

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
 Data File : BF134158.D
 Acq On : 08 Jul 2023 20:31
 Operator : CG\JU
 Sample : 03476-03MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 09 00:40:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	146935	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	600336	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	306870	20.000	ng	0.00
64) Phenanthrene-d10	11.381	188	582585	20.000	ng	0.00
76) Chrysene-d12	14.045	240	296808	20.000	ng	0.00
86) Perylene-d12	15.545	264	297483	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	1010628	115.054	ng	0.00
7) Phenol-d6	6.493	99	1311547	121.411	ng	0.00
23) Nitrobenzene-d5	7.416	82	884155	79.390	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	436126	113.352	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1507451	71.420	ng	0.00
79) Terphenyl-d14	12.980	244	1603493	86.948	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	136335	37.642	ng	98
3) Pyridine	3.505	79	355781	37.712	ng	99
4) n-Nitrosodimethylamine	3.475	42	247920	46.012	ng	97
6) Aniline	6.516	93	606518	46.140	ng	94
8) 2-Chlorophenol	6.634	128	473703	53.125	ng	99
9) Benzaldehyde	6.404	77	330503	67.055	ng	99
10) Phenol	6.510	94	559467	49.257	ng	# 68
11) bis(2-Chloroethyl)ether	6.587	93	430943	51.536	ng	100
12) 1,3-Dichlorobenzene	6.787	146	485295	51.050	ng	99
13) 1,4-Dichlorobenzene	6.863	146	486425	50.660	ng	99
14) 1,2-Dichlorobenzene	7.016	146	488225	54.292	ng	99
15) Benzyl Alcohol	6.993	79	439813	52.813	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	760873	51.433	ng	97
17) 2-Methylphenol	7.104	107	398361	49.890	ng	97
18) Hexachloroethane	7.351	117	191154	53.691	ng	93
19) n-Nitroso-di-n-propyla...	7.269	70	332044	48.469	ng	99
20) 3+4-Methylphenols	7.263	107	454780	46.948	ng	94
22) Acetophenone	7.263	105	632062	46.294	ng	99
24) Nitrobenzene	7.434	77	524663	46.620	ng	95
25) Isophorone	7.669	82	984835	48.657	ng	99
26) 2-Nitrophenol	7.745	139	277854	51.466	ng	96
27) 2,4-Dimethylphenol	7.787	122	390310	45.673	ng	97
28) bis(2-Chloroethoxy)met...	7.881	93	525067	44.802	ng	98
29) 2,4-Dichlorophenol	7.992	162	396760	46.820	ng	99
30) 1,2,4-Trichlorobenzene	8.069	180	424923	48.596	ng	98
31) Naphthalene	8.151	128	1333008	45.969	ng	99
32) Benzoic acid	7.934	122	304839	47.604	ng	97
33) 4-Chloroaniline	8.198	127	365302	29.450	ng	99
34) Hexachlorobutadiene	8.263	225	270777	49.092	ng	99
35) Caprolactam	8.592	113	98198	35.193	ng	92
36) 4-Chloro-3-methylphenol	8.687	107	433259	45.511	ng	96
37) 2-Methylnaphthalene	8.839	142	905873	44.175	ng	99
38) 1-Methylnaphthalene	8.939	142	818393	42.930	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	423303	46.560	ng	99
41) Hexachlorocyclopentadiene	8.992	237	431277	99.990	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	293198	47.374	ng	99

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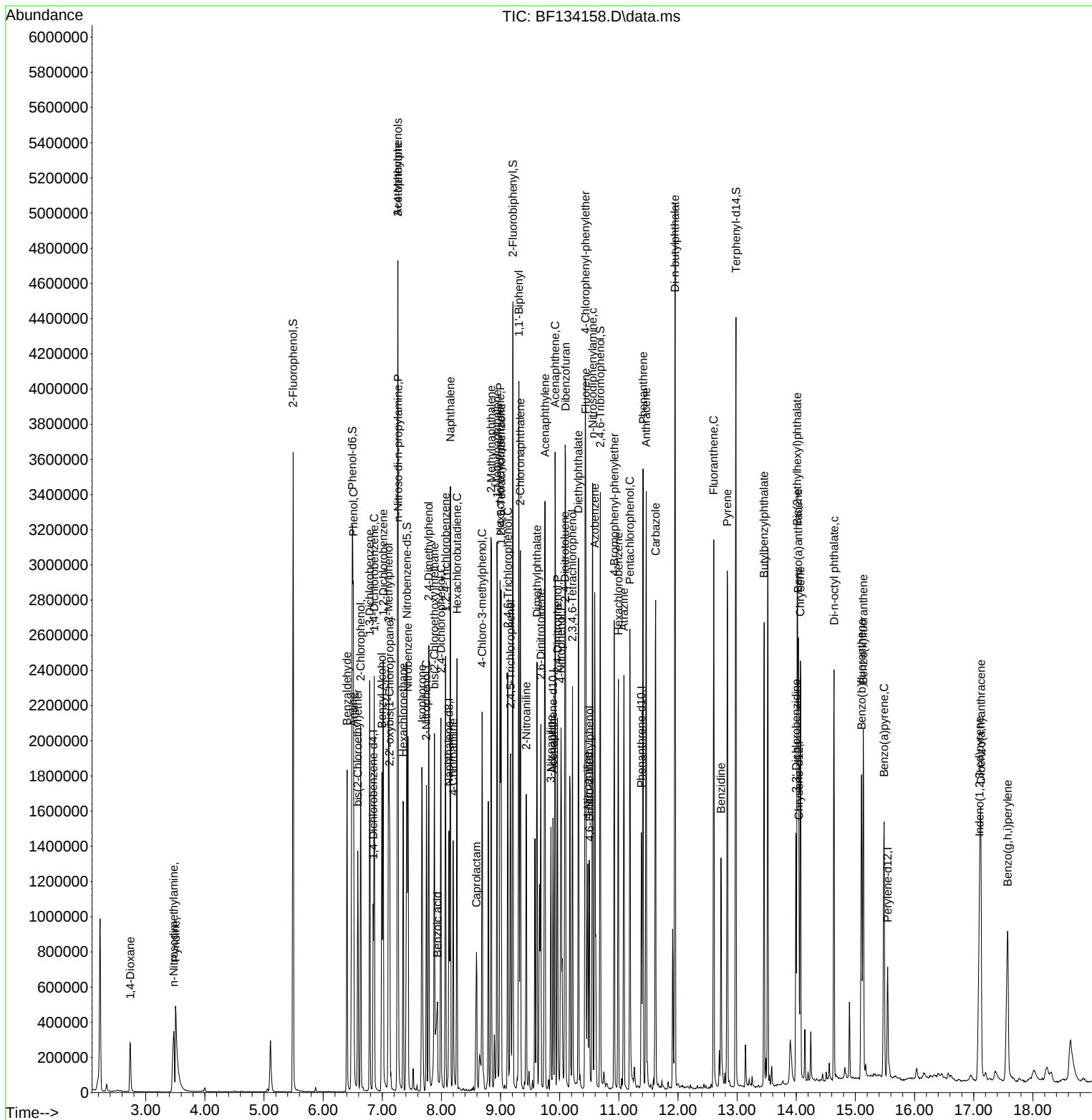
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	322135	44.250	ng	94
46) 1,1'-Biphenyl	9.310	154	1124821	45.695	ng	97
47) 2-Chloronaphthalene	9.334	162	845915	46.967	ng	97
48) 2-Nitroaniline	9.434	65	300279	45.747	ng	100
49) Acenaphthylene	9.751	152	1336975	43.455	ng	99
50) Dimethylphthalate	9.616	163	1047375	47.019	ng	100
51) 2,6-Dinitrotoluene	9.681	165	219853	45.823	ng	95
52) Acenaphthene	9.922	154	822910	46.095	ng	100
53) 3-Nitroaniline	9.851	138	216797	37.666	ng	98
54) 2,4-Dinitrophenol	9.963	184	268627	96.131	ng	96
55) Dibenzofuran	10.098	168	1201870	43.077	ng	100
56) 4-Nitrophenol	10.022	139	371878	92.366	ng	97
57) 2,4-Dinitrotoluene	10.086	165	293161	46.268	ng	90
58) Fluorene	10.439	166	961978	44.318	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	267701	46.618	ng	97
60) Diethylphthalate	10.316	149	1073942	46.275	ng	99
61) 4-Chlorophenyl-phenyle...	10.434	204	465363	44.487	ng	97
62) 4-Nitroaniline	10.475	138	253904	43.772	ng	99
63) Azobenzene	10.592	77	1114493	50.768	ng	97
65) 4,6-Dinitro-2-methylph...	10.504	198	165127	51.989	ng	99
66) n-Nitrosodiphenylamine	10.557	169	863226	46.376	ng	99
67) 4-Bromophenyl-phenylether	10.922	248	297834	48.098	ng	92
68) Hexachlorobenzene	10.992	284	335606	51.046	ng	94
69) Atrazine	11.086	200	290743	56.469	ng	99
70) Pentachlorophenol	11.186	266	323826	82.376	ng	98
71) Phenanthrene	11.410	178	1300932	44.358	ng	99
72) Anthracene	11.463	178	1351227	44.296	ng	99
73) Carbazole	11.622	167	1206085	43.196	ng	99
74) Di-n-butylphthalate	11.951	149	2678408	80.666	ng	98
75) Fluoranthene	12.604	202	1340135	42.267	ng	99
77) Benzidine	12.727	184	546035	77.316	ng	99
78) Pyrene	12.833	202	1390556	50.342	ng	100
80) Butylbenzylphthalate	13.457	149	585862	56.553	ng	98
81) Benzo(a)anthracene	14.033	228	966816	46.969	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	312306	47.889	ng	99
83) Chrysene	14.069	228	928756	46.584	ng	100
84) Bis(2-ethylhexyl)phtha...	14.016	149	744596	62.551	ng	99
85) Di-n-octyl phthalate	14.639	149	1156105	66.097	ng	99
87) Indeno(1,2,3-cd)pyrene	17.098	276	1037821	50.276	ng	99
88) Benzo(b)fluoranthene	15.104	252	914149	52.260	ng	99
89) Benzo(k)fluoranthene	15.133	252	918542	51.575	ng	98
90) Benzo(a)pyrene	15.486	252	800163	47.306	ng	99
91) Dibenzo(a,h)anthracene	17.121	278	854257	50.666	ng	98
92) Benzo(g,h,i)perylene	17.574	276	821380	47.241	ng	98

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

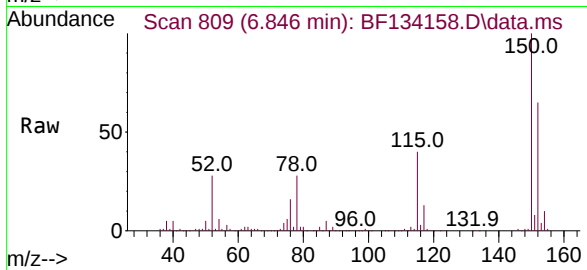
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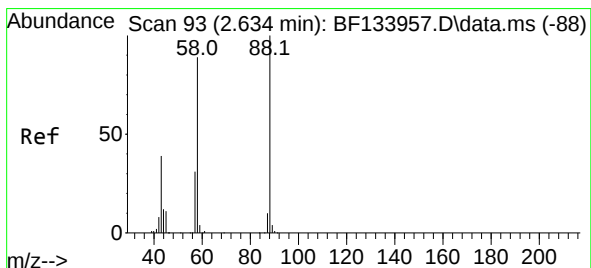
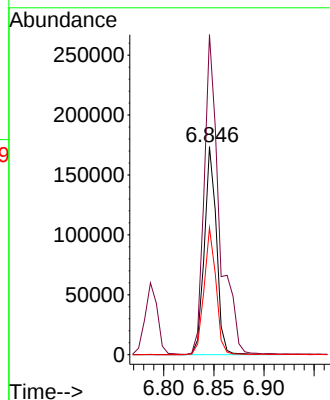
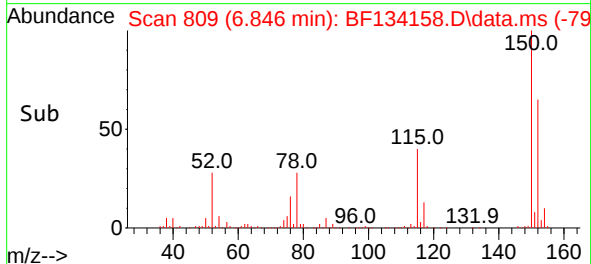


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF134158.D
Acq: 08 Jul 2023 20:31

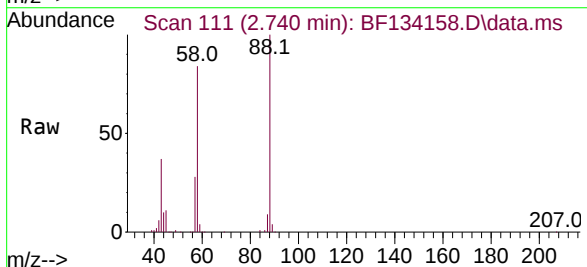
Instrument :
BNA_F
ClientSampleId :



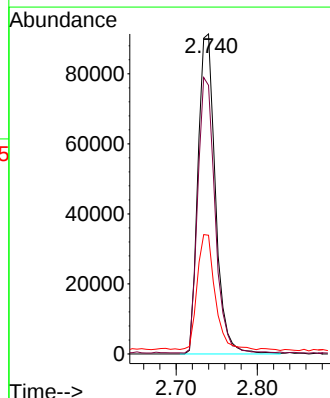
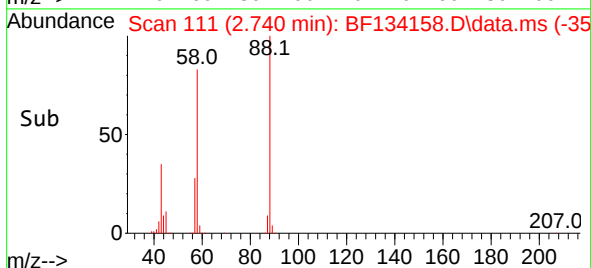
Tgt Ion:152 Resp: 146935
Ion Ratio Lower Upper
152 100
150 153.8 124.5 186.7
115 61.0 50.2 75.2

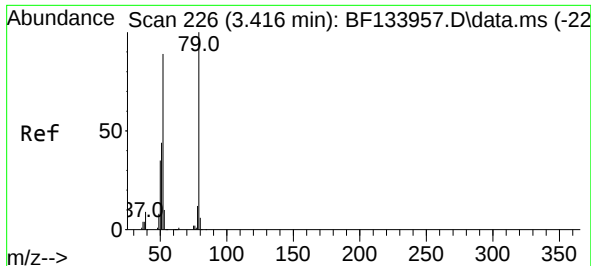


#2
1,4-Dioxane
Concen: 37.642 ng
RT: 2.740 min Scan# 111
Delta R.T. 0.094 min
Lab File: BF134158.D
Acq: 08 Jul 2023 20:31



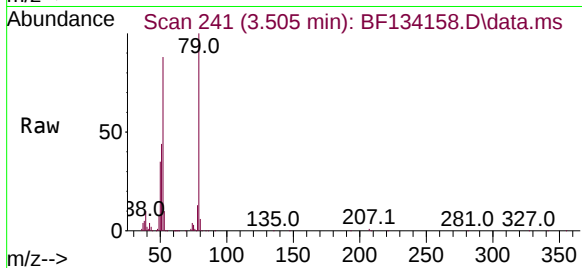
Tgt Ion: 88 Resp: 136335
Ion Ratio Lower Upper
88 100
58 85.2 68.8 103.2
43 36.7 30.7 46.1





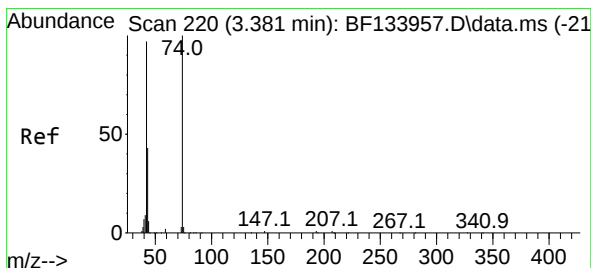
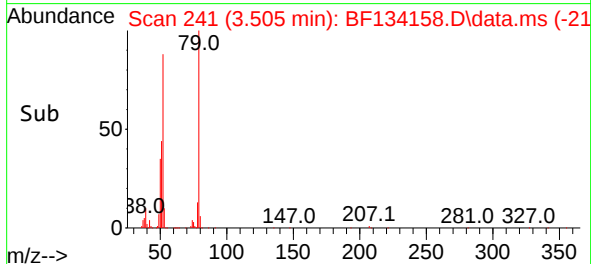
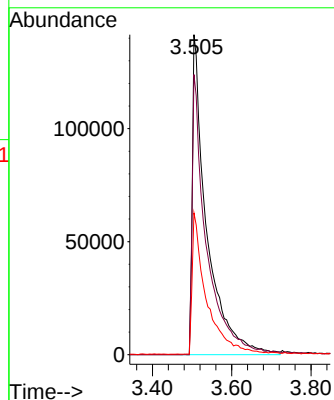
#3
Pyridine
Concen: 37.712 ng
RT: 3.505 min Scan# 241
Delta R.T. 0.071 min
Lab File: BF134158.D
Acq: 08 Jul 2023 20:31

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 79 Resp: 355781

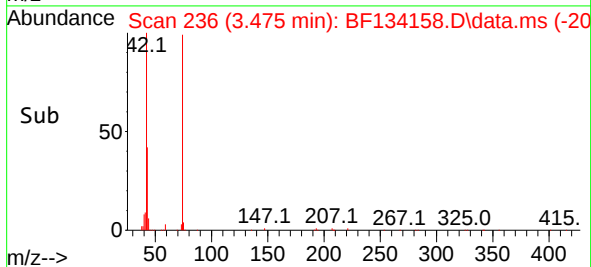
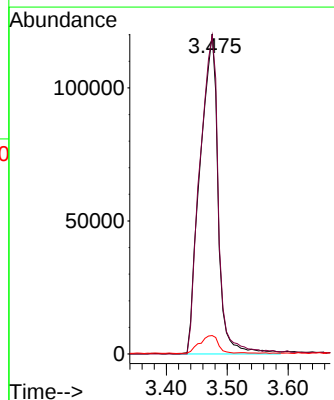
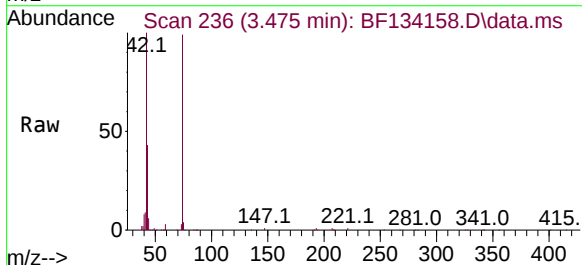
Ion	Ratio	Lower	Upper
79	100		
52	87.5	71.1	106.7
51	44.3	35.2	52.8

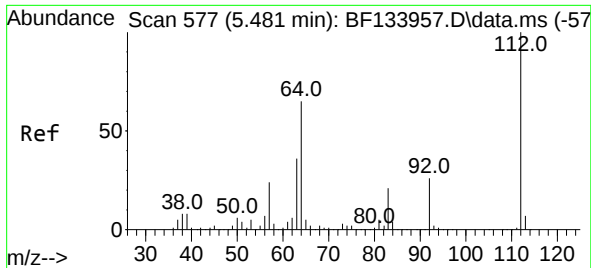


#4
n-Nitrosodimethylamine
Concen: 46.012 ng
RT: 3.475 min Scan# 236
Delta R.T. 0.071 min
Lab File: BF134158.D
Acq: 08 Jul 2023 20:31

Tgt Ion: 42 Resp: 247920

Ion	Ratio	Lower	Upper
42	100		
74	99.5	82.4	123.6
44	5.8	4.9	7.3

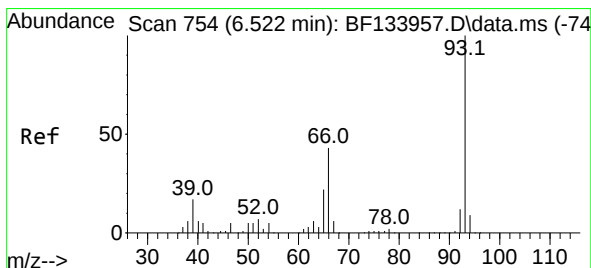
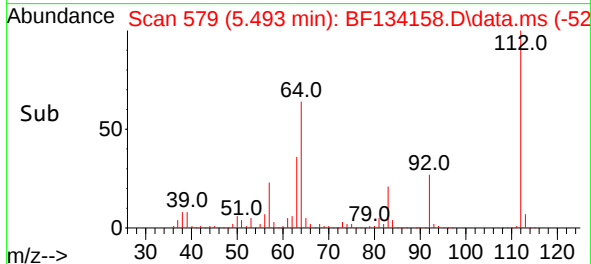
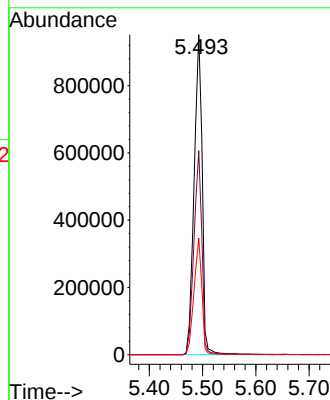
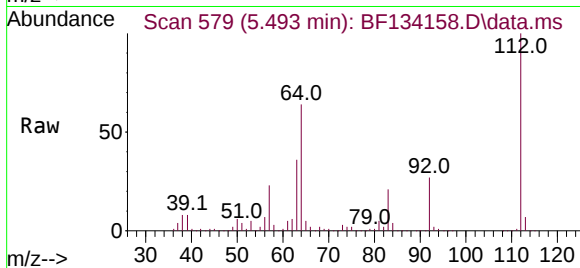




#5
2-Fluorophenol
Concen: 115.054 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF134158.D
Acq: 08 Jul 2023 20:31

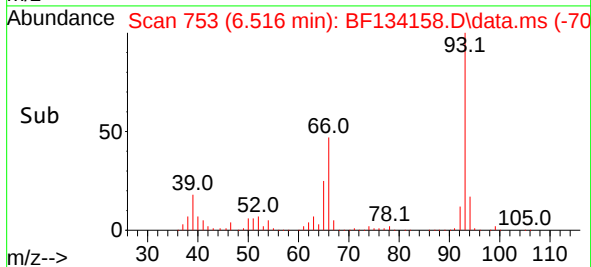
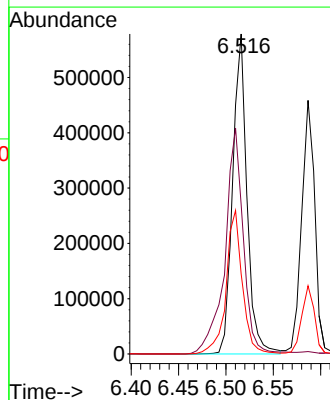
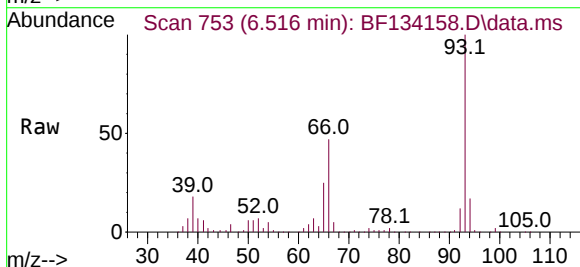
Instrument :
BNA_F
ClientSampleId :

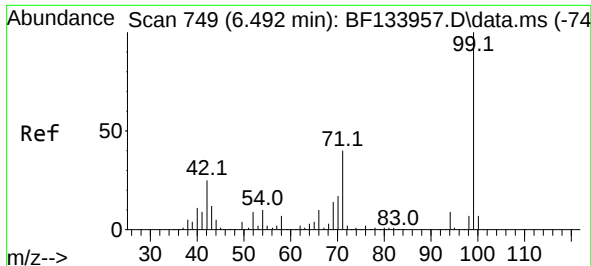
Tgt Ion:112 Resp: 1010628
Ion Ratio Lower Upper
112 100
64 63.8 52.1 78.1
63 36.4 28.6 42.8



#6
Aniline
Concen: 46.140 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF134158.D
Acq: 08 Jul 2023 20:31

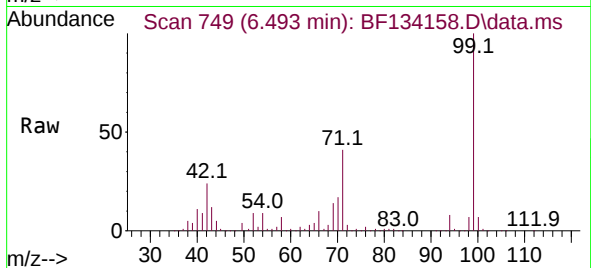
Tgt Ion: 93 Resp: 606518
Ion Ratio Lower Upper
93 100
66 46.6 34.5 51.7
65 25.0 17.8 26.6





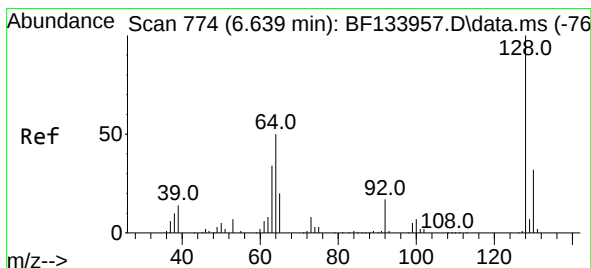
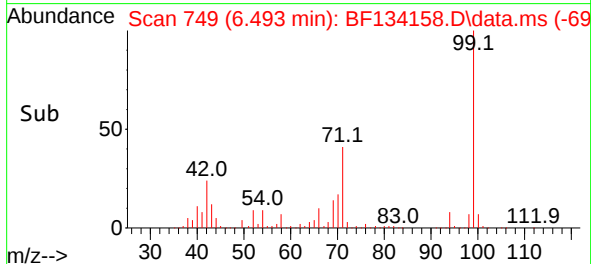
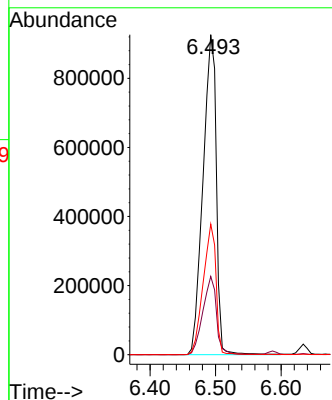
#7
Phenol-d6
Concen: 121.411 ng
RT: 6.493 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF134158.D
Acq: 08 Jul 2023 20:31

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 99 Resp: 1311547

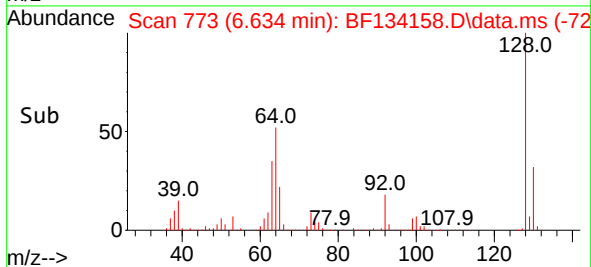
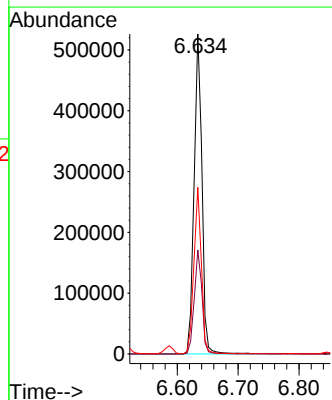
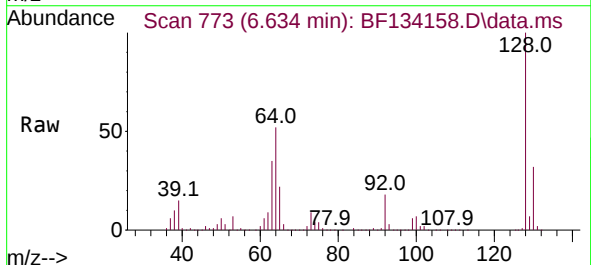
Ion	Ratio	Lower	Upper
99	100		
42	24.4	19.8	29.6
71	40.8	31.9	47.9

