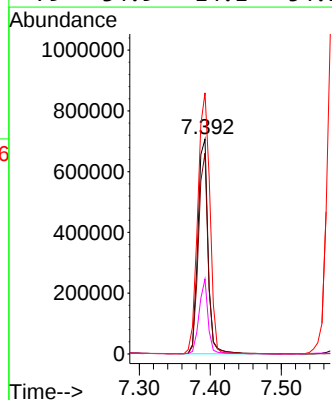
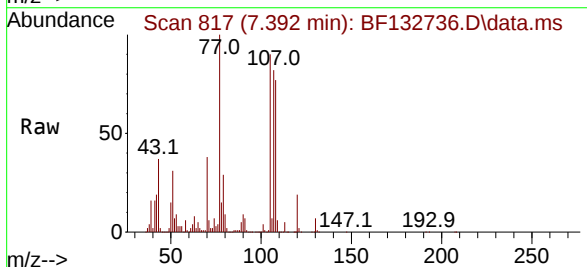
Instrument :
BNA_F
ClientSampleId :
PB151310BS

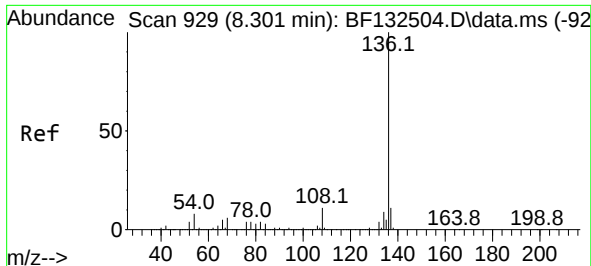
Tgt Ion:	70	Resp:	512045
Ion	Ratio	Lower	Upper
70	100		
42	50.1	44.1	66.1
101	9.9	7.4	11.2
130	19.5	14.2	21.4



#20
3+4-Methylphenols
Concen: 36.565 ng
RT: 7.392 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

Tgt Ion:	107	Resp:	699134
Ion	Ratio	Lower	Upper
107	100		
108	93.5	72.6	112.6
77	121.6	104.0	144.0
79	34.9	14.1	54.1

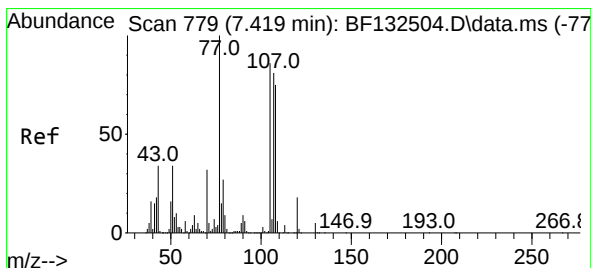
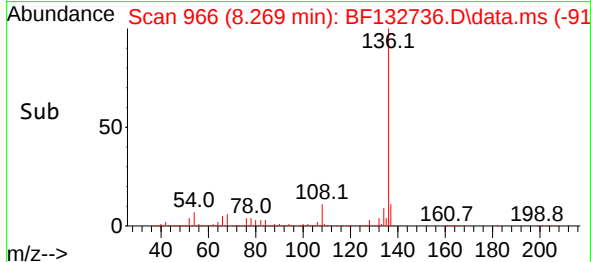
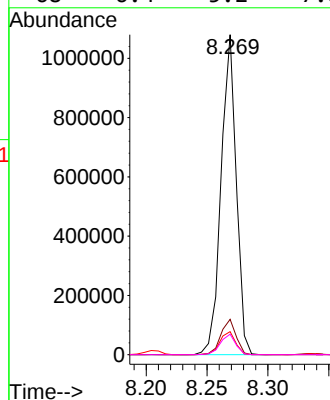
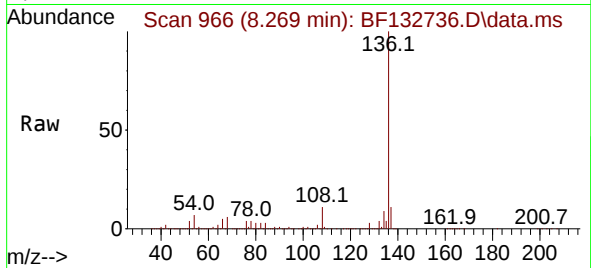




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.269 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

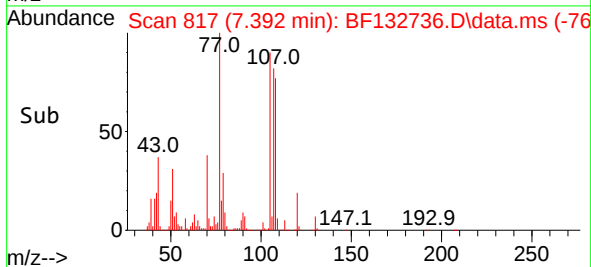
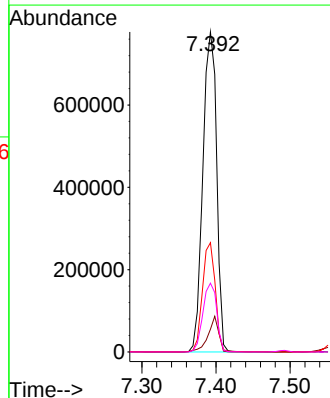
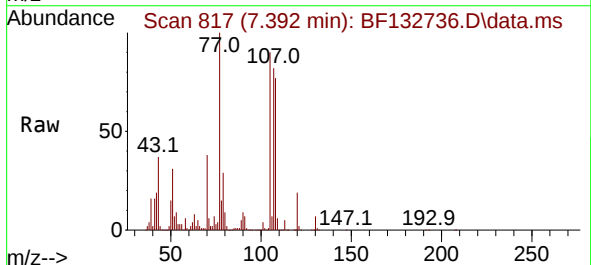
Instrument :
BNA_F
ClientSampleId :
PB151310BS

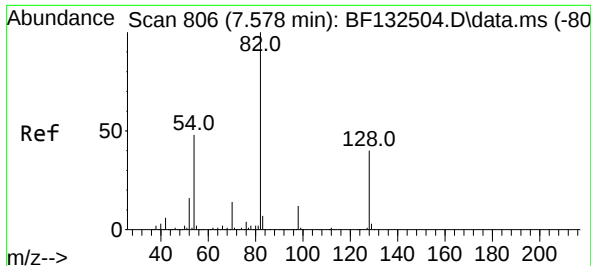
Tgt Ion:136 Resp: 938277
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.2 6.2 9.4
68 6.4 5.2 7.8



#22
Acetophenone
Concen: 42.420 ng
RT: 7.392 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

Tgt Ion:105 Resp: 1003620
Ion Ratio Lower Upper
105 100
71 7.1 5.0 7.4
51 34.1 31.5 47.3
120 21.5 17.0 25.4





#23

Nitrobenzene-d5

Concen: 81.627 ng

RT: 7.551 min Scan# 84

Delta R.T. -0.006 min

Lab File: BF132736.D

Acq: 10 Mar 2023 12:16

Instrument :

BNA_F

ClientSampleId :

PB151310BS

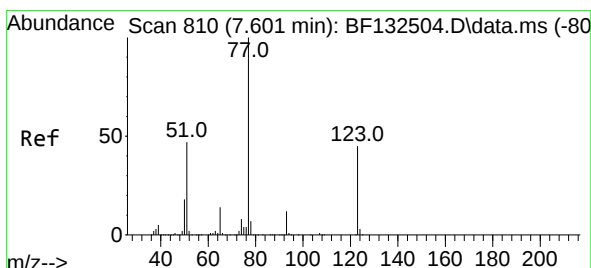
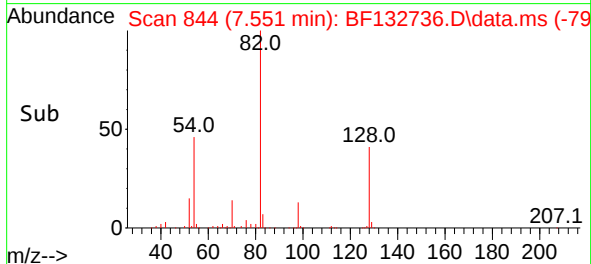
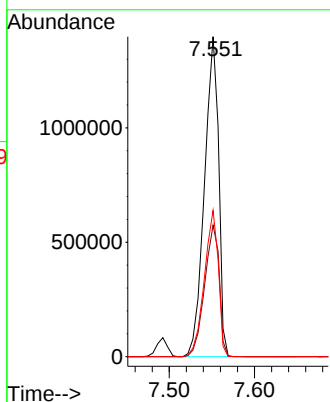
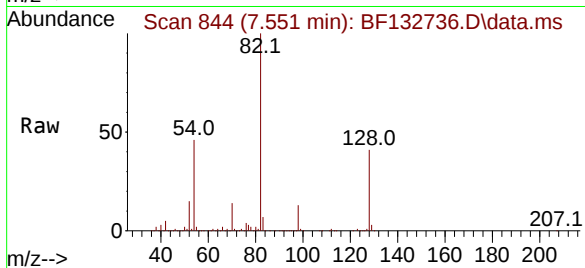
Tgt Ion: 82 Resp: 1614287

Ion Ratio Lower Upper

82 100

128 41.1 32.2 48.2

54 45.7 38.4 57.6



#24

Nitrobenzene

Concen: 41.760 ng

RT: 7.569 min Scan# 847

Delta R.T. -0.006 min

Lab File: BF132736.D

Acq: 10 Mar 2023 12:16

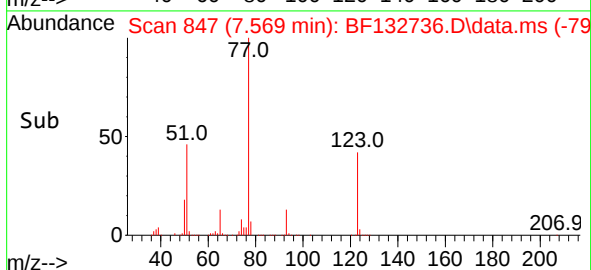
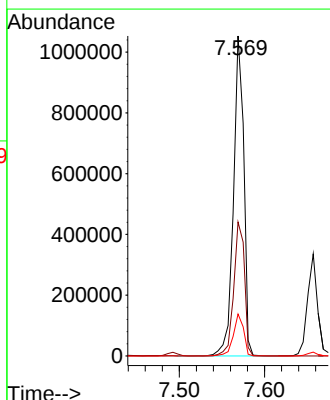
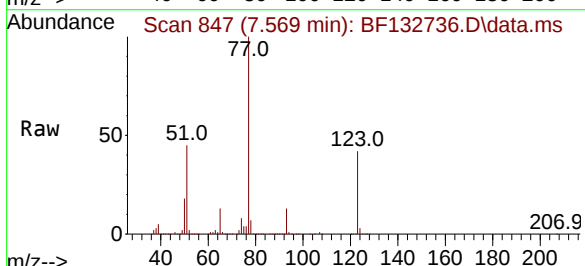
Tgt Ion: 77 Resp: 883243

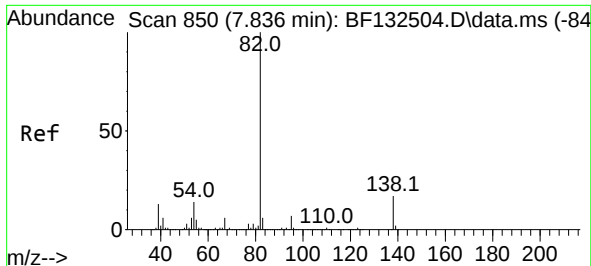
Ion Ratio Lower Upper

77 100

123 41.8 35.8 53.6

65 13.1 10.9 16.3

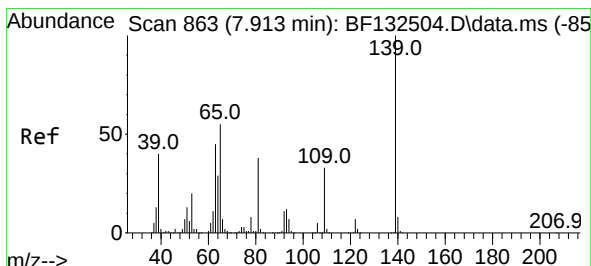
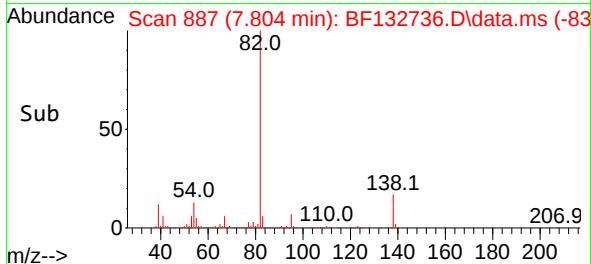
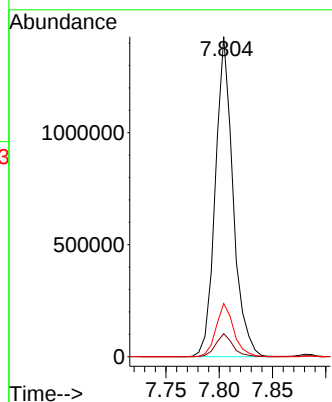
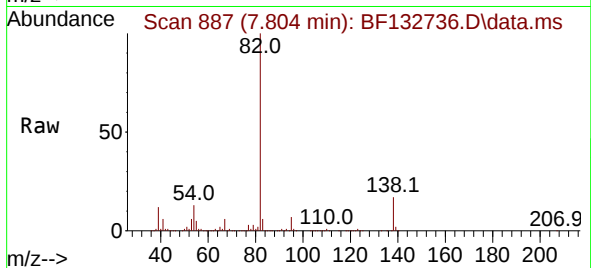




#25
Isophorone
Concen: 43.542 ng
RT: 7.804 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

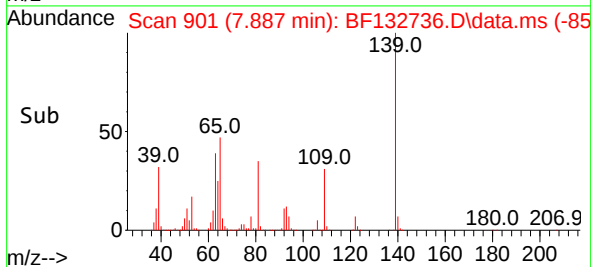
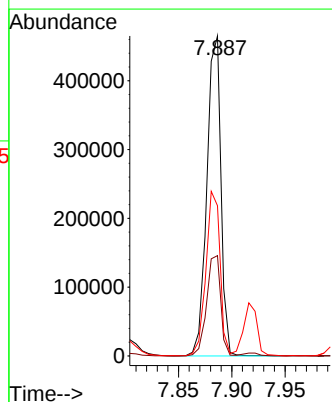
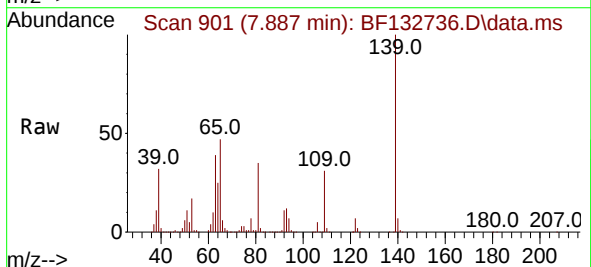
Instrument :
BNA_F
ClientSampleId :
PB151310BS

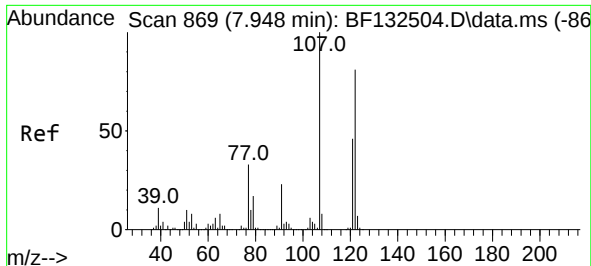
Tgt Ion: 82 Resp: 1650934
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 16.6 13.3 19.9



#26
2-Nitrophenol
Concen: 45.943 ng
RT: 7.887 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

Tgt Ion:139 Resp: 428739
Ion Ratio Lower Upper
139 100
109 31.3 26.2 39.2
65 47.0 43.8 65.8

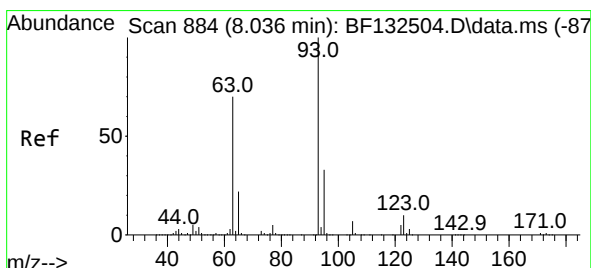
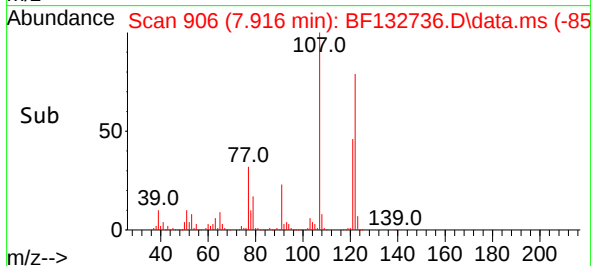
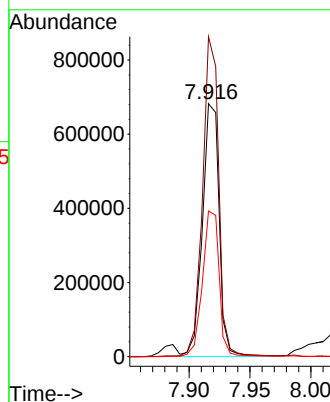
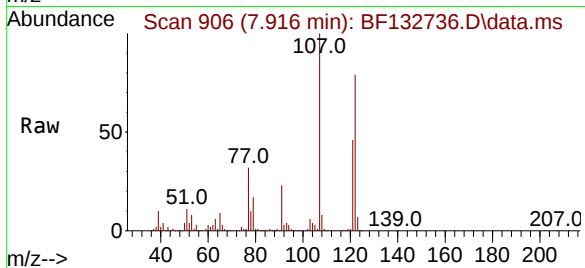




#27
2,4-Dimethylphenol
Concen: 44.324 ng
RT: 7.916 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

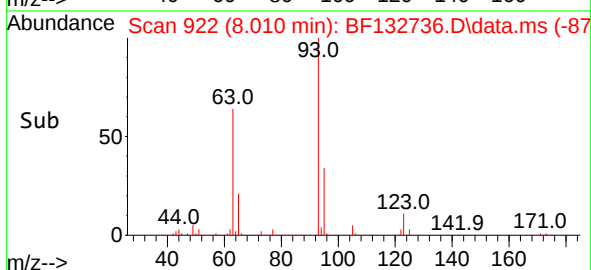
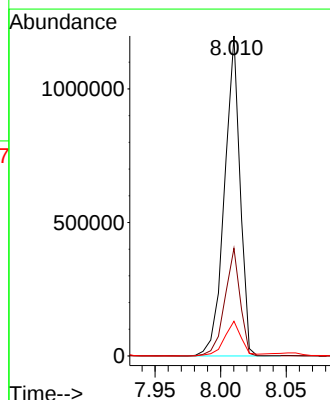
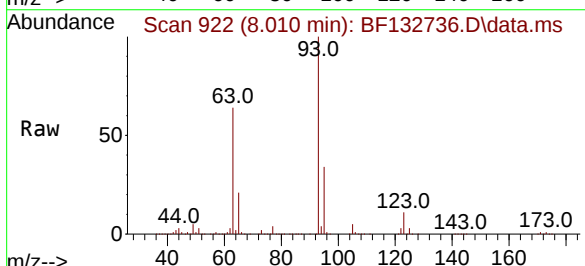
Instrument :
BNA_F
ClientSampleId :
PB151310BS

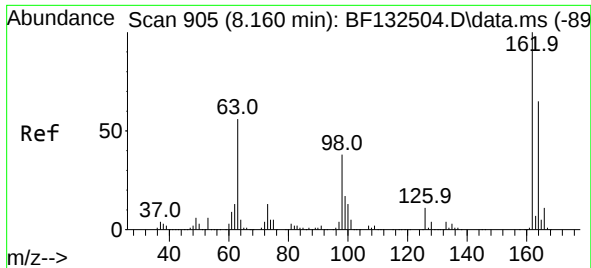
Tgt Ion:122 Resp: 652824
Ion Ratio Lower Upper
122 100
107 126.5 98.7 148.1
121 57.6 45.8 68.6



#28
bis(2-Chloroethoxy)methane
Concen: 44.551 ng
RT: 8.010 min Scan# 922
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

Tgt Ion: 93 Resp: 988159
Ion Ratio Lower Upper
93 100
95 33.7 26.3 39.5
123 10.8 8.3 12.5

