

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
 Data File : BF134206.D
 Acq On : 11 Jul 2023 10:44
 Operator : CG\JU
 Sample : PB153986BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 12 01:00:40 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	124408	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	411143	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	236788	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	432894	20.000	ng	0.00
76) Chrysene-d12	14.045	240	240368	20.000	ng	0.00
86) Perylene-d12	15.545	264	229005	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	844961	113.612	ng	0.01
7) Phenol-d6	6.487	99	1006218	110.013	ng	0.00
23) Nitrobenzene-d5	7.410	82	670625	87.926	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	336659	113.397	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1146950	70.423	ng	0.00
79) Terphenyl-d14	12.980	244	1245361	83.385	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.710	88	123770	40.361	ng	98
3) Pyridine	3.487	79	245689	30.758	ng	97
4) n-Nitrosodimethylamine	3.446	42	178963	39.228	ng	97
6) Aniline	6.510	93	237895	21.374	ng	# 89
8) 2-Chlorophenol	6.634	128	340069	45.044	ng	95
9) Benzaldehyde	6.398	77	122002	21.356	ng	99
10) Phenol	6.504	94	391150	40.674	ng	91
11) bis(2-Chloroethyl)ether	6.581	93	309812	43.759	ng	100
12) 1,3-Dichlorobenzene	6.787	146	360455	44.783	ng	97
13) 1,4-Dichlorobenzene	6.863	146	368611	45.341	ng	99
14) 1,2-Dichlorobenzene	7.016	146	349433	45.894	ng	98
15) Benzyl Alcohol	6.992	79	297338	42.170	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.122	45	524346	41.862	ng	98
17) 2-Methylphenol	7.104	107	284171	42.033	ng	100
18) Hexachloroethane	7.351	117	127856	42.415	ng	97
19) n-Nitroso-di-n-propyla...	7.263	70	234878	40.494	ng	96
20) 3+4-Methylphenols	7.257	107	328383	40.038	ng	97
22) Acetophenone	7.257	105	460031	49.199	ng	# 97
24) Nitrobenzene	7.434	77	365640	47.440	ng	98
25) Isophorone	7.669	82	637261	45.973	ng	99
26) 2-Nitrophenol	7.745	139	185402	50.144	ng	100
27) 2,4-Dimethylphenol	7.781	122	281795	48.148	ng	96
28) bis(2-Chloroethoxy)met...	7.875	93	375704	46.809	ng	98
29) 2,4-Dichlorophenol	7.986	162	284417	49.007	ng	97
30) 1,2,4-Trichlorobenzene	8.069	180	290117	48.447	ng	98
31) Naphthalene	8.151	128	821896	41.386	ng	99
32) Benzoic acid	7.910	122	211881	48.313	ng	99
33) 4-Chloroaniline	8.198	127	104540	12.306	ng	96
34) Hexachlorobutadiene	8.263	225	164648	43.587	ng	99
35) Caprolactam	8.581	113	63821	33.398	ng	97
36) 4-Chloro-3-methylphenol	8.686	107	275360	42.235	ng	97
37) 2-Methylnaphthalene	8.839	142	556025	39.592	ng	100
38) 1-Methylnaphthalene	8.939	142	515993	39.522	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	271612	38.718	ng	99
41) Hexachlorocyclopentadiene	8.992	237	243698	73.223	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	177799	37.231	ng	100

