

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031323\
 Data File : BF132756.D
 Acq On : 13 Mar 2023 12:33
 Operator : CG\JU
 Sample : PB151350BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151350BS

Quant Time: Mar 14 01:28:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 13:44:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.975	152	243268	20.000	ng	0.00
21) Naphthalene-d8	8.257	136	865467	20.000	ng	0.00
39) Acenaphthene-d10	10.022	164	456993	20.000	ng	0.00
64) Phenanthrene-d10	11.510	188	827524	20.000	ng	0.00
76) Chrysene-d12	14.169	240	521409	20.000	ng	# 0.00
86) Perylene-d12	15.704	264	484072	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.616	112	1432202	95.550	ng	0.02
7) Phenol-d6	6.610	99	1833137	93.709	ng	0.00
23) Nitrobenzene-d5	7.540	82	1183624	64.886	ng	0.00
42) 2,4,6-Tribromophenol	10.816	330	483636	97.995	ng	0.00
45) 2-Fluorobiphenyl	9.334	172	1921602	64.026	ng	0.00
79) Terphenyl-d14	13.098	244	2109781	68.413	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.934	88	349459	42.148	ng	96
3) Pyridine	3.681	79	881388	40.048	ng	93
4) n-Nitrosodimethylamine	3.657	42	326261	39.246	ng	83
6) Aniline	6.640	93	934553	35.500	ng	96
8) 2-Chlorophenol	6.763	128	707635	45.487	ng	99
9) Benzaldehyde	6.522	77	377812	35.792	ng	99
10) Phenol	6.628	94	934985	41.689	ng	95
11) bis(2-Chloroethyl)ether	6.710	93	781469	45.136	ng	94
12) 1,3-Dichlorobenzene	6.916	146	770896	46.177	ng	98
13) 1,4-Dichlorobenzene	6.992	146	772623	46.349	ng	98
14) 1,2-Dichlorobenzene	7.145	146	708083	44.261	ng	98
15) Benzyl Alcohol	7.116	79	640794	42.533	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.245	45	942832	42.704	ng	97
17) 2-Methylphenol	7.228	107	600501	41.360	ng	98
18) Hexachloroethane	7.481	117	306479	47.060	ng	98
19) n-Nitroso-di-n-propyla...	7.387	70	469832	39.025	ng	94
20) 3+4-Methylphenols	7.381	107	648248	34.560	ng	96
22) Acetophenone	7.381	105	917352	42.036	ng	96
24) Nitrobenzene	7.563	77	836542	42.879	ng	98
25) Isophorone	7.798	82	1571385	44.931	ng	99
26) 2-Nitrophenol	7.875	139	410691	47.711	ng	96
27) 2,4-Dimethylphenol	7.910	122	622557	45.825	ng	99
28) bis(2-Chloroethoxy)met...	7.998	93	952043	46.534	ng	99
29) 2,4-Dichlorophenol	8.116	162	618994	45.803	ng	98
30) 1,2,4-Trichlorobenzene	8.198	180	698051	47.569	ng	99
31) Naphthalene	8.281	128	1928502	43.527	ng	99
32) Benzoic acid	8.045	122	387078	37.103	ng	94
33) 4-Chloroaniline	8.328	127	333059	17.542	ng	94
34) Hexachlorobutadiene	8.387	225	446686	47.902	ng	99
35) Caprolactam	8.716	113	149725	33.606	ng	98
36) 4-Chloro-3-methylphenol	8.816	107	663973	44.737	ng	95
37) 2-Methylnaphthalene	8.975	142	1293346	42.834	ng	100
38) 1-Methylnaphthalene	9.075	142	1193723	42.304	ng	98
40) 1,2,4,5-Tetrachloroben...	9.139	216	693862	46.407	ng	99
41) Hexachlorocyclopentadiene	9.122	237	799169	98.545	ng	99
43) 2,4,6-Trichlorophenol	9.251	196	461007	45.497	ng	99

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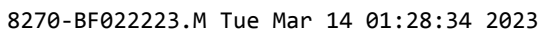
Instrument :
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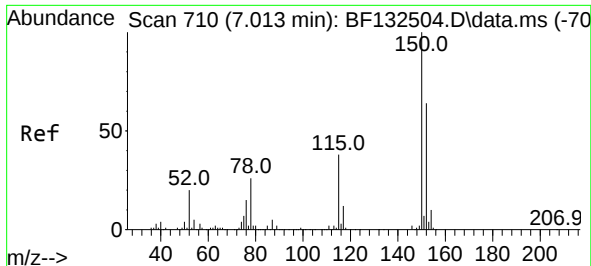
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.298	196	490554	41.480	ng	98
46) 1,1'-Biphenyl	9.439	154	1545141	44.671	ng	98
47) 2-Chloronaphthalene	9.463	162	1240025	45.217	ng	99
48) 2-Nitroaniline	9.563	65	398068	39.412	ng	92
49) Acenaphthylene	9.881	152	1864442	42.718	ng	100
50) Dimethylphthalate	9.733	163	1477832	44.413	ng	99
51) 2,6-Dinitrotoluene	9.804	165	331634	43.763	ng	93
52) Acenaphthene	10.057	154	1103096	39.802	ng	99
53) 3-Nitroaniline	9.975	138	243633	28.741	ng	95
54) 2,4-Dinitrophenol	10.086	184	359231	75.336	ng	99
55) Dibenzofuran	10.228	168	1682043	41.631	ng	98
56) 4-Nitrophenol	10.145	139	445424	70.458	ng	96
57) 2,4-Dinitrotoluene	10.210	165	431312	42.782	ng	99
58) Fluorene	10.575	166	1305940	42.257	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.345	232	391792	44.598	ng	97
60) Diethylphthalate	10.433	149	1390716	42.794	ng	100
61) 4-Chlorophenyl-phenyle...	10.557	204	708910	44.218	ng	95
62) 4-Nitroaniline	10.598	138	337309	40.537	ng	92
63) Azobenzene	10.722	77	1429676	41.539	ng	97
65) 4,6-Dinitro-2-methylph...	10.622	198	246681	44.035	ng	96
66) n-Nitrosodiphenylamine	10.681	169	1163436	45.097	ng	99
67) 4-Bromophenyl-phenylether	11.051	248	446908	47.744	ng	95
68) Hexachlorobenzene	11.122	284	493799	50.134	ng	98
69) Atrazine	11.204	200	405079	50.295	ng	99
70) Pentachlorophenol	11.322	266	446038	76.114	ng	98
71) Phenanthrene	11.539	178	1852892	43.221	ng	100
72) Anthracene	11.592	178	1901995	43.084	ng	99
73) Carbazole	11.745	167	1702710	42.779	ng	99
74) Di-n-butylphthalate	12.063	149	2140198	45.840	ng	99
75) Fluoranthene	12.733	202	1996903	42.609	ng	99
77) Benzidine	12.851	184	933358	73.536	ng	100
78) Pyrene	12.969	202	2031150	42.847	ng	99
80) Butylbenzylphthalate	13.569	149	888872	47.515	ng	100
81) Benzo(a)anthracene	14.157	228	1744289	44.710	ng	97
82) 3,3'-Dichlorobenzidine	14.116	252	340387	29.594	ng	# 98
83) Chrysene	14.198	228	1614201	44.247	ng	99
84) Bis(2-ethylhexyl)phtha...	14.121	149	1206113	52.484	ng	99
85) Di-n-octyl phthalate	14.745	149	1938172	57.715	ng	98
87) Indeno(1,2,3-cd)pyrene	17.292	276	1484593	46.805	ng	99
88) Benzo(b)fluoranthene	15.245	252	1588329	48.962	ng	98
89) Benzo(k)fluoranthene	15.280	252	1367518	43.073	ng	99
90) Benzo(a)pyrene	15.639	252	1298049	42.753	ng	99
91) Dibenzo(a,h)anthracene	17.304	278	1216208	47.061	ng	98
92) Benzo(g,h,i)perylene	17.774	276	1243143	42.748	ng	99

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

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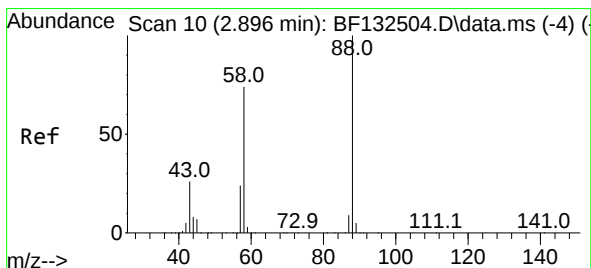
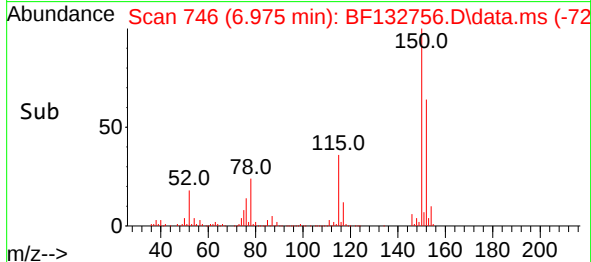
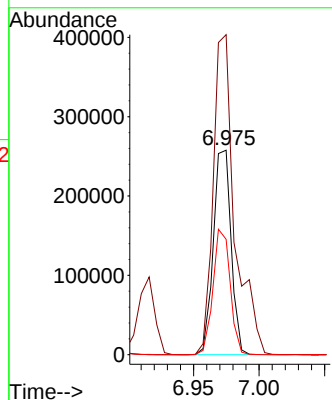
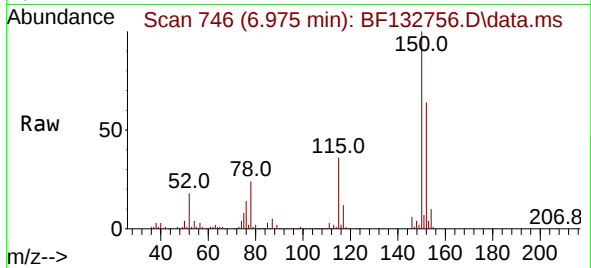




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.975 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF132756.D
Acq: 13 Mar 2023 12:33

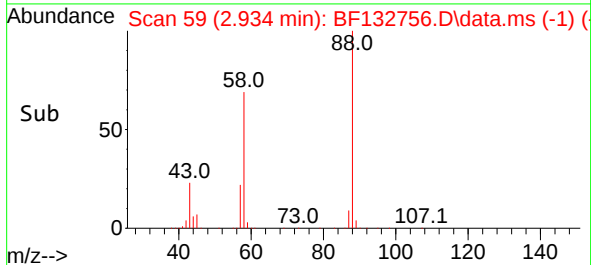
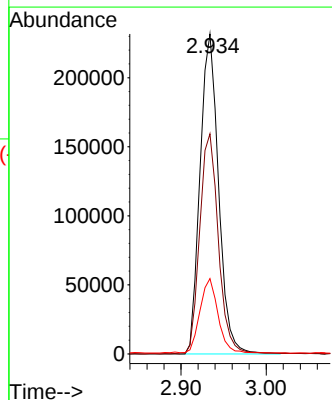
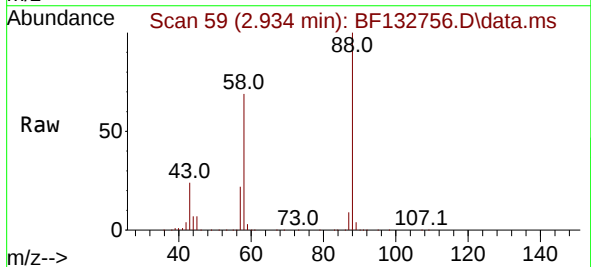
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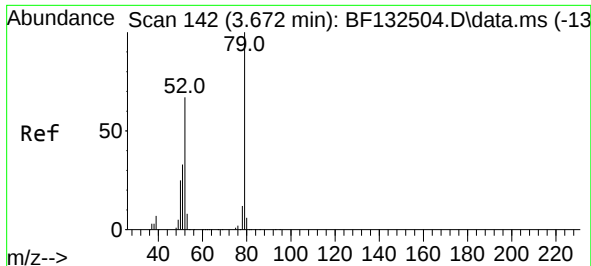
Tgt Ion:152 Resp: 243268
Ion Ratio Lower Upper
152 100
150 156.4 125.4 188.2
115 56.4 47.8 71.6



#2
1,4-Dioxane
Concen: 42.148 ng
RT: 2.934 min Scan# 59
Delta R.T. 0.112 min
Lab File: BF132756.D
Acq: 13 Mar 2023 12:33

Tgt Ion: 88 Resp: 349459
Ion Ratio Lower Upper
88 100
58 69.4 58.3 87.5
43 23.1 20.7 31.1

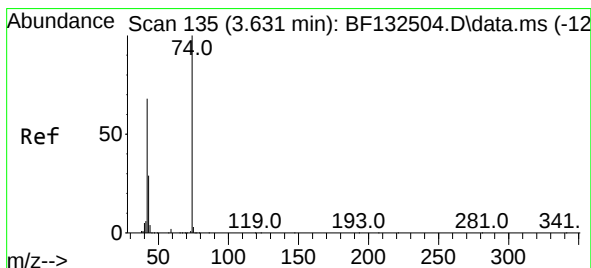
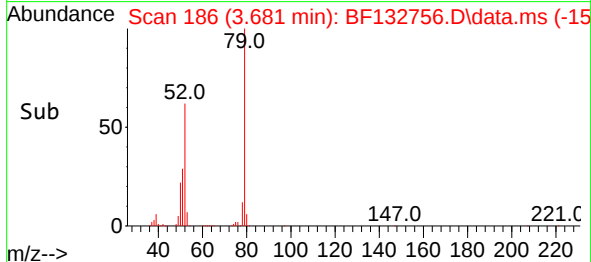
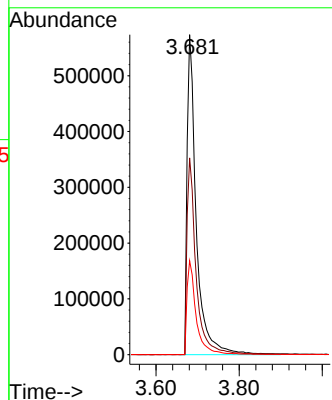
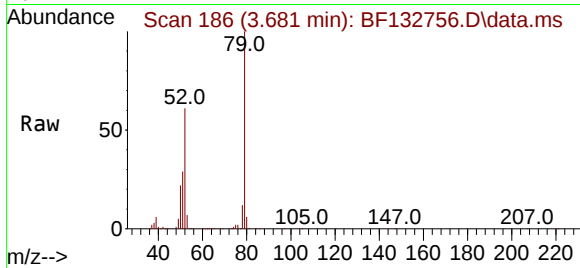




#3
Pyridine
Concen: 40.048 ng
RT: 3.681 min Scan# 11
Delta R.T. 0.077 min
Lab File: BF132756.D
Acq: 13 Mar 2023 12:33

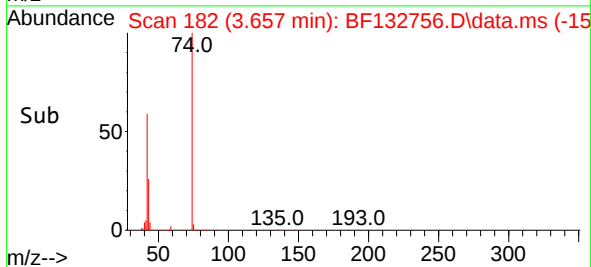
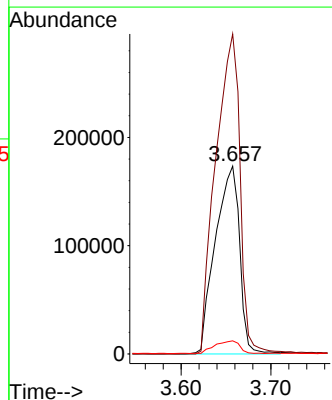
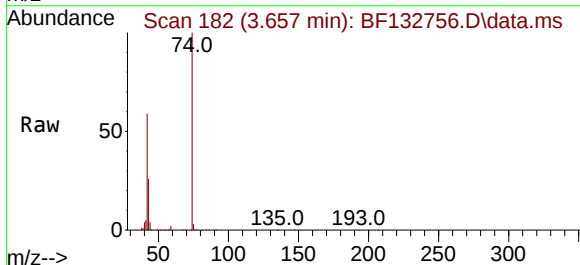
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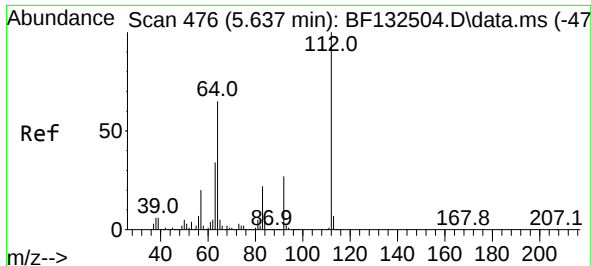
Tgt Ion: 79 Resp: 881388
Ion Ratio Lower Upper
79 100
52 61.5 53.7 80.5
51 29.4 26.6 40.0



#4
n-Nitrosodimethylamine
Concen: 39.246 ng
RT: 3.657 min Scan# 182
Delta R.T. 0.082 min
Lab File: BF132756.D
Acq: 13 Mar 2023 12:33

Tgt Ion: 42 Resp: 326261
Ion Ratio Lower Upper
42 100
74 170.4 118.2 177.2
44 7.0 5.3 7.9

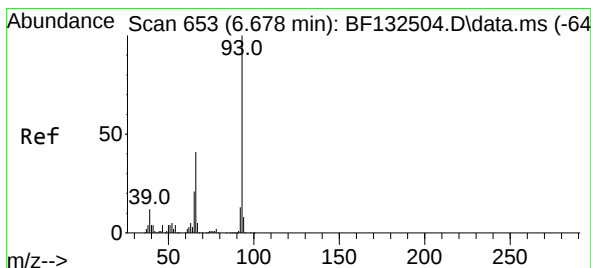
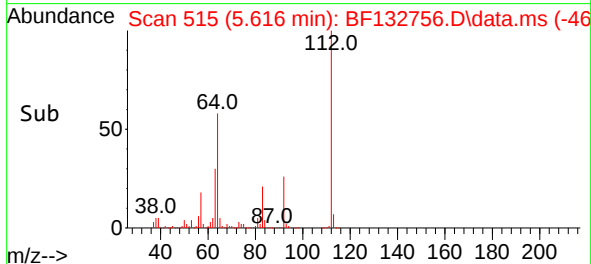
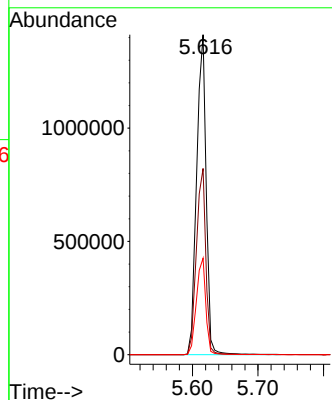
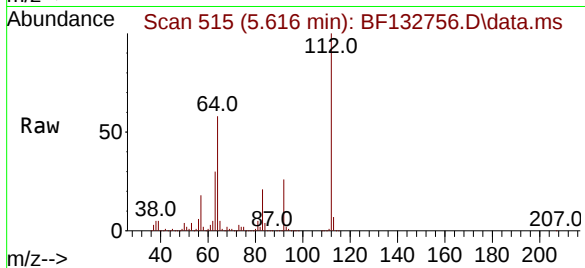




#5
2-Fluorophenol
Concen: 95.550 ng
RT: 5.616 min Scan# 515
Delta R.T. 0.018 min
Lab File: BF132756.D
Acq: 13 Mar 2023 12:33

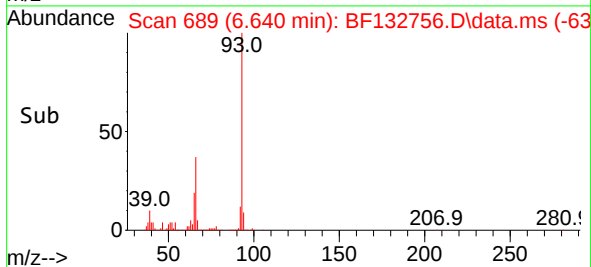
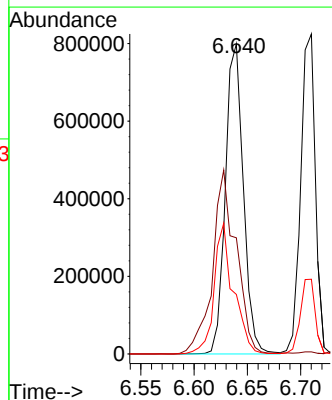
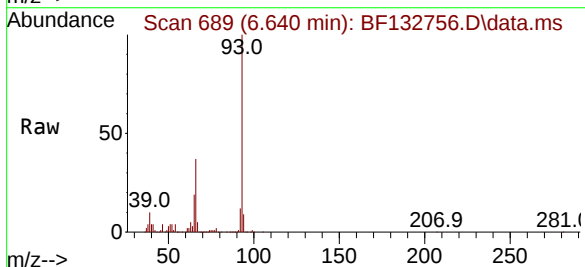
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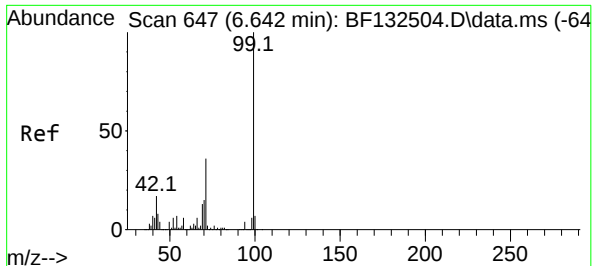
Tgt Ion:112 Resp: 1432202
Ion Ratio Lower Upper
112 100
64 58.2 51.6 77.4
63 30.2 27.4 41.2



#6
Aniline
Concen: 35.500 ng
RT: 6.640 min Scan# 689
Delta R.T. -0.006 min
Lab File: BF132756.D
Acq: 13 Mar 2023 12:33

Tgt Ion: 93 Resp: 934553
Ion Ratio Lower Upper
93 100
66 37.5 32.5 48.7
65 19.2 16.6 24.8

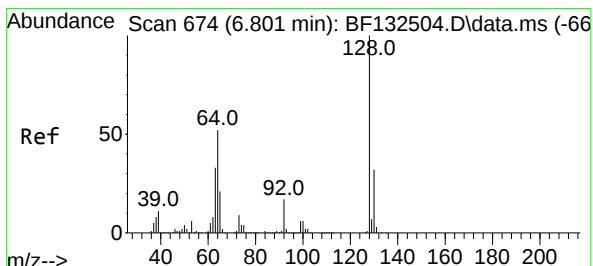
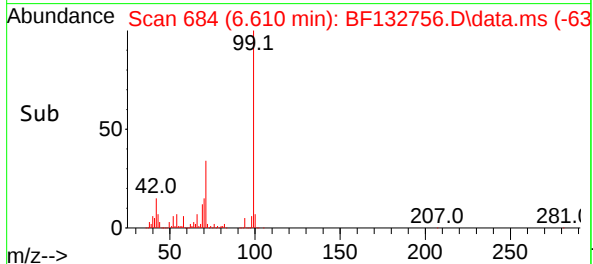
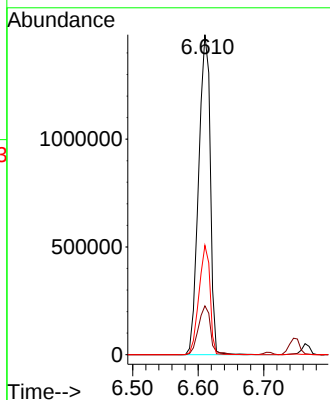
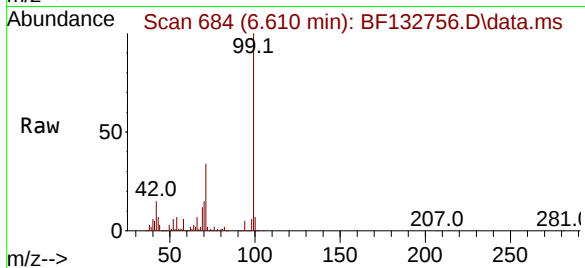




#7
Phenol-d6
Concen: 93.709 ng
RT: 6.610 min Scan# 610
Delta R.T. 0.000 min
Lab File: BF132756.D
Acq: 13 Mar 2023 12:33

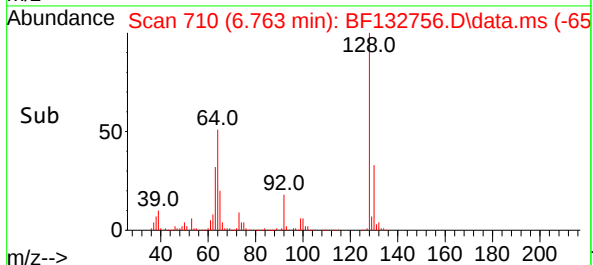
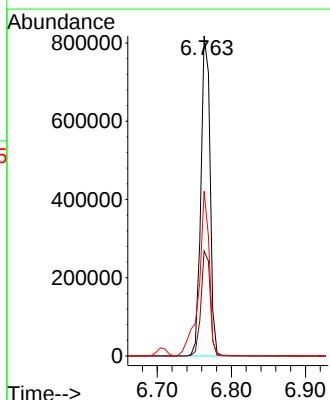
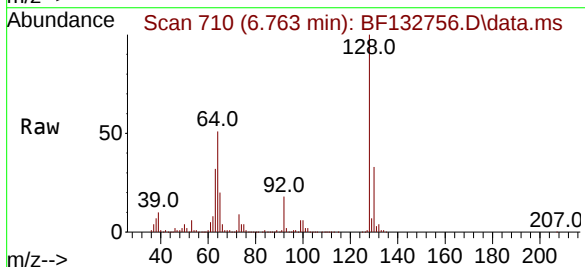
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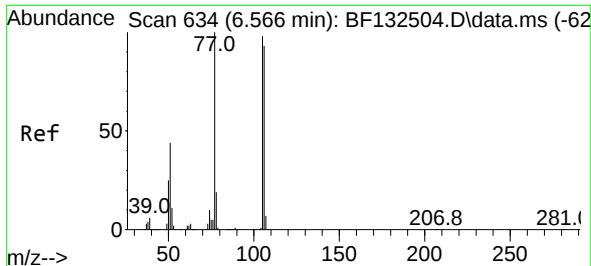
Tgt Ion: 99 Resp: 1833137
Ion Ratio Lower Upper
99 100
42 15.3 13.9 20.9
71 34.2 28.5 42.7



#8
2-Chlorophenol
Concen: 45.487 ng
RT: 6.763 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF132756.D
Acq: 13 Mar 2023 12:33

Tgt Ion: 128 Resp: 707635
Ion Ratio Lower Upper
128 100
130 32.8 12.1 52.1
64 51.4 32.0 72.0

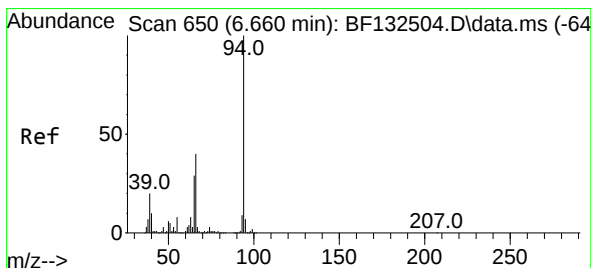
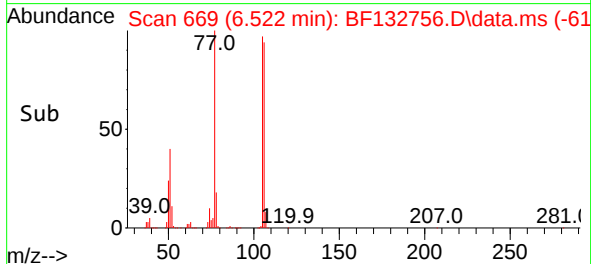
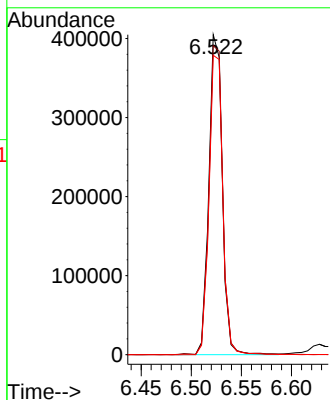
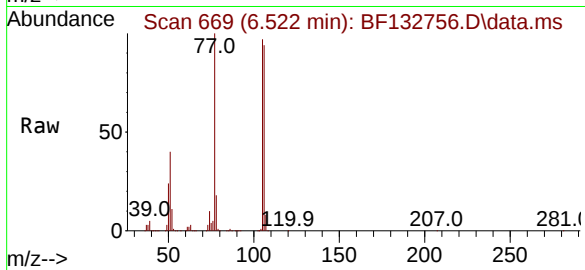




