

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
 Data File : BF134213.D
 Acq On : 11 Jul 2023 14:33
 Operator : CG\JU
 Sample : PB153792BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 12 01:04:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 11 13:06:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	103679	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	394125	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	198697	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	394675	20.000	ng	0.00
76) Chrysene-d12	14.039	240	240493	20.000	ng	0.00
86) Perylene-d12	15.545	264	226976	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	835819	134.852	ng	0.01
7) Phenol-d6	6.487	99	983496	129.027	ng	0.00
23) Nitrobenzene-d5	7.410	82	577984	79.052	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	297588	119.453	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1080794	79.083	ng	0.00
79) Terphenyl-d14	12.974	244	1339433	89.637	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.704	88	120693	47.226	ng	98
3) Pyridine	3.487	79	244076	36.666	ng	94
4) n-Nitrosodimethylamine	3.440	42	183166	48.177	ng	96
6) Aniline	6.510	93	244915	26.405	ng	92
8) 2-Chlorophenol	6.634	128	329861	52.427	ng	95
9) Benzaldehyde	6.398	77	123185	26.945	ng	99
10) Phenol	6.498	94	395086	49.297	ng	97
11) bis(2-Chloroethyl)ether	6.581	93	312939	53.037	ng	99
12) 1,3-Dichlorobenzene	6.787	146	299898	44.709	ng	98
13) 1,4-Dichlorobenzene	6.863	146	304995	45.017	ng	99
14) 1,2-Dichlorobenzene	7.010	146	289098	45.562	ng	99
15) Benzyl Alcohol	6.992	79	246258	41.908	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.122	45	426055	40.816	ng	96
17) 2-Methylphenol	7.104	107	235609	41.818	ng	98
18) Hexachloroethane	7.351	117	116699	46.454	ng	97
19) n-Nitroso-di-n-propyla...	7.263	70	196879	40.729	ng	98
20) 3+4-Methylphenols	7.257	107	281621	41.202	ng	98
22) Acetophenone	7.257	105	399048	44.520	ng	# 98
24) Nitrobenzene	7.428	77	307471	41.615	ng	95
25) Isophorone	7.663	82	538531	40.528	ng	98
26) 2-Nitrophenol	7.745	139	153782	43.388	ng	98
27) 2,4-Dimethylphenol	7.781	122	241256	43.002	ng	95
28) bis(2-Chloroethoxy)met...	7.875	93	312243	40.582	ng	100
29) 2,4-Dichlorophenol	7.986	162	232462	41.784	ng	96
30) 1,2,4-Trichlorobenzene	8.069	180	249117	43.396	ng	99
31) Naphthalene	8.145	128	794258	41.721	ng	99
32) Benzoic acid	7.910	122	175839	41.826	ng	98
33) 4-Chloroaniline	8.198	127	101866	12.509	ng	97
34) Hexachlorobutadiene	8.257	225	159896	44.156	ng	97
35) Caprolactam	8.575	113	61044	33.324	ng	98
36) 4-Chloro-3-methylphenol	8.686	107	265630	42.502	ng	96
37) 2-Methylnaphthalene	8.839	142	528684	39.271	ng	99
38) 1-Methylnaphthalene	8.939	142	494062	39.477	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	263674	44.791	ng	98
41) Hexachlorocyclopentadiene	8.992	237	233202	83.502	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	166095	41.448	ng	99

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 ALS Vial : 11 Sample Multiplier: 1

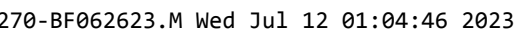
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 ClientSampleId :

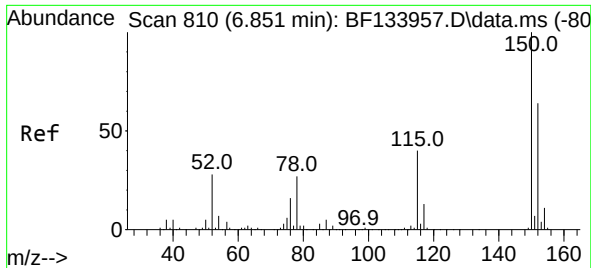
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 11 13:06:48 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	178587	37.886	ng	98
46) 1,1'-Biphenyl	9.304	154	673225	42.238	ng	99
47) 2-Chloronaphthalene	9.333	162	502075	43.053	ng	99
48) 2-Nitroaniline	9.433	65	177463	41.755	ng	93
49) Acenaphthylene	9.745	152	808125	40.566	ng	99
50) Dimethylphthalate	9.610	163	577359	40.029	ng	99
51) 2,6-Dinitrotoluene	9.675	165	131627	42.371	ng	94
52) Acenaphthene	9.922	154	474658	41.062	ng	99
53) 3-Nitroaniline	9.845	138	103802	27.852	ng	98
54) 2,4-Dinitrophenol	9.957	184	141358	78.850	ng	93
55) Dibenzofuran	10.092	168	733038	40.576	ng	99
56) 4-Nitrophenol	10.016	139	193503	74.227	ng	96
57) 2,4-Dinitrotoluene	10.086	165	176893	43.117	ng	95
58) Fluorene	10.439	166	579238	41.213	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	164129	44.142	ng	95
60) Diethylphthalate	10.310	149	603939	40.190	ng	98
61) 4-Chlorophenyl-phenyle...	10.428	204	272609	40.248	ng	98
62) 4-Nitroaniline	10.463	138	141918	37.785	ng	97
63) Azobenzene	10.592	77	563078	39.613	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	100442	46.679	ng	86
66) n-Nitrosodiphenylamine	10.551	169	508349	40.313	ng	99
67) 4-Bromophenyl-phenylether	10.922	248	172012	41.005	ng	97
68) Hexachlorobenzene	10.986	284	200842	45.092	ng	96
69) Atrazine	11.080	200	139503	39.995	ng	100
70) Pentachlorophenol	11.186	266	188329	70.717	ng	99
71) Phenanthrene	11.404	178	825574	41.552	ng	99
72) Anthracene	11.457	178	857880	41.512	ng	99
73) Carbazole	11.616	167	811499	42.902	ng	99
74) Di-n-butylphthalate	11.945	149	938081	41.704	ng	100
75) Fluoranthene	12.598	202	914207	42.561	ng	99
77) Benzidine	12.727	184	150936	26.376	ng	99
78) Pyrene	12.833	202	943886	42.173	ng	99
80) Butylbenzylphthalate	13.451	149	371434	44.250	ng	99
81) Benzo(a)anthracene	14.033	228	715624	42.907	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	177797	33.647	ng	# 98
83) Chrysene	14.068	228	656194	40.620	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	427019	44.273	ng	99
85) Di-n-octyl phthalate	14.633	149	612814	43.240	ng	99
87) Indeno(1,2,3-cd)pyrene	17.098	276	780693	49.568	ng	100
88) Benzo(b)fluoranthene	15.098	252	617905	46.298	ng	98
89) Benzo(k)fluoranthene	15.133	252	588220	43.288	ng	99
90) Benzo(a)pyrene	15.480	252	553785	42.910	ng	99
91) Dibenzo(a,h)anthracene	17.109	278	643713	50.039	ng	99
92) Benzo(g,h,i)perylene	17.568	276	653023	49.225	ng	100

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

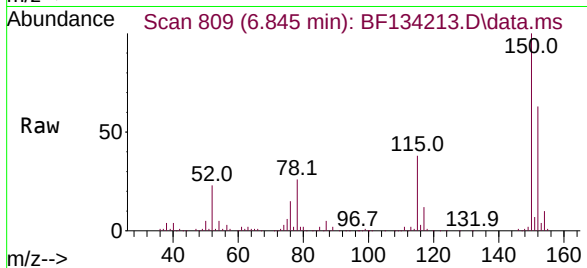
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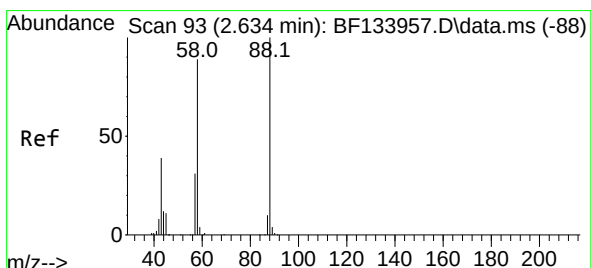
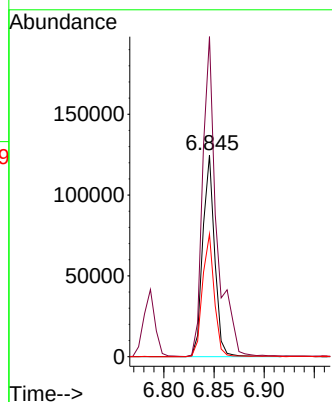
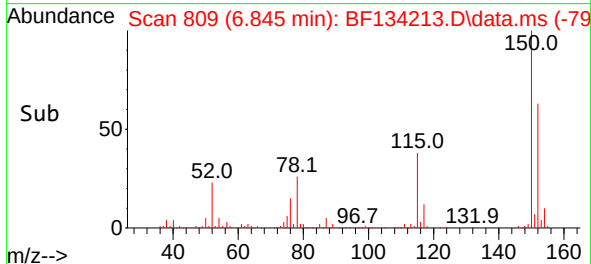


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF134213.D
 Acq: 11 Jul 2023 14:33

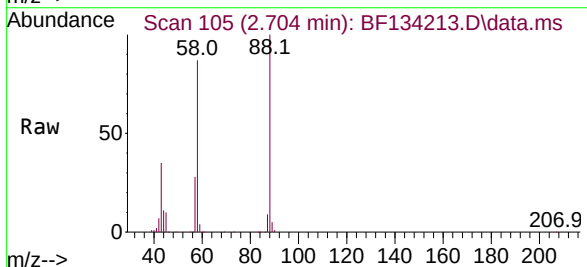
Instrument :
 BNA_F
 ClientSampleId :



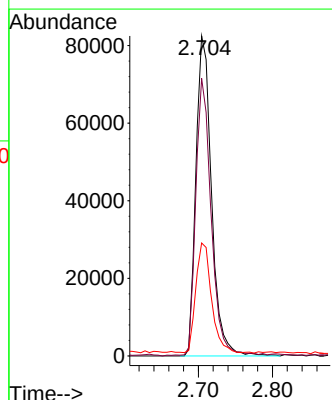
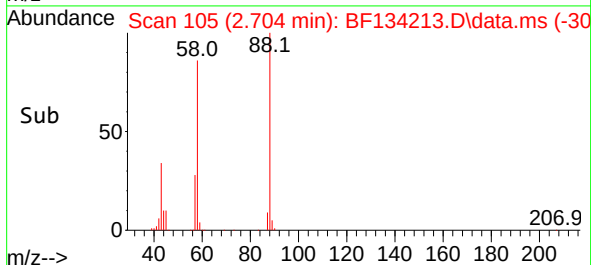
Tgt Ion:152 Resp: 103679
 Ion Ratio Lower Upper
 152 100
 150 158.7 124.5 186.7
 115 60.8 50.2 75.2

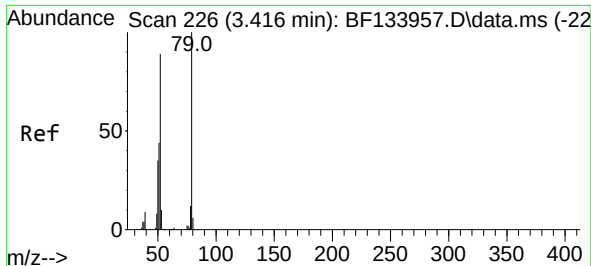


#2
 1,4-Dioxane
 Concen: 47.226 ng
 RT: 2.704 min Scan# 105
 Delta R.T. 0.088 min
 Lab File: BF134213.D
 Acq: 11 Jul 2023 14:33



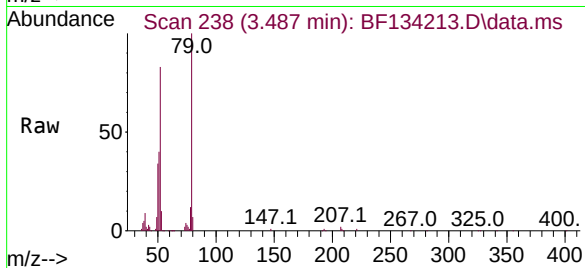
Tgt Ion: 88 Resp: 120693
 Ion Ratio Lower Upper
 88 100
 58 86.2 68.8 103.2
 43 34.3 30.7 46.1



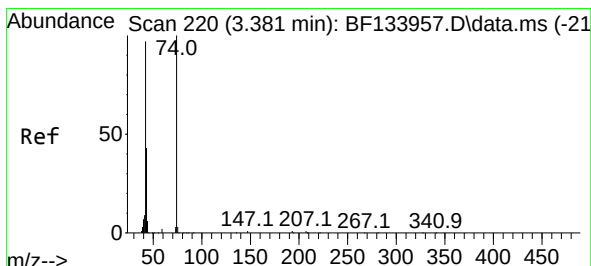
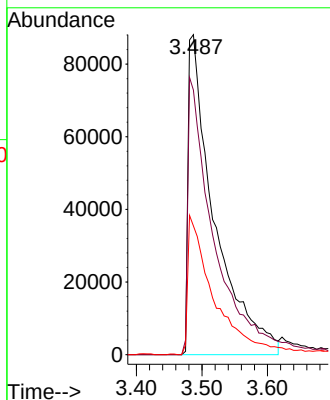
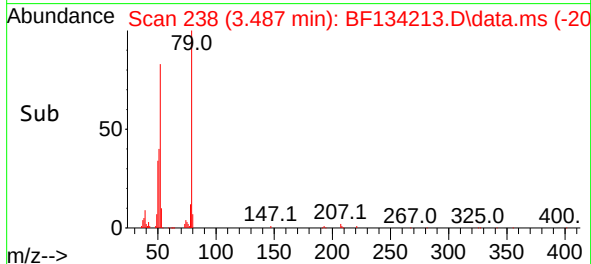


#3
 Pyridine
 Concen: 36.666 ng
 RT: 3.487 min Scan# 21
 Delta R.T. 0.088 min
 Lab File: BF134213.D
 Acq: 11 Jul 2023 14:33

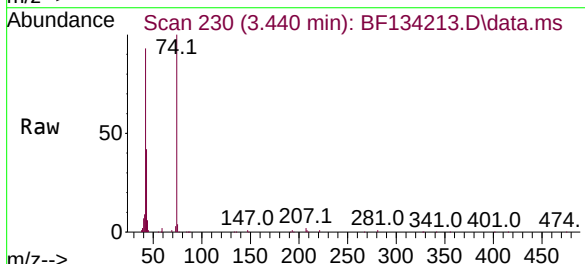
Instrument :
 BNA_F
 ClientSampleId :



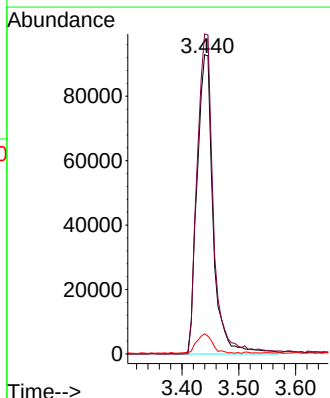
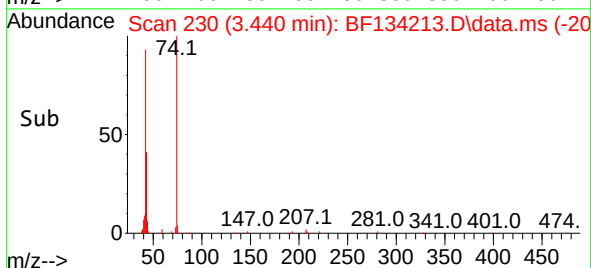
Tgt Ion: 79 Resp: 244076
 Ion Ratio Lower Upper
 79 100
 52 82.7 71.1 106.7
 51 40.3 35.2 52.8

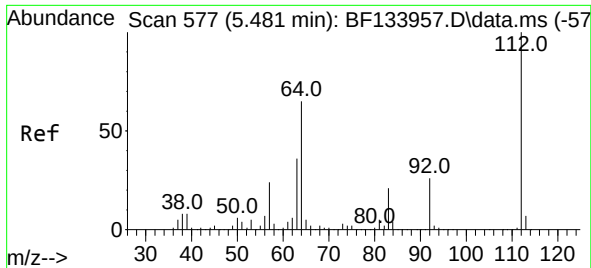


#4
 n-Nitrosodimethylamine
 Concen: 48.177 ng
 RT: 3.440 min Scan# 230
 Delta R.T. 0.076 min
 Lab File: BF134213.D
 Acq: 11 Jul 2023 14:33



Tgt Ion: 42 Resp: 183166
 Ion Ratio Lower Upper
 42 100
 74 107.0 82.4 123.6
 44 6.7 4.9 7.3

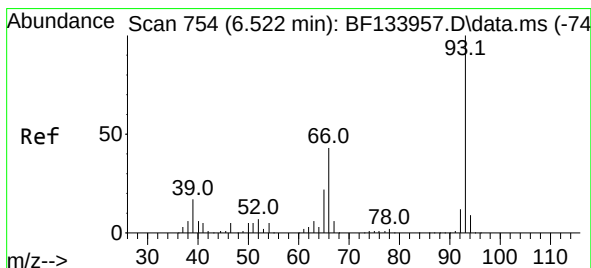
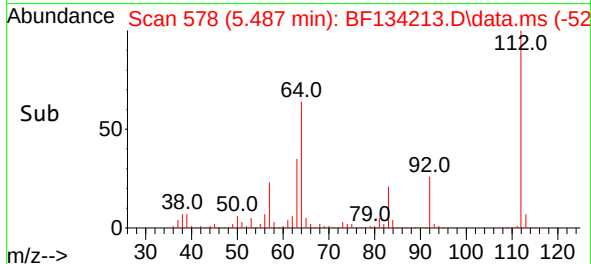
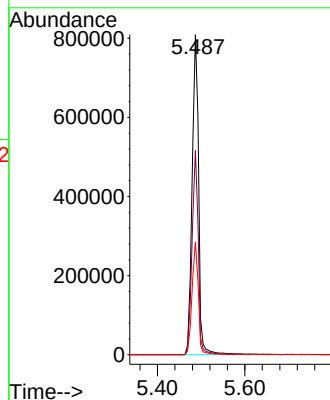
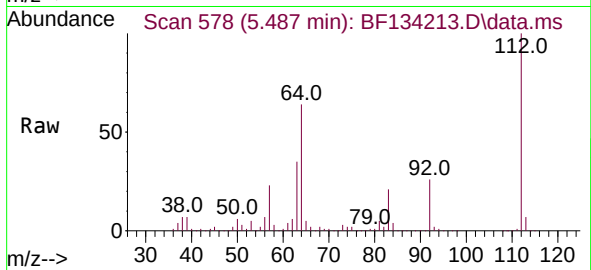




#5
2-Fluorophenol
Concen: 134.852 ng
RT: 5.487 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF134213.D
Acq: 11 Jul 2023 14:33

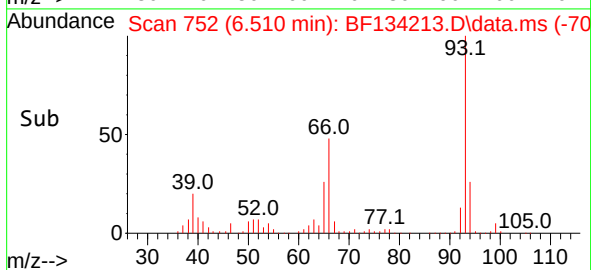
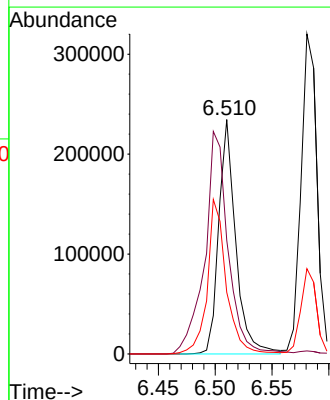
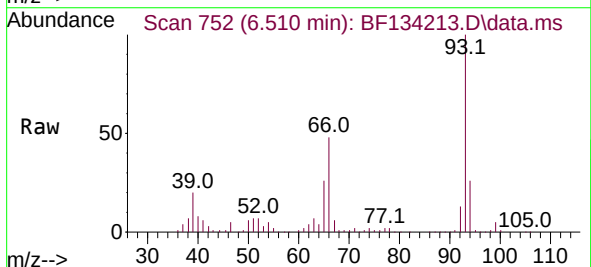
Instrument :
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ClientSampleId :

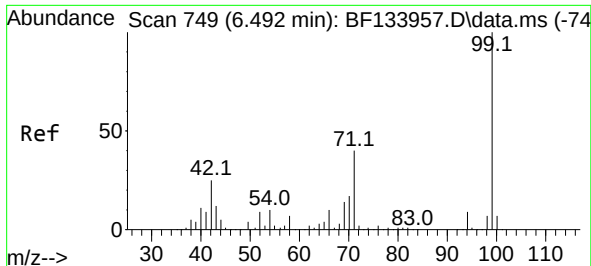
Tgt Ion:112 Resp: 835819
Ion Ratio Lower Upper
112 100
64 63.8 52.1 78.1
63 35.2 28.6 42.8



#6
Aniline
Concen: 26.405 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF134213.D
Acq: 11 Jul 2023 14:33

Tgt Ion: 93 Resp: 244915
Ion Ratio Lower Upper
93 100
66 48.5 34.5 51.7
65 26.3 17.8 26.6

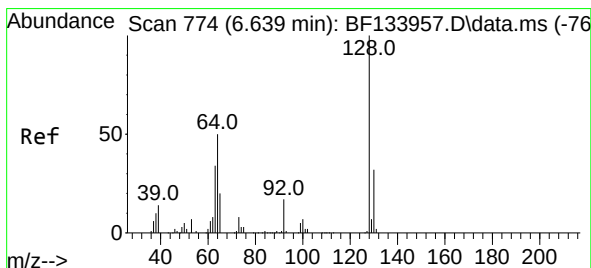
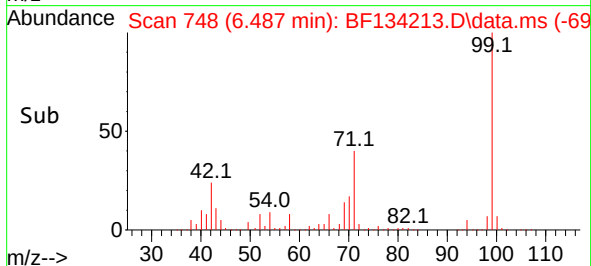
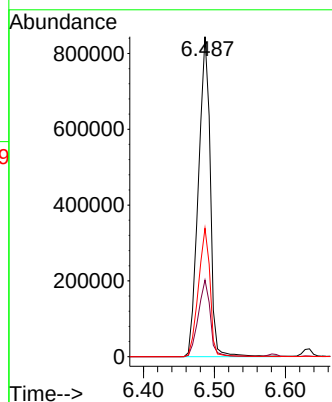
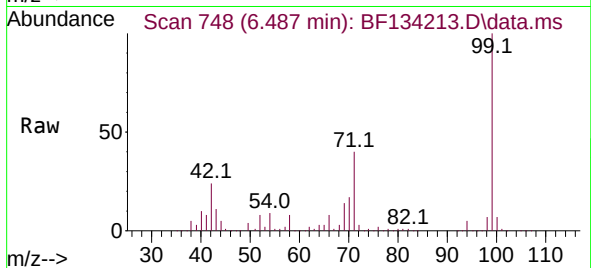




#7
Phenol-d6
Concen: 129.027 ng
RT: 6.487 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF134213.D
Acq: 11 Jul 2023 14:33

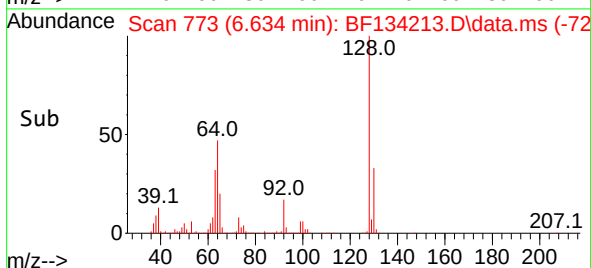
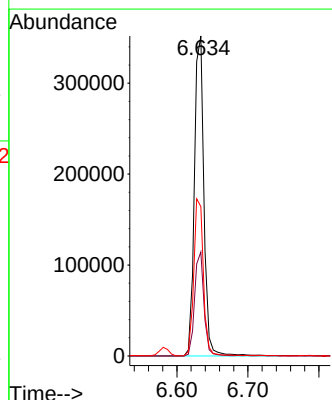
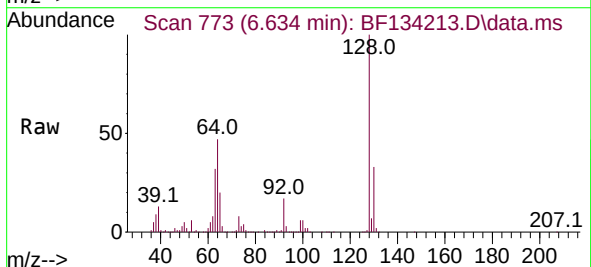
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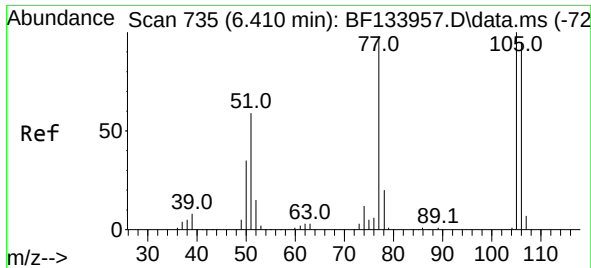
Tgt Ion: 99 Resp: 983496
Ion Ratio Lower Upper
99 100
42 23.9 19.8 29.6
71 40.2 31.9 47.9



#8
2-Chlorophenol
Concen: 52.427 ng
RT: 6.634 min Scan# 773
Delta R.T. 0.000 min
Lab File: BF134213.D
Acq: 11 Jul 2023 14:33

Tgt Ion:128 Resp: 329861
Ion Ratio Lower Upper
128 100
130 32.5 11.7 51.7
64 46.7 31.3 71.3





#9

Benzaldehyde

Concen: 26.945 ng

RT: 6.398 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF134213.D

Acq: 11 Jul 2023 14:33

Instrument :

BNA_F

ClientSampleId :

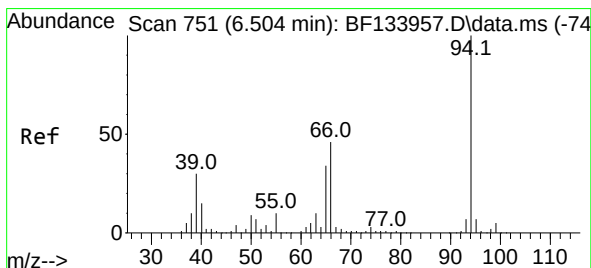
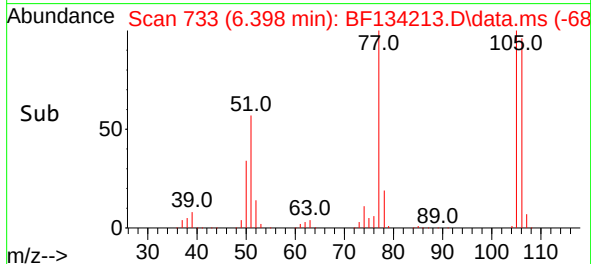
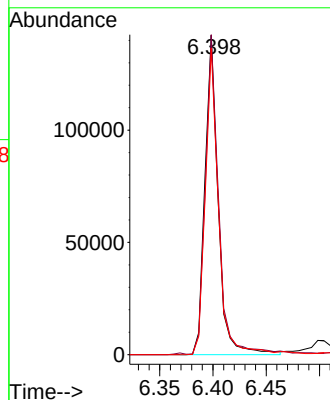
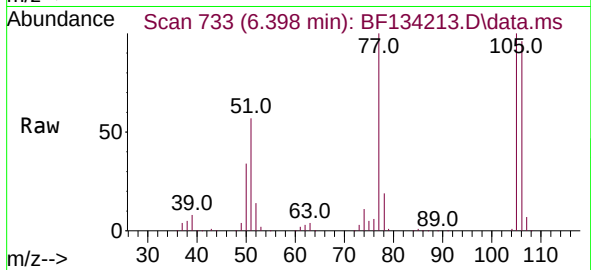
Tgt Ion: 77 Resp: 123185