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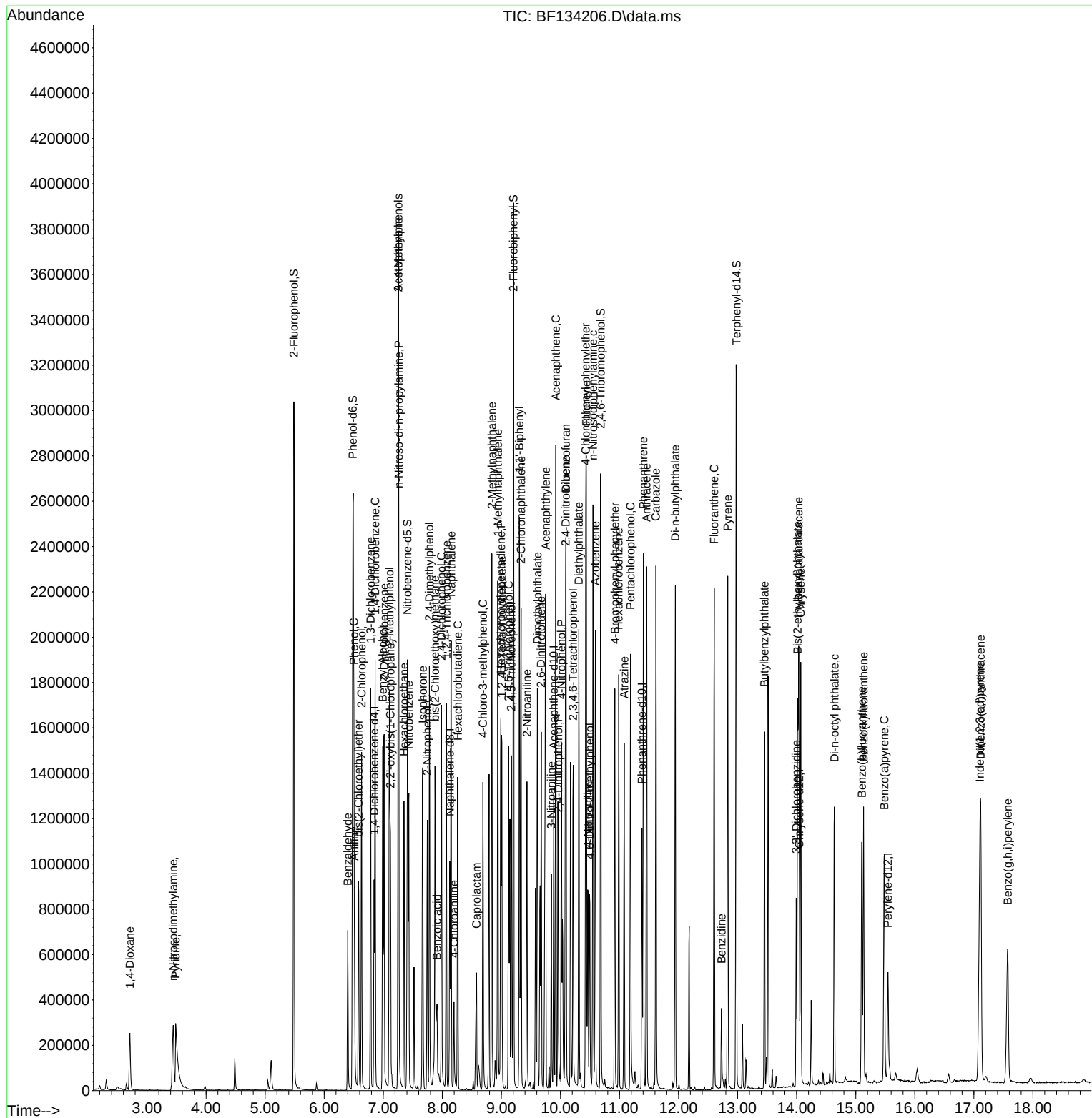
Instrument :
 BNA_F
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Quant Time: Jul 12 01:00:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 11 13:06:48 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	191502	34.091	ng	98
46) 1,1'-Biphenyl	9.304	154	784327	41.293	ng	99
47) 2-Chloronaphthalene	9.333	162	571208	41.102	ng	98
48) 2-Nitroaniline	9.433	65	207980	41.063	ng	94
49) Acenaphthylene	9.751	152	951741	40.090	ng	99
50) Dimethylphthalate	9.610	163	690995	40.201	ng	100
51) 2,6-Dinitrotoluene	9.675	165	158542	42.825	ng	95
52) Acenaphthene	9.922	154	559612	40.624	ng	98
53) 3-Nitroaniline	9.845	138	127818	28.779	ng	96
54) 2,4-Dinitrophenol	9.963	184	164588	77.128	ng	87
55) Dibenzofuran	10.092	168	860302	39.960	ng	99
56) 4-Nitrophenol	10.016	139	234096	75.353	ng	97
57) 2,4-Dinitrotoluene	10.086	165	206237	42.183	ng	98
58) Fluorene	10.439	166	675460	40.328	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	184526	41.644	ng	97
60) Diethylphthalate	10.310	149	705492	39.396	ng	99
61) 4-Chlorophenyl-phenyle...	10.427	204	318472	39.455	ng	98
62) 4-Nitroaniline	10.469	138	174239	38.928	ng	95
63) Azobenzene	10.592	77	661075	39.026	ng	98
65) 4,6-Dinitro-2-methylph...	10.498	198	111952	47.435	ng	99
66) n-Nitrosodiphenylamine	10.551	169	606293	43.835	ng	99
67) 4-Bromophenyl-phenylether	10.922	248	202126	43.929	ng	97
68) Hexachlorobenzene	10.986	284	233137	47.722	ng	98
69) Atrazine	11.080	200	162188	42.393	ng	99
70) Pentachlorophenol	11.186	266	216683	74.180	ng	98
71) Phenanthrene	11.404	178	896976	41.160	ng	99
72) Anthracene	11.457	178	933265	41.173	ng	99
73) Carbazole	11.616	167	952789	45.924	ng	99
74) Di-n-butylphthalate	11.945	149	1046079	42.399	ng	99
75) Fluoranthene	12.604	202	905601	38.438	ng	98
77) Benzidine	12.727	184	150421	26.300	ng	99
78) Pyrene	12.833	202	905838	40.494	ng	99
80) Butylbenzylphthalate	13.457	149	357741	42.641	ng	96
81) Benzo(a)anthracene	14.033	228	693150	41.581	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	172926	32.743	ng	# 99
83) Chrysene	14.068	228	651197	40.332	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	405710	42.085	ng	99
85) Di-n-octyl phthalate	14.639	149	596060	42.080	ng	99
87) Indeno(1,2,3-cd)pyrene	17.103	276	797538	50.189	ng	99
88) Benzo(b)fluoranthene	15.104	252	520378	38.645	ng	99
89) Benzo(k)fluoranthene	15.133	252	535375	39.050	ng	98
90) Benzo(a)pyrene	15.486	252	558411	42.885	ng	98
91) Dibenzo(a,h)anthracene	17.115	278	652637	50.283	ng	100
92) Benzo(g,h,i)perylene	17.574	276	562448	42.021	ng	98