#9
Benzaldehyde
Concen: 35.792 ng
RT: 6.522 min Scan# 610
Delta R.T. -0.006 min
Lab File: BF132756.D
Acq: 13 Mar 2023 12:33

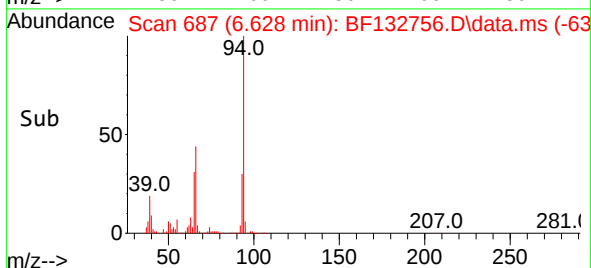
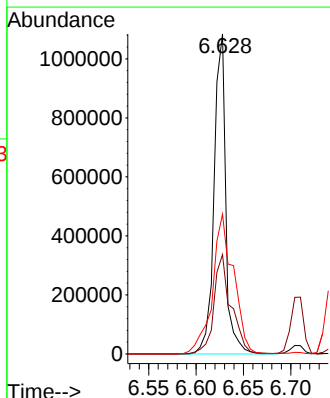
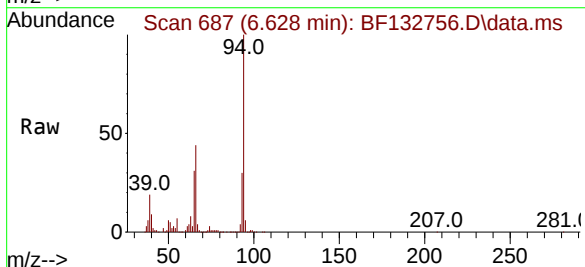
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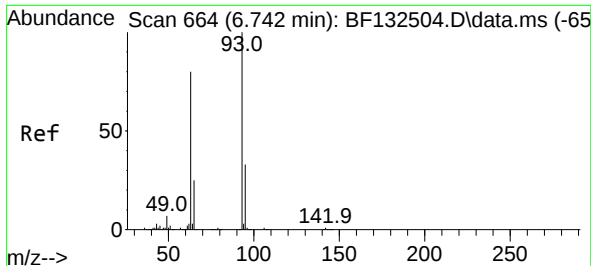
Tgt Ion: 77 Resp: 377812
Ion Ratio Lower Upper
77 100
105 96.6 77.9 117.9
106 93.6 73.4 113.4



#10
Phenol
Concen: 41.689 ng
RT: 6.628 min Scan# 687
Delta R.T. 0.006 min
Lab File: BF132756.D
Acq: 13 Mar 2023 12:33

Tgt Ion: 94 Resp: 934985
Ion Ratio Lower Upper
94 100
65 31.1 9.4 49.4
66 43.7 19.8 59.8





#11

bis(2-Chloroethyl)ether

Concen: 45.136 ng

RT: 6.710 min Scan# 701

Delta R.T. 0.000 min

Lab File: BF132756.D

Acq: 13 Mar 2023 12:33

Instrument :

BNA_F

ClientSampleId :

PB151350BS

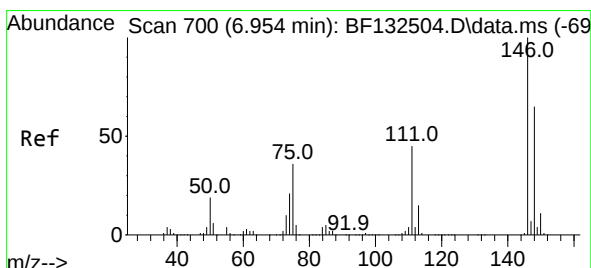
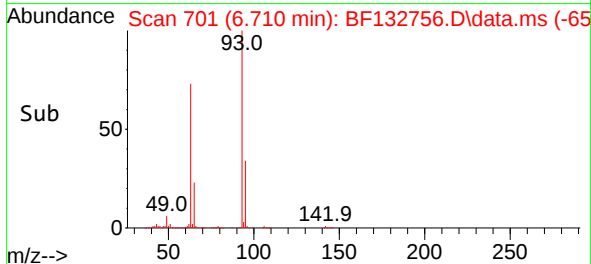
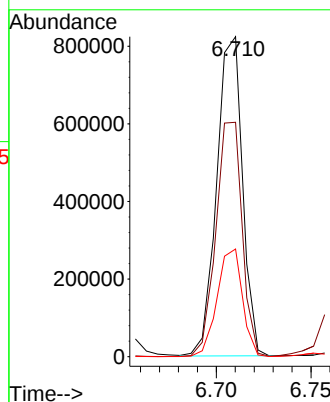
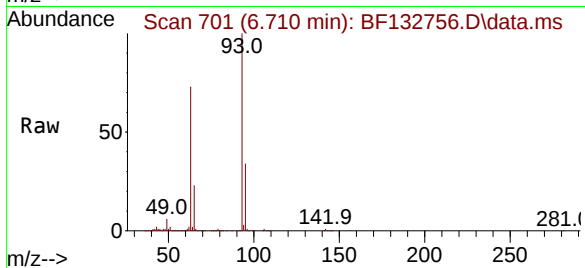
Tgt Ion: 93 Resp: 781469

Ion Ratio Lower Upper

93 100

63 73.3 59.6 99.6

95 33.7 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 46.177 ng

RT: 6.916 min Scan# 736

Delta R.T. 0.000 min

Lab File: BF132756.D

Acq: 13 Mar 2023 12:33

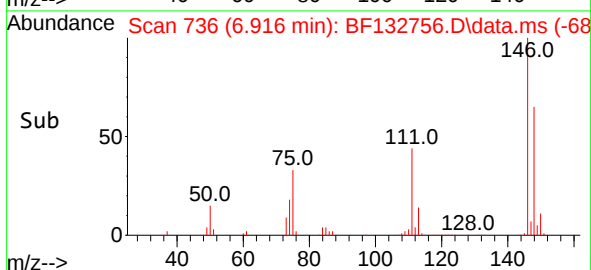
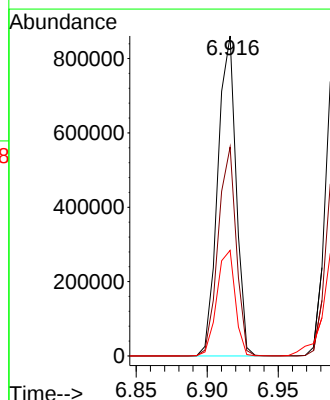
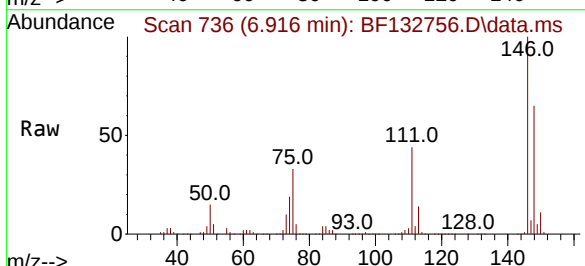
Tgt Ion:146 Resp: 770896

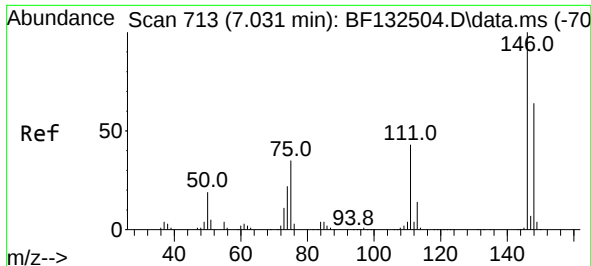
Ion Ratio Lower Upper

146 100

148 65.3 51.9 77.9

75 33.0 28.9 43.3

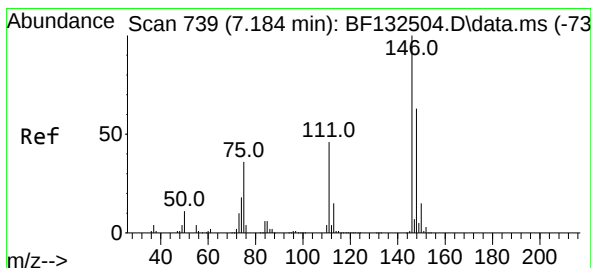
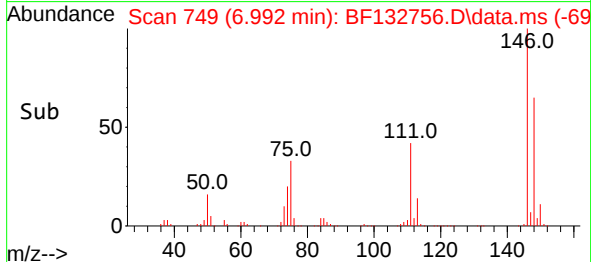
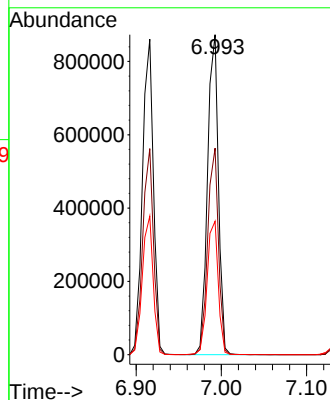
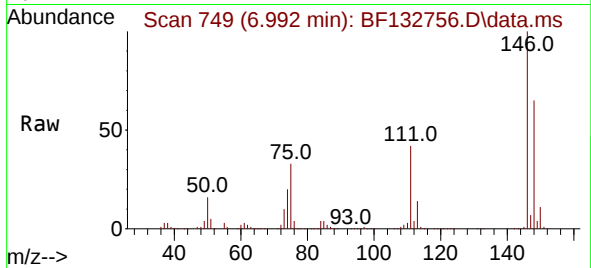




#13
1,4-Dichlorobenzene
Concen: 46.349 ng
RT: 6.992 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF132756.D
Acq: 13 Mar 2023 12:33

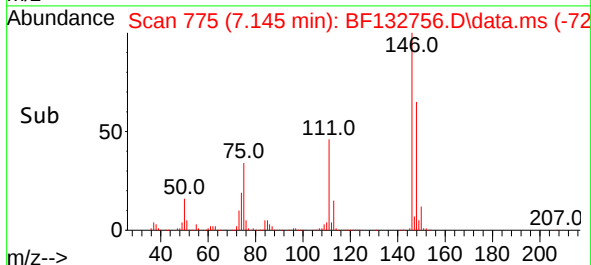
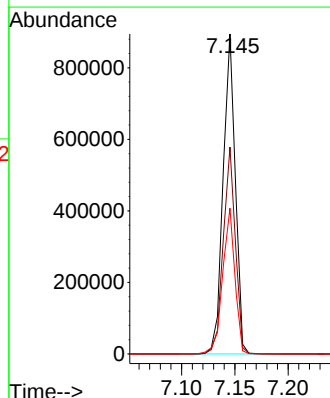
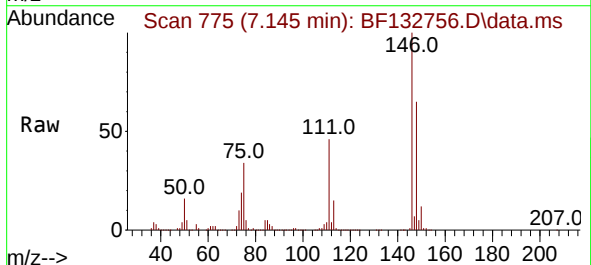
Instrument :
BNA_F
ClientSampleId :
PB151350BS

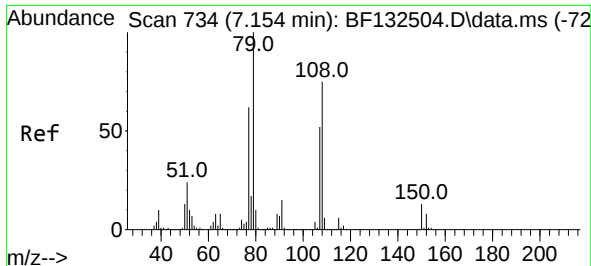
Tgt Ion:146 Resp: 772623
Ion Ratio Lower Upper
146 100
148 64.5 51.1 76.7
111 41.7 34.8 52.2



#14
1,2-Dichlorobenzene
Concen: 44.261 ng
RT: 7.145 min Scan# 775
Delta R.T. 0.000 min
Lab File: BF132756.D
Acq: 13 Mar 2023 12:33

Tgt Ion:146 Resp: 708083
Ion Ratio Lower Upper
146 100
148 64.6 50.6 75.8
111 45.5 37.2 55.8

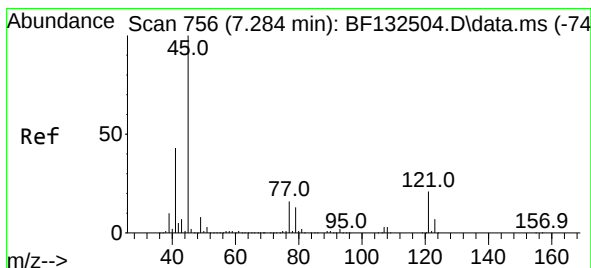
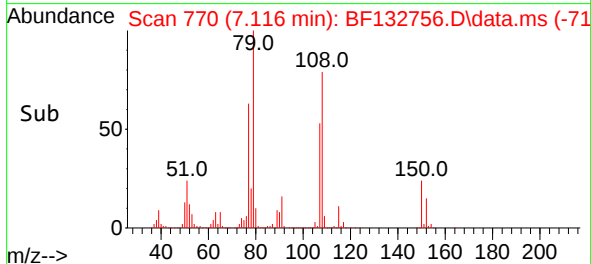
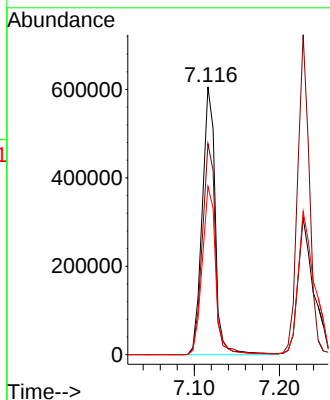
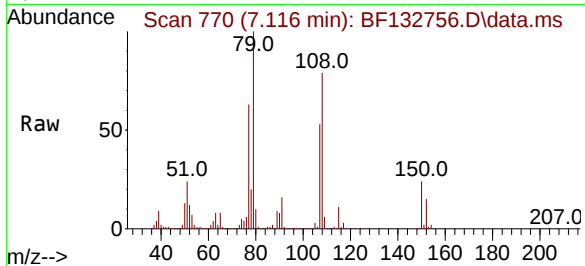




#15
Benzyl Alcohol
Concen: 42.533 ng
RT: 7.116 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132756.D
Acq: 13 Mar 2023 12:33

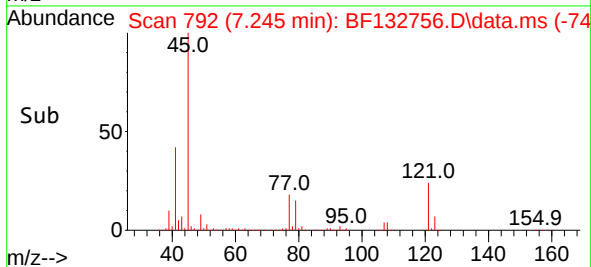
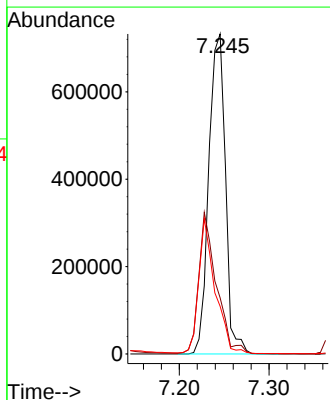
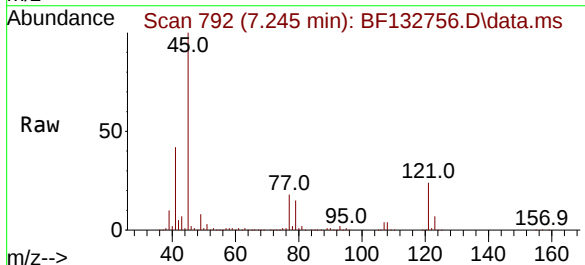
Instrument :
BNA_F
ClientSampleId :
PB151350BS

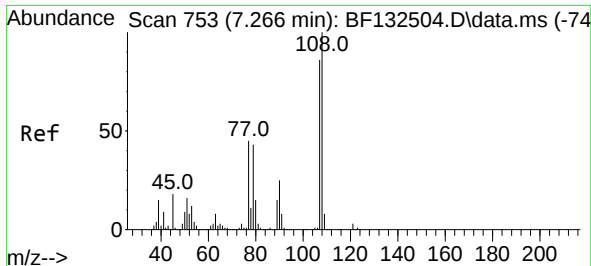
Tgt Ion: 79 Resp: 640794
Ion Ratio Lower Upper
79 100
108 78.8 60.2 90.4
77 62.8 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.704 ng
RT: 7.245 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF132756.D
Acq: 13 Mar 2023 12:33

Tgt Ion: 45 Resp: 942832
Ion Ratio Lower Upper
45 100
77 17.6 0.0 36.4
79 14.9 0.0 33.4

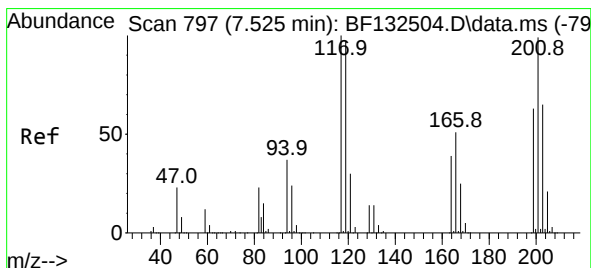
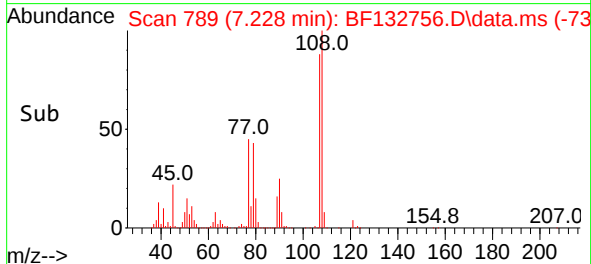
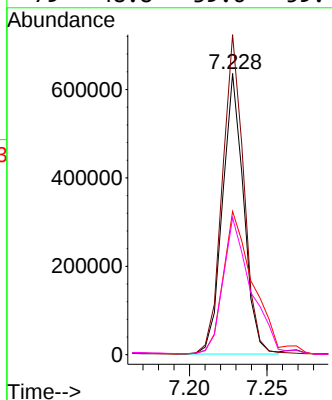
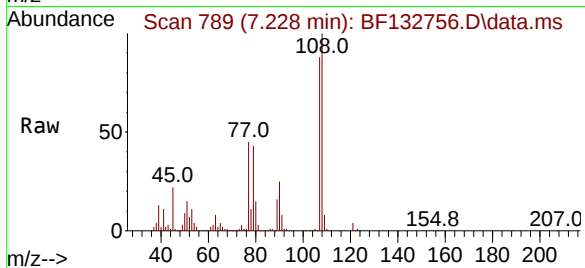




#17
2-Methylphenol
Concen: 41.360 ng
RT: 7.228 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132756.D
Acq: 13 Mar 2023 12:33

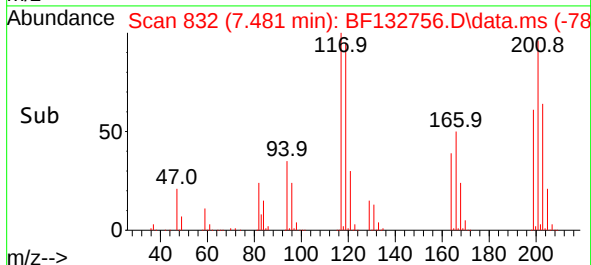
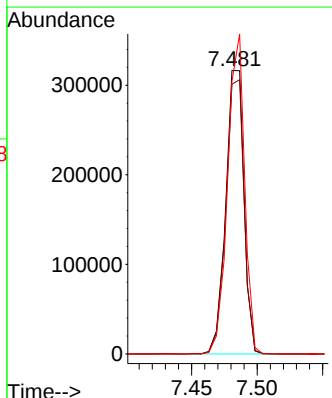
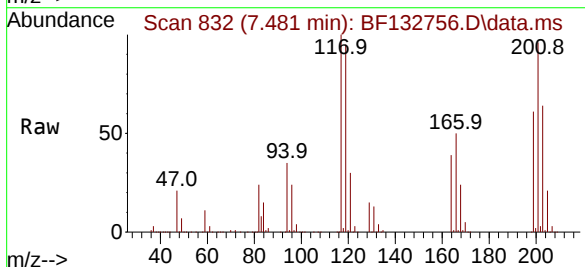
Instrument :
BNA_F
ClientSampleId :
PB151350BS

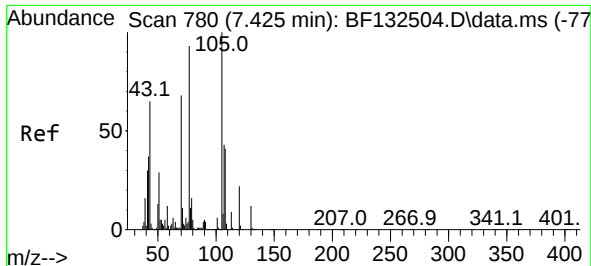
Tgt Ion:	107	Resp:	600501
Ion	Ratio	Lower	Upper
107	100		
108	113.8	93.0	139.4
77	51.0	42.1	63.1
79	48.8	39.6	59.4



#18
Hexachloroethane
Concen: 47.060 ng
RT: 7.481 min Scan# 832
Delta R.T. -0.006 min
Lab File: BF132756.D
Acq: 13 Mar 2023 12:33

Tgt Ion:	117	Resp:	306479
Ion	Ratio	Lower	Upper
117	100		
119	95.2	78.0	117.0
201	96.2	79.0	118.4

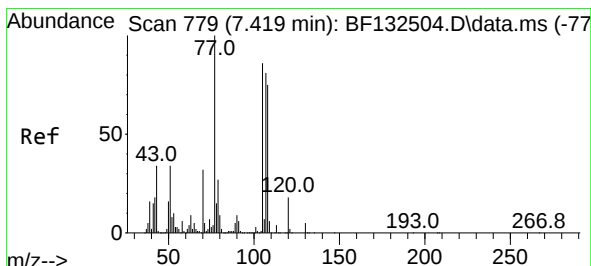
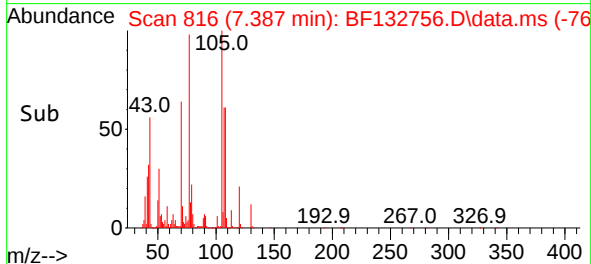
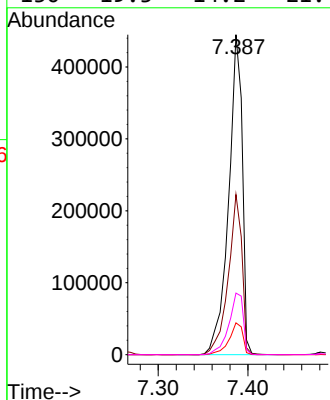
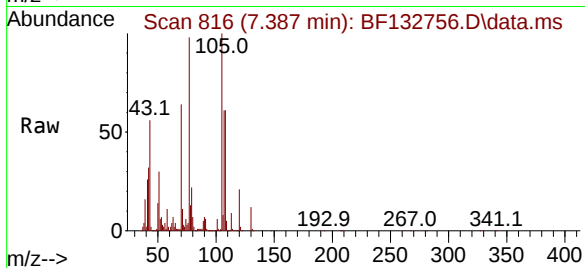




#19
n-Nitroso-di-n-propylamine
Concen: 39.025 ng
RT: 7.387 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF132756.D
Acq: 13 Mar 2023 12:33

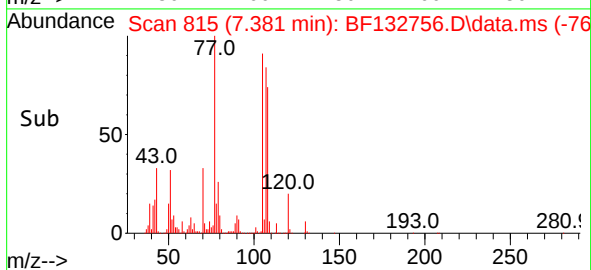
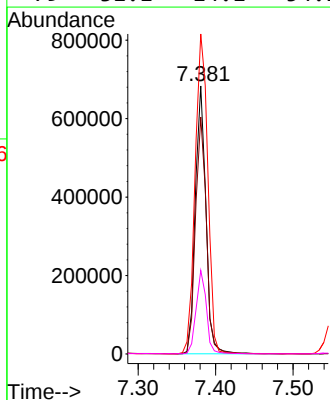
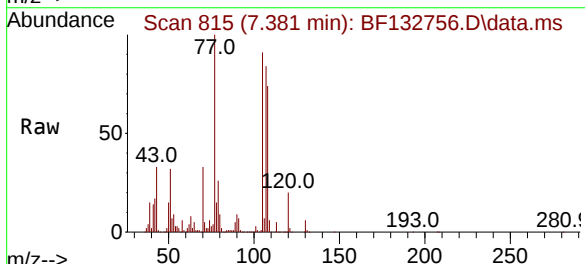
Instrument :
BNA_F
ClientSampleId :
PB151350BS

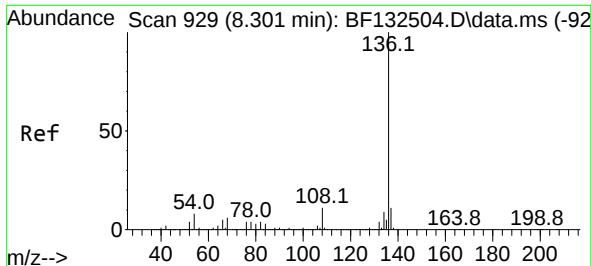
Tgt Ion: 70 Resp: 469832
Ion Ratio Lower Upper
70 100
42 50.1 44.1 66.1
101 10.0 7.4 11.2
130 19.3 14.2 21.4



#20
3+4-Methylphenols
Concen: 34.560 ng
RT: 7.381 min Scan# 815
Delta R.T. 0.000 min
Lab File: BF132756.D
Acq: 13 Mar 2023 12:33

Tgt Ion: 107 Resp: 648248
Ion Ratio Lower Upper
107 100
108 88.4 72.6 112.6
77 119.4 104.0 144.0
79 31.1 14.1 54.1