Ion Ratio Lower Upper

77 100

105 100.1 82.0 122.0

106 95.9 76.9 116.9



#10

Phenol

Concen: 49.297 ng

RT: 6.498 min Scan# 750

Delta R.T. 0.000 min

Lab File: BF134213.D

Acq: 11 Jul 2023 14:33

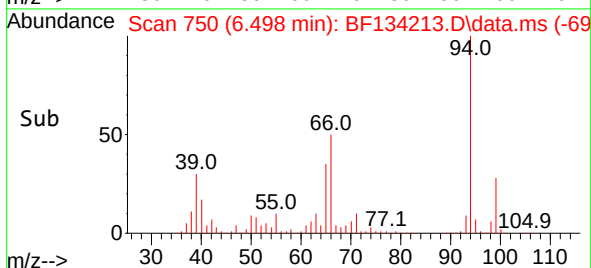
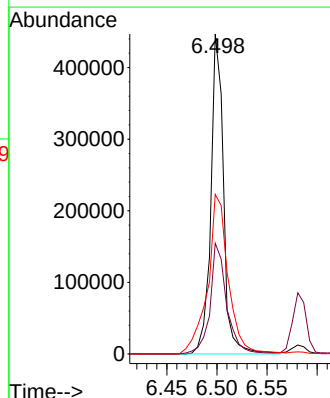
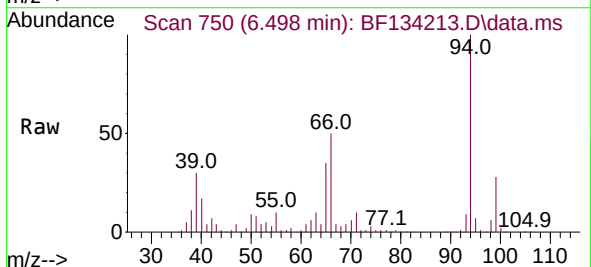
Tgt Ion: 94 Resp: 395086

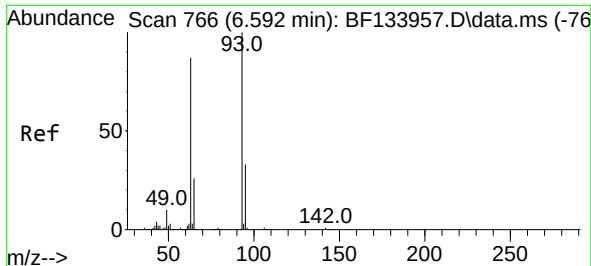
Ion Ratio Lower Upper

94 100

65 34.6 14.2 54.2

66 49.8 26.4 66.4





#11

bis(2-Chloroethyl)ether

Concen: 53.037 ng

RT: 6.581 min Scan# 764

Delta R.T. -0.006 min

Lab File: BF134213.D

Acq: 11 Jul 2023 14:33

Instrument :

BNA_F

ClientSampleId :

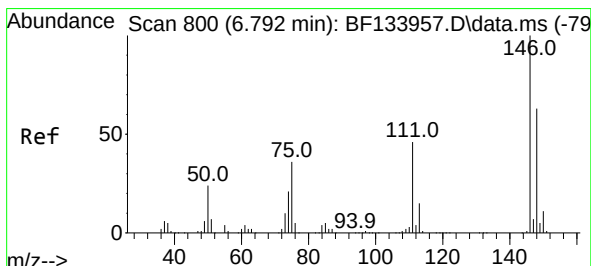
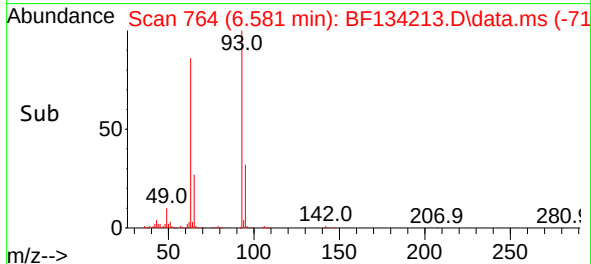
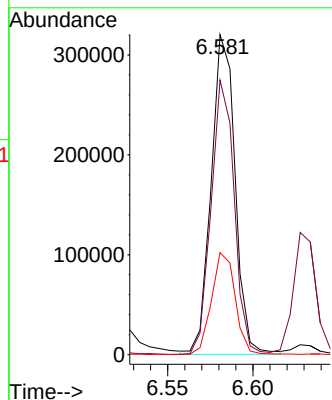
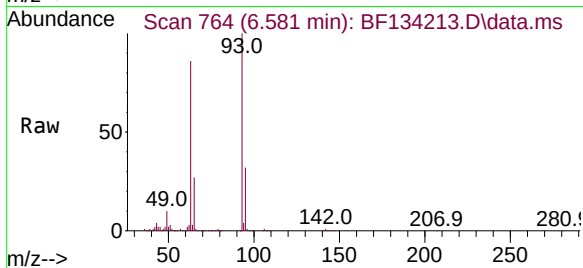
Tgt Ion: 93 Resp: 312939

Ion Ratio Lower Upper

93 100

63 85.8 66.5 106.5

95 31.9 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 44.709 ng

RT: 6.787 min Scan# 799

Delta R.T. 0.000 min

Lab File: BF134213.D

Acq: 11 Jul 2023 14:33

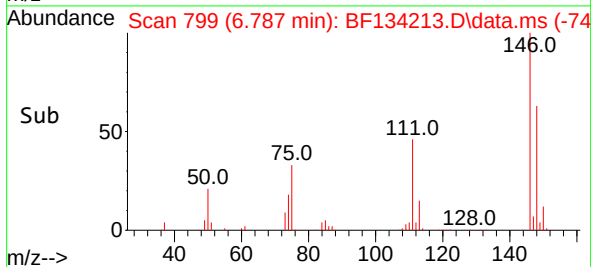
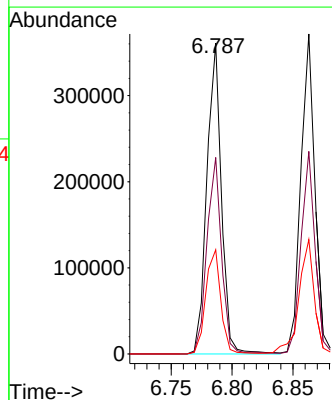
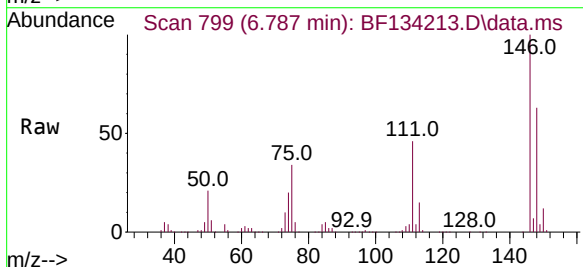
Tgt Ion:146 Resp: 299898

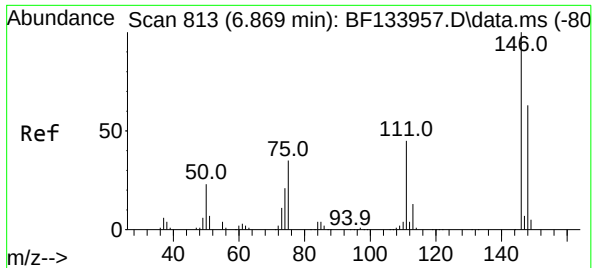
Ion Ratio Lower Upper

146 100

148 63.2 50.5 75.7

75 33.5 29.0 43.6

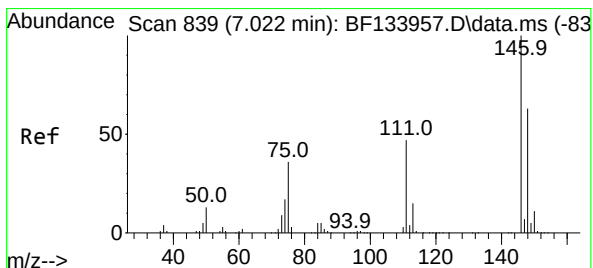
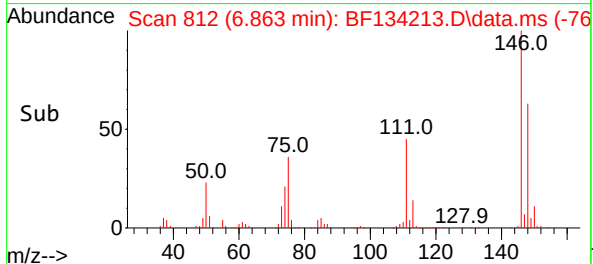
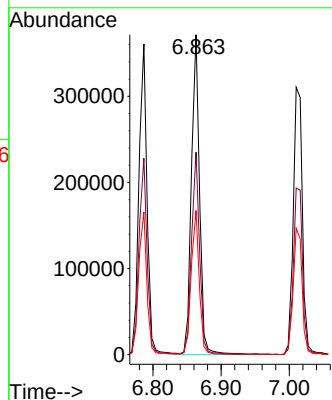
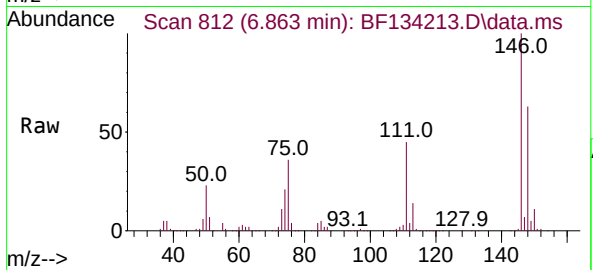




#13
1,4-Dichlorobenzene
Concen: 45.017 ng
RT: 6.863 min Scan# 813
Delta R.T. 0.000 min
Lab File: BF134213.D
Acq: 11 Jul 2023 14:33

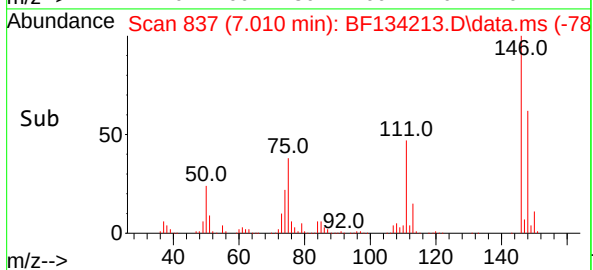
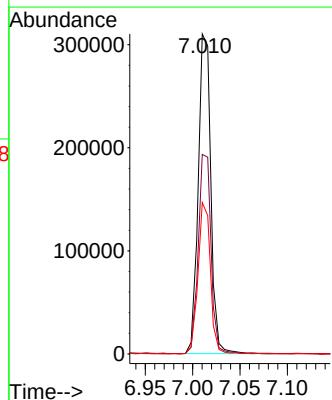
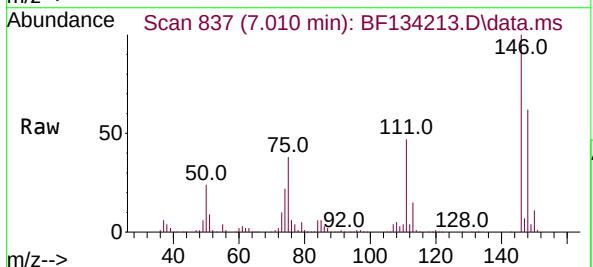
Instrument :
BNA_F
ClientSampleId :

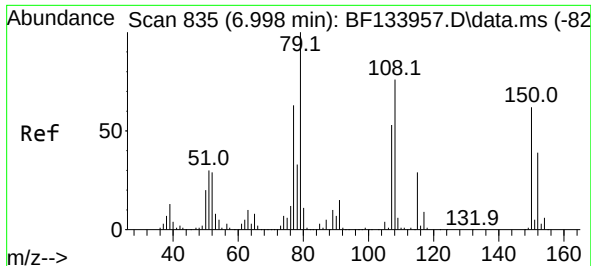
Tgt Ion:146 Resp: 304995
Ion Ratio Lower Upper
146 100
148 63.3 50.2 75.2
111 45.0 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 45.562 ng
RT: 7.010 min Scan# 837
Delta R.T. -0.006 min
Lab File: BF134213.D
Acq: 11 Jul 2023 14:33

Tgt Ion:146 Resp: 289098
Ion Ratio Lower Upper
146 100
148 62.4 50.6 76.0
111 47.3 38.0 57.0

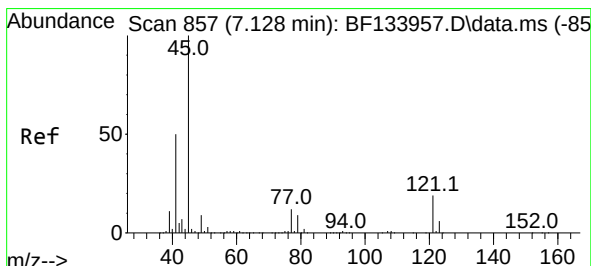
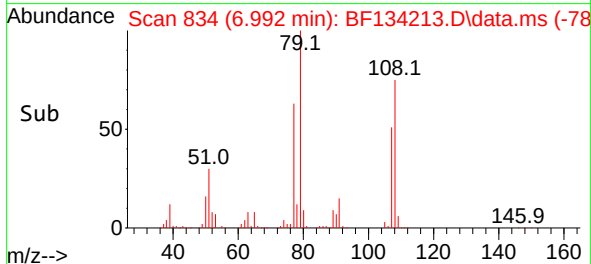
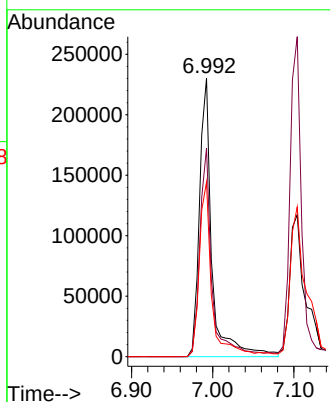
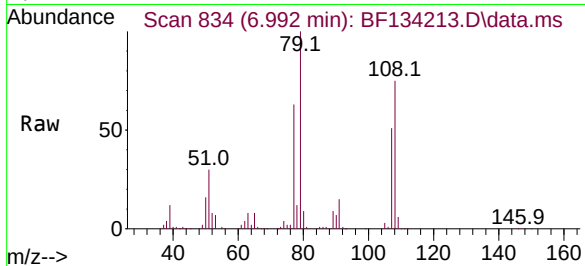




#15
Benzyl Alcohol
Concen: 41.908 ng
RT: 6.992 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF134213.D
Acq: 11 Jul 2023 14:33

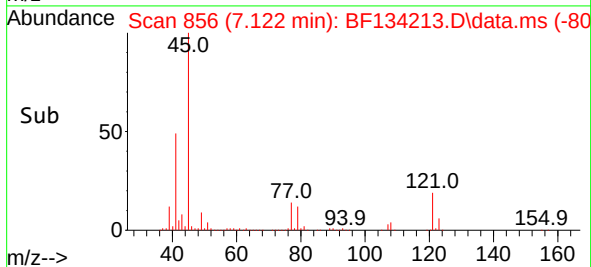
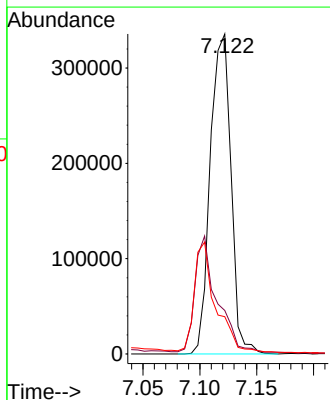
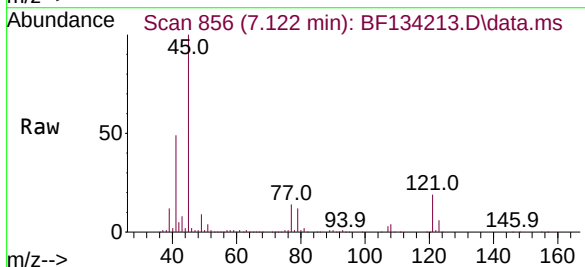
Instrument :
BNA_F
ClientSampleId :

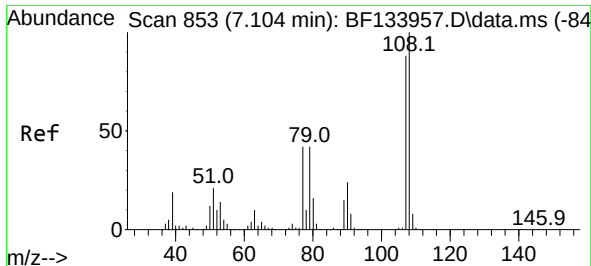
Tgt Ion: 79 Resp: 246258
Ion Ratio Lower Upper
79 100
108 74.9 60.7 91.1
77 62.7 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.816 ng
RT: 7.122 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF134213.D
Acq: 11 Jul 2023 14:33

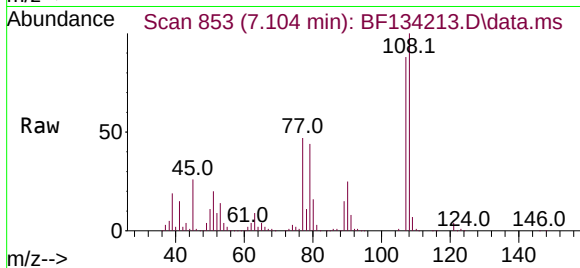
Tgt Ion: 45 Resp: 426055
Ion Ratio Lower Upper
45 100
77 13.6 0.0 32.9
79 11.7 0.0 29.5



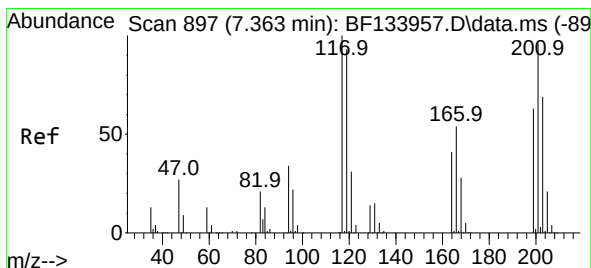
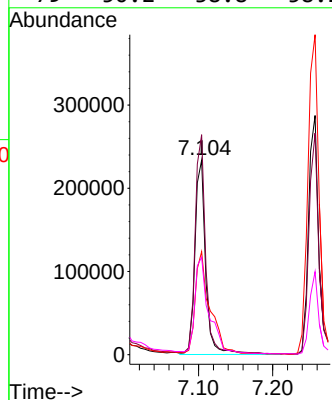
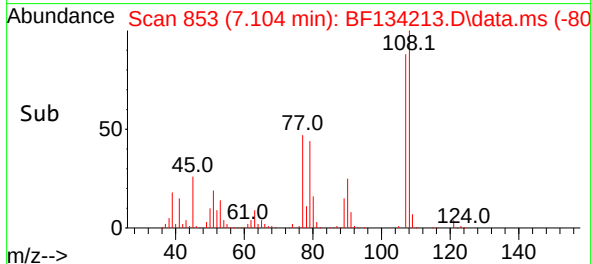


#17
2-Methylphenol
Concen: 41.818 ng
RT: 7.104 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF134213.D
Acq: 11 Jul 2023 14:33

Instrument :
BNA_F
ClientSampleId :

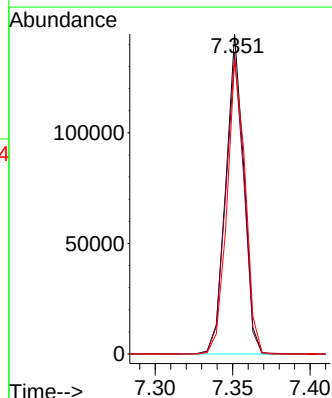
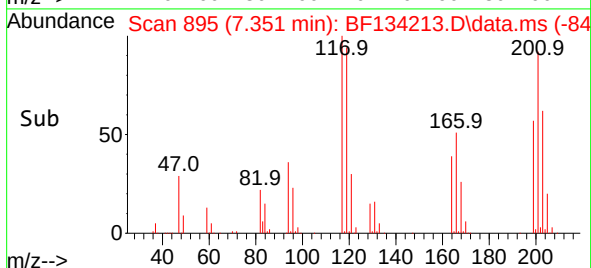
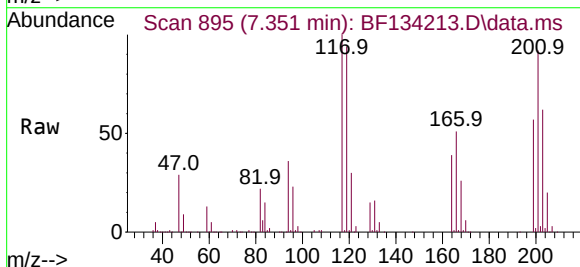


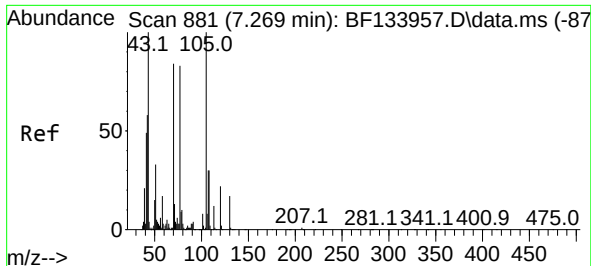
Tgt Ion:	107	Resp:	235609
Ion	Ratio	Lower	Upper
107	100		
108	113.1	90.6	136.0
77	52.9	38.3	57.5
79	50.2	38.8	58.2



#18
Hexachloroethane
Concen: 46.454 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.000 min
Lab File: BF134213.D
Acq: 11 Jul 2023 14:33

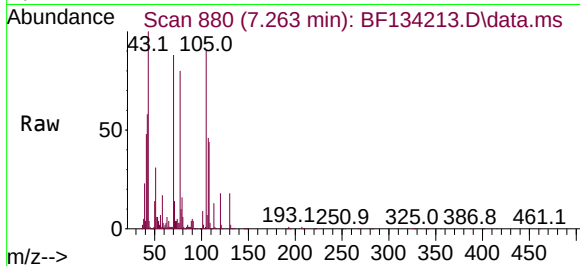
Tgt Ion:	117	Resp:	116699
Ion	Ratio	Lower	Upper
117	100		
119	94.0	74.2	111.4
201	91.9	77.2	115.8



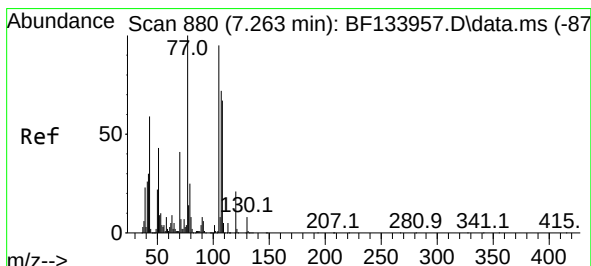
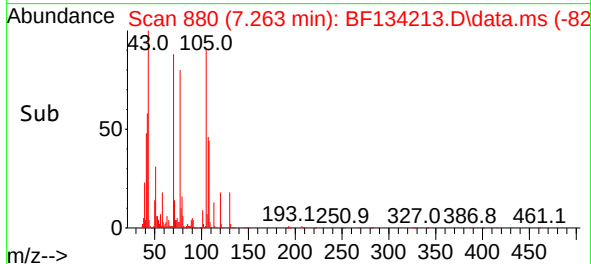
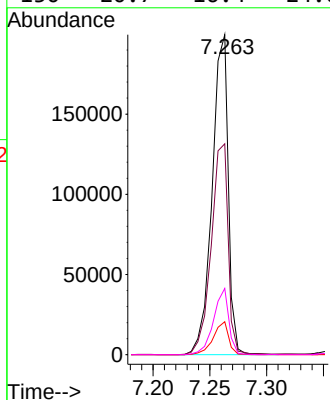


#19
n-Nitroso-di-n-propylamine
Concen: 40.729 ng
RT: 7.263 min Scan# 819
Delta R.T. 0.006 min
Lab File: BF134213.D
Acq: 11 Jul 2023 14:33

Instrument :
BNA_F
ClientSampleId :

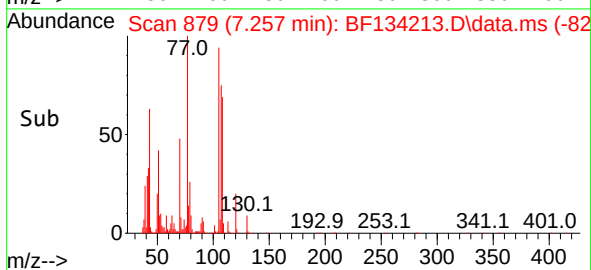
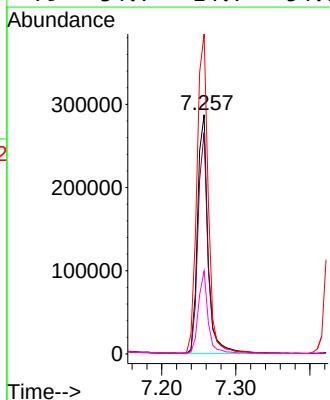
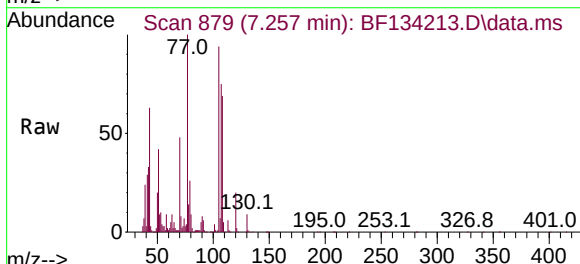


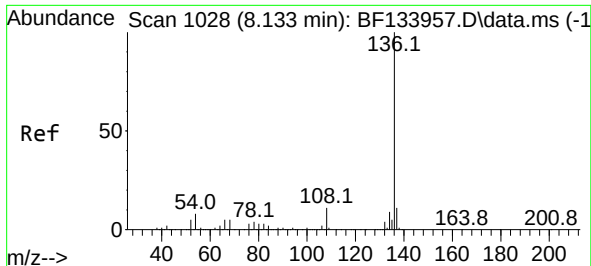
Tgt Ion: 70 Resp: 196879
Ion Ratio Lower Upper
70 100
42 65.9 54.7 82.1
101 10.3 7.7 11.5
130 20.7 16.4 24.6



#20
3+4-Methylphenols
Concen: 41.202 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF134213.D
Acq: 11 Jul 2023 14:33

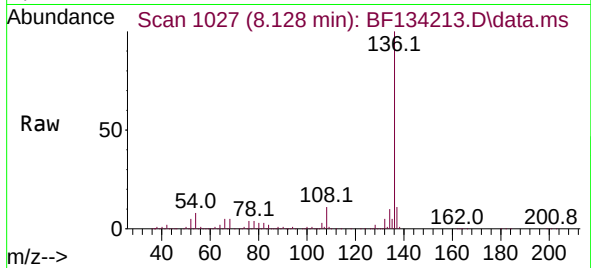
Tgt Ion: 107 Resp: 281621
Ion Ratio Lower Upper
107 100
108 92.6 73.2 113.2
77 133.8 118.3 158.3
79 34.7 14.7 54.7