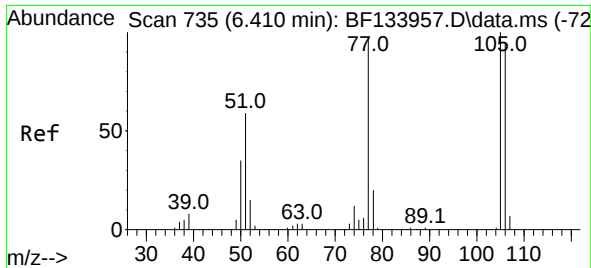


#8
2-Chlorophenol
Concen: 53.125 ng
RT: 6.634 min Scan# 773
Delta R.T. -0.006 min
Lab File: BF134158.D
Acq: 08 Jul 2023 20:31

Tgt Ion:128 Resp: 473703

Ion	Ratio	Lower	Upper
128	100		
130	32.5	11.7	51.7
64	52.0	31.3	71.3

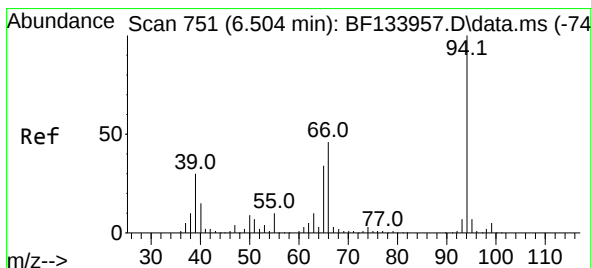
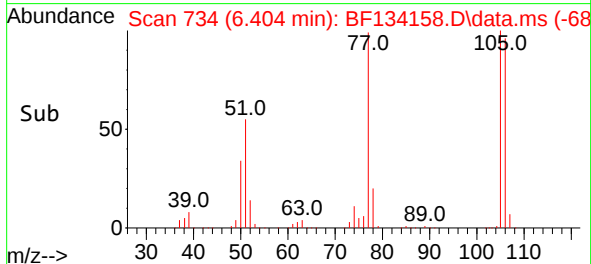
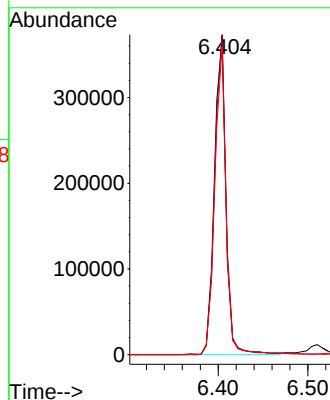
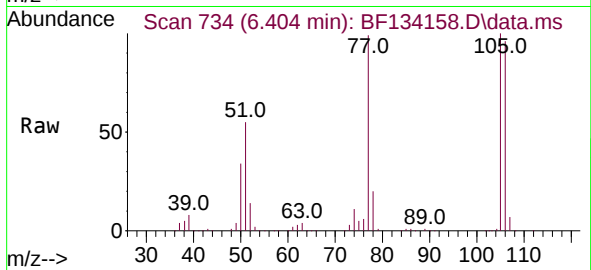




#9
Benzaldehyde
Concen: 67.055 ng
RT: 6.404 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134158.D
Acq: 08 Jul 2023 20:31

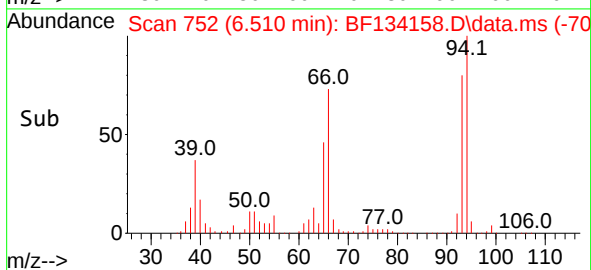
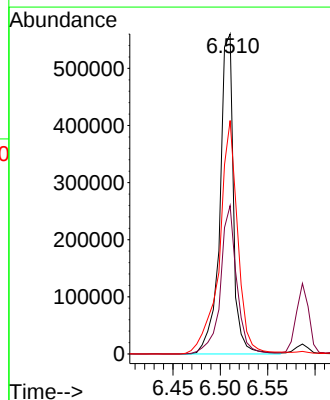
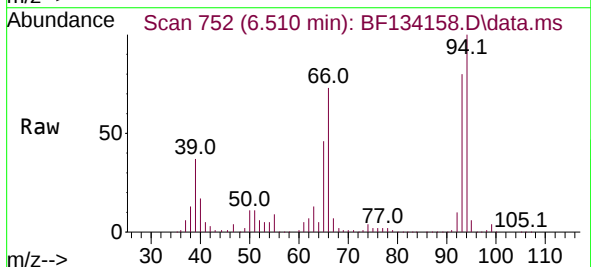
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ClientSampleId :

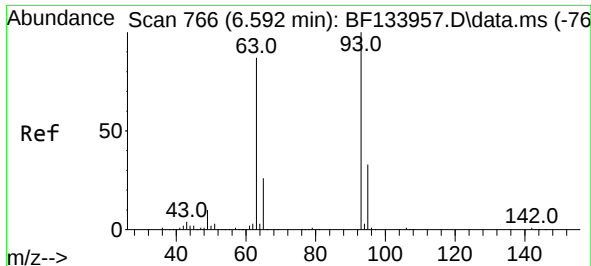
Tgt Ion: 77 Resp: 330503
Ion Ratio Lower Upper
77 100
105 100.5 82.0 122.0
106 96.7 76.9 116.9



#10
Phenol
Concen: 49.257 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF134158.D
Acq: 08 Jul 2023 20:31

Tgt Ion: 94 Resp: 559467
Ion Ratio Lower Upper
94 100
65 46.3 14.2 54.2
66 72.9 26.4 66.4#

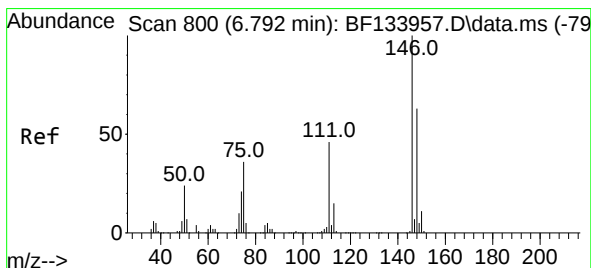
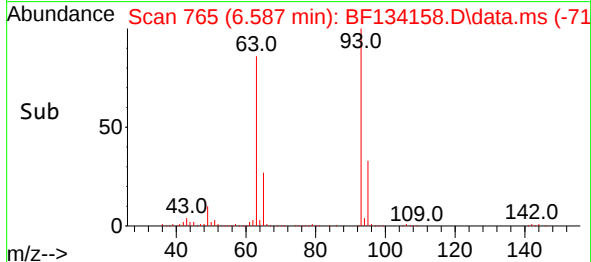
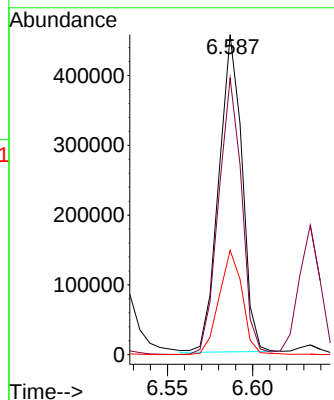
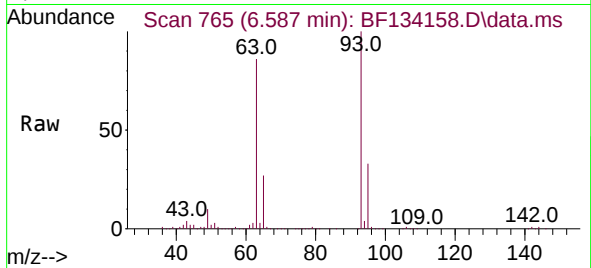




#11
bis(2-Chloroethyl)ether
Concen: 51.536 ng
RT: 6.587 min Scan# 709
Delta R.T. -0.006 min
Lab File: BF134158.D
Acq: 08 Jul 2023 20:31

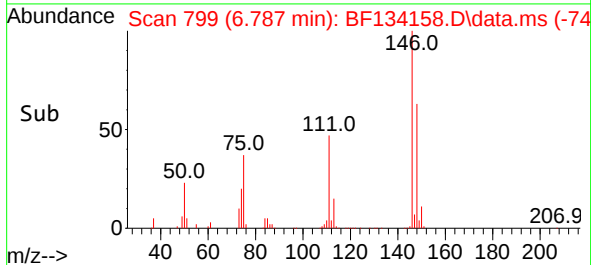
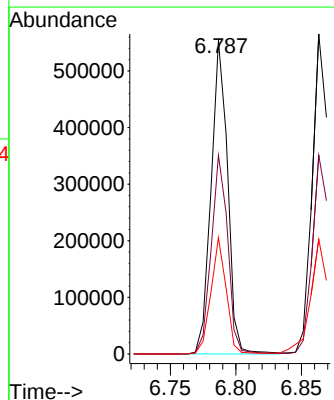
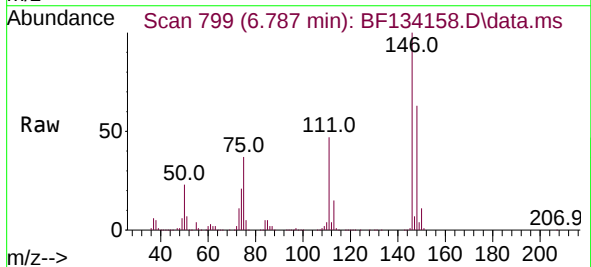
Instrument :
BNA_F
ClientSampleId :

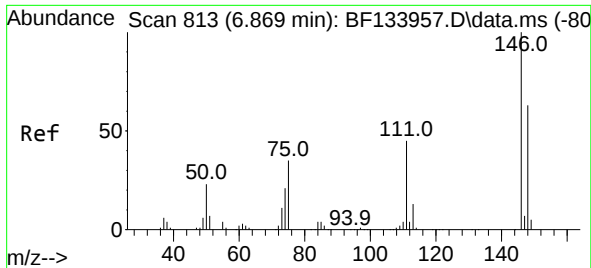
Tgt Ion: 93 Resp: 430943
Ion Ratio Lower Upper
93 100
63 86.5 66.5 106.5
95 32.6 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 51.050 ng
RT: 6.787 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF134158.D
Acq: 08 Jul 2023 20:31

Tgt Ion:146 Resp: 485295
Ion Ratio Lower Upper
146 100
148 63.4 50.5 75.7
75 37.1 29.0 43.6

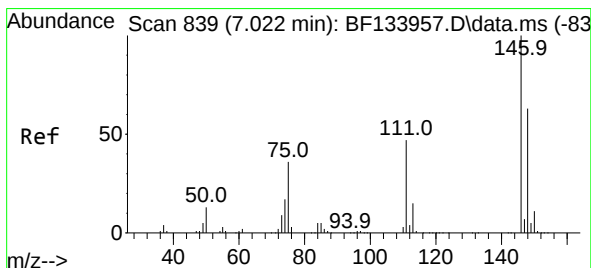
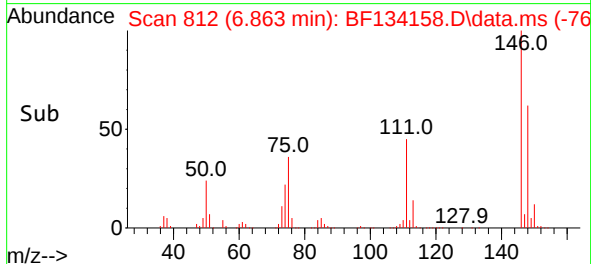
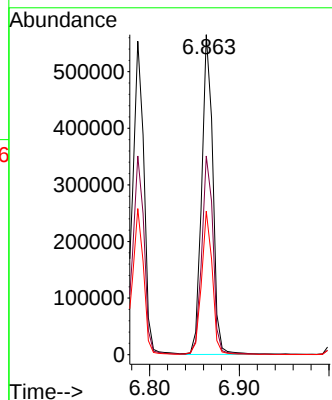
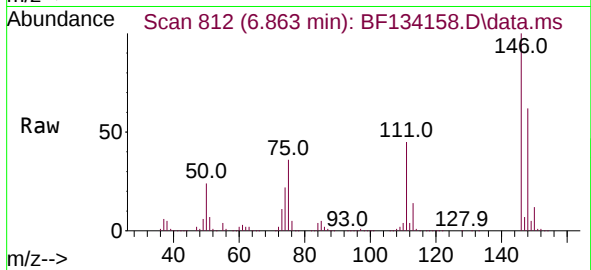




#13
1,4-Dichlorobenzene
Concen: 50.660 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF134158.D
Acq: 08 Jul 2023 20:31

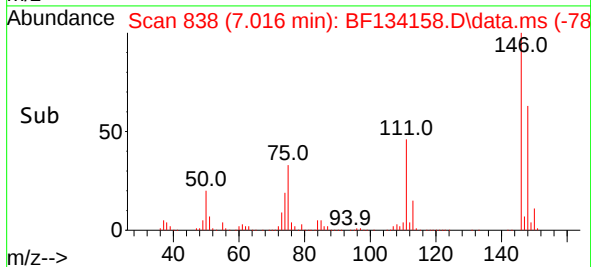
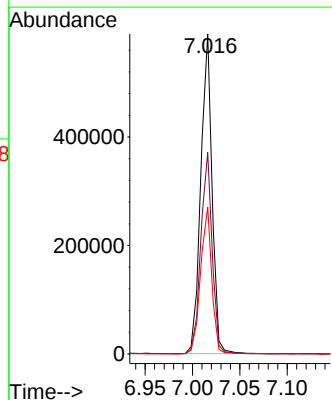
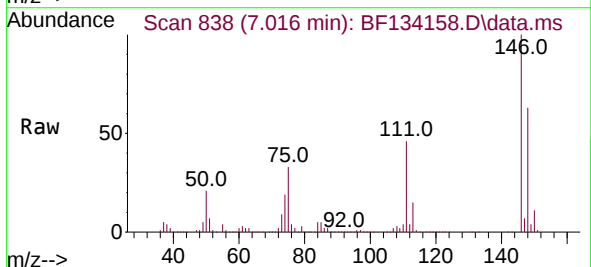
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:146 Resp: 486425
Ion Ratio Lower Upper
146 100
148 62.1 50.2 75.2
111 44.9 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 54.292 ng
RT: 7.016 min Scan# 838
Delta R.T. -0.006 min
Lab File: BF134158.D
Acq: 08 Jul 2023 20:31

Tgt Ion:146 Resp: 488225
Ion Ratio Lower Upper
146 100
148 63.0 50.6 76.0
111 45.9 38.0 57.0

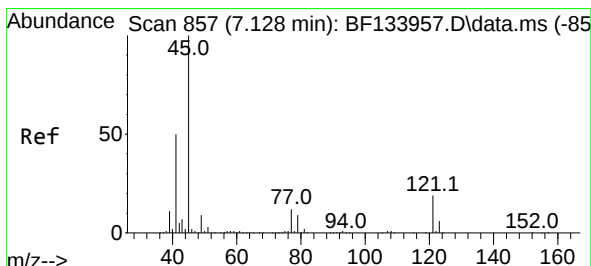
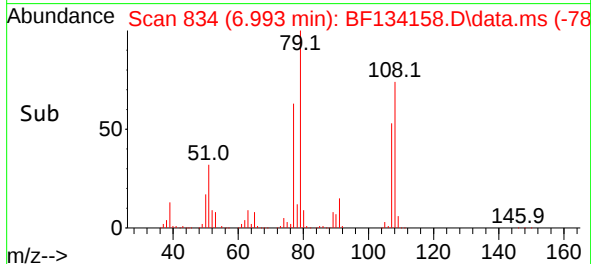
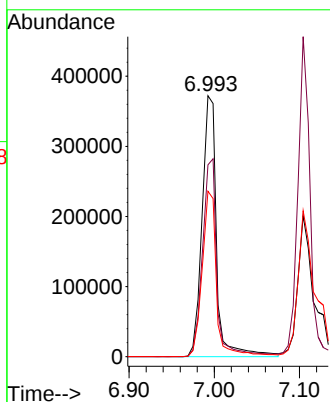
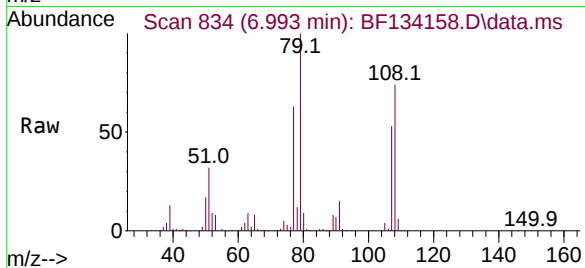




#15
Benzyl Alcohol
Concen: 52.813 ng
RT: 6.993 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134158.D
Acq: 08 Jul 2023 20:31

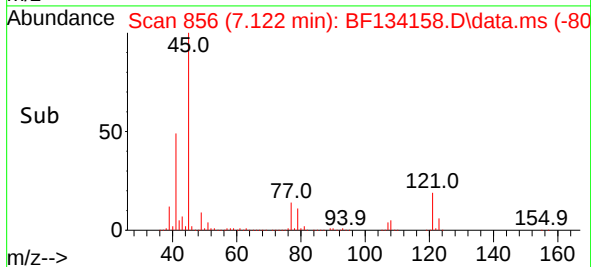
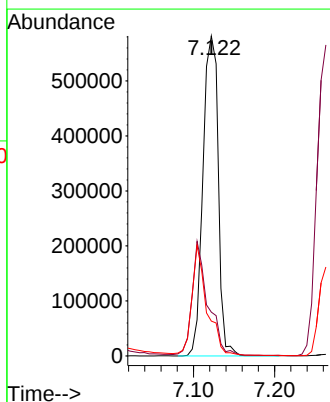
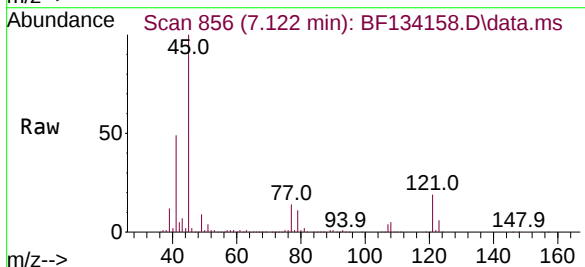
Instrument :
BNA_F
ClientSampleId :

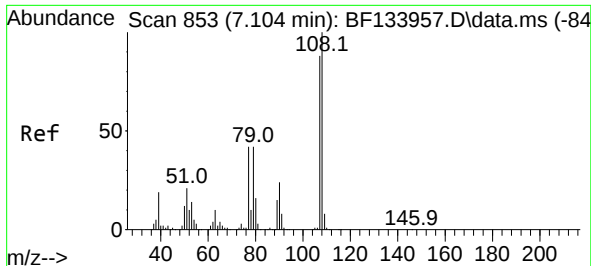
Tgt Ion: 79 Resp: 439813
Ion Ratio Lower Upper
79 100
108 73.5 60.7 91.1
77 63.4 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.433 ng
RT: 7.122 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF134158.D
Acq: 08 Jul 2023 20:31

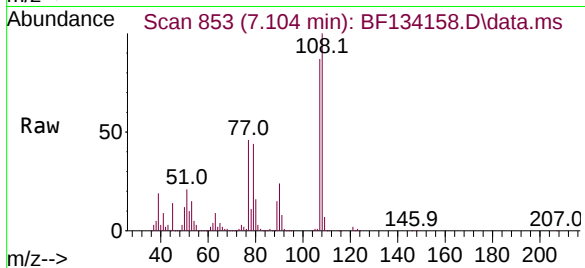
Tgt Ion: 45 Resp: 760873
Ion Ratio Lower Upper
45 100
77 13.7 0.0 32.9
79 10.9 0.0 29.5



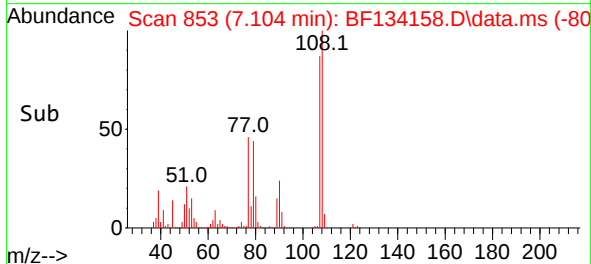
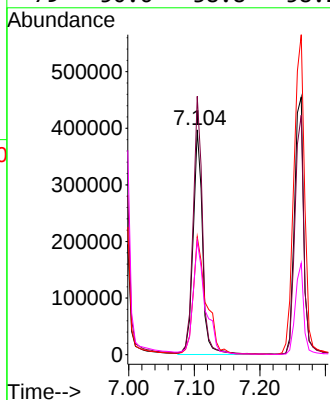


#17
2-Methylphenol
Concen: 49.890 ng
RT: 7.104 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134158.D
Acq: 08 Jul 2023 20:31

Instrument :
BNA_F
ClientSampleId :

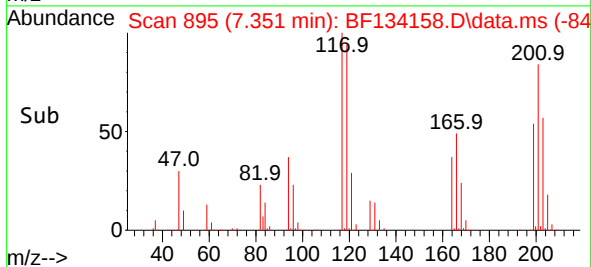
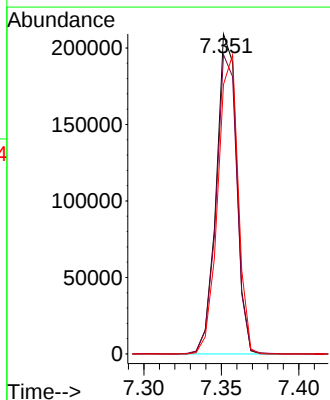
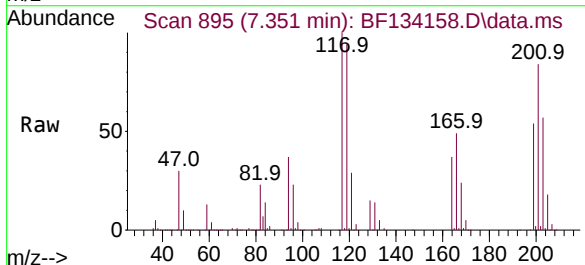


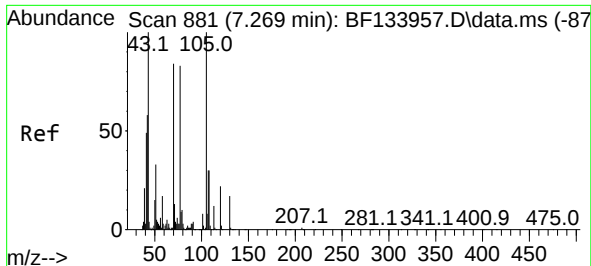
Tgt Ion:107 Resp: 398361
Ion Ratio Lower Upper
107 100
108 114.9 90.6 136.0
77 52.4 38.3 57.5
79 50.6 38.8 58.2



#18
Hexachloroethane
Concen: 53.691 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF134158.D
Acq: 08 Jul 2023 20:31

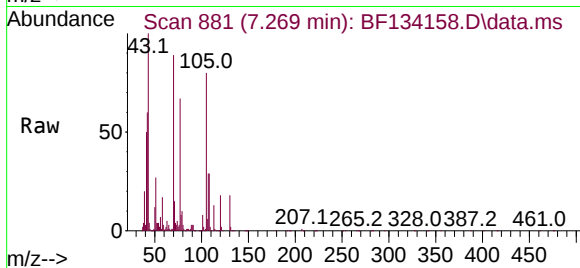
Tgt Ion:117 Resp: 191154
Ion Ratio Lower Upper
117 100
119 93.5 74.2 111.4
201 84.2 77.2 115.8



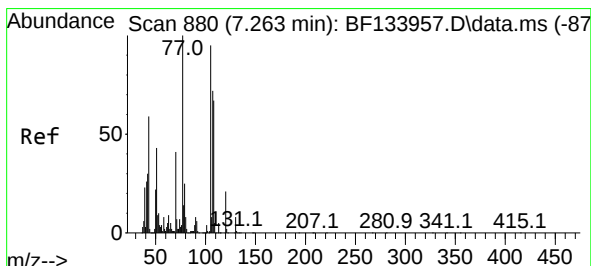
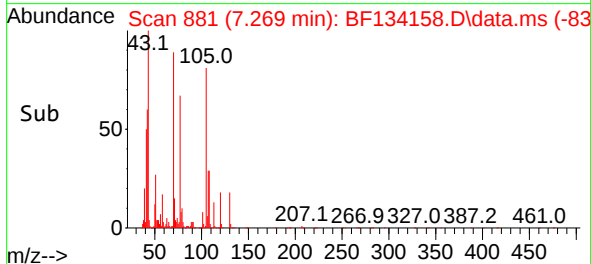
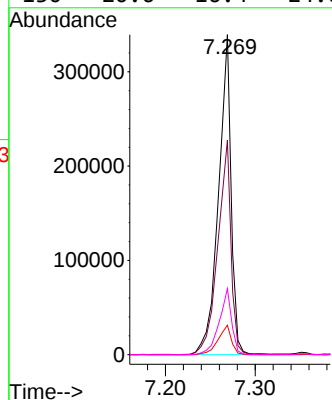


#19
n-Nitroso-di-n-propylamine
Concen: 48.469 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF134158.D
Acq: 08 Jul 2023 20:31

Instrument :
BNA_F
ClientSampleId :

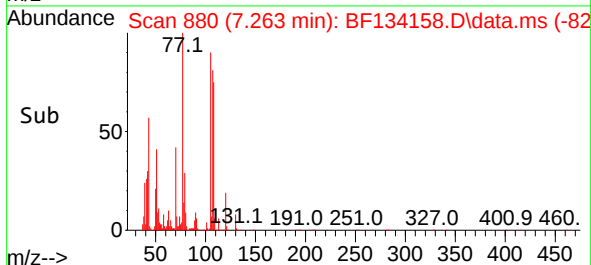
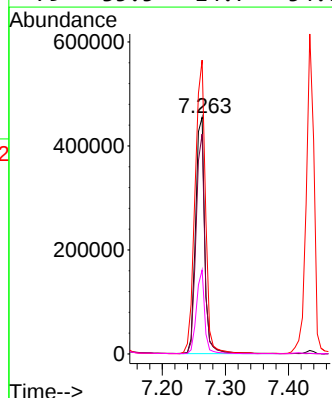
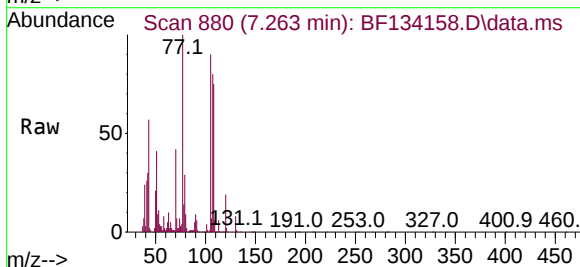


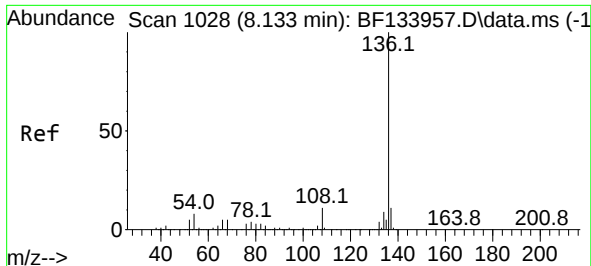
Tgt Ion	Ratio	Lower	Upper
70	100		
42	67.1	54.7	82.1
101	9.2	7.7	11.5
130	20.6	16.4	24.6