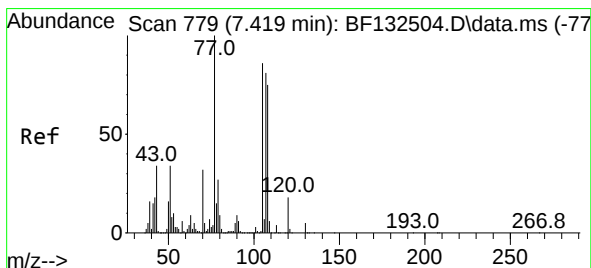
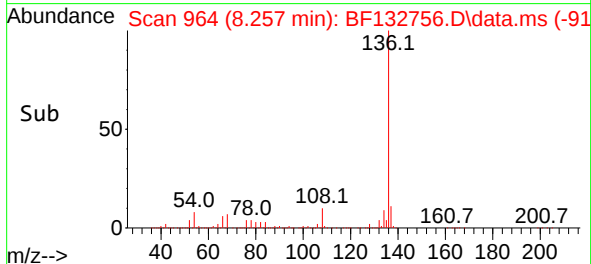
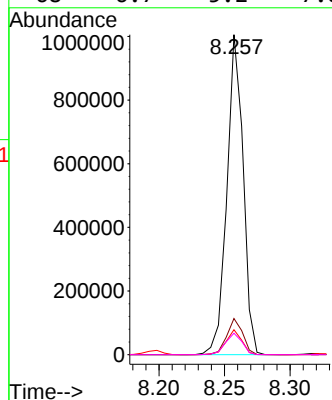
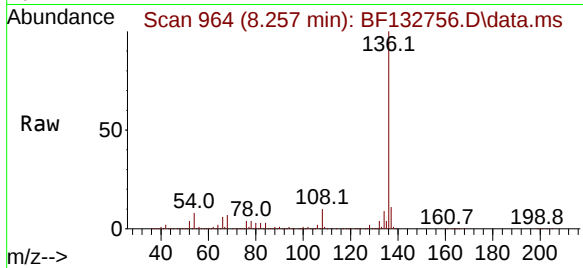




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.257 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132756.D
Acq: 13 Mar 2023 12:33

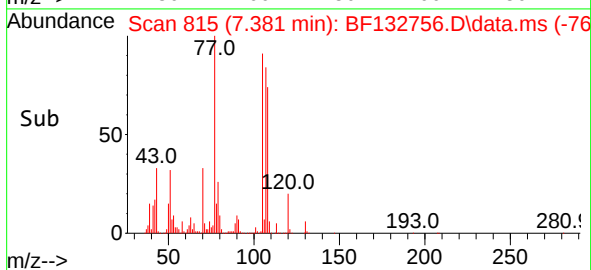
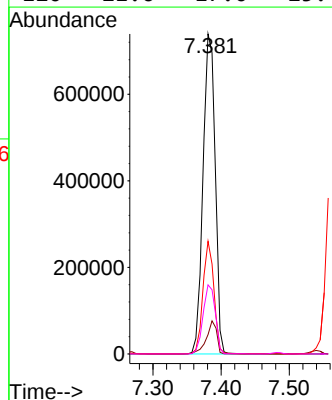
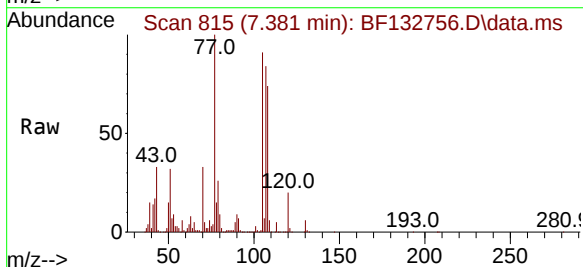
Instrument :
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ClientSampleId :
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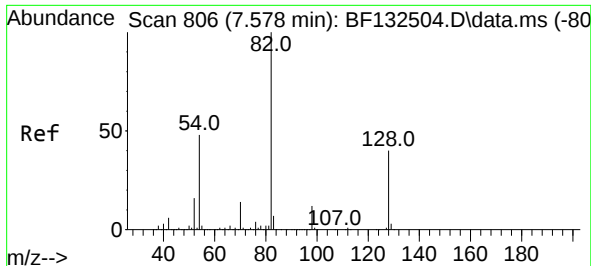
Tgt Ion:136 Resp: 865467
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 7.8 6.2 9.4
68 6.7 5.2 7.8



#22
Acetophenone
Concen: 42.036 ng
RT: 7.381 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF132756.D
Acq: 13 Mar 2023 12:33

Tgt Ion:105 Resp: 917352
Ion Ratio Lower Upper
105 100
71 6.0 5.0 7.4
51 35.2 31.5 47.3
120 21.6 17.0 25.4





#23

Nitrobenzene-d5

Concen: 64.886 ng

RT: 7.540 min Scan# 842

Delta R.T. -0.006 min

Lab File: BF132756.D

Acq: 13 Mar 2023 12:33

Instrument :

BNA_F

ClientSampleId :

PB151350BS

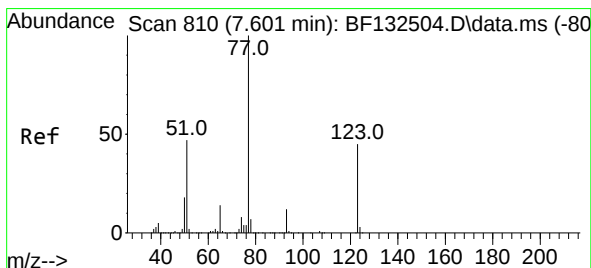
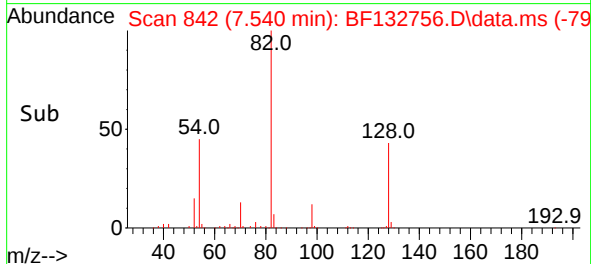
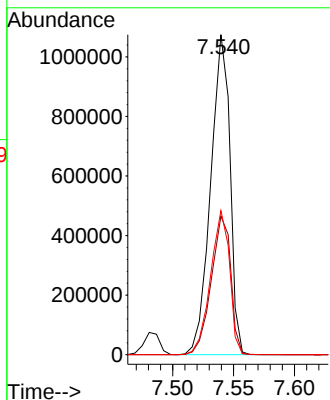
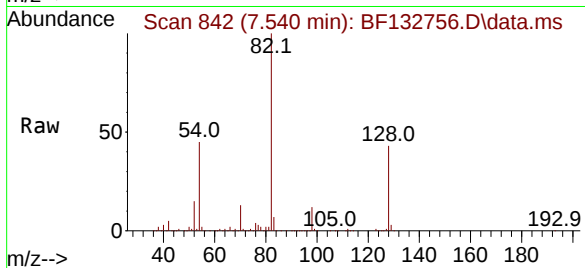
Tgt Ion: 82 Resp: 1183624

Ion Ratio Lower Upper

82 100

128 43.3 32.2 48.2

54 45.0 38.4 57.6



#24

Nitrobenzene

Concen: 42.879 ng

RT: 7.563 min Scan# 846

Delta R.T. 0.000 min

Lab File: BF132756.D

Acq: 13 Mar 2023 12:33

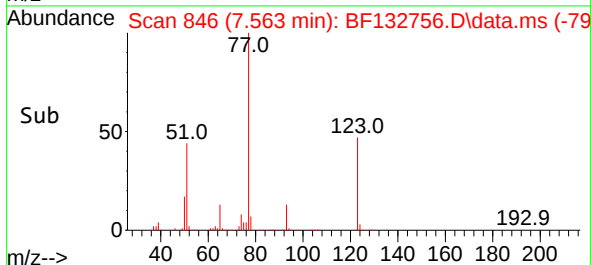
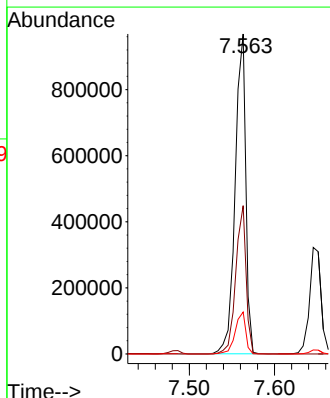
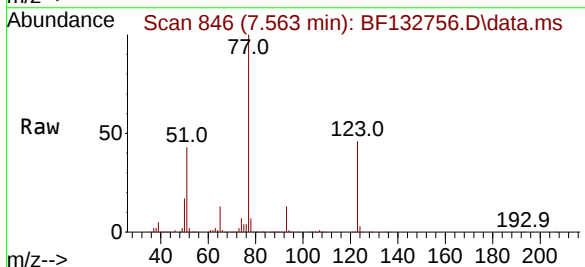
Tgt Ion: 77 Resp: 836542

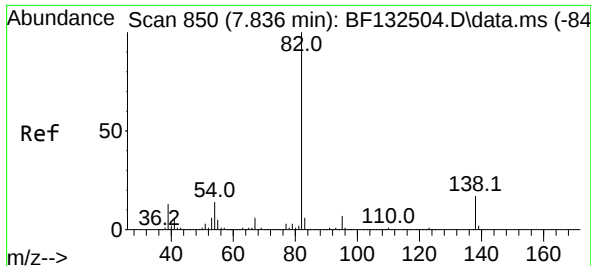
Ion Ratio Lower Upper

77 100

123 46.3 35.8 53.6

65 13.1 10.9 16.3

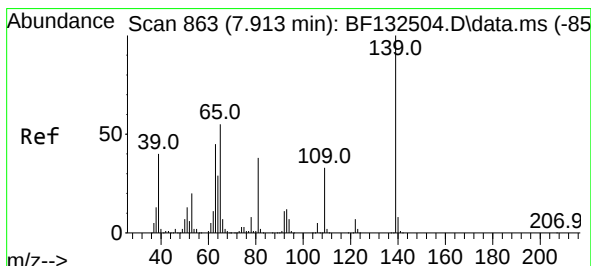
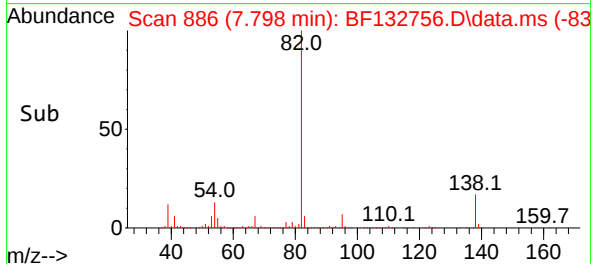
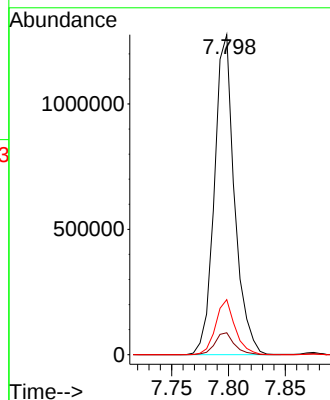
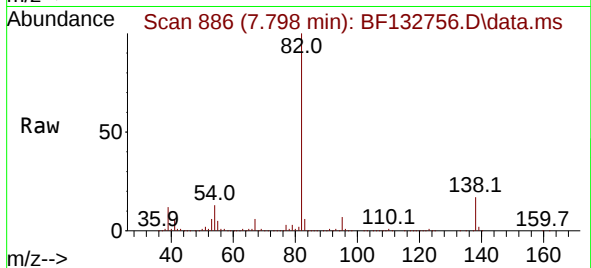




#25
Isophorone
Concen: 44.931 ng
RT: 7.798 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF132756.D
Acq: 13 Mar 2023 12:33

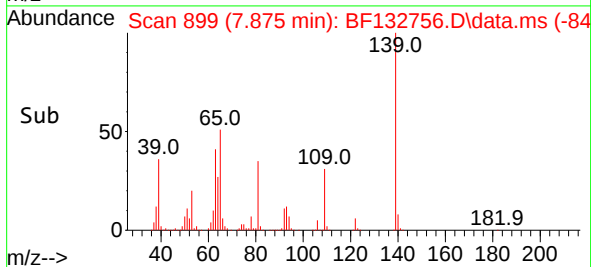
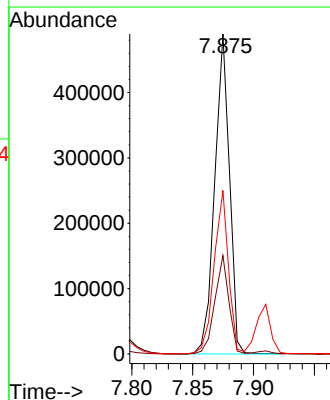
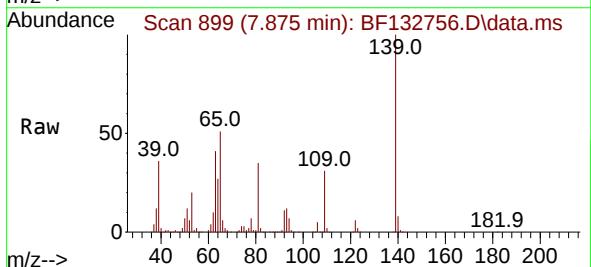
Instrument :
BNA_F
ClientSampleId :
PB151350BS

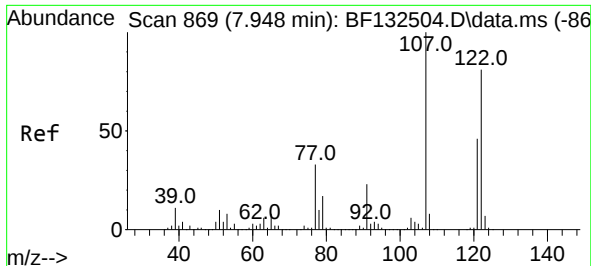
Tgt Ion: 82 Resp: 1571385
Ion Ratio Lower Upper
82 100
95 6.9 5.7 8.5
138 17.2 13.3 19.9



#26
2-Nitrophenol
Concen: 47.711 ng
RT: 7.875 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF132756.D
Acq: 13 Mar 2023 12:33

Tgt Ion: 139 Resp: 410691
Ion Ratio Lower Upper
139 100
109 30.8 26.2 39.2
65 51.1 43.8 65.8

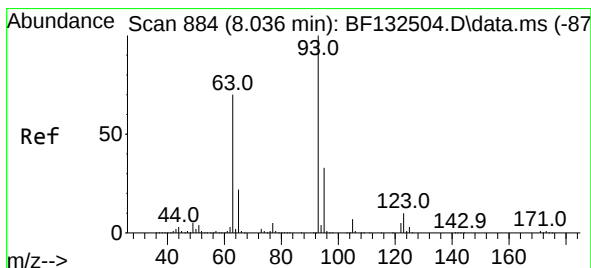
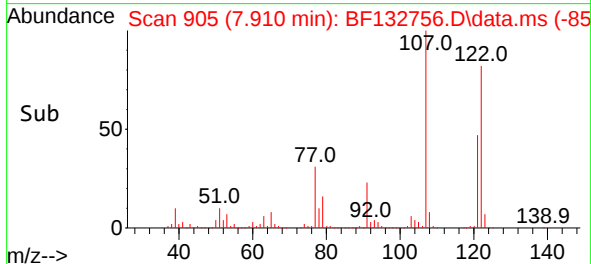
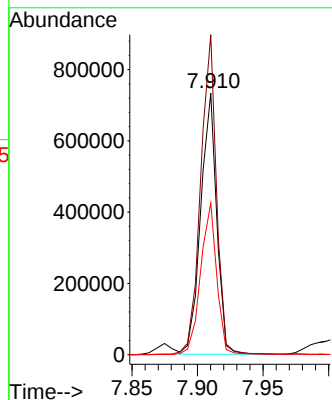
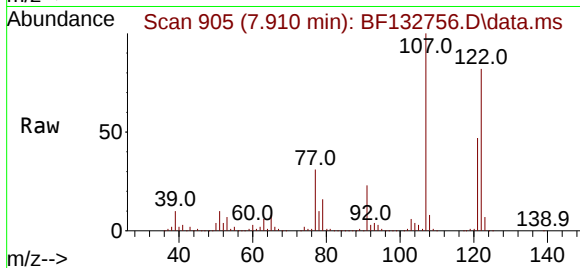




#27
2,4-Dimethylphenol
Concen: 45.825 ng
RT: 7.910 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF132756.D
Acq: 13 Mar 2023 12:33

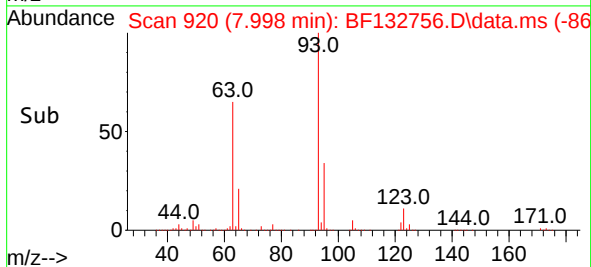
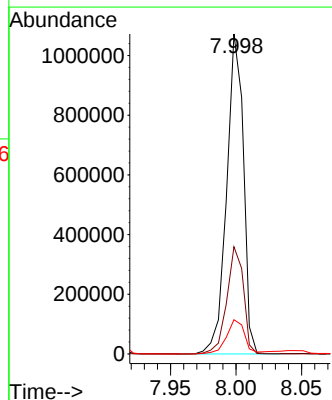
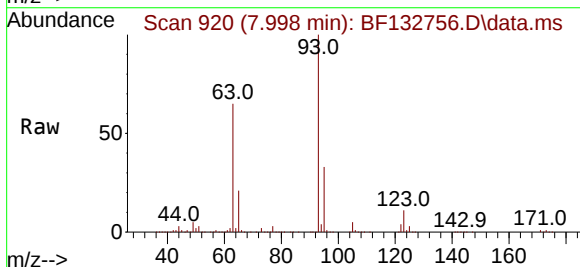
Instrument :
BNA_F
ClientSampleId :
PB151350BS

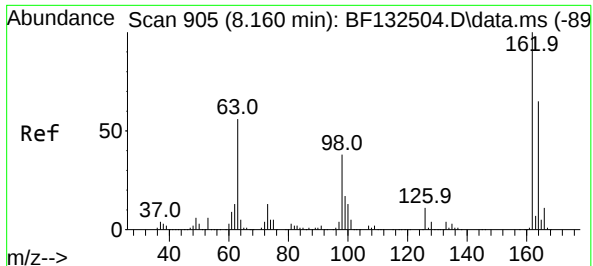
Tgt Ion:122 Resp: 622557
Ion Ratio Lower Upper
122 100
107 122.4 98.7 148.1
121 58.0 45.8 68.6



#28
bis(2-Chloroethoxy)methane
Concen: 46.534 ng
RT: 7.998 min Scan# 920
Delta R.T. 0.000 min
Lab File: BF132756.D
Acq: 13 Mar 2023 12:33

Tgt Ion: 93 Resp: 952043
Ion Ratio Lower Upper
93 100
95 33.5 26.3 39.5
123 10.7 8.3 12.5

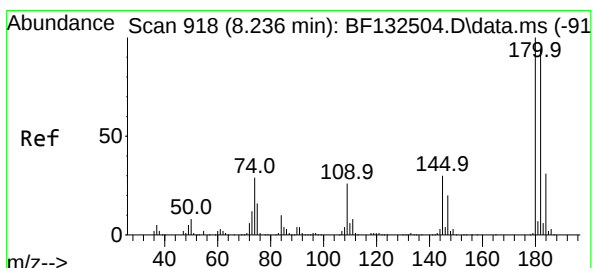
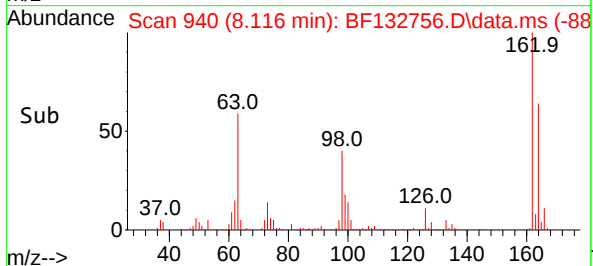
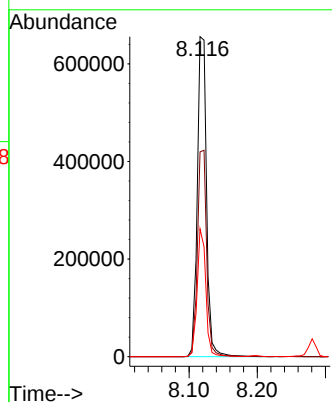
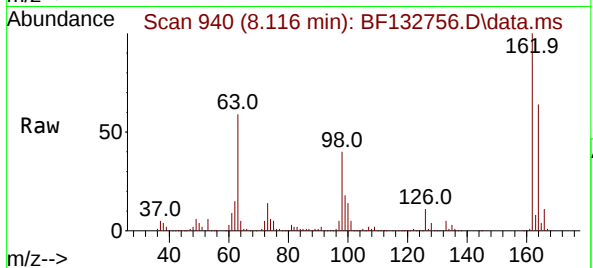




#29
2,4-Dichlorophenol
Concen: 45.803 ng
RT: 8.116 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF132756.D
Acq: 13 Mar 2023 12:33

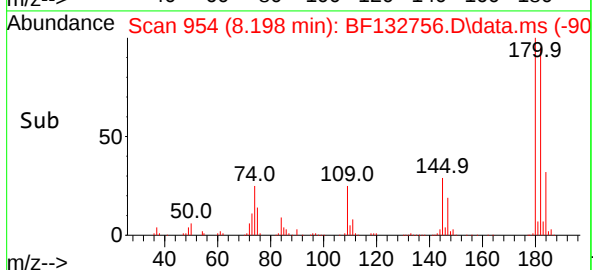
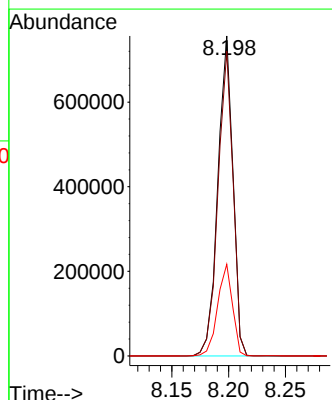
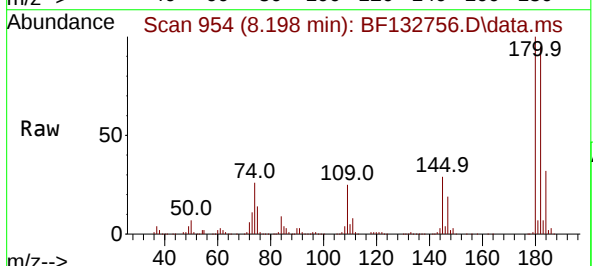
Instrument :
BNA_F
ClientSampleId :
PB151350BS

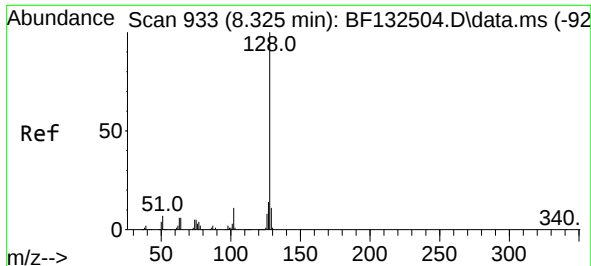
Tgt Ion:162 Resp: 618994
Ion Ratio Lower Upper
162 100
164 64.0 45.3 85.3
98 40.0 17.9 57.9



#30
1,2,4-Trichlorobenzene
Concen: 47.569 ng
RT: 8.198 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF132756.D
Acq: 13 Mar 2023 12:33

Tgt Ion:180 Resp: 698051
Ion Ratio Lower Upper
180 100
182 95.2 75.1 112.7
145 28.7 23.8 35.6

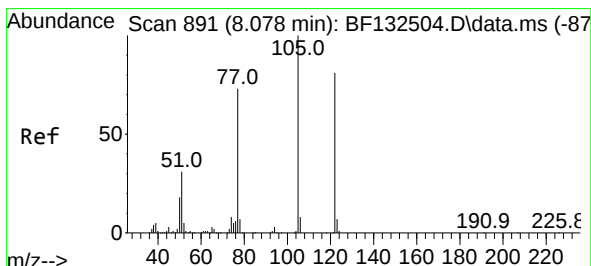
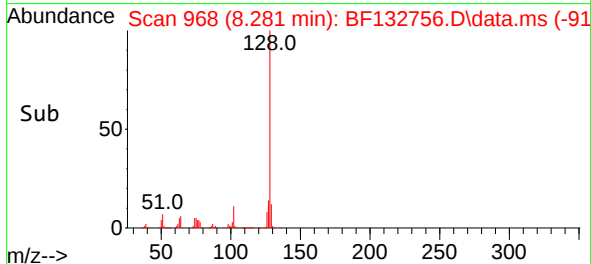
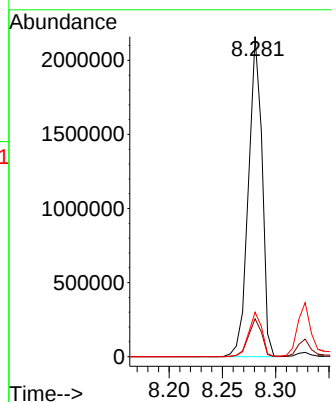
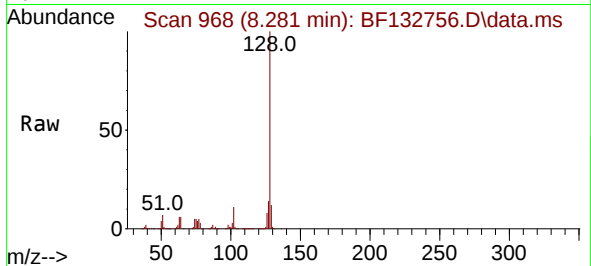




#31
Naphthalene
Concen: 43.527 ng
RT: 8.281 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF132756.D
Acq: 13 Mar 2023 12:33

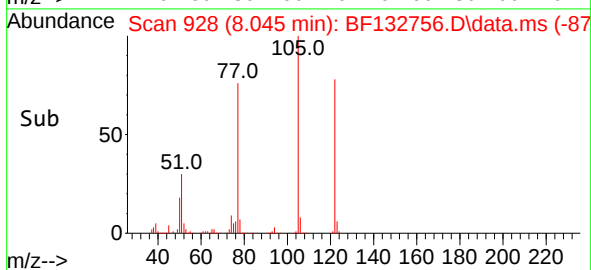
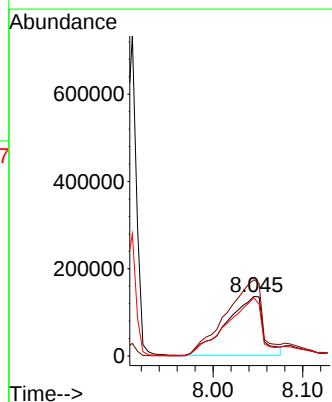
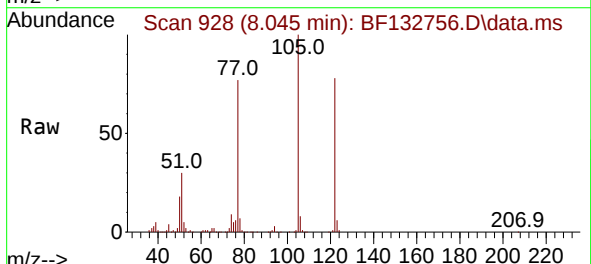
Instrument :
BNA_F
ClientSampleId :
PB151350BS

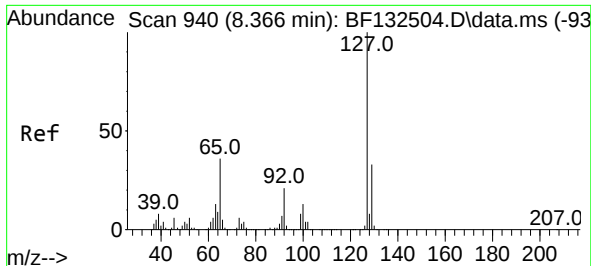
Tgt Ion:128 Resp: 1928502
Ion Ratio Lower Upper
128 100
129 11.9 9.1 13.7
127 13.9 11.0 16.6



#32
Benzoic acid
Concen: 37.103 ng
RT: 8.045 min Scan# 928
Delta R.T. 0.006 min
Lab File: BF132756.D
Acq: 13 Mar 2023 12:33

Tgt Ion:122 Resp: 387078
Ion Ratio Lower Upper
122 100
105 128.1 102.6 142.6
77 98.0 70.2 110.2