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

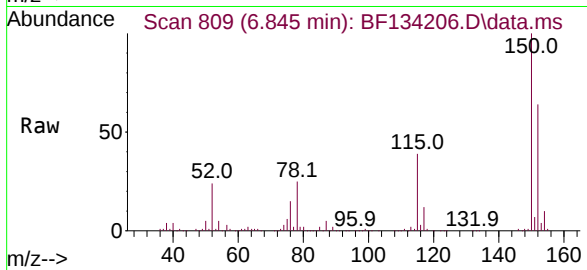
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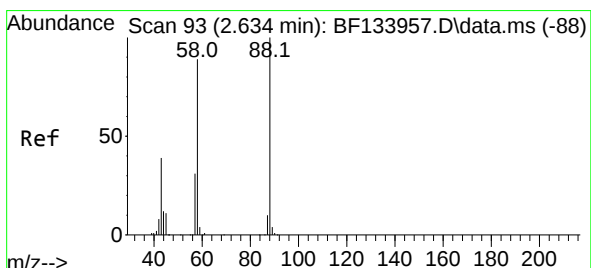
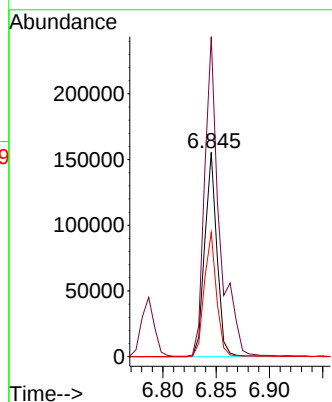
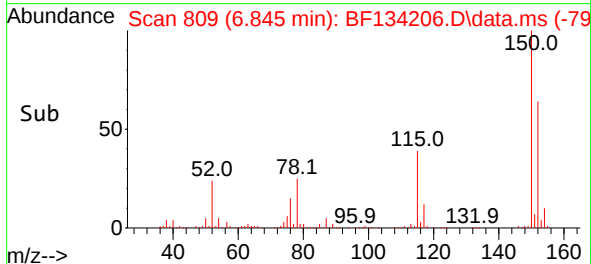


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF134206.D
 Acq: 11 Jul 2023 10:44

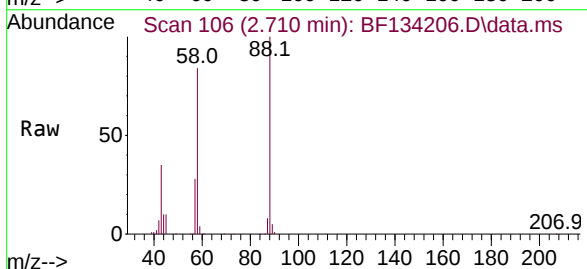
Instrument :
 BNA_F
 ClientSampleId :



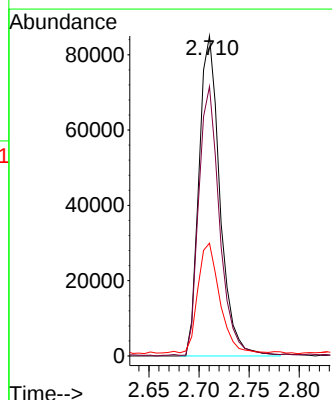
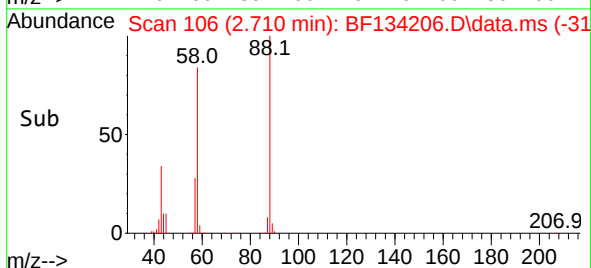
Tgt Ion:152 Resp: 124408
 Ion Ratio Lower Upper
 152 100
 150 156.6 124.5 186.7
 115 60.7 50.2 75.2

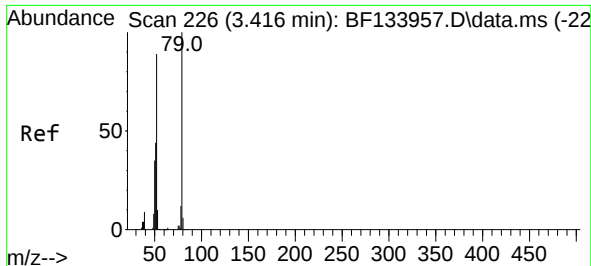


#2
 1,4-Dioxane
 Concen: 40.361 ng
 RT: 2.710 min Scan# 106
 Delta R.T. 0.094 min
 Lab File: BF134206.D
 Acq: 11 Jul 2023 10:44