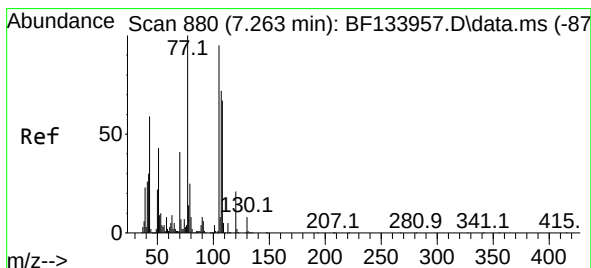
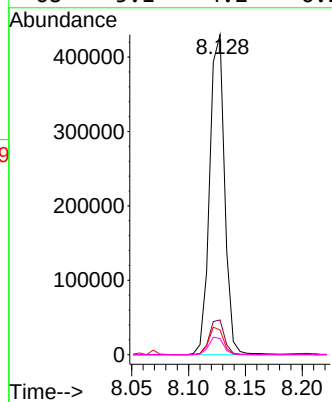
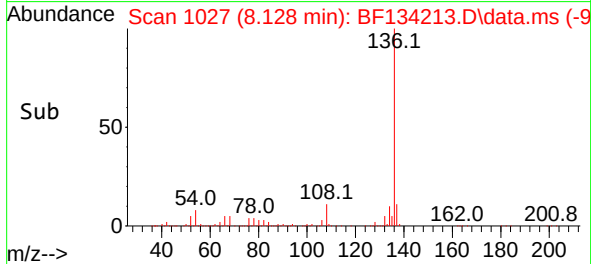


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF134213.D
Acq: 11 Jul 2023 14:33

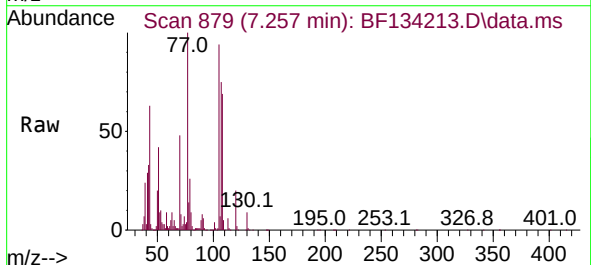
Instrument :
BNA_F
ClientSampleId :



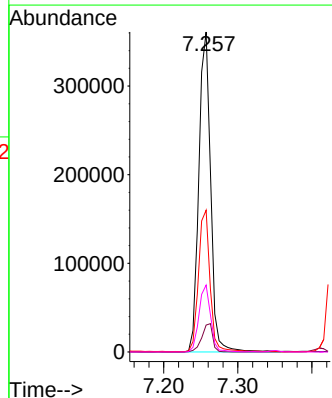
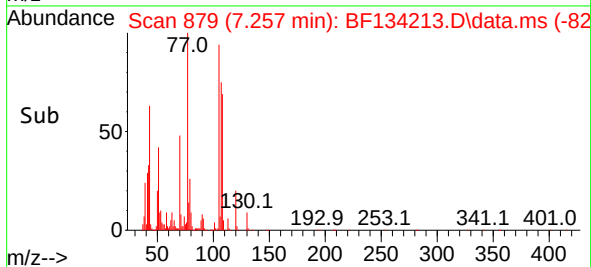
Tgt Ion:136 Resp: 394125
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 7.7 6.5 9.7
68 5.1 4.2 6.2

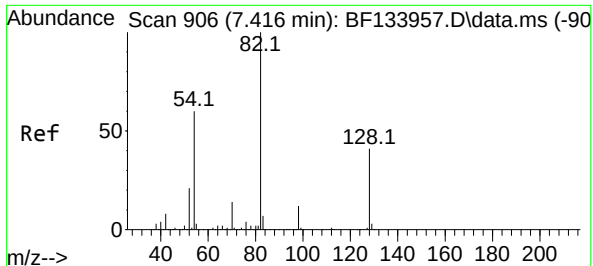


#22
Acetophenone
Concen: 44.520 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.000 min
Lab File: BF134213.D
Acq: 11 Jul 2023 14:33



Tgt Ion:105 Resp: 399048
Ion Ratio Lower Upper
105 100
71 8.4 5.5 8.3#
51 44.3 36.5 54.7
120 20.9 17.3 25.9





#23

Nitrobenzene-d5

Concen: 79.052 ng

RT: 7.410 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF134213.D

Acq: 11 Jul 2023 14:33

Instrument :

BNA_F

ClientSampleId :

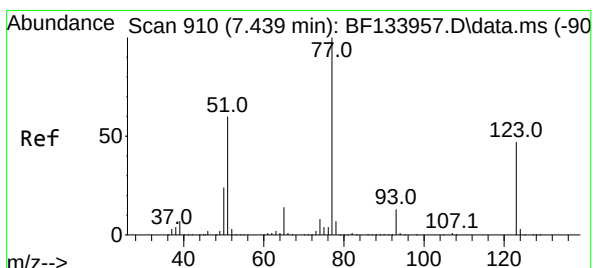
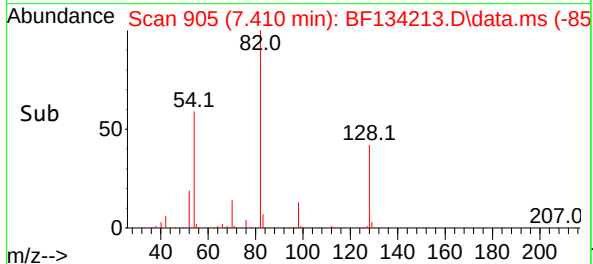
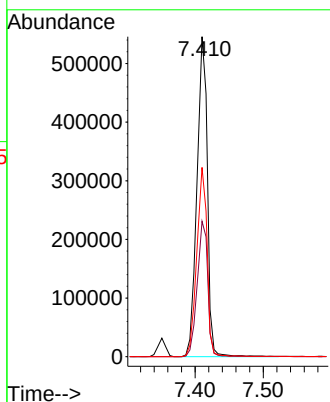
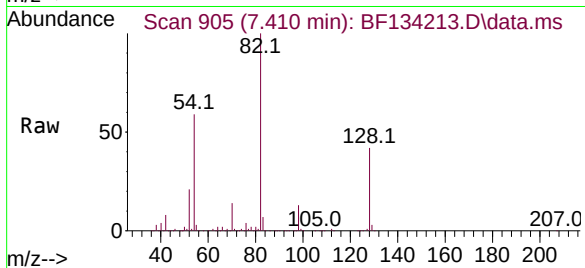
Tgt Ion: 82 Resp: 577984

Ion Ratio Lower Upper

82 100

128 42.3 32.5 48.7

54 59.2 48.2 72.2



#24

Nitrobenzene

Concen: 41.615 ng

RT: 7.428 min Scan# 908

Delta R.T. 0.000 min

Lab File: BF134213.D

Acq: 11 Jul 2023 14:33

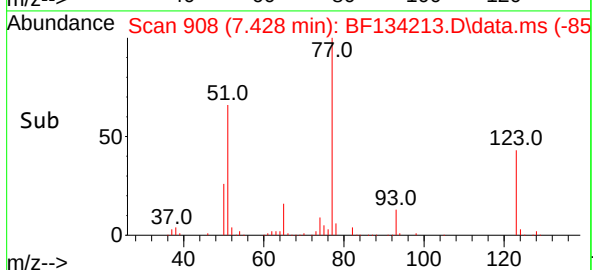
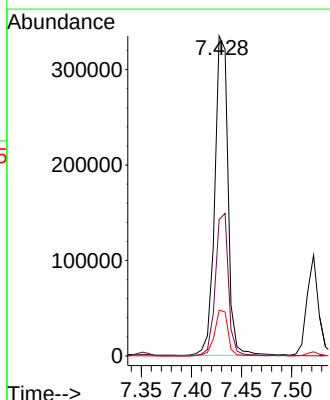
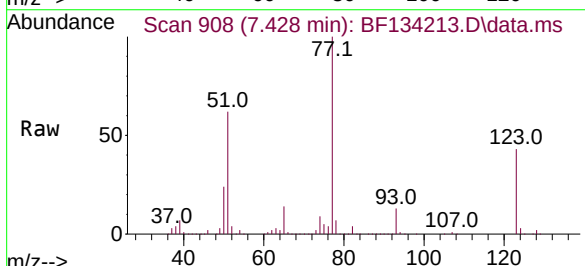
Tgt Ion: 77 Resp: 307471

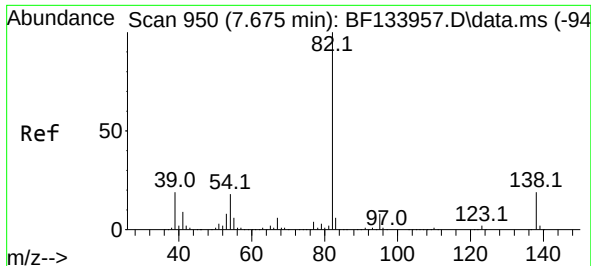
Ion Ratio Lower Upper

77 100

123 42.7 37.8 56.6

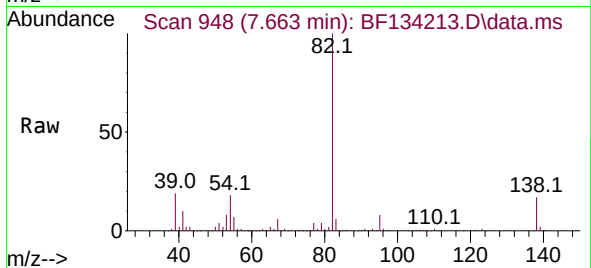
65 14.3 11.3 16.9



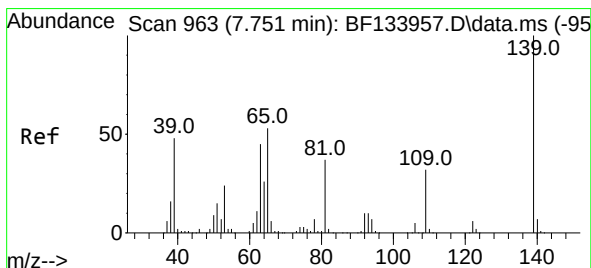
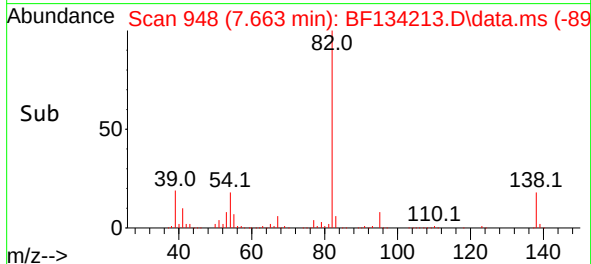
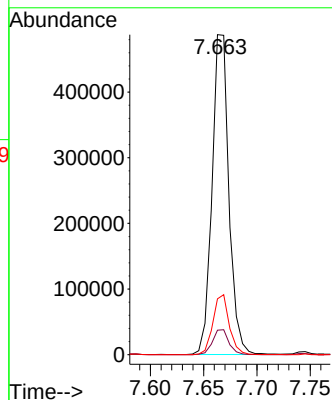


#25
Isophorone
Concen: 40.528 ng
RT: 7.663 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF134213.D
Acq: 11 Jul 2023 14:33

Instrument :
BNA_F
ClientSampleId :

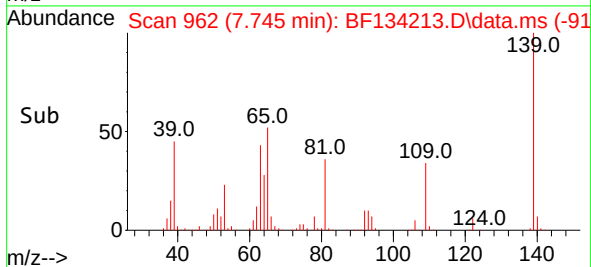
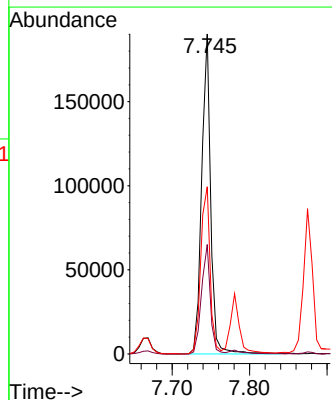
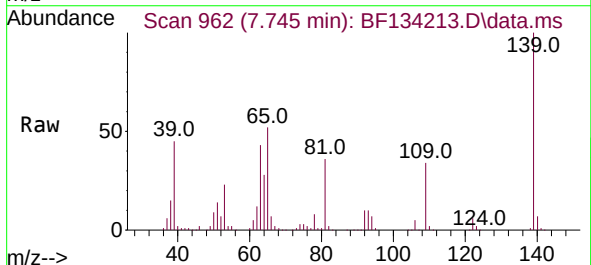


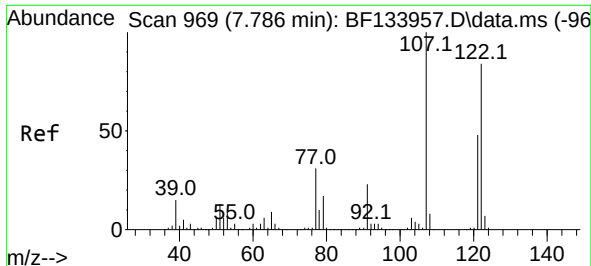
Tgt Ion: 82 Resp: 538531
Ion Ratio Lower Upper
82 100
95 7.7 6.1 9.1
138 17.5 15.2 22.8



#26
2-Nitrophenol
Concen: 43.388 ng
RT: 7.745 min Scan# 962
Delta R.T. 0.000 min
Lab File: BF134213.D
Acq: 11 Jul 2023 14:33

Tgt Ion:139 Resp: 153782
Ion Ratio Lower Upper
139 100
109 34.2 25.8 38.8
65 52.2 42.4 63.6





#27

2,4-Dimethylphenol

Concen: 43.002 ng

RT: 7.781 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF134213.D

Acq: 11 Jul 2023 14:33

Instrument :

BNA_F

ClientSampleId :

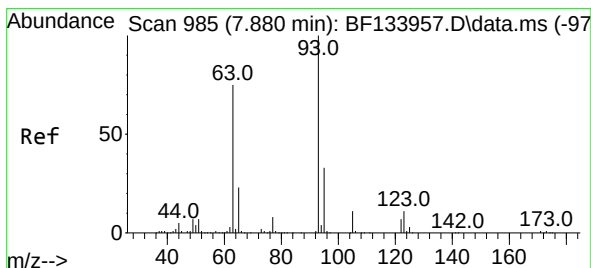
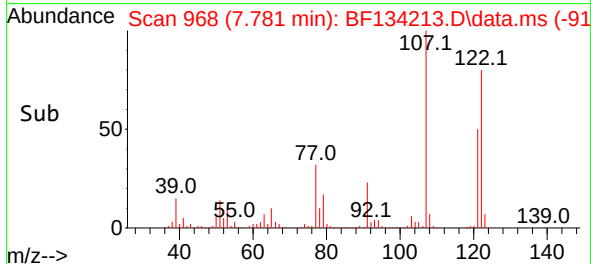
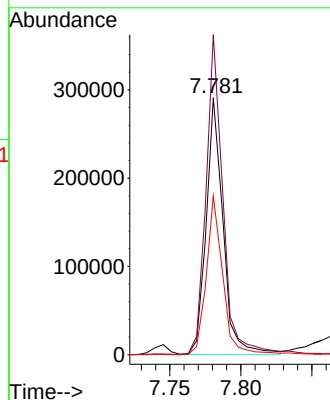
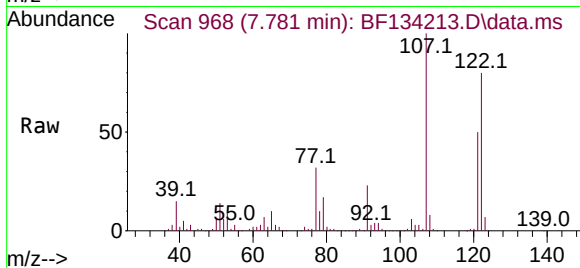
Tgt Ion:122 Resp: 241256

Ion Ratio Lower Upper

122 100

107 124.6 95.5 143.3

121 61.8 45.5 68.3



#28

bis(2-Chloroethoxy)methane

Concen: 40.582 ng

RT: 7.875 min Scan# 984

Delta R.T. 0.000 min

Lab File: BF134213.D

Acq: 11 Jul 2023 14:33

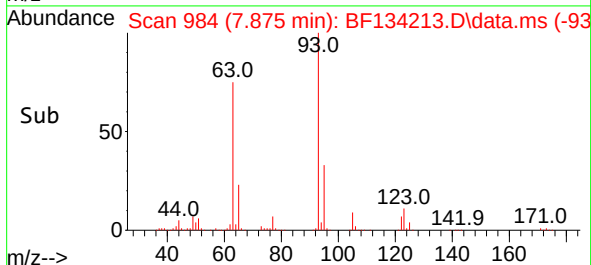
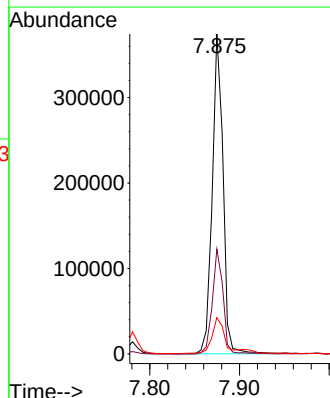
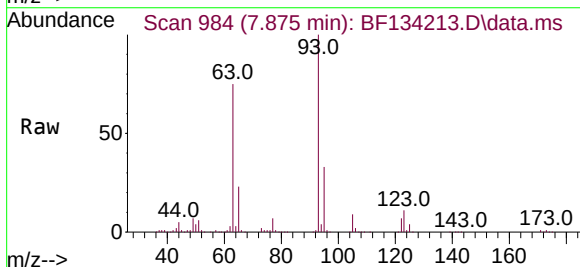
Tgt Ion: 93 Resp: 312243

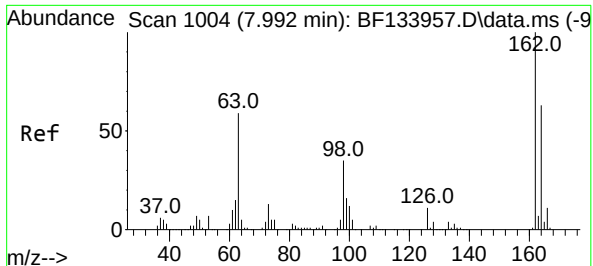
Ion Ratio Lower Upper

93 100

95 32.8 26.5 39.7

123 11.4 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 41.784 ng

RT: 7.986 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF134213.D

Acq: 11 Jul 2023 14:33

Instrument :

BNA_F

ClientSampleId :

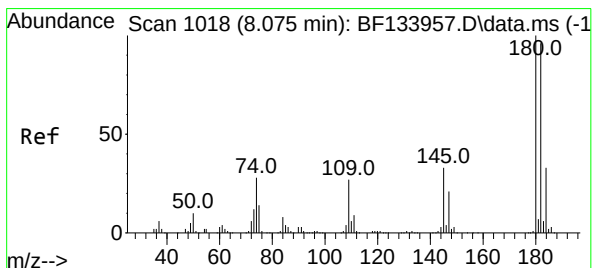
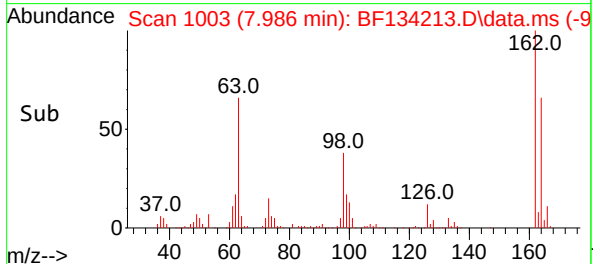
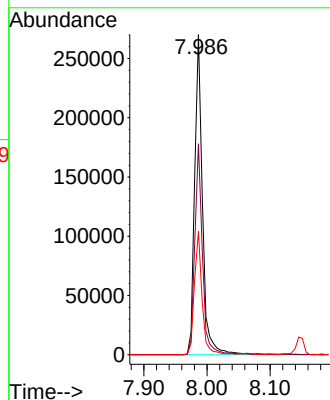
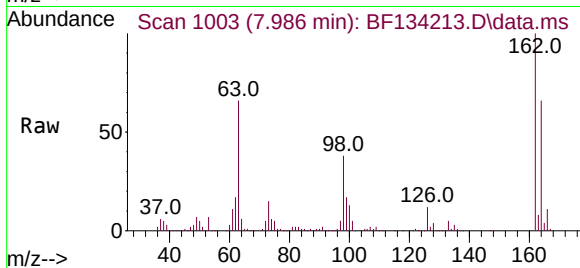
Tgt Ion:162 Resp: 232462

Ion Ratio Lower Upper

162 100

164 65.9 43.2 83.2

98 38.5 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 43.396 ng

RT: 8.069 min Scan# 1017

Delta R.T. 0.000 min

Lab File: BF134213.D

Acq: 11 Jul 2023 14:33

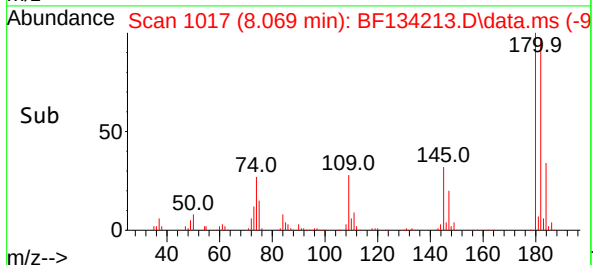
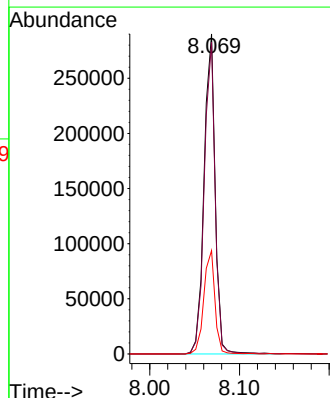
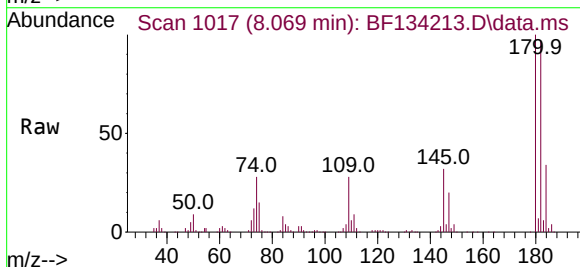
Tgt Ion:180 Resp: 249117

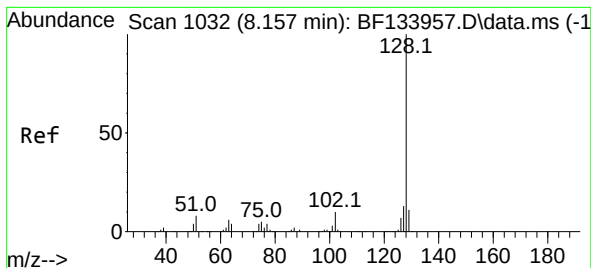
Ion Ratio Lower Upper

180 100

182 97.4 77.1 115.7

145 32.3 26.0 39.0





#31

Naphthalene

Concen: 41.721 ng

RT: 8.145 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134213.D

Acq: 11 Jul 2023 14:33

Instrument :

BNA_F

ClientSampleId :

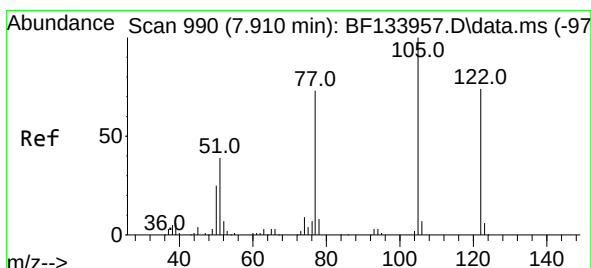
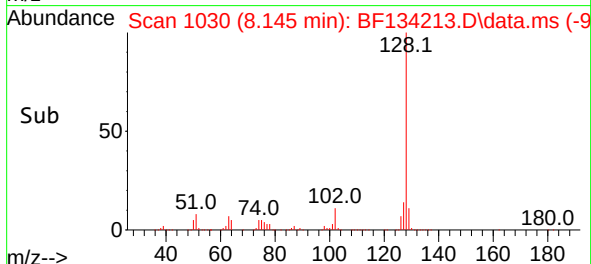
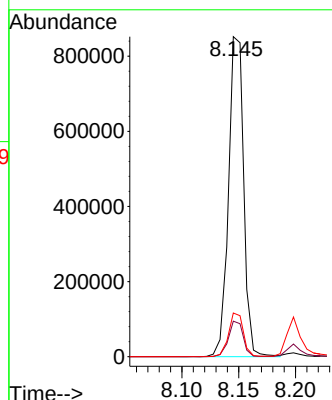
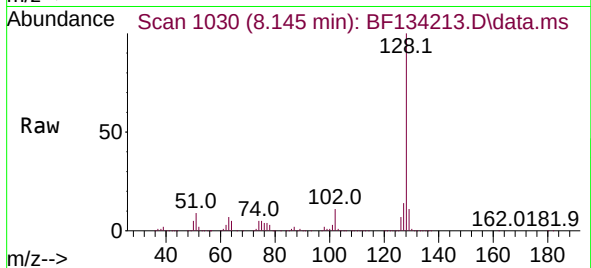
Tgt Ion:128 Resp: 794258

Ion Ratio Lower Upper

128 100

129 11.1 8.7 13.1

127 13.7 10.6 15.8



#32

Benzoic acid

Concen: 41.826 ng

RT: 7.910 min Scan# 990

Delta R.T. 0.018 min

Lab File: BF134213.D

Acq: 11 Jul 2023 14:33

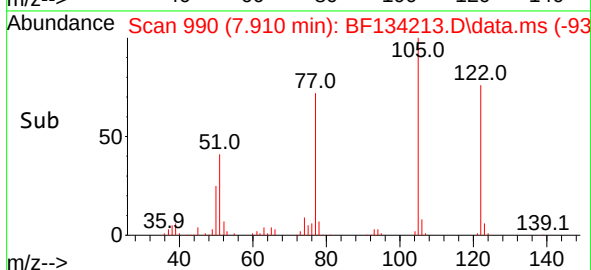
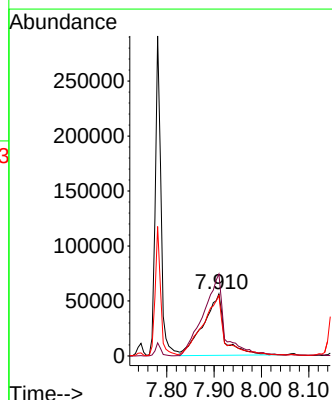
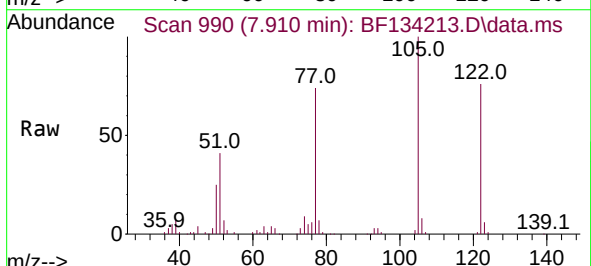
Tgt Ion:122 Resp: 175839