#20
3+4-Methylphenols
Concen: 46.948 ng
RT: 7.263 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF134158.D
Acq: 08 Jul 2023 20:31

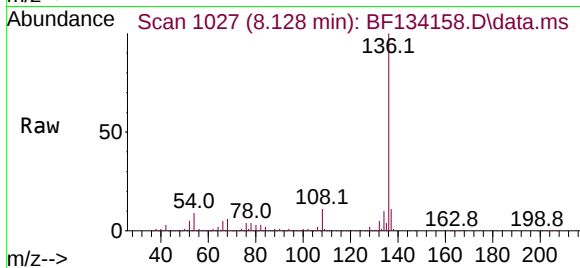
Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.0	73.2	113.2
77	124.2	118.3	158.3
79	35.5	14.7	54.7



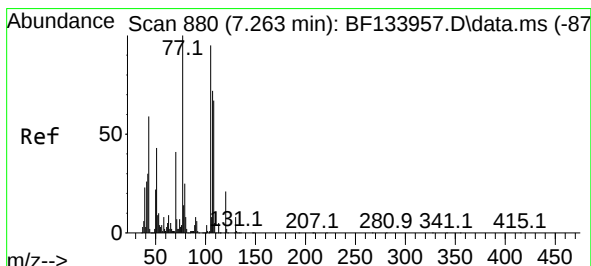
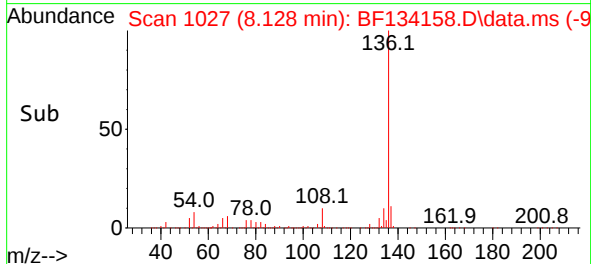
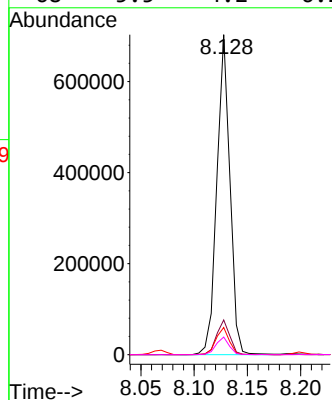


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF134158.D
Acq: 08 Jul 2023 20:31

Instrument :
BNA_F
ClientSampleId :

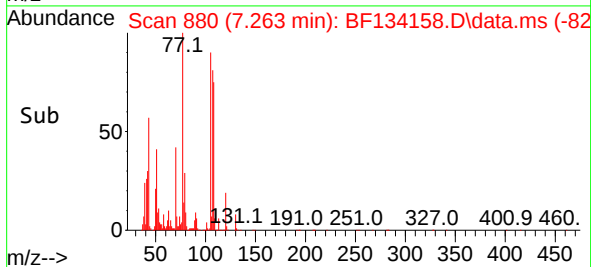
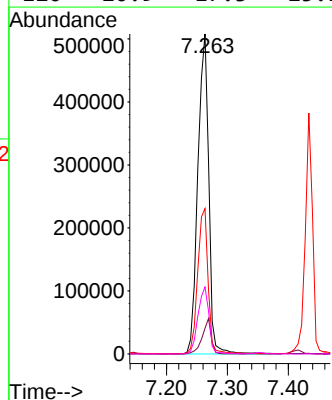
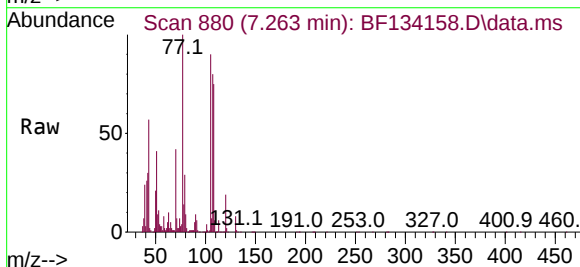


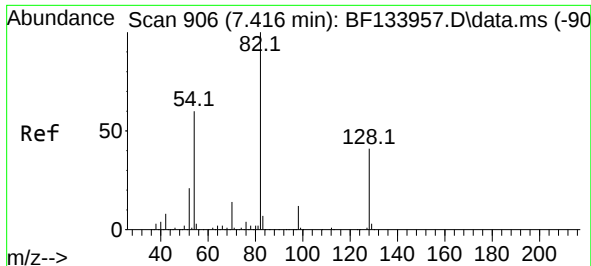
Tgt Ion:136 Resp: 600336
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 8.5 6.5 9.7
68 5.5 4.2 6.2



#22
Acetophenone
Concen: 46.294 ng
RT: 7.263 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF134158.D
Acq: 08 Jul 2023 20:31

Tgt Ion:105 Resp: 632062
Ion Ratio Lower Upper
105 100
71 8.0 5.5 8.3
51 45.5 36.5 54.7
120 20.9 17.3 25.9





#23

Nitrobenzene-d5

Concen: 79.390 ng

RT: 7.416 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF134158.D

Acq: 08 Jul 2023 20:31

Instrument :

BNA_F

ClientSampleId :

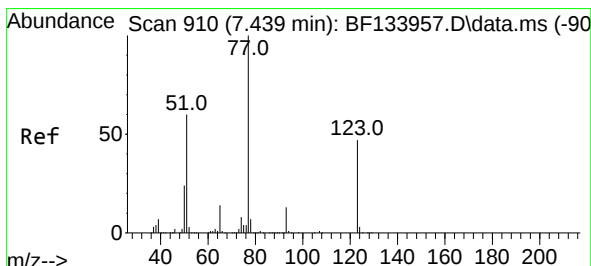
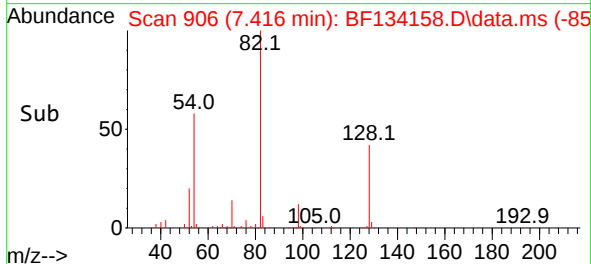
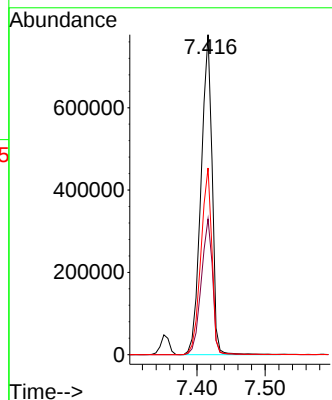
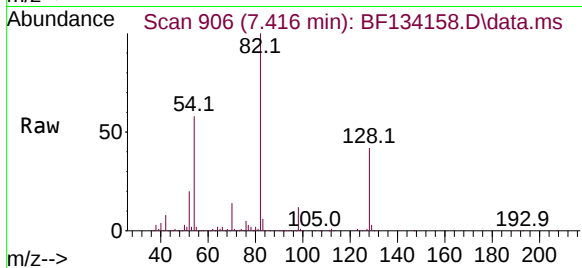
Tgt Ion: 82 Resp: 884155

Ion Ratio Lower Upper

82 100

128 42.5 32.5 48.7

54 58.3 48.2 72.2



#24

Nitrobenzene

Concen: 46.620 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF134158.D

Acq: 08 Jul 2023 20:31

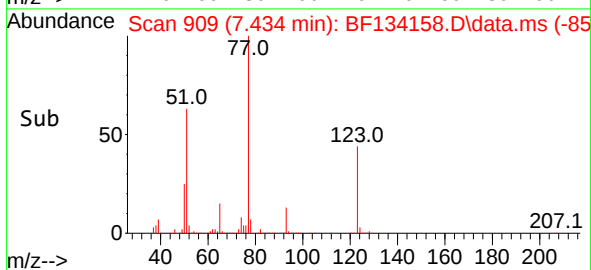
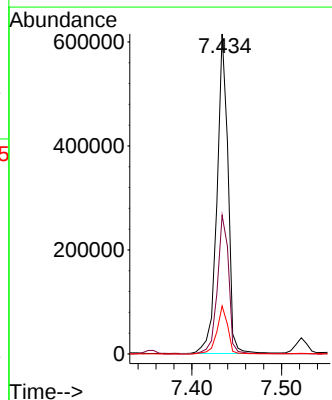
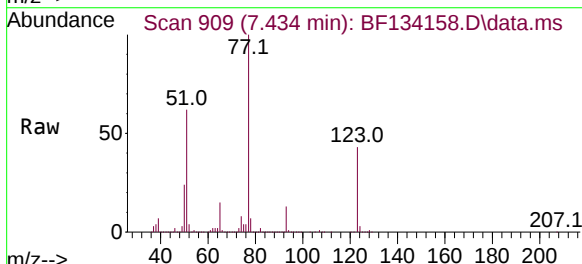
Tgt Ion: 77 Resp: 524663

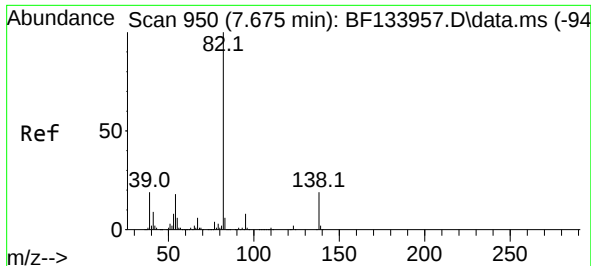
Ion Ratio Lower Upper

77 100

123 43.4 37.8 56.6

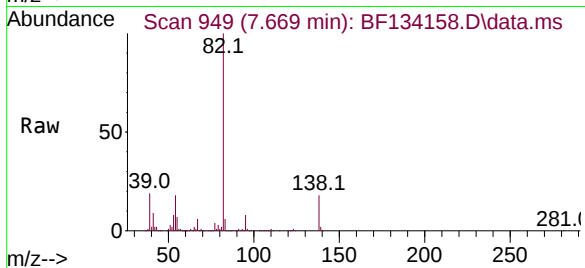
65 15.0 11.3 16.9



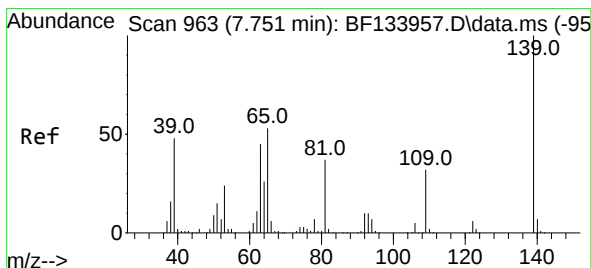
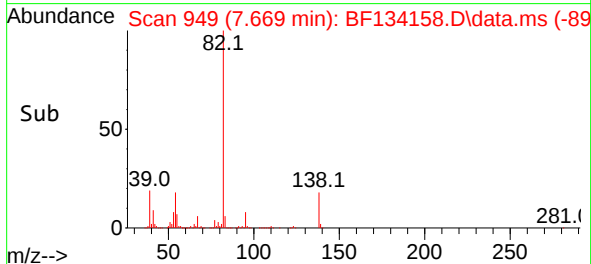
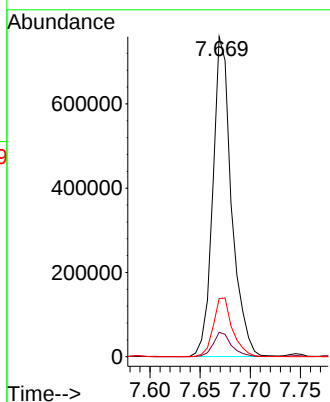


#25
Isophorone
Concen: 48.657 ng
RT: 7.669 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF134158.D
Acq: 08 Jul 2023 20:31

Instrument :
BNA_F
ClientSampleId :

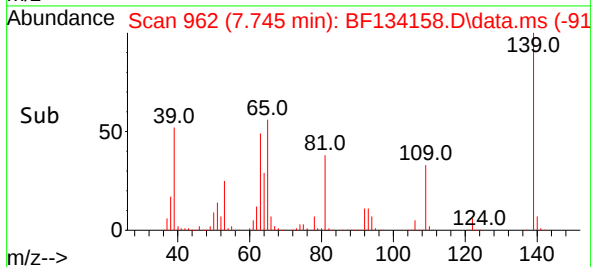
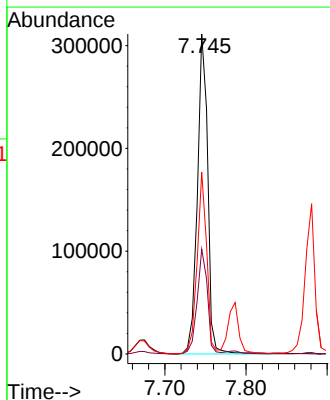
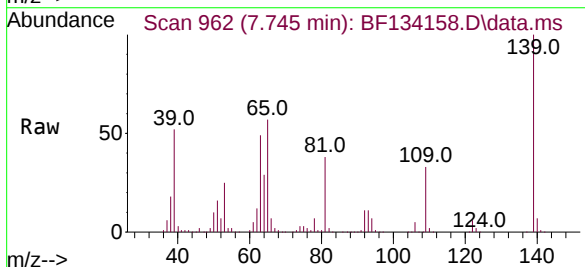


Tgt Ion: 82 Resp: 984835
Ion Ratio Lower Upper
82 100
95 7.6 6.1 9.1
138 18.1 15.2 22.8



#26
2-Nitrophenol
Concen: 51.466 ng
RT: 7.745 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF134158.D
Acq: 08 Jul 2023 20:31

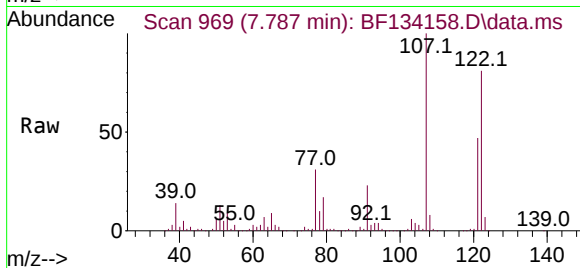
Tgt Ion: 139 Resp: 277854
Ion Ratio Lower Upper
139 100
109 32.7 25.8 38.8
65 56.8 42.4 63.6



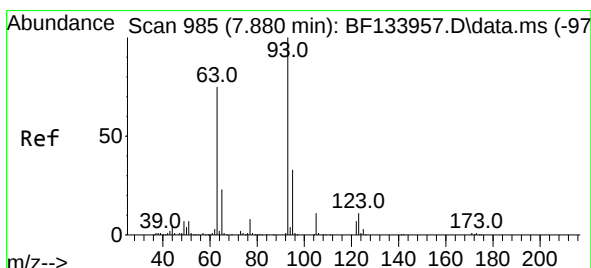
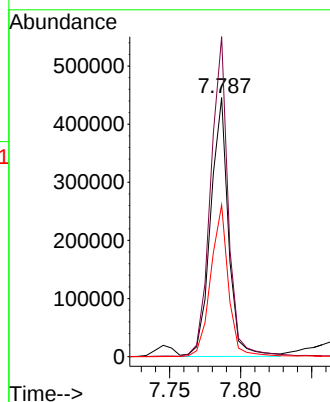
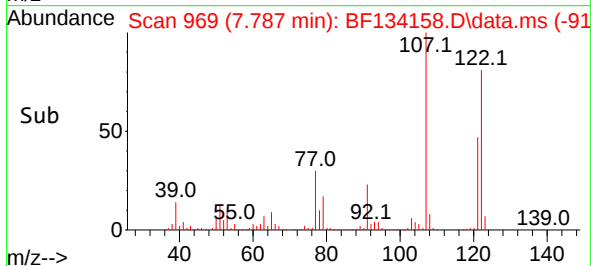


#27
2,4-Dimethylphenol
Concen: 45.673 ng
RT: 7.787 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF134158.D
Acq: 08 Jul 2023 20:31

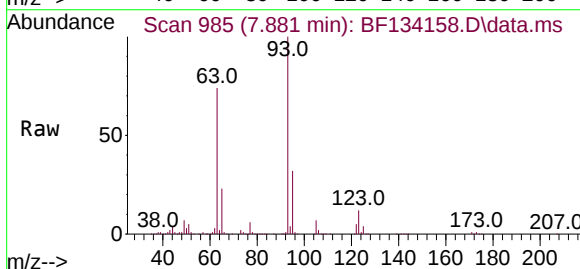
Instrument :
BNA_F
ClientSampleId :



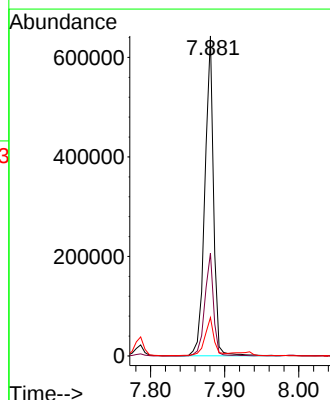
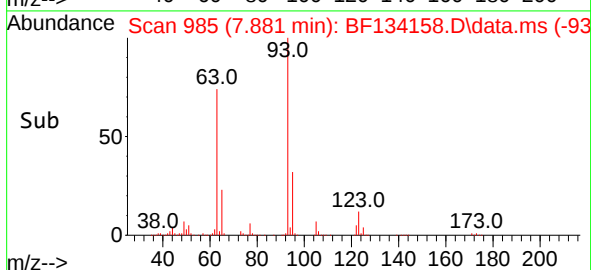
Tgt Ion:122 Resp: 390310
Ion Ratio Lower Upper
122 100
107 123.5 95.5 143.3
121 58.5 45.5 68.3

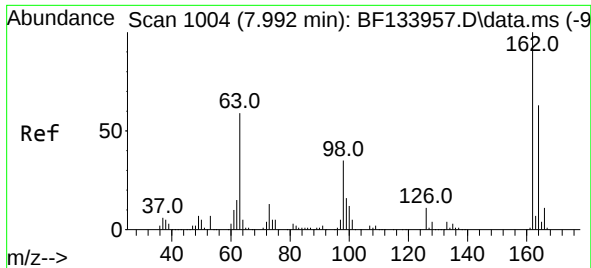


#28
bis(2-Chloroethoxy)methane
Concen: 44.802 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.000 min
Lab File: BF134158.D
Acq: 08 Jul 2023 20:31



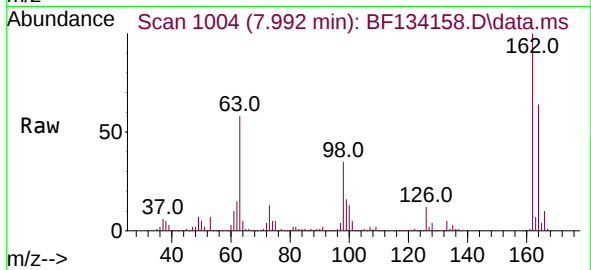
Tgt Ion: 93 Resp: 525067
Ion Ratio Lower Upper
93 100
95 32.2 26.5 39.7
123 12.0 9.1 13.7



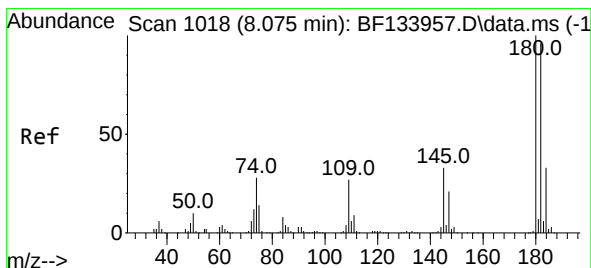
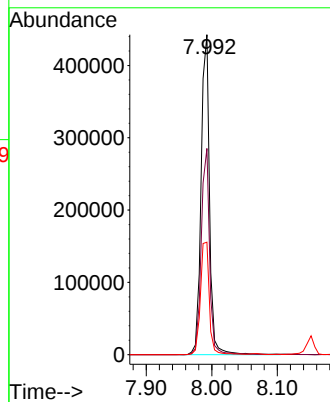
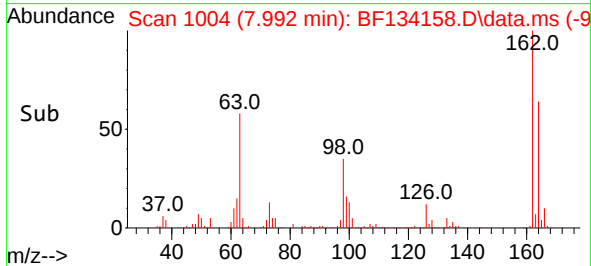


#29
2,4-Dichlorophenol
Concen: 46.820 ng
RT: 7.992 min Scan# 1004
Delta R.T. 0.000 min
Lab File: BF134158.D
Acq: 08 Jul 2023 20:31

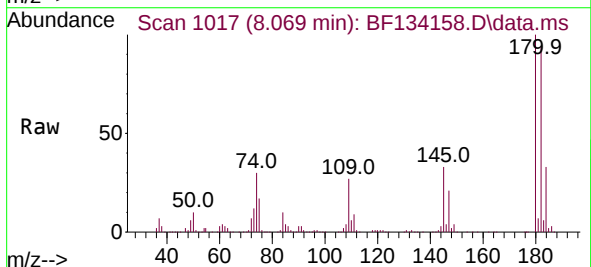
Instrument :
BNA_F
ClientSampleId :



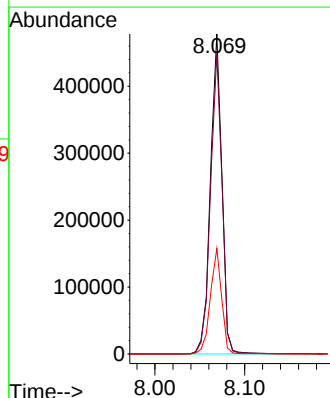
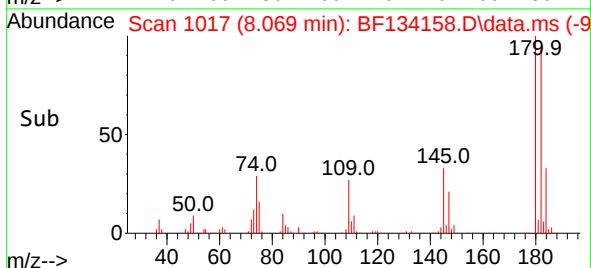
Tgt Ion:162 Resp: 396760
Ion Ratio Lower Upper
162 100
164 64.4 43.2 83.2
98 35.1 14.9 54.9

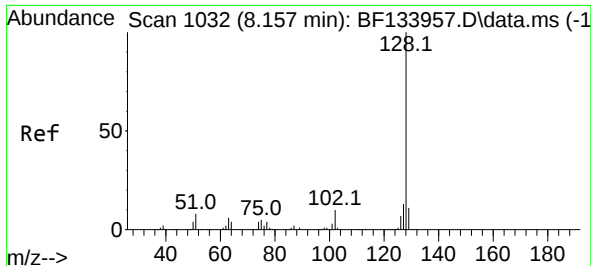


#30
1,2,4-Trichlorobenzene
Concen: 48.596 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF134158.D
Acq: 08 Jul 2023 20:31



Tgt Ion:180 Resp: 424923
Ion Ratio Lower Upper
180 100
182 93.8 77.1 115.7
145 33.0 26.0 39.0

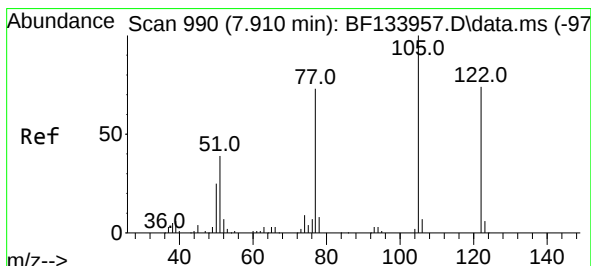
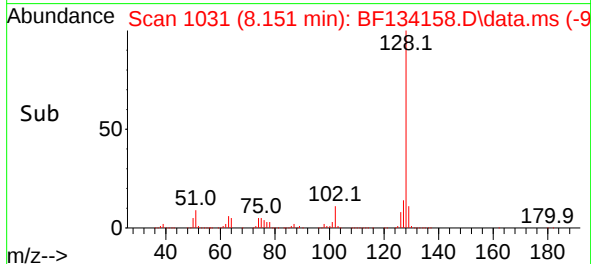
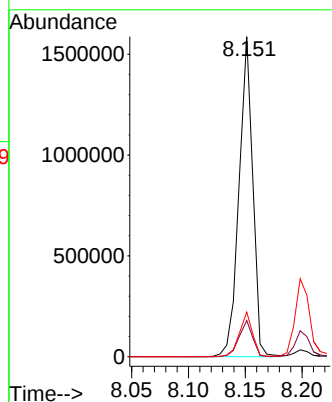
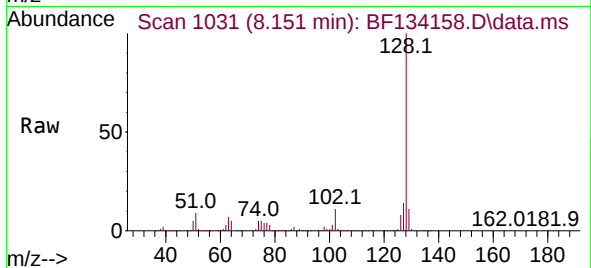




#31
Naphthalene
Concen: 45.969 ng
RT: 8.151 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF134158.D
Acq: 08 Jul 2023 20:31

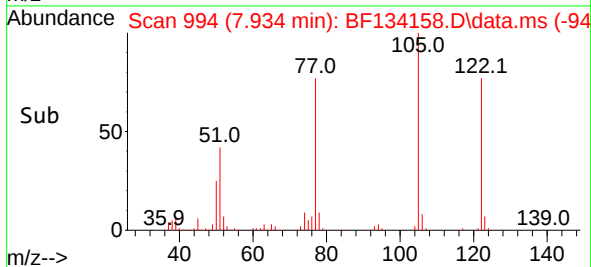
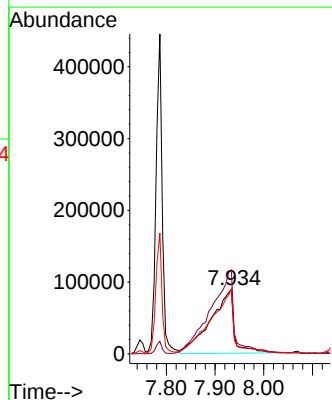
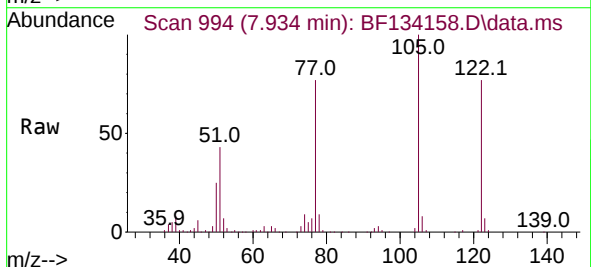
Instrument :
BNA_F
ClientSampleId :

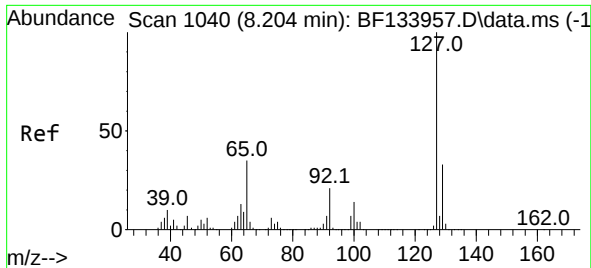
Tgt Ion:128 Resp: 1333008
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.9 10.6 15.8