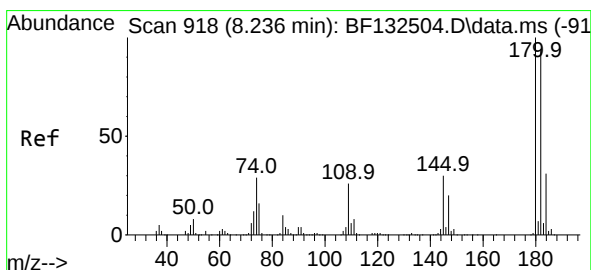
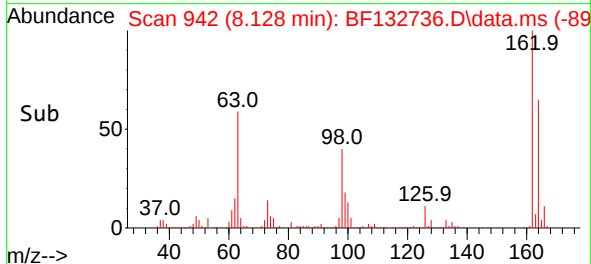
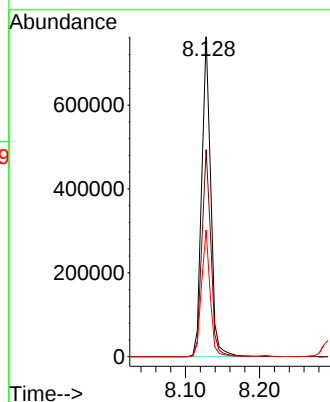
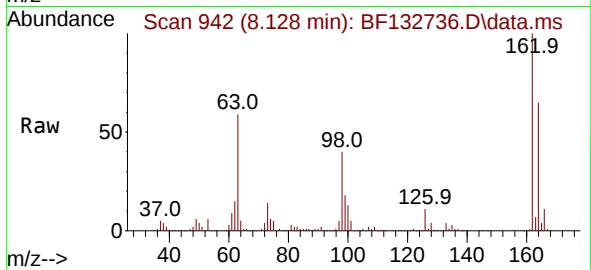




#29
2,4-Dichlorophenol
Concen: 44.018 ng
RT: 8.128 min Scan# 942
Delta R.T. -0.006 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

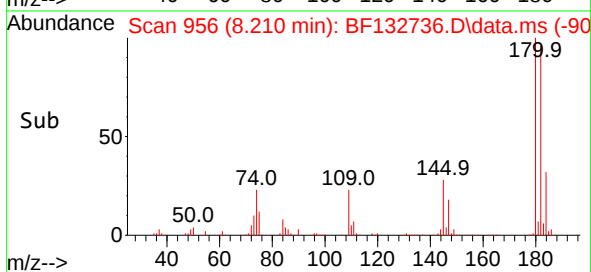
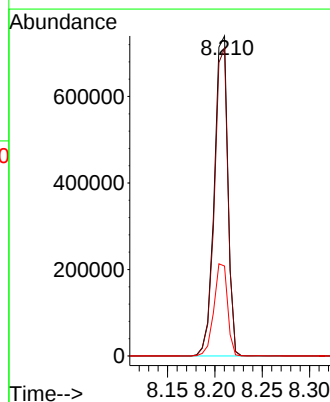
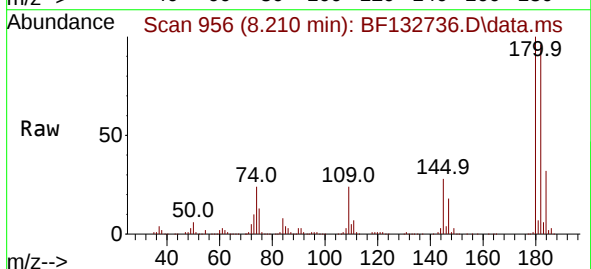
Instrument :
BNA_F
ClientSampleId :
PB151310BS

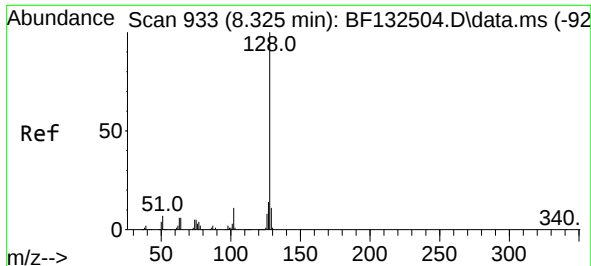
Tgt Ion:162 Resp: 644922
Ion Ratio Lower Upper
162 100
164 64.7 45.3 85.3
98 39.6 17.9 57.9



#30
1,2,4-Trichlorobenzene
Concen: 46.178 ng
RT: 8.210 min Scan# 956
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

Tgt Ion:180 Resp: 734651
Ion Ratio Lower Upper
180 100
182 96.1 75.1 112.7
145 28.1 23.8 35.6

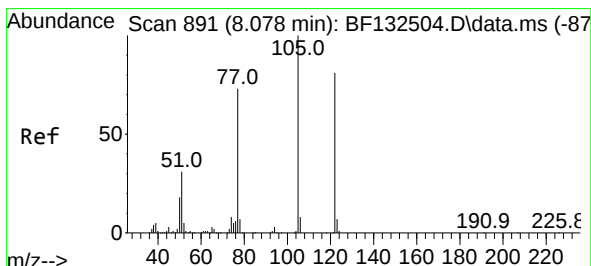
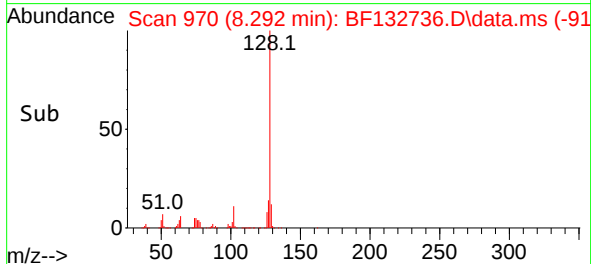
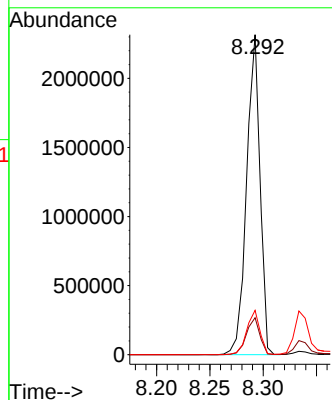
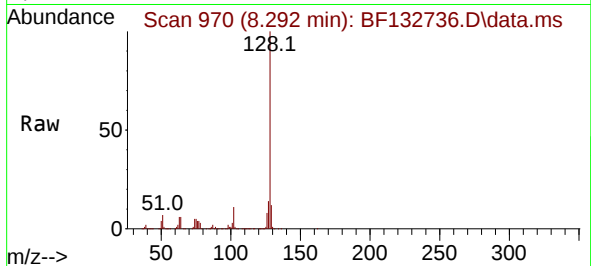




#31
Naphthalene
Concen: 42.361 ng
RT: 8.292 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

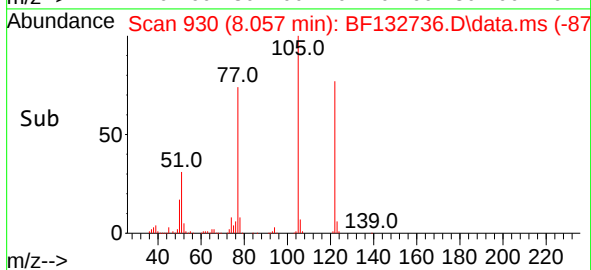
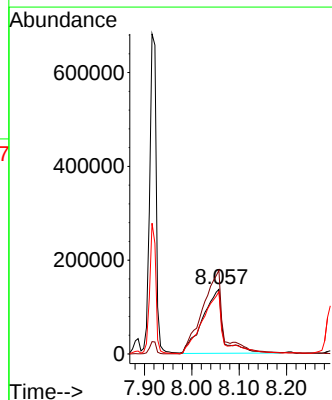
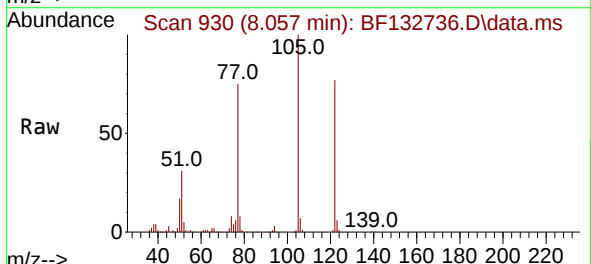
Instrument :
BNA_F
ClientSampleId :
PB151310BS

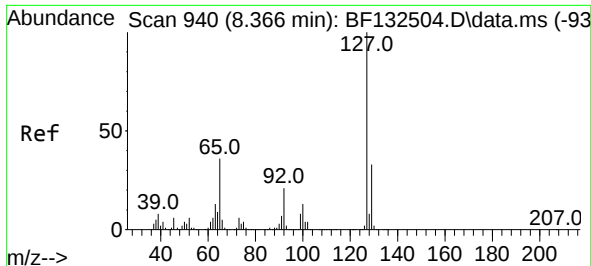
Tgt Ion:128 Resp: 2034774
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 13.9 11.0 16.6



#32
Benzoic acid
Concen: 37.011 ng
RT: 8.057 min Scan# 930
Delta R.T. 0.006 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

Tgt Ion:122 Resp: 418485
Ion Ratio Lower Upper
122 100
105 129.3 102.6 142.6
77 96.4 70.2 110.2

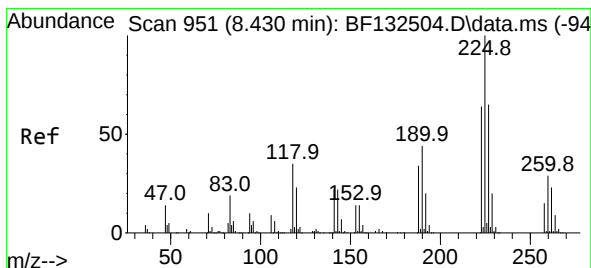
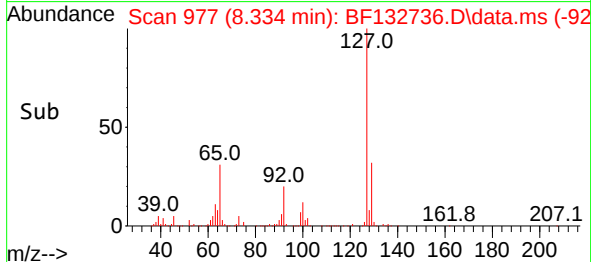
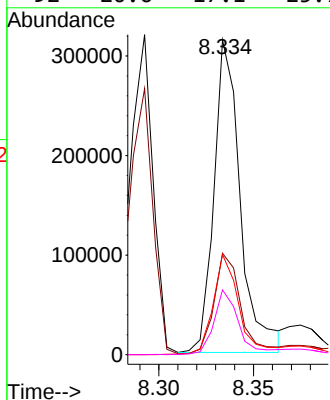
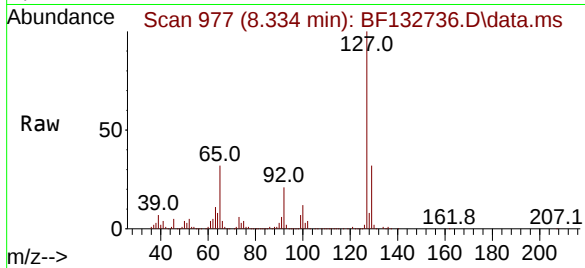




#33
4-Chloroaniline
Concen: 14.766 ng
RT: 8.334 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

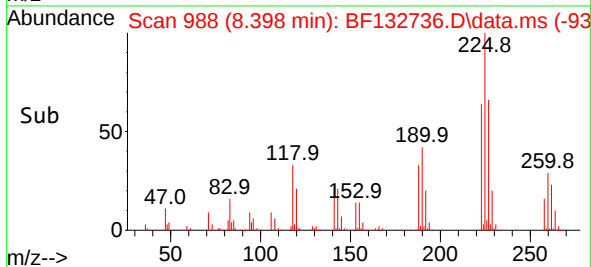
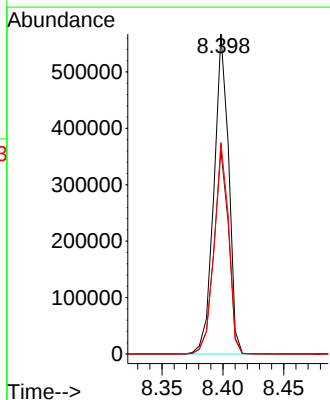
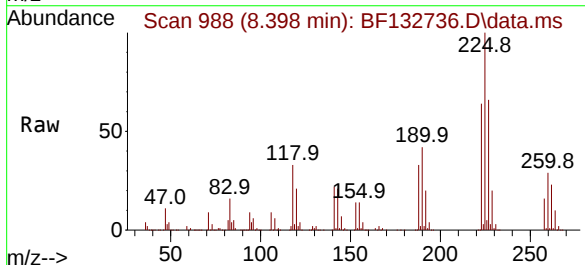
Instrument :
BNA_F
ClientSampleId :
PB151310BS

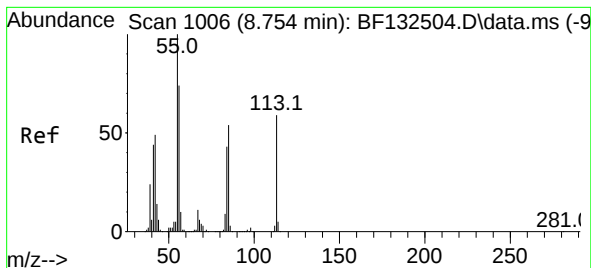
Tgt Ion:	127	Resp:	303936
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.4	39.6
65	31.8	28.8	43.2
92	20.6	17.1	25.7



#34
Hexachlorobutadiene
Concen: 46.993 ng
RT: 8.398 min Scan# 988
Delta R.T. -0.006 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

Tgt Ion:	225	Resp:	475079
Ion	Ratio	Lower	Upper
225	100		
223	63.6	51.0	76.4
227	66.0	51.7	77.5





#35

Caprolactam

Concen: 30.140 ng

RT: 8.728 min Scan# 1061

Delta R.T. -0.006 min

Lab File: BF132736.D

Acq: 10 Mar 2023 12:16

Instrument :

BNA_F

ClientSampleId :

PB151310BS

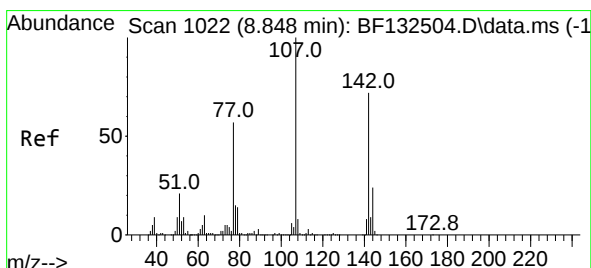
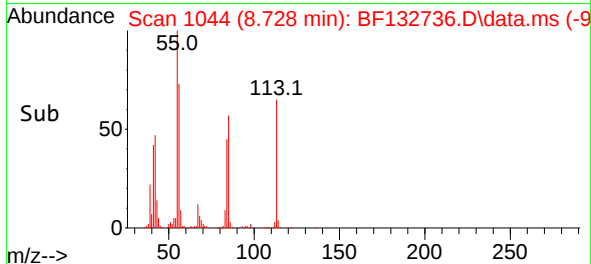
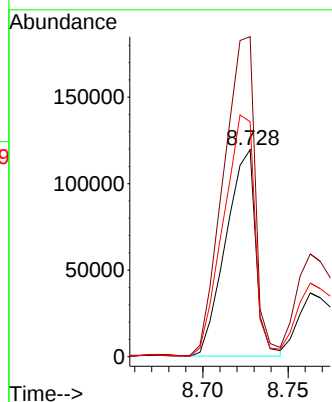
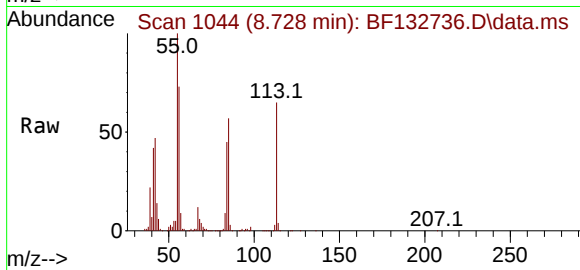
Tgt Ion:113 Resp: 145583

Ion Ratio Lower Upper

113 100

55 154.5 149.4 189.4

56 113.5 105.0 145.0



#36

4-Chloro-3-methylphenol

Concen: 44.176 ng

RT: 8.828 min Scan# 1061

Delta R.T. 0.006 min

Lab File: BF132736.D

Acq: 10 Mar 2023 12:16

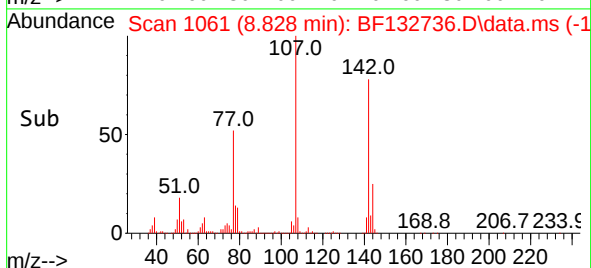
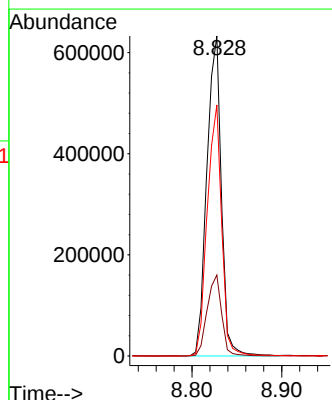
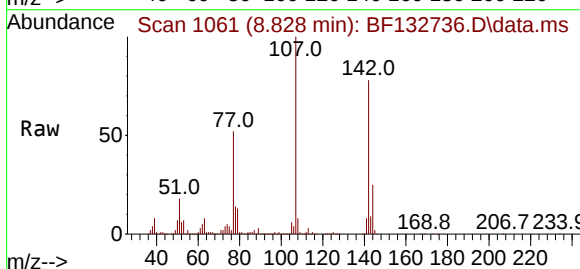
Tgt Ion:107 Resp: 710793

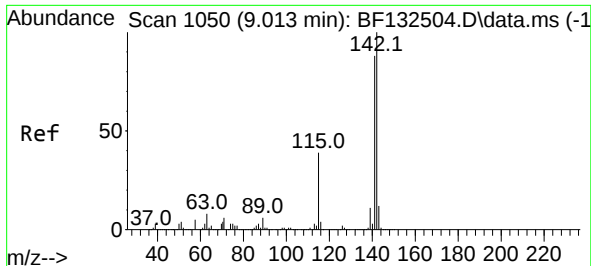
Ion Ratio Lower Upper

107 100

144 25.3 18.9 28.3

142 78.4 57.9 86.9





#37

2-Methylnaphthalene

Concen: 41.642 ng

RT: 8.981 min Scan# 1104

Delta R.T. -0.006 min

Lab File: BF132736.D

Acq: 10 Mar 2023 12:16

Instrument :

BNA_F

ClientSampleId :

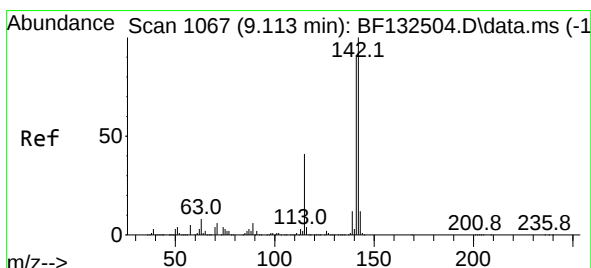
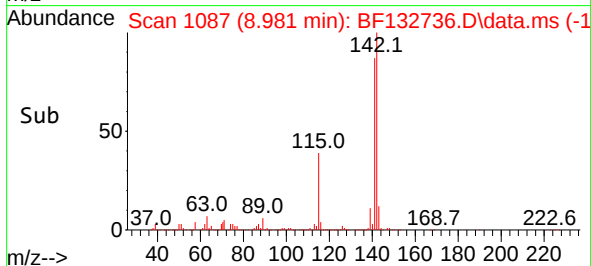
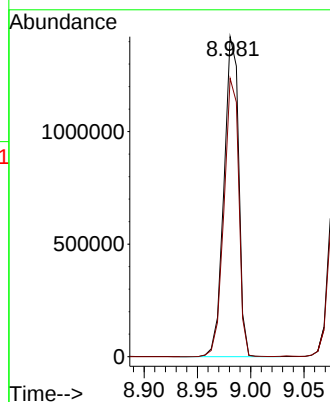
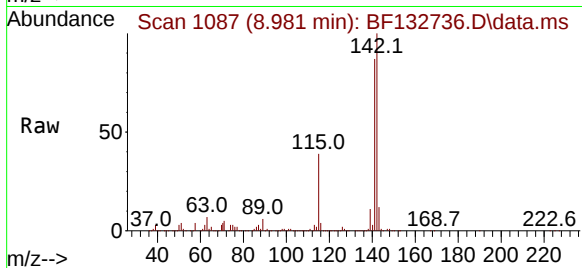
PB151310BS