Tgt Ion: 88 Resp: 123770
 Ion Ratio Lower Upper
 88 100
 58 85.0 68.8 103.2
 43 35.8 30.7 46.1





#3

Pyridine

Concen: 30.758 ng

RT: 3.487 min Scan# 21

Delta R.T. 0.088 min

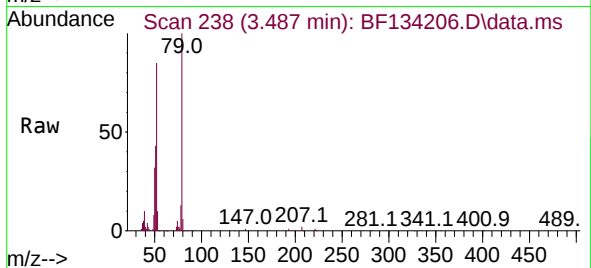
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Acq: 11 Jul 2023 10:44

Instrument :

BNA_F

ClientSampleId :



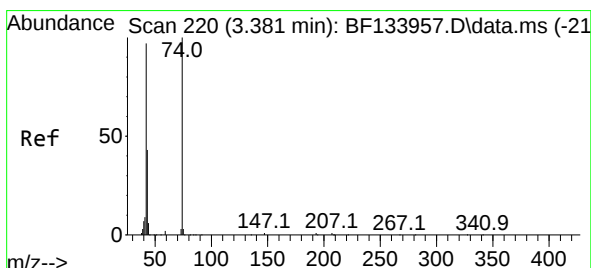
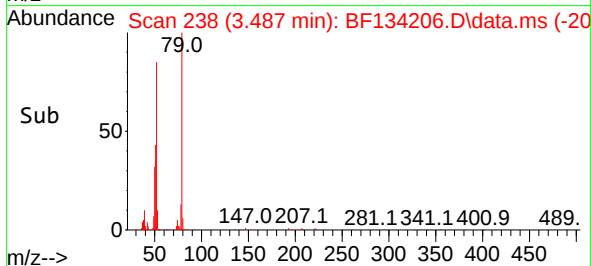
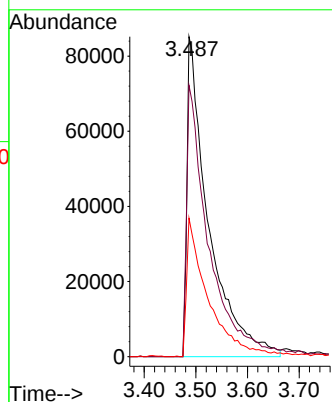
Tgt Ion: 79 Resp: 245689

Ion Ratio Lower Upper

79 100

52 84.8 71.1 106.7

51 43.3 35.2 52.8



#4

n-Nitrosodimethylamine

Concen: 39.228 ng

RT: 3.446 min Scan# 231

Delta R.T. 0.082 min

Lab File: BF134206.D

Acq: 11 Jul 2023 10:44

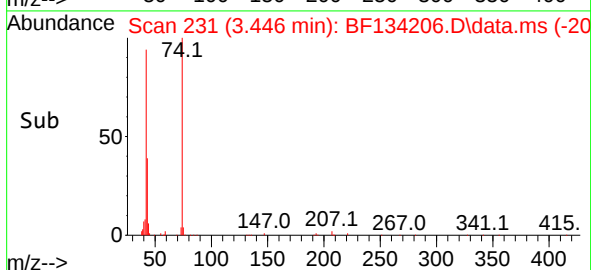
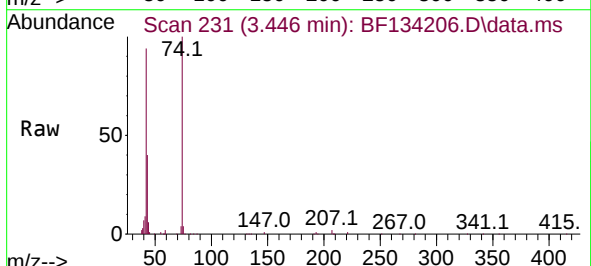
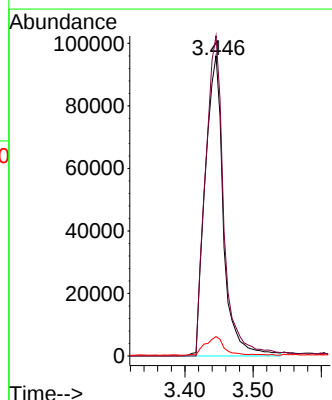
Tgt Ion: 42 Resp: 178963