#32
Benzoic acid
Concen: 47.604 ng
RT: 7.934 min Scan# 994
Delta R.T. 0.018 min
Lab File: BF134158.D
Acq: 08 Jul 2023 20:31

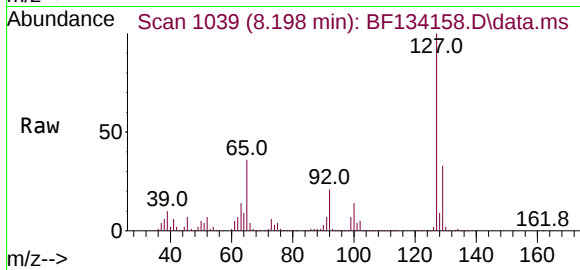
Tgt Ion:122 Resp: 304839
Ion Ratio Lower Upper
122 100
105 130.7 109.7 149.7
77 101.1 76.0 116.0



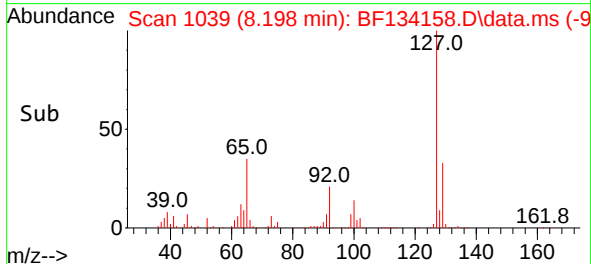
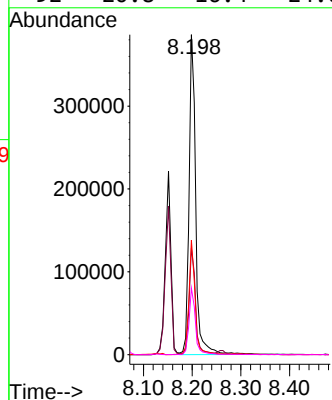


#33
4-Chloroaniline
Concen: 29.450 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF134158.D
Acq: 08 Jul 2023 20:31

Instrument :
BNA_F
ClientSampleId :

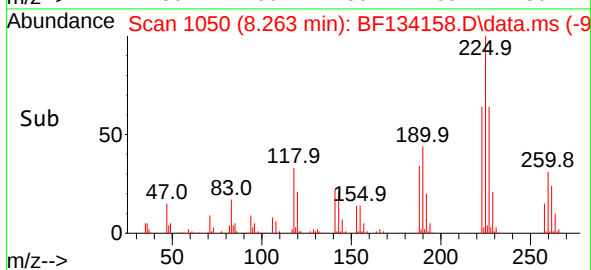
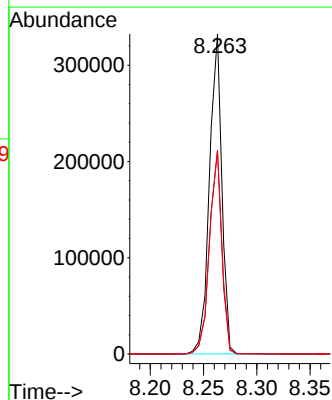
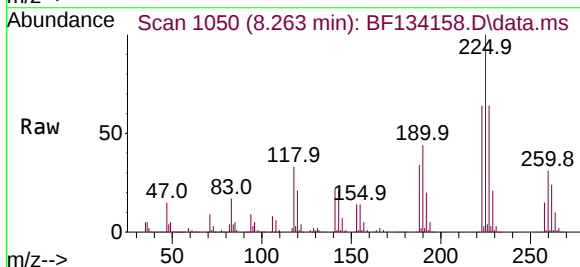


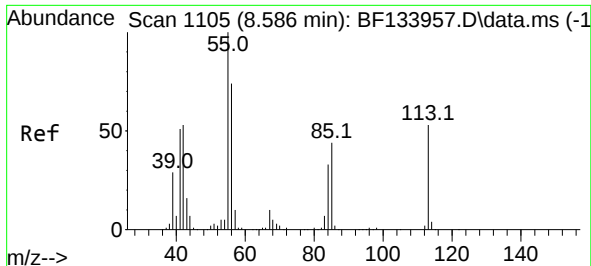
Tgt Ion:	127	Resp:	365302
Ion Ratio	Lower	Upper	
127	100		
129	33.2	26.4	39.6
65	35.8	27.8	41.8
92	20.8	16.4	24.6



#34
Hexachlorobutadiene
Concen: 49.092 ng
RT: 8.263 min Scan# 1050
Delta R.T. 0.000 min
Lab File: BF134158.D
Acq: 08 Jul 2023 20:31

Tgt Ion:	225	Resp:	270777
Ion Ratio	Lower	Upper	
225	100		
223	63.7	49.8	74.8
227	63.6	51.0	76.4

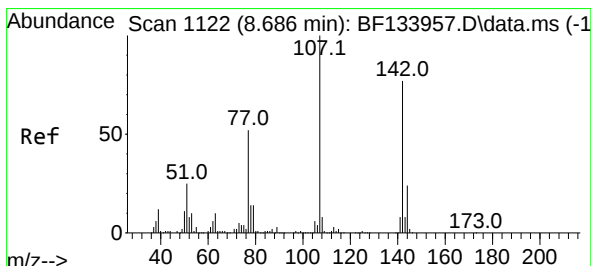
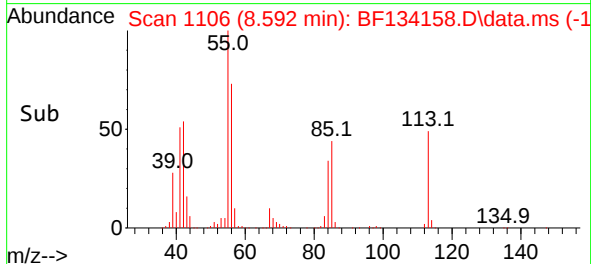
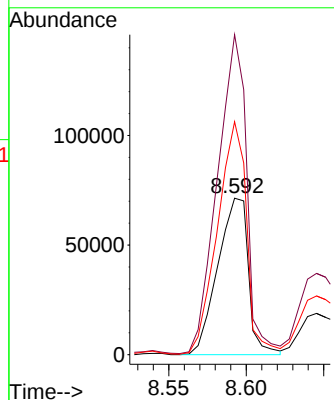
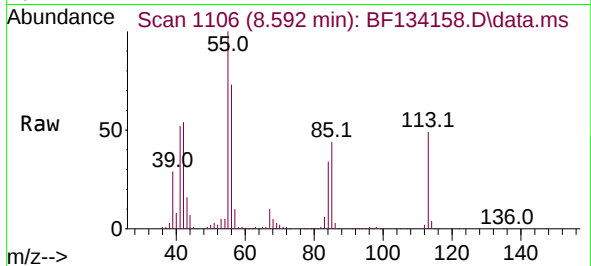




#35
 Caprolactam
 Concen: 35.193 ng
 RT: 8.592 min Scan# 1105
 Delta R.T. 0.000 min
 Lab File: BF134158.D
 Acq: 08 Jul 2023 20:31

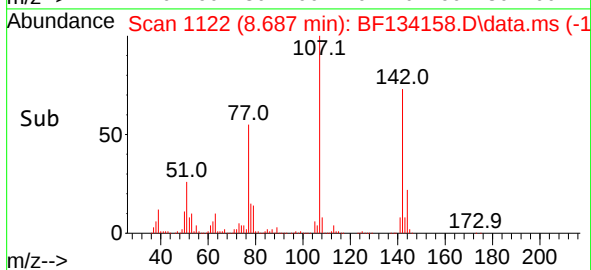
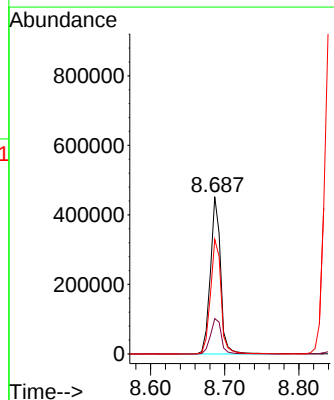
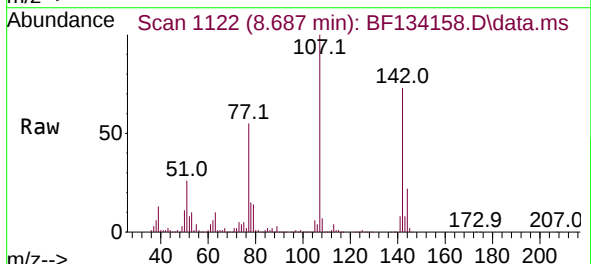
Instrument :
 BNA_F
 ClientSampleId :

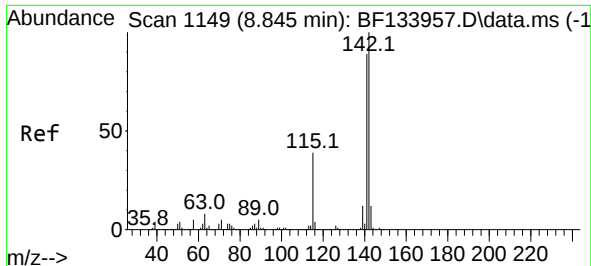
Tgt Ion:113 Resp: 98198
 Ion Ratio Lower Upper
 113 100
 55 204.4 170.2 210.2
 56 148.8 121.4 161.4



#36
 4-Chloro-3-methylphenol
 Concen: 45.511 ng
 RT: 8.687 min Scan# 1122
 Delta R.T. 0.000 min
 Lab File: BF134158.D
 Acq: 08 Jul 2023 20:31

Tgt Ion:107 Resp: 433259
 Ion Ratio Lower Upper
 107 100
 144 22.5 19.6 29.4
 142 72.9 61.4 92.2





#37

2-Methylnaphthalene

Concen: 44.175 ng

RT: 8.839 min Scan# 1148

Delta R.T. -0.006 min

Lab File: BF134158.D

Acq: 08 Jul 2023 20:31

Instrument :

BNA_F

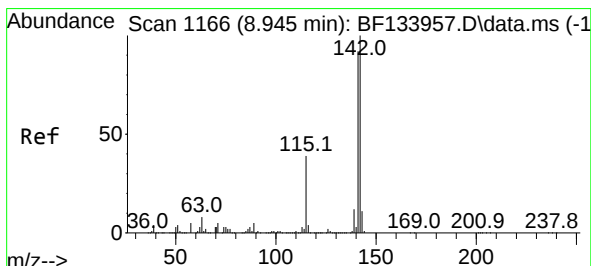
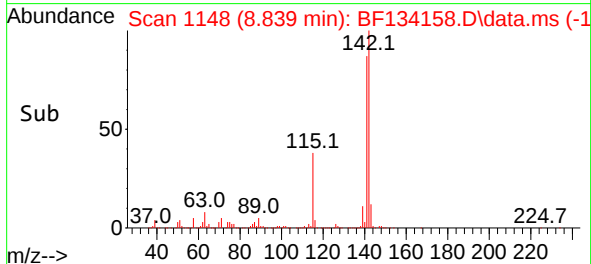
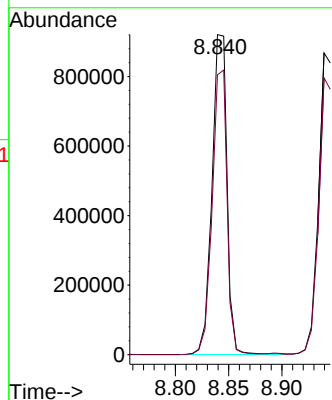
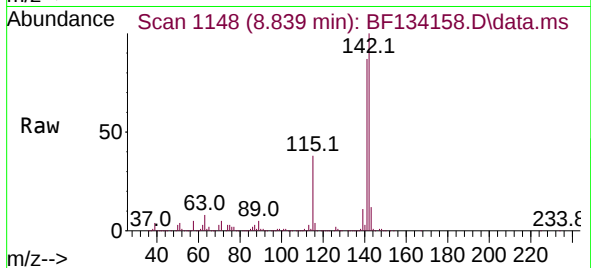
ClientSampleId :

Tgt Ion:142 Resp: 905873

Ion Ratio Lower Upper

142 100

141 87.4 71.0 106.4



#38

1-Methylnaphthalene

Concen: 42.930 ng

RT: 8.939 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF134158.D

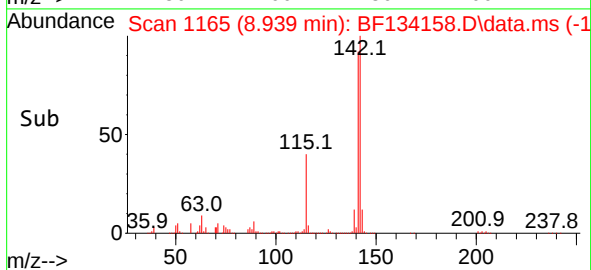
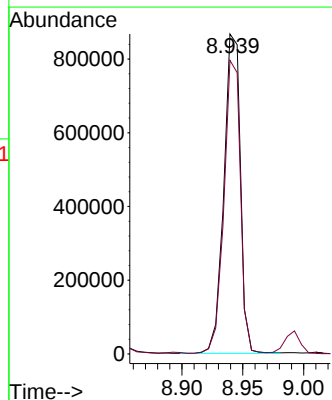
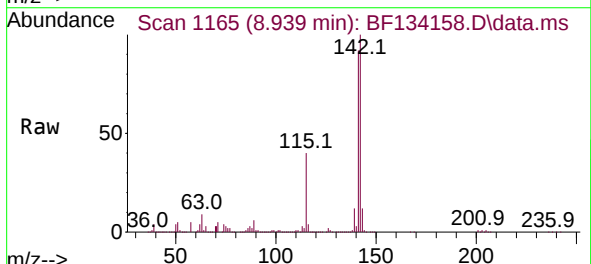
Acq: 08 Jul 2023 20:31

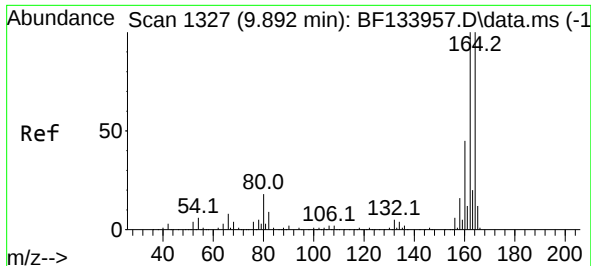
Tgt Ion:142 Resp: 818393

Ion Ratio Lower Upper

142 100

141 91.7 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134158.D

Acq: 08 Jul 2023 20:31

Instrument :

BNA_F

ClientSampleId :

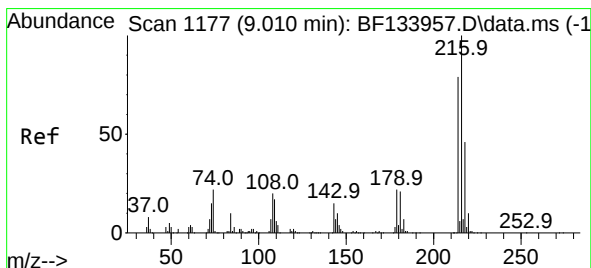
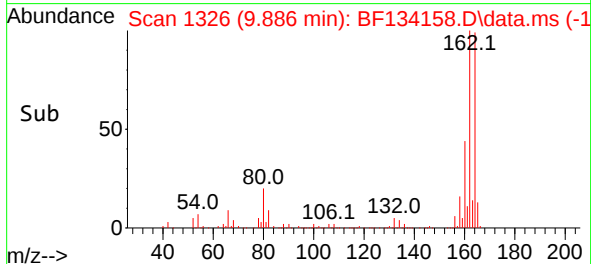
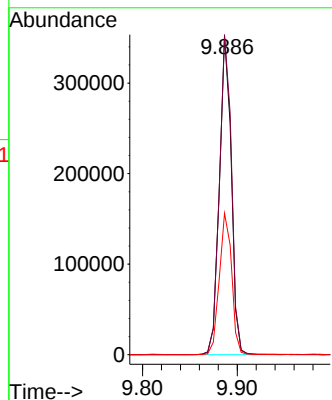
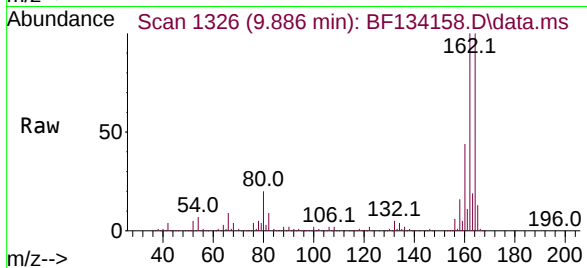
Tgt Ion:164 Resp: 306870

Ion Ratio Lower Upper

164 100

162 100.4 80.0 120.0

160 44.4 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.560 ng

RT: 9.010 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BF134158.D

Acq: 08 Jul 2023 20:31

Tgt Ion:216 Resp: 423303

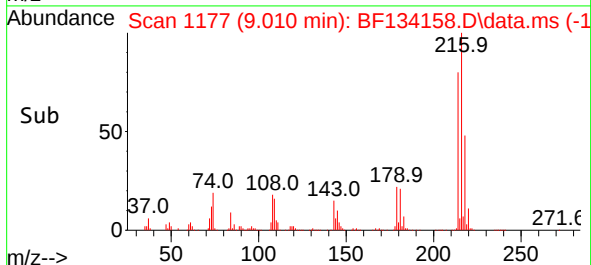
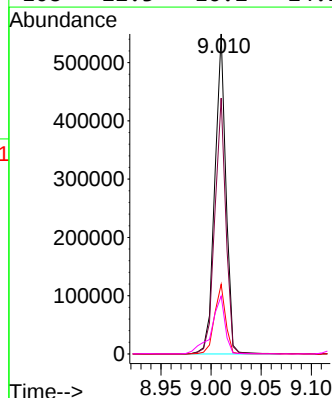
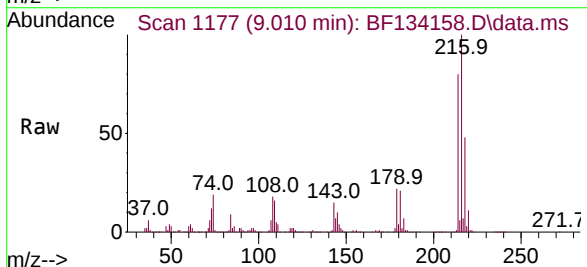
Ion Ratio Lower Upper

216 100

214 79.9 64.1 96.1

179 21.8 17.3 25.9

108 22.3 16.2 24.2

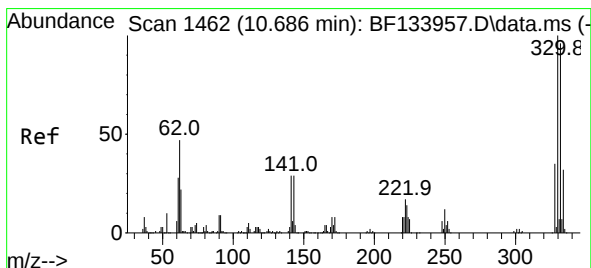
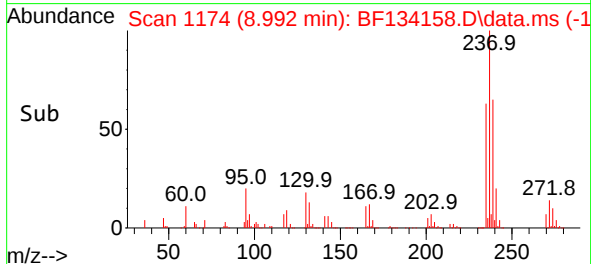
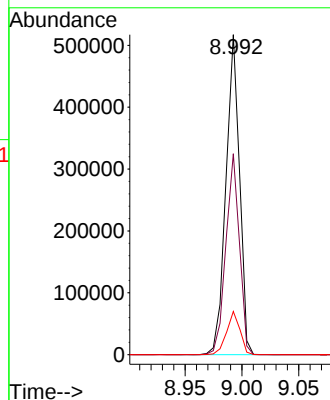
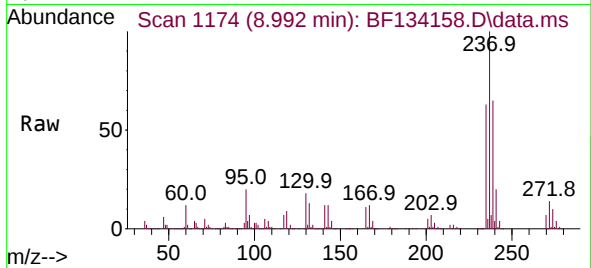




#41
Hexachlorocyclopentadiene
Concen: 99.990 ng
RT: 8.992 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF134158.D
Acq: 08 Jul 2023 20:31

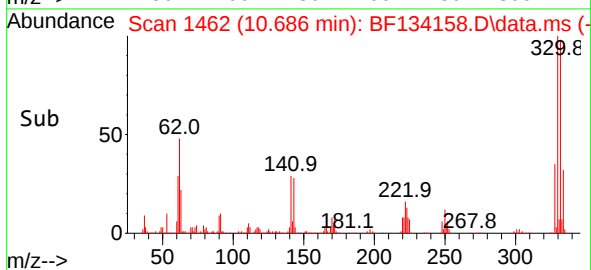
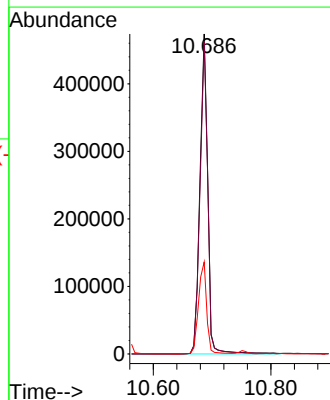
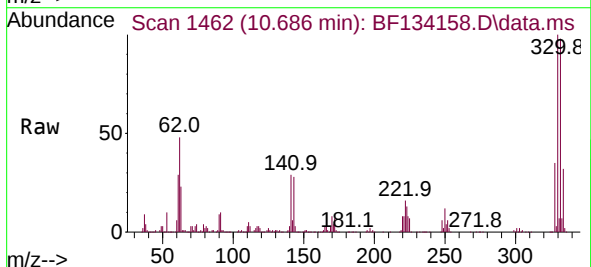
Instrument :
BNA_F
ClientSampleId :

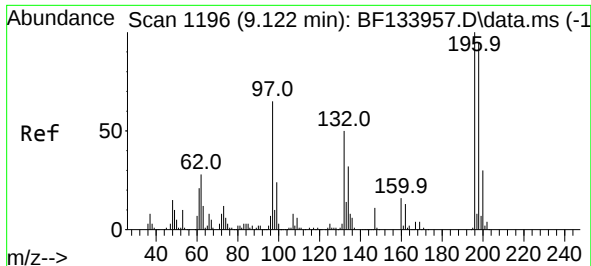
Tgt Ion:237 Resp: 431277
Ion Ratio Lower Upper
237 100
235 62.8 42.8 82.8
272 13.5 0.0 34.6



#42
2,4,6-Tribromophenol
Concen: 113.352 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF134158.D
Acq: 08 Jul 2023 20:31

Tgt Ion:330 Resp: 436126
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.6
141 30.2 26.3 39.5

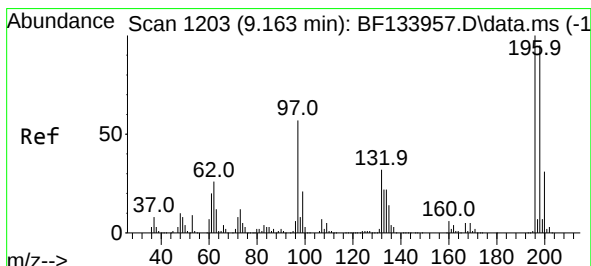
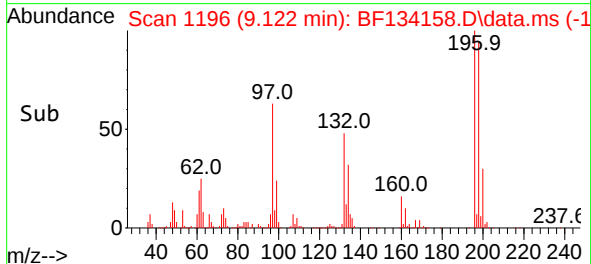
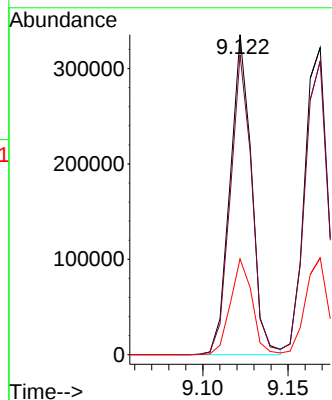
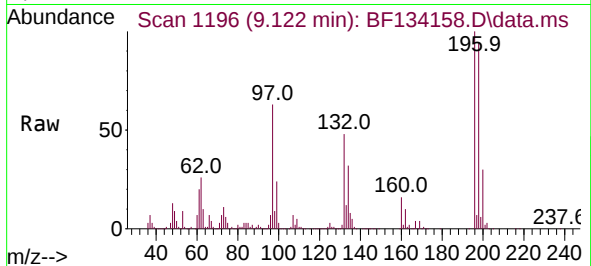




#43
2,4,6-Trichlorophenol
Concen: 47.374 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF134158.D
Acq: 08 Jul 2023 20:31

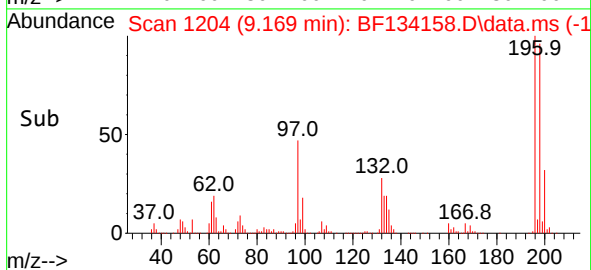
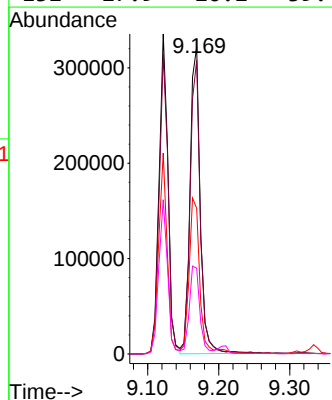
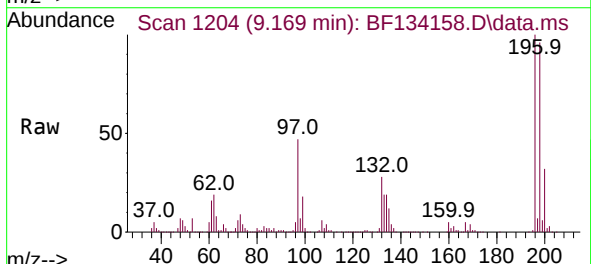
Instrument :
BNA_F
ClientSampleId :

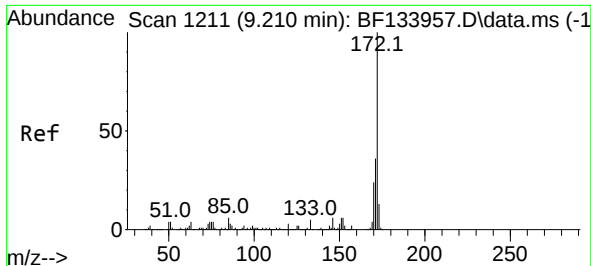
Tgt Ion:196 Resp: 293198
Ion Ratio Lower Upper
196 100
198 93.7 75.6 113.4
200 29.9 24.4 36.6



#44
2,4,5-Trichlorophenol
Concen: 44.250 ng
RT: 9.169 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BF134158.D
Acq: 08 Jul 2023 20:31

Tgt Ion:196 Resp: 322135
Ion Ratio Lower Upper
196 100
198 95.6 75.7 113.5
97 47.4 45.8 68.6
132 27.9 26.2 39.4