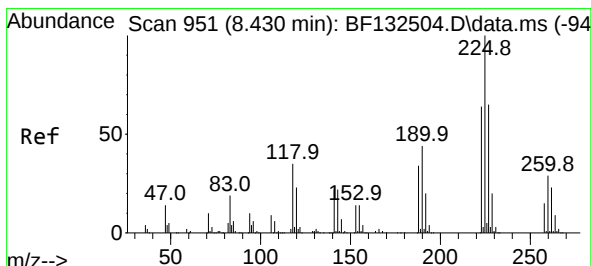
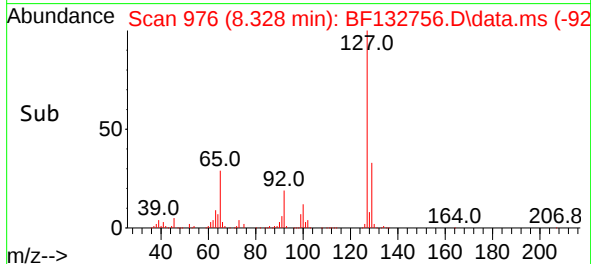
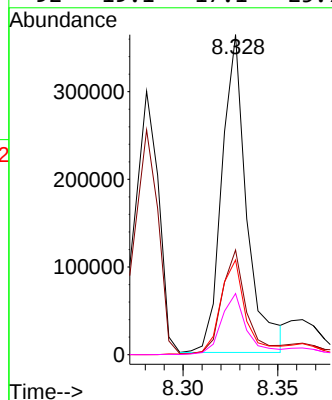
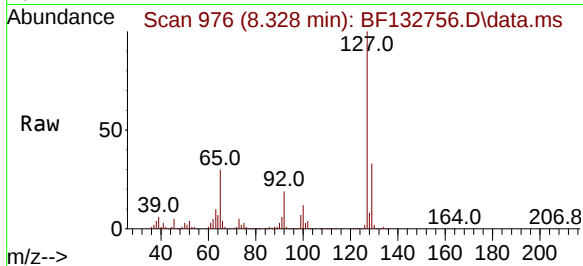




#33
4-Chloroaniline
Concen: 17.542 ng
RT: 8.328 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132756.D
Acq: 13 Mar 2023 12:33

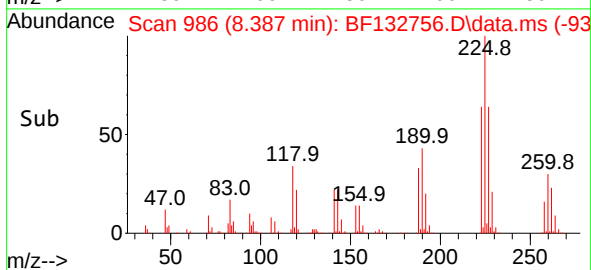
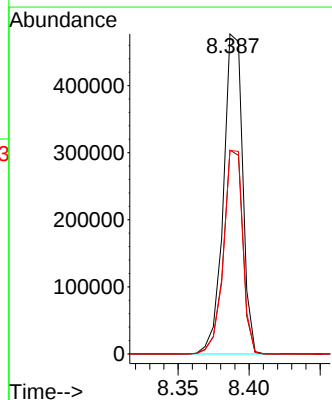
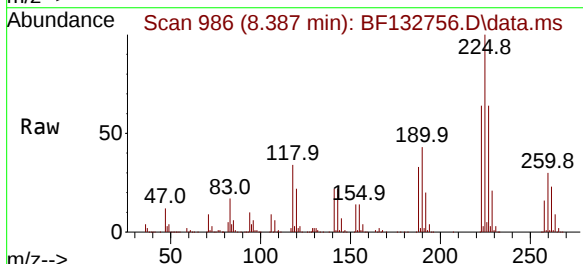
Instrument :
BNA_F
ClientSampleId :
PB151350BS

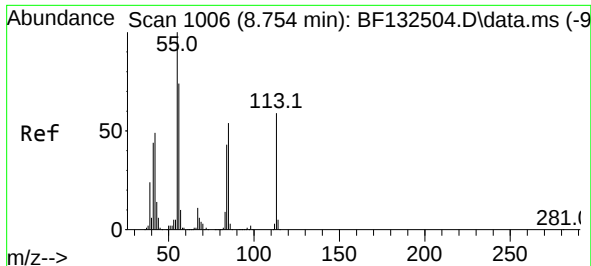
Tgt Ion:	127	Resp:	333059
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.4	39.6
65	29.6	28.8	43.2
92	19.1	17.1	25.7



#34
Hexachlorobutadiene
Concen: 47.902 ng
RT: 8.387 min Scan# 986
Delta R.T. -0.006 min
Lab File: BF132756.D
Acq: 13 Mar 2023 12:33

Tgt Ion:	225	Resp:	446686
Ion	Ratio	Lower	Upper
225	100		
223	63.7	51.0	76.4
227	63.6	51.7	77.5

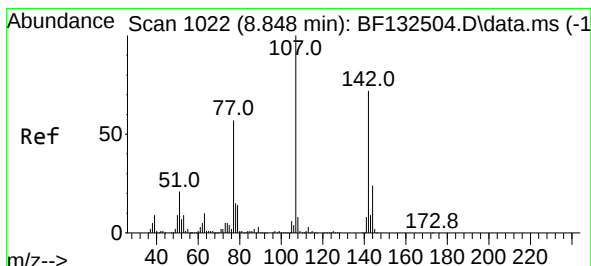
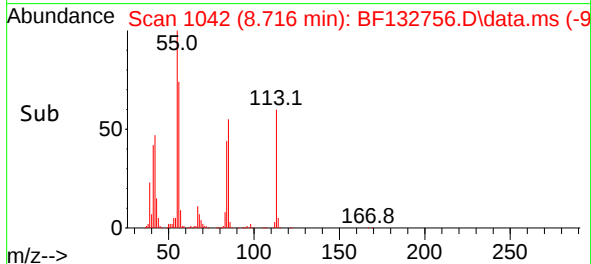
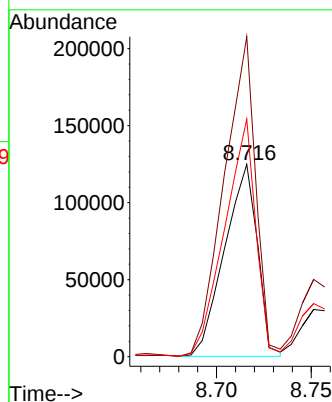
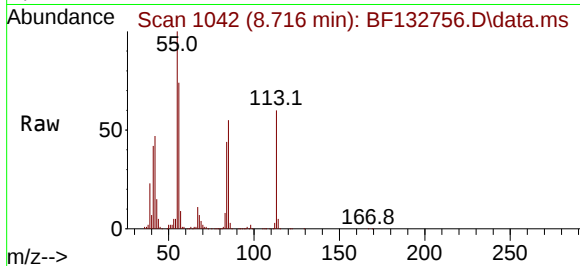




#35
 Caprolactam
 Concen: 33.606 ng
 RT: 8.716 min Scan# 1042
 Delta R.T. 0.000 min
 Lab File: BF132756.D
 Acq: 13 Mar 2023 12:33

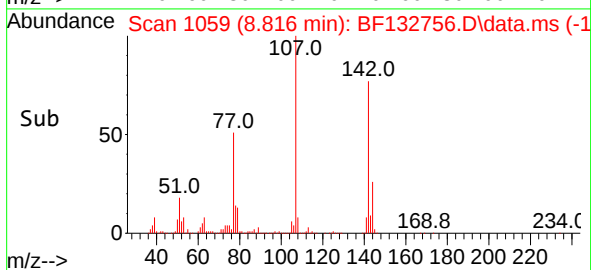
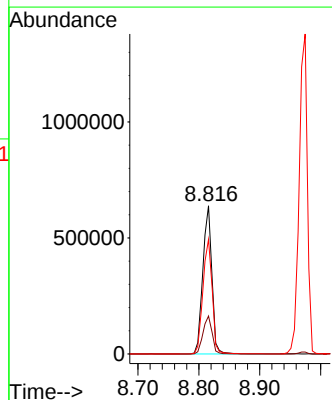
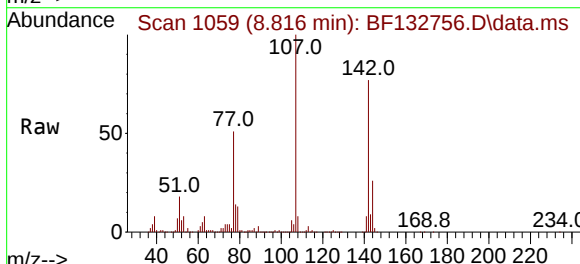
Instrument :
 BNA_F
 ClientSampleId :
 PB151350BS

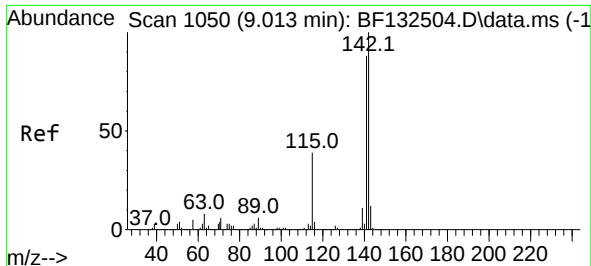
Tgt Ion:113 Resp: 149725
 Ion Ratio Lower Upper
 113 100
 55 166.4 149.4 189.4
 56 123.6 105.0 145.0



#36
 4-Chloro-3-methylphenol
 Concen: 44.737 ng
 RT: 8.816 min Scan# 1059
 Delta R.T. 0.006 min
 Lab File: BF132756.D
 Acq: 13 Mar 2023 12:33

Tgt Ion:107 Resp: 663973
 Ion Ratio Lower Upper
 107 100
 144 25.6 18.9 28.3
 142 77.4 57.9 86.9

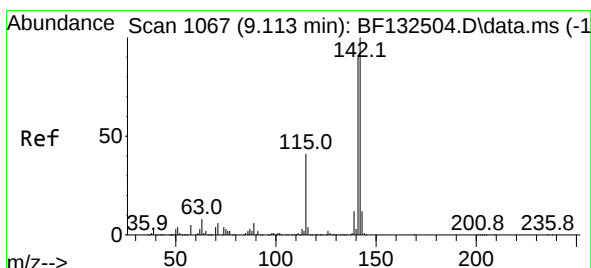
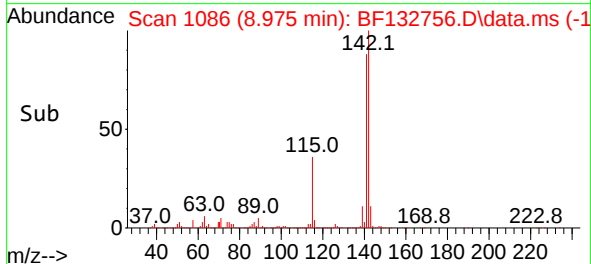
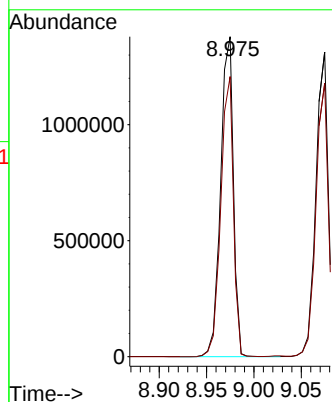
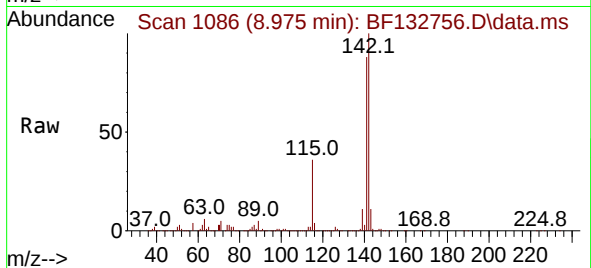




#37
2-Methylnaphthalene
Concen: 42.834 ng
RT: 8.975 min Scan# 1103
Delta R.T. 0.000 min
Lab File: BF132756.D
Acq: 13 Mar 2023 12:33

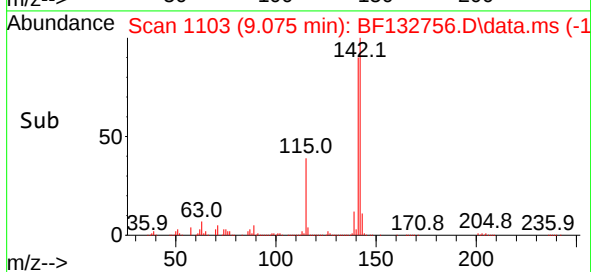
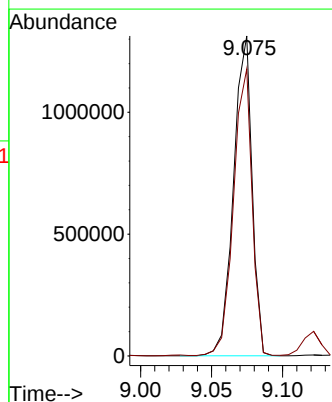
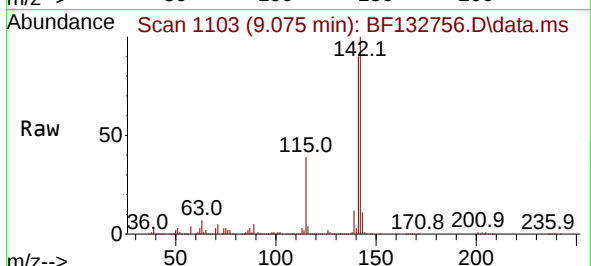
Instrument :
BNA_F
ClientSampleId :
PB151350BS

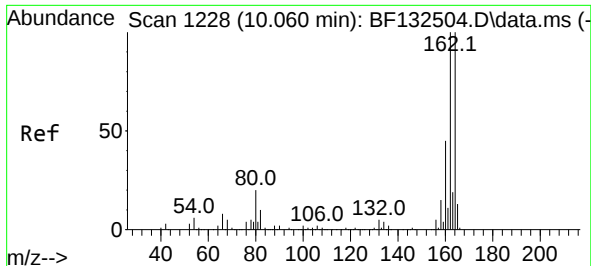
Tgt Ion:142 Resp: 1293346
Ion Ratio Lower Upper
142 100
141 87.6 70.2 105.2



#38
1-Methylnaphthalene
Concen: 42.304 ng
RT: 9.075 min Scan# 1103
Delta R.T. 0.000 min
Lab File: BF132756.D
Acq: 13 Mar 2023 12:33

Tgt Ion:142 Resp: 1193723
Ion Ratio Lower Upper
142 100
141 89.7 73.0 109.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.022 min Scan# 1114

Delta R.T. 0.000 min

Lab File: BF132756.D

Acq: 13 Mar 2023 12:33

Instrument :

BNA_F

ClientSampleId :

PB151350BS

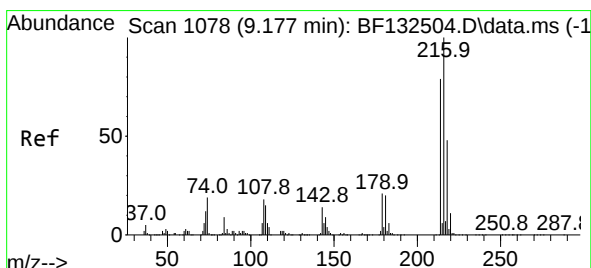
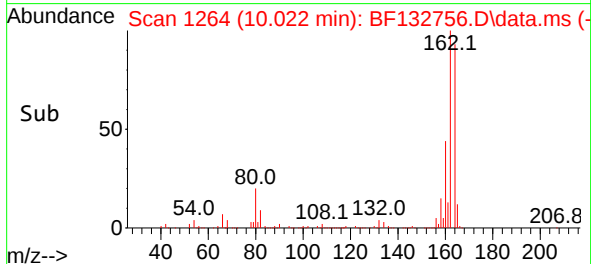
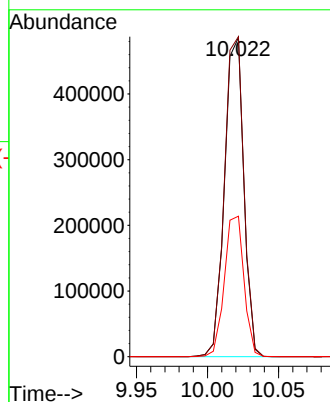
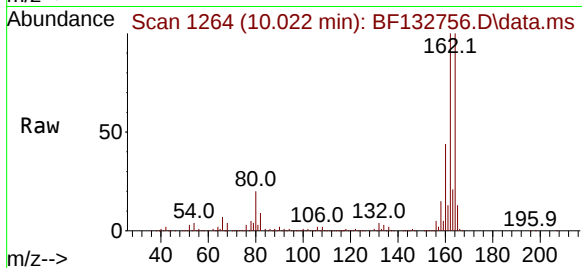
Tgt Ion:164 Resp: 456993

Ion Ratio Lower Upper

164 100

162 100.3 79.8 119.8

160 44.0 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.407 ng

RT: 9.139 min Scan# 1114

Delta R.T. 0.000 min

Lab File: BF132756.D

Acq: 13 Mar 2023 12:33

Tgt Ion:216 Resp: 693862

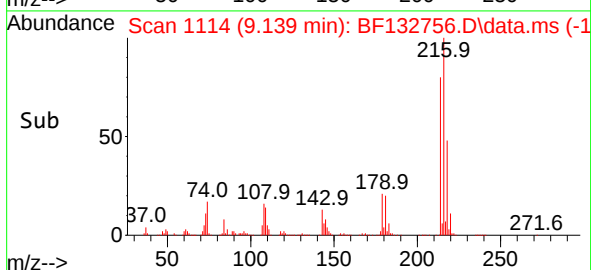
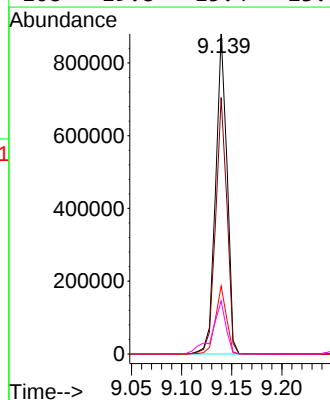
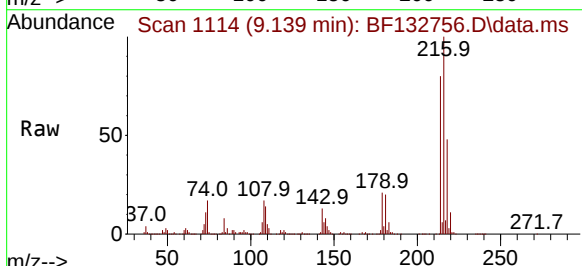
Ion Ratio Lower Upper

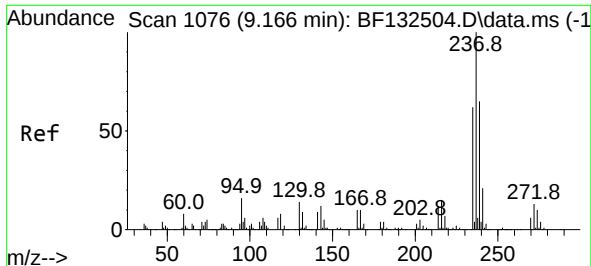
216 100

214 79.8 63.0 94.6

179 20.5 16.6 24.8

108 19.8 15.4 23.0

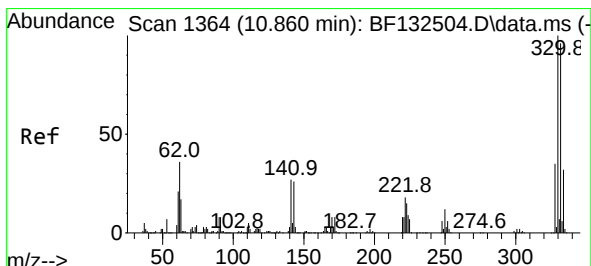
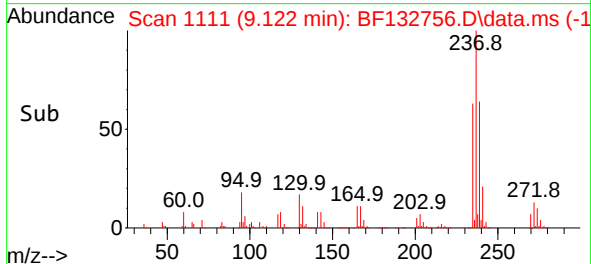
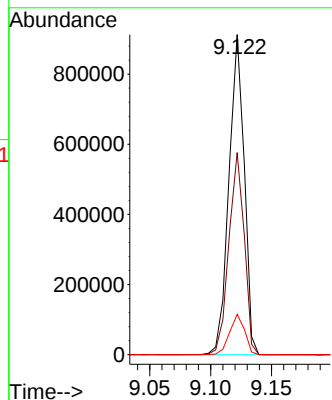
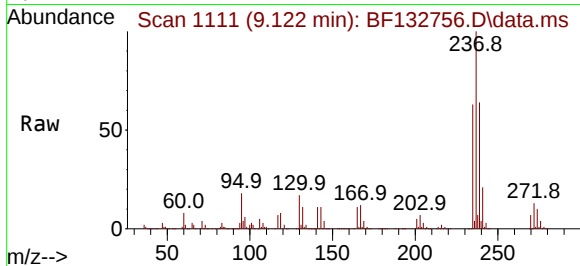




#41
Hexachlorocyclopentadiene
Concen: 98.545 ng
RT: 9.122 min Scan# 1111
Delta R.T. 0.000 min
Lab File: BF132756.D
Acq: 13 Mar 2023 12:33

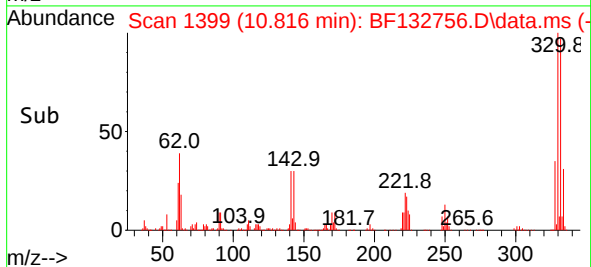
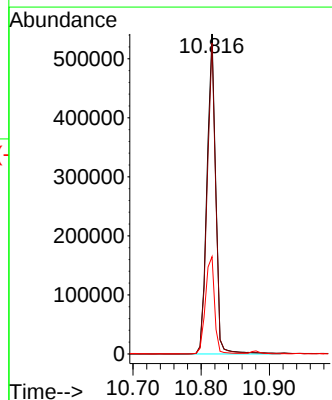
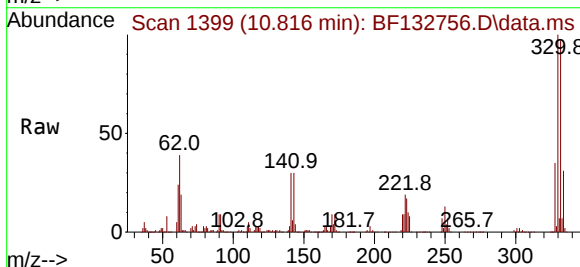
Instrument :
BNA_F
ClientSampleId :
PB151350BS

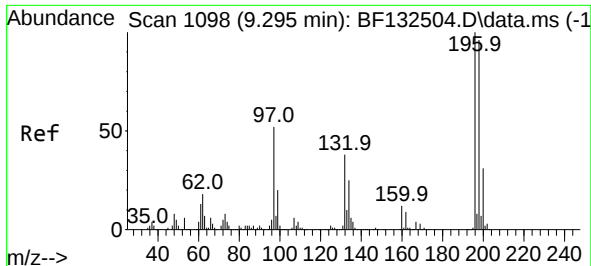
Tgt Ion:237 Resp: 799169
Ion Ratio Lower Upper
237 100
235 63.2 42.4 82.4
272 12.6 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 97.995 ng
RT: 10.816 min Scan# 1399
Delta R.T. 0.000 min
Lab File: BF132756.D
Acq: 13 Mar 2023 12:33

Tgt Ion:330 Resp: 483636
Ion Ratio Lower Upper
330 100
332 95.6 76.2 114.4
141 32.1 28.4 42.6

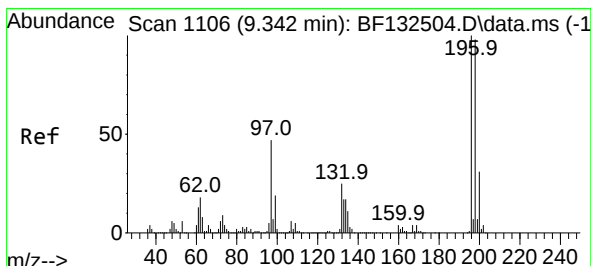
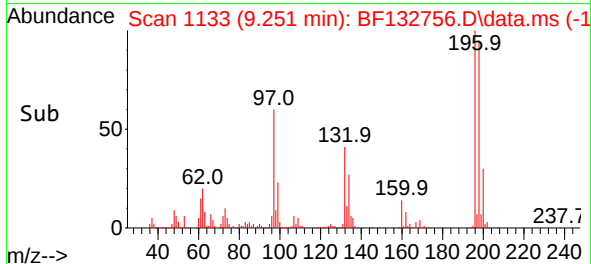
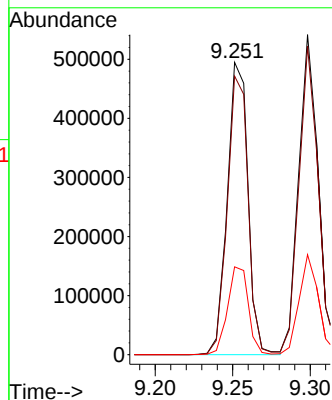
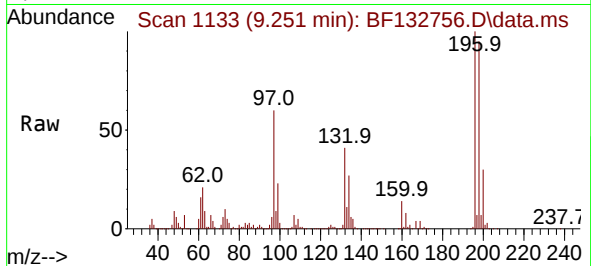




#43
2,4,6-Trichlorophenol
Concen: 45.497 ng
RT: 9.251 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF132756.D
Acq: 13 Mar 2023 12:33

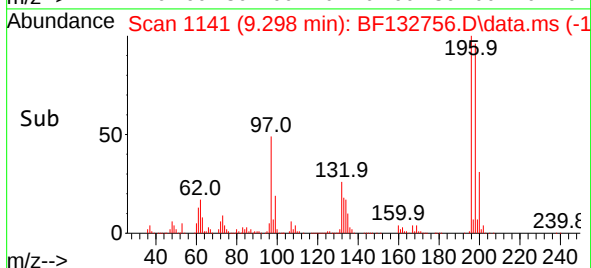
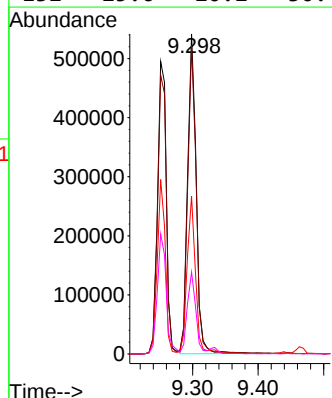
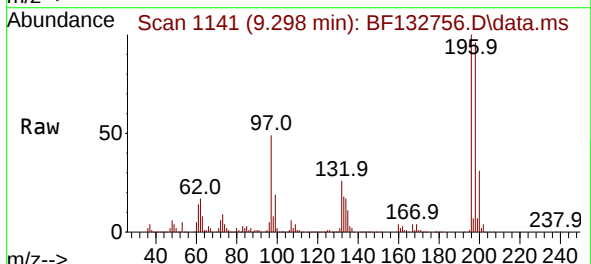
Instrument :
BNA_F
ClientSampleId :
PB151350BS

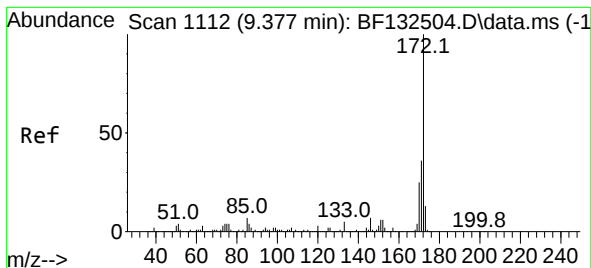
Tgt Ion:196 Resp: 461007
Ion Ratio Lower Upper
196 100
198 95.3 77.1 115.7
200 30.1 25.0 37.4