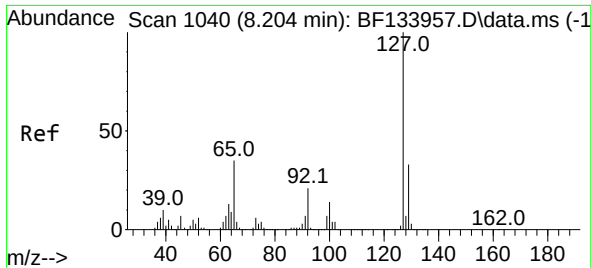
Ion Ratio Lower Upper

122 100

105 132.0 109.7 149.7

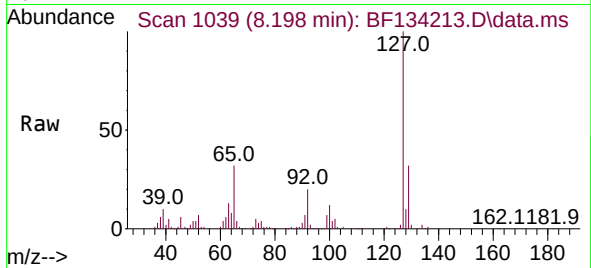
77 97.3 76.0 116.0



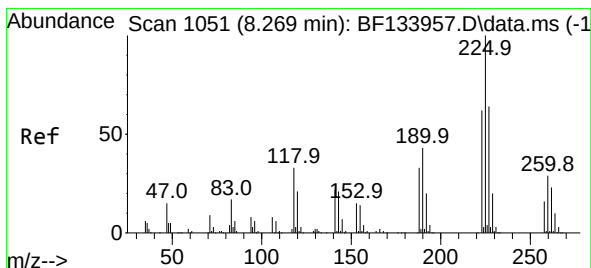
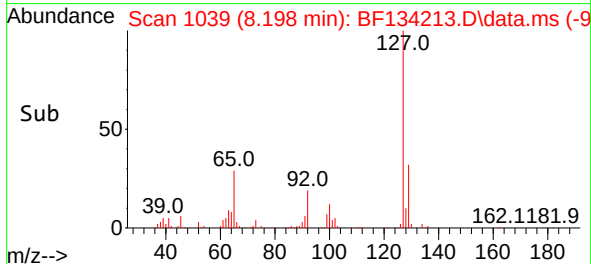
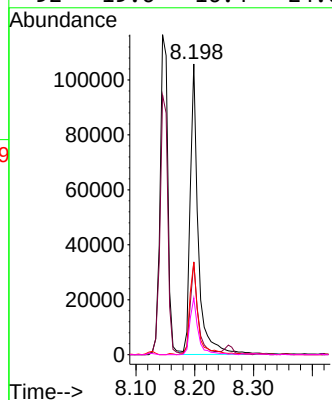


#33
4-Chloroaniline
Concen: 12.509 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF134213.D
Acq: 11 Jul 2023 14:33

Instrument :
BNA_F
ClientSampleId :

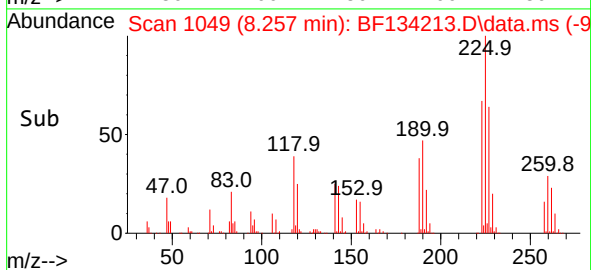
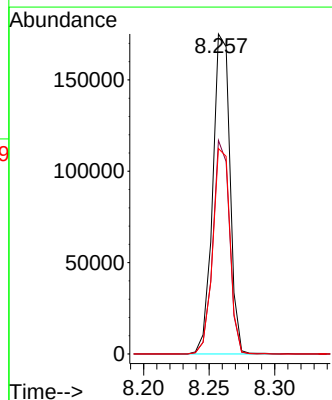
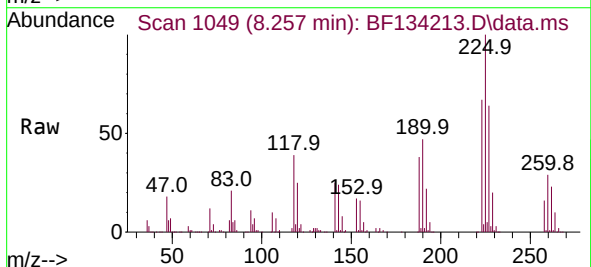


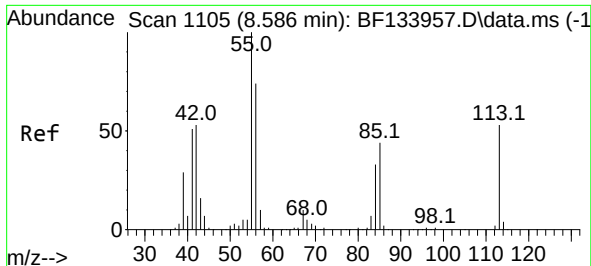
Tgt Ion:	127	Resp:	101866
Ion Ratio	Lower	Upper	
127	100		
129	31.9	26.4	39.6
65	31.8	27.8	41.8
92	19.6	16.4	24.6



#34
Hexachlorobutadiene
Concen: 44.156 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BF134213.D
Acq: 11 Jul 2023 14:33

Tgt Ion:	225	Resp:	159896
Ion Ratio	Lower	Upper	
225	100		
223	66.7	49.8	74.8
227	64.2	51.0	76.4

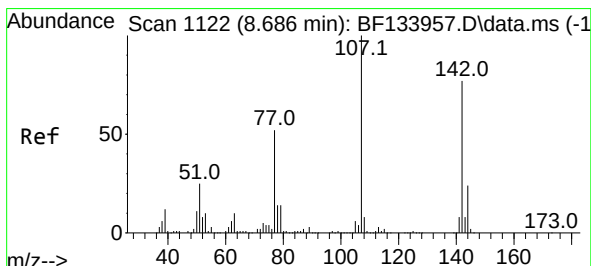
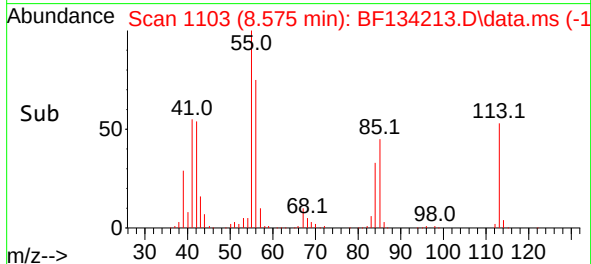
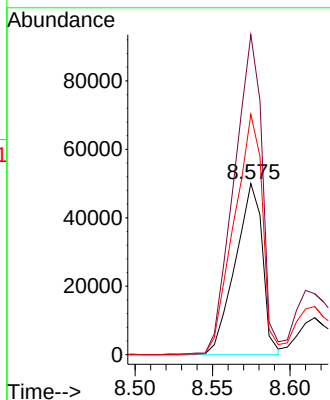
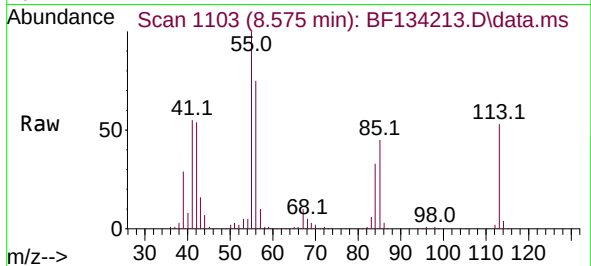




#35
 Caprolactam
 Concen: 33.324 ng
 RT: 8.575 min Scan# 1103
 Delta R.T. 0.000 min
 Lab File: BF134213.D
 Acq: 11 Jul 2023 14:33

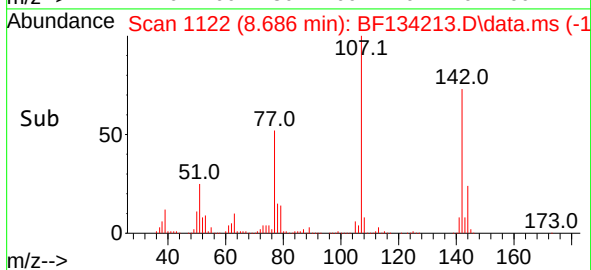
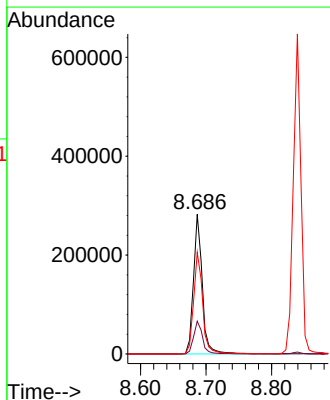
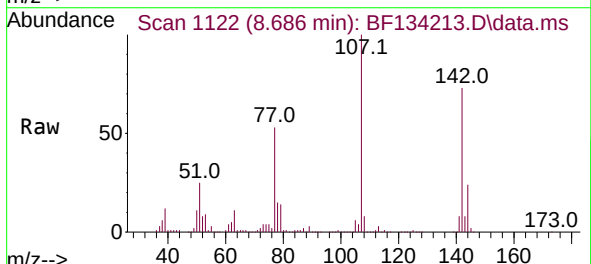
Instrument :
 BNA_F
 ClientSampleId :

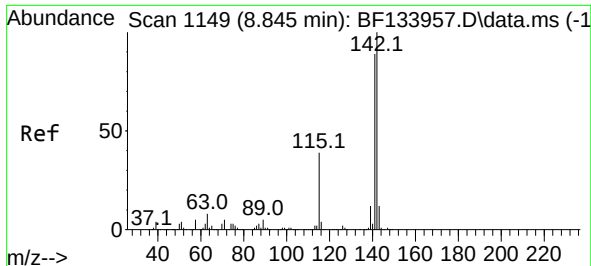
Tgt Ion:113 Resp: 61044
 Ion Ratio Lower Upper
 113 100
 55 187.0 170.2 210.2
 56 140.5 121.4 161.4



#36
 4-Chloro-3-methylphenol
 Concen: 42.502 ng
 RT: 8.686 min Scan# 1122
 Delta R.T. 0.006 min
 Lab File: BF134213.D
 Acq: 11 Jul 2023 14:33

Tgt Ion:107 Resp: 265630
 Ion Ratio Lower Upper
 107 100
 144 23.5 19.6 29.4
 142 72.7 61.4 92.2





#37

2-Methylnaphthalene

Concen: 39.271 ng

RT: 8.839 min Scan# 1148

Delta R.T. 0.000 min

Lab File: BF134213.D

Acq: 11 Jul 2023 14:33

Instrument :

BNA_F

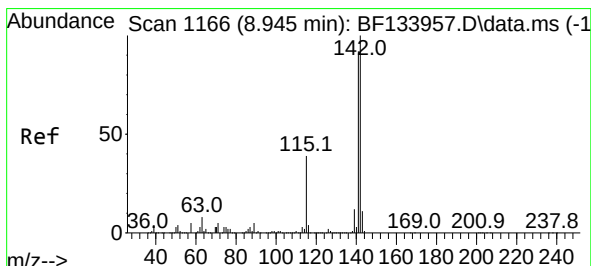
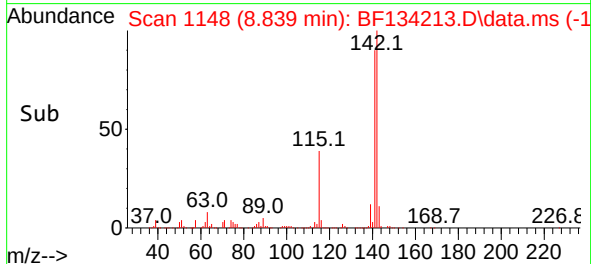
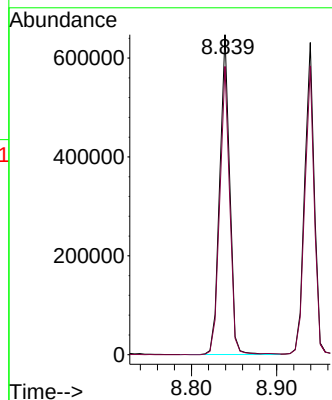
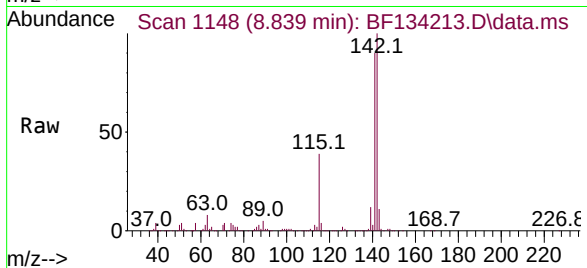
ClientSampleId :

Tgt Ion:142 Resp: 528684

Ion Ratio Lower Upper

142 100

141 90.1 71.0 106.4



#38

1-Methylnaphthalene

Concen: 39.477 ng

RT: 8.939 min Scan# 1165

Delta R.T. 0.000 min

Lab File: BF134213.D

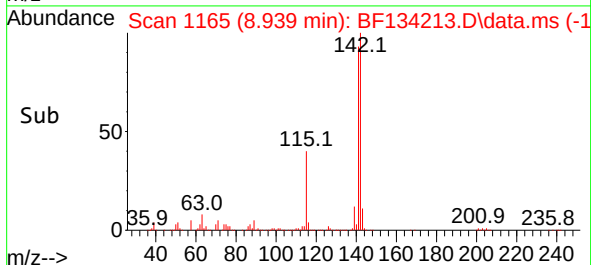
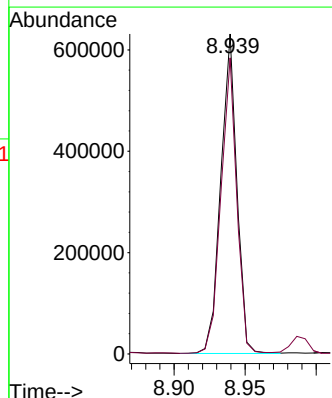
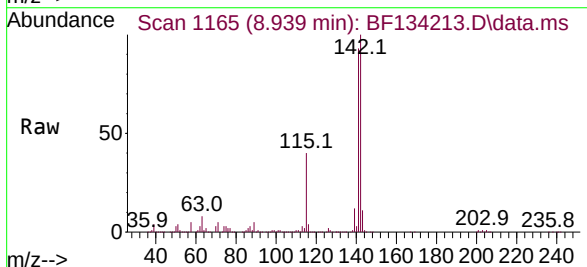
Acq: 11 Jul 2023 14:33

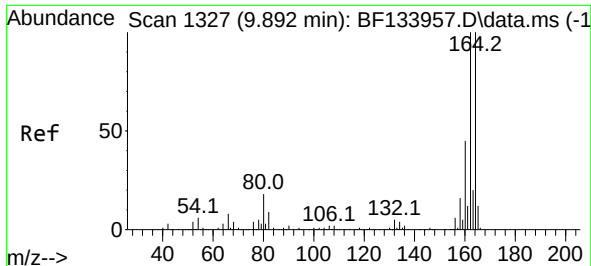
Tgt Ion:142 Resp: 494062

Ion Ratio Lower Upper

142 100

141 92.5 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1176

Delta R.T. 0.000 min

Lab File: BF134213.D

Acq: 11 Jul 2023 14:33

Instrument :

BNA_F

ClientSampleId :

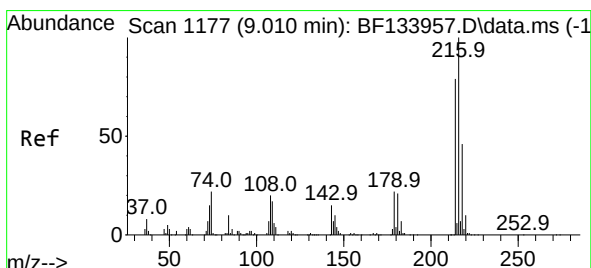
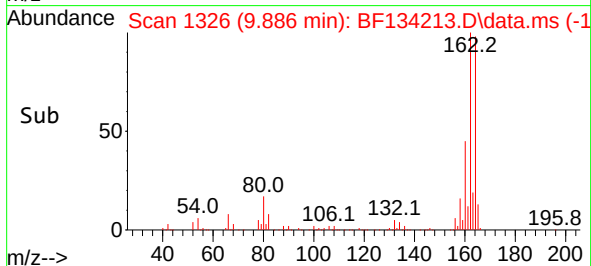
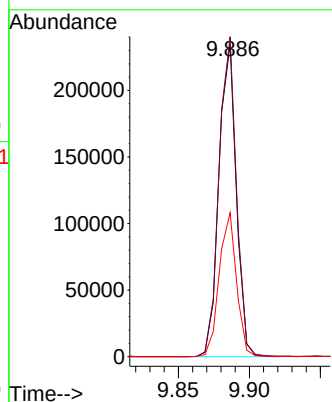
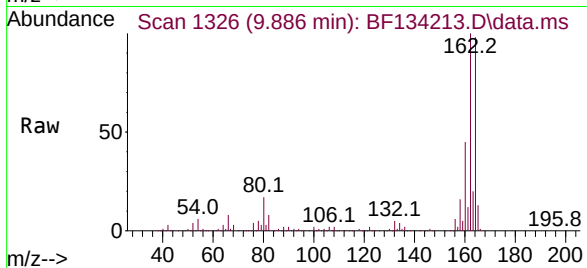
Tgt Ion:164 Resp: 198697

Ion Ratio Lower Upper

164 100

162 102.4 80.0 120.0

160 46.1 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.791 ng

RT: 9.004 min Scan# 1176

Delta R.T. 0.000 min

Lab File: BF134213.D

Acq: 11 Jul 2023 14:33

Tgt Ion:216 Resp: 263674

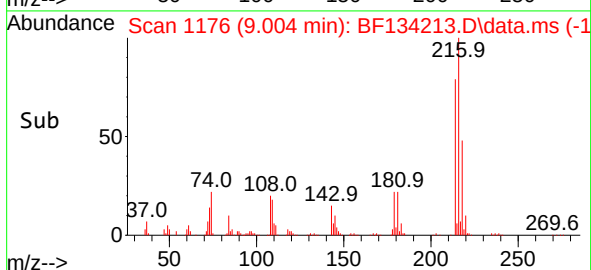
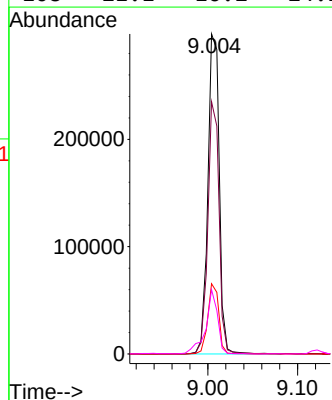
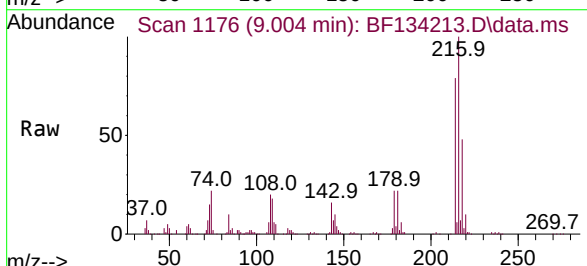
Ion Ratio Lower Upper

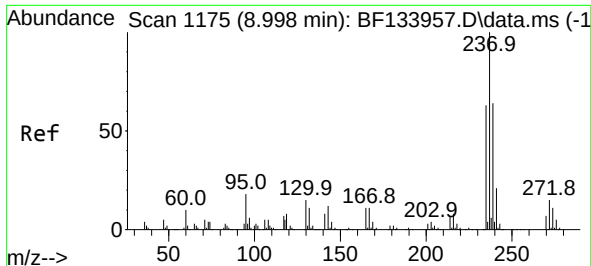
216 100

214 77.8 64.1 96.1

179 21.2 17.3 25.9

108 21.1 16.2 24.2

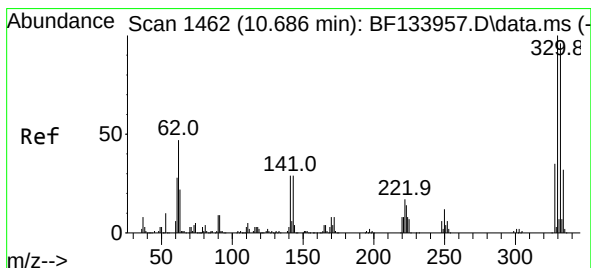
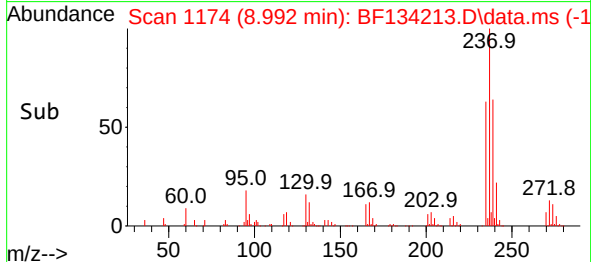
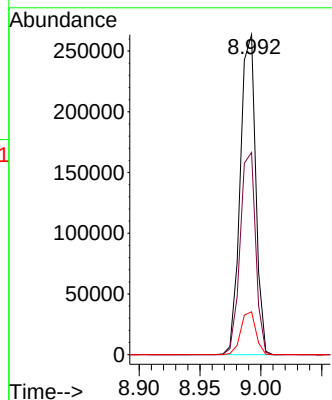
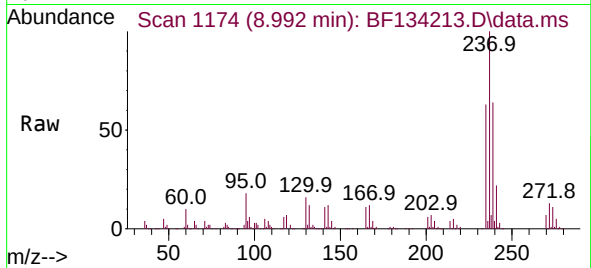




#41
Hexachlorocyclopentadiene
Concen: 83.502 ng
RT: 8.992 min Scan# 1174
Delta R.T. 0.006 min
Lab File: BF134213.D
Acq: 11 Jul 2023 14:33

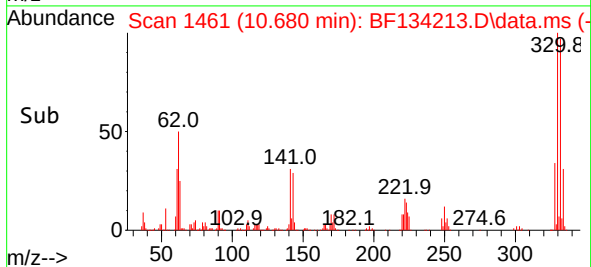
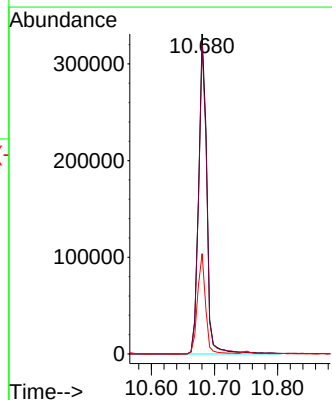
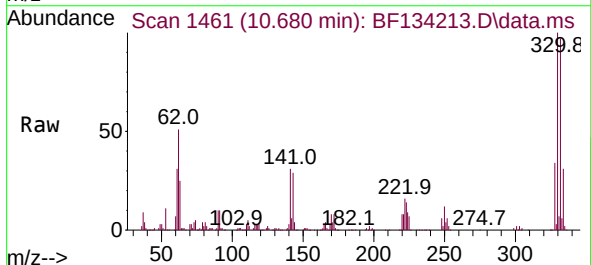
Instrument :
BNA_F
ClientSampleId :

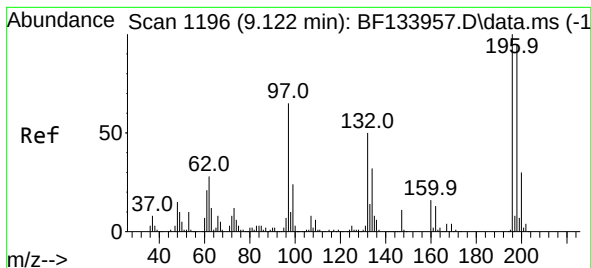
Tgt Ion:237 Resp: 233202
Ion Ratio Lower Upper
237 100
235 63.2 42.8 82.8
272 13.4 0.0 34.6



#42
2,4,6-Tribromophenol
Concen: 119.453 ng
RT: 10.680 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF134213.D
Acq: 11 Jul 2023 14:33

Tgt Ion:330 Resp: 297588
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.6
141 30.9 26.3 39.5





#43

2,4,6-Trichlorophenol

Concen: 41.448 ng

RT: 9.122 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BF134213.D

Acq: 11 Jul 2023 14:33

Instrument :

BNA_F

ClientSampleId :

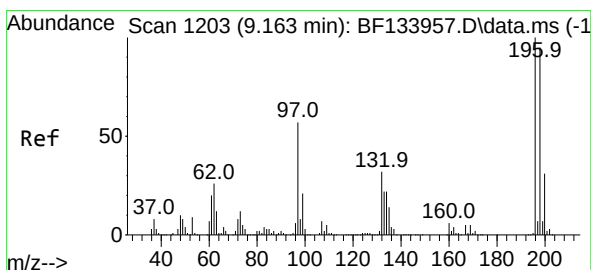
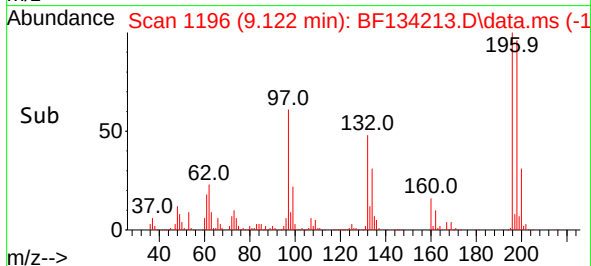
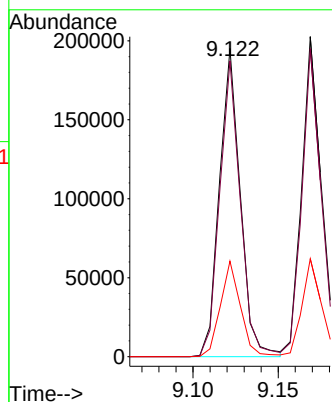
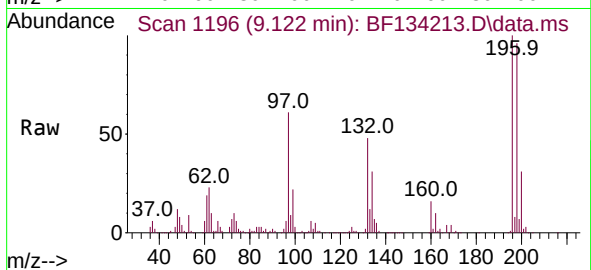
Tgt Ion:196 Resp: 166095

Ion Ratio Lower Upper

196 100

198 95.9 75.6 113.4

200 31.0 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 37.886 ng

RT: 9.169 min Scan# 1204

Delta R.T. 0.006 min

Lab File: BF134213.D

Acq: 11 Jul 2023 14:33

Tgt Ion:196 Resp: 178587

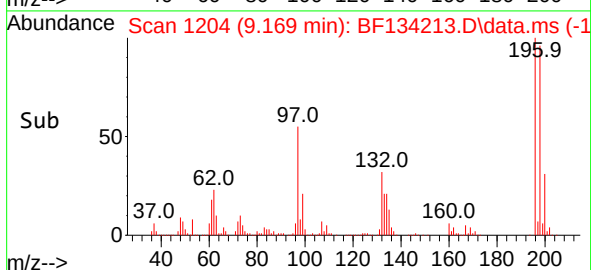
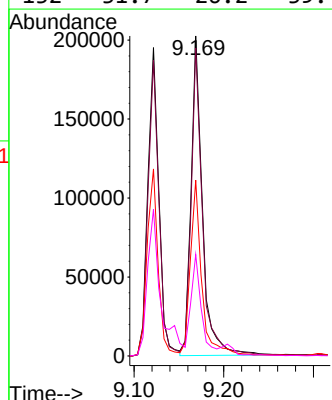
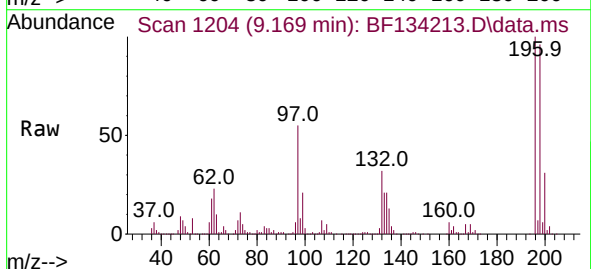
Ion Ratio Lower Upper