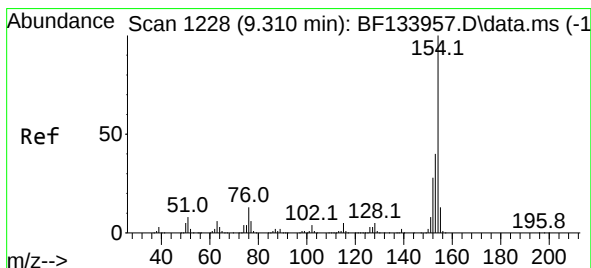
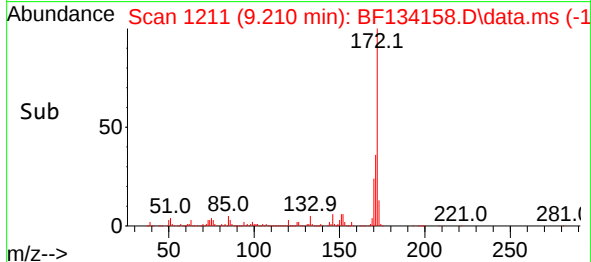
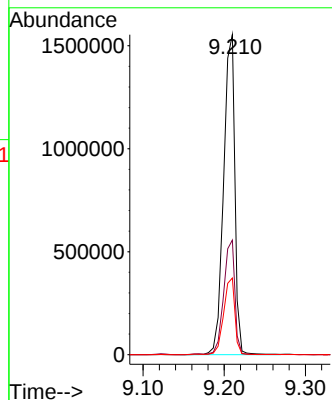
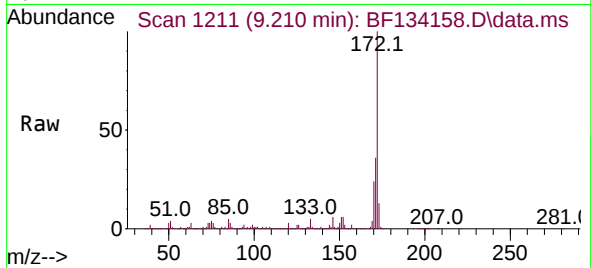




#45
2-Fluorobiphenyl
Concen: 71.420 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BF134158.D
Acq: 08 Jul 2023 20:31

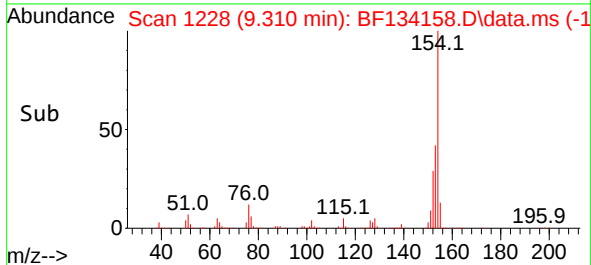
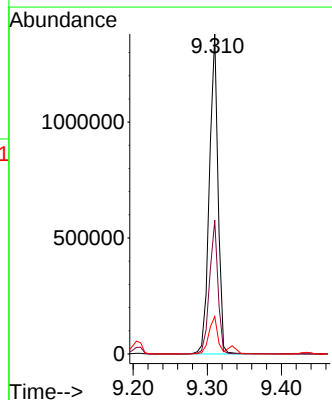
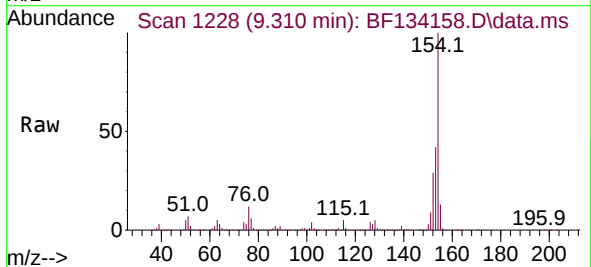
Instrument :
BNA_F
ClientSampleId :

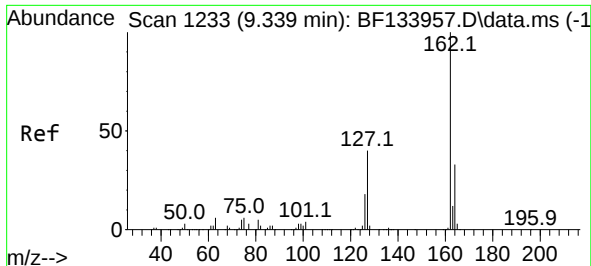
Tgt Ion:172 Resp: 1507451
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 24.0 19.4 29.0



#46
1,1'-Biphenyl
Concen: 45.695 ng
RT: 9.310 min Scan# 1228
Delta R.T. 0.000 min
Lab File: BF134158.D
Acq: 08 Jul 2023 20:31

Tgt Ion:154 Resp: 1124821
Ion Ratio Lower Upper
154 100
153 41.8 19.8 59.8
76 11.7 0.0 32.9

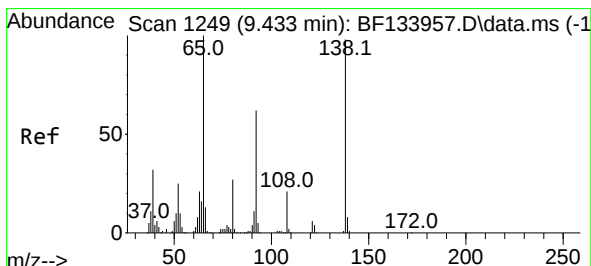
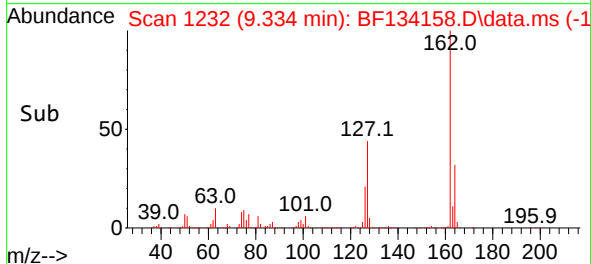
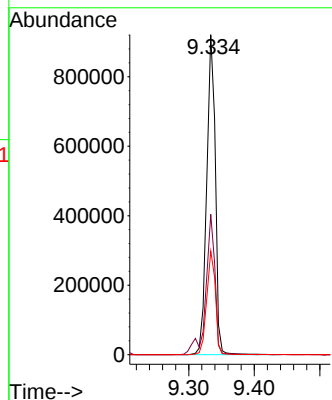
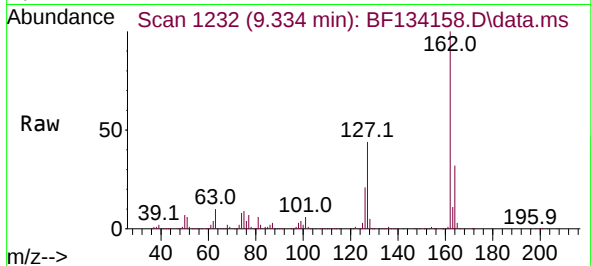




#47
2-Chloronaphthalene
Concen: 46.967 ng
RT: 9.334 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134158.D
Acq: 08 Jul 2023 20:31

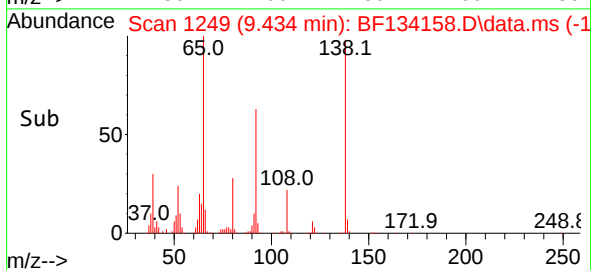
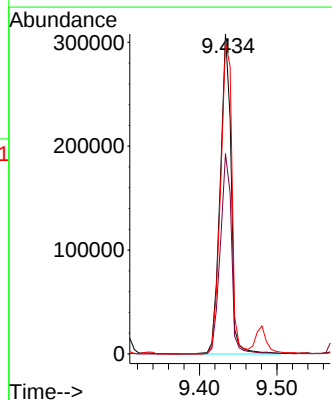
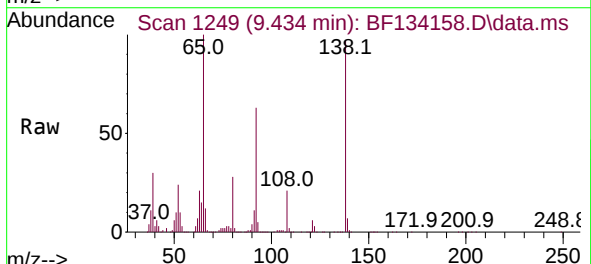
Instrument :
BNA_F
ClientSampleId :

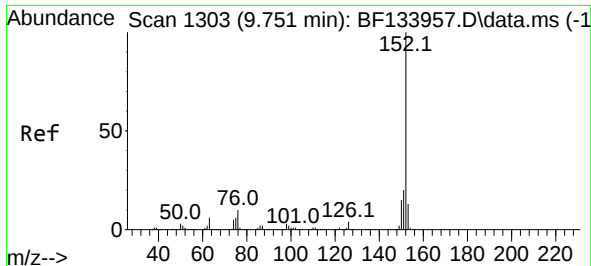
Tgt Ion:162 Resp: 845915
Ion Ratio Lower Upper
162 100
127 43.8 32.9 49.3
164 32.4 26.1 39.1



#48
2-Nitroaniline
Concen: 45.747 ng
RT: 9.434 min Scan# 1249
Delta R.T. -0.006 min
Lab File: BF134158.D
Acq: 08 Jul 2023 20:31

Tgt Ion: 65 Resp: 300279
Ion Ratio Lower Upper
65 100
92 62.6 49.5 74.3
138 97.4 78.0 117.0





#49

Acenaphthylene

Concen: 43.455 ng

RT: 9.751 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134158.D

Acq: 08 Jul 2023 20:31

Instrument :

BNA_F

ClientSampleId :

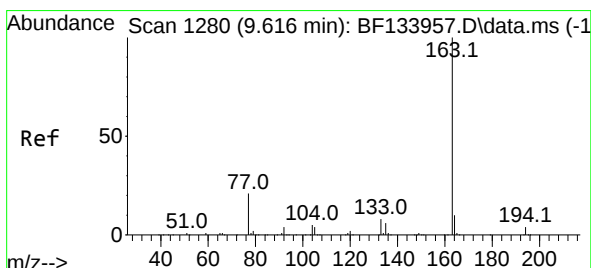
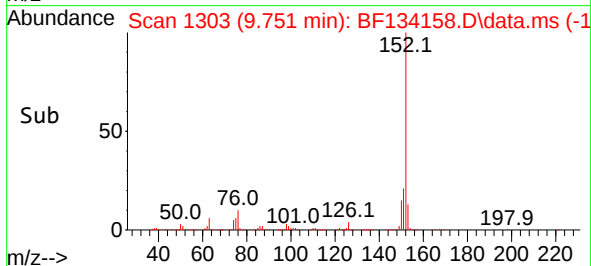
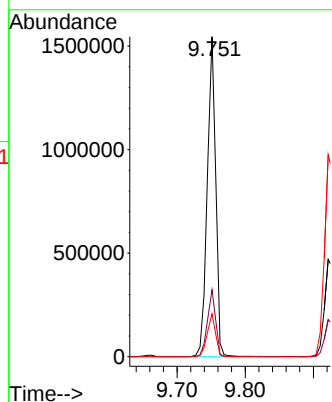
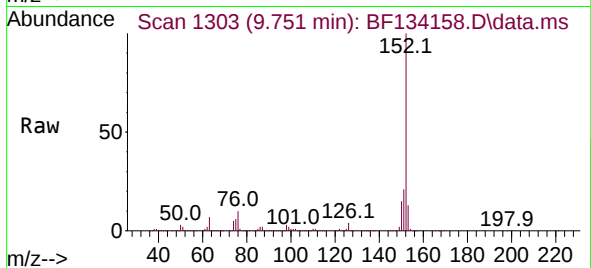
Tgt Ion:152 Resp: 1336975

Ion Ratio Lower Upper

152 100

151 20.9 16.2 24.2

153 13.3 10.8 16.2



#50

Dimethylphthalate

Concen: 47.019 ng

RT: 9.616 min Scan# 1280

Delta R.T. 0.000 min

Lab File: BF134158.D

Acq: 08 Jul 2023 20:31

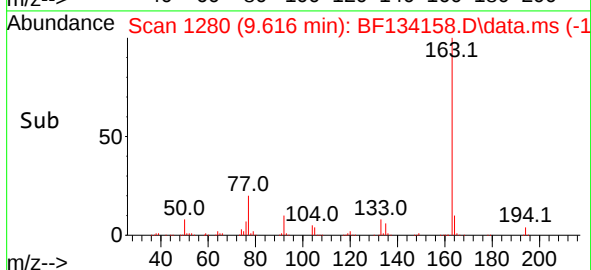
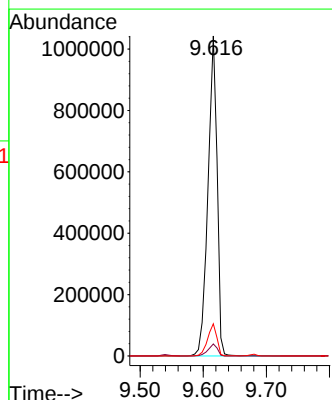
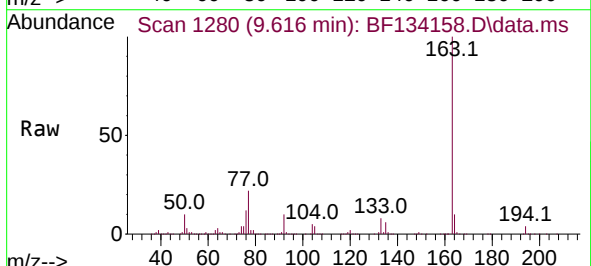
Tgt Ion:163 Resp: 1047375

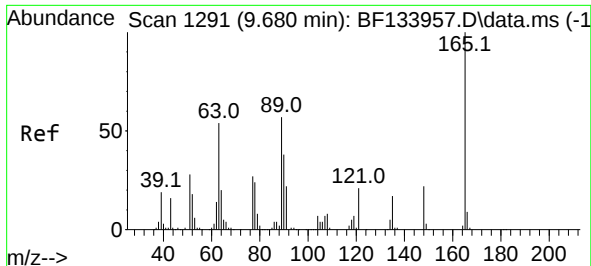
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

164 10.1 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 45.823 ng

RT: 9.681 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134158.D

Acq: 08 Jul 2023 20:31

Instrument :

BNA_F

ClientSampleId :

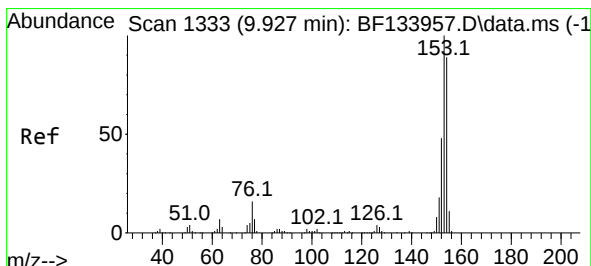
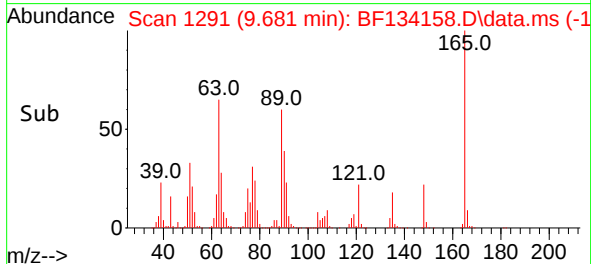
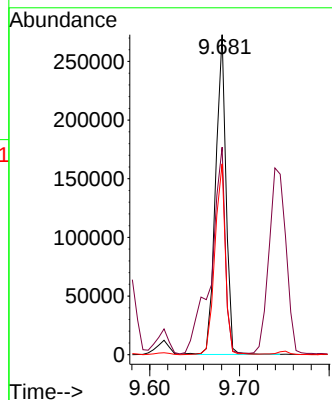
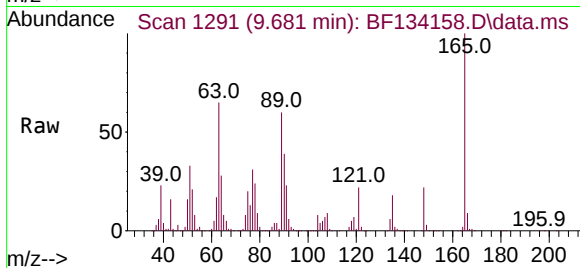
Tgt Ion:165 Resp: 219853

Ion Ratio Lower Upper

165 100

63 64.9 48.5 72.7

89 59.7 45.5 68.3



#52

Acenaphthene

Concen: 46.095 ng

RT: 9.922 min Scan# 1332

Delta R.T. -0.006 min

Lab File: BF134158.D

Acq: 08 Jul 2023 20:31

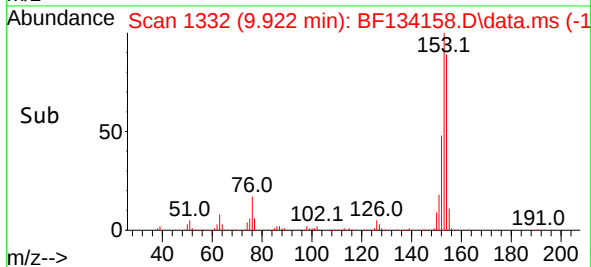
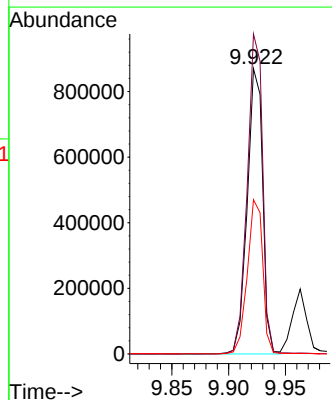
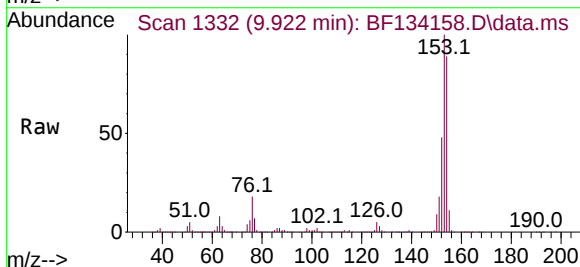
Tgt Ion:154 Resp: 822910

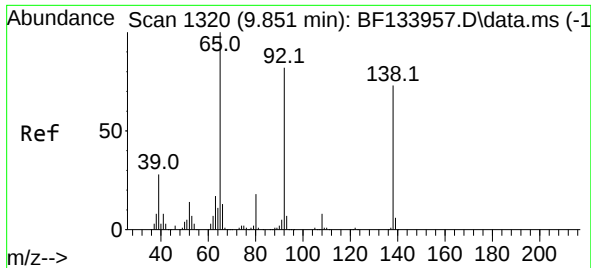
Ion Ratio Lower Upper

154 100

153 112.2 89.4 134.2

152 54.1 42.8 64.2

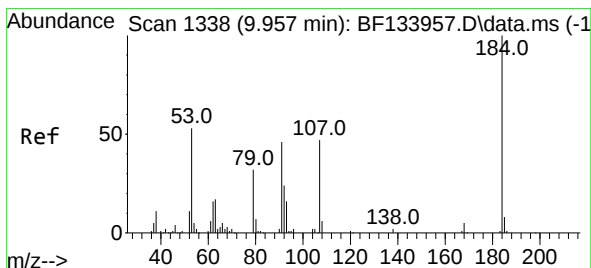
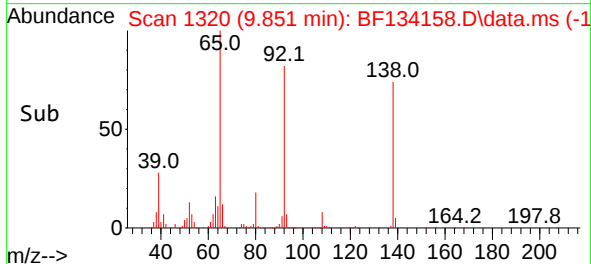
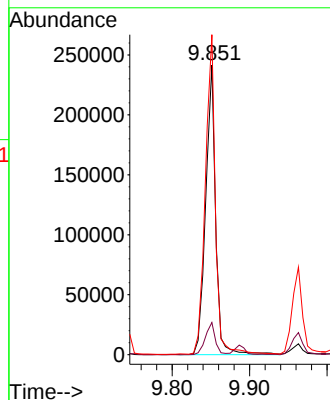
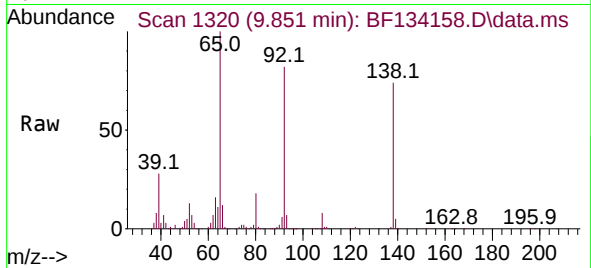




#53
3-Nitroaniline
Concen: 37.666 ng
RT: 9.851 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134158.D
Acq: 08 Jul 2023 20:31

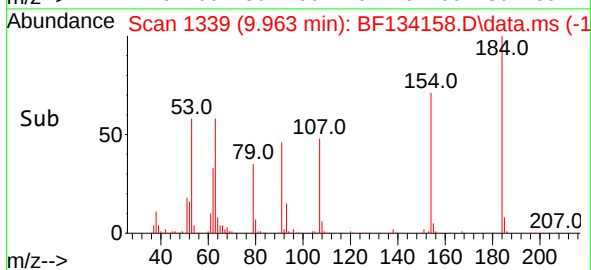
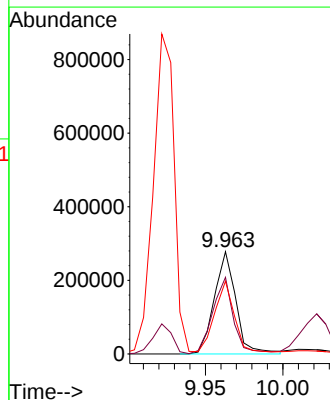
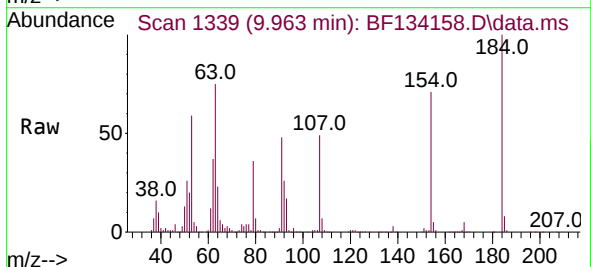
Instrument :
BNA_F
ClientSampleId :

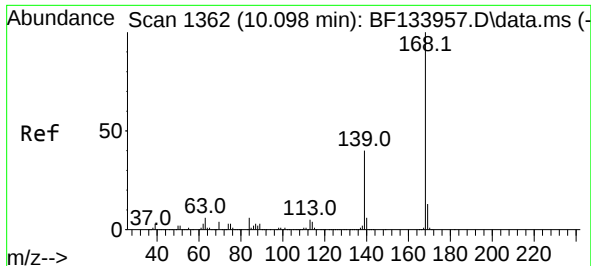
Tgt Ion:138 Resp: 216797
Ion Ratio Lower Upper
138 100
108 11.1 8.4 12.6
92 110.5 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 96.131 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BF134158.D
Acq: 08 Jul 2023 20:31

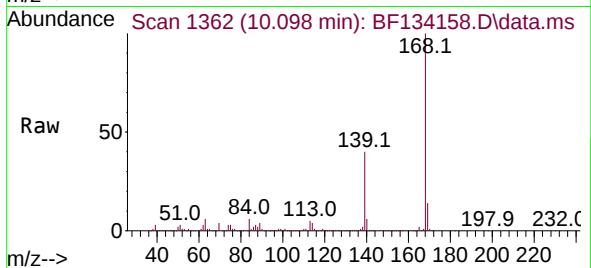
Tgt Ion:184 Resp: 268627
Ion Ratio Lower Upper
184 100
63 75.1 56.9 85.3
154 71.3 55.4 83.0



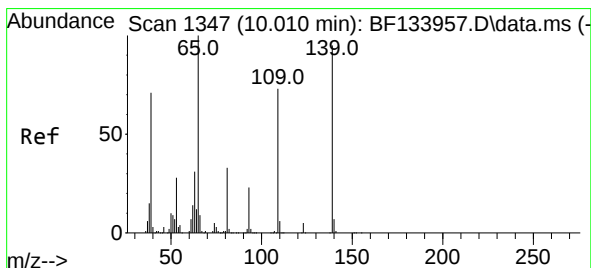
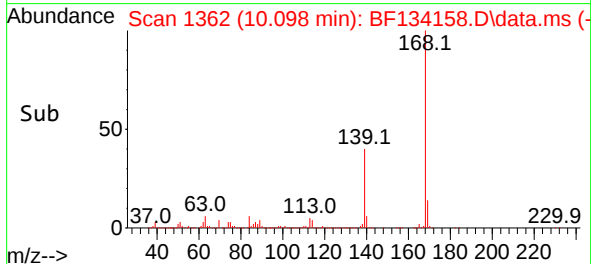
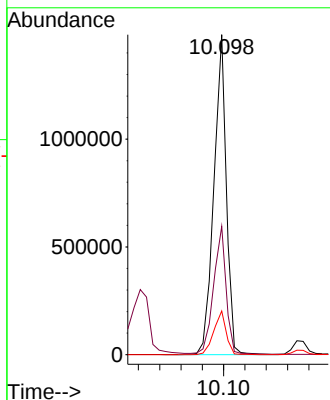


#55
Dibenzenofuran
Concen: 43.077 ng
RT: 10.098 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134158.D
Acq: 08 Jul 2023 20:31

Instrument :
BNA_F
ClientSampleId :

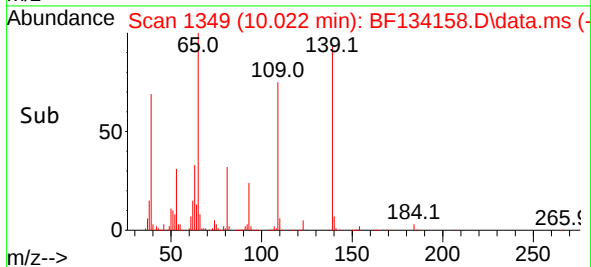
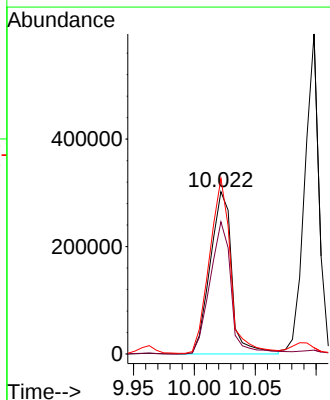
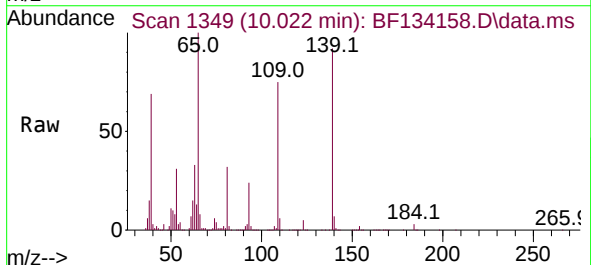


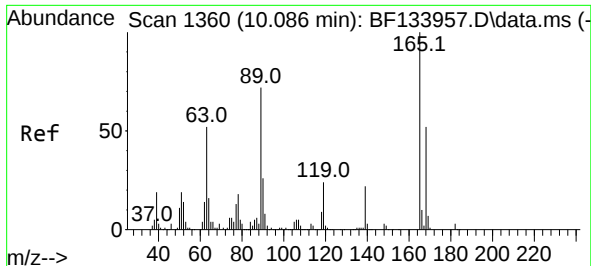
Tgt Ion:168 Resp: 1201870
Ion Ratio Lower Upper
168 100
139 40.1 32.0 48.0
169 13.6 10.6 16.0