#44
2,4,5-Trichlorophenol
Concen: 41.480 ng
RT: 9.298 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BF132756.D
Acq: 13 Mar 2023 12:33

Tgt Ion:196 Resp: 490554
Ion Ratio Lower Upper
196 100
198 96.4 78.3 117.5
97 49.4 38.1 57.1
132 25.6 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 64.026 ng

RT: 9.334 min Scan# 1112

Delta R.T. 0.000 min

Lab File: BF132756.D

Acq: 13 Mar 2023 12:33

Instrument :

BNA_F

ClientSampleId :

PB151350BS

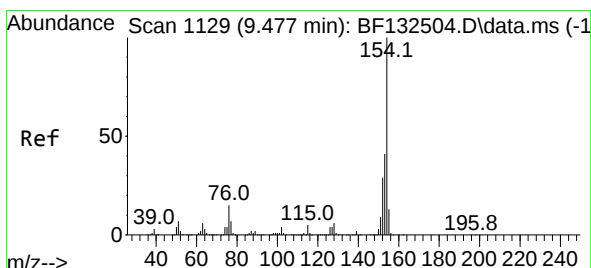
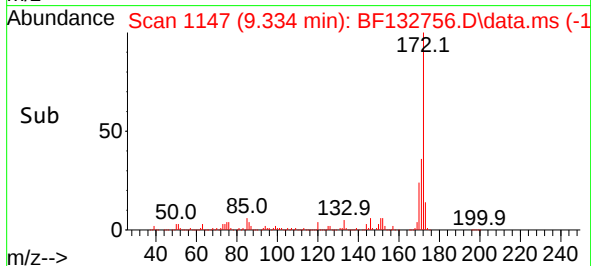
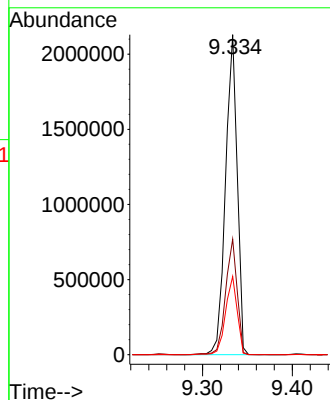
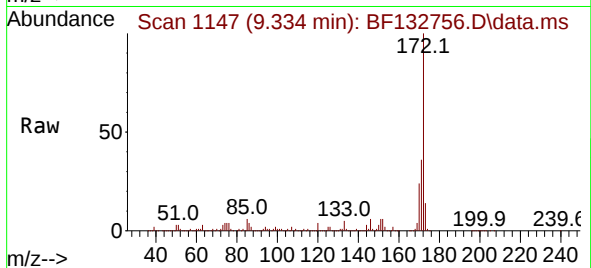
Tgt Ion:172 Resp: 1921602

Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 24.5 19.7 29.5



#46

1,1'-Biphenyl

Concen: 44.671 ng

RT: 9.439 min Scan# 1165

Delta R.T. 0.000 min

Lab File: BF132756.D

Acq: 13 Mar 2023 12:33

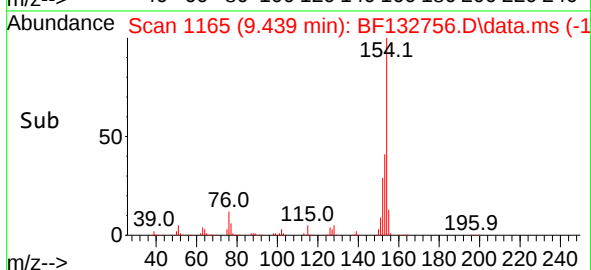
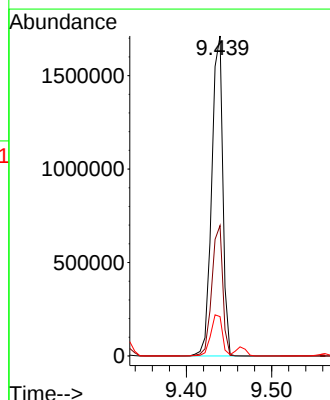
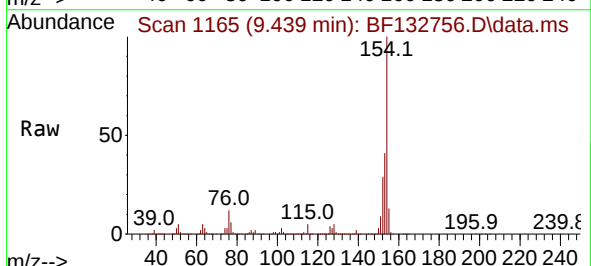
Tgt Ion:154 Resp: 1545141

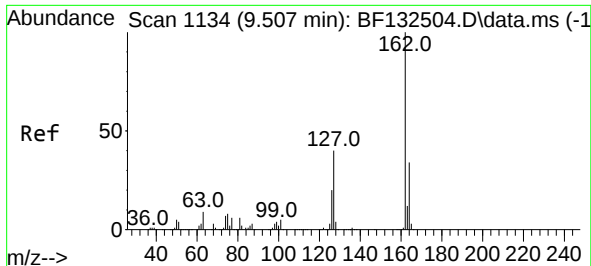
Ion Ratio Lower Upper

154 100

153 40.8 20.9 60.9

76 12.3 0.0 34.7





#47

2-Chloronaphthalene

Concen: 45.217 ng

RT: 9.463 min Scan# 1119

Delta R.T. -0.006 min

Lab File: BF132756.D

Acq: 13 Mar 2023 12:33

Instrument :

BNA_F

ClientSampleId :

PB151350BS

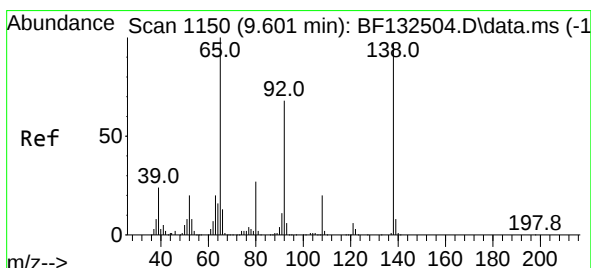
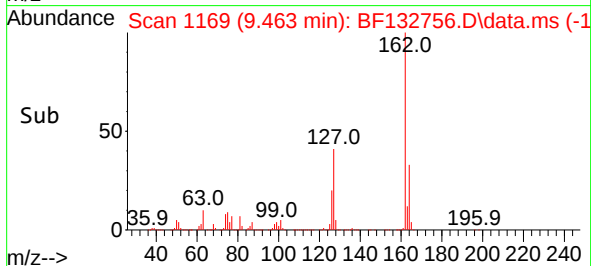
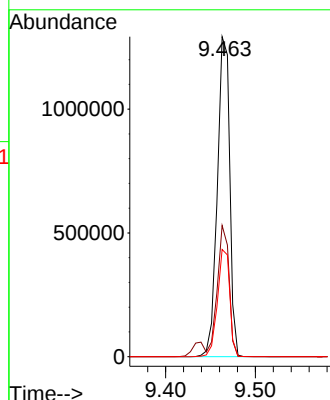
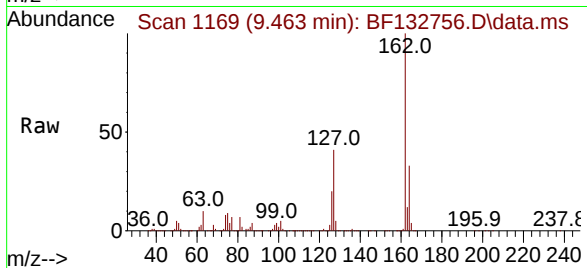
Tgt Ion:162 Resp: 1240025

Ion Ratio Lower Upper

162 100

127 41.0 32.3 48.5

164 33.5 26.9 40.3



#48

2-Nitroaniline

Concen: 39.412 ng

RT: 9.563 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF132756.D

Acq: 13 Mar 2023 12:33

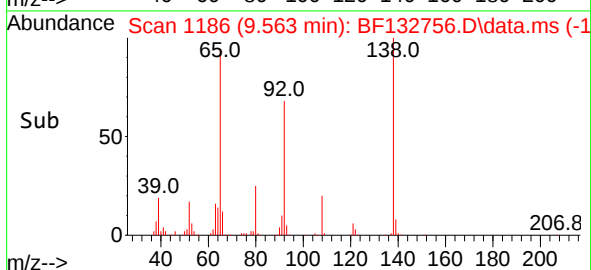
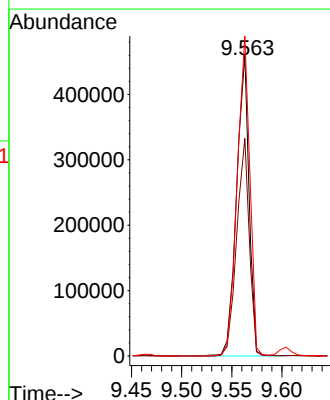
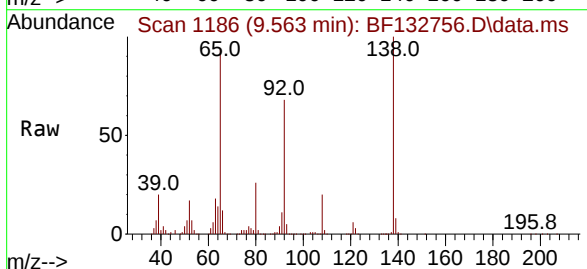
Tgt Ion: 65 Resp: 398068

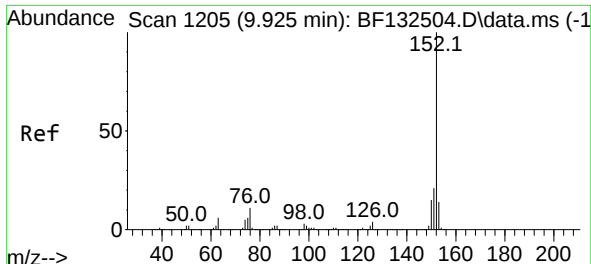
Ion Ratio Lower Upper

65 100

92 72.2 54.5 81.7

138 106.1 77.2 115.8





#49

Acenaphthylene

Concen: 42.718 ng

RT: 9.881 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF132756.D

Acq: 13 Mar 2023 12:33

Instrument :

BNA_F

ClientSampleId :

PB151350BS

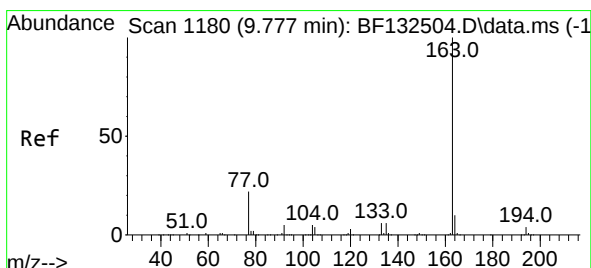
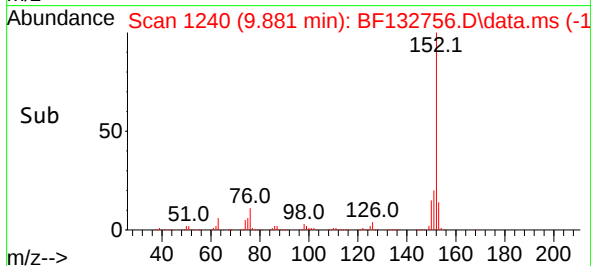
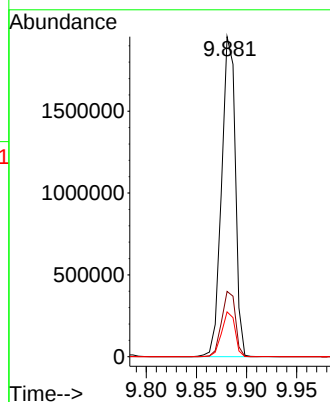
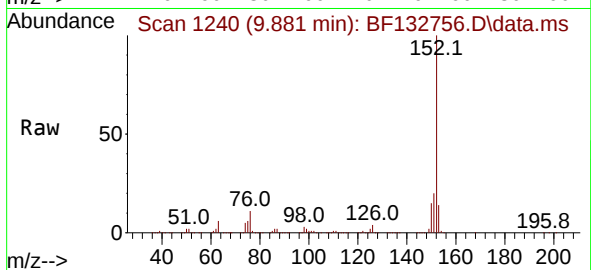
Tgt Ion:152 Resp: 1864442

Ion Ratio Lower Upper

152 100

151 20.4 16.4 24.6

153 14.0 11.0 16.6



#50

Dimethylphthalate

Concen: 44.413 ng

RT: 9.733 min Scan# 1215

Delta R.T. 0.000 min

Lab File: BF132756.D

Acq: 13 Mar 2023 12:33

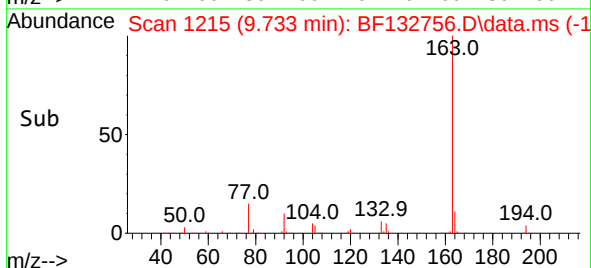
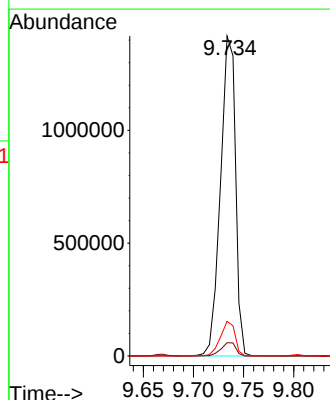
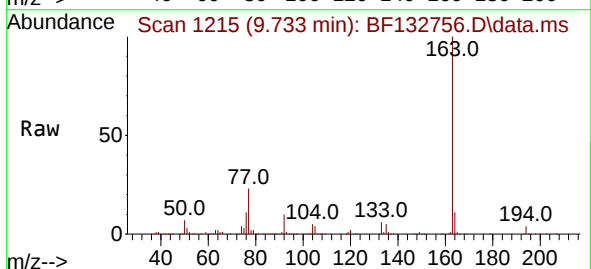
Tgt Ion:163 Resp: 1477832

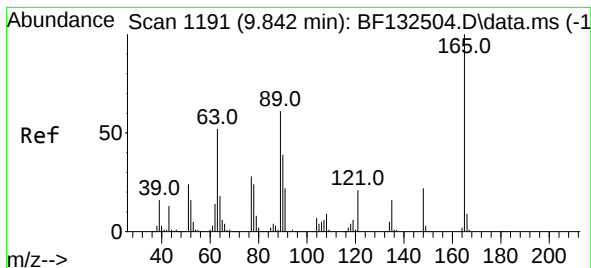
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.8 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 43.763 ng

RT: 9.804 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF132756.D

Acq: 13 Mar 2023 12:33

Instrument :

BNA_F

ClientSampleId :

PB151350BS

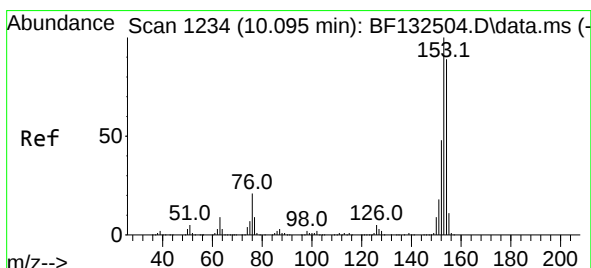
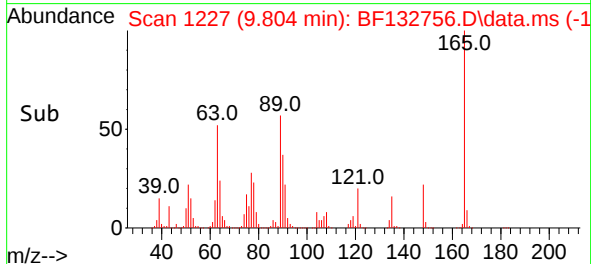
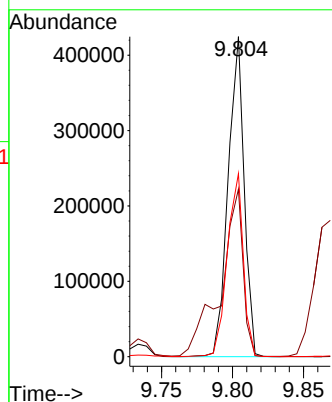
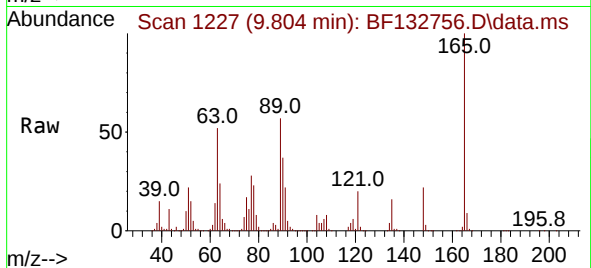
Tgt Ion:165 Resp: 331634

Ion Ratio Lower Upper

165 100

63 52.4 47.3 70.9

89 57.2 48.9 73.3



#52

Acenaphthene

Concen: 39.802 ng

RT: 10.057 min Scan# 1270

Delta R.T. 0.000 min

Lab File: BF132756.D

Acq: 13 Mar 2023 12:33

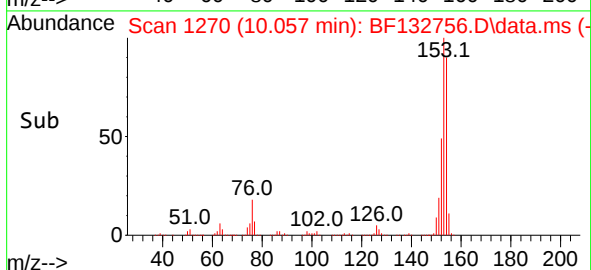
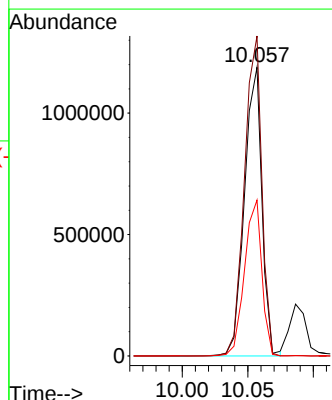
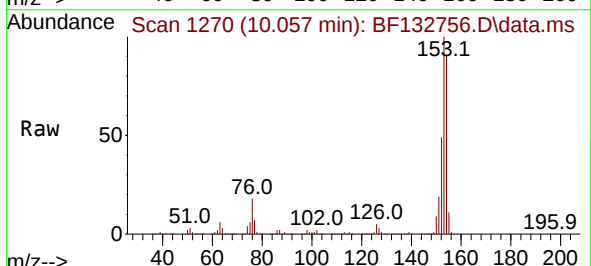
Tgt Ion:154 Resp: 1103096

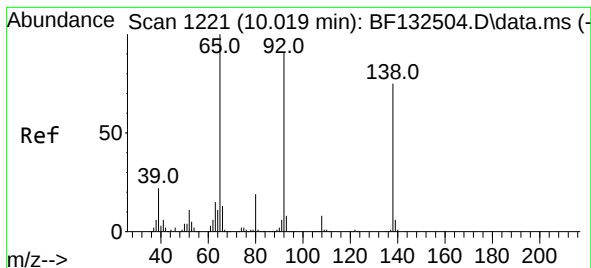
Ion Ratio Lower Upper

154 100

153 110.9 89.8 134.8

152 54.0 43.3 64.9

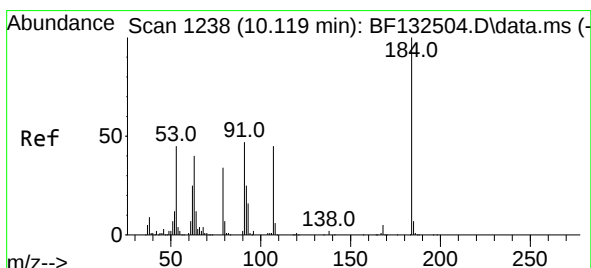
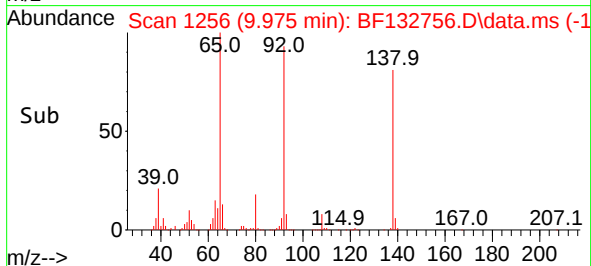
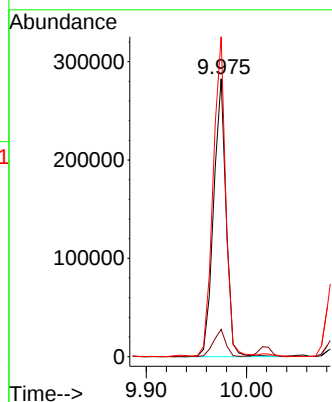
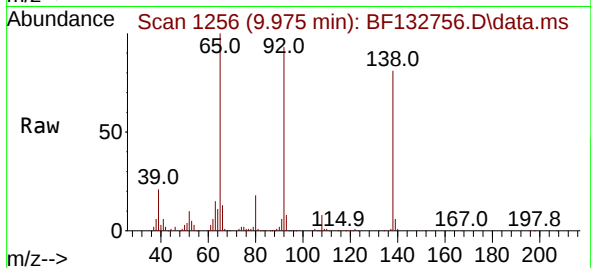




#53
3-Nitroaniline
Concen: 28.741 ng
RT: 9.975 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132756.D
Acq: 13 Mar 2023 12:33

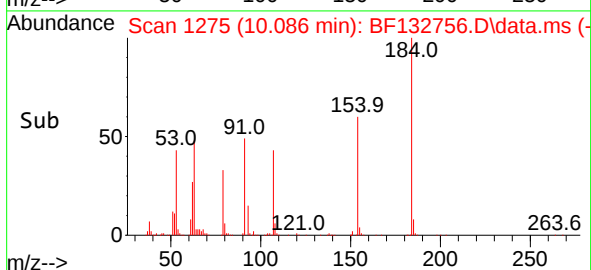
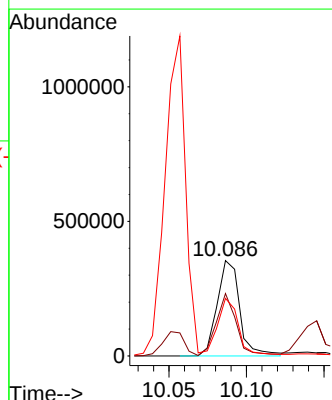
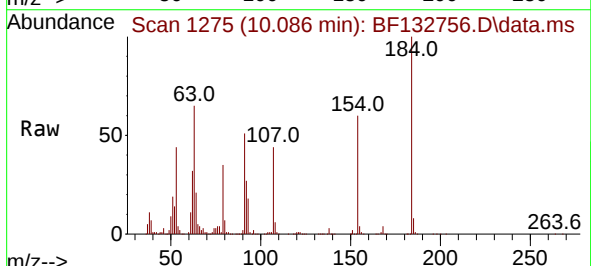
Instrument :
BNA_F
ClientSampleId :
PB151350BS

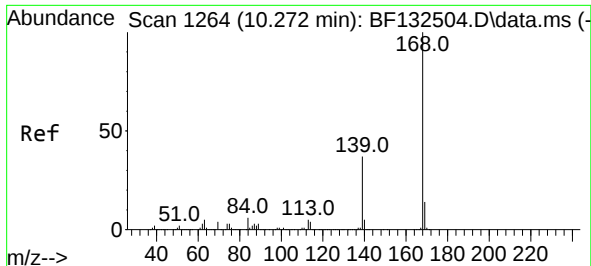
Tgt Ion:138 Resp: 243633
Ion Ratio Lower Upper
138 100
108 9.8 8.1 12.1
92 115.1 97.2 145.8



#54
2,4-Dinitrophenol
Concen: 75.336 ng
RT: 10.086 min Scan# 1275
Delta R.T. 0.000 min
Lab File: BF132756.D
Acq: 13 Mar 2023 12:33

Tgt Ion:184 Resp: 359231
Ion Ratio Lower Upper
184 100
63 65.5 51.4 77.2
154 60.4 48.3 72.5

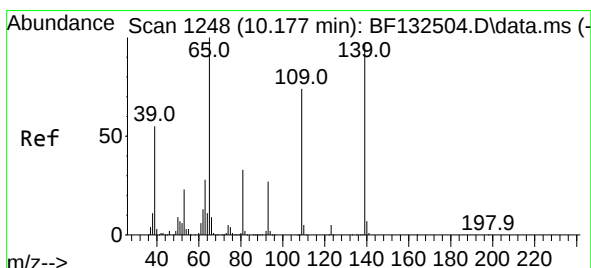
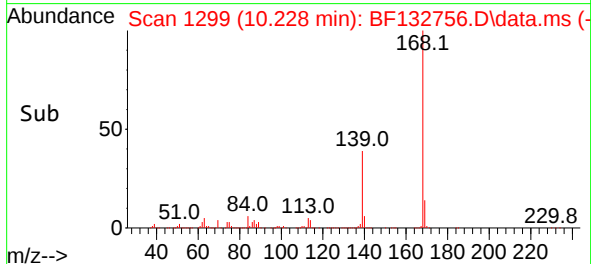
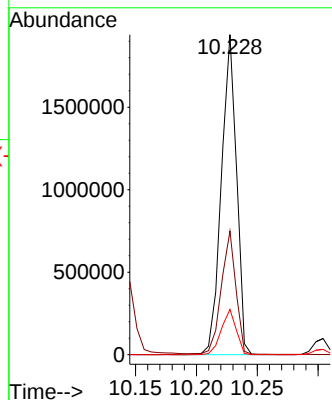
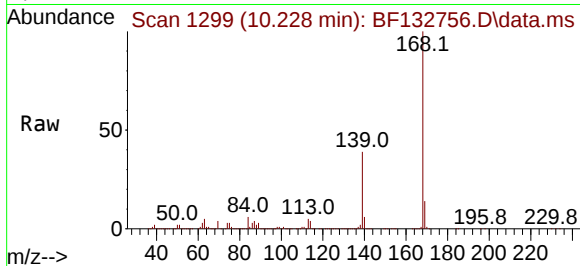




#55
Dibenzenofuran
Concen: 41.631 ng
RT: 10.228 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132756.D
Acq: 13 Mar 2023 12:33

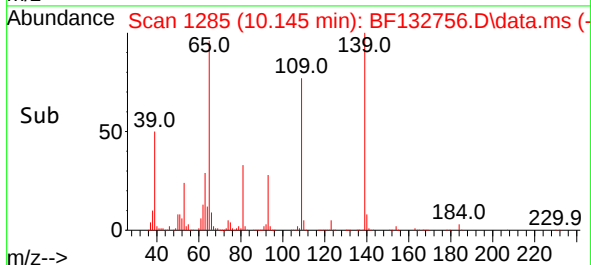
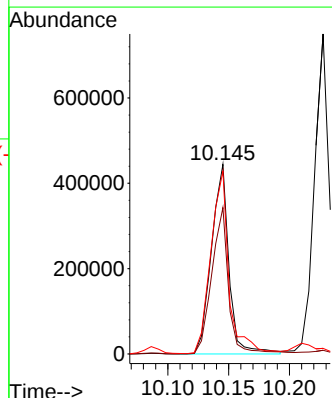
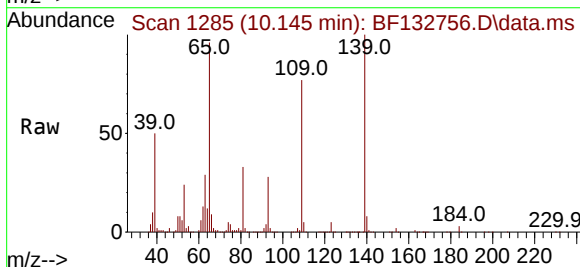
Instrument :
BNA_F
ClientSampleId :
PB151350BS