Tgt Ion:142 Resp: 1363121

Ion Ratio Lower Upper

142 100

141 86.9 70.2 105.2



#38

1-Methylnaphthalene

Concen: 41.061 ng

RT: 9.081 min Scan# 1104

Delta R.T. -0.006 min

Lab File: BF132736.D

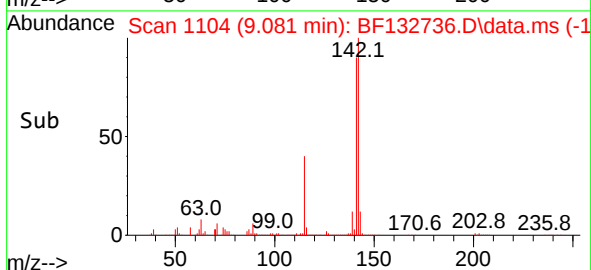
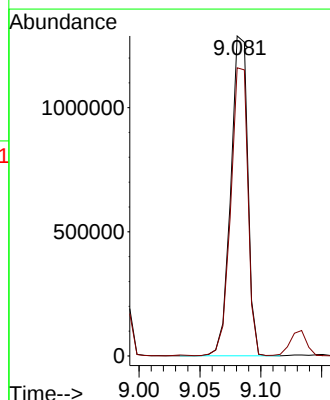
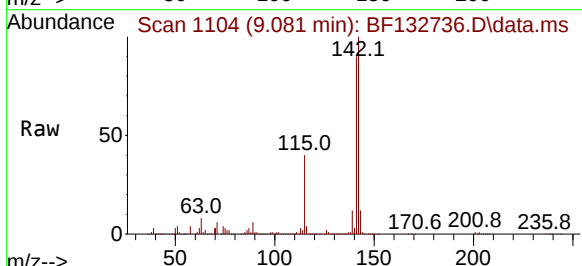
Acq: 10 Mar 2023 12:16

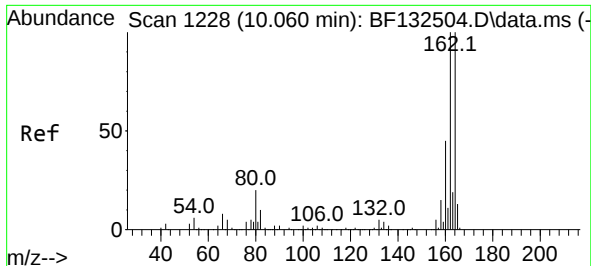
Tgt Ion:142 Resp: 1256125

Ion Ratio Lower Upper

142 100

141 90.1 73.0 109.6

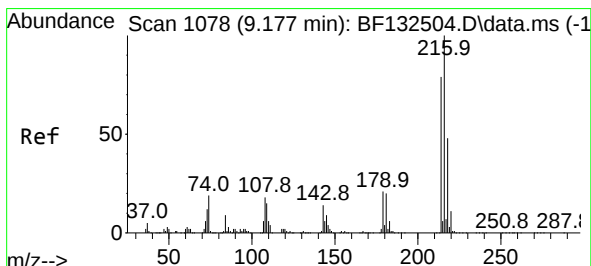
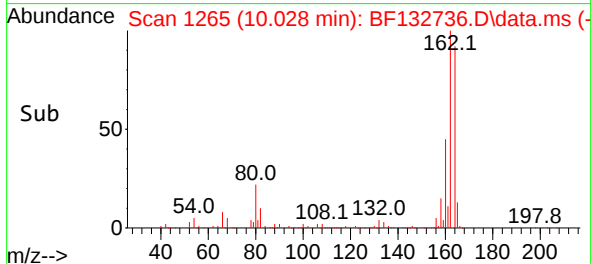
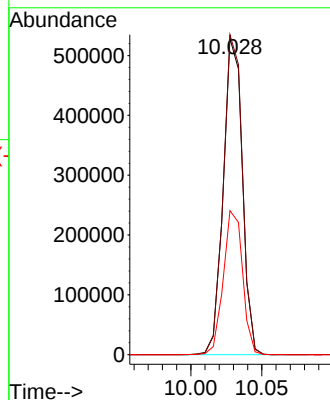
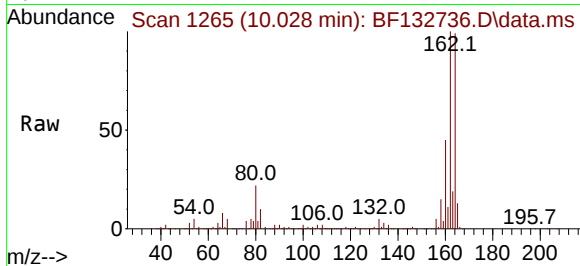




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.028 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

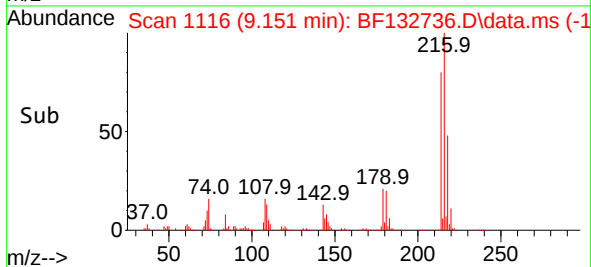
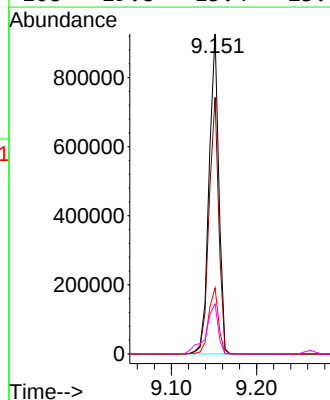
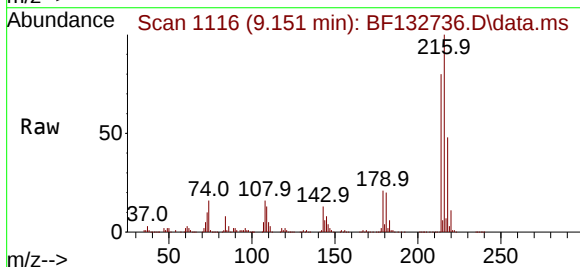
Instrument :
BNA_F
ClientSampleId :
PB151310BS

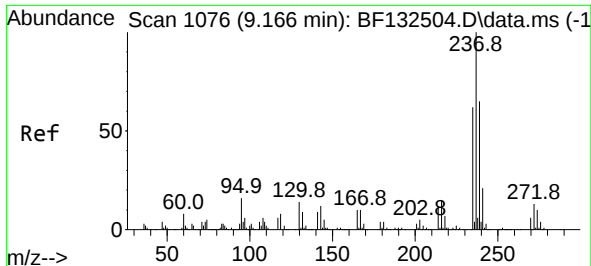
Tgt Ion:164 Resp: 491623
Ion Ratio Lower Upper
164 100
162 101.2 79.8 119.8
160 45.5 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.722 ng
RT: 9.151 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

Tgt Ion:216 Resp: 735419
Ion Ratio Lower Upper
216 100
214 80.0 63.0 94.6
179 20.7 16.6 24.8
108 19.8 15.4 23.0

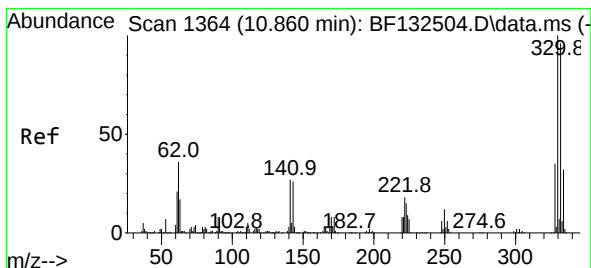
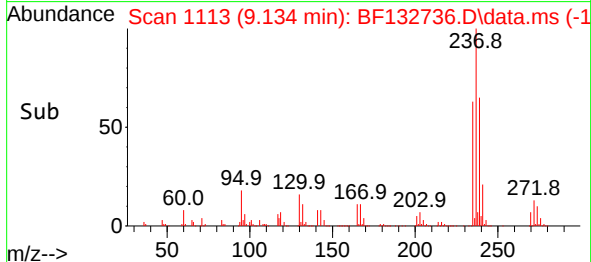
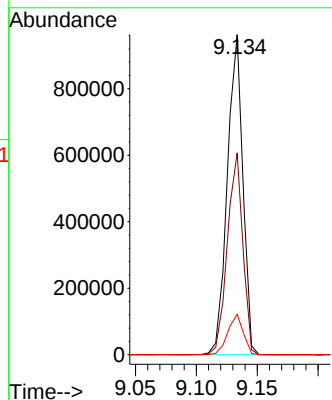
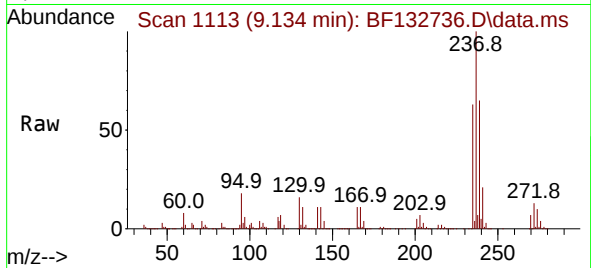




#41
Hexachlorocyclopentadiene
Concen: 98.223 ng
RT: 9.134 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

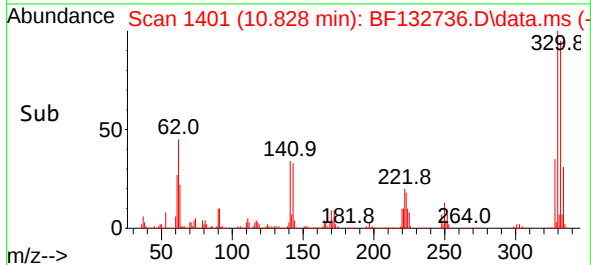
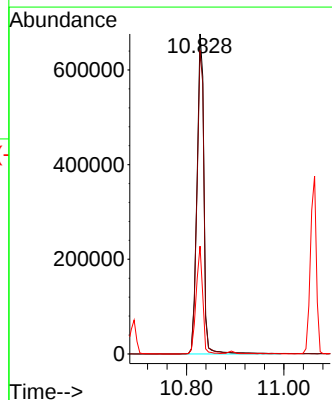
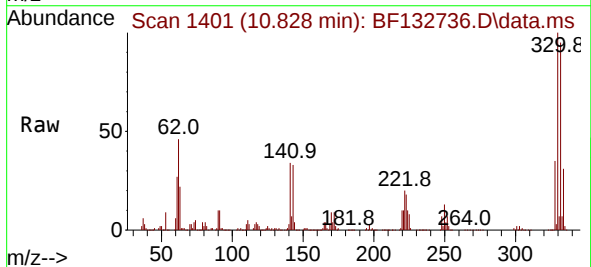
Instrument :
BNA_F
ClientSampleId :
PB151310BS

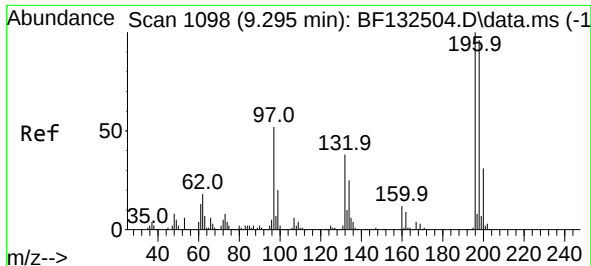
Tgt Ion:237 Resp: 856919
Ion Ratio Lower Upper
237 100
235 63.1 42.4 82.4
272 12.6 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 127.369 ng
RT: 10.828 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

Tgt Ion:330 Resp: 676243
Ion Ratio Lower Upper
330 100
332 95.2 76.2 114.4
141 31.6 28.4 42.6





#43

2,4,6-Trichlorophenol

Concen: 44.509 ng

RT: 9.263 min Scan# 1113

Delta R.T. 0.000 min

Lab File: BF132736.D

Acq: 10 Mar 2023 12:16

Instrument :

BNA_F

ClientSampleId :

PB151310BS

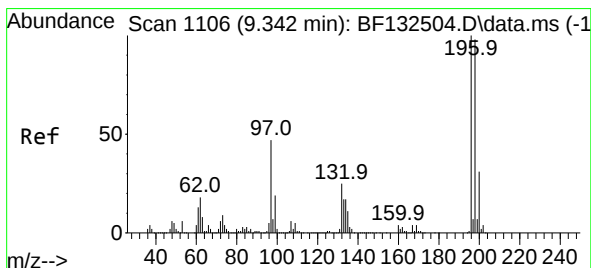
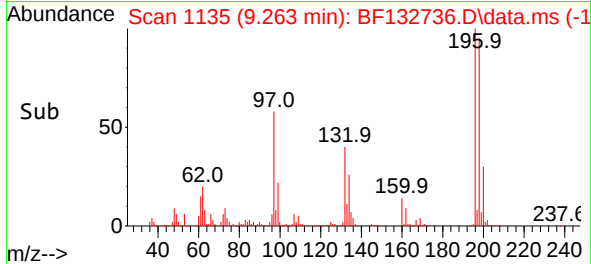
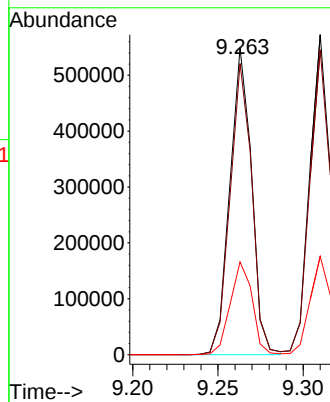
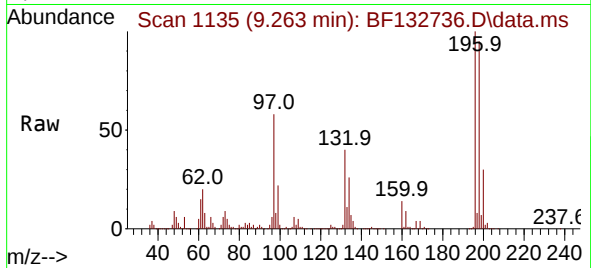
Tgt Ion:196 Resp: 485173

Ion Ratio Lower Upper

196 100

198 94.9 77.1 115.7

200 30.2 25.0 37.4



#44

2,4,5-Trichlorophenol

Concen: 40.709 ng

RT: 9.310 min Scan# 1143

Delta R.T. 0.000 min

Lab File: BF132736.D

Acq: 10 Mar 2023 12:16

Tgt Ion:196 Resp: 517914

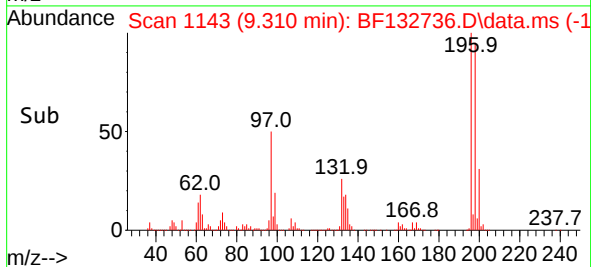
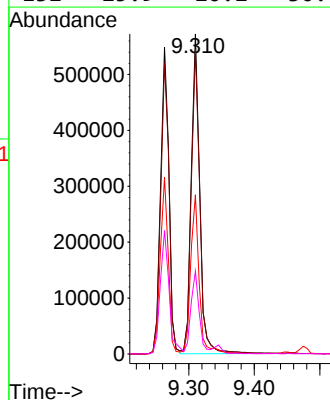
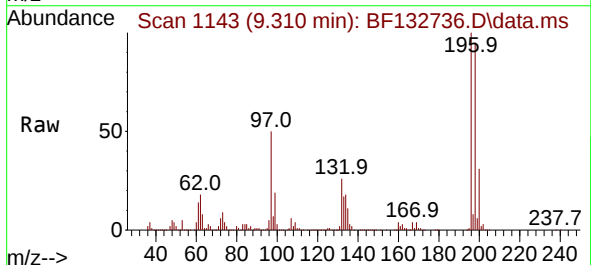
Ion Ratio Lower Upper

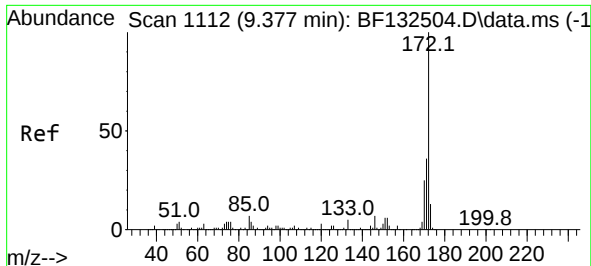
196 100

198 95.2 78.3 117.5

97 49.8 38.1 57.1

132 25.9 20.2 30.4

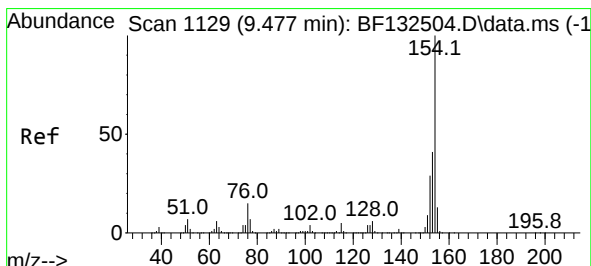
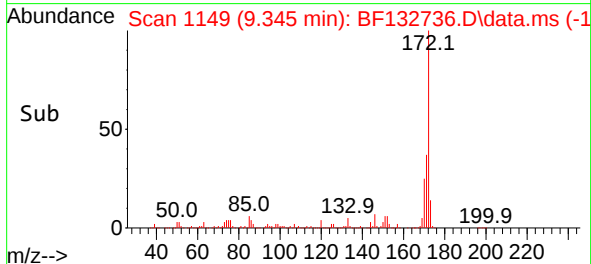
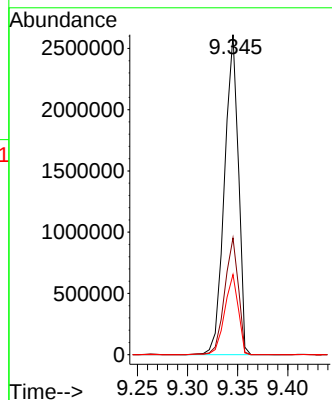
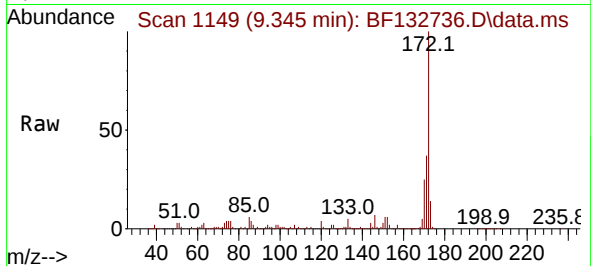




#45
2-Fluorobiphenyl
Concen: 77.732 ng
RT: 9.345 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

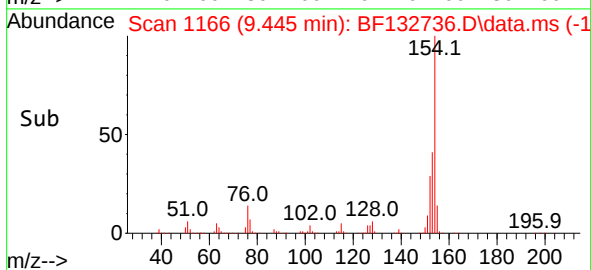
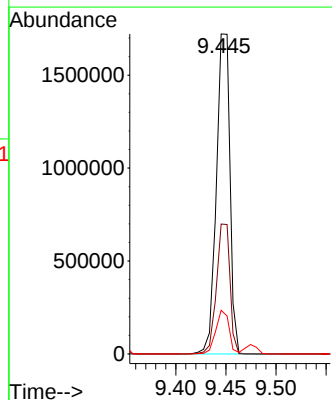
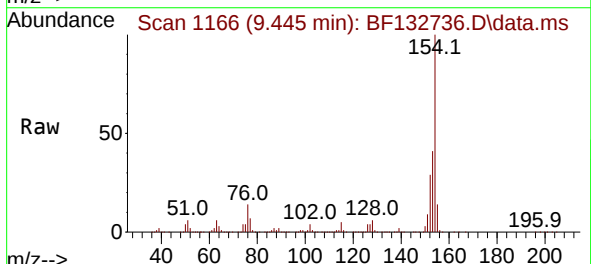
Instrument :
BNA_F
ClientSampleId :
PB151310BS

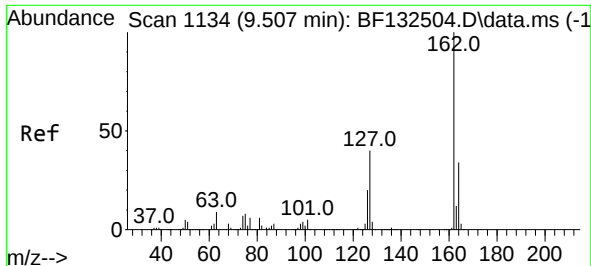
Tgt Ion:172 Resp: 2509726
Ion Ratio Lower Upper
172 100
171 36.5 28.8 43.2
170 25.0 19.7 29.5



#46
1,1'-Biphenyl
Concen: 43.556 ng
RT: 9.445 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

Tgt Ion:154 Resp: 1620719
Ion Ratio Lower Upper
154 100
153 40.6 20.9 60.9
76 13.7 0.0 34.7