#56
4-Nitrophenol
Concen: 92.366 ng
RT: 10.022 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF134158.D
Acq: 08 Jul 2023 20:31

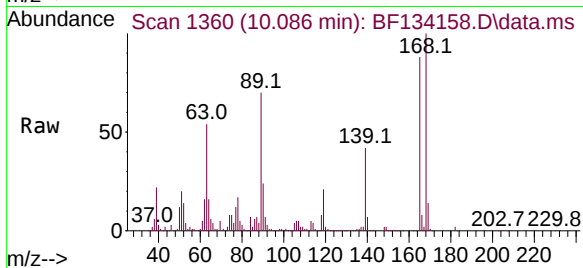
Tgt Ion:139 Resp: 371878
Ion Ratio Lower Upper
139 100
109 81.4 56.8 96.8
65 108.2 86.1 126.1



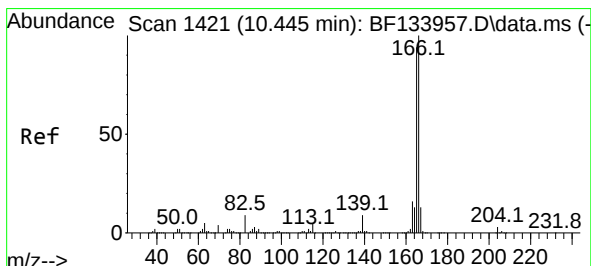
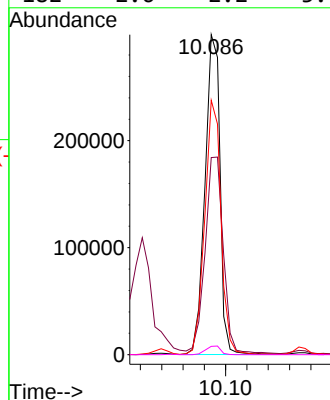
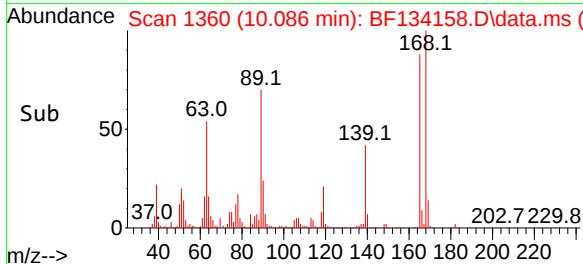


#57
2,4-Dinitrotoluene
Concen: 46.268 ng
RT: 10.086 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134158.D
Acq: 08 Jul 2023 20:31

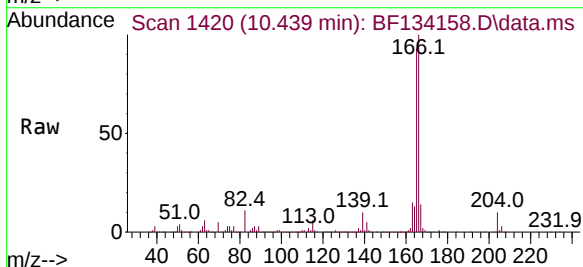
Instrument :
BNA_F
ClientSampleId :



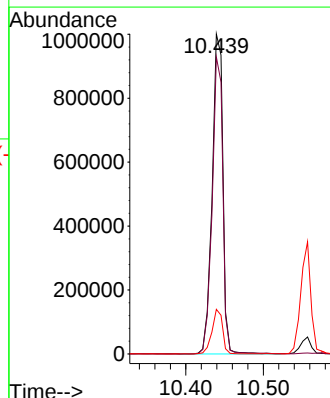
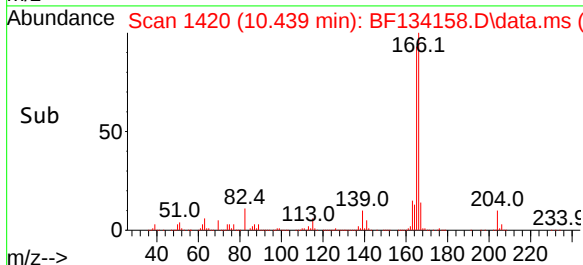
Tgt Ion:165 Resp: 293161
Ion Ratio Lower Upper
165 100
63 61.6 42.2 63.2
89 79.5 57.4 86.2
182 2.6 2.2 3.4

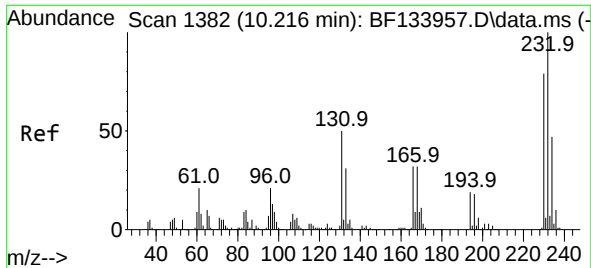


#58
Fluorene
Concen: 44.318 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF134158.D
Acq: 08 Jul 2023 20:31



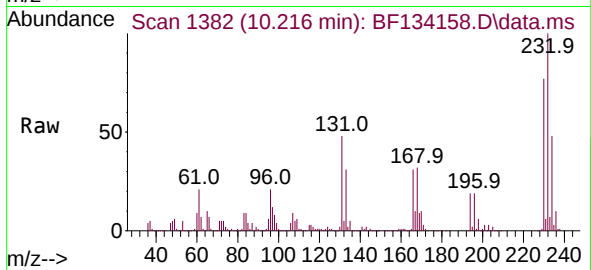
Tgt Ion:166 Resp: 961978
Ion Ratio Lower Upper
166 100
165 92.8 75.0 112.4
167 14.0 10.6 15.8



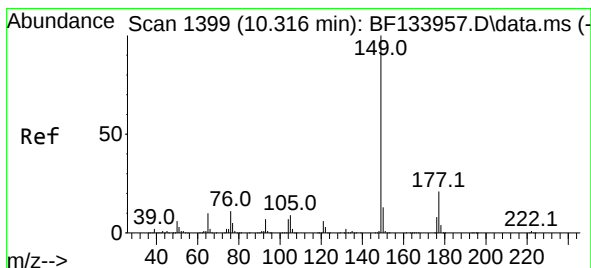
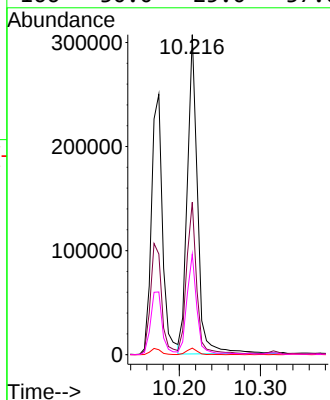
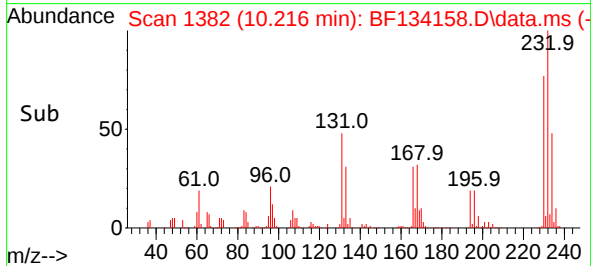


#59
2,3,4,6-Tetrachlorophenol
Concen: 46.618 ng
RT: 10.216 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF134158.D
Acq: 08 Jul 2023 20:31

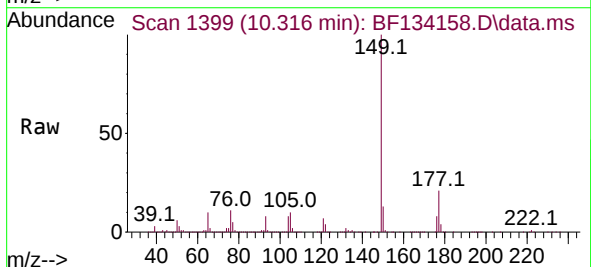
Instrument :
BNA_F
ClientSampleId :



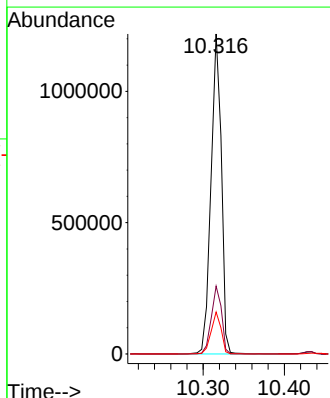
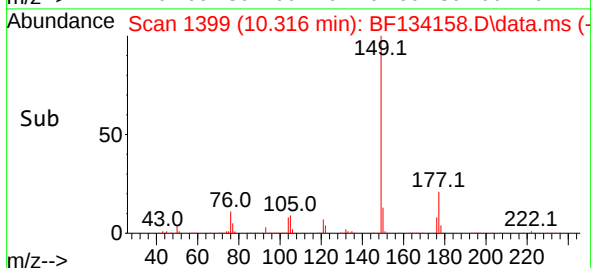
Tgt Ion:232 Resp: 267701
Ion Ratio Lower Upper
232 100
131 46.4 39.3 58.9
130 2.2 1.8 2.6
166 30.0 25.0 37.6

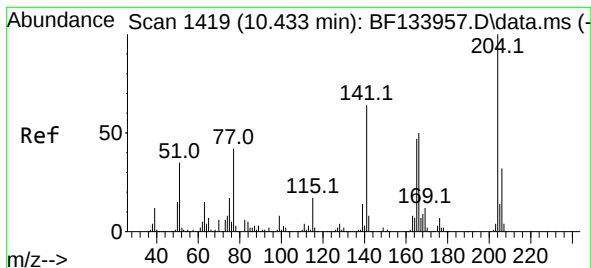


#60
Diethylphthalate
Concen: 46.275 ng
RT: 10.316 min Scan# 1399
Delta R.T. 0.000 min
Lab File: BF134158.D
Acq: 08 Jul 2023 20:31



Tgt Ion:149 Resp: 1073942
Ion Ratio Lower Upper
149 100
177 21.2 17.0 25.6
150 13.1 10.2 15.2

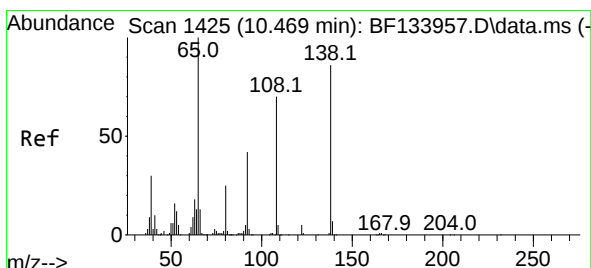
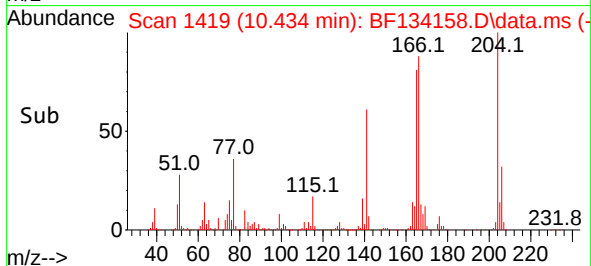
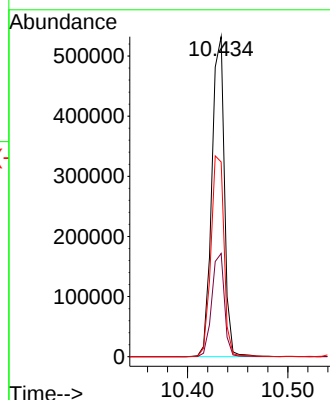
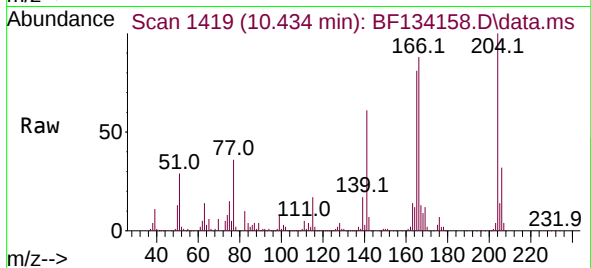




#61
4-Chlorophenyl-phenylether
Concen: 44.487 ng
RT: 10.434 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF134158.D
Acq: 08 Jul 2023 20:31

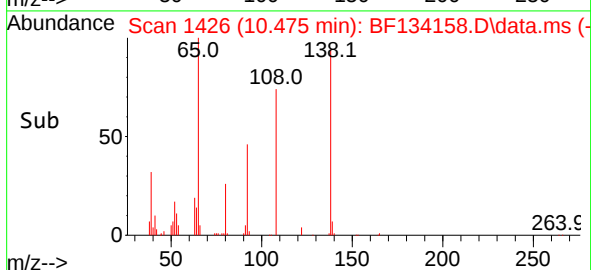
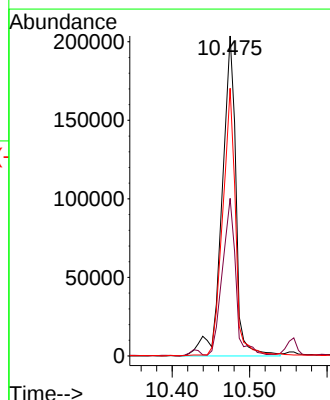
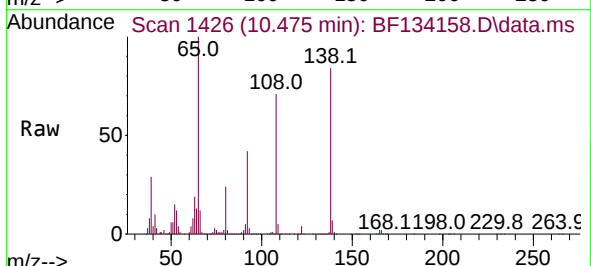
Instrument :
BNA_F
ClientSampleId :

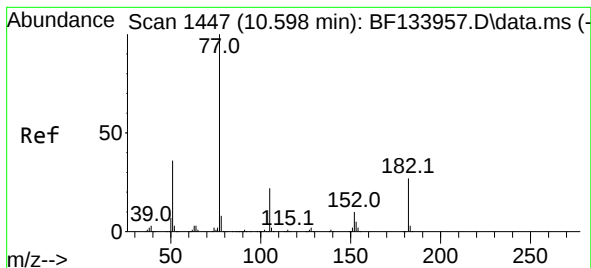
Tgt Ion:204 Resp: 465363
Ion Ratio Lower Upper
204 100
206 32.3 25.8 38.6
141 60.9 51.5 77.3



#62
4-Nitroaniline
Concen: 43.772 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF134158.D
Acq: 08 Jul 2023 20:31

Tgt Ion:138 Resp: 253904
Ion Ratio Lower Upper
138 100
92 49.3 29.7 69.7
108 83.7 62.1 102.1





#63

Azobenzene

Concen: 50.768 ng

RT: 10.592 min Scan# 1446

Delta R.T. -0.006 min

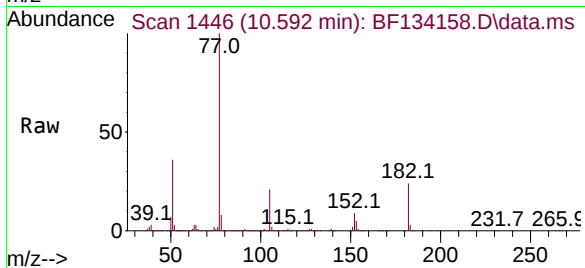
Lab File: BF134158.D

Acq: 08 Jul 2023 20:31

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 77 Resp: 1114493

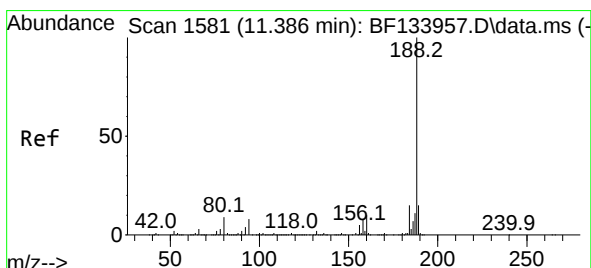
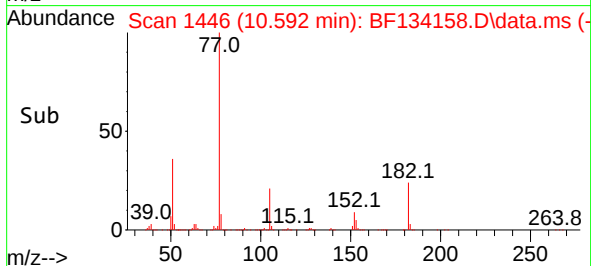
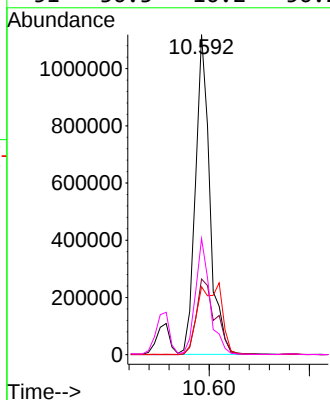
Ion Ratio Lower Upper

77 100

182 23.6 6.8 46.8

105 21.2 2.3 42.3

51 36.3 16.2 56.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.381 min Scan# 1580

Delta R.T. -0.006 min

Lab File: BF134158.D

Acq: 08 Jul 2023 20:31

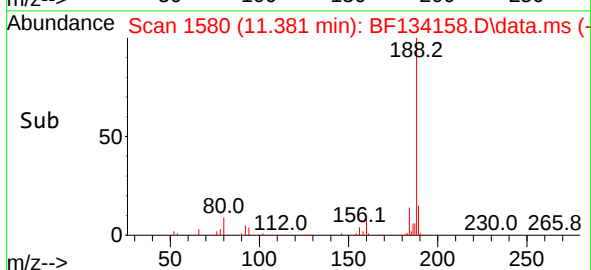
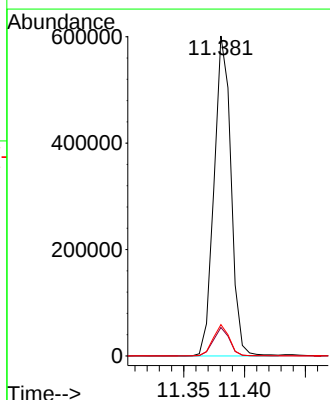
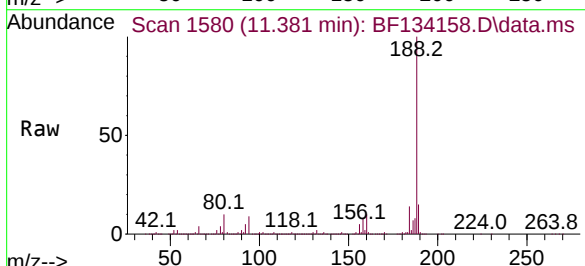
Tgt Ion:188 Resp: 582585

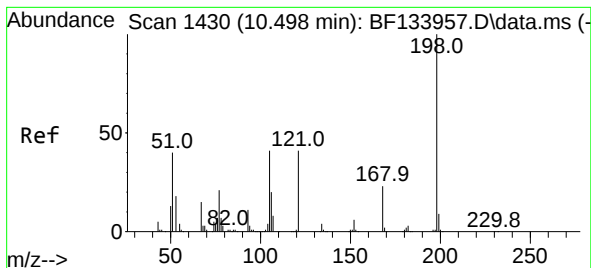
Ion Ratio Lower Upper

188 100

94 8.9 6.4 9.6

80 9.8 7.3 10.9

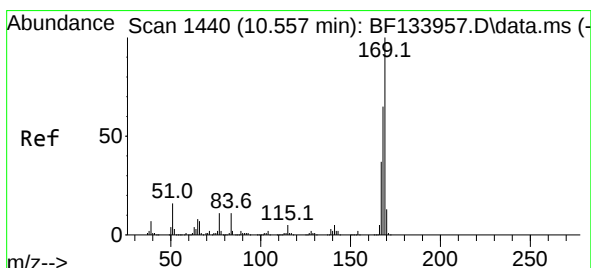
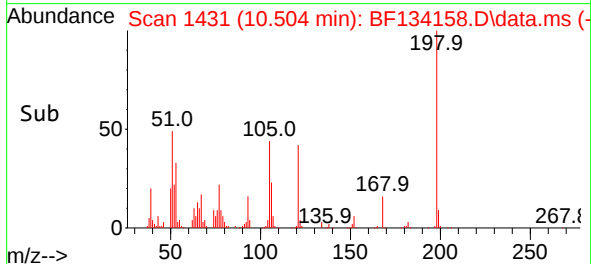
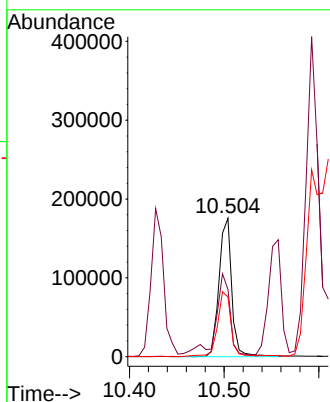
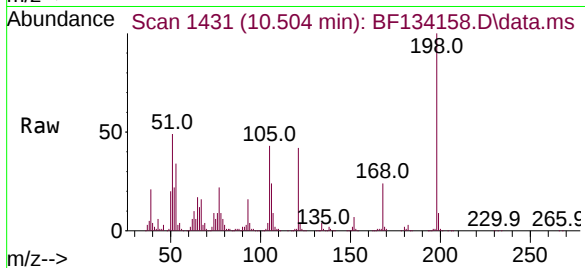




#65
4,6-Dinitro-2-methylphenol
Concen: 51.989 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF134158.D
Acq: 08 Jul 2023 20:31

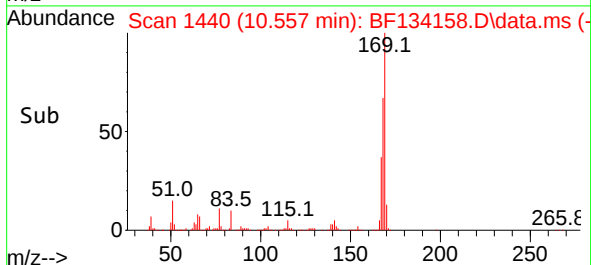
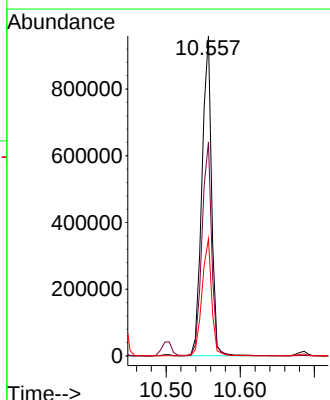
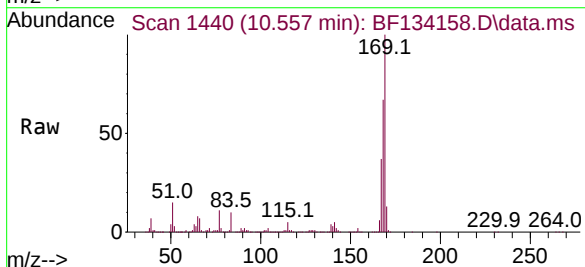
Instrument :
BNA_F
ClientSampleId :

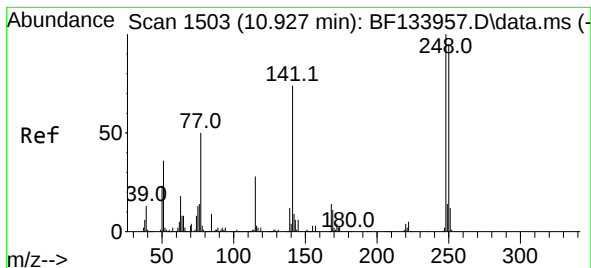
Tgt Ion:198 Resp: 165127
Ion Ratio Lower Upper
198 100
51 48.5 29.3 69.3
105 43.1 22.4 62.4



#66
n-Nitrosodiphenylamine
Concen: 46.376 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF134158.D
Acq: 08 Jul 2023 20:31

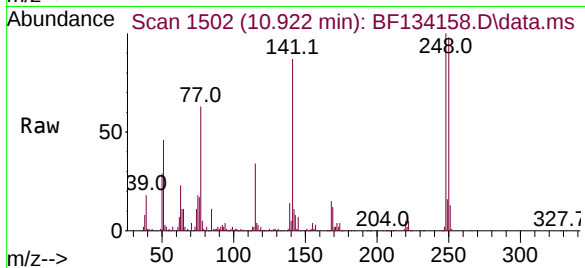
Tgt Ion:169 Resp: 863226
Ion Ratio Lower Upper
169 100
168 66.9 52.3 78.5
167 36.6 29.4 44.0



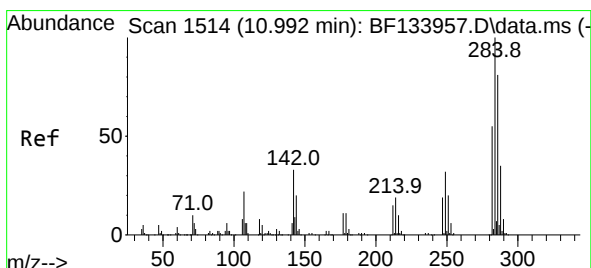
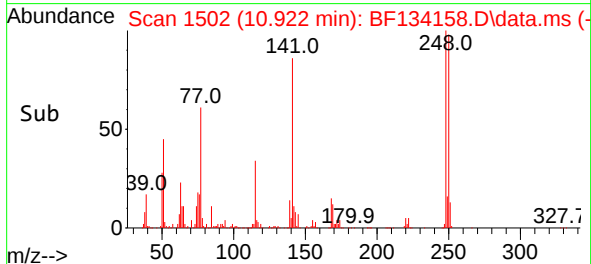
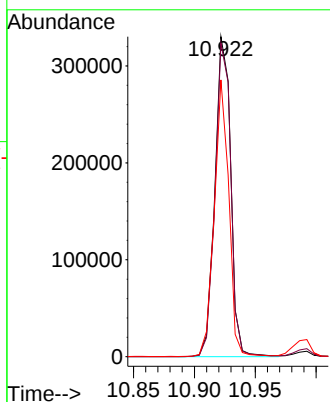


#67
4-Bromophenyl-phenylether
Concen: 48.098 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF134158.D
Acq: 08 Jul 2023 20:31

Instrument :
BNA_F
ClientSampleId :

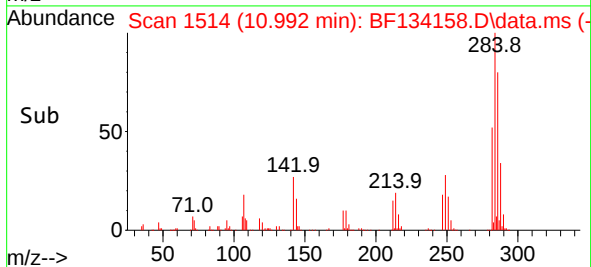
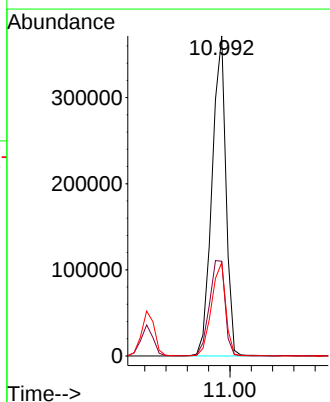
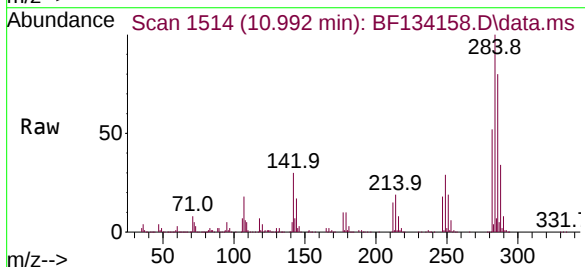