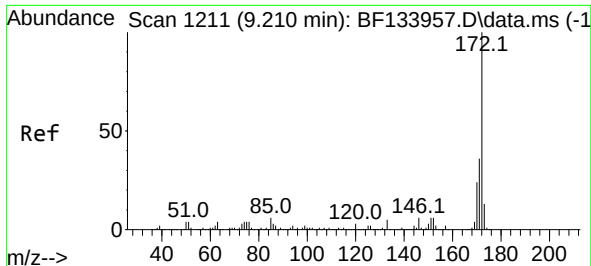
196 100

198 96.2 75.7 113.5

97 55.0 45.8 68.6

132 31.7 26.2 39.4

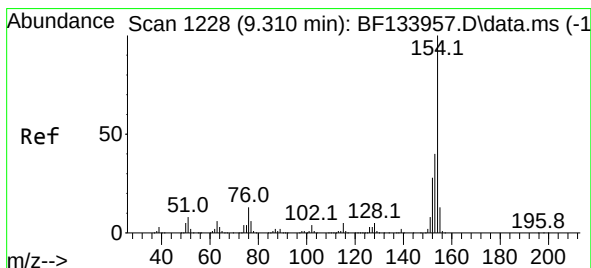
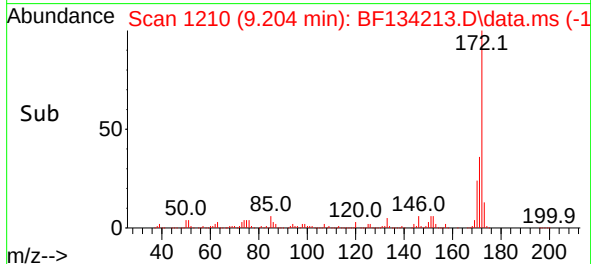
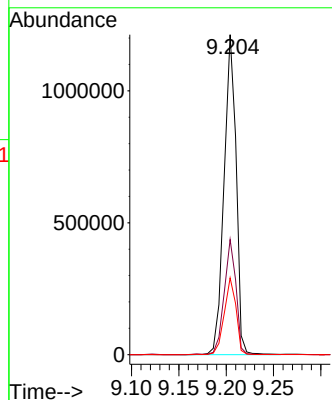
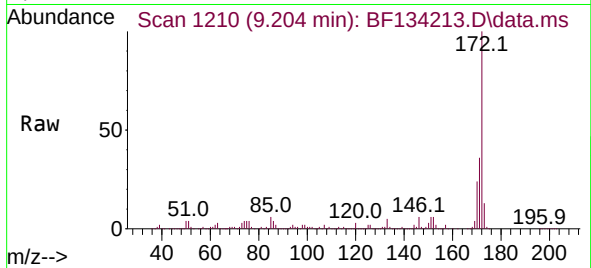




#45
2-Fluorobiphenyl
Concen: 79.083 ng
RT: 9.204 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134213.D
Acq: 11 Jul 2023 14:33

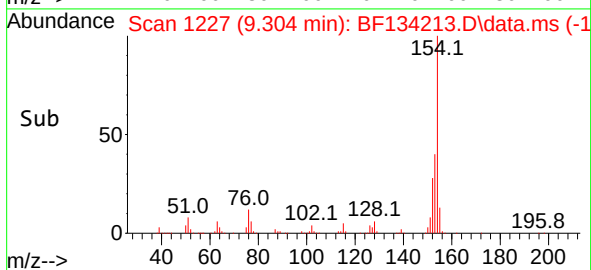
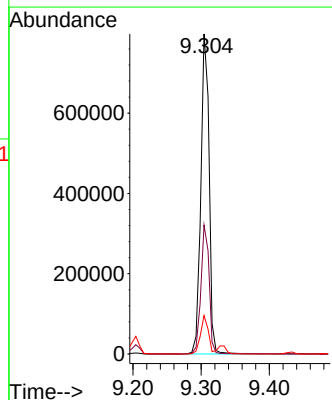
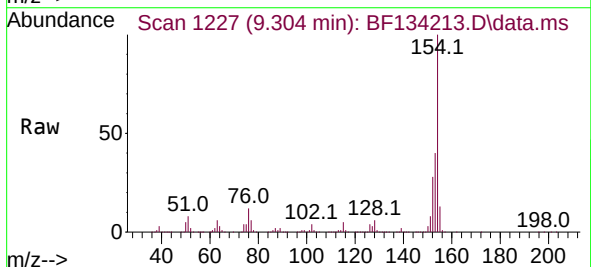
Instrument :
BNA_F
ClientSampleId :

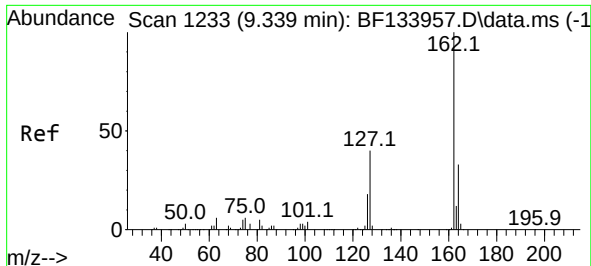
Tgt Ion:172 Resp: 1080794
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 24.0 19.4 29.0



#46
1,1'-Biphenyl
Concen: 42.238 ng
RT: 9.304 min Scan# 1227
Delta R.T. 0.000 min
Lab File: BF134213.D
Acq: 11 Jul 2023 14:33

Tgt Ion:154 Resp: 673225
Ion Ratio Lower Upper
154 100
153 40.3 19.8 59.8
76 12.0 0.0 32.9

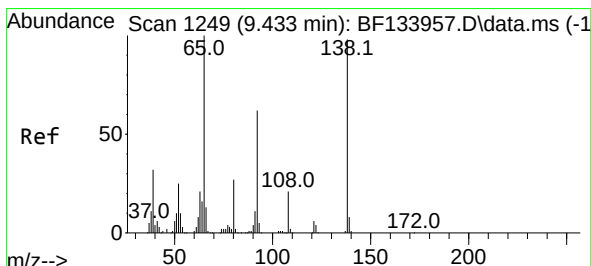
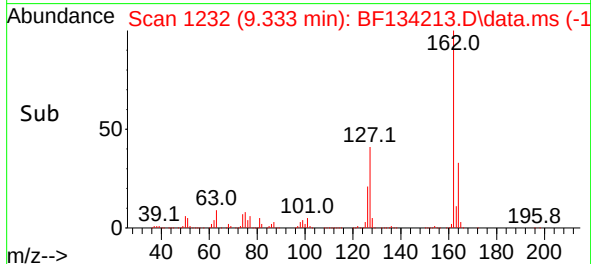
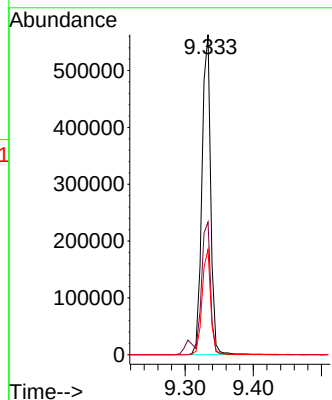
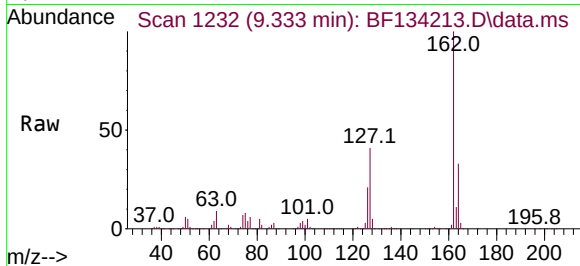




#47
2-Chloronaphthalene
Concen: 43.053 ng
RT: 9.333 min Scan# 1233
Delta R.T. 0.000 min
Lab File: BF134213.D
Acq: 11 Jul 2023 14:33

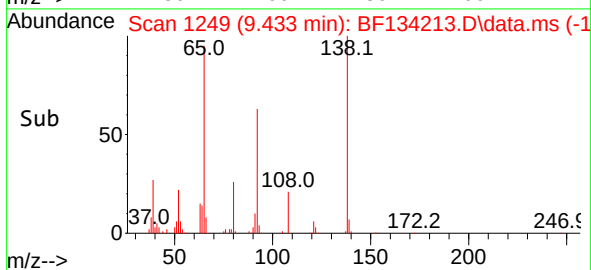
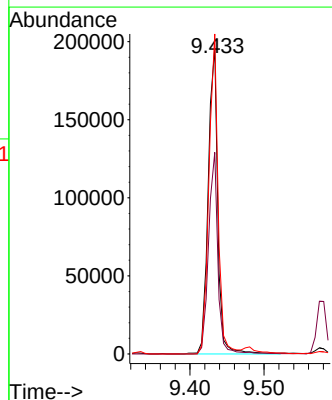
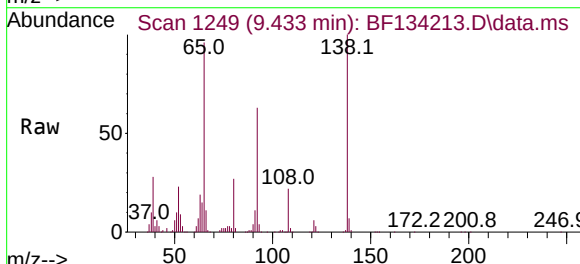
Instrument :
BNA_F
ClientSampleId :

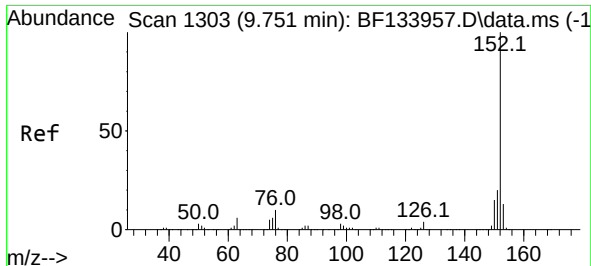
Tgt Ion:162 Resp: 502075
Ion Ratio Lower Upper
162 100
127 41.4 32.9 49.3
164 32.9 26.1 39.1



#48
2-Nitroaniline
Concen: 41.755 ng
RT: 9.433 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF134213.D
Acq: 11 Jul 2023 14:33

Tgt Ion: 65 Resp: 177463
Ion Ratio Lower Upper
65 100
92 66.0 49.5 74.3
138 104.7 78.0 117.0





#49

Acenaphthylene

Concen: 40.566 ng

RT: 9.745 min Scan# 11

Delta R.T. 0.000 min

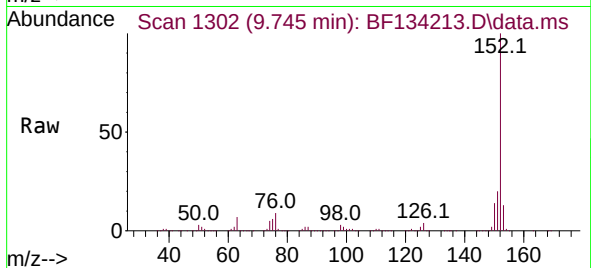
Lab File: BF134213.D

Acq: 11 Jul 2023 14:33

Instrument :

BNA_F

ClientSampleId :



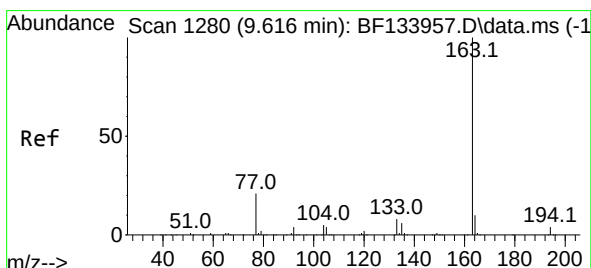
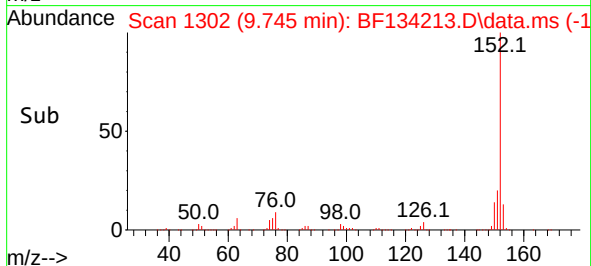
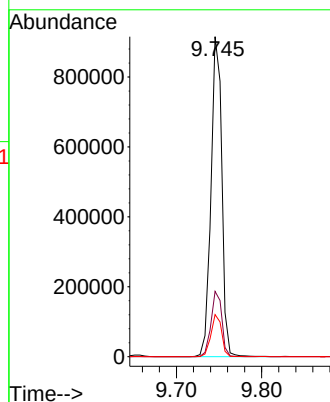
Tgt Ion:152 Resp: 808125

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.2

153 13.1 10.8 16.2



#50

Dimethylphthalate

Concen: 40.029 ng

RT: 9.610 min Scan# 1279

Delta R.T. 0.000 min

Lab File: BF134213.D

Acq: 11 Jul 2023 14:33

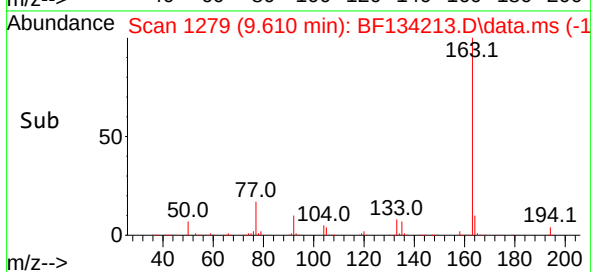
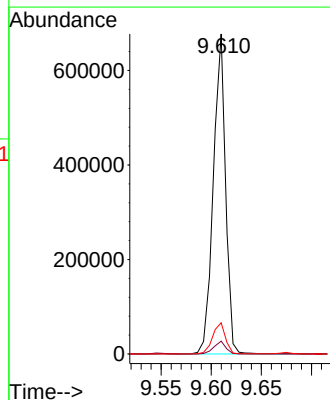
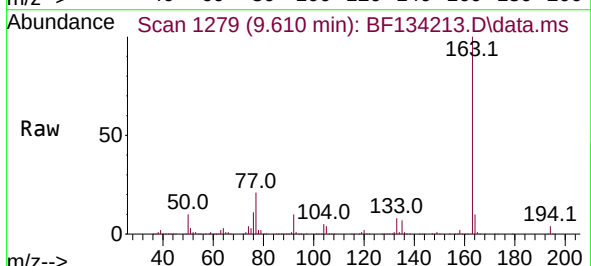
Tgt Ion:163 Resp: 577359

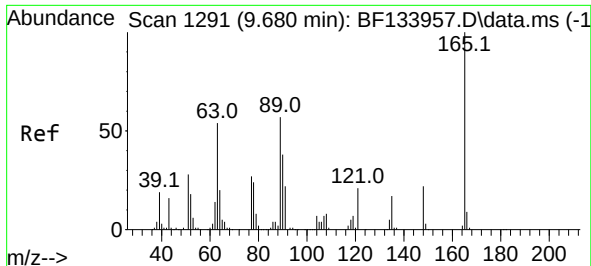
Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

164 9.7 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 42.371 ng

RT: 9.675 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134213.D

Acq: 11 Jul 2023 14:33

Instrument :

BNA_F

ClientSampleId :

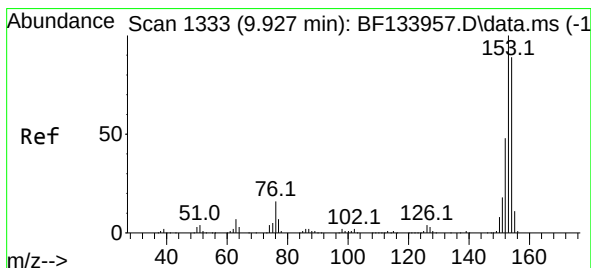
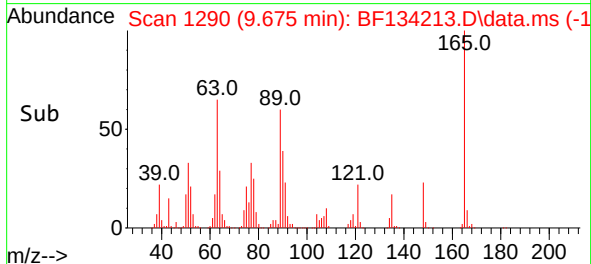
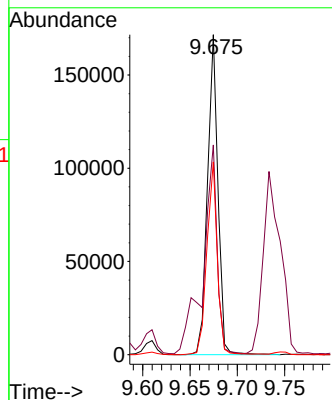
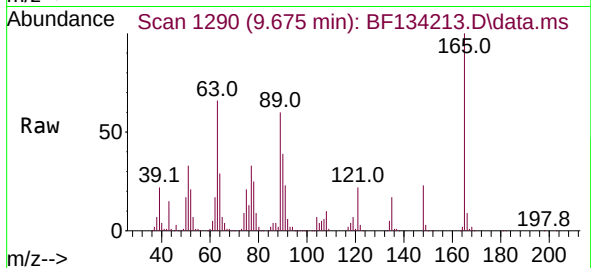
Tgt Ion:165 Resp: 131627

Ion Ratio Lower Upper

165 100

63 65.6 48.5 72.7

89 60.3 45.5 68.3



#52

Acenaphthene

Concen: 41.062 ng

RT: 9.922 min Scan# 1332

Delta R.T. 0.000 min

Lab File: BF134213.D

Acq: 11 Jul 2023 14:33

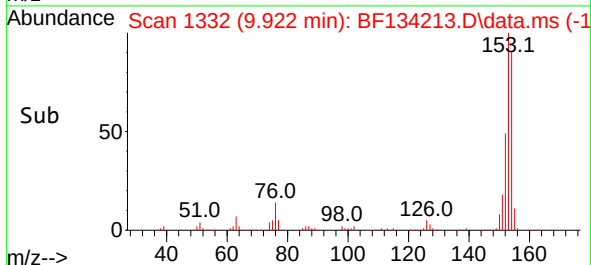
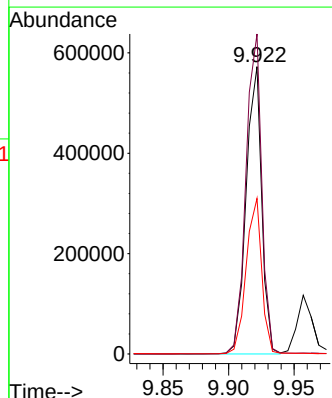
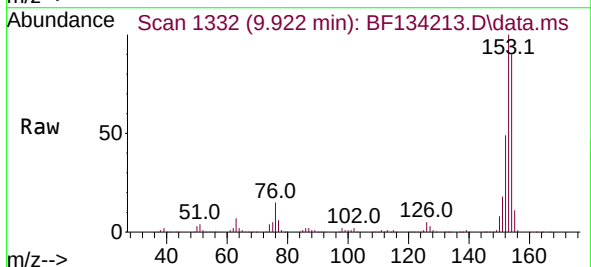
Tgt Ion:154 Resp: 474658

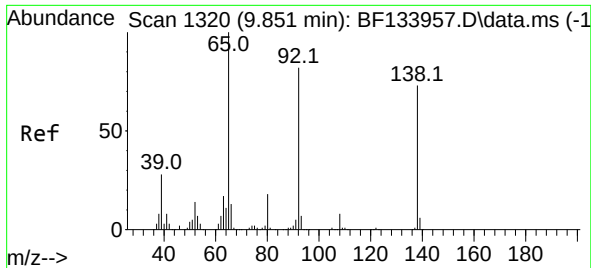
Ion Ratio Lower Upper

154 100

153 111.4 89.4 134.2

152 54.2 42.8 64.2

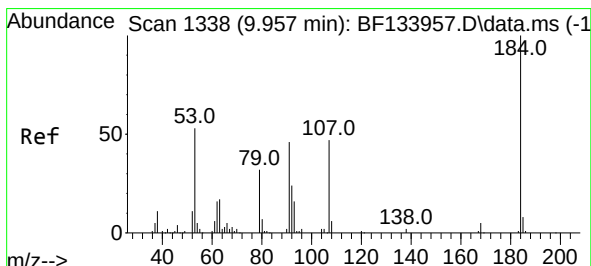
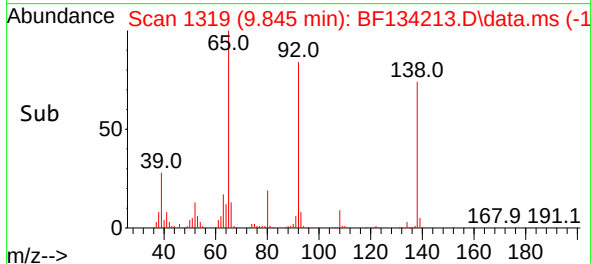
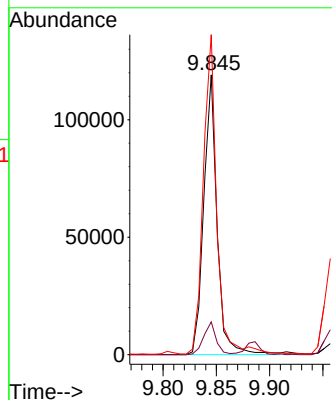
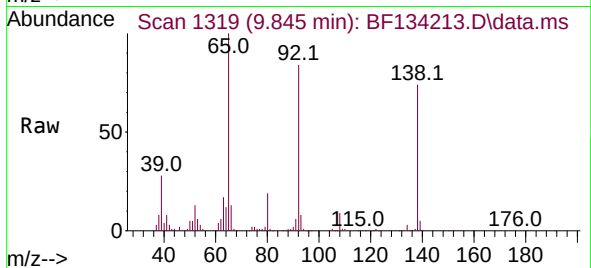




#53
3-Nitroaniline
Concen: 27.852 ng
RT: 9.845 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134213.D
Acq: 11 Jul 2023 14:33

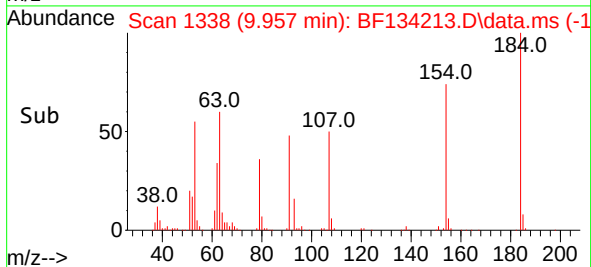
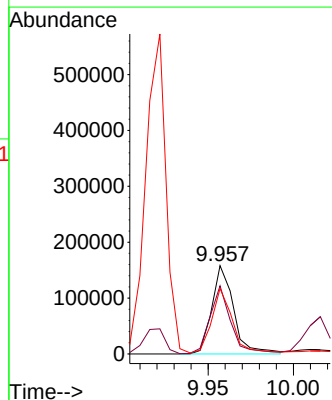
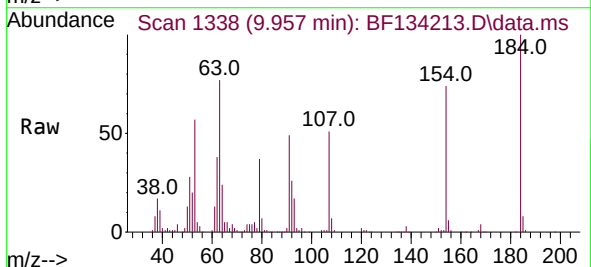
Instrument :
BNA_F
ClientSampleId :

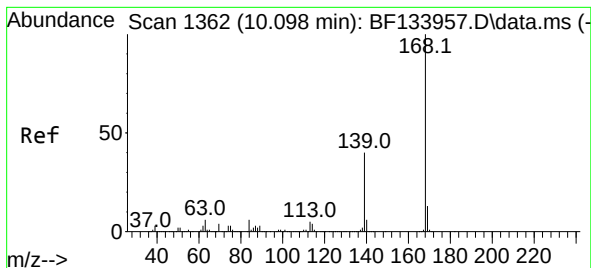
Tgt Ion:138 Resp: 103802
Ion Ratio Lower Upper
138 100
108 11.7 8.4 12.6
92 114.4 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 78.850 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF134213.D
Acq: 11 Jul 2023 14:33

Tgt Ion:184 Resp: 141358
Ion Ratio Lower Upper
184 100
63 77.3 56.9 85.3
154 74.2 55.4 83.0





#55

Dibenzenofuran

Concen: 40.576 ng

RT: 10.092 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134213.D

Acq: 11 Jul 2023 14:33

Instrument :

BNA_F

ClientSampleId :

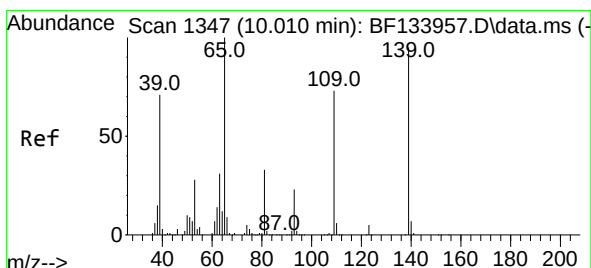
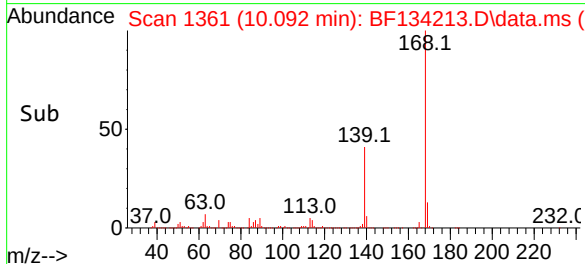
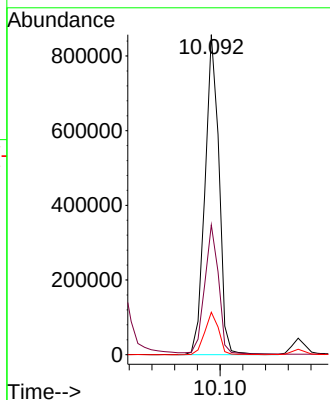
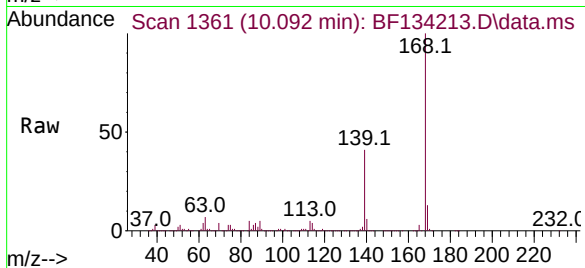
Tgt Ion:168 Resp: 733038

Ion Ratio Lower Upper

168 100

139 40.6 32.0 48.0

169 13.3 10.6 16.0



#56

4-Nitrophenol

Concen: 74.227 ng

RT: 10.016 min Scan# 1348

Delta R.T. 0.006 min

Lab File: BF134213.D

Acq: 11 Jul 2023 14:33

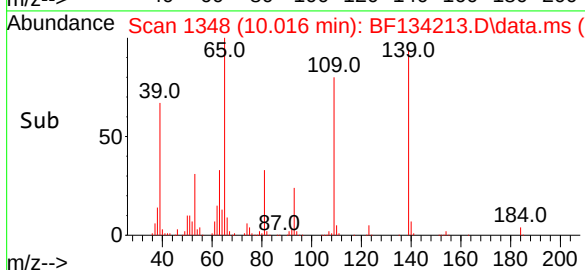
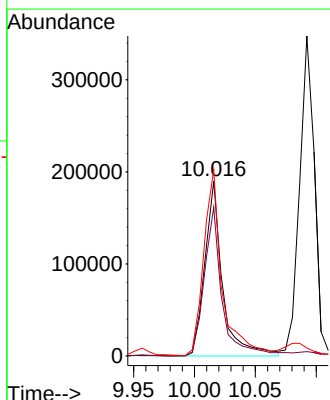
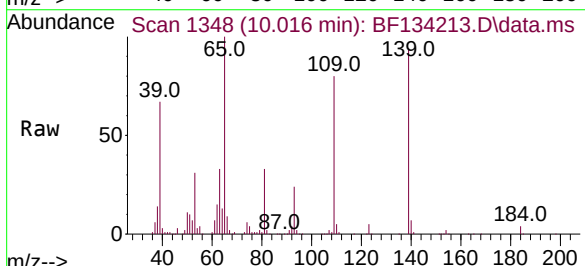
Tgt Ion:139 Resp: 193503