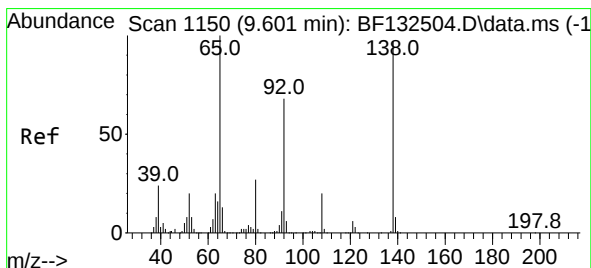
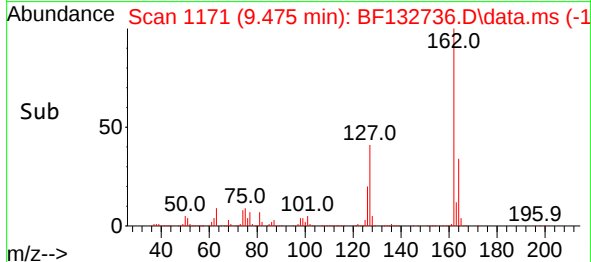
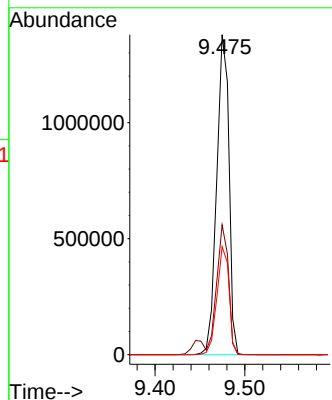
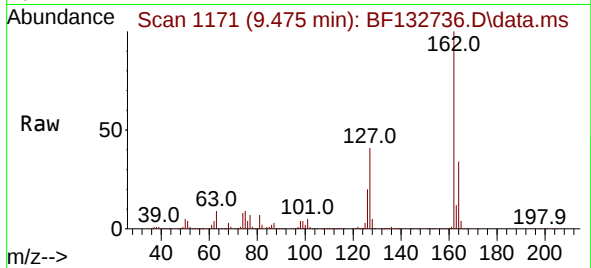




#47
2-Chloronaphthalene
Concen: 44.374 ng
RT: 9.475 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

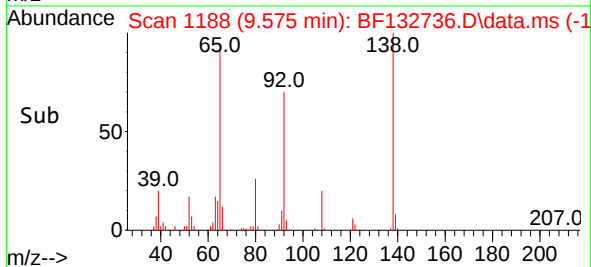
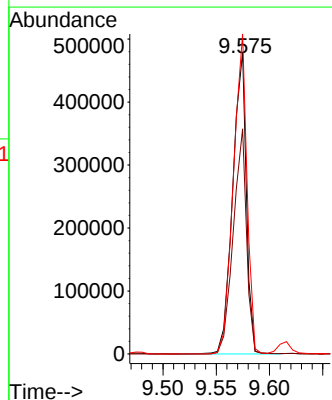
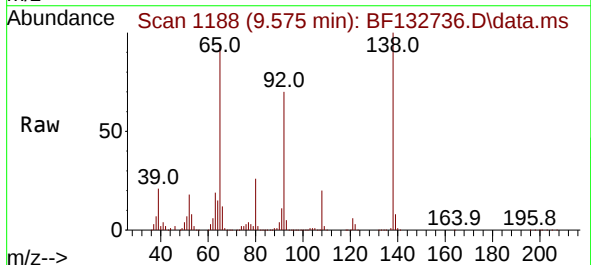
Instrument :
BNA_F
ClientSampleId :
PB151310BS

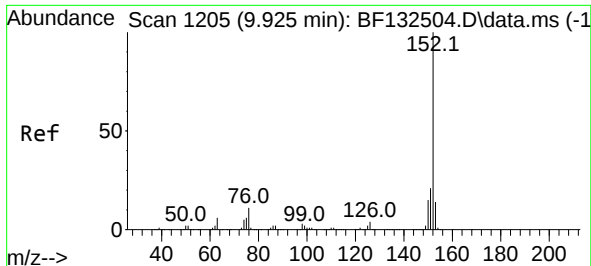
Tgt Ion:162 Resp: 1309120
Ion Ratio Lower Upper
162 100
127 40.6 32.3 48.5
164 33.7 26.9 40.3



#48
2-Nitroaniline
Concen: 39.300 ng
RT: 9.575 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

Tgt Ion: 65 Resp: 427017
Ion Ratio Lower Upper
65 100
92 74.6 54.5 81.7
138 106.1 77.2 115.8

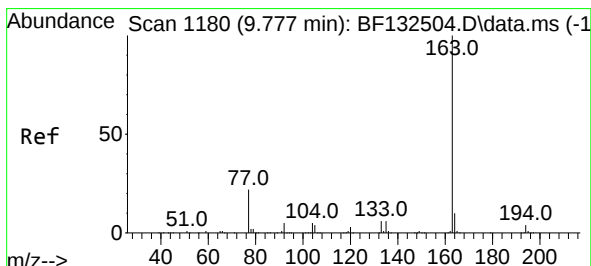
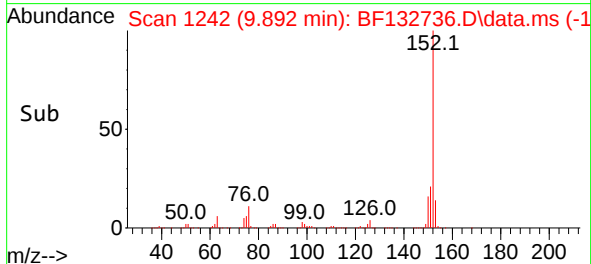
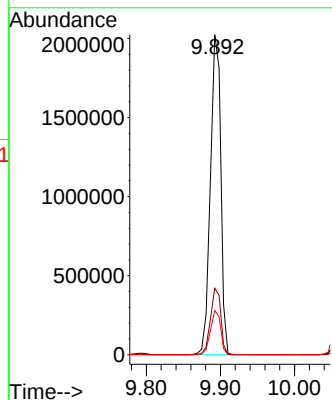
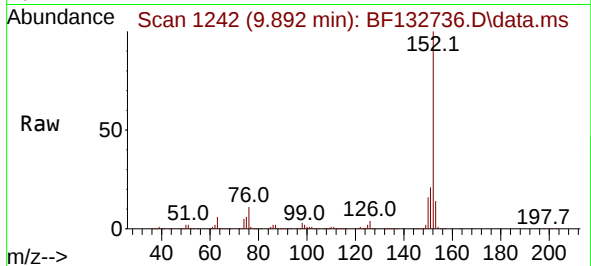




#49
Acenaphthylene
Concen: 41.976 ng
RT: 9.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

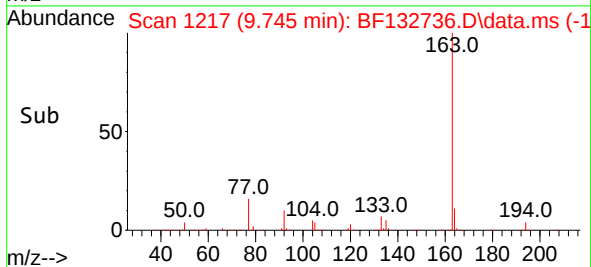
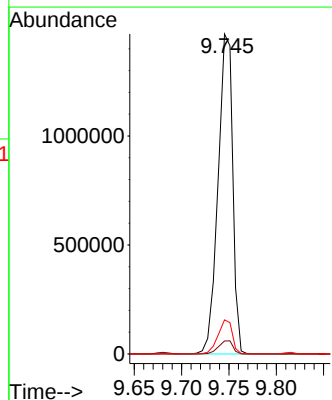
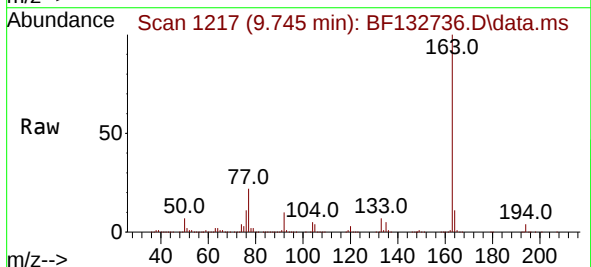
Instrument :
BNA_F
ClientSampleId :
PB151310BS

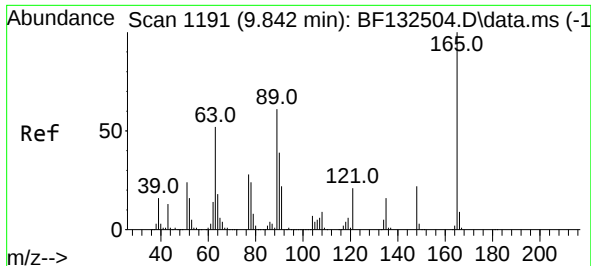
Tgt Ion:152 Resp: 1970909
Ion Ratio Lower Upper
152 100
151 20.8 16.4 24.6
153 13.8 11.0 16.6



#50
Dimethylphthalate
Concen: 44.391 ng
RT: 9.745 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

Tgt Ion:163 Resp: 1589030
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.7 8.3 12.5

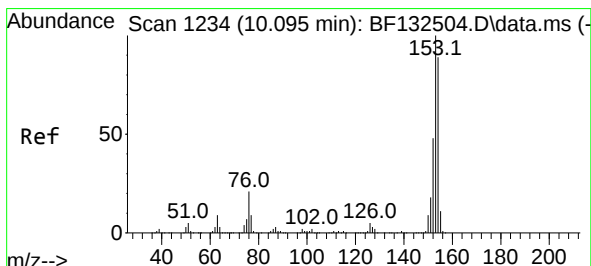
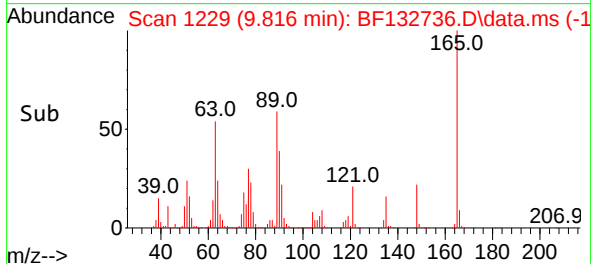
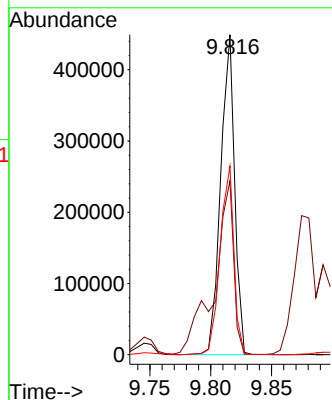
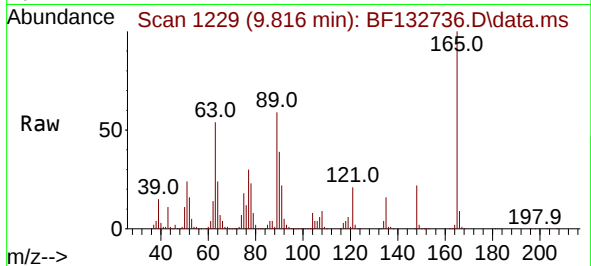




#51
2,6-Dinitrotoluene
Concen: 44.042 ng
RT: 9.816 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

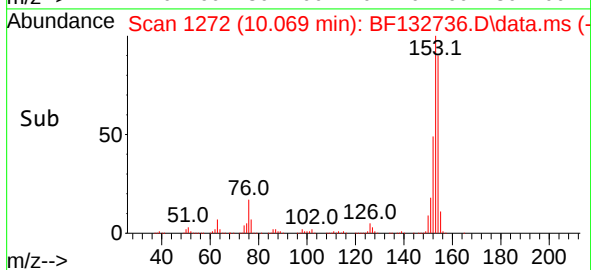
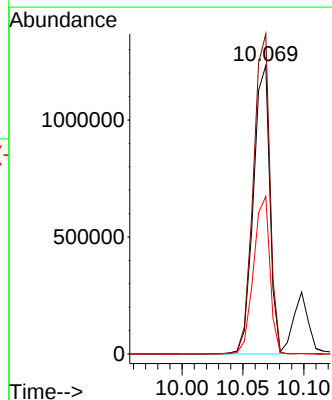
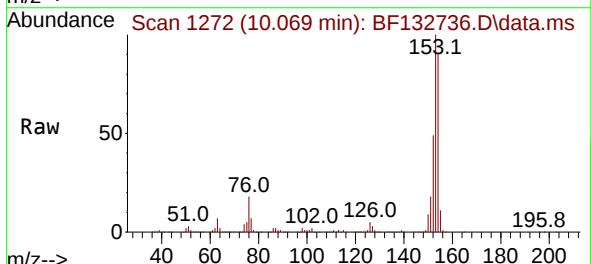
Instrument :
BNA_F
ClientSampleId :
PB151310BS

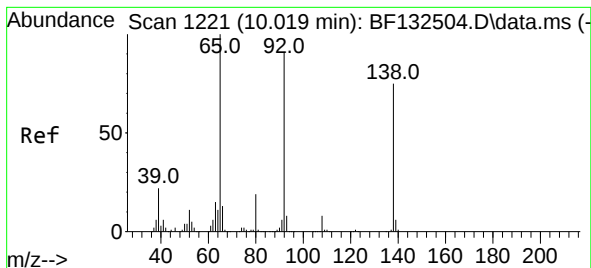
Tgt Ion:165 Resp: 359041
Ion Ratio Lower Upper
165 100
63 54.4 47.3 70.9
89 58.9 48.9 73.3



#52
Acenaphthene
Concen: 38.882 ng
RT: 10.069 min Scan# 1272
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

Tgt Ion:154 Resp: 1159251
Ion Ratio Lower Upper
154 100
153 110.9 89.8 134.8
152 54.6 43.3 64.9

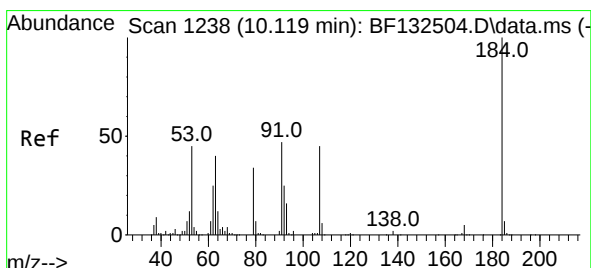
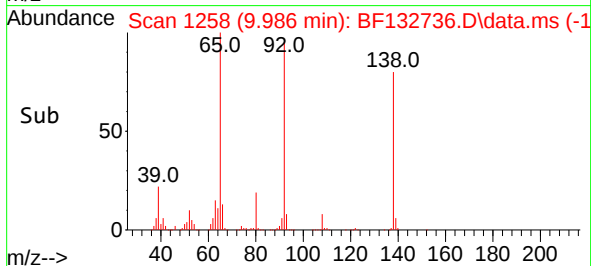
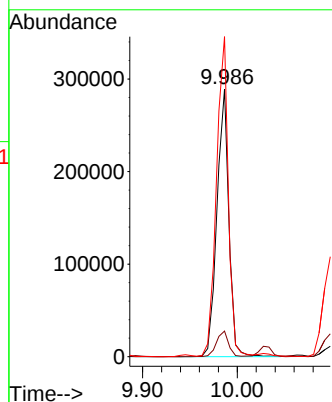
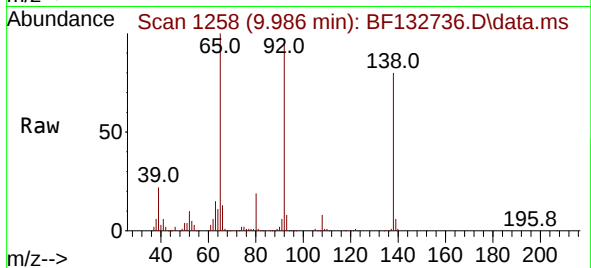




#53
3-Nitroaniline
Concen: 27.645 ng
RT: 9.986 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

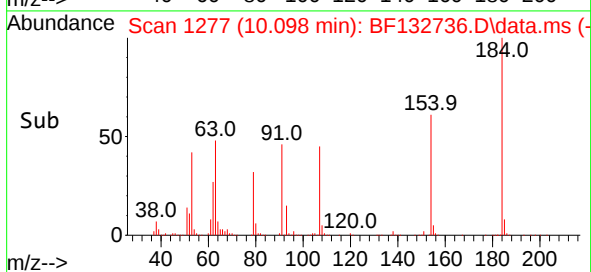
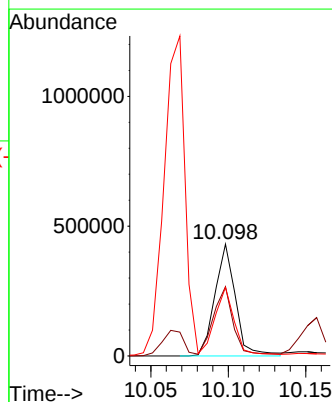
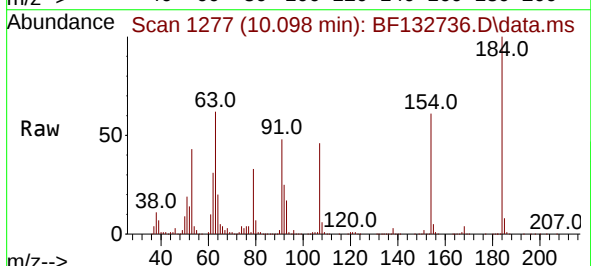
Instrument :
BNA_F
ClientSampleId :
PB151310BS

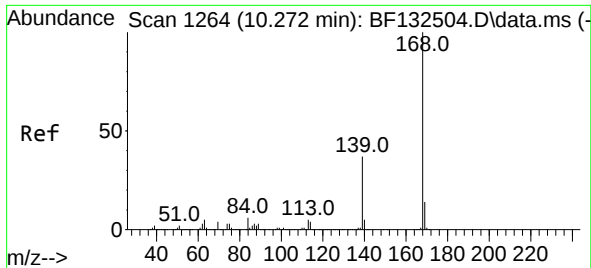
Tgt Ion:138 Resp: 252105
Ion Ratio Lower Upper
138 100
108 9.6 8.1 12.1
92 119.6 97.2 145.8



#54
2,4-Dinitrophenol
Concen: 77.709 ng
RT: 10.098 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

Tgt Ion:184 Resp: 398931
Ion Ratio Lower Upper
184 100
63 61.9 51.4 77.2
154 61.5 48.3 72.5

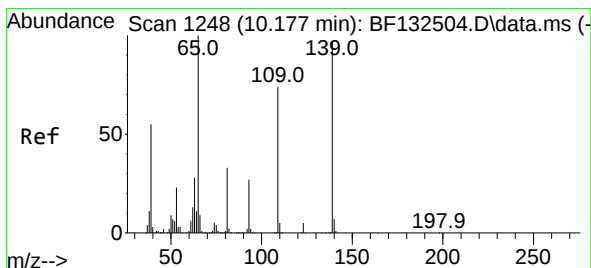
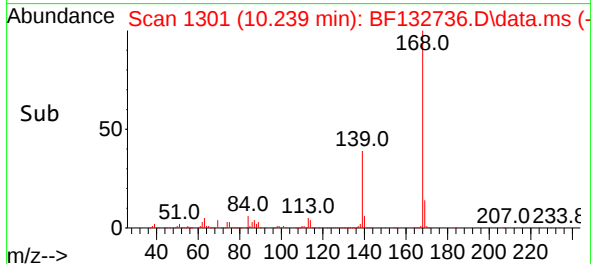
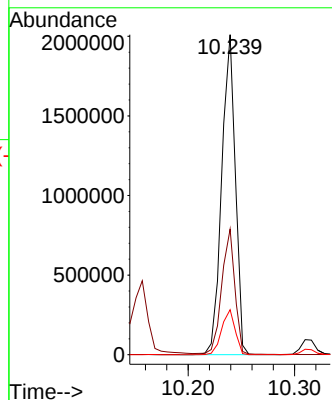
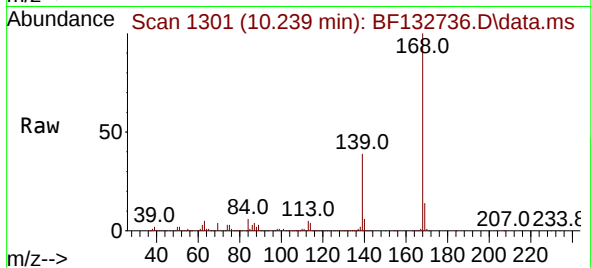




#55
Dibenzenofuran
Concen: 40.933 ng
RT: 10.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