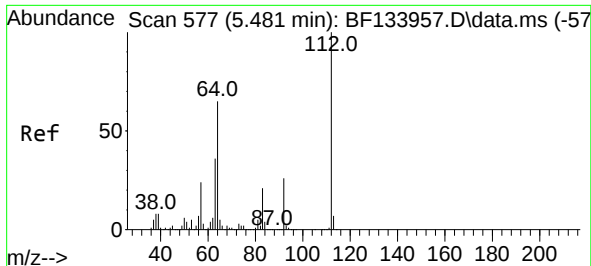
Ion Ratio Lower Upper

42 100

74 106.6 82.4 123.6

44 6.4 4.9 7.3

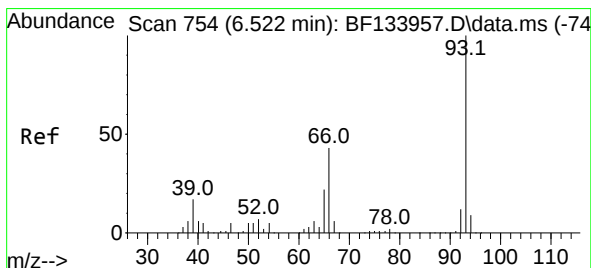
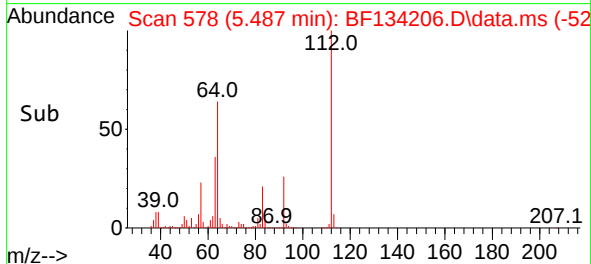
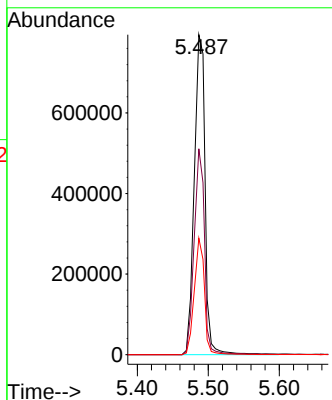
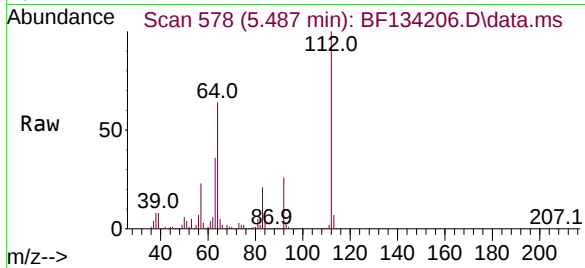




#5
2-Fluorophenol
Concen: 113.612 ng
RT: 5.487 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF134206.D
Acq: 11 Jul 2023 10:44

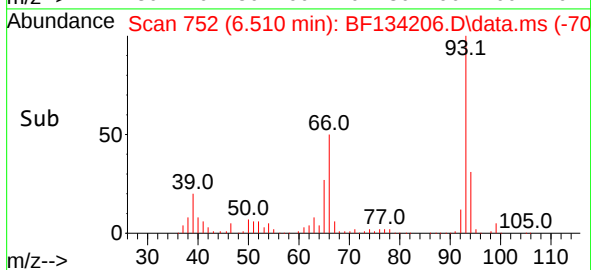
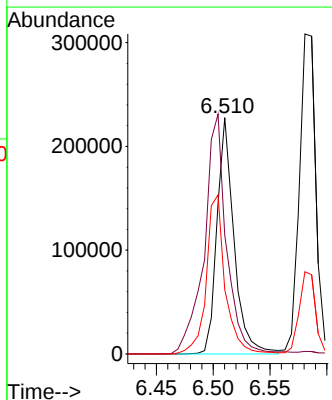
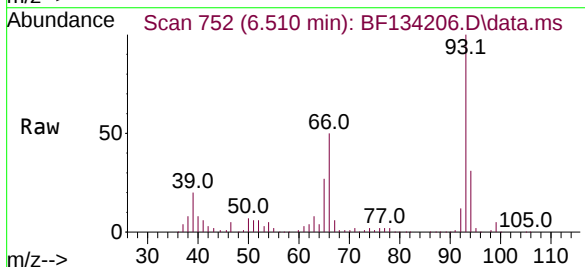
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 844961
Ion Ratio Lower Upper
112 100
64 64.4 52.1 78.1
63 36.4 28.6 42.8



#6
Aniline
Concen: 21.374 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF134206.D
Acq: 11 Jul 2023 10:44

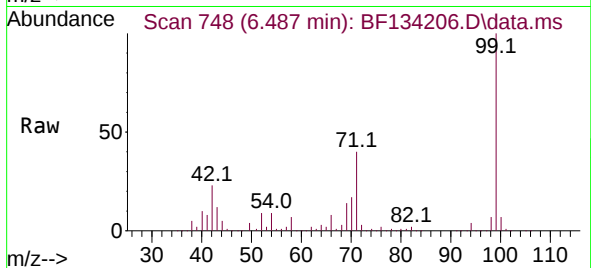
Tgt Ion: 93 Resp: 237895
Ion Ratio Lower Upper
93 100
66 50.2 34.5 51.7
65 27.2 17.8 26.6#