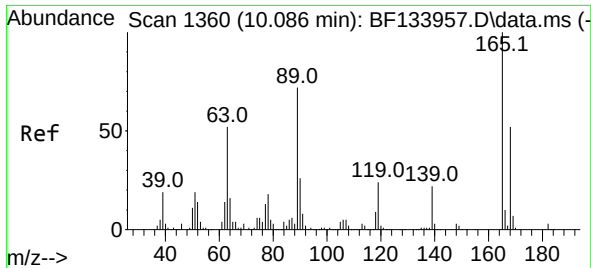
Ion Ratio Lower Upper

139 100

109 85.1 56.8 96.8

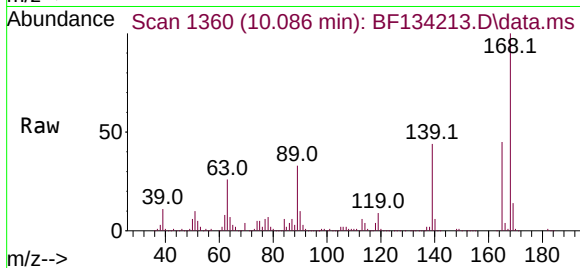
65 106.7 86.1 126.1



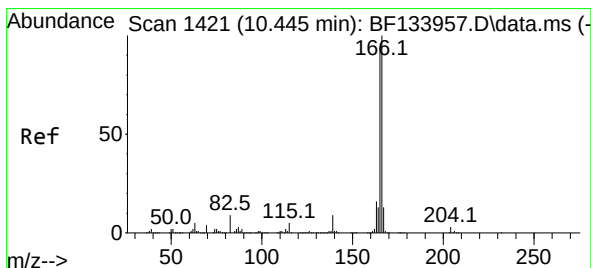
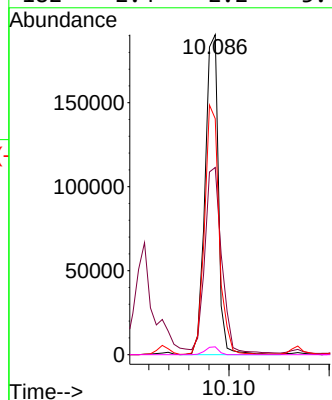
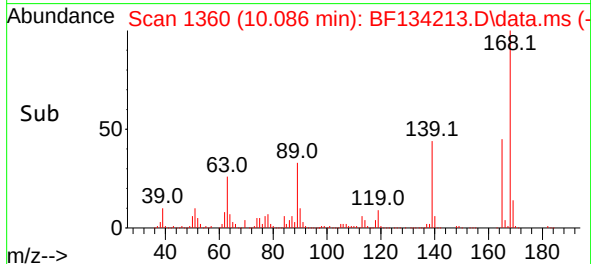


#57
2,4-Dinitrotoluene
Concen: 43.117 ng
RT: 10.086 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134213.D
Acq: 11 Jul 2023 14:33

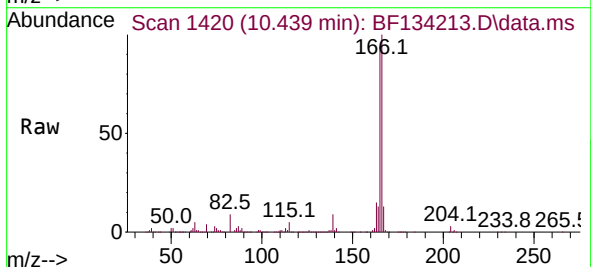
Instrument :
BNA_F
ClientSampleId :



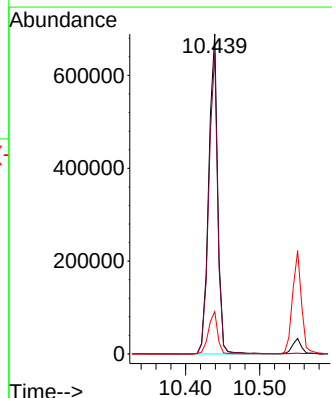
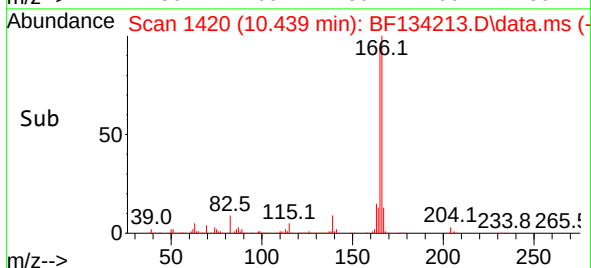
Tgt Ion:165 Resp: 176893
Ion Ratio Lower Upper
165 100
63 58.5 42.2 63.2
89 73.7 57.4 86.2
182 2.4 2.2 3.4

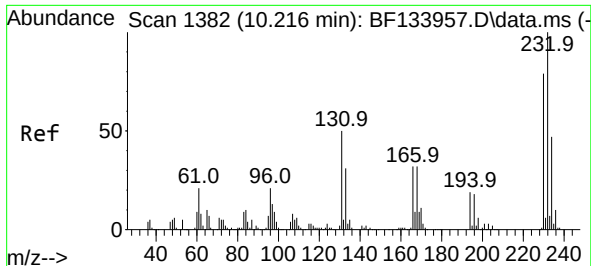


#58
Fluorene
Concen: 41.213 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF134213.D
Acq: 11 Jul 2023 14:33



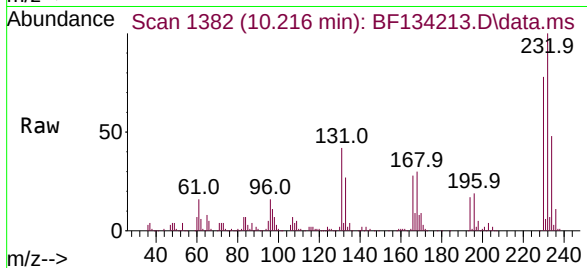
Tgt Ion:166 Resp: 579238
Ion Ratio Lower Upper
166 100
165 93.9 75.0 112.4
167 13.2 10.6 15.8



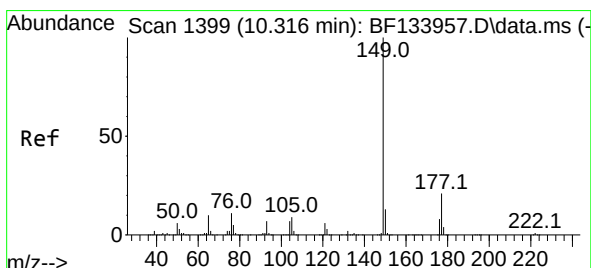
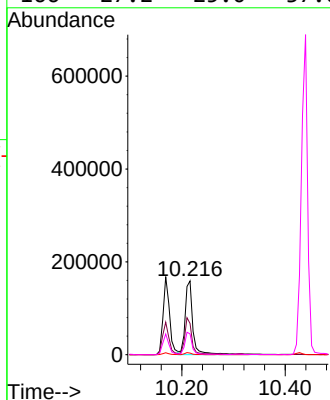
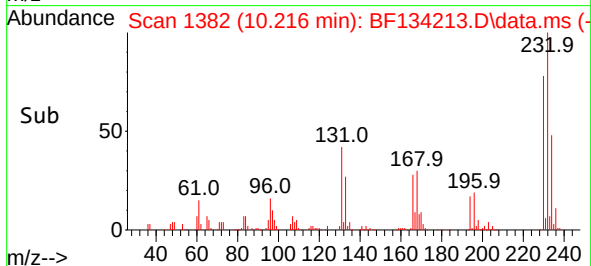


#59
2,3,4,6-Tetrachlorophenol
Concen: 44.142 ng
RT: 10.216 min Scan# 1382
Delta R.T. 0.006 min
Lab File: BF134213.D
Acq: 11 Jul 2023 14:33

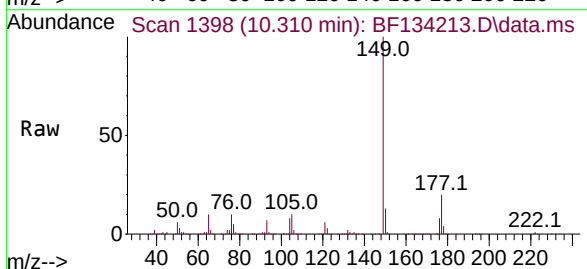
Instrument :
BNA_F
ClientSampleId :



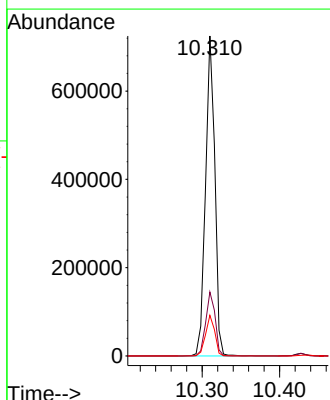
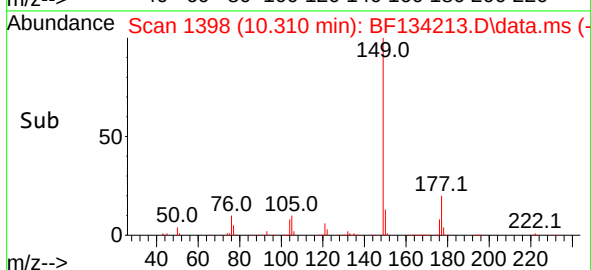
Tgt Ion:232 Resp: 164129
Ion Ratio Lower Upper
232 100
131 46.9 39.3 58.9
130 2.5 1.8 2.6
166 27.2 25.0 37.6

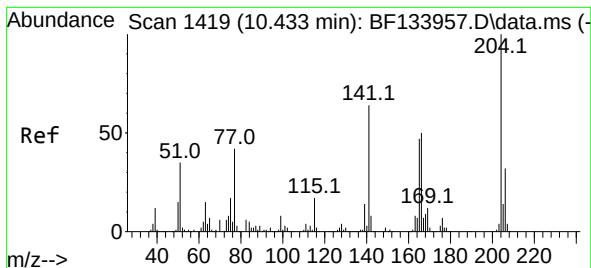


#60
Diethylphthalate
Concen: 40.190 ng
RT: 10.310 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF134213.D
Acq: 11 Jul 2023 14:33



Tgt Ion:149 Resp: 603939
Ion Ratio Lower Upper
149 100
177 20.0 17.0 25.6
150 12.7 10.2 15.2

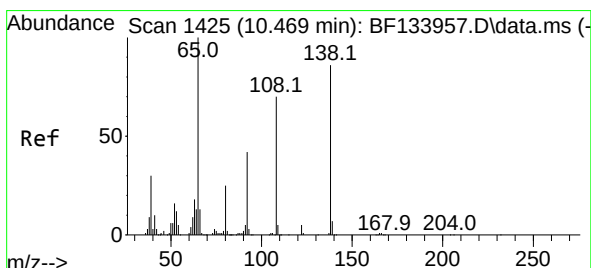
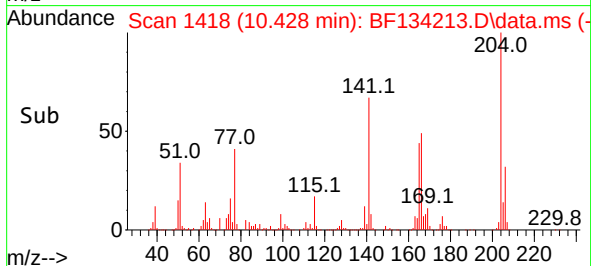
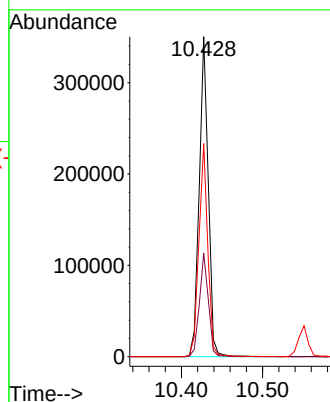
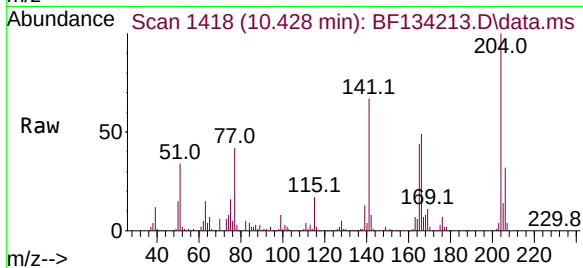




#61
4-Chlorophenyl-phenylether
Concen: 40.248 ng
RT: 10.428 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF134213.D
Acq: 11 Jul 2023 14:33

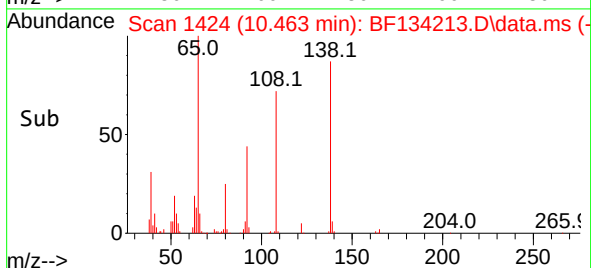
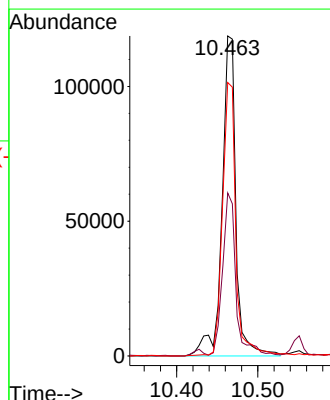
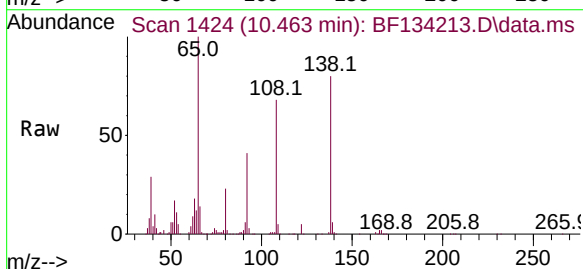
Instrument :
BNA_F
ClientSampleId :

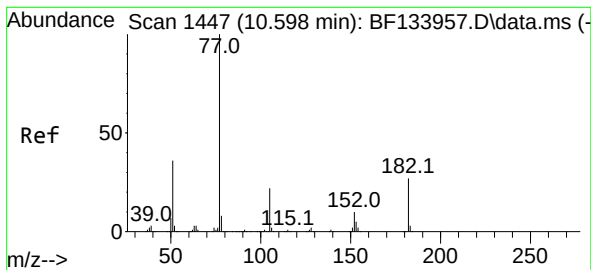
Tgt Ion:204 Resp: 272609
Ion Ratio Lower Upper
204 100
206 32.4 25.8 38.6
141 66.6 51.5 77.3



#62
4-Nitroaniline
Concen: 37.785 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF134213.D
Acq: 11 Jul 2023 14:33

Tgt Ion:138 Resp: 141918
Ion Ratio Lower Upper
138 100
92 51.0 29.7 69.7
108 85.5 62.1 102.1

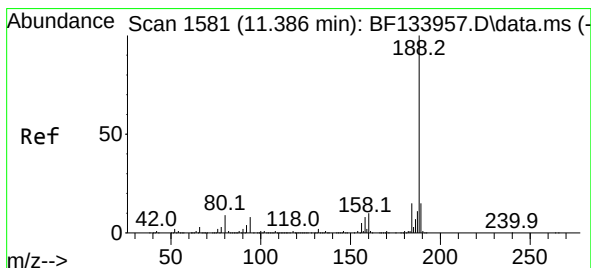
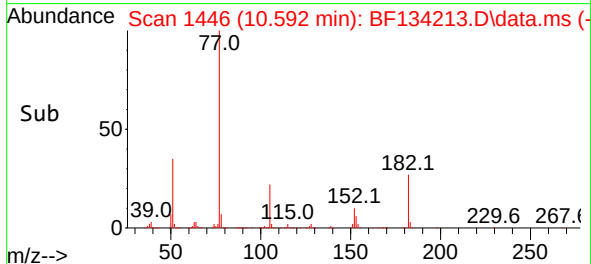
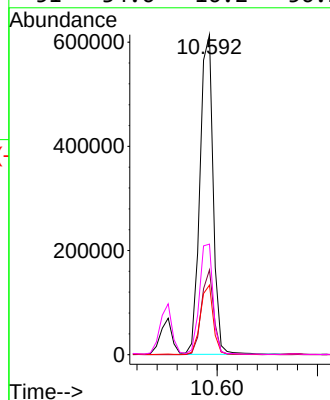
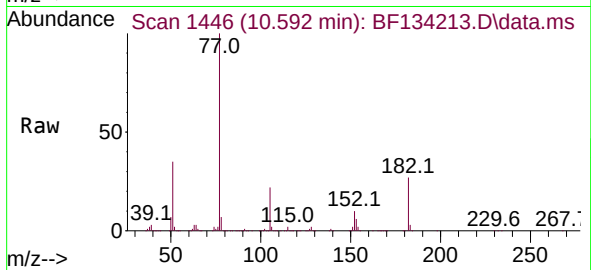




#63
Azobenzene
Concen: 39.613 ng
RT: 10.592 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF134213.D
Acq: 11 Jul 2023 14:33

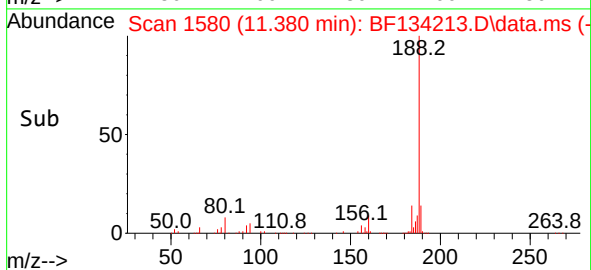
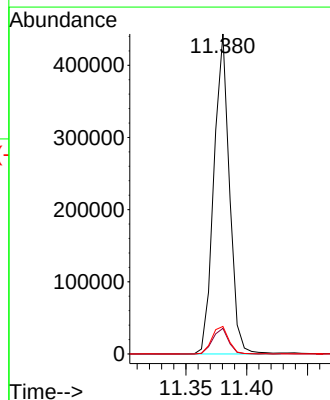
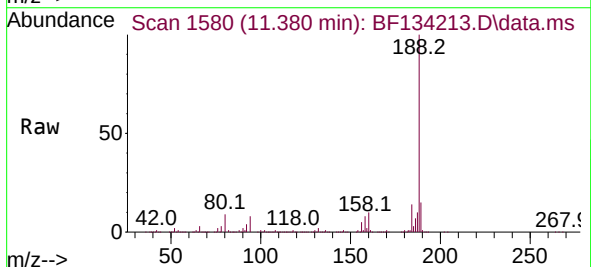
Instrument :
BNA_F
ClientSampleId :

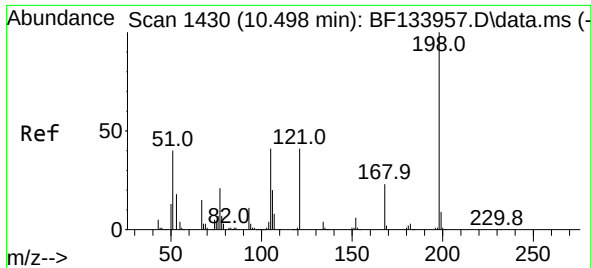
Tgt Ion: 77	Resp: 563078
Ion Ratio	Lower Upper
77 100	
182 26.5	6.8 46.8
105 21.8	2.3 42.3
51 34.6	16.2 56.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF134213.D
Acq: 11 Jul 2023 14:33

Tgt Ion:188	Resp: 394675
Ion Ratio	Lower Upper
188 100	
94 8.0	6.4 9.6
80 8.6	7.3 10.9

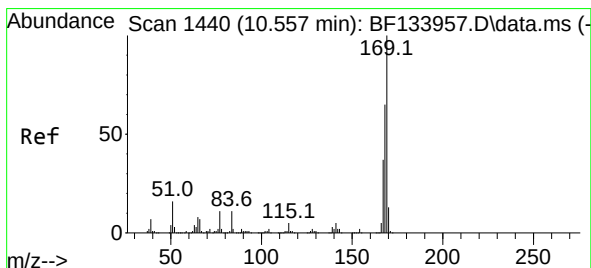
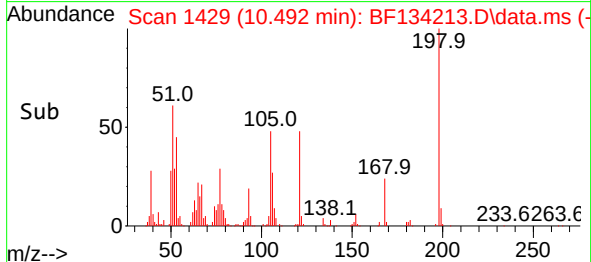
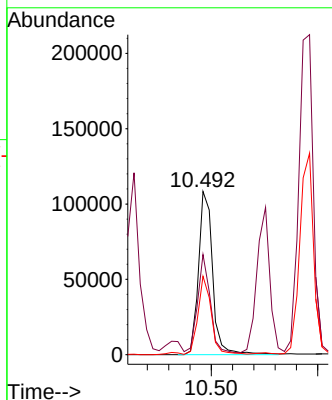
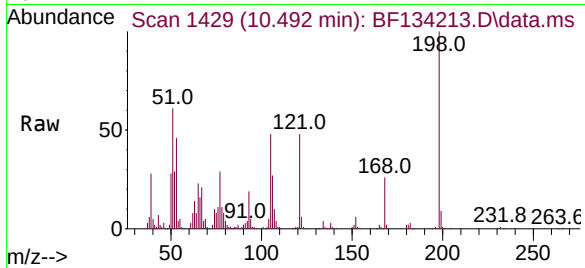




#65
4,6-Dinitro-2-methylphenol
Concen: 46.679 ng
RT: 10.492 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF134213.D
Acq: 11 Jul 2023 14:33

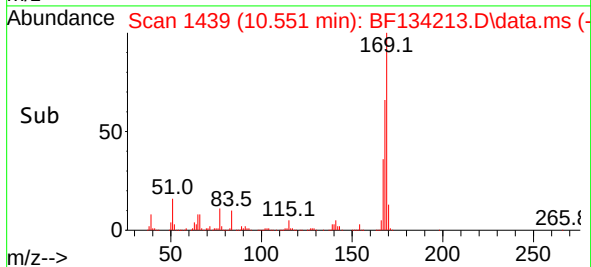
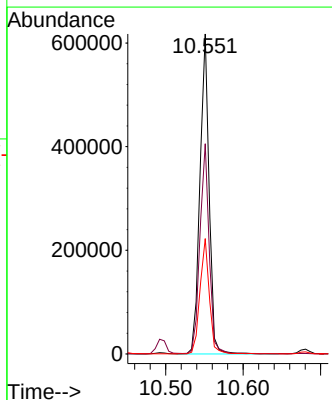
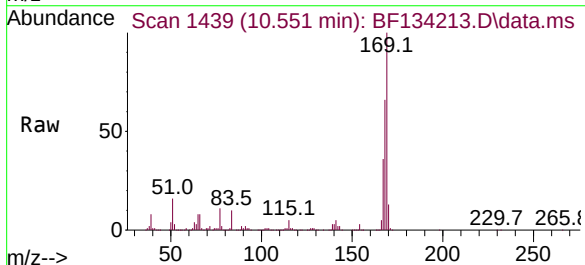
Instrument :
BNA_F
ClientSampleId :

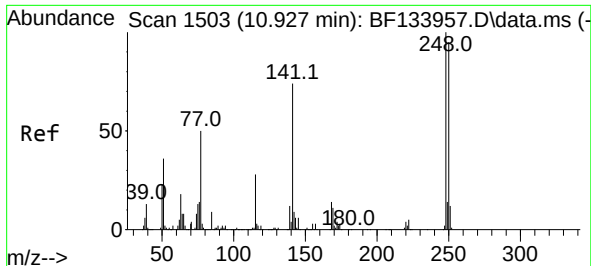
Tgt Ion:198 Resp: 100442
Ion Ratio Lower Upper
198 100
51 61.4 29.3 69.3
105 48.0 22.4 62.4



#66
n-Nitrosodiphenylamine
Concen: 40.313 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF134213.D
Acq: 11 Jul 2023 14:33

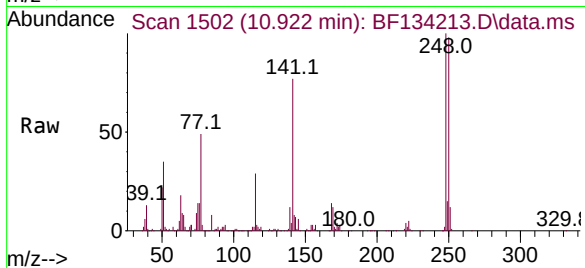
Tgt Ion:169 Resp: 508349
Ion Ratio Lower Upper
169 100
168 65.7 52.3 78.5
167 36.0 29.4 44.0



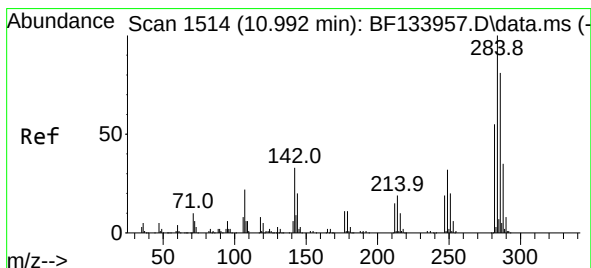
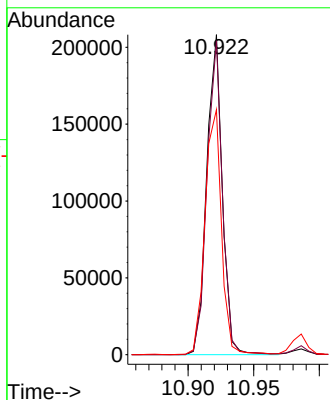
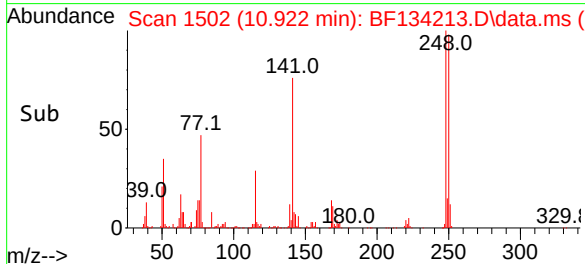


#67
4-Bromophenyl-phenylether
Concen: 41.005 ng
RT: 10.922 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF134213.D
Acq: 11 Jul 2023 14:33

Instrument :
BNA_F
ClientSampleId :

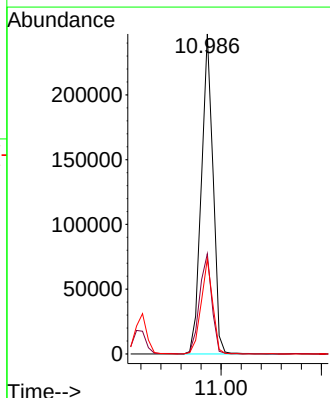
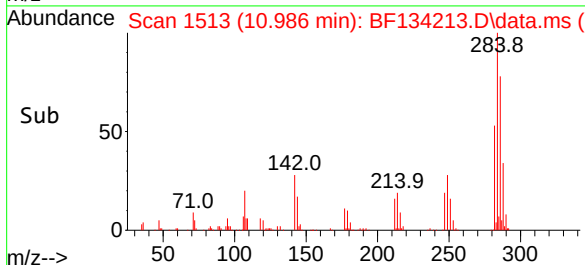
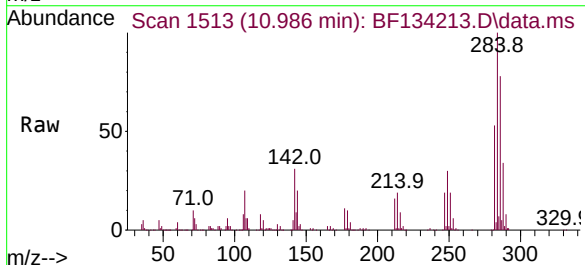