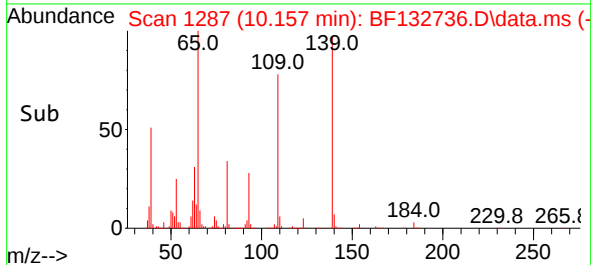
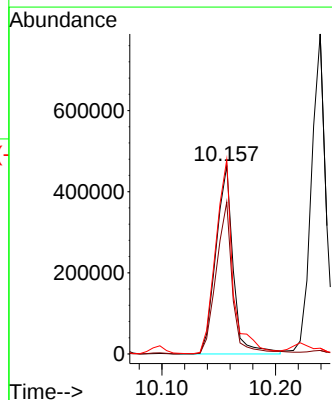
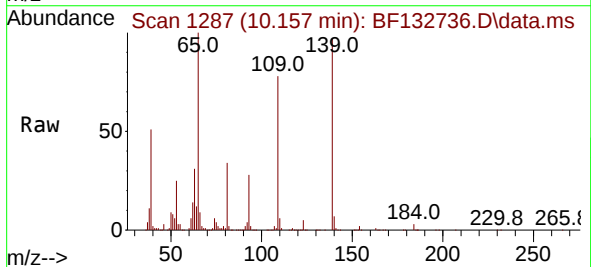
Instrument :
BNA_F
ClientSampleId :
PB151310BS

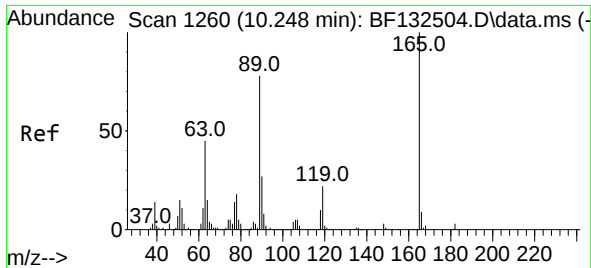
Tgt Ion:168 Resp: 1779149
Ion Ratio Lower Upper
168 100
139 39.2 29.8 44.6
169 14.1 10.9 16.3



#56
4-Nitrophenol
Concen: 72.155 ng
RT: 10.157 min Scan# 1287
Delta R.T. 0.006 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

Tgt Ion:139 Resp: 490718
Ion Ratio Lower Upper
139 100
109 80.7 56.7 96.7
65 103.3 83.5 123.5

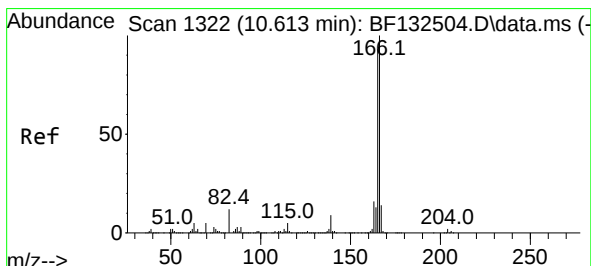
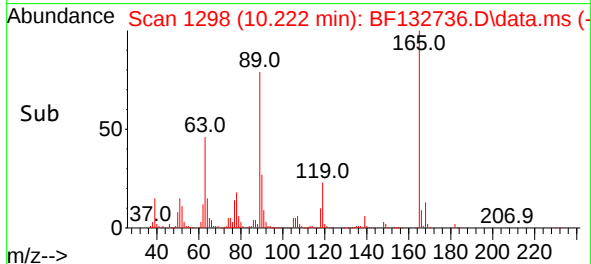
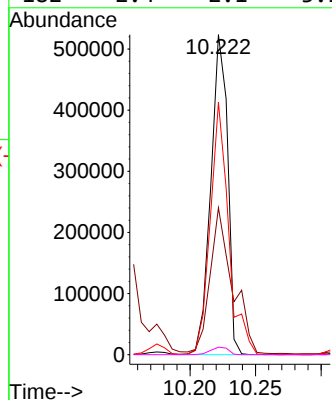
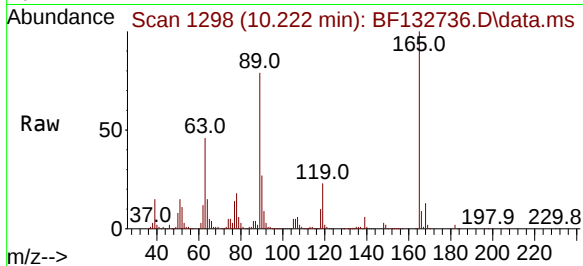




#57
2,4-Dinitrotoluene
Concen: 43.185 ng
RT: 10.222 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

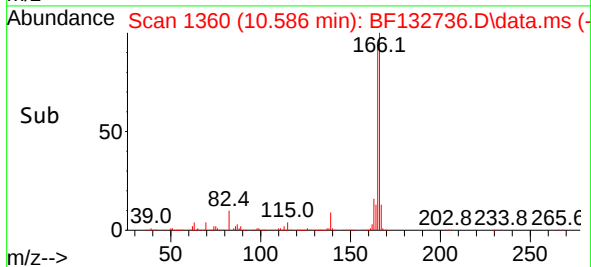
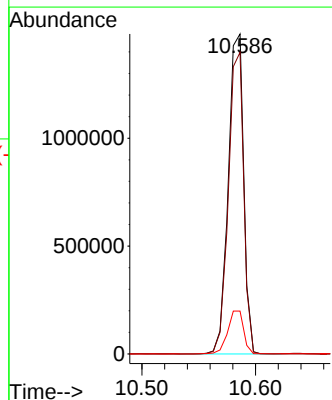
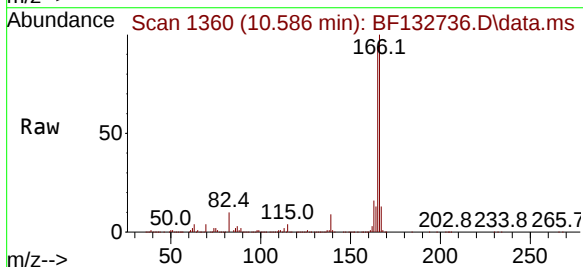
Instrument :
BNA_F
ClientSampleId :
PB151310BS

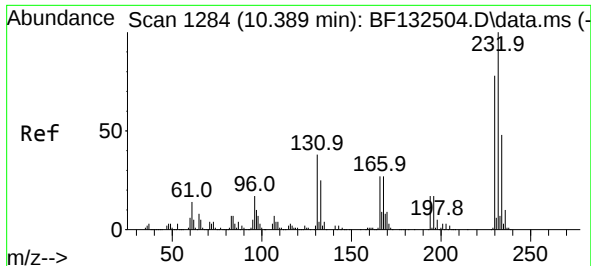
Tgt Ion:165 Resp: 468362
Ion Ratio Lower Upper
165 100
63 45.9 36.5 54.7
89 78.9 62.4 93.6
182 2.4 2.1 3.1



#58
Fluorene
Concen: 42.174 ng
RT: 10.586 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

Tgt Ion:166 Resp: 1402141
Ion Ratio Lower Upper
166 100
165 94.2 74.2 111.4
167 13.4 11.1 16.7

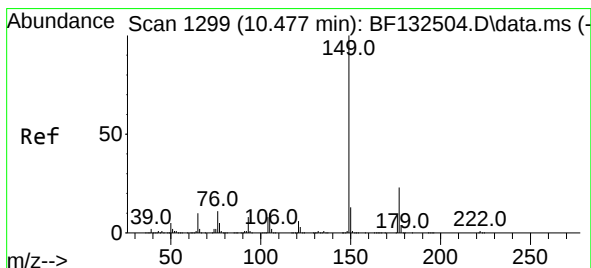
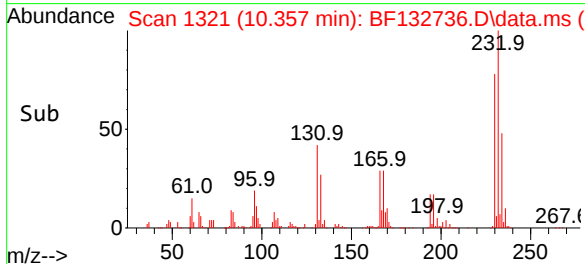
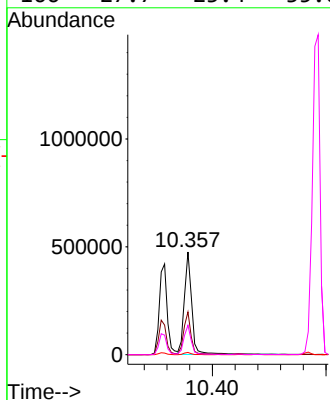
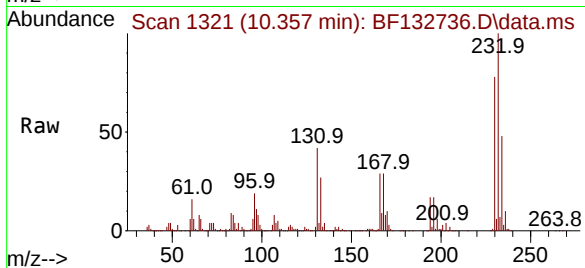




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.434 ng
RT: 10.357 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

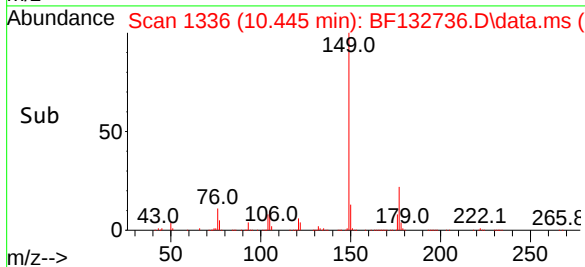
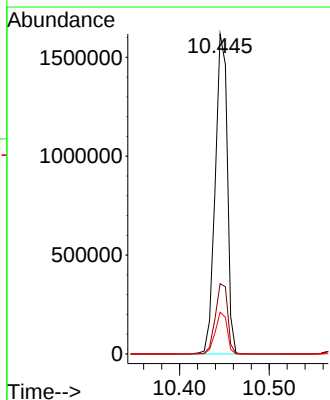
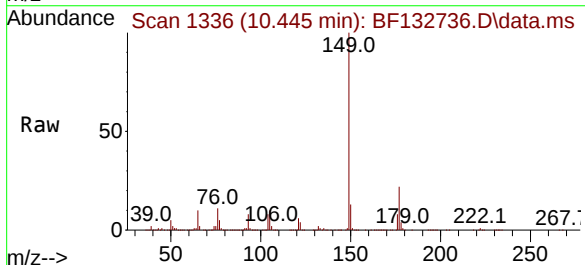
Instrument :
BNA_F
ClientSampleId :
PB151310BS

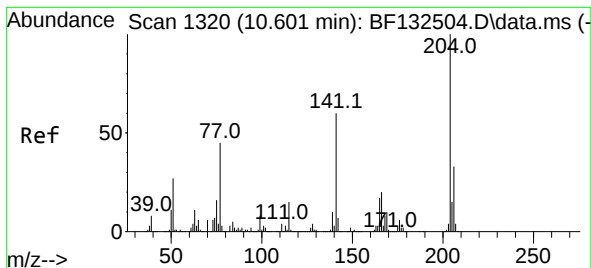
Tgt Ion:232 Resp: 429384
Ion Ratio Lower Upper
232 100
131 40.2 33.8 50.8
130 2.0 1.7 2.5
166 27.7 23.4 35.0



#60
Diethylphthalate
Concen: 43.202 ng
RT: 10.445 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

Tgt Ion:149 Resp: 1510351
Ion Ratio Lower Upper
149 100
177 22.0 18.1 27.1
150 13.0 10.2 15.2

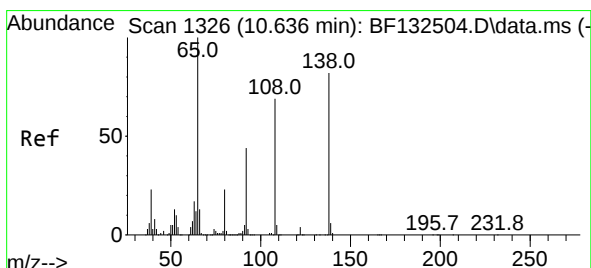
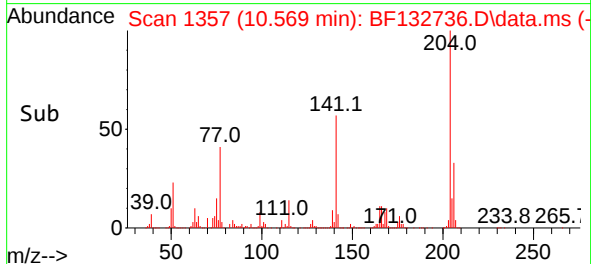
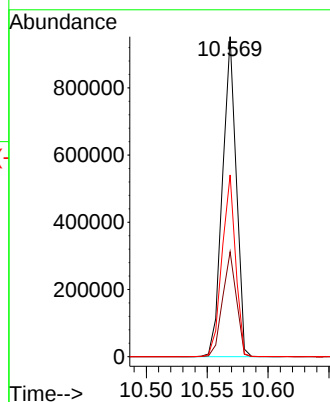
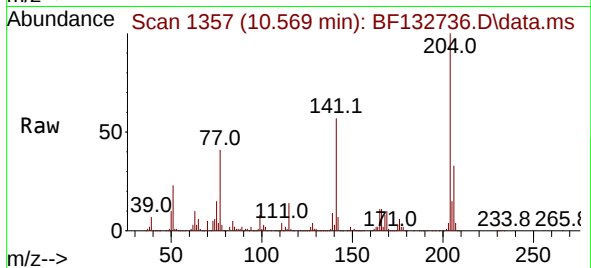




#61
4-Chlorophenyl-phenylether
Concen: 43.568 ng
RT: 10.569 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

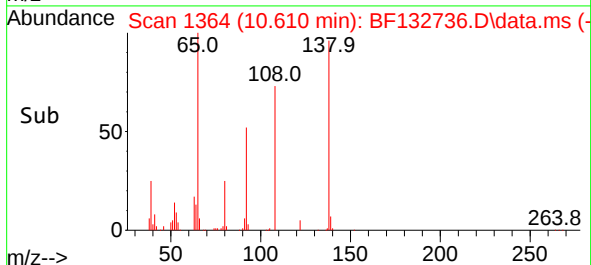
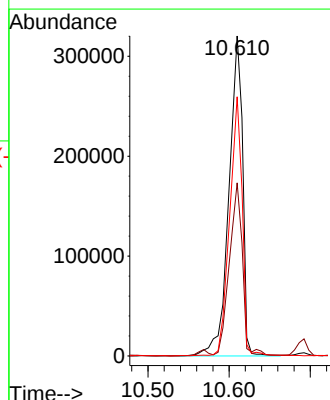
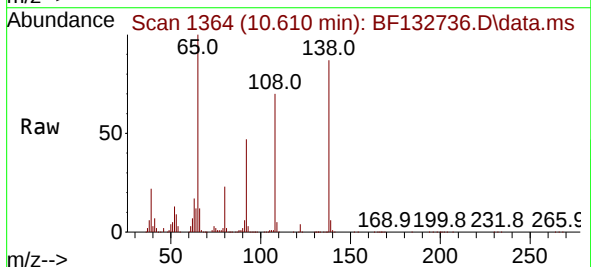
Instrument :
BNA_F
ClientSampleId :
PB151310BS

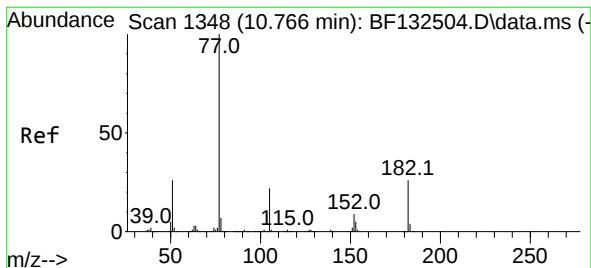
Tgt Ion:204 Resp: 751424
Ion Ratio Lower Upper
204 100
206 32.8 26.3 39.5
141 56.8 47.8 71.8



#62
4-Nitroaniline
Concen: 42.083 ng
RT: 10.610 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

Tgt Ion:138 Resp: 376713
Ion Ratio Lower Upper
138 100
92 54.1 33.8 73.8
108 81.0 63.7 103.7





#63

Azobenzene

Concen: 41.020 ng

RT: 10.733 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF132736.D

Acq: 10 Mar 2023 12:16

Instrument :

BNA_F

ClientSampleId :

PB151310BS

Tgt Ion: 77 Resp: 1518769

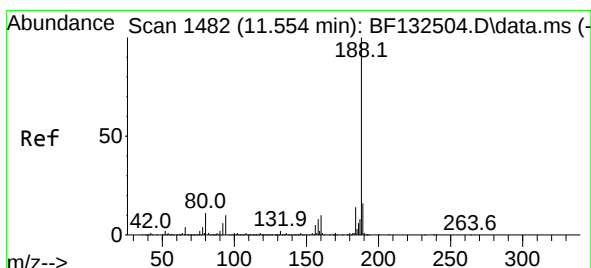
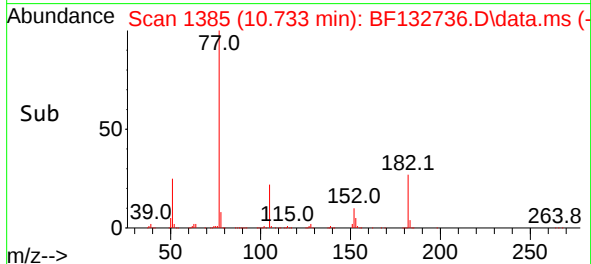
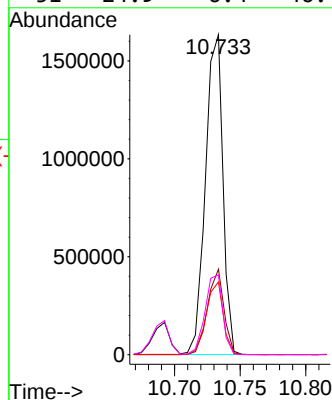
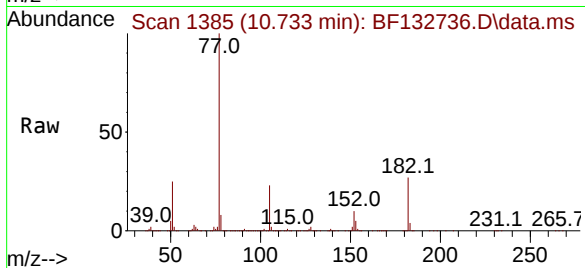
Ion Ratio Lower Upper

77 100

182 26.7 5.5 45.5

105 22.8 1.8 41.8

51 24.9 6.4 46.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.528 min Scan# 1520

Delta R.T. 0.000 min

Lab File: BF132736.D

Acq: 10 Mar 2023 12:16

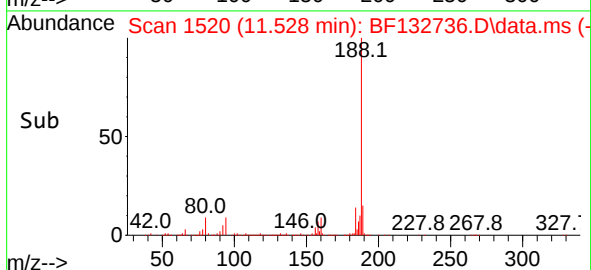
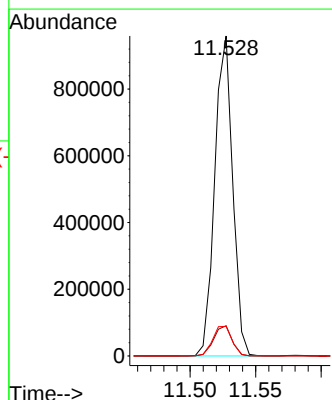
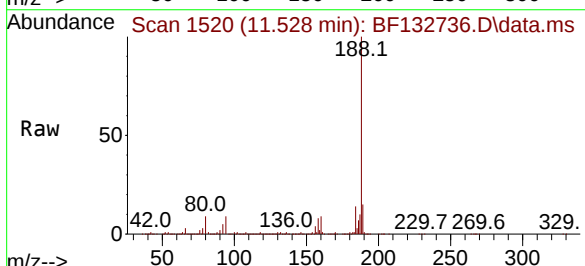
Tgt Ion:188 Resp: 908713