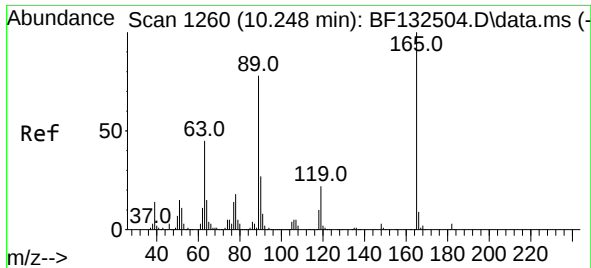
Tgt Ion:168 Resp: 1682043
Ion Ratio Lower Upper
168 100
139 38.7 29.8 44.6
169 14.1 10.9 16.3



#56
4-Nitrophenol
Concen: 70.458 ng
RT: 10.145 min Scan# 1285
Delta R.T. 0.006 min
Lab File: BF132756.D
Acq: 13 Mar 2023 12:33

Tgt Ion:139 Resp: 445424
Ion Ratio Lower Upper
139 100
109 77.2 56.7 96.7
65 96.5 83.5 123.5

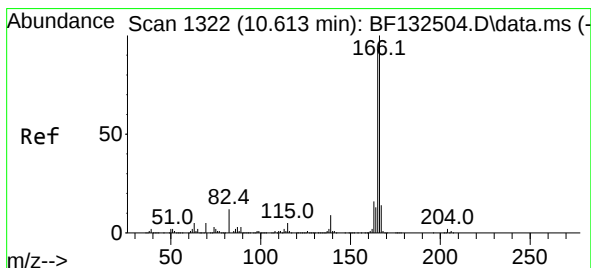
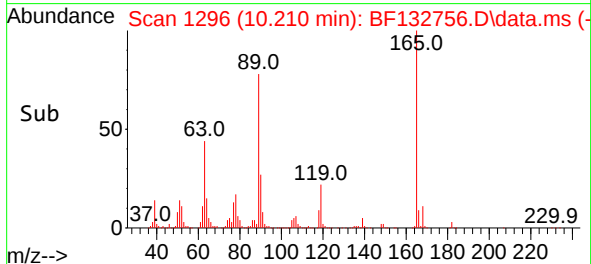
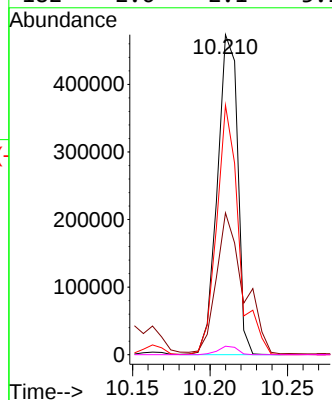
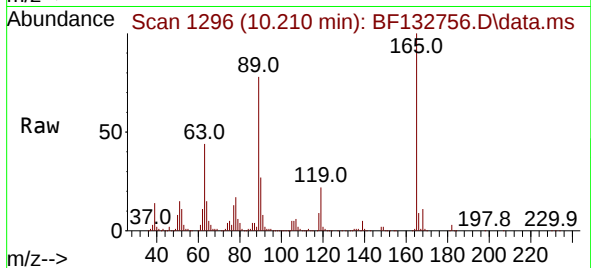




#57
2,4-Dinitrotoluene
Concen: 42.782 ng
RT: 10.210 min Scan# 1358
Delta R.T. 0.000 min
Lab File: BF132756.D
Acq: 13 Mar 2023 12:33

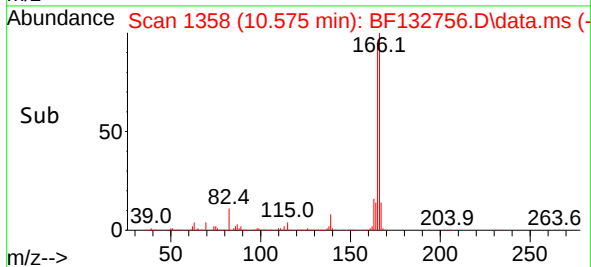
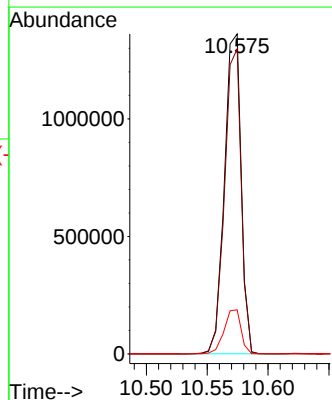
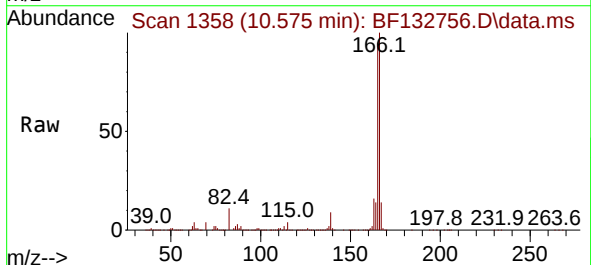
Instrument :
BNA_F
ClientSampleId :
PB151350BS

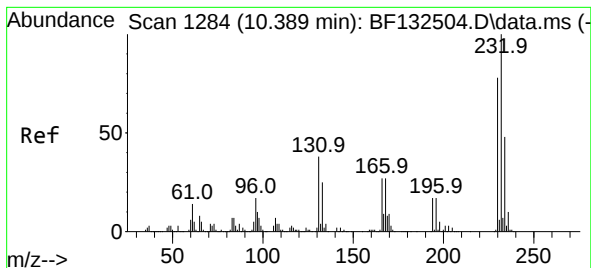
Tgt Ion:165 Resp: 431312
Ion Ratio Lower Upper
165 100
63 44.3 36.5 54.7
89 78.0 62.4 93.6
182 2.6 2.1 3.1



#58
Fluorene
Concen: 42.257 ng
RT: 10.575 min Scan# 1358
Delta R.T. 0.006 min
Lab File: BF132756.D
Acq: 13 Mar 2023 12:33

Tgt Ion:166 Resp: 1305940
Ion Ratio Lower Upper
166 100
165 95.3 74.2 111.4
167 13.8 11.1 16.7

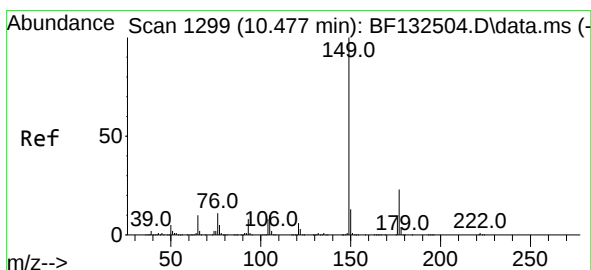
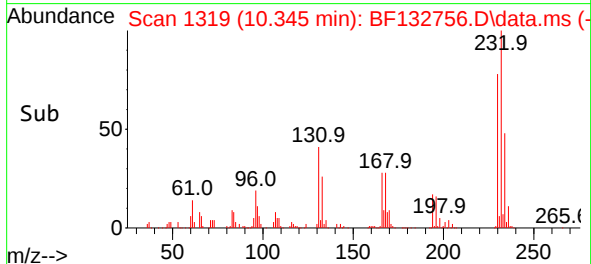
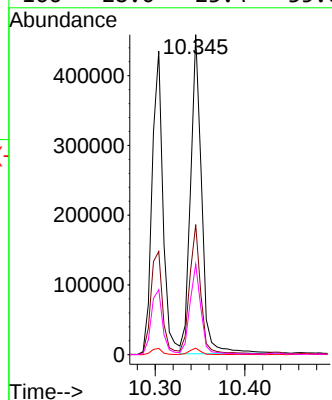
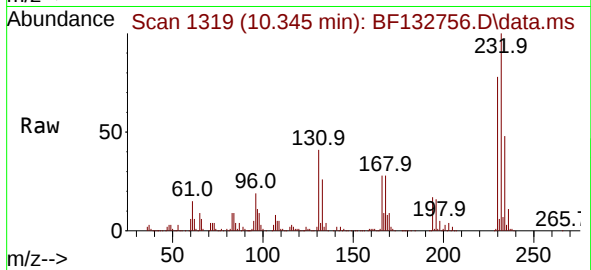




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.598 ng
RT: 10.345 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132756.D
Acq: 13 Mar 2023 12:33

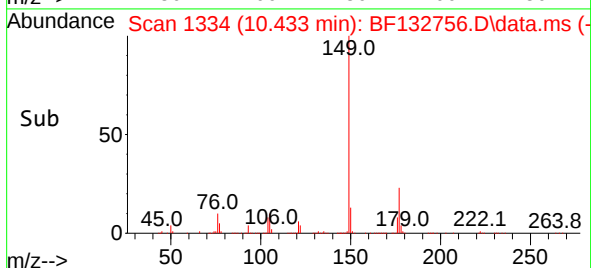
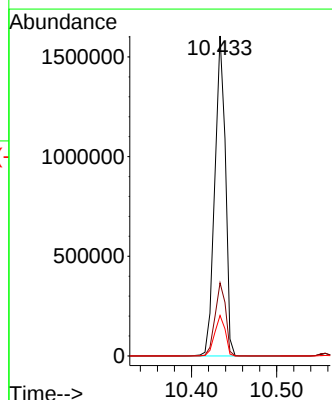
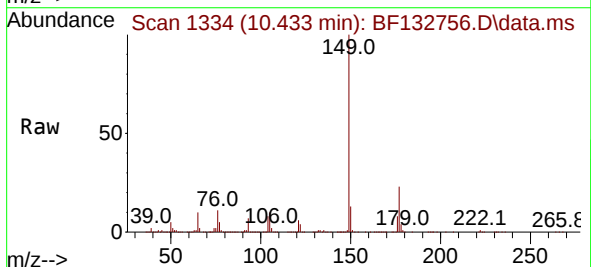
Instrument :
BNA_F
ClientSampleId :
PB151350BS

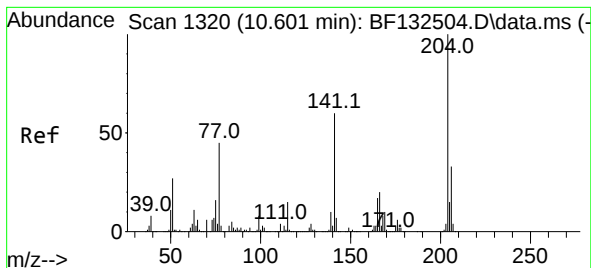
Tgt Ion:232 Resp: 391792
Ion Ratio Lower Upper
232 100
131 40.0 33.8 50.8
130 2.2 1.7 2.5
166 28.0 23.4 35.0



#60
Diethylphthalate
Concen: 42.794 ng
RT: 10.433 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF132756.D
Acq: 13 Mar 2023 12:33

Tgt Ion:149 Resp: 1390716
Ion Ratio Lower Upper
149 100
177 22.9 18.1 27.1
150 12.7 10.2 15.2

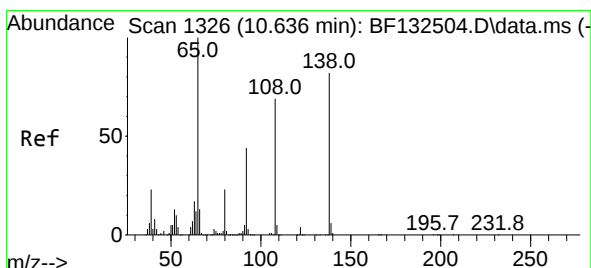
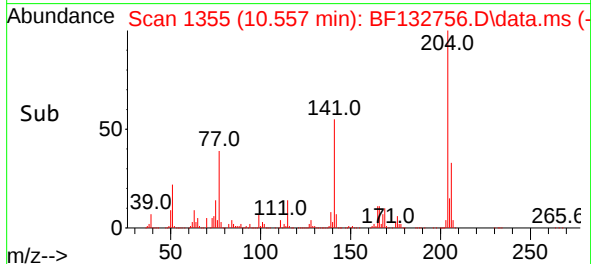
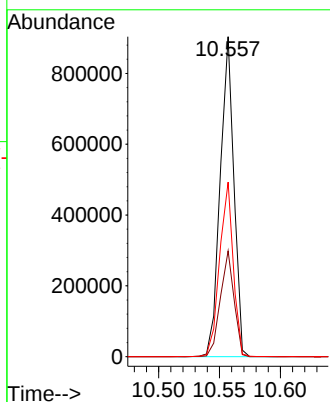
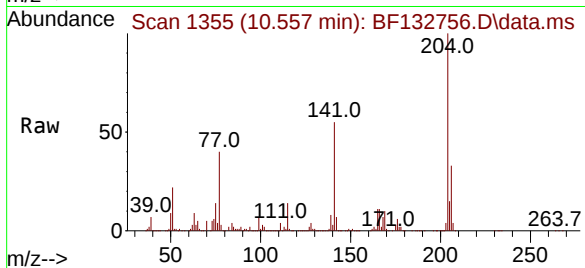




#61
4-Chlorophenyl-phenylether
Concen: 44.218 ng
RT: 10.557 min Scan# 1355
Delta R.T. 0.000 min
Lab File: BF132756.D
Acq: 13 Mar 2023 12:33

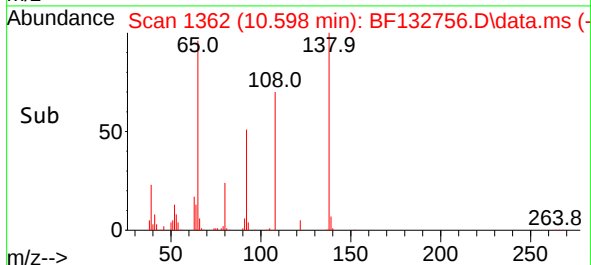
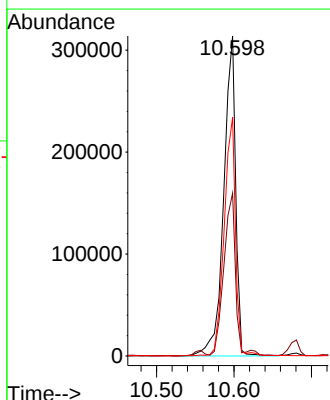
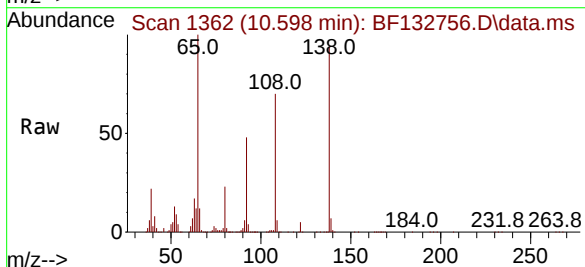
Instrument :
BNA_F
ClientSampleId :
PB151350BS

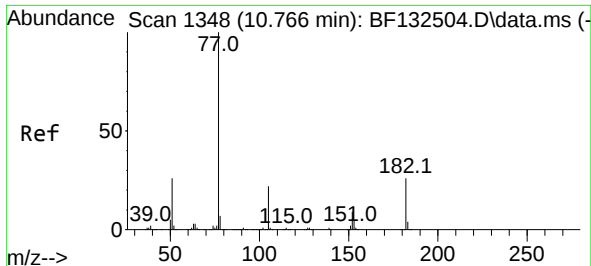
Tgt Ion:204 Resp: 708910
Ion Ratio Lower Upper
204 100
206 33.1 26.3 39.5
141 54.5 47.8 71.8



#62
4-Nitroaniline
Concen: 40.537 ng
RT: 10.598 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF132756.D
Acq: 13 Mar 2023 12:33

Tgt Ion:138 Resp: 337309
Ion Ratio Lower Upper
138 100
92 50.8 33.8 73.8
108 74.5 63.7 103.7



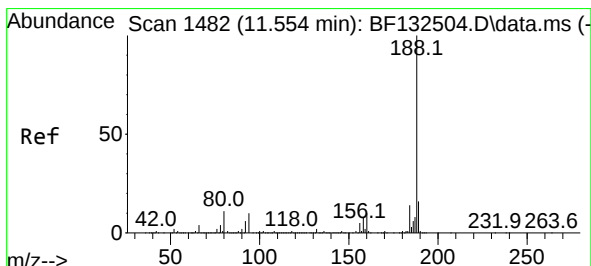
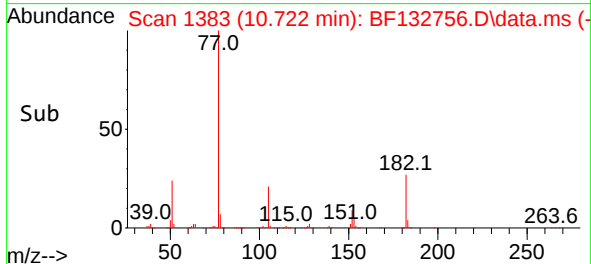
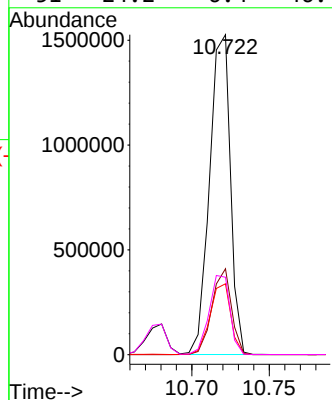
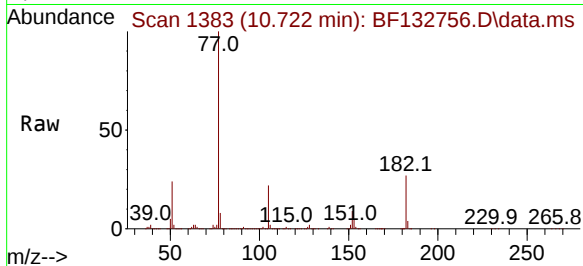


#63
Azobenzene
Concen: 41.539 ng
RT: 10.722 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132756.D
Acq: 13 Mar 2023 12:33

Instrument :
BNA_F
ClientSampleId :
PB151350BS

Tgt Ion: 77 Resp: 1429676

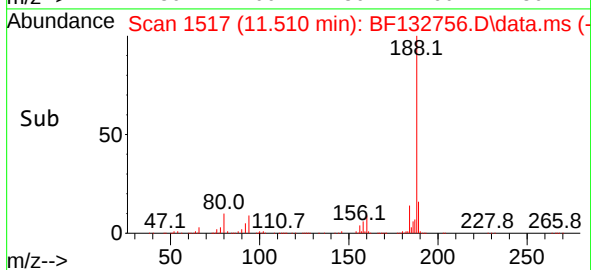
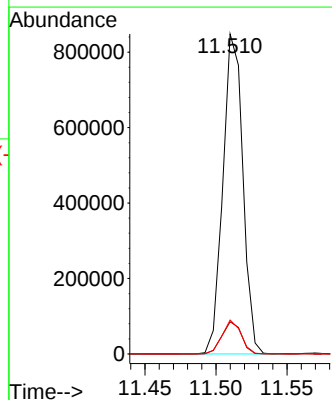
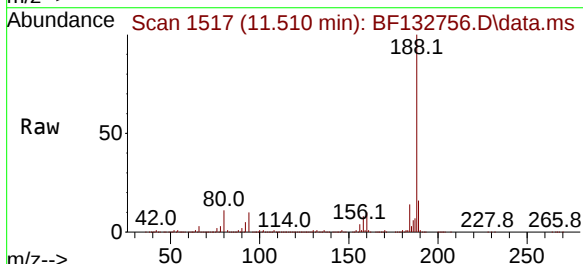
Ion	Ratio	Lower	Upper
77	100		
182	26.9	5.5	45.5
105	22.1	1.8	41.8
51	24.2	6.4	46.4

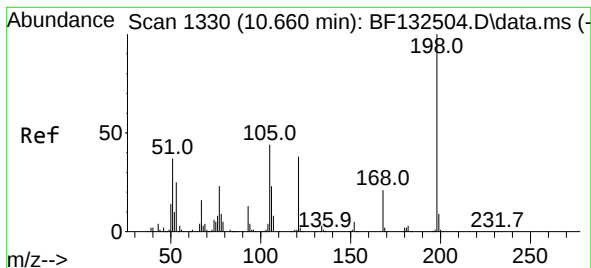


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.510 min Scan# 1517
Delta R.T. 0.000 min
Lab File: BF132756.D
Acq: 13 Mar 2023 12:33

Tgt Ion: 188 Resp: 827524

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.3	12.5
80	10.6	8.7	13.1

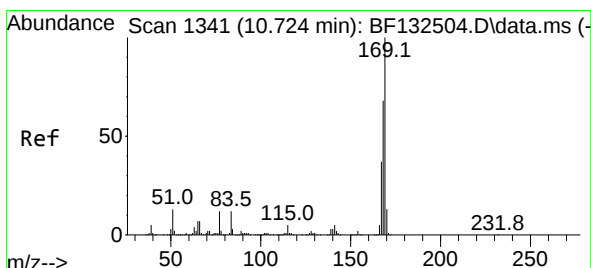
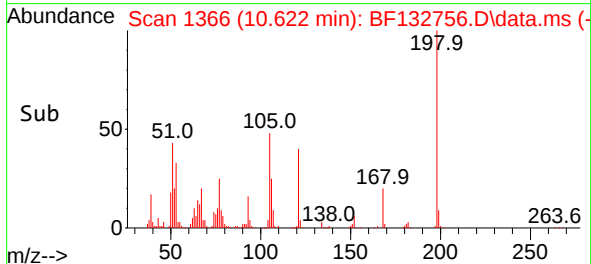
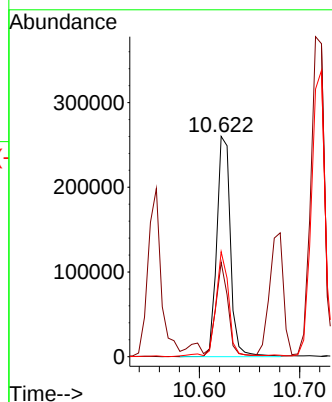
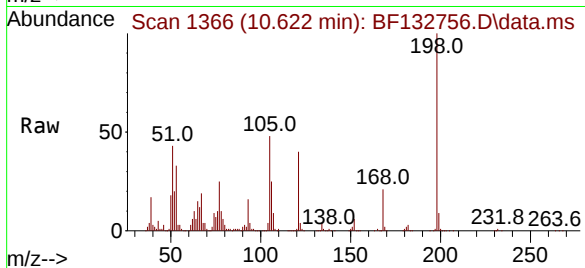




#65
4,6-Dinitro-2-methylphenol
Concen: 44.035 ng
RT: 10.622 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132756.D
Acq: 13 Mar 2023 12:33

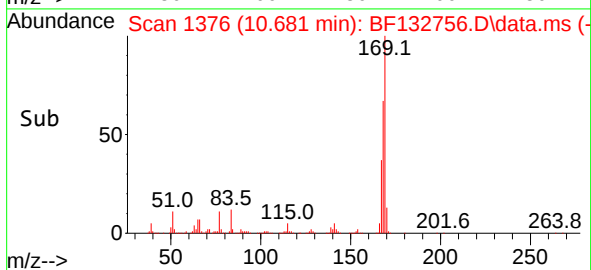
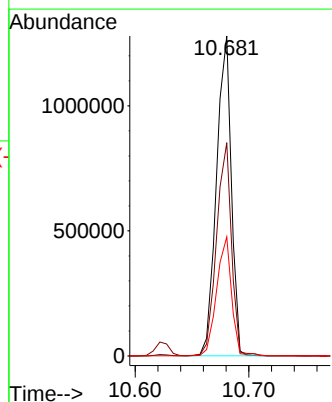
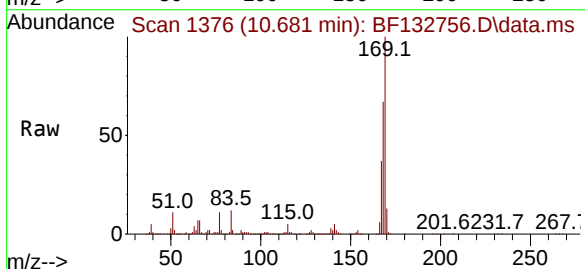
Instrument :
BNA_F
ClientSampleId :
PB151350BS

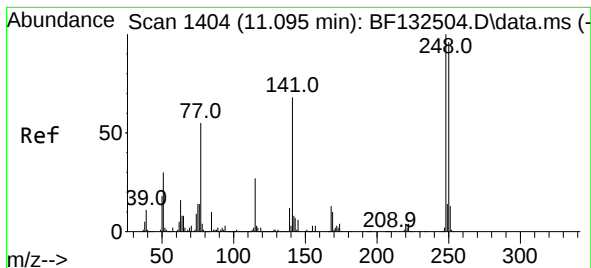
Tgt Ion:198 Resp: 246681
Ion Ratio Lower Upper
198 100
51 42.9 20.6 60.6
105 47.7 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 45.097 ng
RT: 10.681 min Scan# 1376
Delta R.T. 0.000 min
Lab File: BF132756.D
Acq: 13 Mar 2023 12:33

Tgt Ion:169 Resp: 1163436
Ion Ratio Lower Upper
169 100
168 66.6 54.2 81.4
167 37.2 29.6 44.4

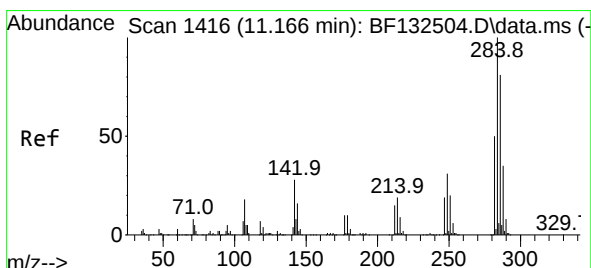
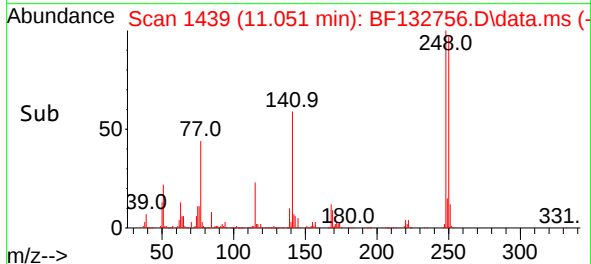
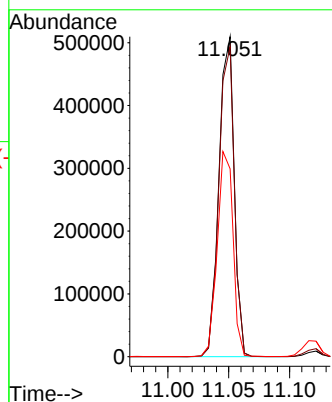
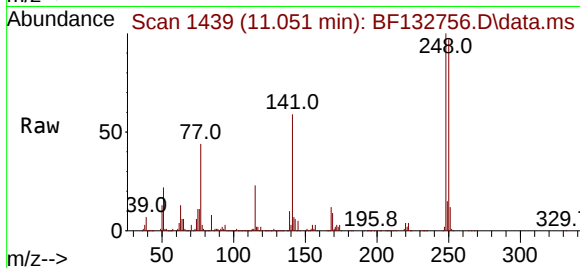




#67
4-Bromophenyl-phenylether
Concen: 47.744 ng
RT: 11.051 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF132756.D
Acq: 13 Mar 2023 12:33

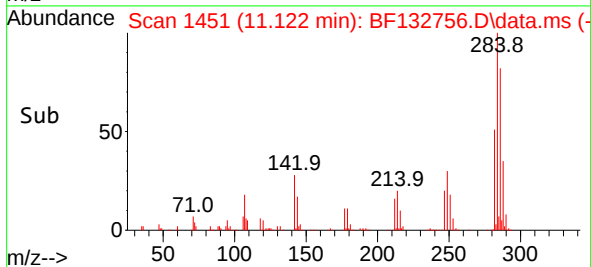
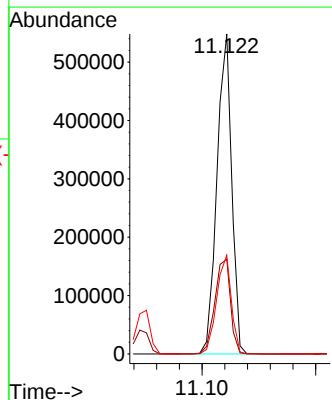
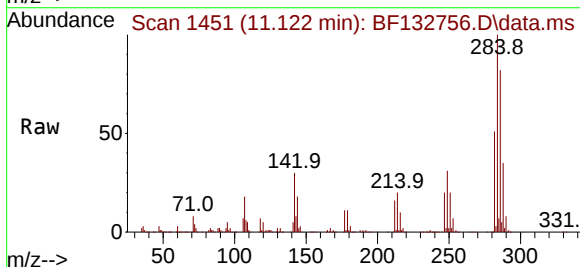
Instrument :
BNA_F
ClientSampleId :
PB151350BS