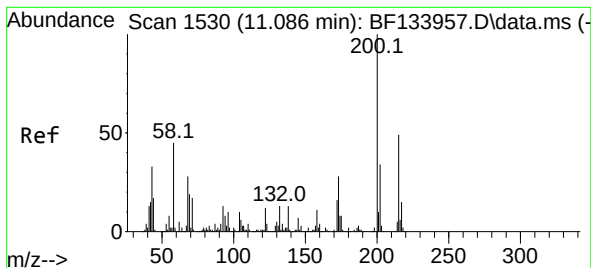
Tgt Ion:248 Resp: 172012
Ion Ratio Lower Upper
248 100
250 98.1 76.2 114.4
141 76.6 59.0 88.4



#68
Hexachlorobenzene
Concen: 45.092 ng
RT: 10.986 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BF134213.D
Acq: 11 Jul 2023 14:33

Tgt Ion:284 Resp: 200842
Ion Ratio Lower Upper
284 100
142 31.3 26.6 40.0
249 29.7 25.5 38.3





#69

Atrazine

Concen: 39.995 ng

RT: 11.080 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134213.D

Acq: 11 Jul 2023 14:33

Instrument :

BNA_F

ClientSampleId :

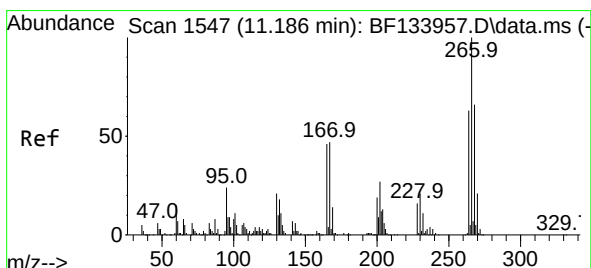
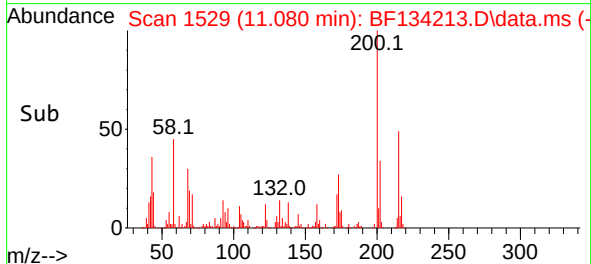
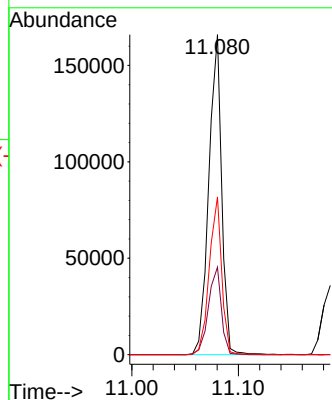
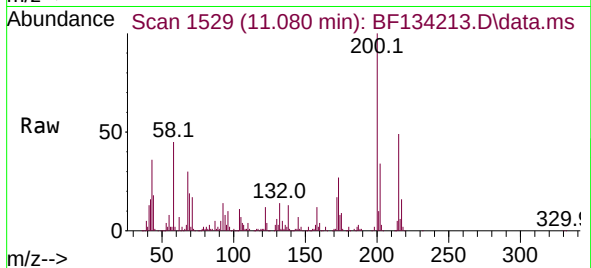
Tgt Ion:200 Resp: 139503

Ion Ratio Lower Upper

200 100

173 27.3 8.0 48.0

215 49.3 29.3 69.3



#70

Pentachlorophenol

Concen: 70.717 ng

RT: 11.186 min Scan# 1547

Delta R.T. 0.000 min

Lab File: BF134213.D

Acq: 11 Jul 2023 14:33

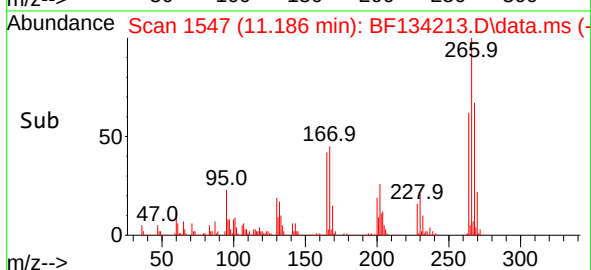
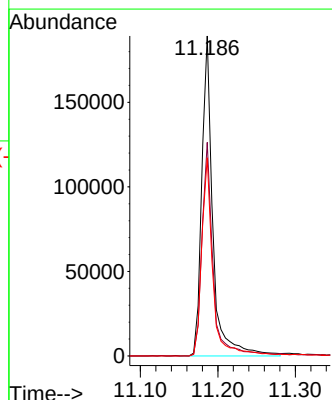
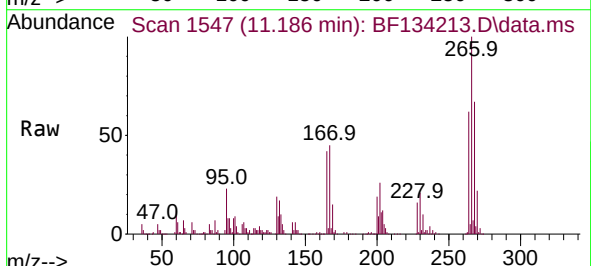
Tgt Ion:266 Resp: 188329

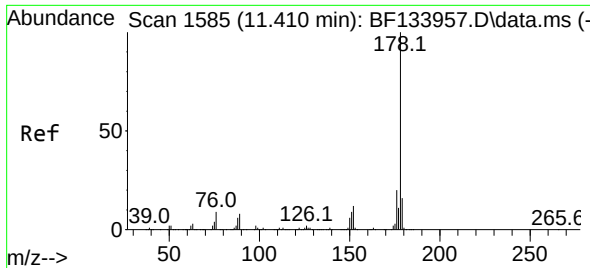
Ion Ratio Lower Upper

266 100

268 66.7 52.6 79.0

264 62.0 50.6 76.0

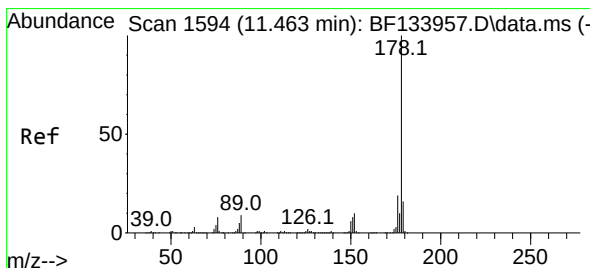
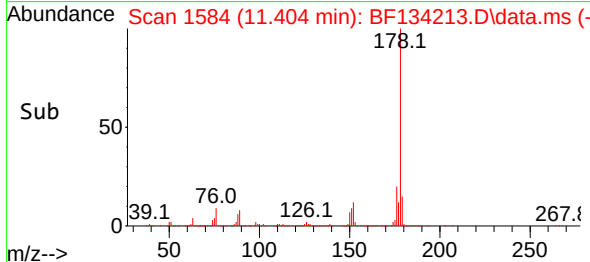
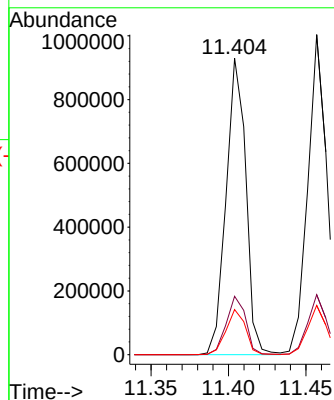
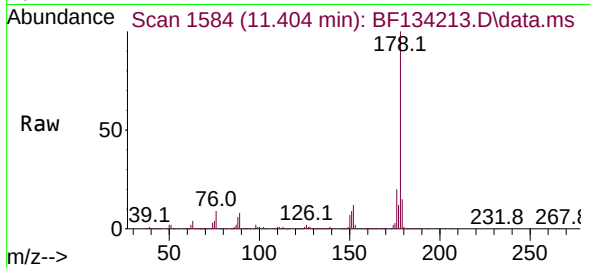




#71
Phenanthrene
Concen: 41.552 ng
RT: 11.404 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF134213.D
Acq: 11 Jul 2023 14:33

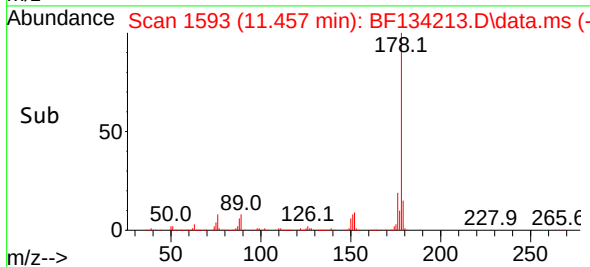
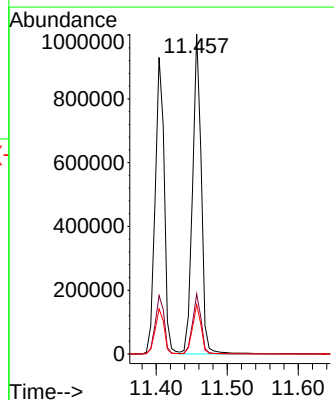
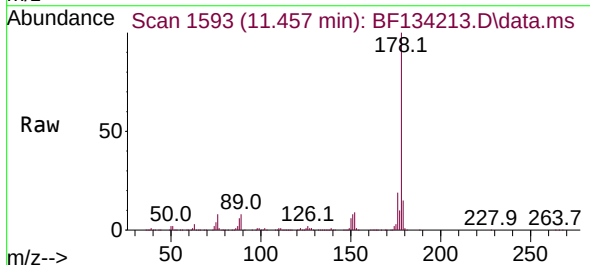
Instrument :
BNA_F
ClientSampleId :

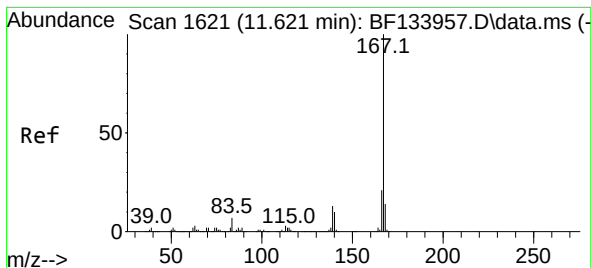
Tgt Ion:178 Resp: 825574
Ion Ratio Lower Upper
178 100
176 19.7 16.0 24.0
179 15.2 12.4 18.6



#72
Anthracene
Concen: 41.512 ng
RT: 11.457 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF134213.D
Acq: 11 Jul 2023 14:33

Tgt Ion:178 Resp: 857880
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 15.4 12.4 18.6





#73

Carbazole

Concen: 42.902 ng

RT: 11.616 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134213.D

Acq: 11 Jul 2023 14:33

Instrument :

BNA_F

ClientSampleId :

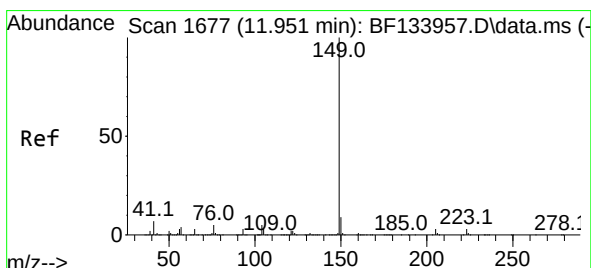
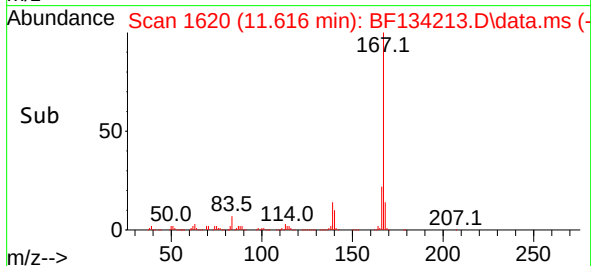
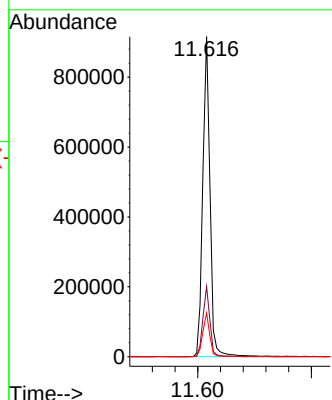
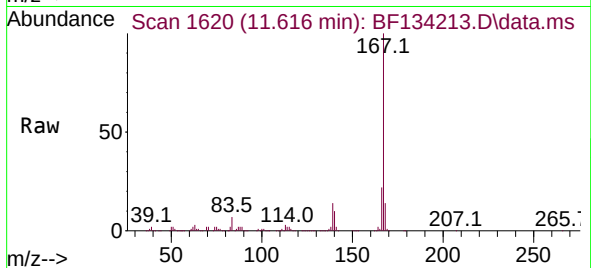
Tgt Ion:167 Resp: 811499

Ion Ratio Lower Upper

167 100

166 21.9 17.0 25.6

139 13.7 10.4 15.6



#74

Di-n-butylphthalate

Concen: 41.704 ng

RT: 11.945 min Scan# 1676

Delta R.T. 0.000 min

Lab File: BF134213.D

Acq: 11 Jul 2023 14:33

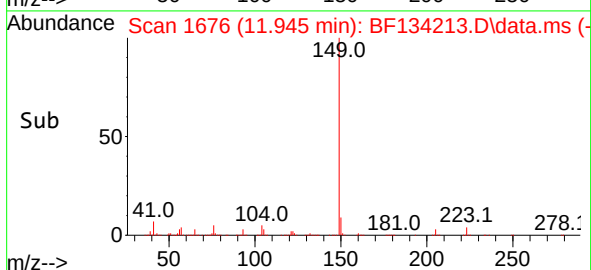
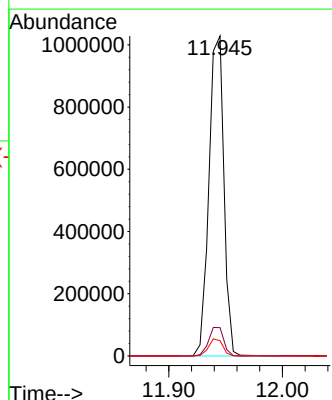
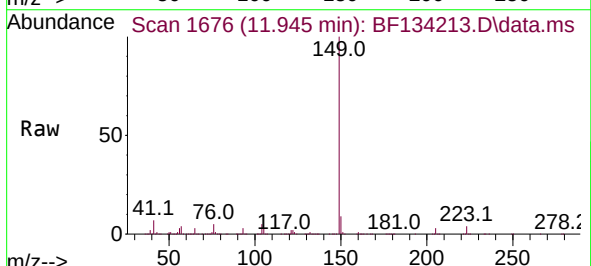
Tgt Ion:149 Resp: 938081

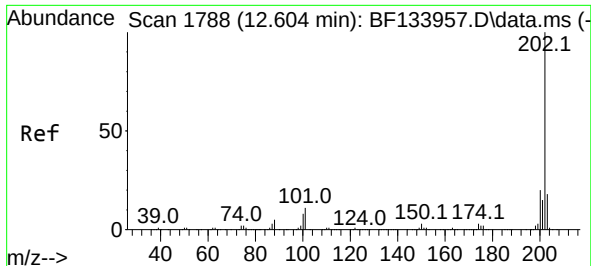
Ion Ratio Lower Upper

149 100

150 8.8 7.1 10.7

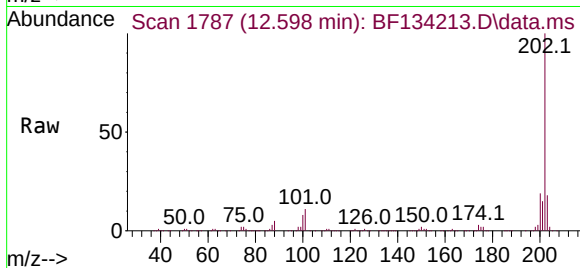
104 4.8 4.0 6.0



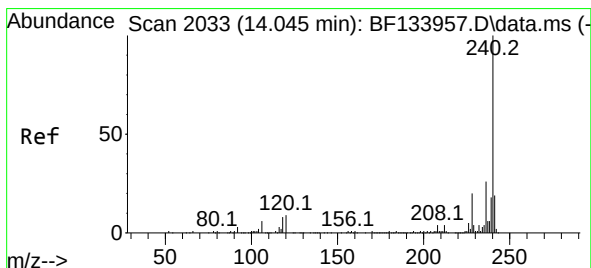
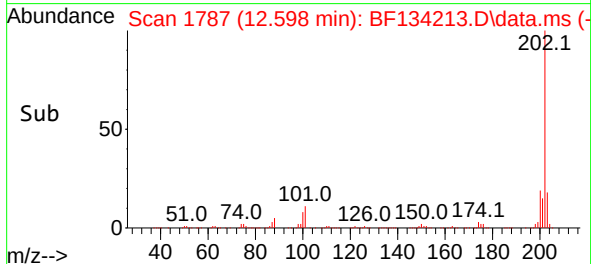
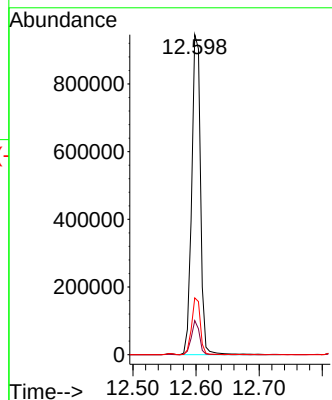


#75
Fluoranthene
Concen: 42.561 ng
RT: 12.598 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF134213.D
Acq: 11 Jul 2023 14:33

Instrument :
BNA_F
ClientSampleId :

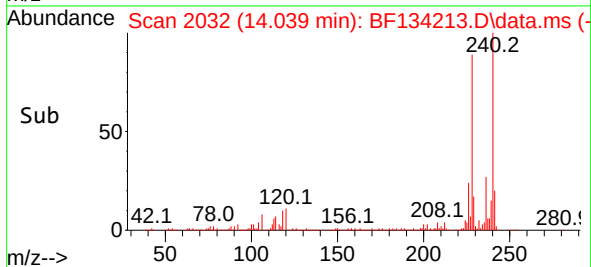
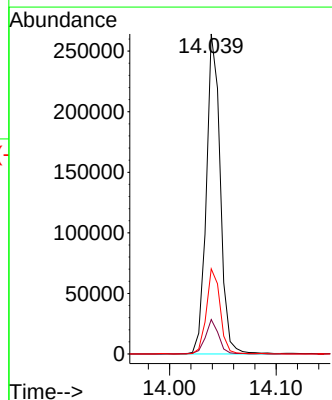
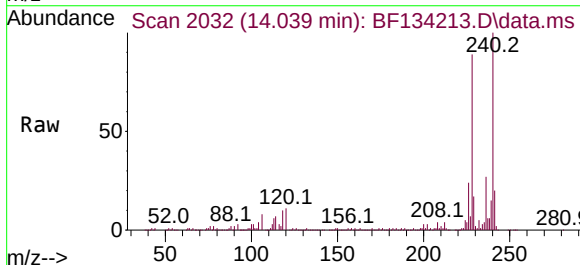


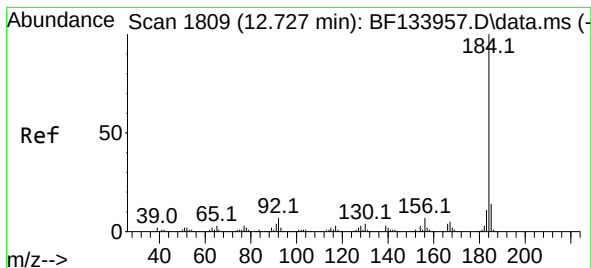
Tgt Ion:202 Resp: 914207
Ion Ratio Lower Upper
202 100
101 10.6 0.0 31.0
203 17.7 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF134213.D
Acq: 11 Jul 2023 14:33

Tgt Ion:240 Resp: 240493
Ion Ratio Lower Upper
240 100
120 10.8 7.4 11.0
236 26.6 21.0 31.6





#77

Benzidine

Concen: 26.376 ng

RT: 12.727 min Scan# 1809

Delta R.T. 0.000 min

Lab File: BF134213.D

Acq: 11 Jul 2023 14:33

Instrument :

BNA_F

ClientSampleId :

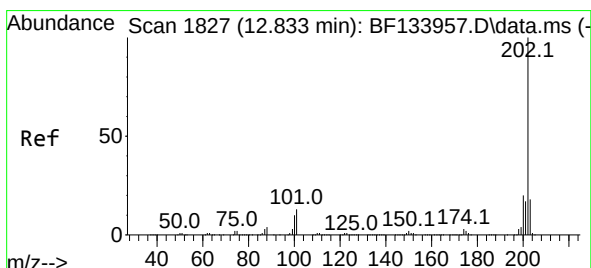
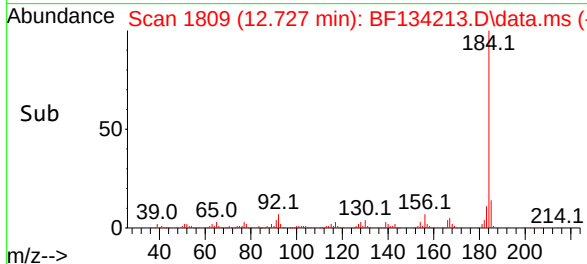
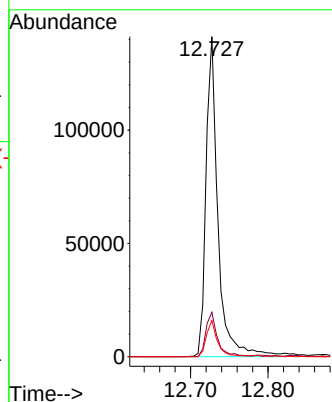
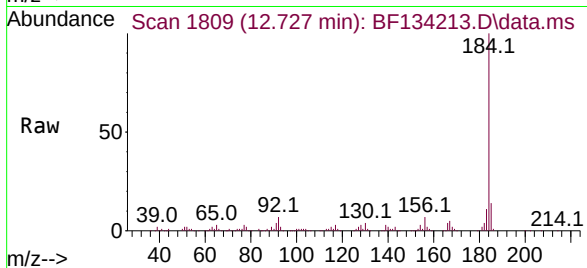
Tgt Ion:184 Resp: 150936

Ion Ratio Lower Upper

184 100

185 13.9 11.6 17.4

183 11.3 8.8 13.2



#78

Pyrene

Concen: 42.173 ng

RT: 12.833 min Scan# 1827

Delta R.T. 0.000 min

Lab File: BF134213.D

Acq: 11 Jul 2023 14:33

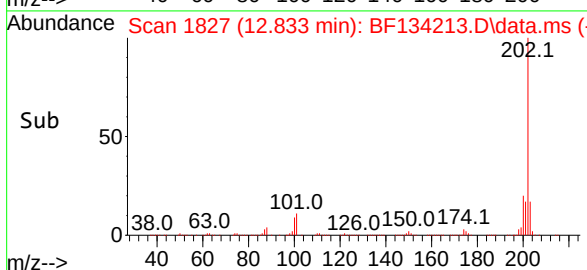
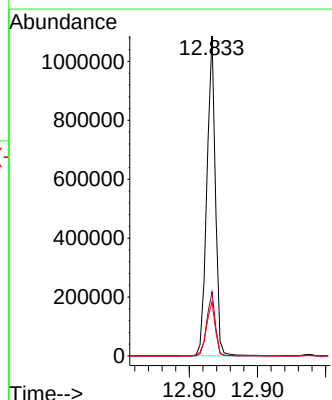
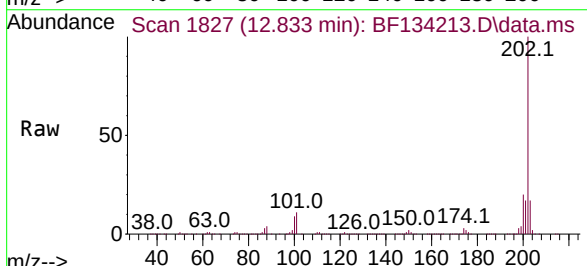
Tgt Ion:202 Resp: 943886

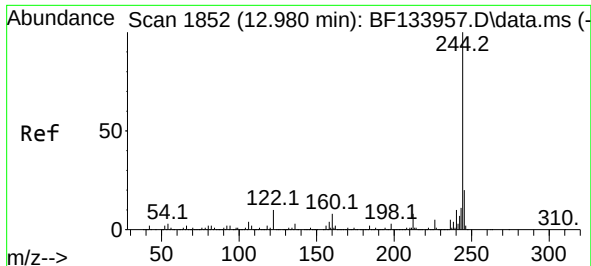
Ion Ratio Lower Upper

202 100

200 20.1 16.1 24.1

203 16.9 14.3 21.5

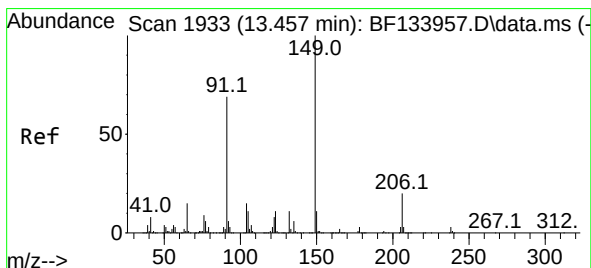
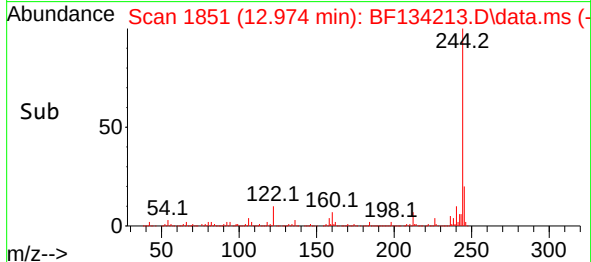
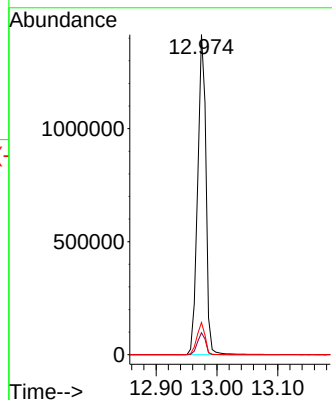
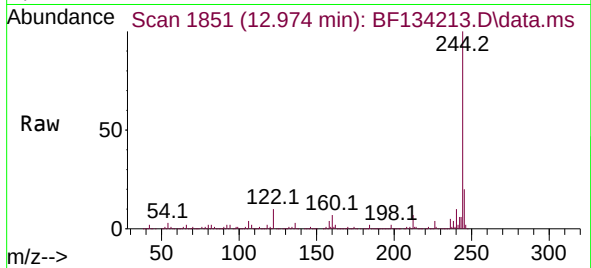




#79
 Terphenyl-d14
 Concen: 89.637 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. 0.000 min
 Lab File: BF134213.D
 Acq: 11 Jul 2023 14:33