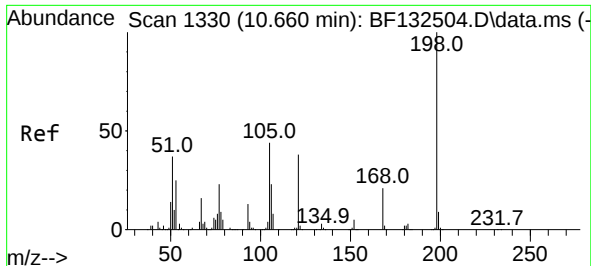
Ion Ratio Lower Upper

188 100

94 9.5 8.3 12.5

80 9.2 8.7 13.1

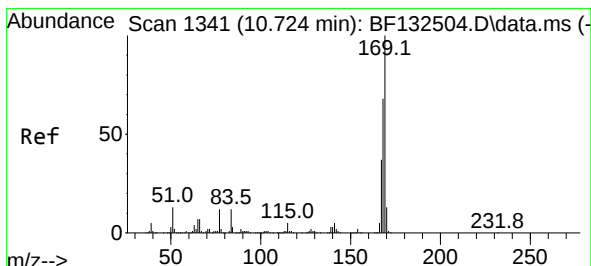
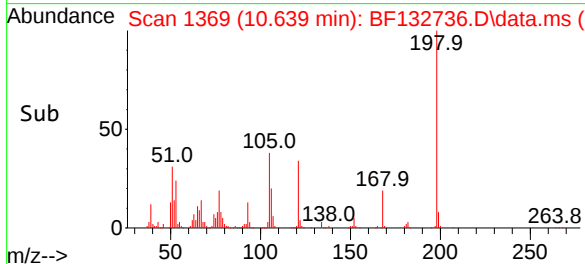
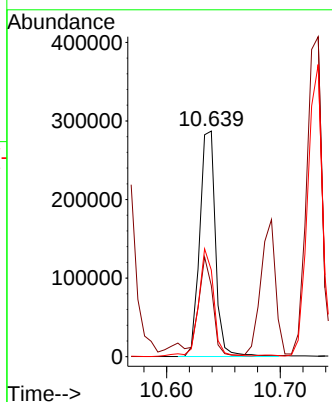
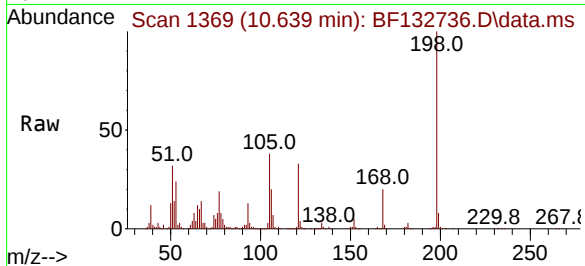




#65
4,6-Dinitro-2-methylphenol
Concen: 45.234 ng
RT: 10.639 min Scan# 1369
Delta R.T. 0.006 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

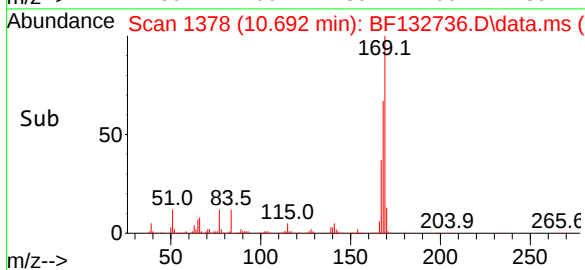
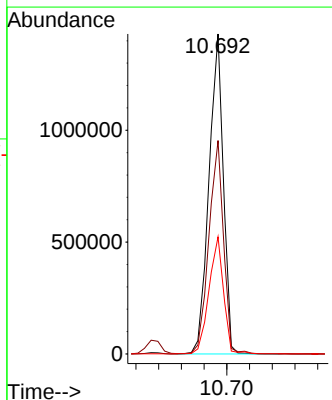
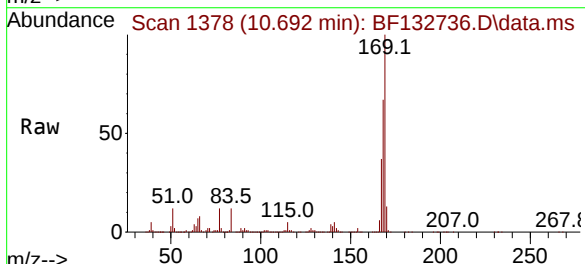
Instrument :
BNA_F
ClientSampleId :
PB151310BS

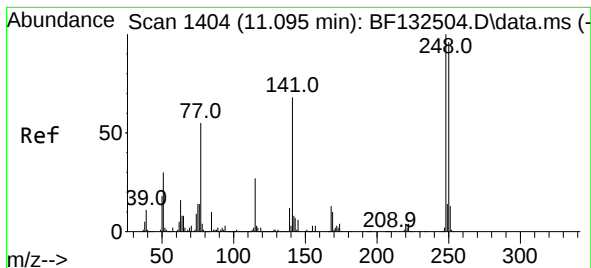
Tgt Ion:198 Resp: 278261
Ion Ratio Lower Upper
198 100
51 31.5 20.6 60.6
105 38.4 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 44.199 ng
RT: 10.692 min Scan# 1378
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

Tgt Ion:169 Resp: 1252145
Ion Ratio Lower Upper
169 100
168 66.7 54.2 81.4
167 36.6 29.6 44.4

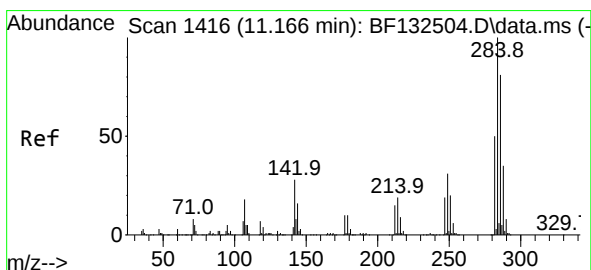
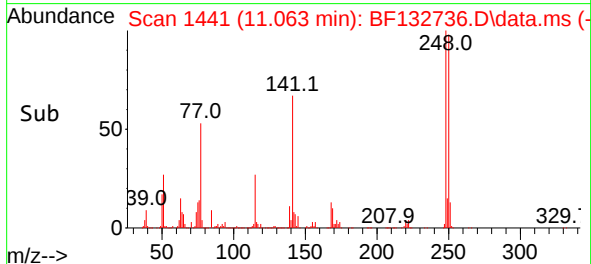
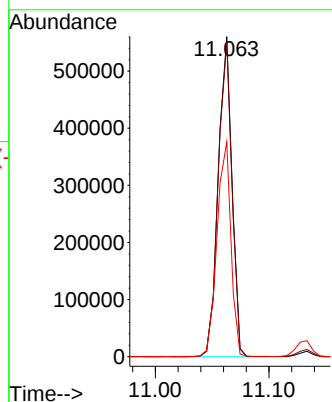
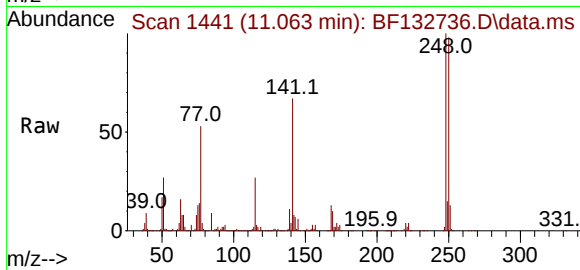




#67
4-Bromophenyl-phenylether
Concen: 45.982 ng
RT: 11.063 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

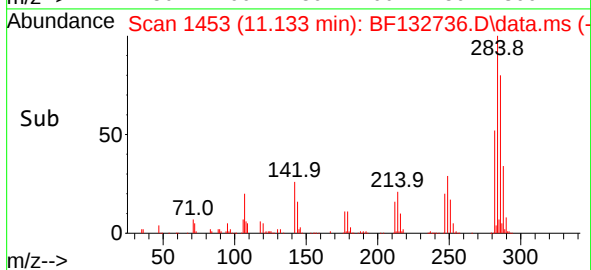
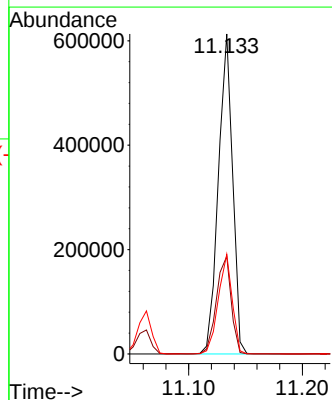
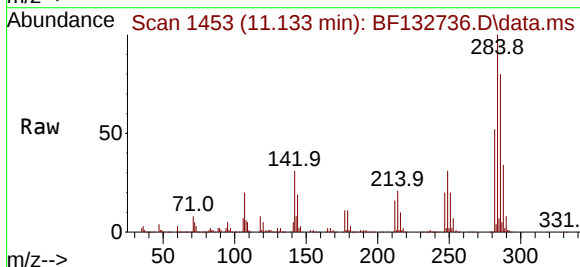
Instrument :
BNA_F
ClientSampleId :
PB151310BS

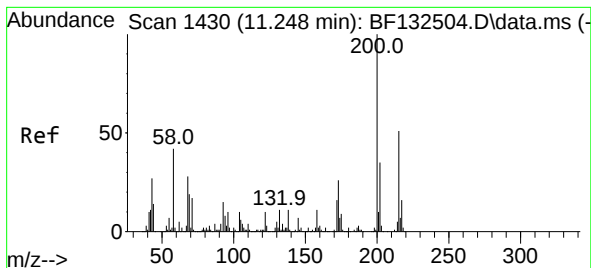
Tgt Ion:248 Resp: 472643
Ion Ratio Lower Upper
248 100
250 98.2 77.0 115.4
141 67.1 54.2 81.2



#68
Hexachlorobenzene
Concen: 49.314 ng
RT: 11.133 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

Tgt Ion:284 Resp: 533375
Ion Ratio Lower Upper
284 100
142 30.5 22.2 33.4
249 31.2 24.9 37.3





#69

Atrazine

Concen: 51.054 ng

RT: 11.216 min Scan# 1467

Delta R.T. -0.006 min

Lab File: BF132736.D

Acq: 10 Mar 2023 12:16

Instrument :

BNA_F

ClientSampleId :

PB151310BS

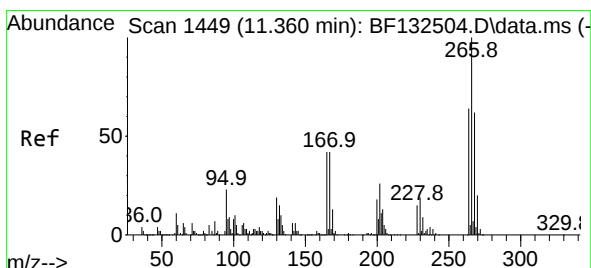
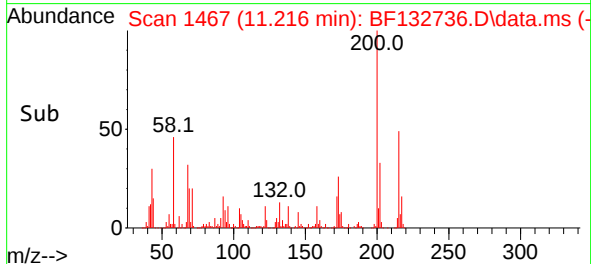
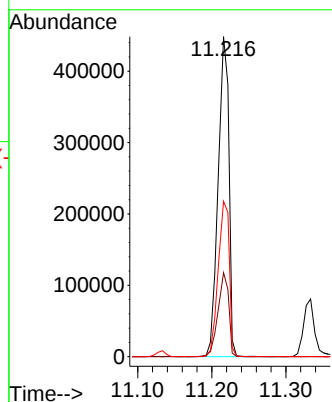
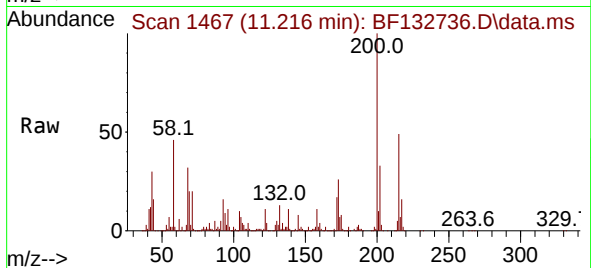
Tgt Ion:200 Resp: 451531

Ion Ratio Lower Upper

200 100

173 26.3 6.4 46.4

215 48.5 31.0 71.0



#70

Pentachlorophenol

Concen: 75.475 ng

RT: 11.333 min Scan# 1487

Delta R.T. 0.000 min

Lab File: BF132736.D

Acq: 10 Mar 2023 12:16

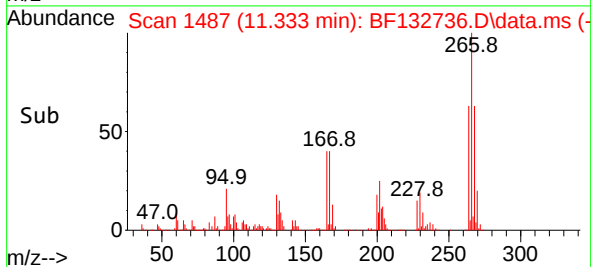
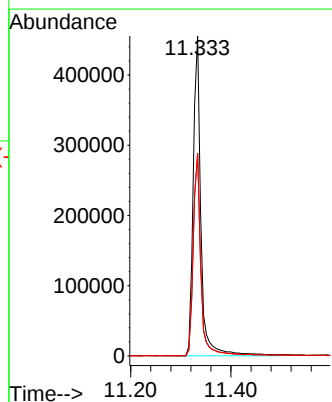
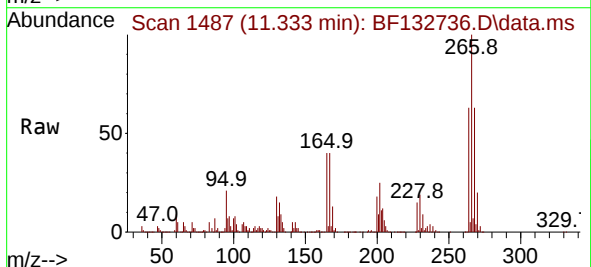
Tgt Ion:266 Resp: 485688

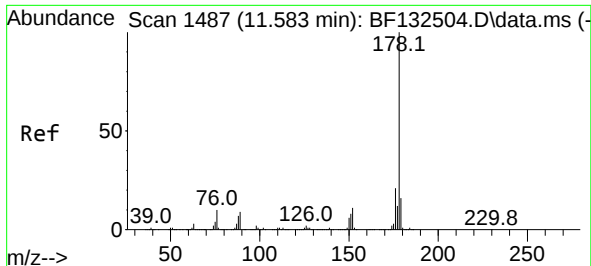
Ion Ratio Lower Upper

266 100

268 63.4 49.8 74.6

264 63.4 50.9 76.3

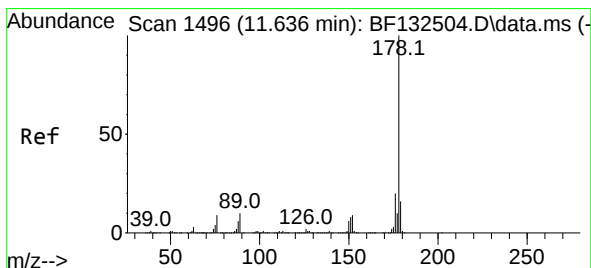
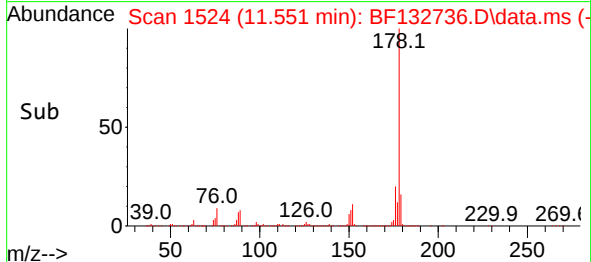
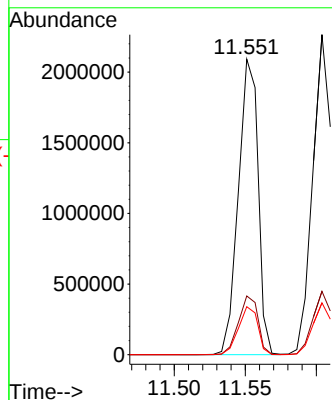
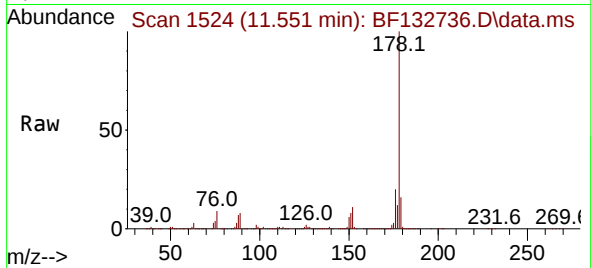




#71
Phenanthrene
Concen: 43.078 ng
RT: 11.551 min Scan# 1524
Delta R.T. -0.006 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

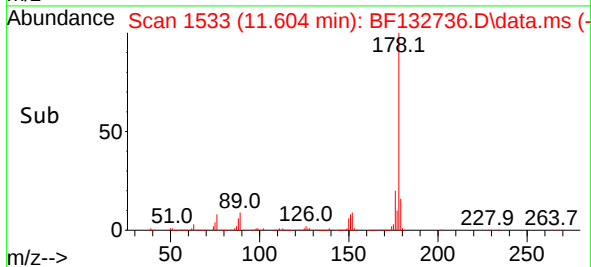
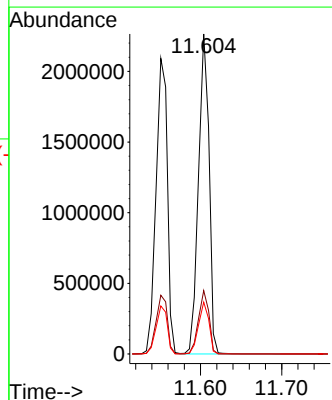
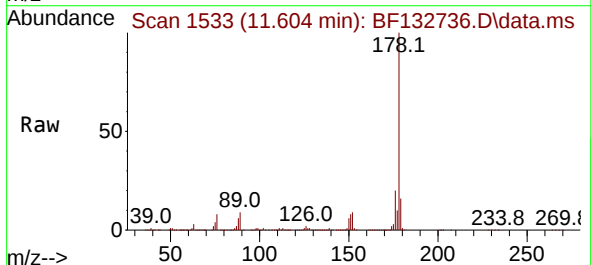
Instrument :
BNA_F
ClientSampleId :
PB151310BS

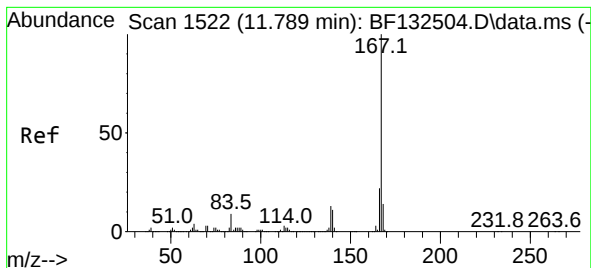
Tgt Ion:178 Resp: 2027914
Ion Ratio Lower Upper
178 100
176 19.8 16.5 24.7
179 16.3 13.0 19.6



#72
Anthracene
Concen: 42.644 ng
RT: 11.604 min Scan# 1533
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

Tgt Ion:178 Resp: 2067241
Ion Ratio Lower Upper
178 100
176 19.8 15.6 23.4
179 16.2 12.5 18.7





#73

Carbazole

Concen: 42.560 ng

RT: 11.763 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132736.D

Acq: 10 Mar 2023 12:16

Instrument :

BNA_F

ClientSampleId :

PB151310BS

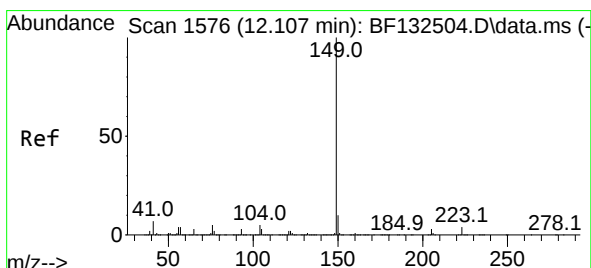
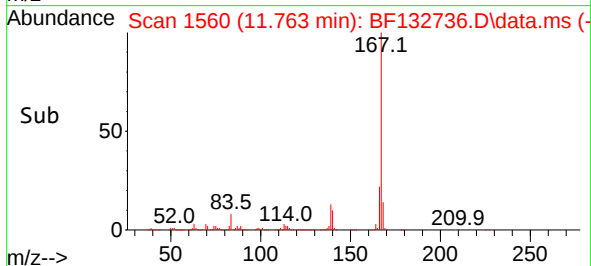
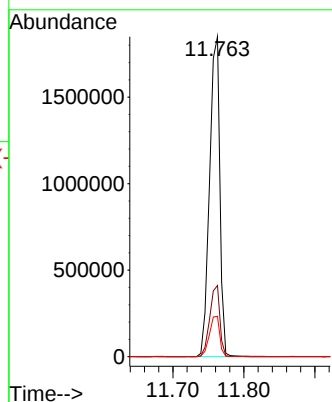
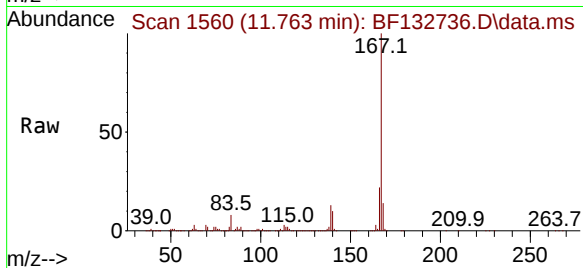
Tgt Ion:167 Resp: 1860181