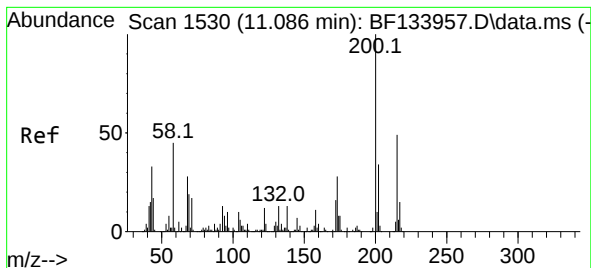
Tgt Ion:248 Resp: 297834
Ion Ratio Lower Upper
248 100
250 97.9 76.2 114.4
141 86.5 59.0 88.4



#68
Hexachlorobenzene
Concen: 51.046 ng
RT: 10.992 min Scan# 1514
Delta R.T. 0.000 min
Lab File: BF134158.D
Acq: 08 Jul 2023 20:31

Tgt Ion:284 Resp: 335606
Ion Ratio Lower Upper
284 100
142 29.6 26.6 40.0
249 29.2 25.5 38.3





#69

Atrazine

Concen: 56.469 ng

RT: 11.086 min Scan# 1530

Delta R.T. 0.000 min

Lab File: BF134158.D

Acq: 08 Jul 2023 20:31

Instrument :

BNA_F

ClientSampleId :

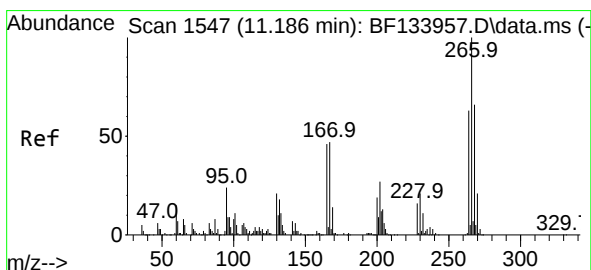
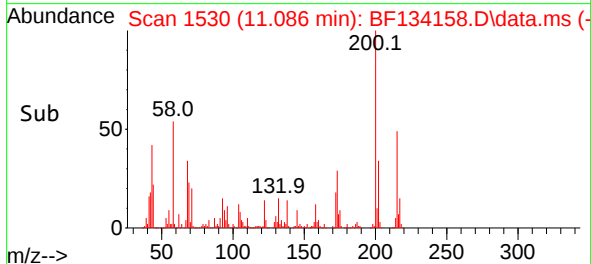
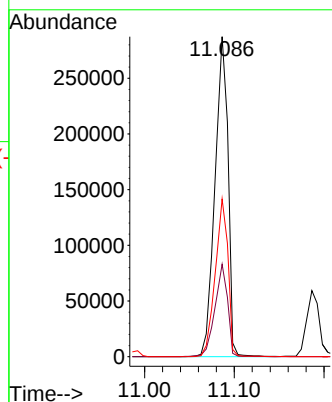
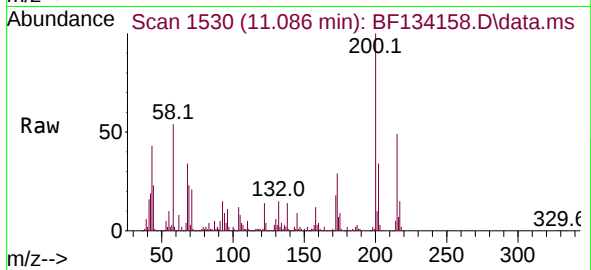
Tgt Ion:200 Resp: 290743

Ion Ratio Lower Upper

200 100

173 28.9 8.0 48.0

215 49.3 29.3 69.3



#70

Pentachlorophenol

Concen: 82.376 ng

RT: 11.186 min Scan# 1547

Delta R.T. -0.006 min

Lab File: BF134158.D

Acq: 08 Jul 2023 20:31

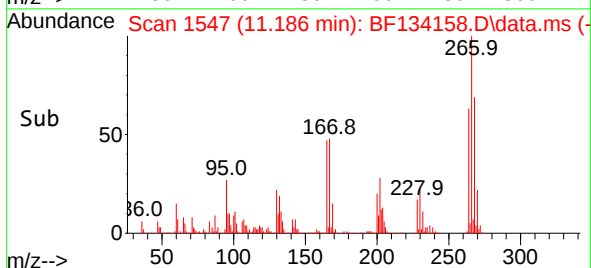
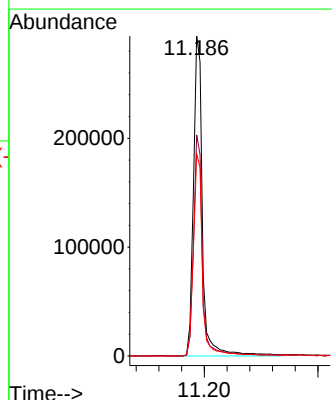
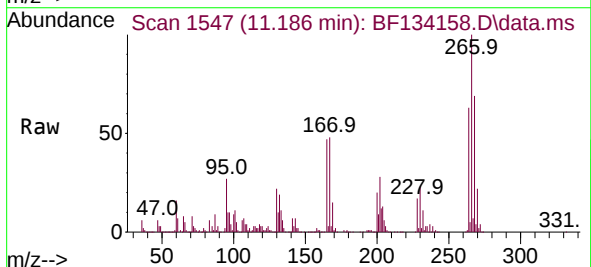
Tgt Ion:266 Resp: 323826

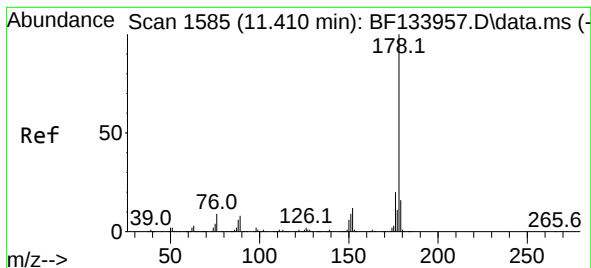
Ion Ratio Lower Upper

266 100

268 69.1 52.6 79.0

264 63.1 50.6 76.0





#71

Phenanthrene

Concen: 44.358 ng

RT: 11.410 min Scan# 1585

Delta R.T. 0.000 min

Lab File: BF134158.D

Acq: 08 Jul 2023 20:31

Instrument :

BNA_F

ClientSampleId :

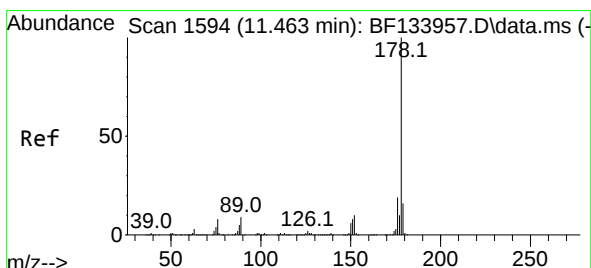
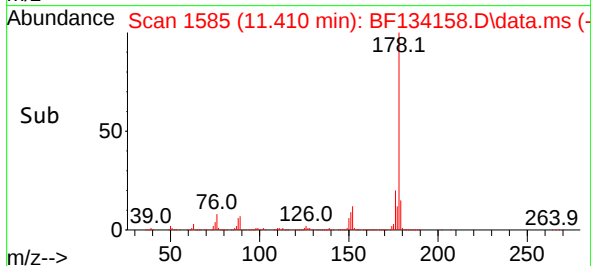
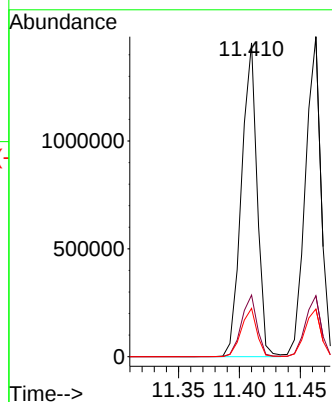
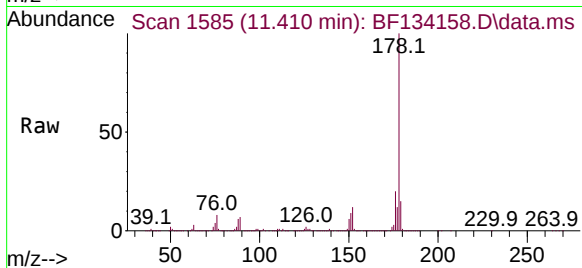
Tgt Ion:178 Resp: 1300932

Ion Ratio Lower Upper

178 100

176 19.6 16.0 24.0

179 15.4 12.4 18.6



#72

Anthracene

Concen: 44.296 ng

RT: 11.463 min Scan# 1594

Delta R.T. 0.000 min

Lab File: BF134158.D

Acq: 08 Jul 2023 20:31

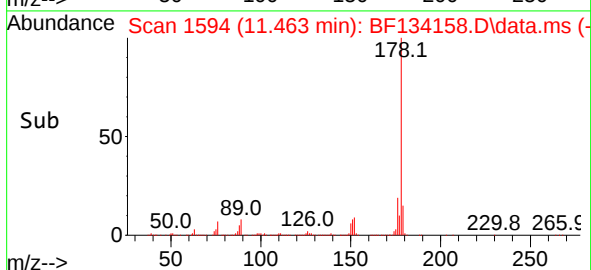
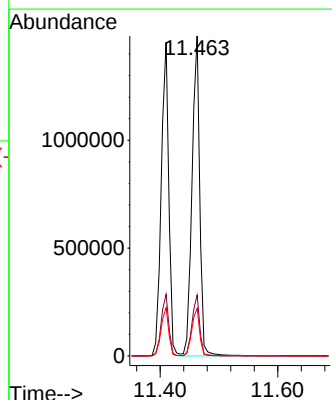
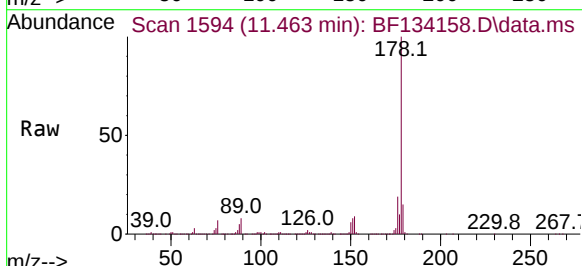
Tgt Ion:178 Resp: 1351227

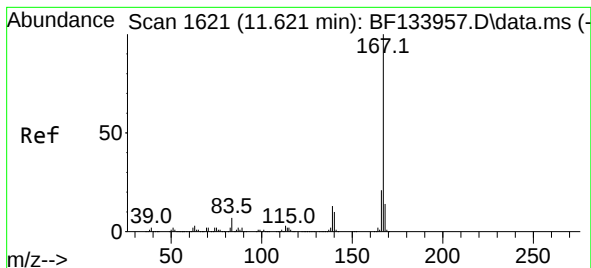
Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

179 14.9 12.4 18.6





#73

Carbazole

Concen: 43.196 ng

RT: 11.622 min Scan# 1621

Delta R.T. 0.000 min

Lab File: BF134158.D

Acq: 08 Jul 2023 20:31

Instrument :

BNA_F

ClientSampleId :

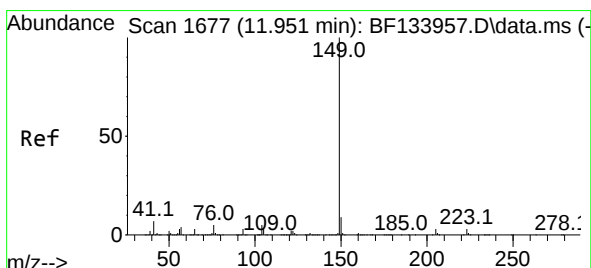
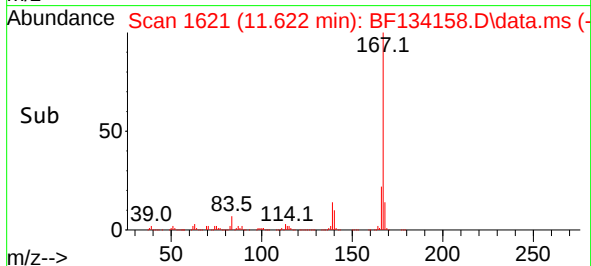
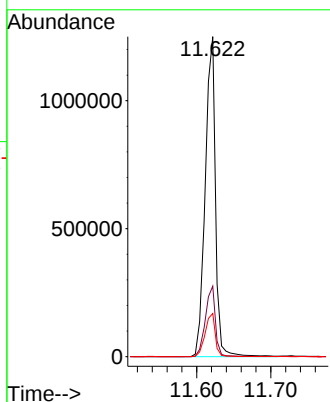
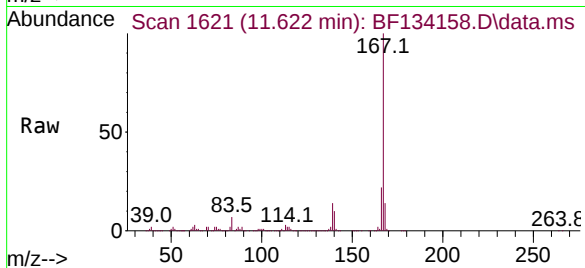
Tgt Ion:167 Resp: 1206085

Ion Ratio Lower Upper

167 100

166 22.0 17.0 25.6

139 13.5 10.4 15.6



#74

Di-n-butylphthalate

Concen: 80.666 ng

RT: 11.951 min Scan# 1677

Delta R.T. 0.000 min

Lab File: BF134158.D

Acq: 08 Jul 2023 20:31

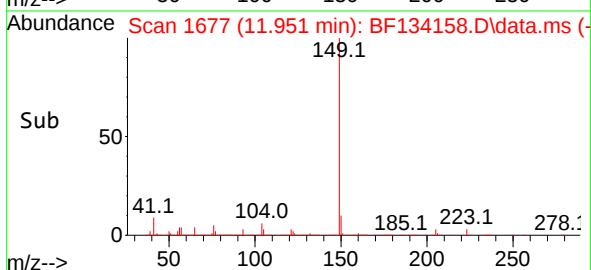
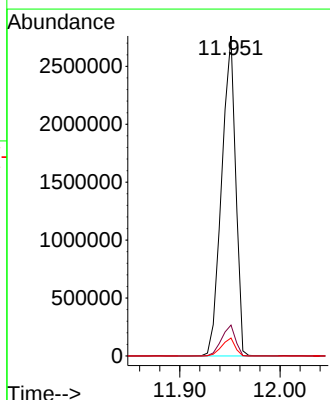
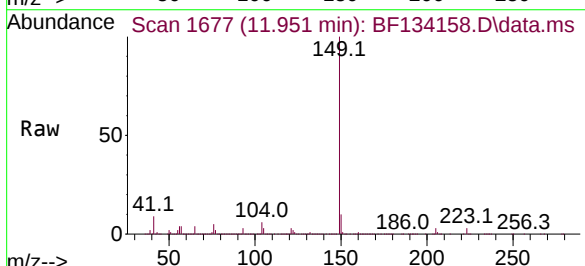
Tgt Ion:149 Resp: 2678408

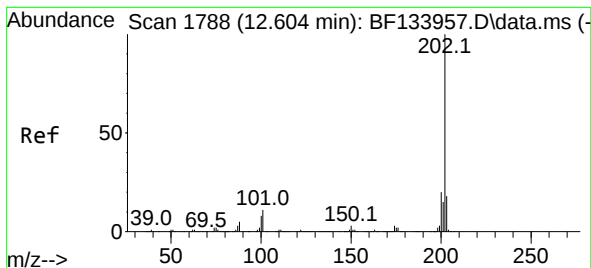
Ion Ratio Lower Upper

149 100

150 9.7 7.1 10.7

104 5.6 4.0 6.0

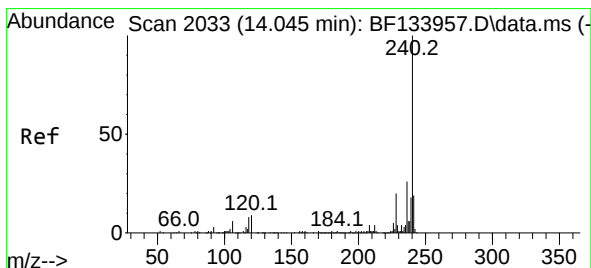
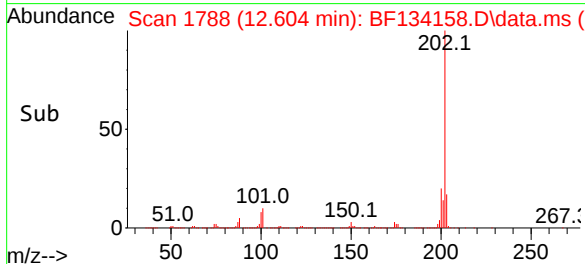
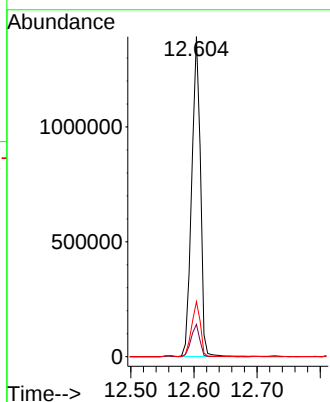
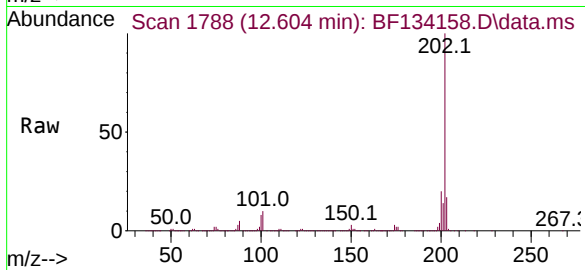




#75
Fluoranthene
Concen: 42.267 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF134158.D
Acq: 08 Jul 2023 20:31

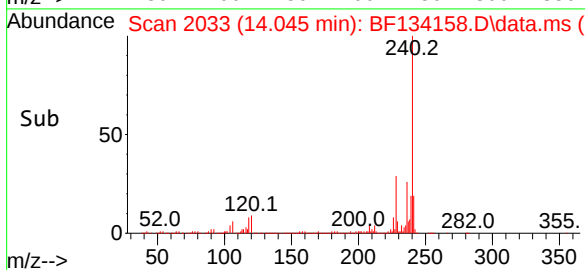
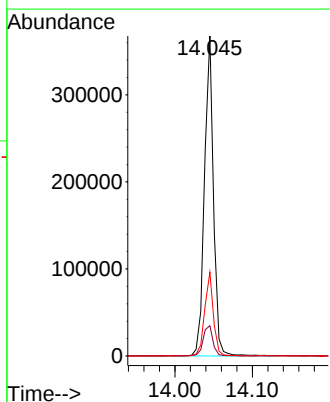
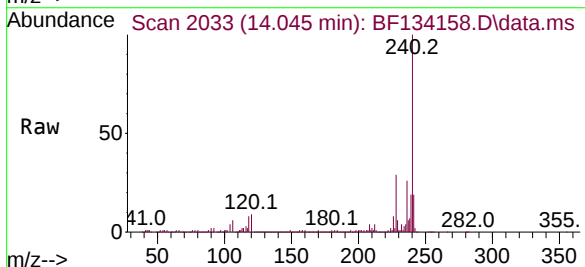
Instrument :
BNA_F
ClientSampleId :

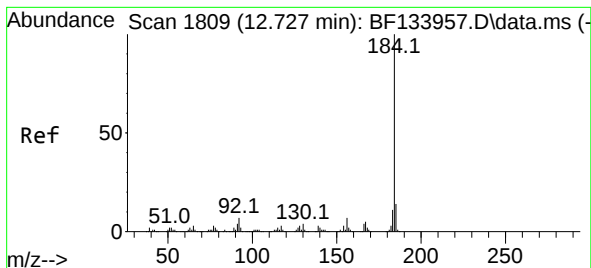
Tgt Ion:202 Resp: 1340135
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.0
203 17.2 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF134158.D
Acq: 08 Jul 2023 20:31

Tgt Ion:240 Resp: 296808
Ion Ratio Lower Upper
240 100
120 9.4 7.4 11.0
236 26.2 21.0 31.6





#77

Benzidine

Concen: 77.316 ng

RT: 12.727 min Scan# 1809

Delta R.T. 0.000 min

Lab File: BF134158.D

Acq: 08 Jul 2023 20:31

Instrument :

BNA_F

ClientSampleId :

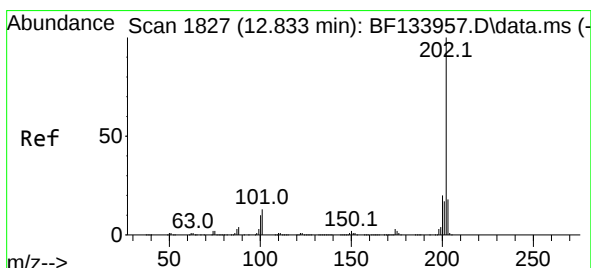
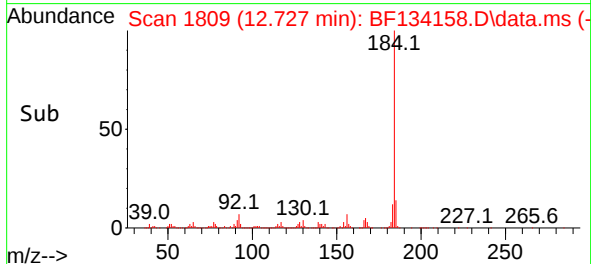
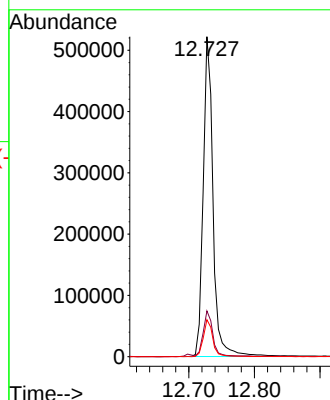
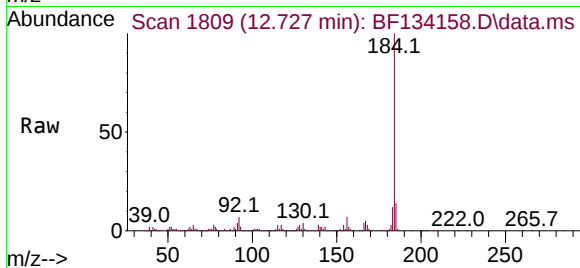
Tgt Ion:184 Resp: 546035

Ion Ratio Lower Upper

184 100

185 14.3 11.6 17.4

183 11.6 8.8 13.2



#78

Pyrene

Concen: 50.342 ng

RT: 12.833 min Scan# 1827

Delta R.T. -0.006 min

Lab File: BF134158.D

Acq: 08 Jul 2023 20:31

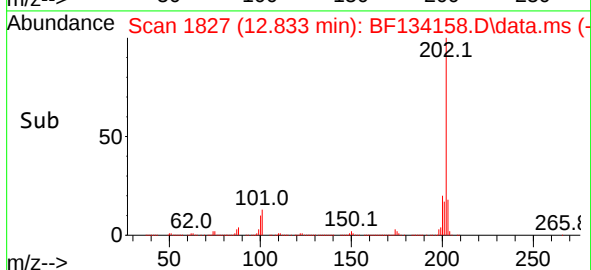
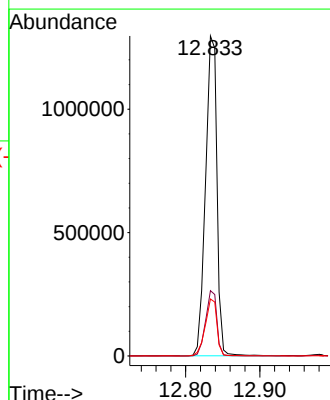
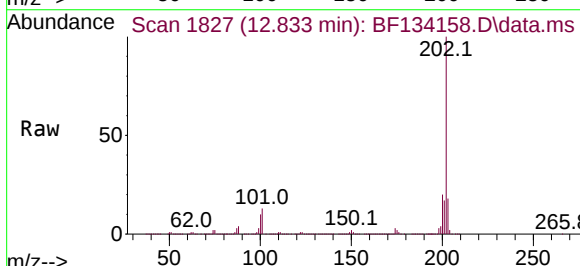
Tgt Ion:202 Resp: 1390556

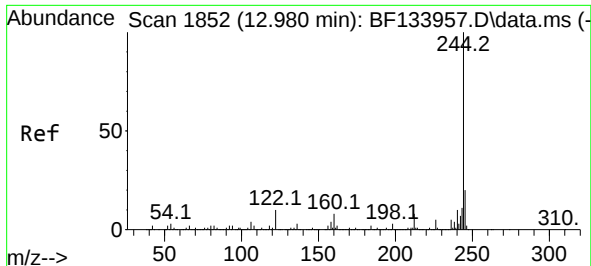
Ion Ratio Lower Upper

202 100

200 20.4 16.1 24.1

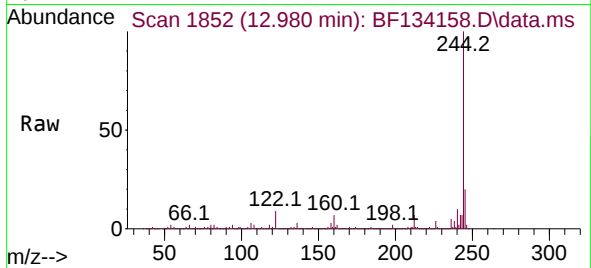
203 17.8 14.3 21.5



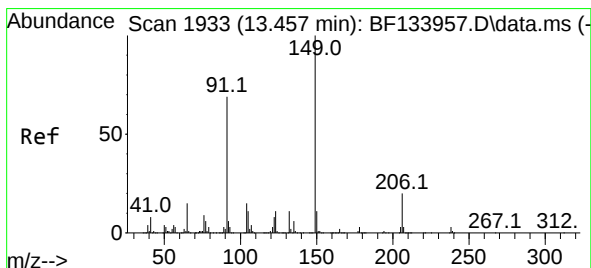
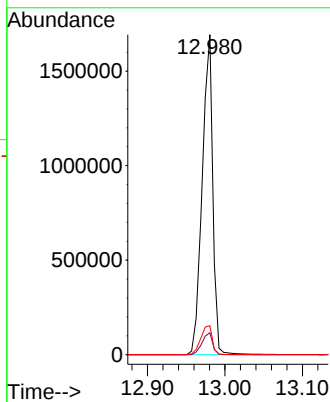
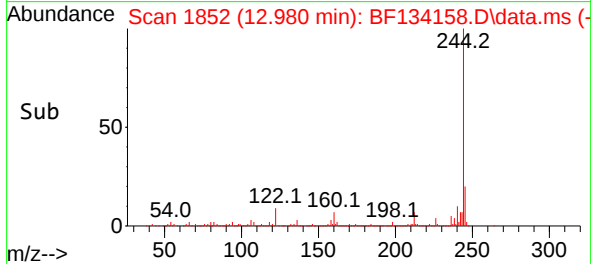


#79
 Terphenyl-d14
 Concen: 86.948 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF134158.D
 Acq: 08 Jul 2023 20:31

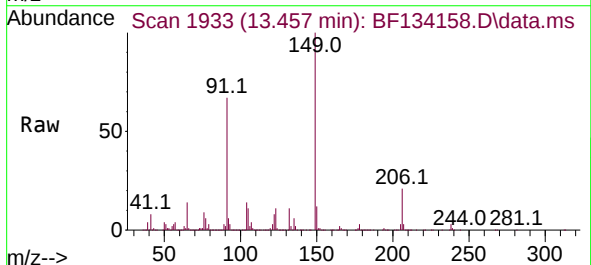
Instrument :
 BNA_F
 ClientSampleId :