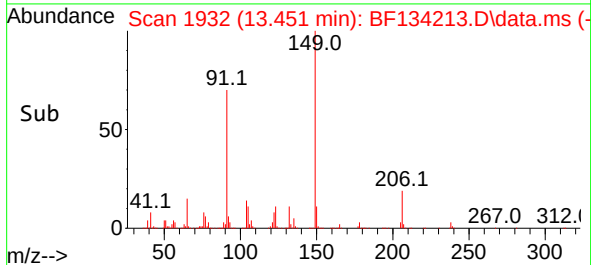
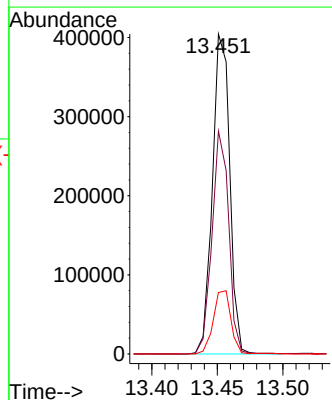
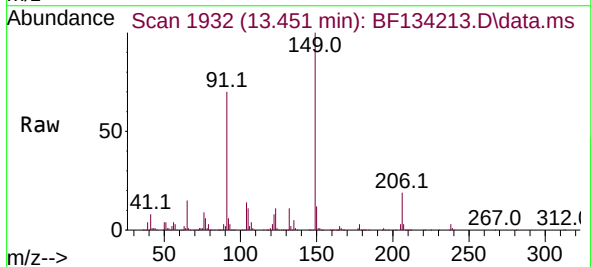
Instrument :
 BNA_F
 ClientSampleId :

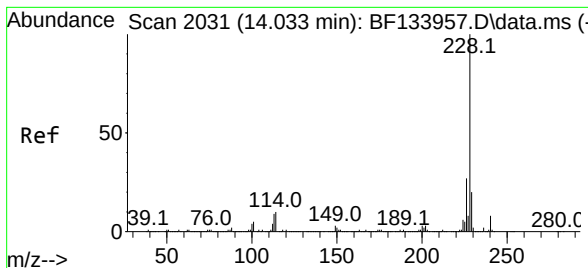
Tgt Ion:244 Resp: 1339433
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 10.0 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 44.250 ng
 RT: 13.451 min Scan# 1932
 Delta R.T. 0.000 min
 Lab File: BF134213.D
 Acq: 11 Jul 2023 14:33

Tgt Ion:149 Resp: 371434
 Ion Ratio Lower Upper
 149 100
 91 69.7 55.1 82.7
 206 19.2 15.7 23.5





#81

Benzo(a)anthracene

Concen: 42.907 ng

RT: 14.033 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF134213.D

Acq: 11 Jul 2023 14:33

Instrument :

BNA_F

ClientSampleId :

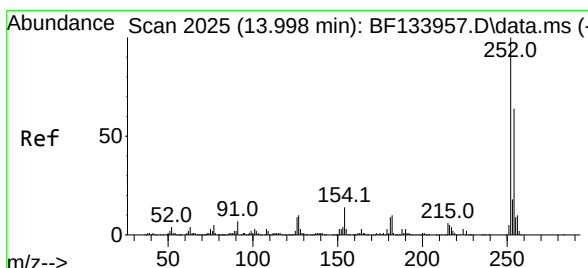
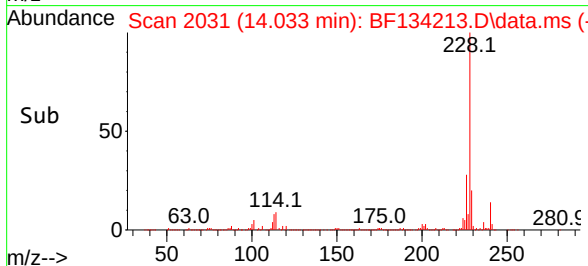
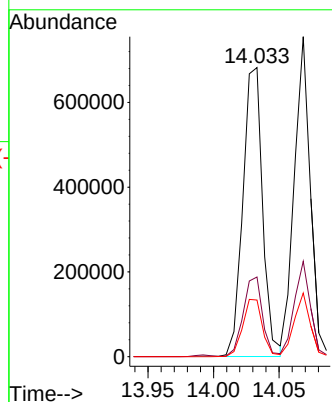
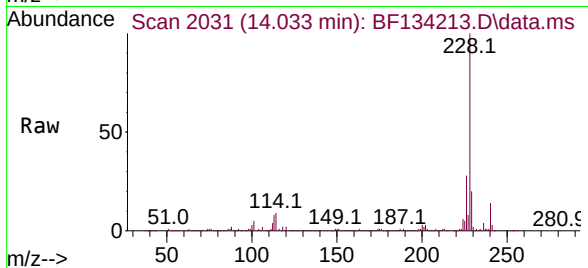
Tgt Ion:228 Resp: 715624

Ion Ratio Lower Upper

228 100

226 27.6 22.0 33.0

229 19.6 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 33.647 ng

RT: 13.992 min Scan# 2024

Delta R.T. 0.000 min

Lab File: BF134213.D

Acq: 11 Jul 2023 14:33

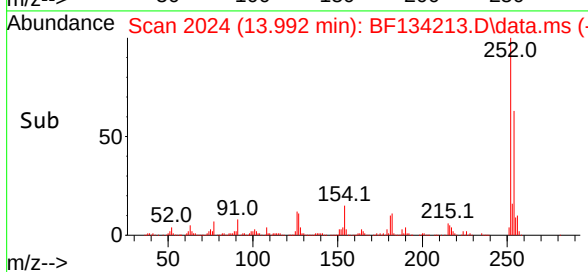
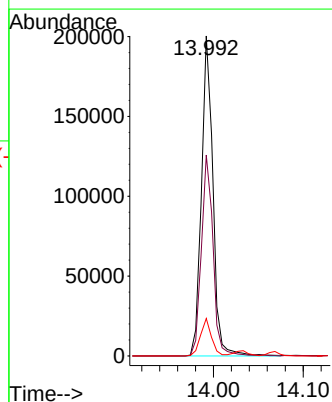
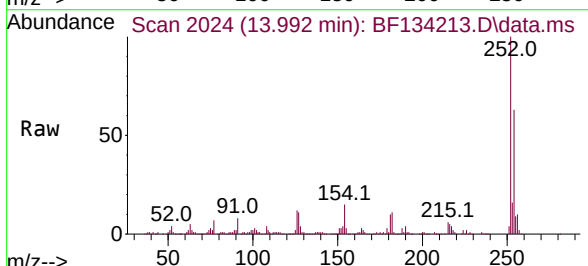
Tgt Ion:252 Resp: 177797

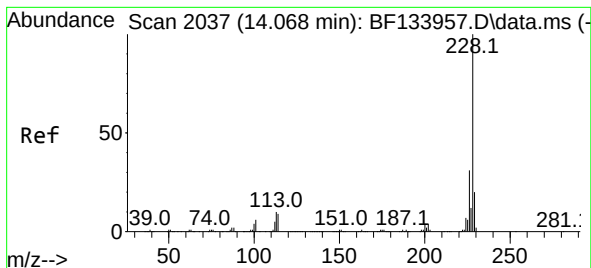
Ion Ratio Lower Upper

252 100

254 62.8 51.4 77.0

126 11.7 7.4 11.2#





#83

Chrysene

Concen: 40.620 ng

RT: 14.068 min Scan# 2037

Delta R.T. 0.000 min

Lab File: BF134213.D

Acq: 11 Jul 2023 14:33

Instrument :

BNA_F

ClientSampleId :

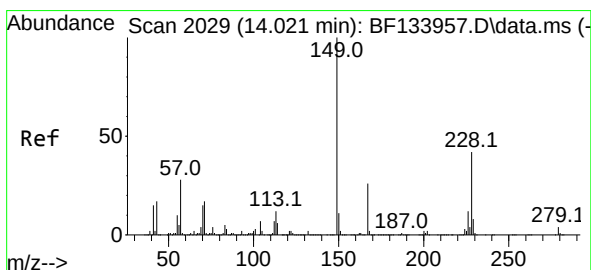
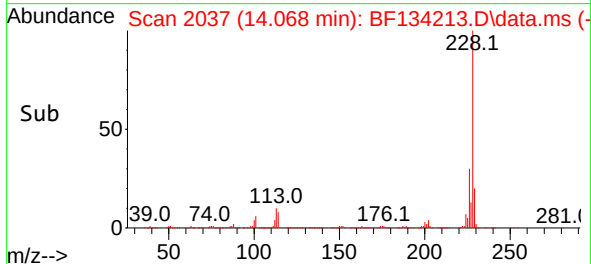
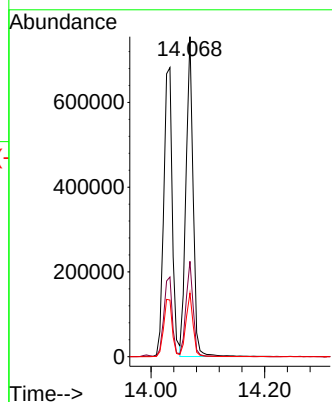
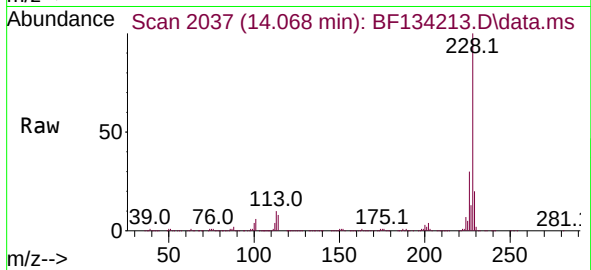
Tgt Ion:228 Resp: 656194

Ion Ratio Lower Upper

228 100

226 29.8 24.4 36.6

229 19.9 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.273 ng

RT: 14.015 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF134213.D

Acq: 11 Jul 2023 14:33

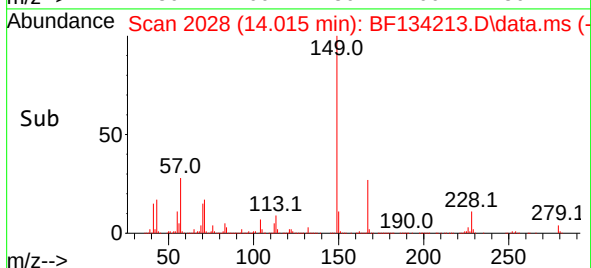
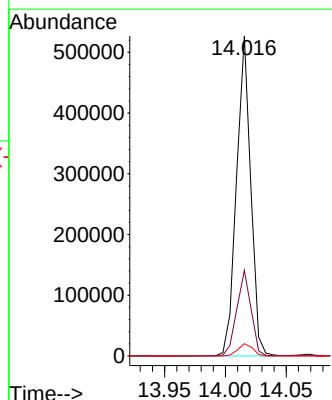
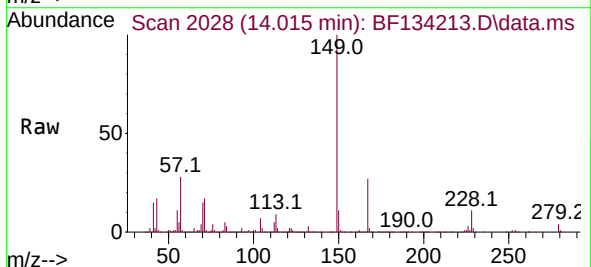
Tgt Ion:149 Resp: 427019

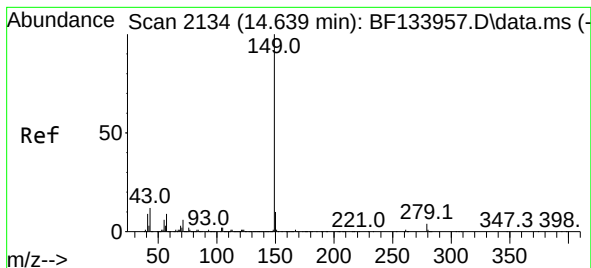
Ion Ratio Lower Upper

149 100

167 26.8 21.0 31.4

279 3.9 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 43.240 ng

RT: 14.633 min Scan# 2134

Delta R.T. -0.006 min

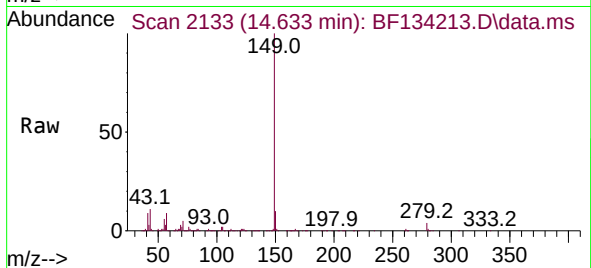
Lab File: BF134213.D

Acq: 11 Jul 2023 14:33

Instrument :

BNA_F

ClientSampleId :



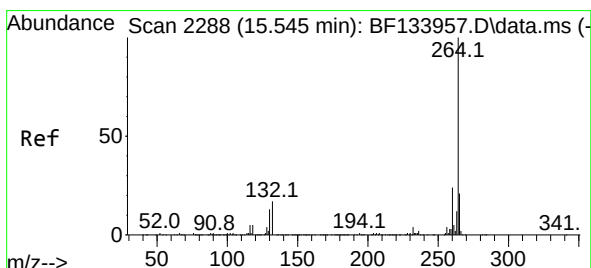
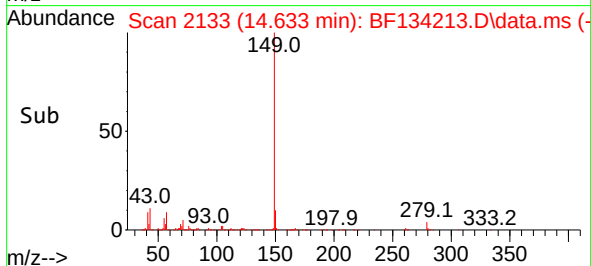
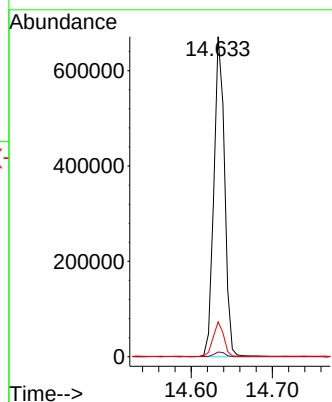
Tgt Ion:149 Resp: 612814

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 10.6 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2288

Delta R.T. 0.000 min

Lab File: BF134213.D

Acq: 11 Jul 2023 14:33

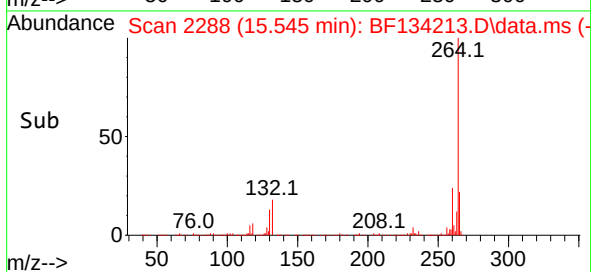
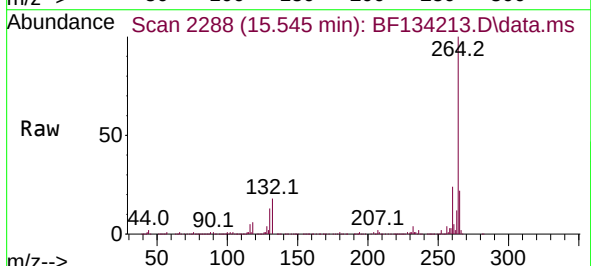
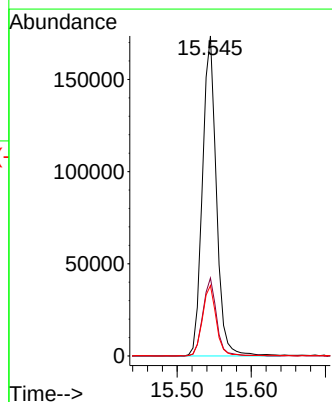
Tgt Ion:264 Resp: 226976

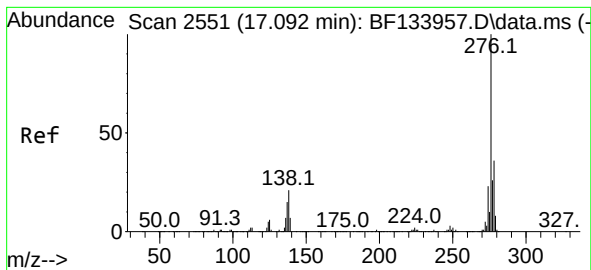
Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

265 22.0 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.568 ng

RT: 17.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF134213.D

Acq: 11 Jul 2023 14:33

Instrument :

BNA_F

ClientSampleId :

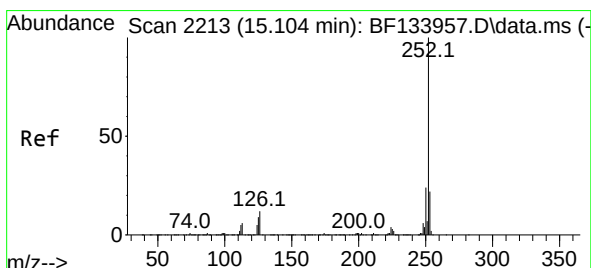
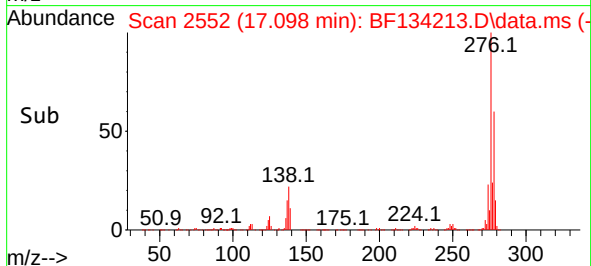
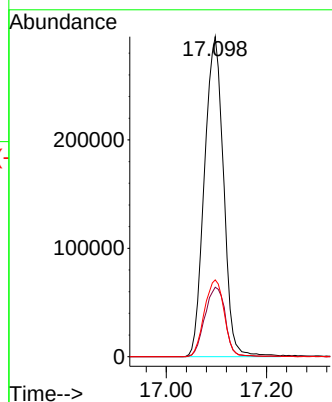
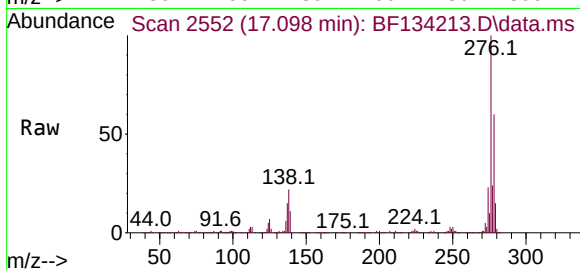
Tgt Ion:276 Resp: 780693

Ion Ratio Lower Upper

276 100

138 23.2 18.7 28.1

277 25.1 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 46.298 ng

RT: 15.098 min Scan# 2212

Delta R.T. -0.006 min

Lab File: BF134213.D

Acq: 11 Jul 2023 14:33

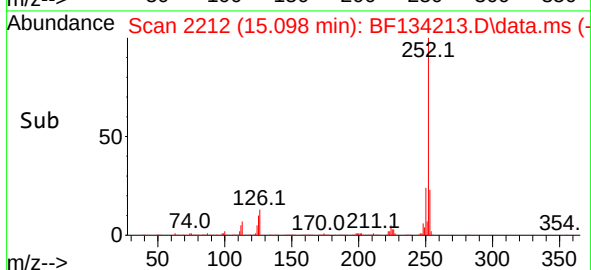
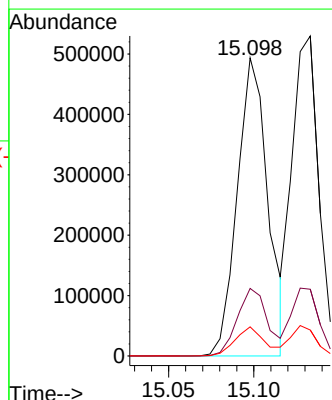
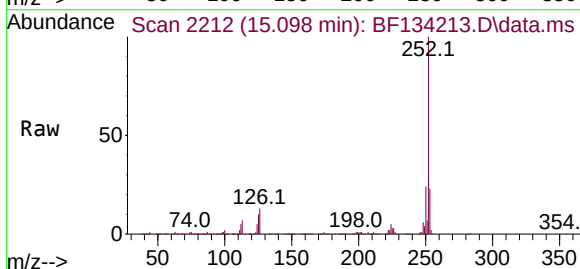
Tgt Ion:252 Resp: 617905

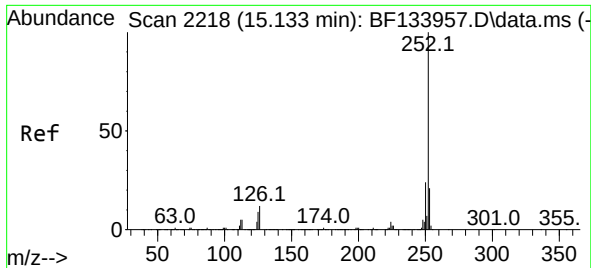
Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.0

125 9.8 7.1 10.7

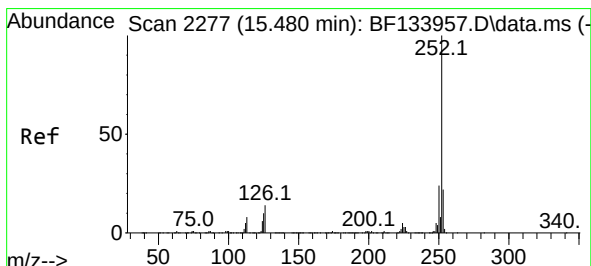
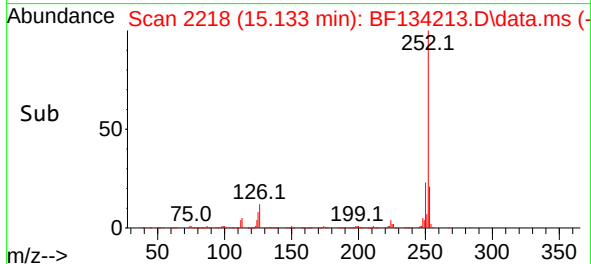
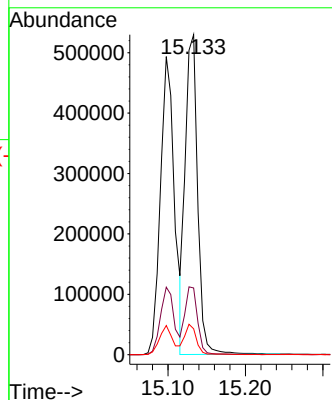
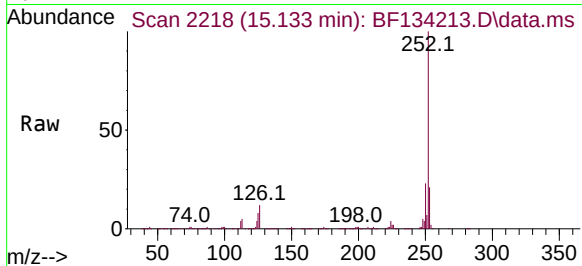




#89
Benzo(k)fluoranthene
Concen: 43.288 ng
RT: 15.133 min Scan# 2218
Delta R.T. 0.000 min
Lab File: BF134213.D
Acq: 11 Jul 2023 14:33

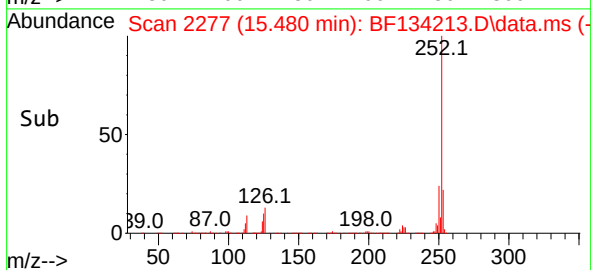
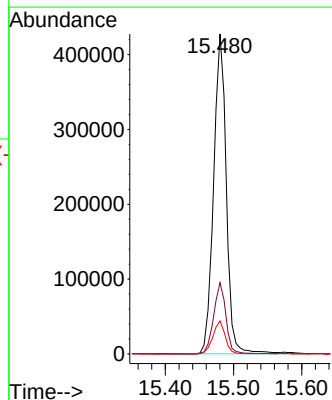
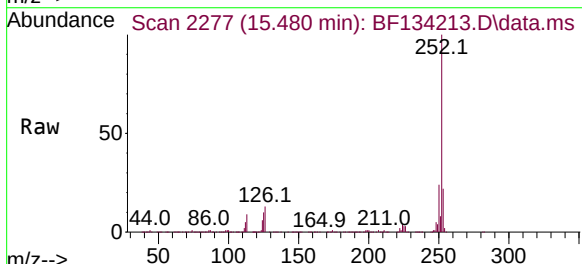
Instrument :
BNA_F
ClientSampleId :

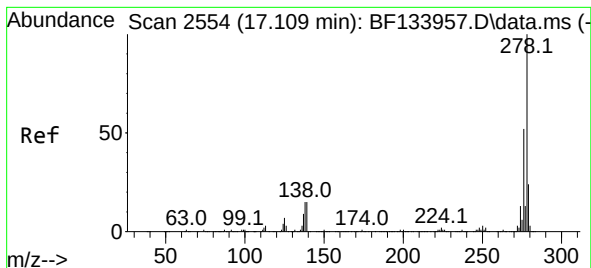
Tgt Ion:252 Resp: 588220
Ion Ratio Lower Upper
252 100
253 20.8 16.9 25.3
125 8.1 7.4 11.2



#90
Benzo(a)pyrene
Concen: 42.910 ng
RT: 15.480 min Scan# 2277
Delta R.T. 0.000 min
Lab File: BF134213.D
Acq: 11 Jul 2023 14:33

Tgt Ion:252 Resp: 553785
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 10.3 8.4 12.6





#91

Dibenzo(a,h)anthracene

Concen: 50.039 ng

RT: 17.109 min Scan# 2554

Delta R.T. -0.006 min

Lab File: BF134213.D

Acq: 11 Jul 2023 14:33

Instrument :

BNA_F

ClientSampleId :

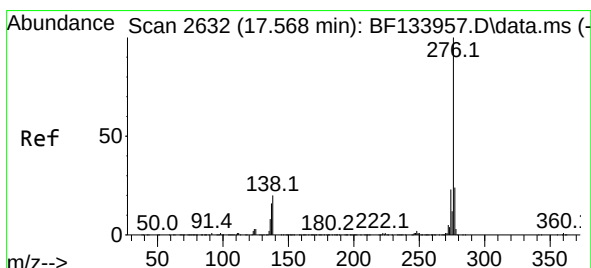
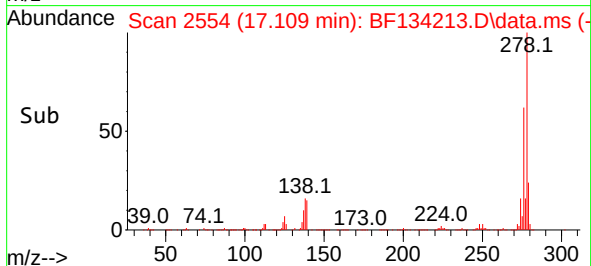
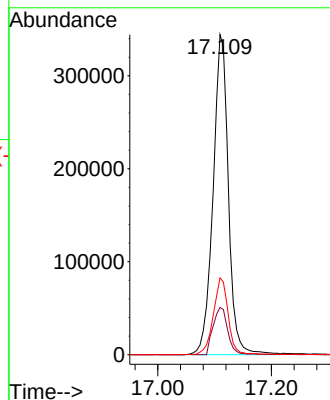
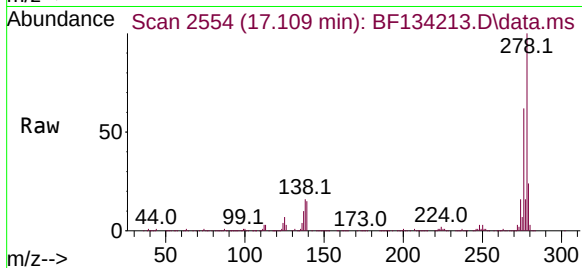
Tgt Ion:278 Resp: 643713

Ion Ratio Lower Upper

278 100

139 14.7 12.2 18.4

279 24.0 19.4 29.2



#92

Benzo(g,h,i)perylene

Concen: 49.225 ng

RT: 17.568 min Scan# 2632

Delta R.T. 0.000 min

Lab File: BF134213.D

Acq: 11 Jul 2023 14:33

Tgt Ion:276 Resp: 653023

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.6

138 19.9 16.2 24.2