Ion Ratio Lower Upper

167 100

166 22.3 17.7 26.5

139 12.6 10.5 15.7



#74

Di-n-butylphthalate

Concen: 44.989 ng

RT: 12.075 min Scan# 1613

Delta R.T. 0.000 min

Lab File: BF132736.D

Acq: 10 Mar 2023 12:16

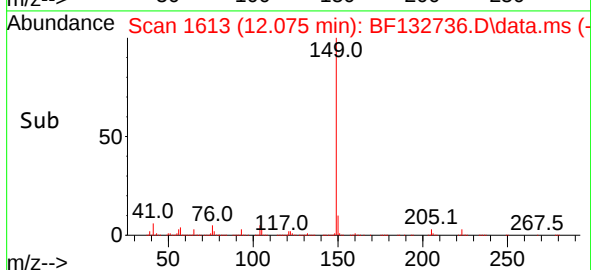
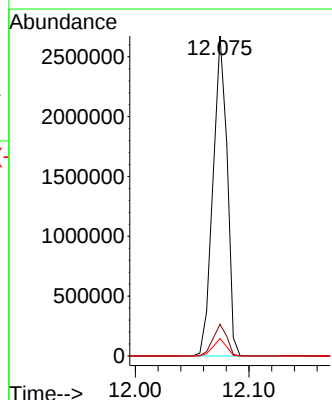
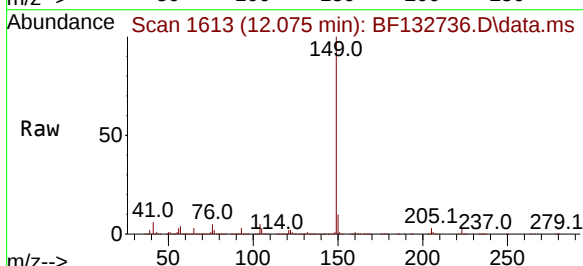
Tgt Ion:149 Resp: 2306541

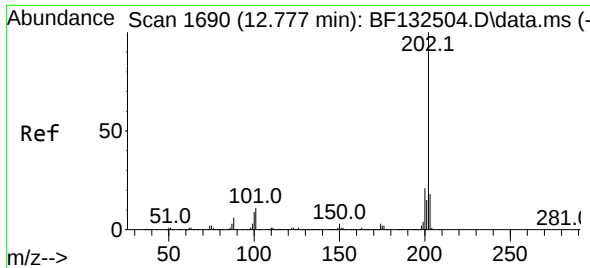
Ion Ratio Lower Upper

149 100

150 9.9 7.8 11.8

104 5.5 4.3 6.5

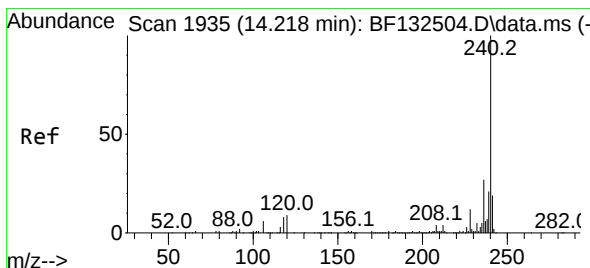
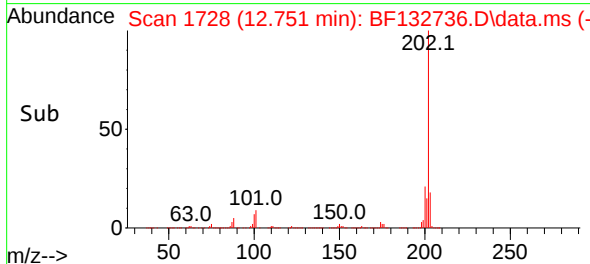
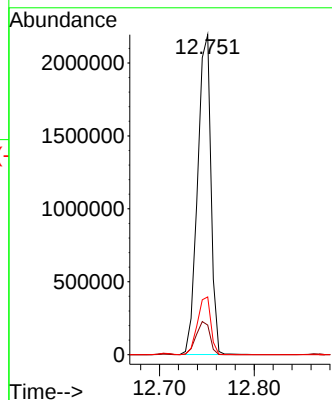
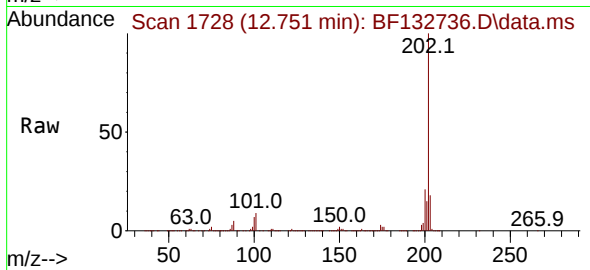




#75
Fluoranthene
Concen: 41.698 ng
RT: 12.751 min Scan# 1728
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

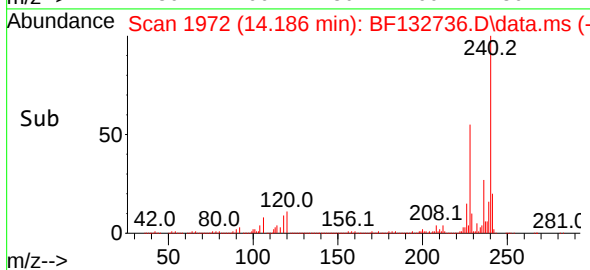
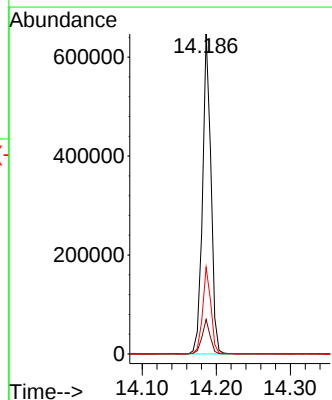
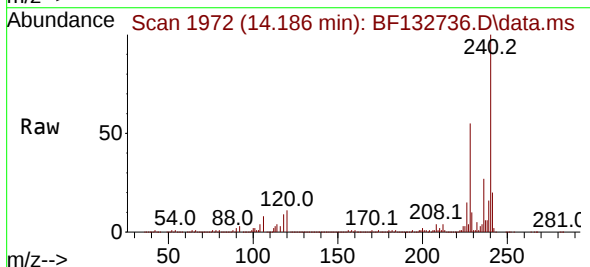
Instrument :
BNA_F
ClientSampleId :
PB151310BS

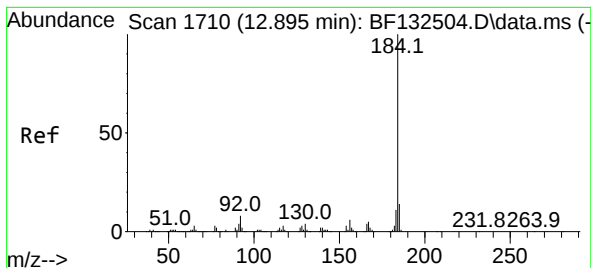
Tgt Ion:202 Resp: 2145932
Ion Ratio Lower Upper
202 100
101 9.2 0.0 31.4
203 18.1 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.186 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

Tgt Ion:240 Resp: 508740
Ion Ratio Lower Upper
240 100
120 10.8 7.2 10.8#
236 27.1 21.8 32.6





#77

Benzidine

Concen: 62.101 ng

RT: 12.863 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF132736.D

Acq: 10 Mar 2023 12:16

Instrument :

BNA_F

ClientSampleId :

PB151310BS

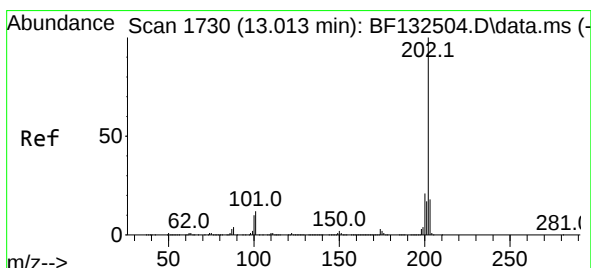
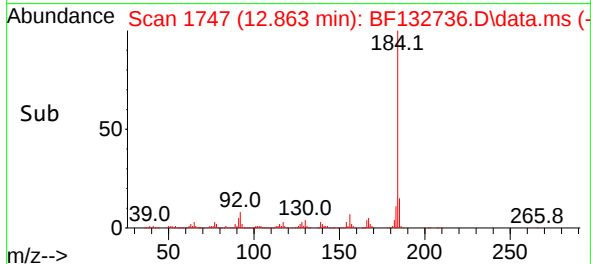
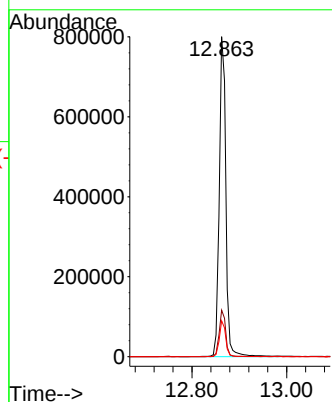
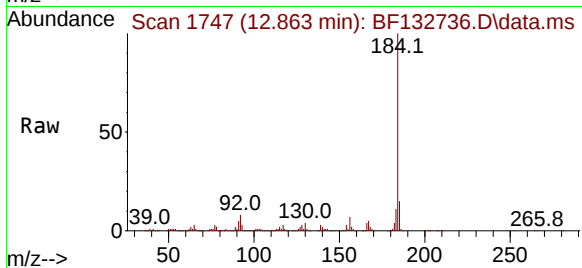
Tgt Ion:184 Resp: 769076

Ion Ratio Lower Upper

184 100

185 14.6 11.7 17.5

183 11.2 8.7 13.1



#78

Pyrene

Concen: 47.118 ng

RT: 12.980 min Scan# 1767

Delta R.T. 0.000 min

Lab File: BF132736.D

Acq: 10 Mar 2023 12:16

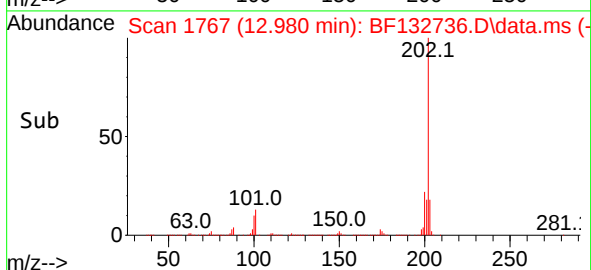
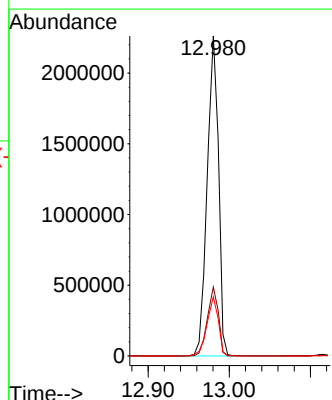
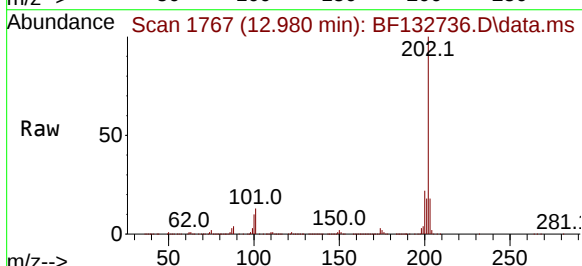
Tgt Ion:202 Resp: 2179374

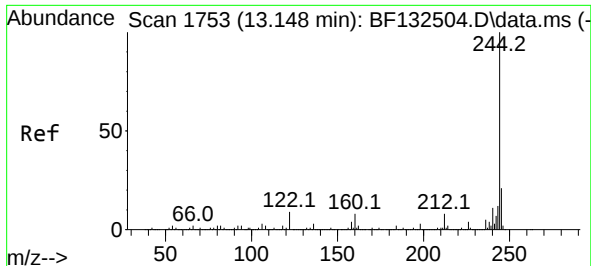
Ion Ratio Lower Upper

202 100

200 21.6 17.1 25.7

203 18.5 14.6 21.8

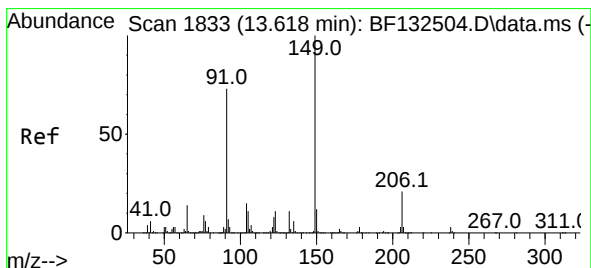
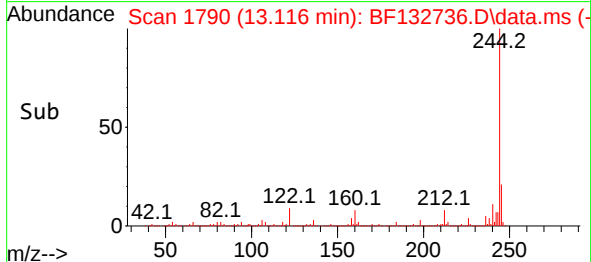
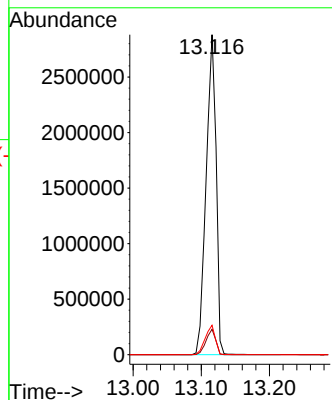
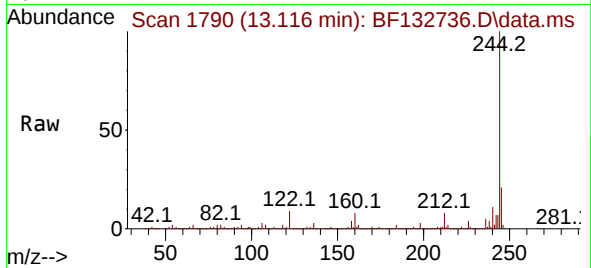




#79
 Terphenyl-d14
 Concen: 97.596 ng
 RT: 13.116 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF132736.D
 Acq: 10 Mar 2023 12:16

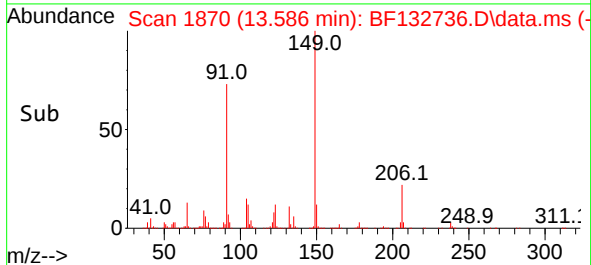
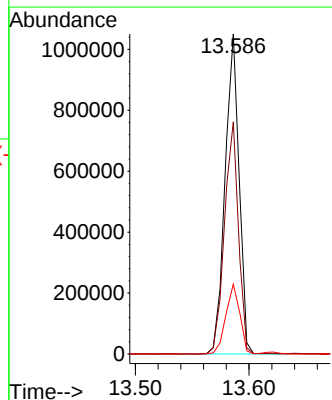
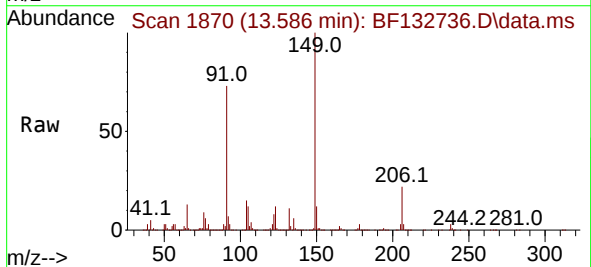
Instrument :
 BNA_F
 ClientSampleId :
 PB151310BS

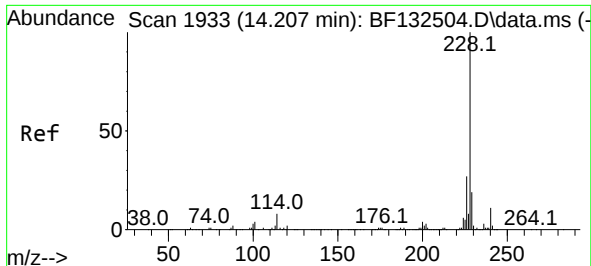
Tgt Ion:244 Resp: 2936621
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.5 9.7
 122 9.2 7.5 11.3



#80
 Butylbenzylphthalate
 Concen: 49.399 ng
 RT: 13.586 min Scan# 1870
 Delta R.T. 0.000 min
 Lab File: BF132736.D
 Acq: 10 Mar 2023 12:16

Tgt Ion:149 Resp: 901649
 Ion Ratio Lower Upper
 149 100
 91 72.5 58.4 87.6
 206 21.8 16.8 25.2

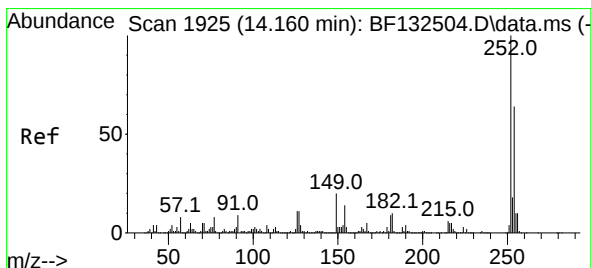
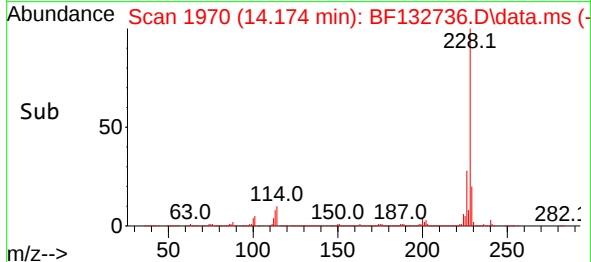
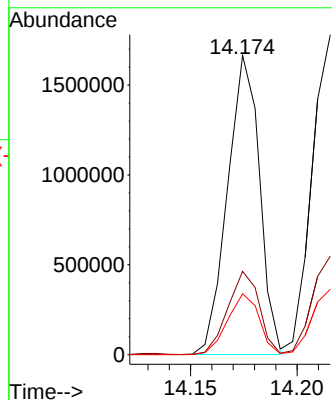
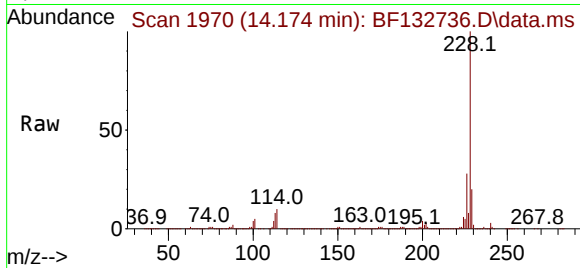




#81
Benzo(a)anthracene
Concen: 45.797 ng
RT: 14.174 min Scan# 1933
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

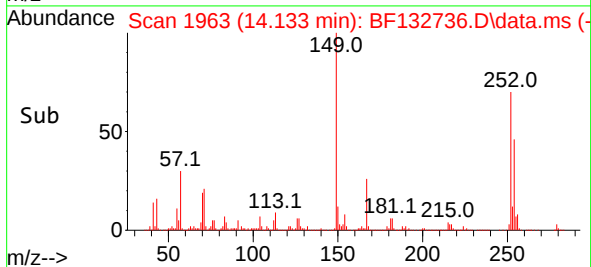
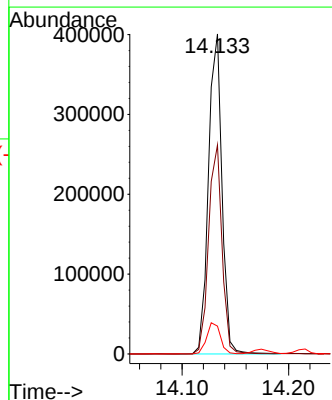
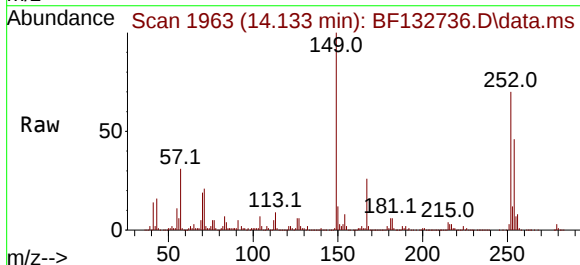
Instrument :
BNA_F
ClientSampleId :
PB151310BS

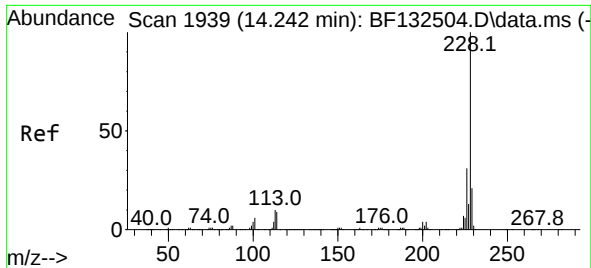
Tgt Ion:228 Resp: 1743262
Ion Ratio Lower Upper
228 100
226 27.8 21.7 32.5
229 20.3 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 31.582 ng
RT: 14.133 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

Tgt Ion:252 Resp: 354421
Ion Ratio Lower Upper
252 100
254 65.3 51.4 77.2
126 8.7 8.9 13.3#