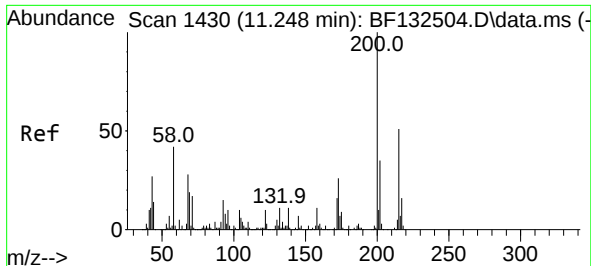
Tgt Ion:248 Resp: 446908
Ion Ratio Lower Upper
248 100
250 96.9 77.0 115.4
141 58.7 54.2 81.2



#68
Hexachlorobenzene
Concen: 50.134 ng
RT: 11.122 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF132756.D
Acq: 13 Mar 2023 12:33

Tgt Ion:284 Resp: 493799
Ion Ratio Lower Upper
284 100
142 29.6 22.2 33.4
249 30.9 24.9 37.3

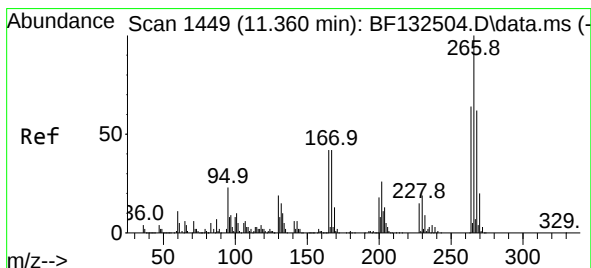
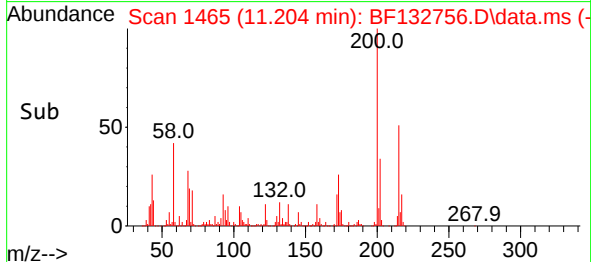
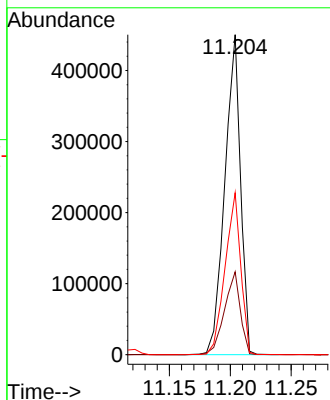
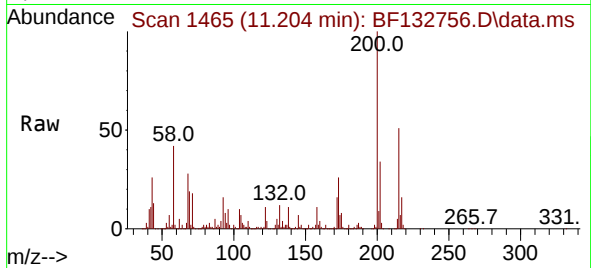




#69
 Atrazine
 Concen: 50.295 ng
 RT: 11.204 min Scan# 1465
 Delta R.T. 0.000 min
 Lab File: BF132756.D
 Acq: 13 Mar 2023 12:33

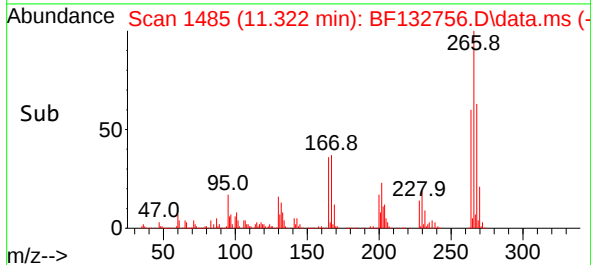
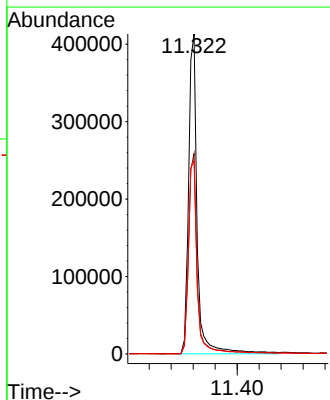
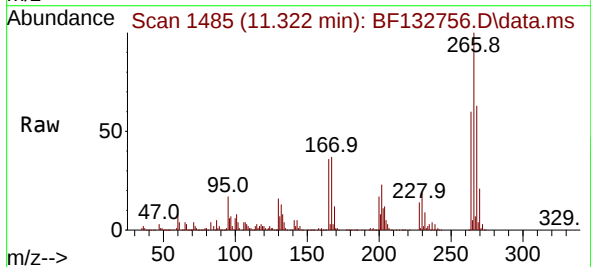
Instrument :
 BNA_F
 ClientSampleId :
 PB151350BS

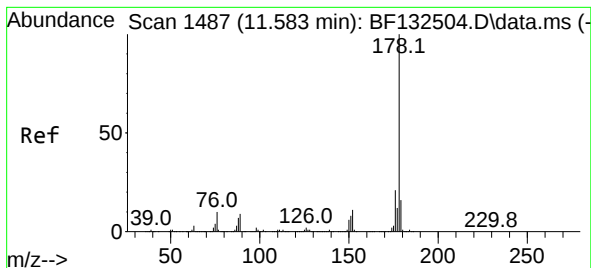
Tgt Ion:200 Resp: 405079
 Ion Ratio Lower Upper
 200 100
 173 25.9 6.4 46.4
 215 50.6 31.0 71.0



#70
 Pentachlorophenol
 Concen: 76.114 ng
 RT: 11.322 min Scan# 1485
 Delta R.T. 0.006 min
 Lab File: BF132756.D
 Acq: 13 Mar 2023 12:33

Tgt Ion:266 Resp: 446038
 Ion Ratio Lower Upper
 266 100
 268 62.6 49.8 74.6
 264 60.4 50.9 76.3





#71

Phenanthrene

Concen: 43.221 ng

RT: 11.539 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF132756.D

Acq: 13 Mar 2023 12:33

Instrument :

BNA_F

ClientSampleId :

PB151350BS

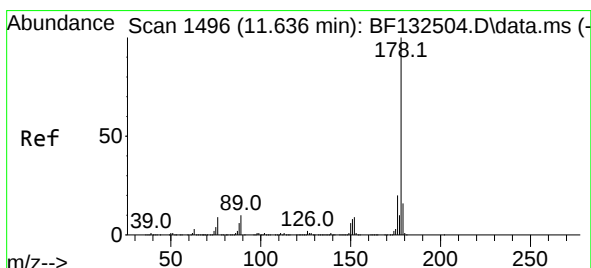
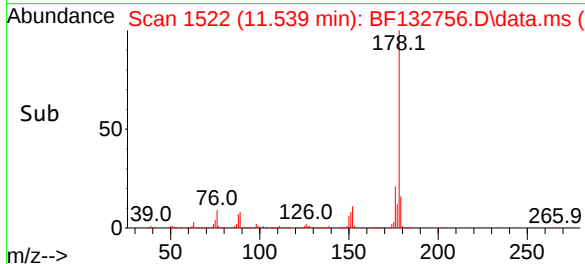
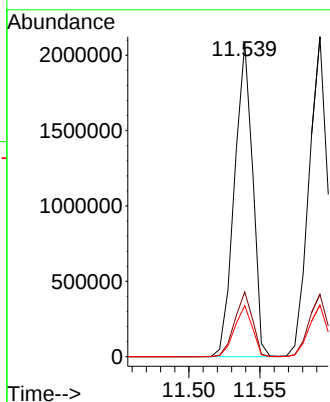
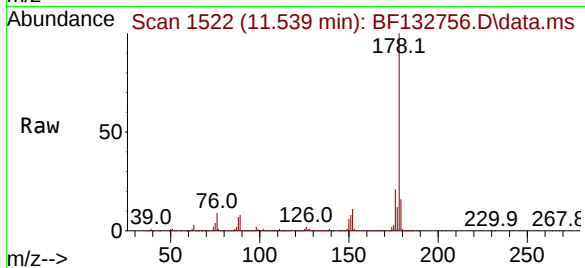
Tgt Ion:178 Resp: 1852892

Ion Ratio Lower Upper

178 100

176 20.7 16.5 24.7

179 16.3 13.0 19.6



#72

Anthracene

Concen: 43.084 ng

RT: 11.592 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF132756.D

Acq: 13 Mar 2023 12:33

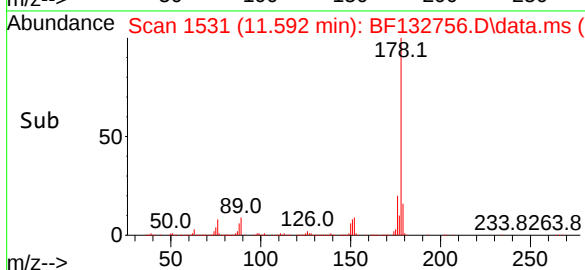
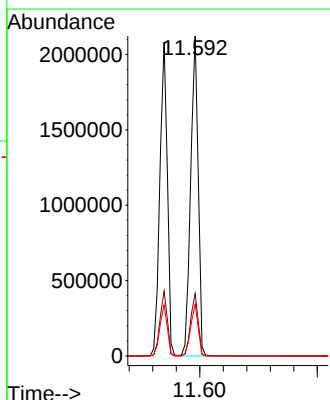
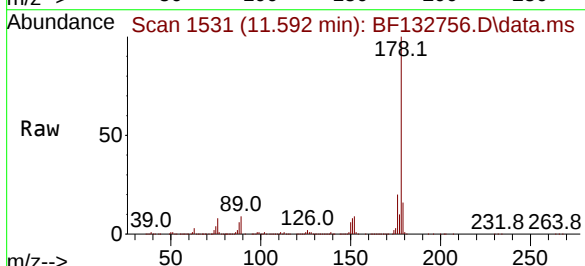
Tgt Ion:178 Resp: 1901995

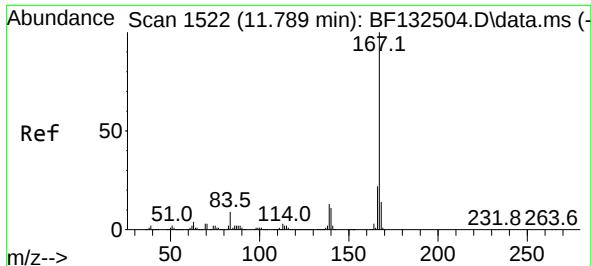
Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

179 16.2 12.5 18.7

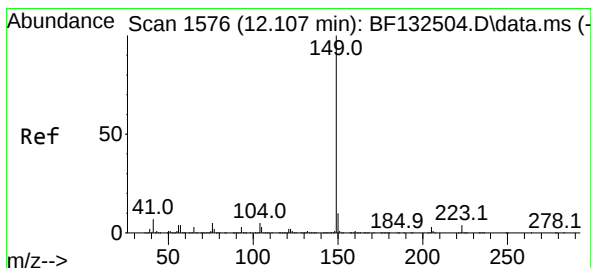
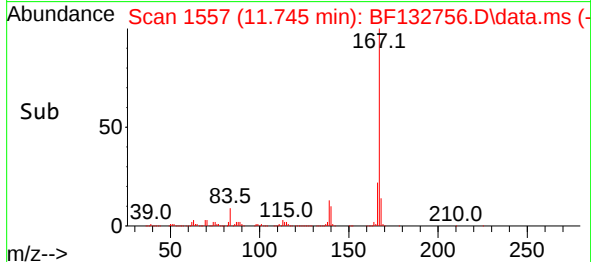
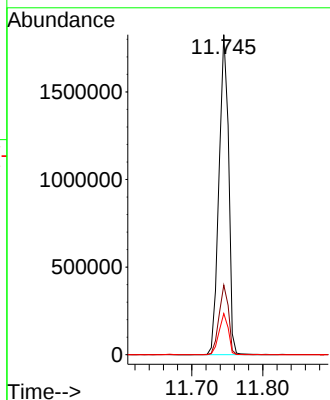
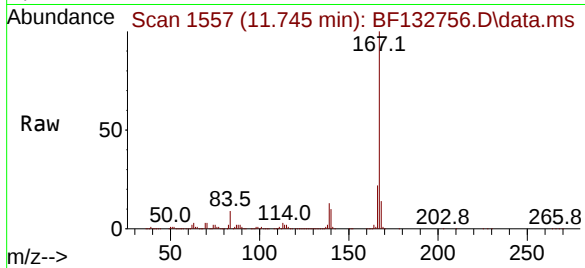




#73
 Carbazole
 Concen: 42.779 ng
 RT: 11.745 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF132756.D
 Acq: 13 Mar 2023 12:33

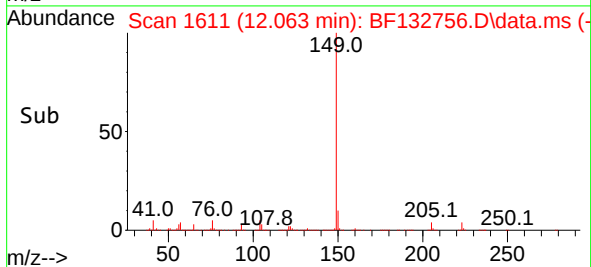
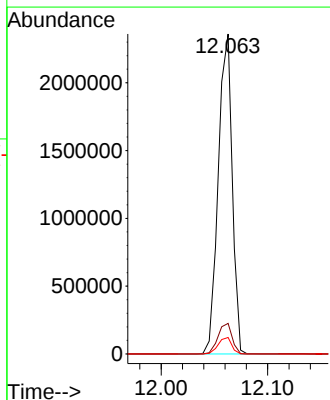
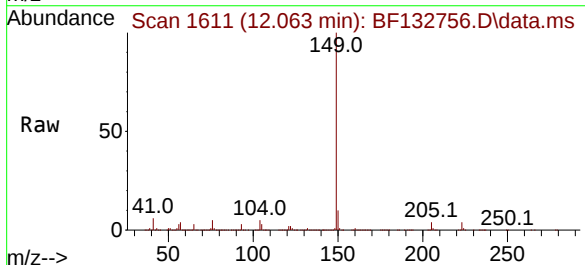
Instrument :
 BNA_F
 ClientSampleId :
 PB151350BS

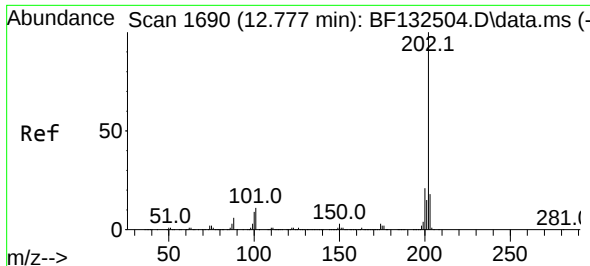
Tgt Ion:167 Resp: 1702710
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.7 26.5
 139 12.8 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 45.840 ng
 RT: 12.063 min Scan# 1611
 Delta R.T. 0.000 min
 Lab File: BF132756.D
 Acq: 13 Mar 2023 12:33

Tgt Ion:149 Resp: 2140198
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.8
 104 5.2 4.3 6.5

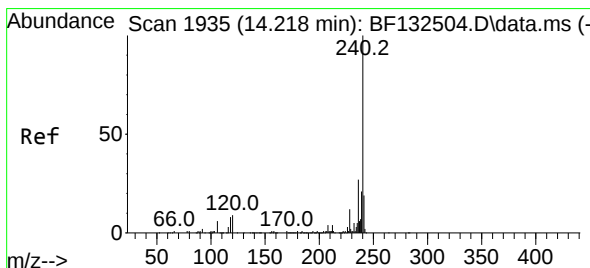
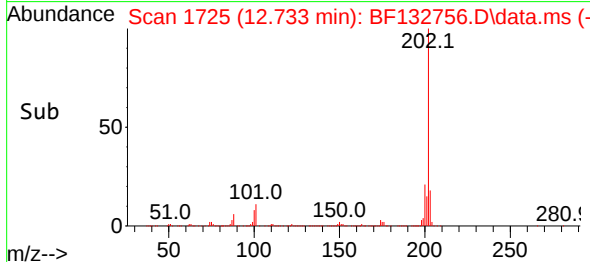
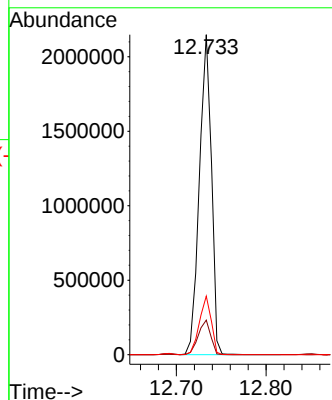
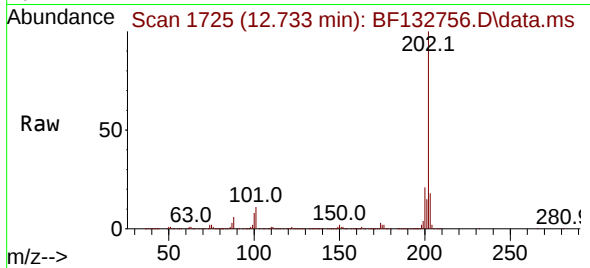




#75
Fluoranthene
Concen: 42.609 ng
RT: 12.733 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132756.D
Acq: 13 Mar 2023 12:33

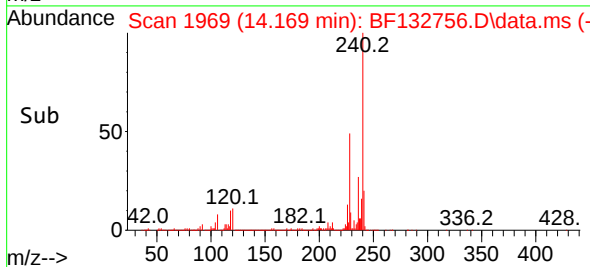
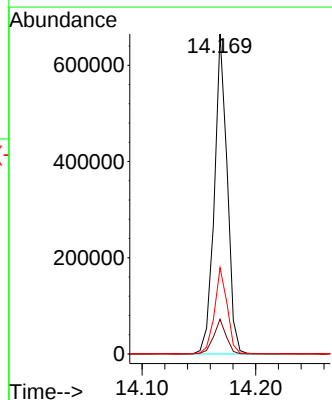
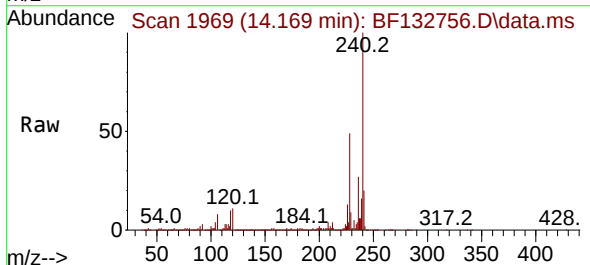
Instrument :
BNA_F
ClientSampleId :
PB151350BS

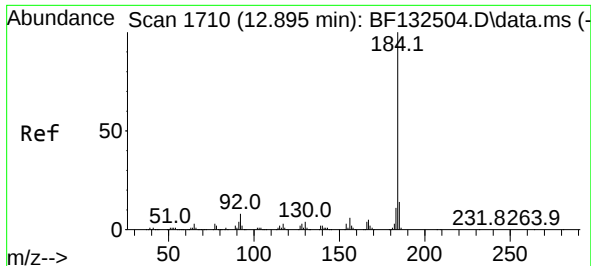
Tgt Ion:202 Resp: 1996903
Ion Ratio Lower Upper
202 100
101 10.8 0.0 31.4
203 18.3 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: BF132756.D
Acq: 13 Mar 2023 12:33

Tgt Ion:240 Resp: 521409
Ion Ratio Lower Upper
240 100
120 10.8 7.2 10.8#
236 26.9 21.8 32.6

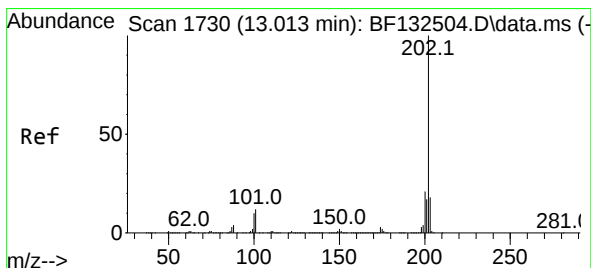
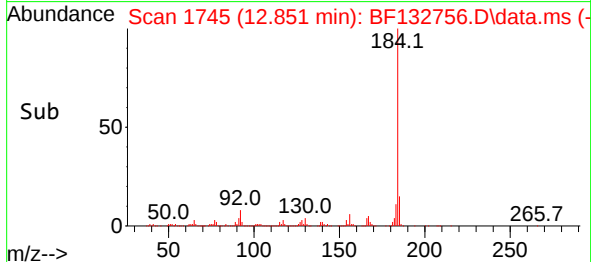
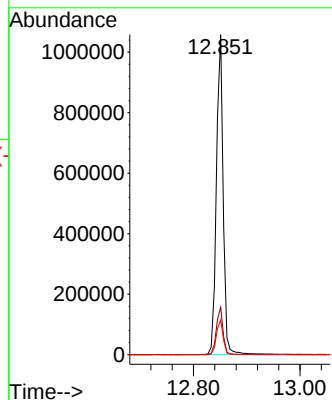
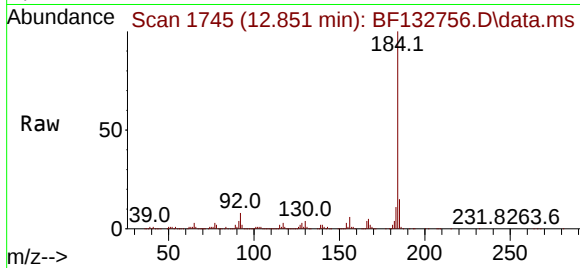




#77
Benzidine
Concen: 73.536 ng
RT: 12.851 min Scan# 1710
Delta R.T. 0.000 min
Lab File: BF132756.D
Acq: 13 Mar 2023 12:33

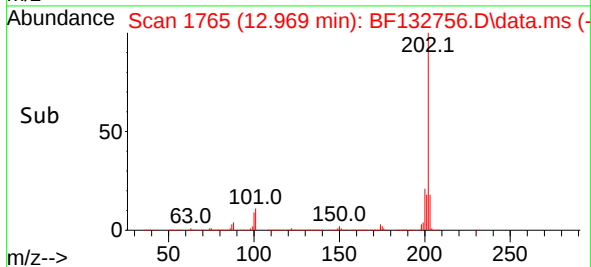
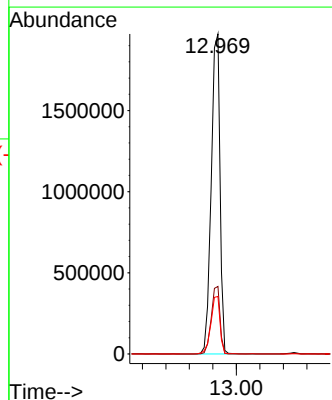
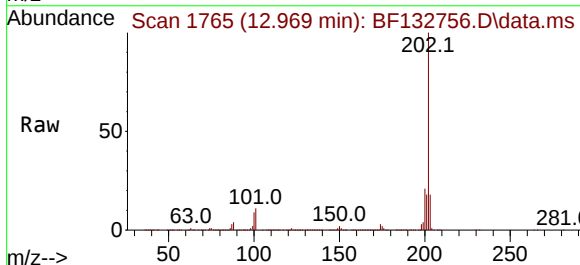
Instrument :
BNA_F
ClientSampleId :
PB151350BS

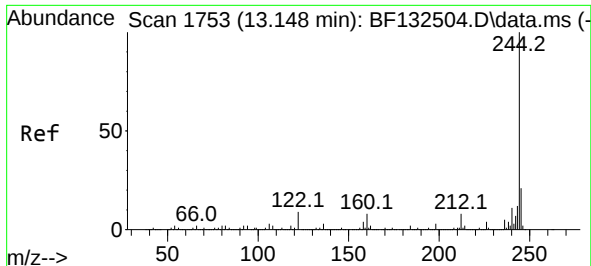
Tgt Ion:184 Resp: 933358
Ion Ratio Lower Upper
184 100
185 14.8 11.7 17.5
183 10.9 8.7 13.1



#78
Pyrene
Concen: 42.847 ng
RT: 12.969 min Scan# 1765
Delta R.T. 0.000 min
Lab File: BF132756.D
Acq: 13 Mar 2023 12:33

Tgt Ion:202 Resp: 2031150
Ion Ratio Lower Upper
202 100
200 21.1 17.1 25.7
203 17.9 14.6 21.8

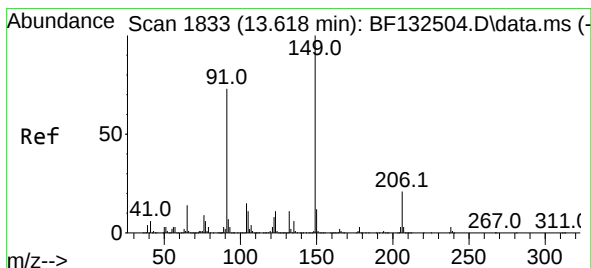
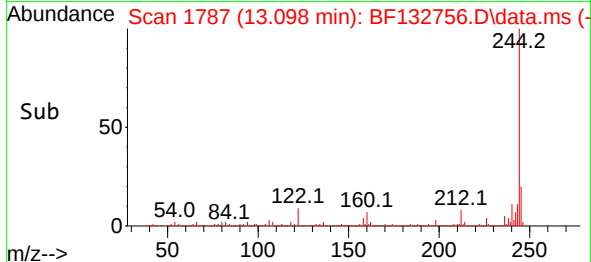
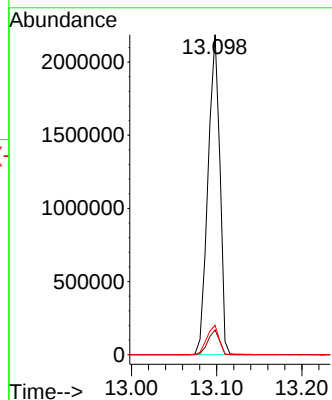
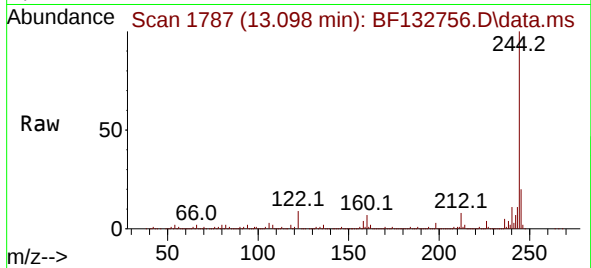




#79
 Terphenyl-d14
 Concen: 68.413 ng
 RT: 13.098 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF132756.D
 Acq: 13 Mar 2023 12:33

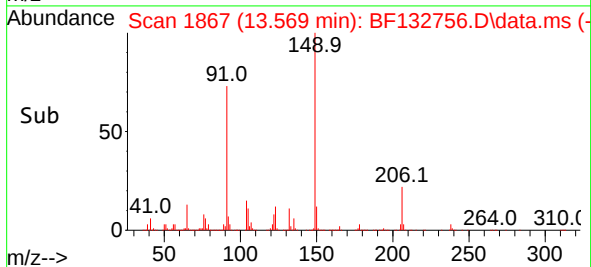
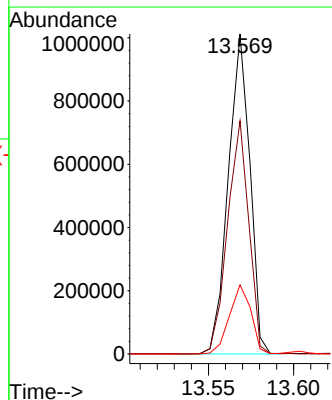
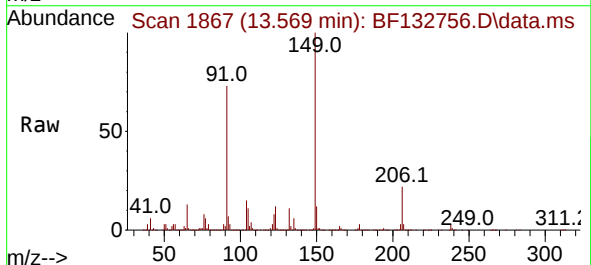
Instrument :
 BNA_F
 ClientSampleId :
 PB151350BS