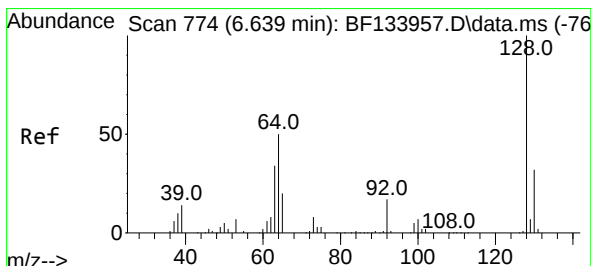
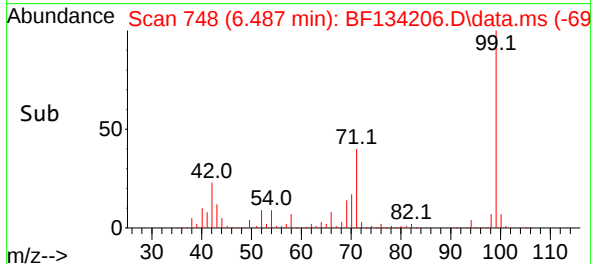
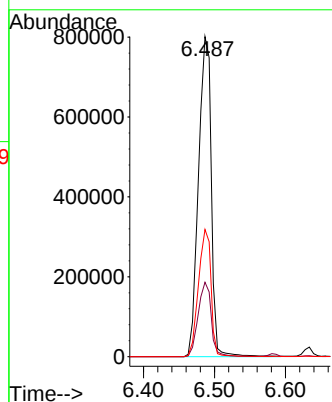


#7
Phenol-d6
Concen: 110.013 ng
RT: 6.487 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF134206.D
Acq: 11 Jul 2023 10:44

Instrument :
BNA_F
ClientSampleId :

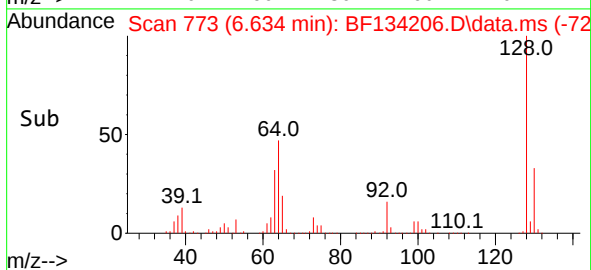
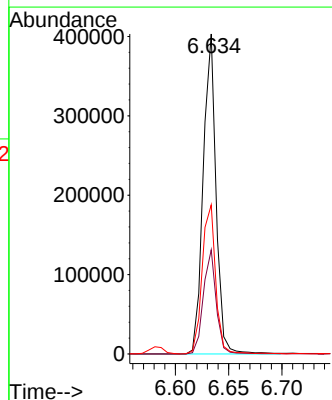
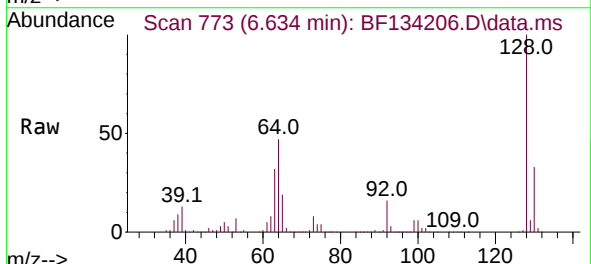


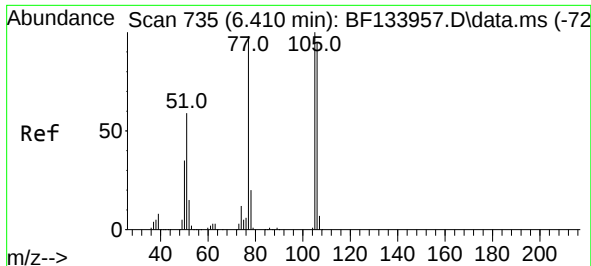
Tgt Ion: 99 Resp: 1006218
Ion Ratio Lower Upper
99 100
42 23.3 19.8 29.6
71 39.7 31.9 47.9



#8
2-Chlorophenol
Concen: 45.044 ng
RT: 6.634 min Scan# 773
Delta R.T. -0.000 min
Lab File: BF134206.D
Acq: 11 Jul 2023 10:44

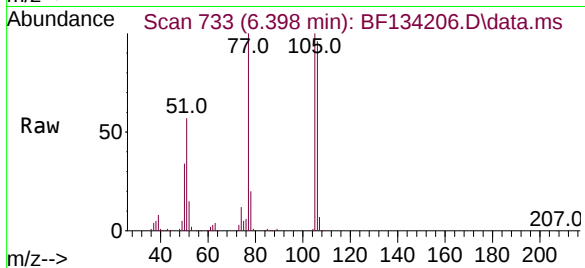
Tgt Ion: 128 Resp: 340069
Ion Ratio Lower Upper
128 100
130 32.5 11.7 51.7
64 46.6 31.3 71.3