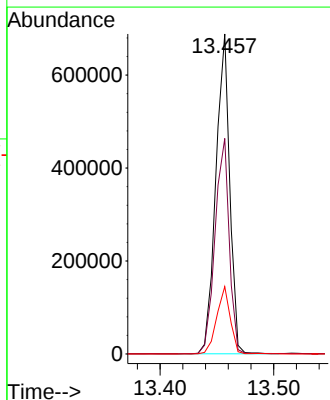
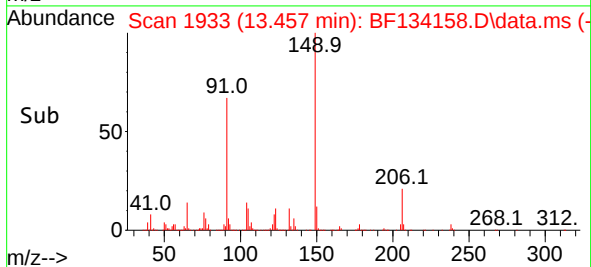
Tgt Ion:244 Resp: 1603493
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 9.0 8.3 12.5

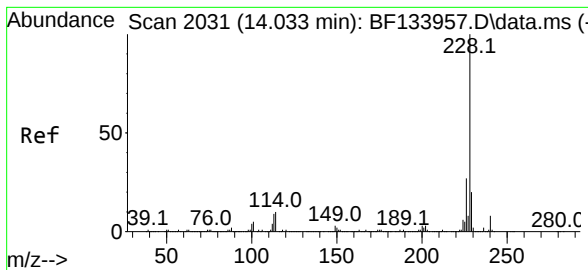


#80
 Butylbenzylphthalate
 Concen: 56.553 ng
 RT: 13.457 min Scan# 1933
 Delta R.T. 0.000 min
 Lab File: BF134158.D
 Acq: 08 Jul 2023 20:31



Tgt Ion:149 Resp: 585862
 Ion Ratio Lower Upper
 149 100
 91 67.3 55.1 82.7
 206 21.0 15.7 23.5

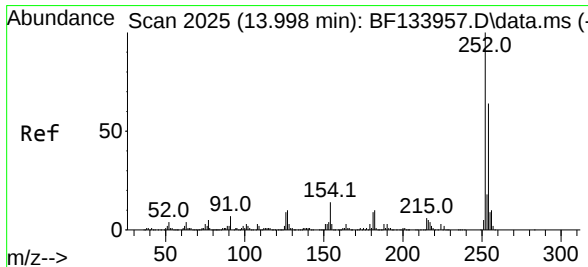
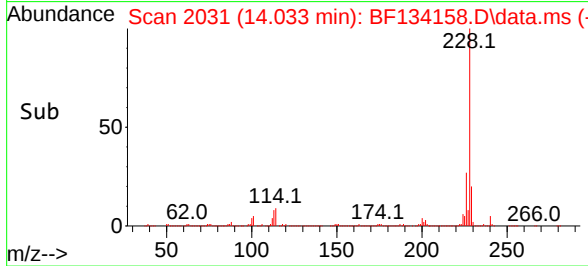
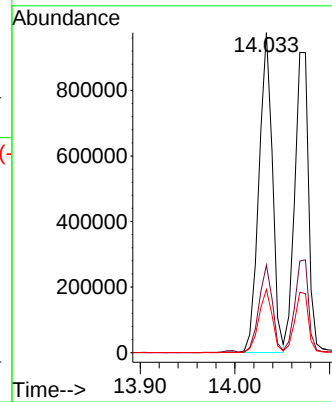
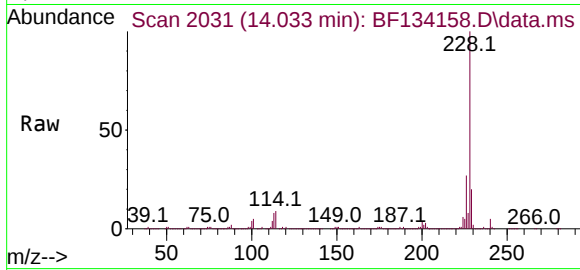




#81
Benzo(a)anthracene
Concen: 46.969 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF134158.D
Acq: 08 Jul 2023 20:31

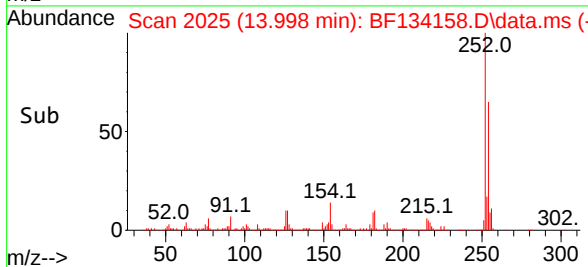
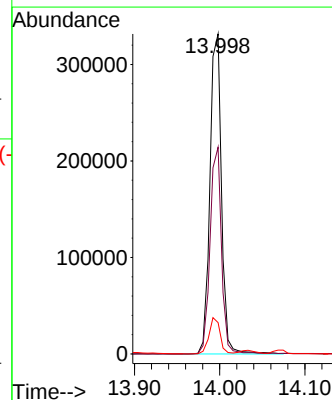
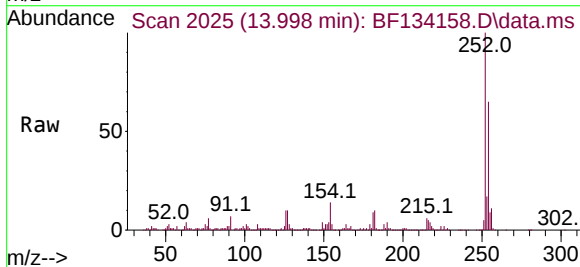
Instrument :
BNA_F
ClientSampleId :

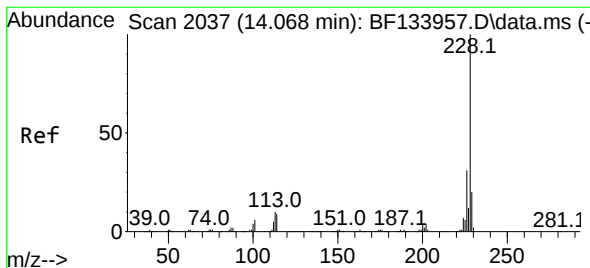
Tgt Ion:228 Resp: 966816
Ion Ratio Lower Upper
228 100
226 27.4 22.0 33.0
229 19.8 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 47.889 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF134158.D
Acq: 08 Jul 2023 20:31

Tgt Ion:252 Resp: 312306
Ion Ratio Lower Upper
252 100
254 64.6 51.4 77.0
126 9.8 7.4 11.2





#83

Chrysene

Concen: 46.584 ng

RT: 14.069 min Scan# 2037

Delta R.T. -0.006 min

Lab File: BF134158.D

Acq: 08 Jul 2023 20:31

Instrument :

BNA_F

ClientSampleId :

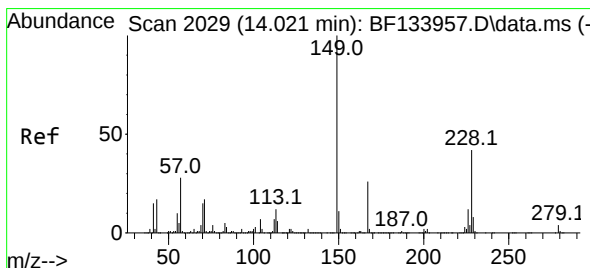
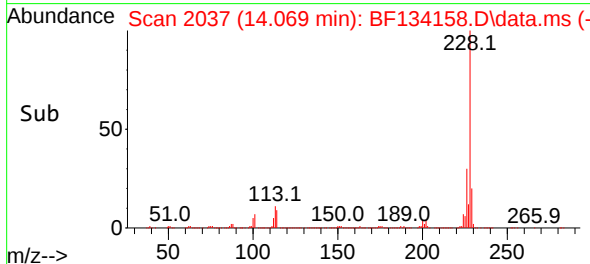
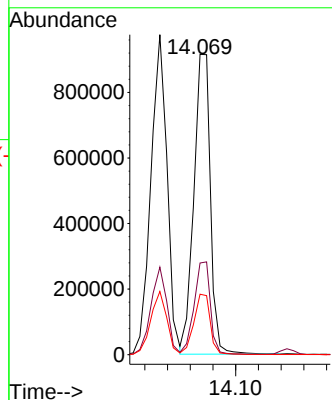
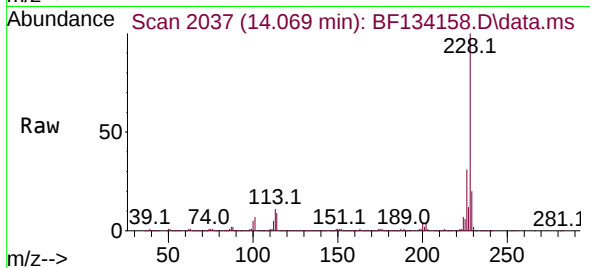
Tgt Ion:228 Resp: 928756

Ion Ratio Lower Upper

228 100

226 30.5 24.4 36.6

229 20.1 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 62.551 ng

RT: 14.016 min Scan# 2028

Delta R.T. -0.006 min

Lab File: BF134158.D

Acq: 08 Jul 2023 20:31

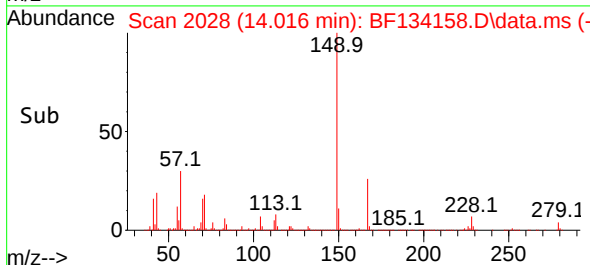
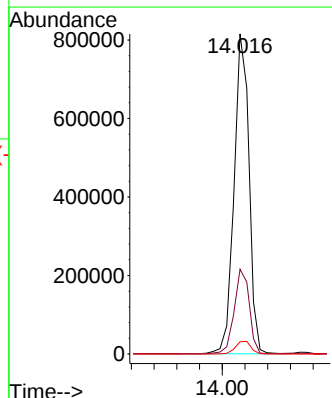
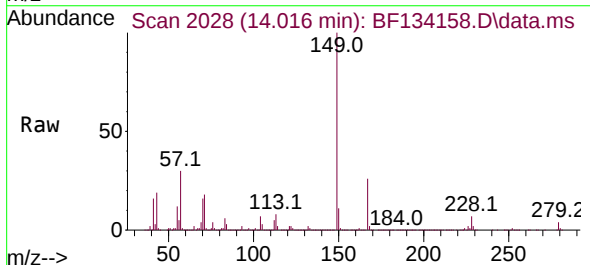
Tgt Ion:149 Resp: 744596

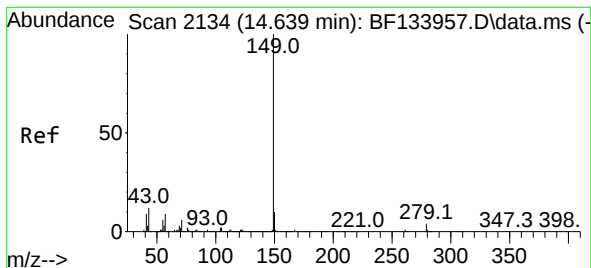
Ion Ratio Lower Upper

149 100

167 26.5 21.0 31.4

279 3.8 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 66.097 ng

RT: 14.639 min Scan# 2134

Delta R.T. 0.000 min

Lab File: BF134158.D

Acq: 08 Jul 2023 20:31

Instrument :

BNA_F

ClientSampleId :

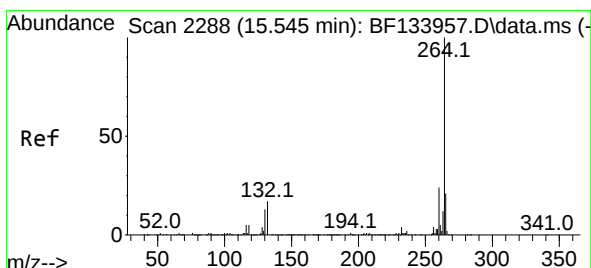
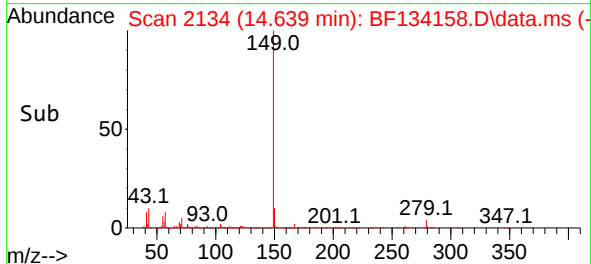
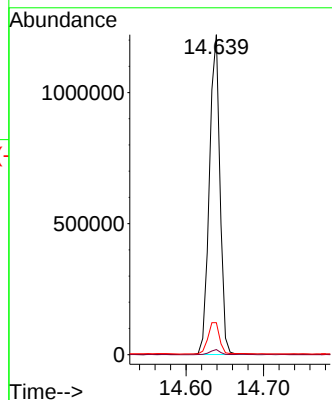
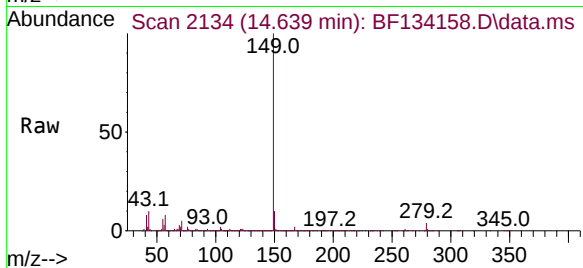
Tgt Ion:149 Resp: 1156105

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 11.0 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2288

Delta R.T. -0.006 min

Lab File: BF134158.D

Acq: 08 Jul 2023 20:31

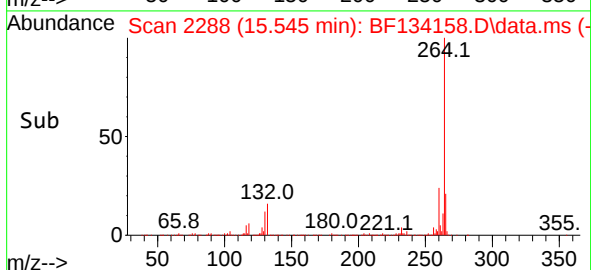
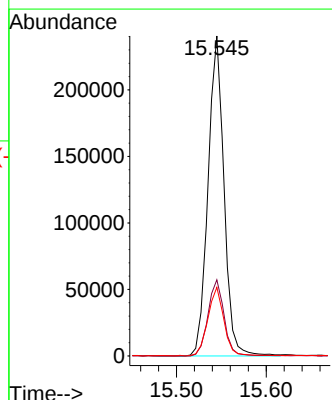
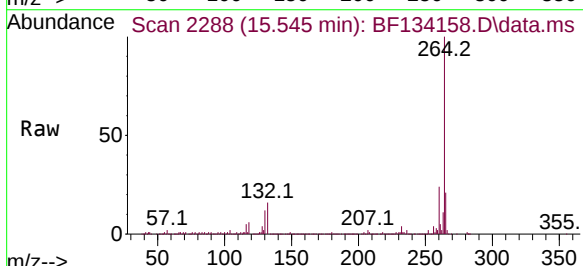
Tgt Ion:264 Resp: 297483

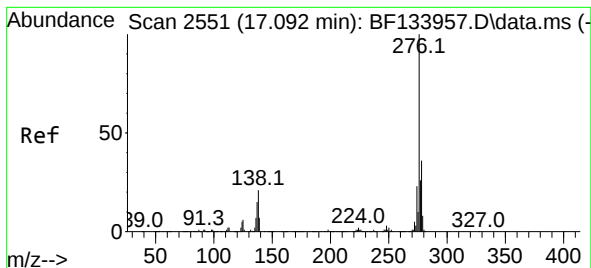
Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

265 21.5 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.276 ng

RT: 17.098 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF134158.D

Acq: 08 Jul 2023 20:31

Instrument :

BNA_F

ClientSampleId :

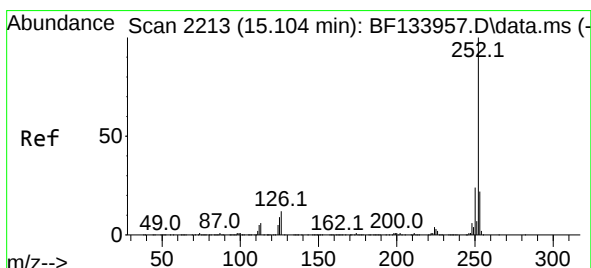
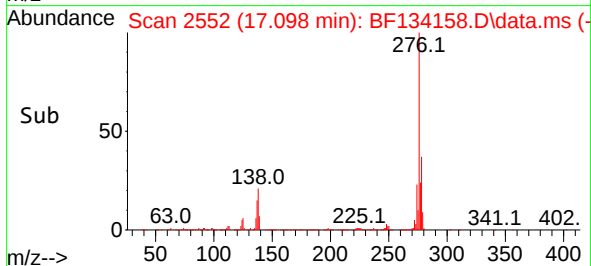
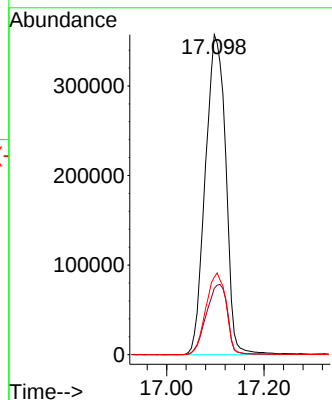
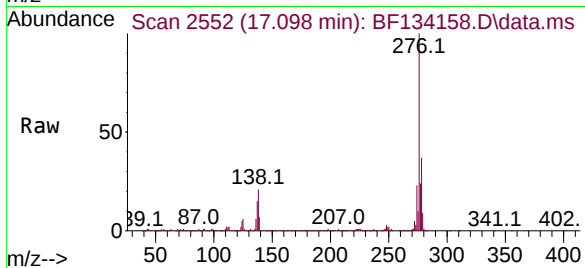
Tgt Ion:276 Resp: 1037821

Ion Ratio Lower Upper

276 100

138 22.7 18.7 28.1

277 25.5 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 52.260 ng

RT: 15.104 min Scan# 2213

Delta R.T. -0.006 min

Lab File: BF134158.D

Acq: 08 Jul 2023 20:31

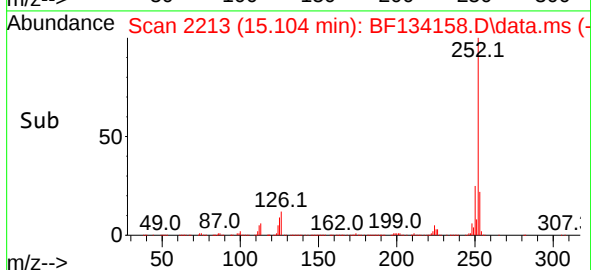
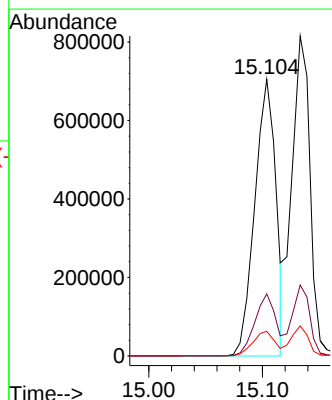
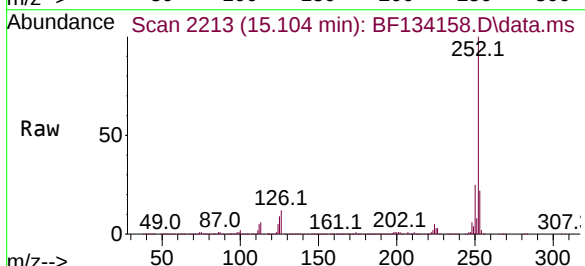
Tgt Ion:252 Resp: 914149

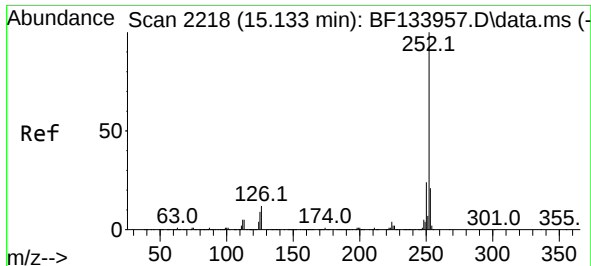
Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.0

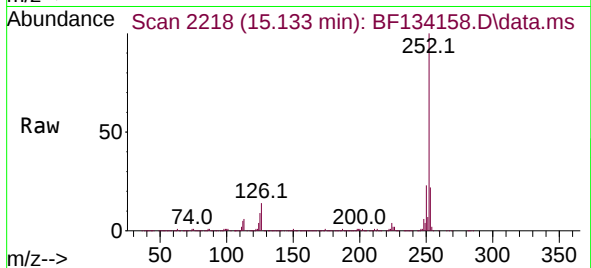
125 8.9 7.1 10.7



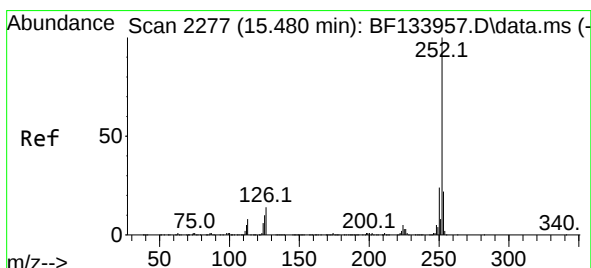
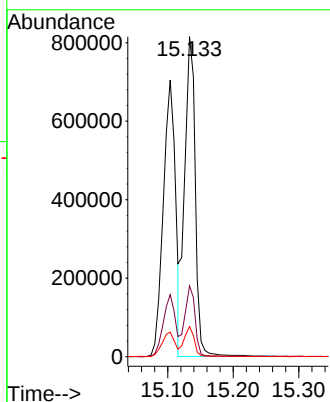
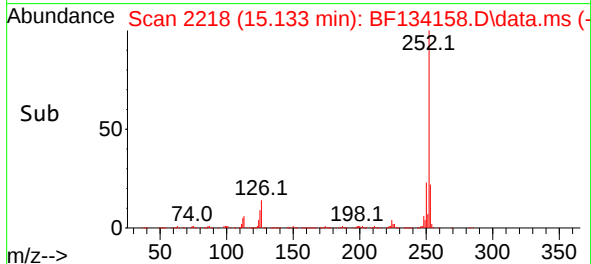


#89
Benzo(k)fluoranthene
Concen: 51.575 ng
RT: 15.133 min Scan# 2218
Delta R.T. -0.006 min
Lab File: BF134158.D
Acq: 08 Jul 2023 20:31

Instrument :
BNA_F
ClientSampleId :

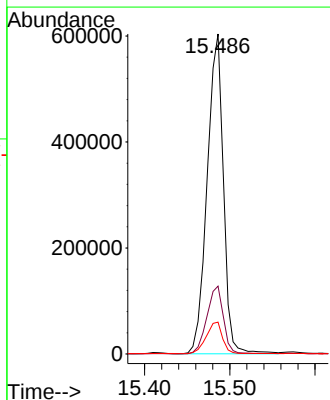
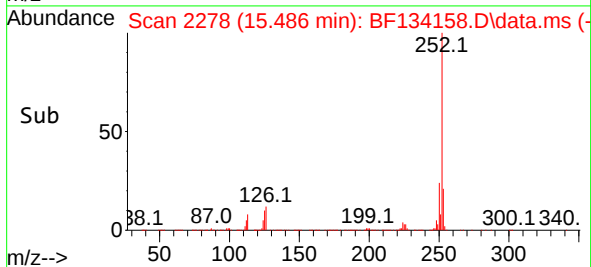
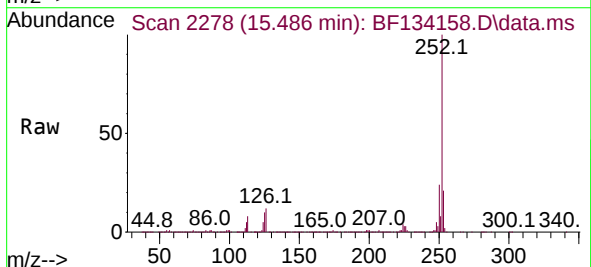


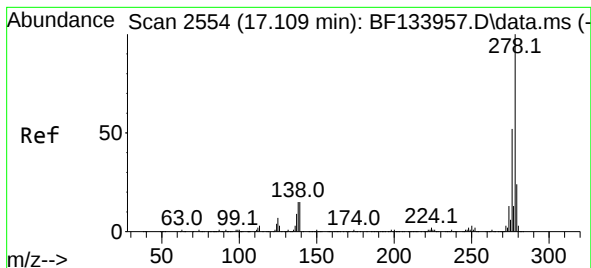
Tgt Ion:252 Resp: 918542
Ion Ratio Lower Upper
252 100
253 22.1 16.9 25.3
125 9.4 7.4 11.2



#90
Benzo(a)pyrene
Concen: 47.306 ng
RT: 15.486 min Scan# 2278
Delta R.T. -0.006 min
Lab File: BF134158.D
Acq: 08 Jul 2023 20:31

Tgt Ion:252 Resp: 800163
Ion Ratio Lower Upper
252 100
253 21.2 17.4 26.0
125 9.9 8.4 12.6





#91

Dibenzo(a,h)anthracene

Concen: 50.666 ng

RT: 17.121 min Scan# 2556

Delta R.T. -0.006 min

Lab File: BF134158.D

Acq: 08 Jul 2023 20:31

Instrument :

BNA_F

ClientSampleId :

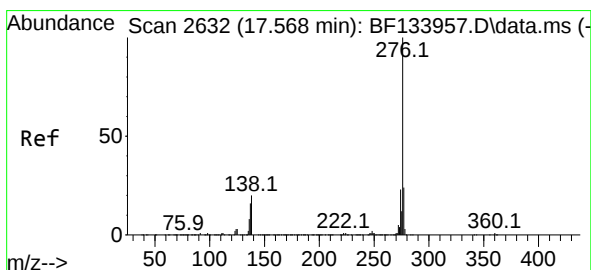
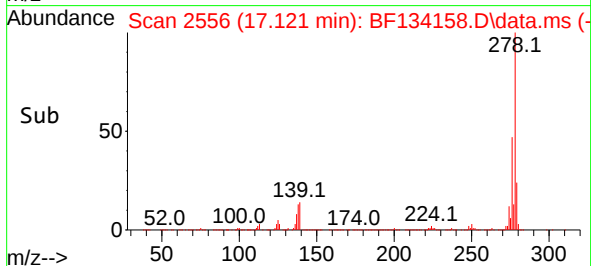
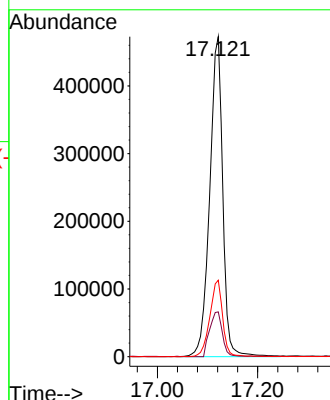
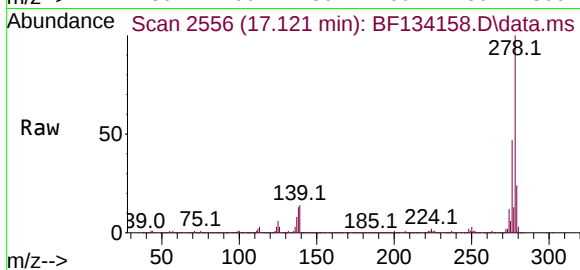
Tgt Ion:278 Resp: 854257

Ion Ratio Lower Upper

278 100

139 14.0 12.2 18.4

279 23.9 19.4 29.2



#92

Benzo(g,h,i)perylene

Concen: 47.241 ng

RT: 17.574 min Scan# 2633

Delta R.T. -0.006 min

Lab File: BF134158.D

Acq: 08 Jul 2023 20:31

Tgt Ion:276 Resp: 821380

Ion Ratio Lower Upper

276 100

277 22.8 19.0 28.6

138 19.4 16.2 24.2