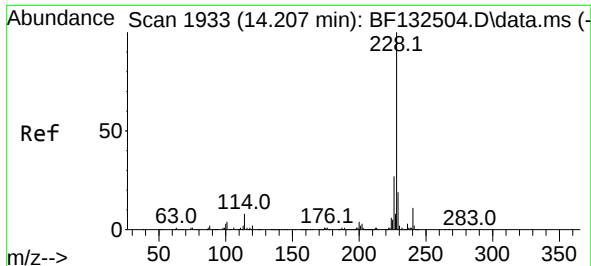
Tgt Ion:244 Resp: 2109781
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 9.2 7.5 11.3



#80
 Butylbenzylphthalate
 Concen: 47.515 ng
 RT: 13.569 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: BF132756.D
 Acq: 13 Mar 2023 12:33

Tgt Ion:149 Resp: 888872
 Ion Ratio Lower Upper
 149 100
 91 72.9 58.4 87.6
 206 21.6 16.8 25.2

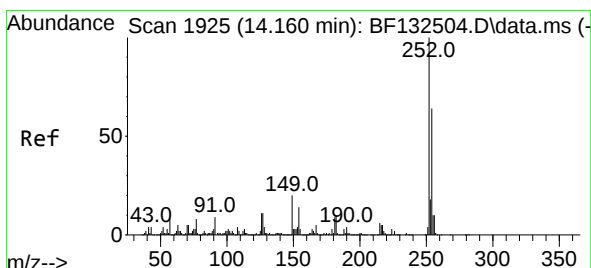
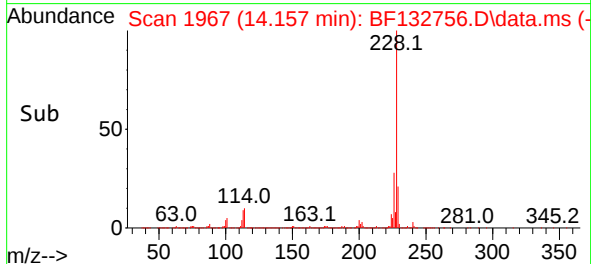
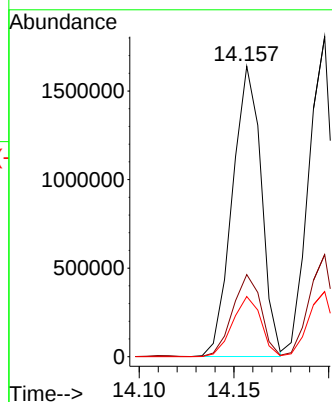
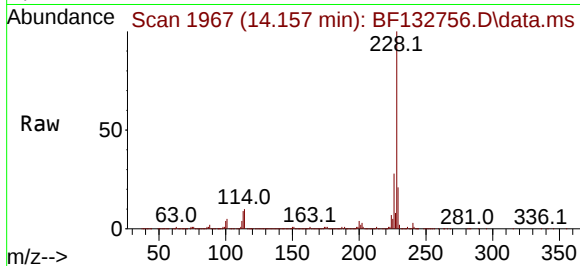




#81
Benzo(a)anthracene
Concen: 44.710 ng
RT: 14.157 min Scan# 1933
Delta R.T. 0.000 min
Lab File: BF132756.D
Acq: 13 Mar 2023 12:33

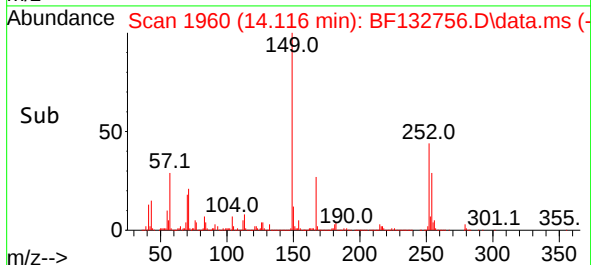
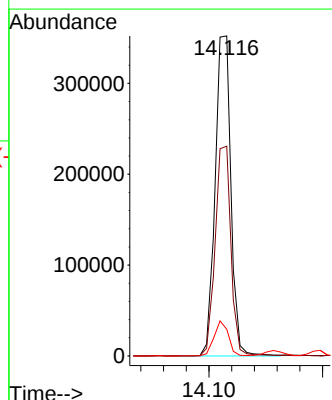
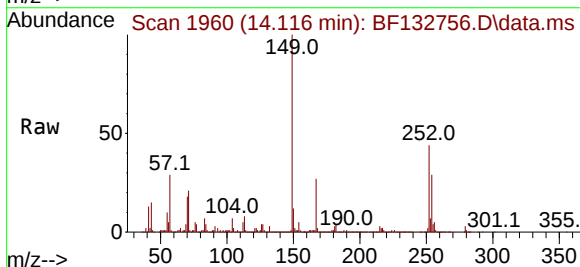
Instrument :
BNA_F
ClientSampleId :
PB151350BS

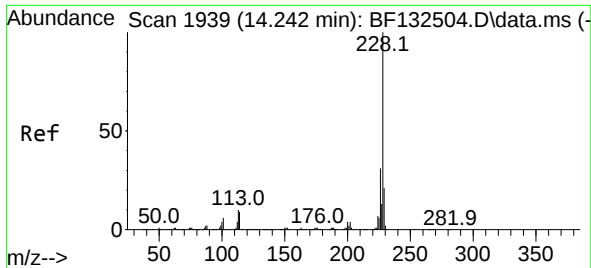
Tgt Ion:228 Resp: 1744289
Ion Ratio Lower Upper
228 100
226 28.3 21.7 32.5
229 20.7 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 29.594 ng
RT: 14.116 min Scan# 1960
Delta R.T. 0.000 min
Lab File: BF132756.D
Acq: 13 Mar 2023 12:33

Tgt Ion:252 Resp: 340387
Ion Ratio Lower Upper
252 100
254 65.5 51.4 77.2
126 8.4 8.9 13.3#

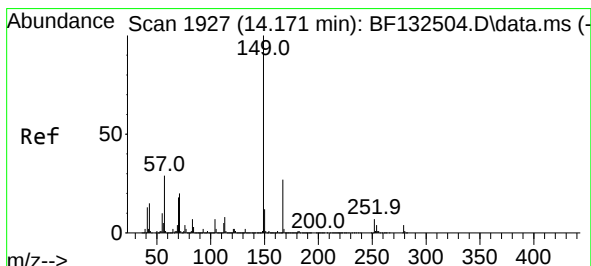
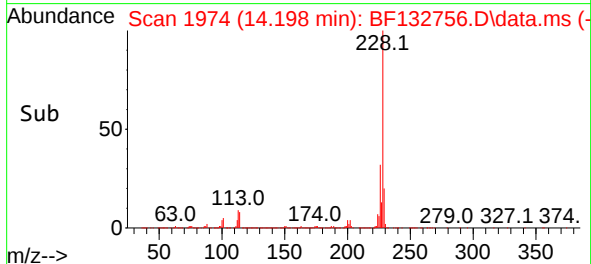
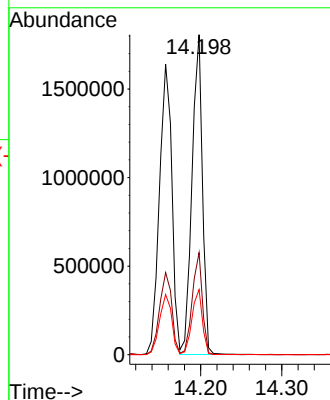
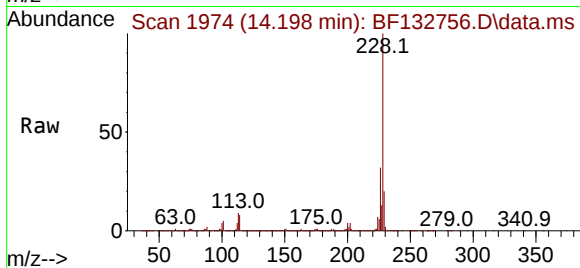




#83
Chrysene
Concen: 44.247 ng
RT: 14.198 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BF132756.D
Acq: 13 Mar 2023 12:33

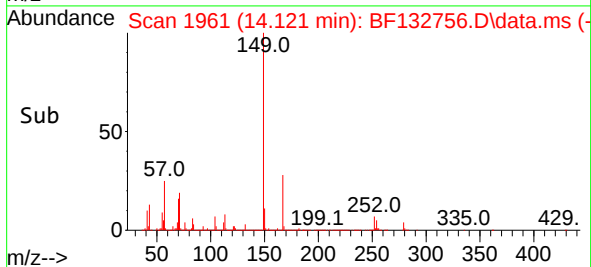
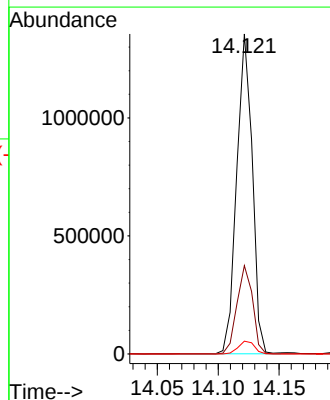
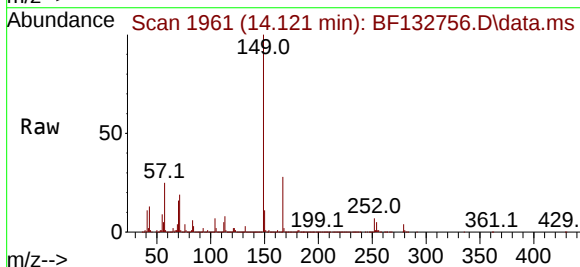
Instrument :
BNA_F
ClientSampleId :
PB151350BS

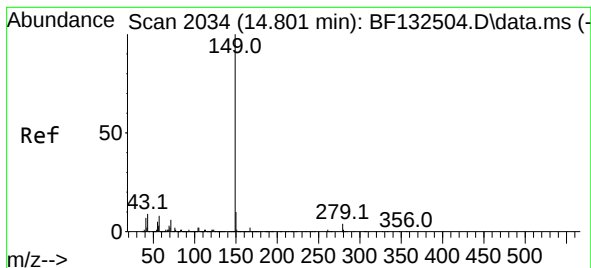
Tgt Ion:228 Resp: 1614201
Ion Ratio Lower Upper
228 100
226 31.9 25.0 37.6
229 20.4 16.4 24.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 52.484 ng
RT: 14.121 min Scan# 1961
Delta R.T. 0.000 min
Lab File: BF132756.D
Acq: 13 Mar 2023 12:33

Tgt Ion:149 Resp: 1206113
Ion Ratio Lower Upper
149 100
167 27.6 21.8 32.6
279 4.0 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 57.715 ng

RT: 14.745 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF132756.D

Acq: 13 Mar 2023 12:33

Instrument :

BNA_F

ClientSampleId :

PB151350BS

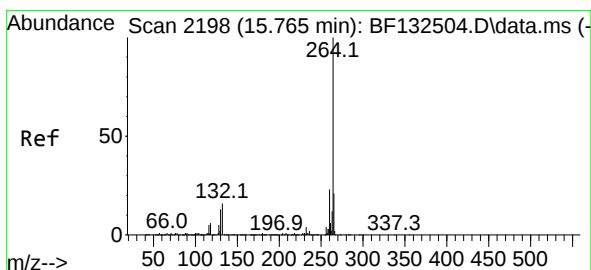
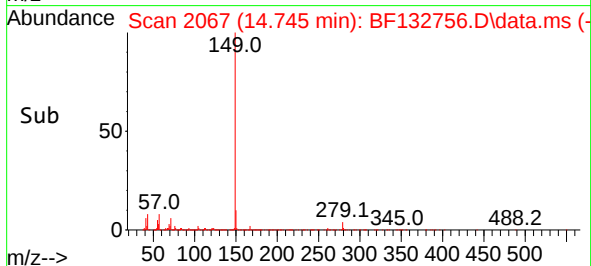
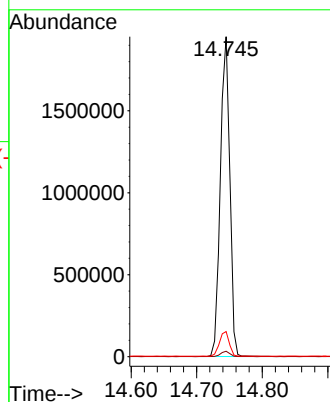
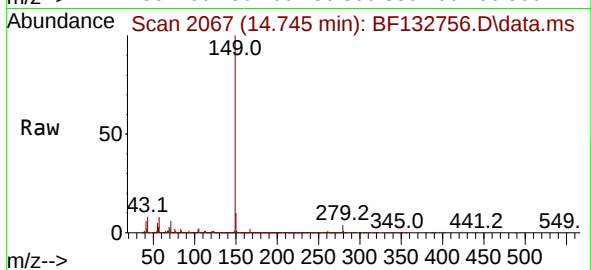
Tgt Ion:149 Resp: 1938172

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.0 7.2 10.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.704 min Scan# 2230

Delta R.T. 0.006 min

Lab File: BF132756.D

Acq: 13 Mar 2023 12:33

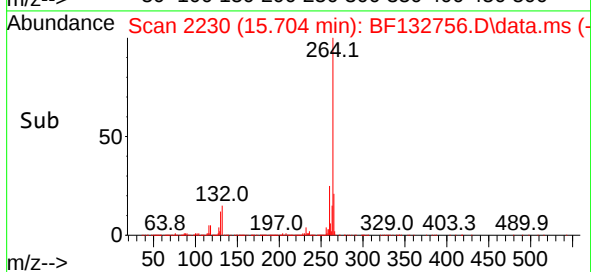
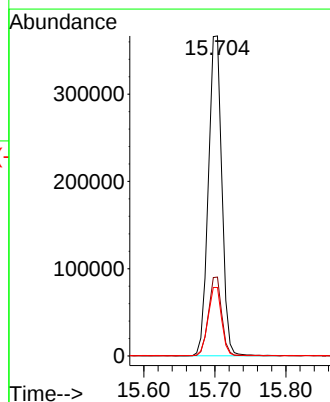
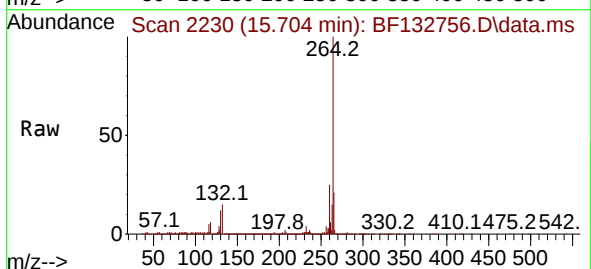
Tgt Ion:264 Resp: 484072

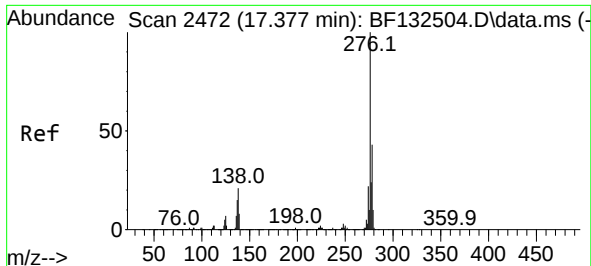
Ion Ratio Lower Upper

264 100

260 24.7 18.8 28.2

265 21.4 17.1 25.7

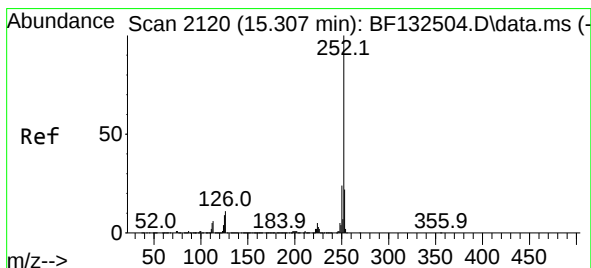
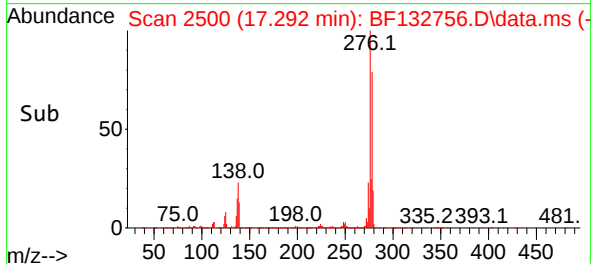
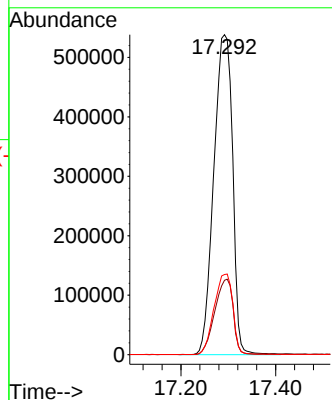
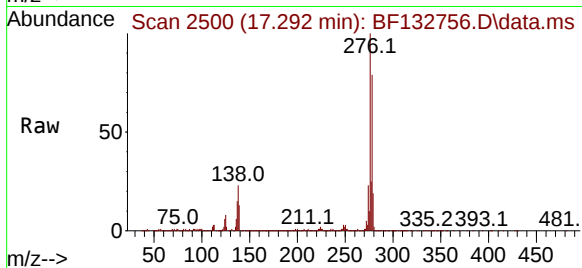




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 46.805 ng
 RT: 17.292 min Scan# 2152
 Delta R.T. 0.000 min
 Lab File: BF132756.D
 Acq: 13 Mar 2023 12:33

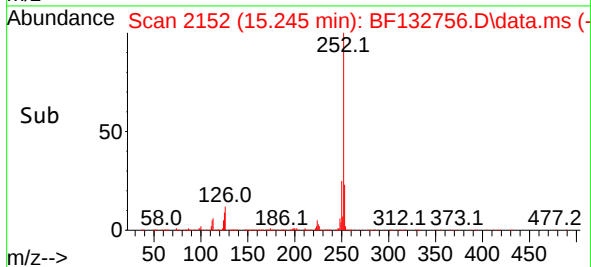
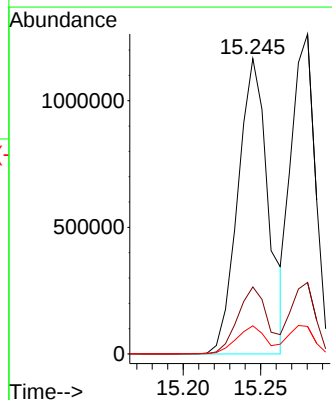
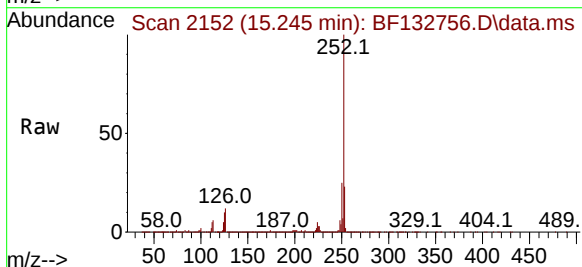
Instrument :
 BNA_F
 ClientSampleId :
 PB151350BS

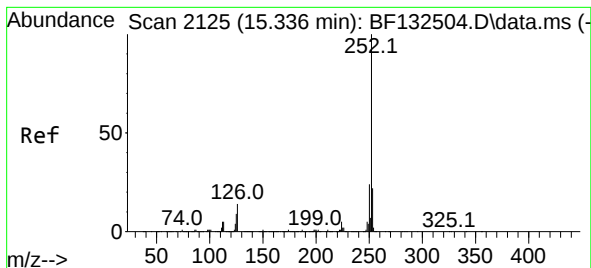
Tgt Ion:276 Resp: 1484593
 Ion Ratio Lower Upper
 276 100
 138 23.0 19.0 28.4
 277 25.1 20.0 30.0



#88
 Benzo(b)fluoranthene
 Concen: 48.962 ng
 RT: 15.245 min Scan# 2152
 Delta R.T. 0.000 min
 Lab File: BF132756.D
 Acq: 13 Mar 2023 12:33

Tgt Ion:252 Resp: 1588329
 Ion Ratio Lower Upper
 252 100
 253 22.7 17.4 26.0
 125 9.5 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 43.073 ng

RT: 15.280 min Scan# 2119

Delta R.T. 0.006 min

Lab File: BF132756.D

Acq: 13 Mar 2023 12:33

Instrument :

BNA_F

ClientSampleId :

PB151350BS

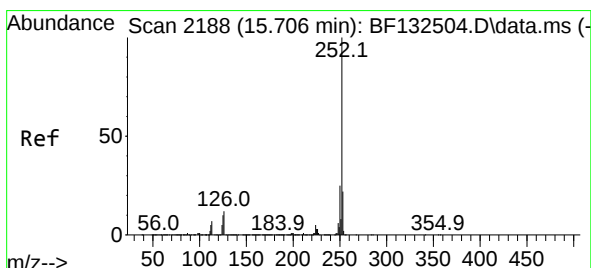
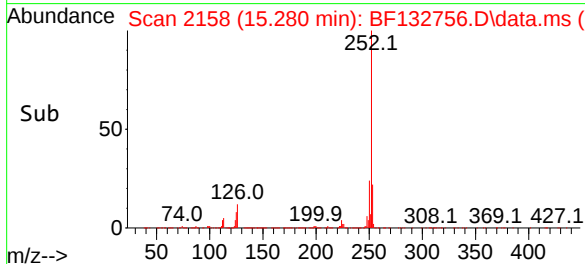
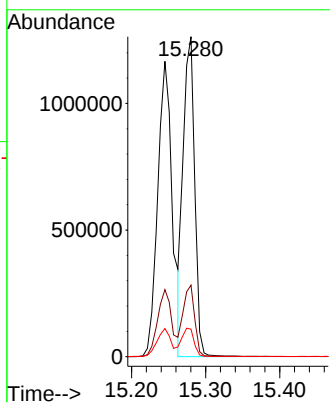
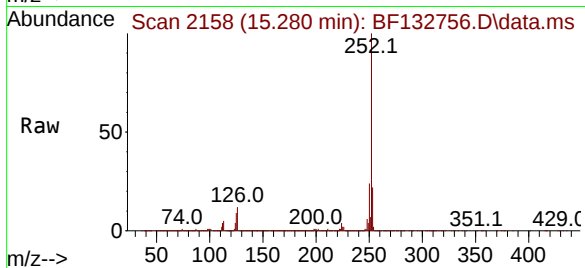
Tgt Ion:252 Resp: 1367518

Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

125 8.6 7.2 10.8



#90

Benzo(a)pyrene

Concen: 42.753 ng

RT: 15.639 min Scan# 2219

Delta R.T. 0.000 min

Lab File: BF132756.D

Acq: 13 Mar 2023 12:33

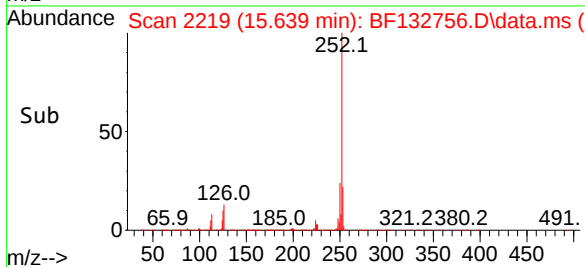
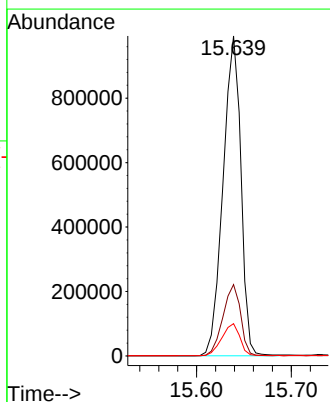
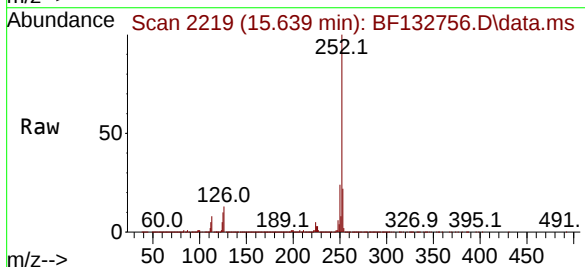
Tgt Ion:252 Resp: 1298049

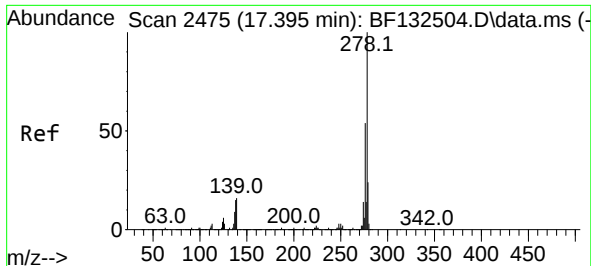
Ion Ratio Lower Upper

252 100

253 22.3 17.2 25.8

125 10.1 8.0 12.0

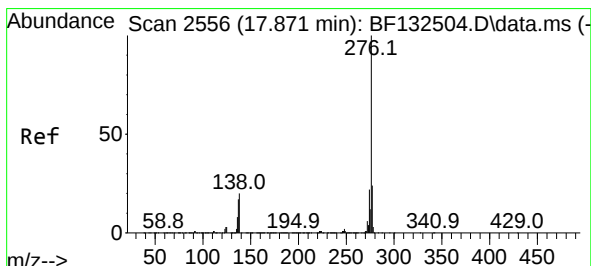
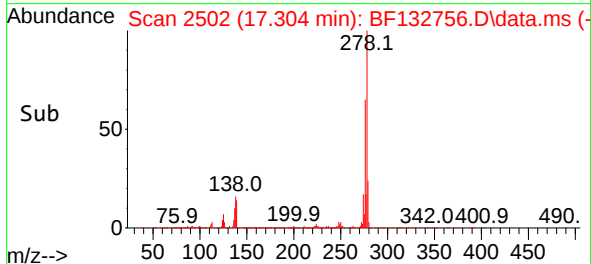
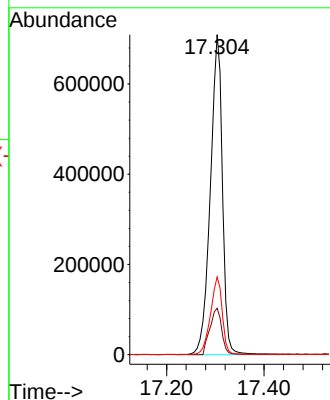
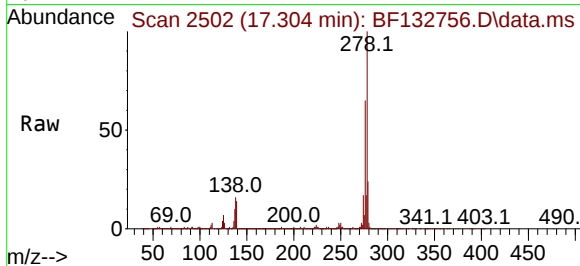




#91
Dibenzo(a,h)anthracene
Concen: 47.061 ng
RT: 17.304 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF132756.D
Acq: 13 Mar 2023 12:33

Instrument :
BNA_F
ClientSampleId :
PB151350BS

Tgt Ion:278 Resp: 1216208
Ion Ratio Lower Upper
278 100
139 14.5 13.0 19.4
279 24.3 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 42.748 ng
RT: 17.774 min Scan# 2582
Delta R.T. 0.006 min
Lab File: BF132756.D
Acq: 13 Mar 2023 12:33

Tgt Ion:276 Resp: 1243143
Ion Ratio Lower Upper
276 100
277 23.1 18.9 28.3
138 20.5 16.2 24.4