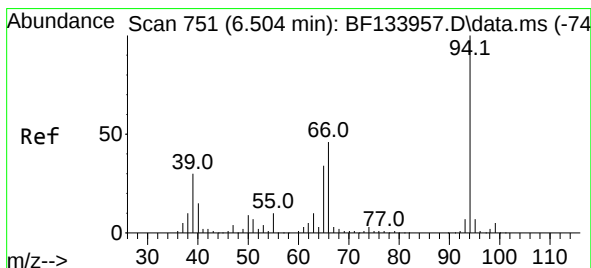
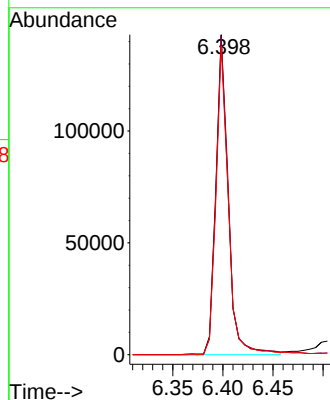
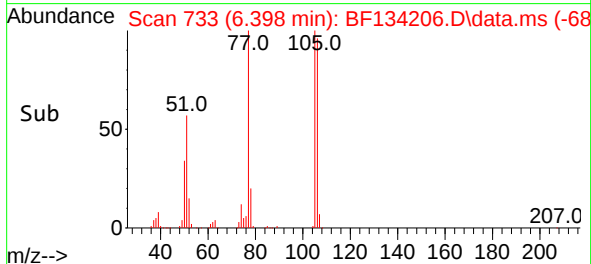


#9
Benzaldehyde
Concen: 21.356 ng
RT: 6.398 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF134206.D
Acq: 11 Jul 2023 10:44

Instrument :
BNA_F
ClientSampleId :

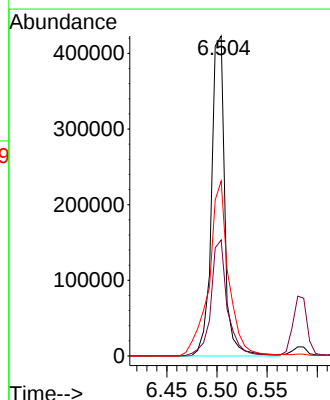
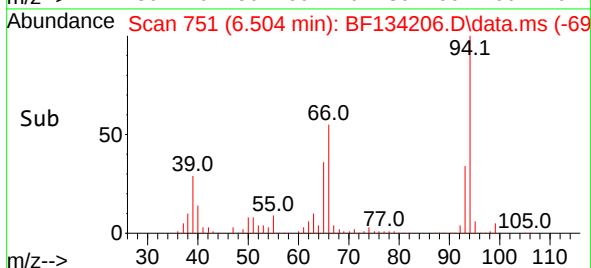
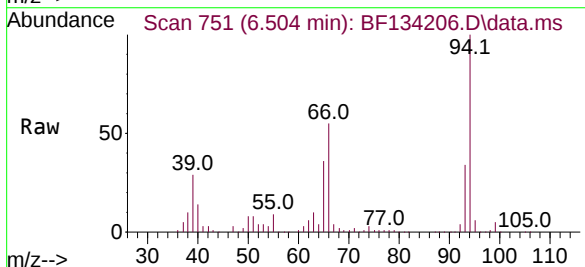


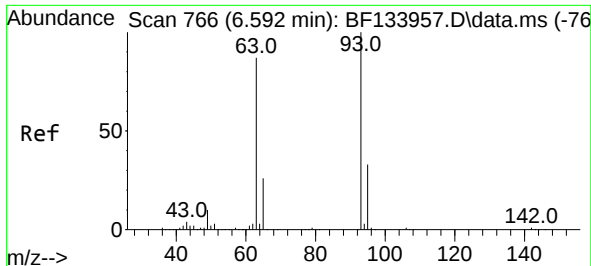
Tgt Ion: 77 Resp: 122002
Ion Ratio Lower Upper
77 100
105 99.6 82.0 122.0
106 96.4 76.9 116.9



#10
Phenol
Concen: 40.674 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF134206.D
Acq: 11 Jul 2023 10:44

Tgt Ion: 94 Resp: 391150
Ion Ratio Lower Upper
94 100
65 36.2 14.2 54.2
66 54.6 26.4 66.4