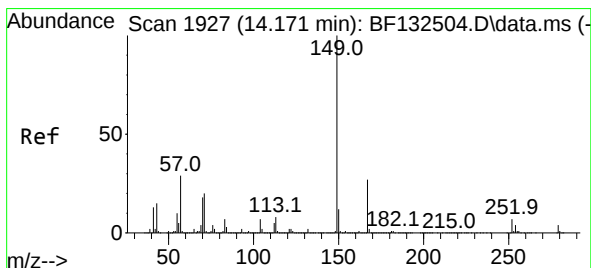
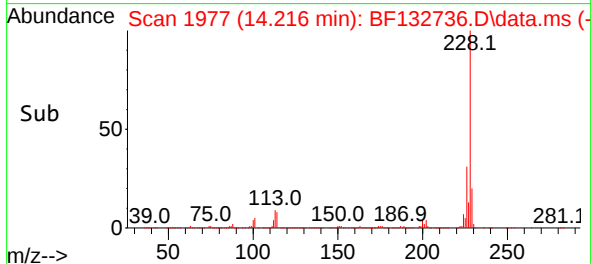
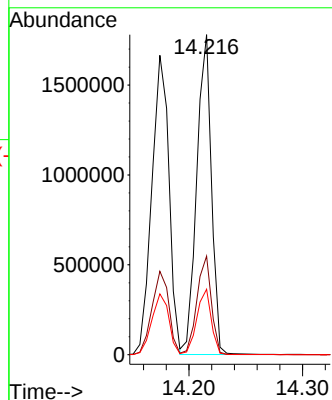
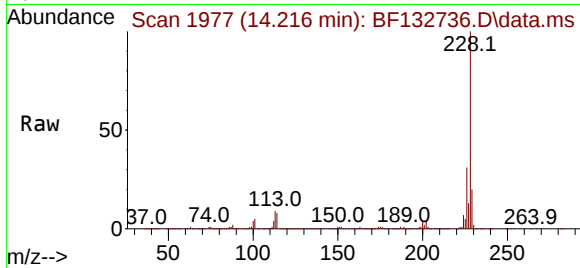




#83
Chrysene
Concen: 44.888 ng
RT: 14.216 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

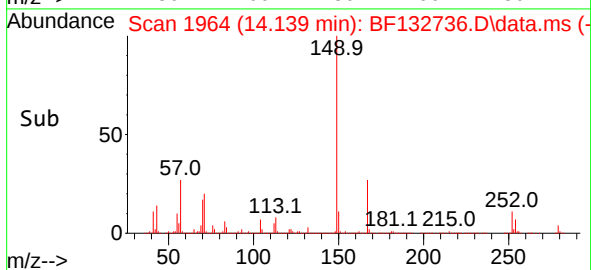
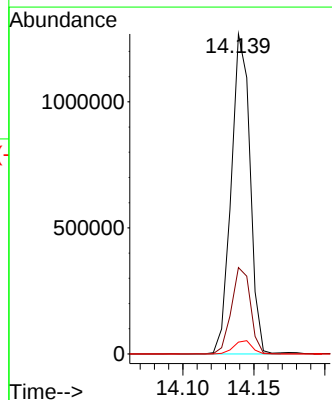
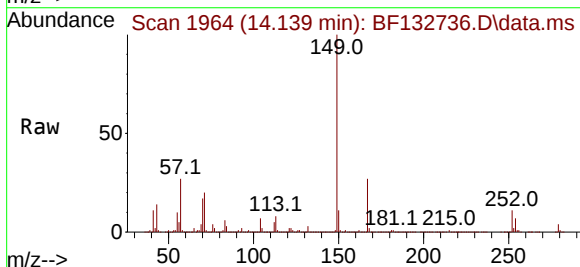
Instrument :
BNA_F
ClientSampleId :
PB151310BS

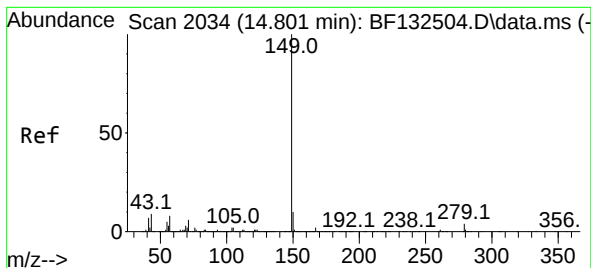
Tgt Ion:228 Resp: 1597815
Ion Ratio Lower Upper
228 100
226 30.8 25.0 37.6
229 20.5 16.4 24.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 52.098 ng
RT: 14.139 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

Tgt Ion:149 Resp: 1168164
Ion Ratio Lower Upper
149 100
167 27.0 21.8 32.6
279 3.7 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 54.075 ng

RT: 14.763 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF132736.D

Acq: 10 Mar 2023 12:16

Instrument :

BNA_F

ClientSampleId :

PB151310BS

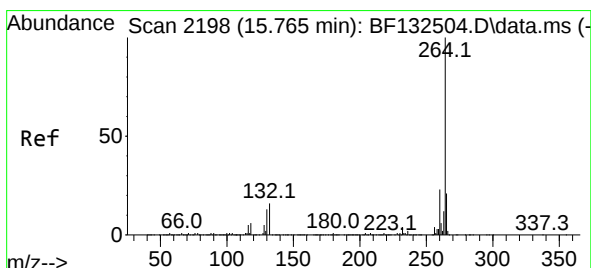
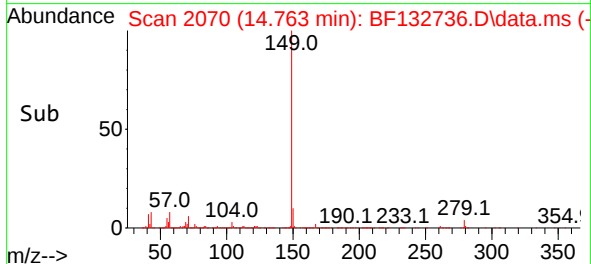
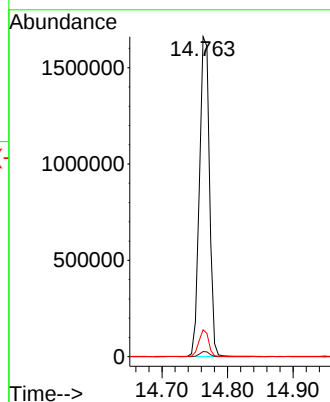
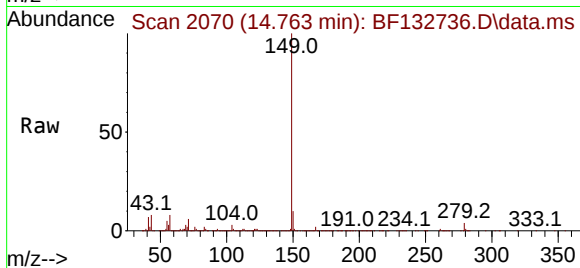
Tgt Ion:149 Resp: 1771810

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 8.0 7.2 10.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.727 min Scan# 2234

Delta R.T. 0.000 min

Lab File: BF132736.D

Acq: 10 Mar 2023 12:16

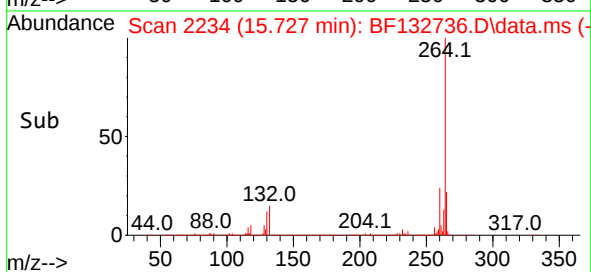
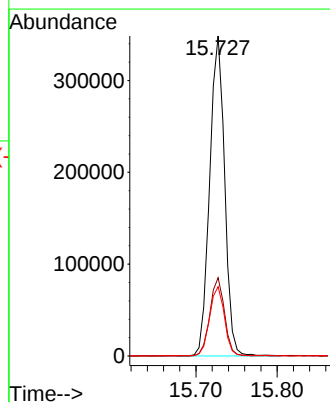
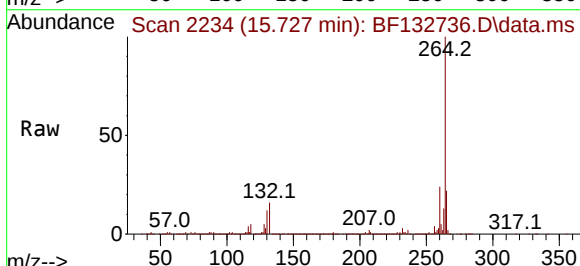
Tgt Ion:264 Resp: 445423

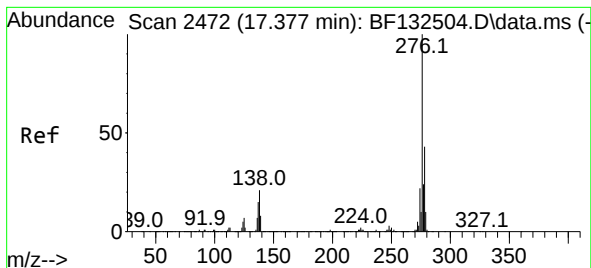
Ion Ratio Lower Upper

264 100

260 24.4 18.8 28.2

265 21.6 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.372 ng

RT: 17.327 min Scan# 2156

Delta R.T. 0.000 min

Lab File: BF132736.D

Acq: 10 Mar 2023 12:16

Instrument :

BNA_F

ClientSampleId :

PB151310BS

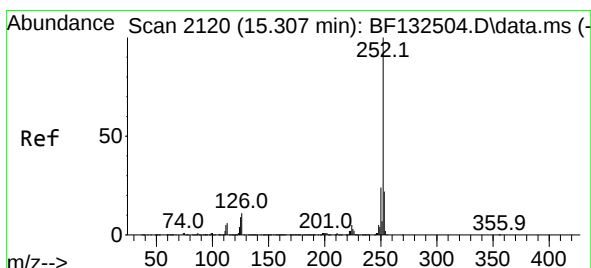
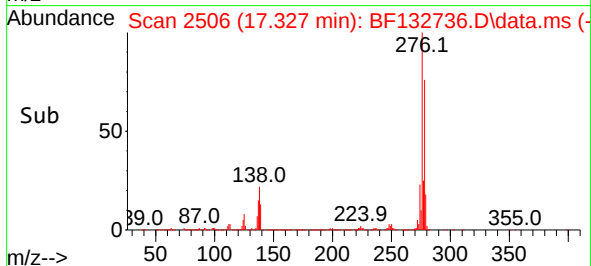
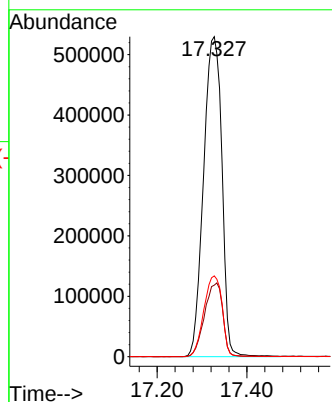
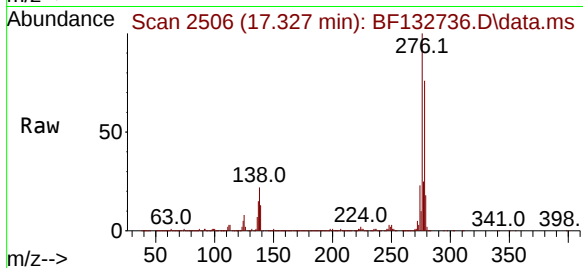
Tgt Ion:276 Resp: 1499351

Ion Ratio Lower Upper

276 100

138 22.9 19.0 28.4

277 25.3 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 51.673 ng

RT: 15.268 min Scan# 2156

Delta R.T. 0.000 min

Lab File: BF132736.D

Acq: 10 Mar 2023 12:16

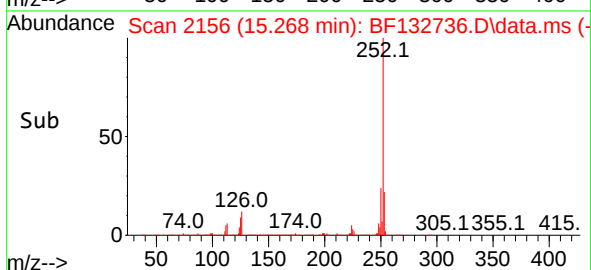
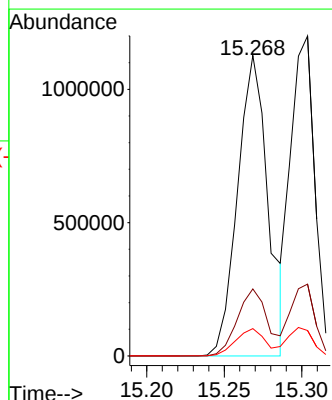
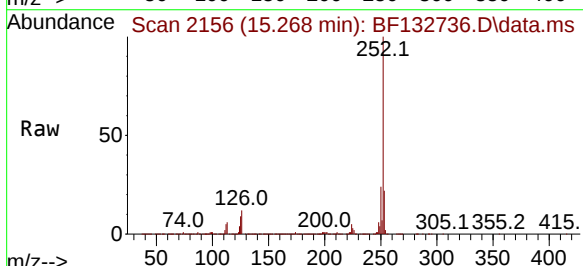
Tgt Ion:252 Resp: 1542453

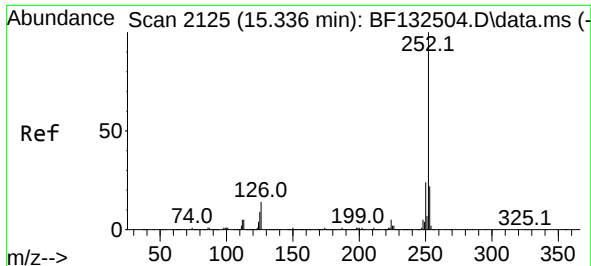
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 9.1 7.0 10.6

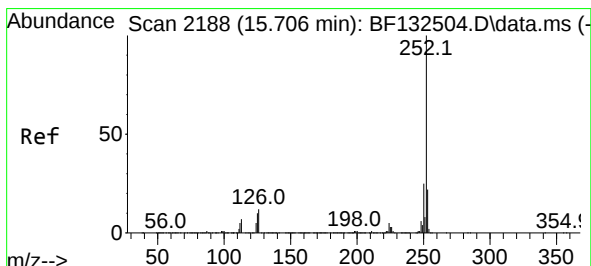
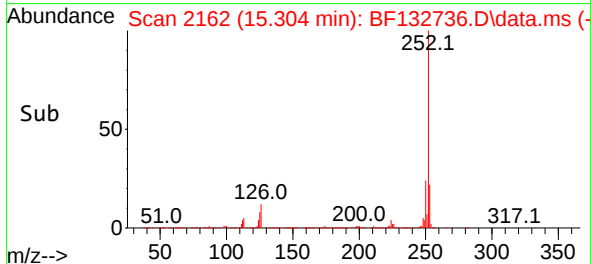
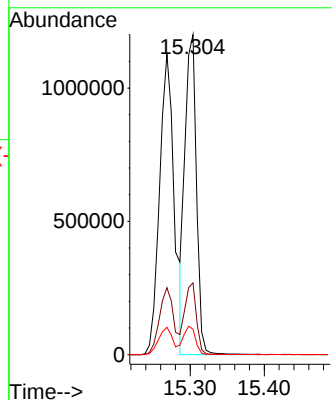
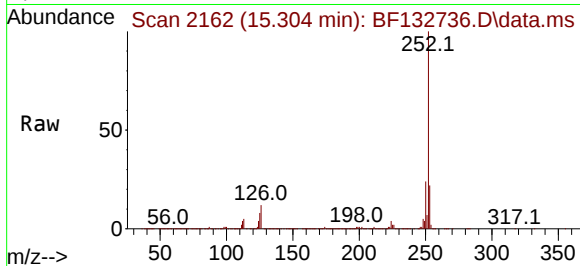




#89
Benzo(k)fluoranthene
Concen: 44.470 ng
RT: 15.304 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

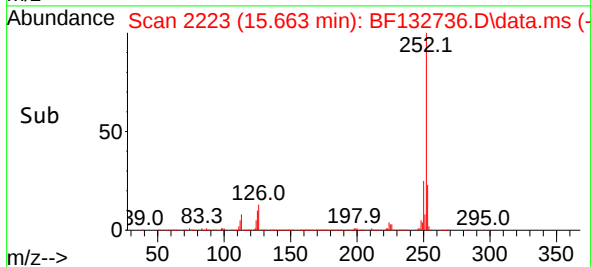
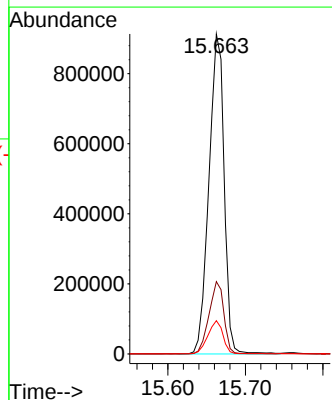
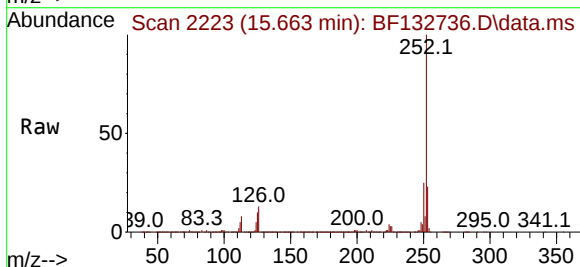
Instrument :
BNA_F
ClientSampleId :
PB151310BS

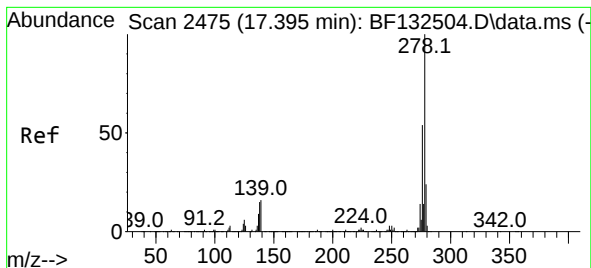
Tgt Ion:252 Resp: 1299157
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 8.0 7.2 10.8



#90
Benzo(a)pyrene
Concen: 44.628 ng
RT: 15.663 min Scan# 2223
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

Tgt Ion:252 Resp: 1246782
Ion Ratio Lower Upper
252 100
253 22.6 17.2 25.8
125 10.4 8.0 12.0





#91

Dibenzo(a,h)anthracene

Concen: 51.676 ng

RT: 17.339 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF132736.D

Acq: 10 Mar 2023 12:16

Instrument :

BNA_F

ClientSampleId :

PB151310BS

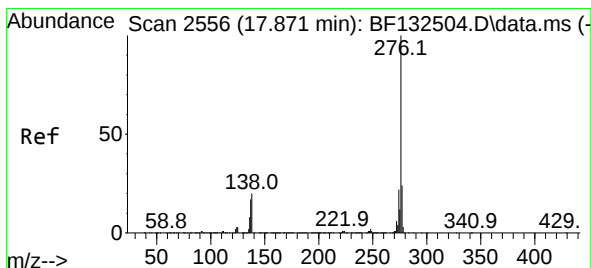
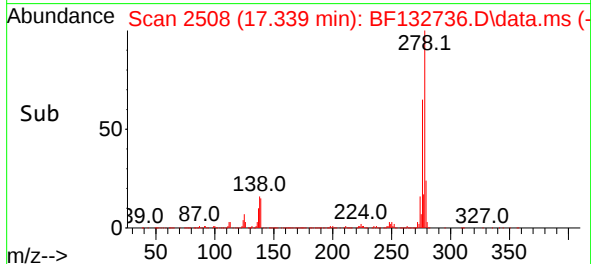
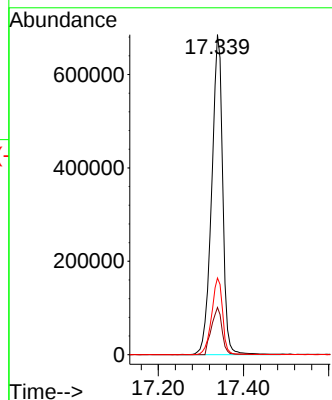
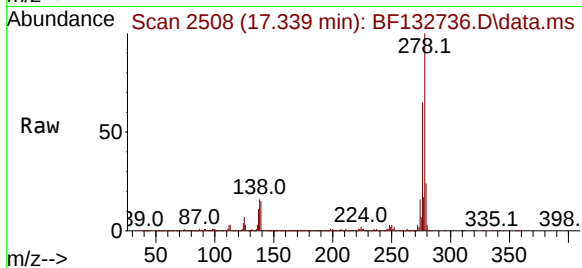
Tgt Ion:278 Resp: 1228852

Ion Ratio Lower Upper

278 100

139 14.7 13.0 19.4

279 24.0 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 47.823 ng

RT: 17.815 min Scan# 2589

Delta R.T. 0.000 min

Lab File: BF132736.D

Acq: 10 Mar 2023 12:16

Tgt Ion:276 Resp: 1285034

Ion Ratio Lower Upper

276 100

277 22.7 18.9 28.3

138 19.8 16.2 24.4