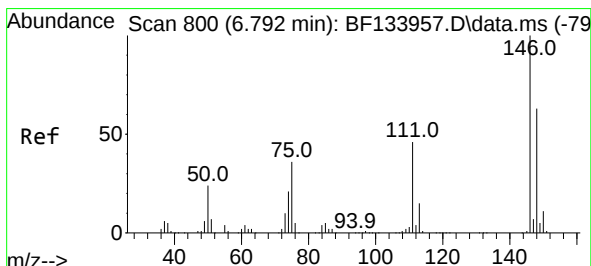
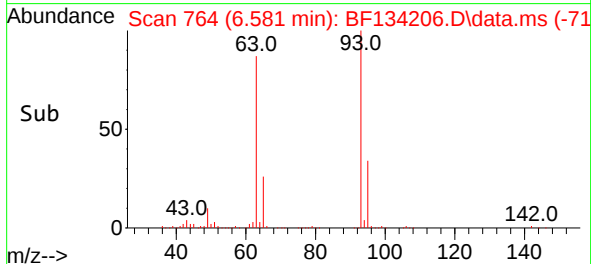
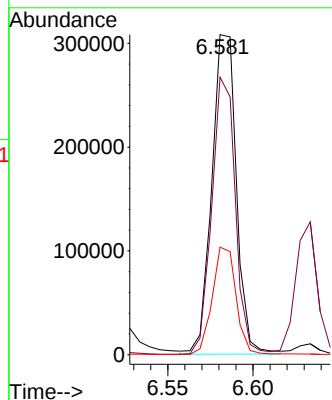
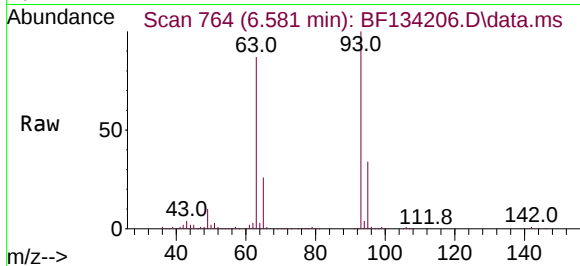




#11
bis(2-Chloroethyl)ether
Concen: 43.759 ng
RT: 6.581 min Scan# 701
Delta R.T. -0.006 min
Lab File: BF134206.D
Acq: 11 Jul 2023 10:44

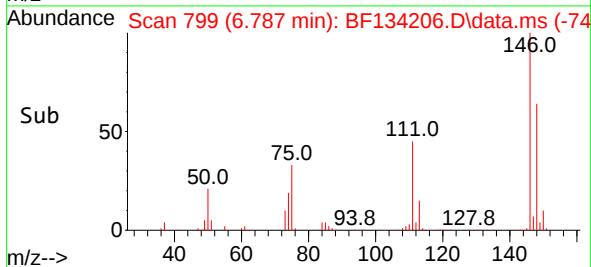
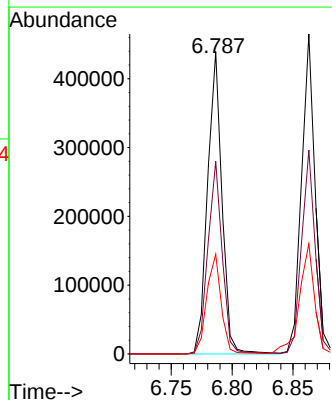
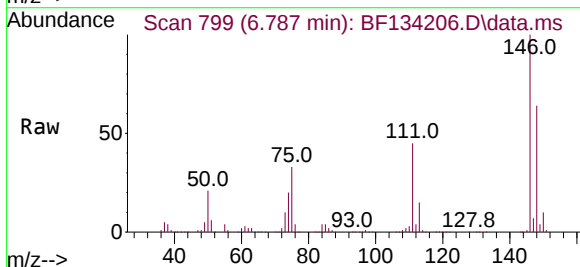
Instrument :
BNA_F
ClientSampleId :

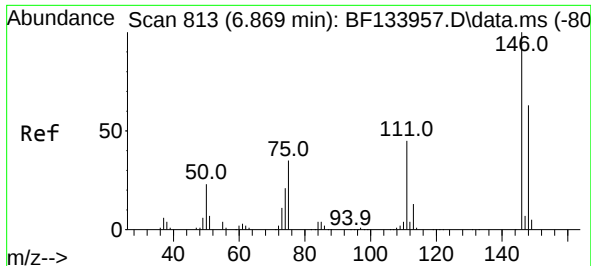
Tgt Ion: 93 Resp: 309812
Ion Ratio Lower Upper
93 100
63 86.7 66.5 106.5
95 33.6 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 44.783 ng
RT: 6.787 min Scan# 799
Delta R.T. -0.000 min
Lab File: BF134206.D
Acq: 11 Jul 2023 10:44

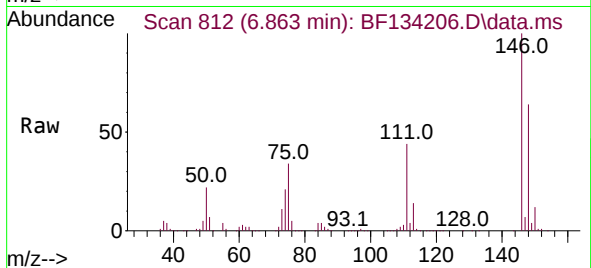
Tgt Ion:146 Resp: 360455
Ion Ratio Lower Upper
146 100
148 63.7 50.5 75.7
75 32.9 29.0 43.6



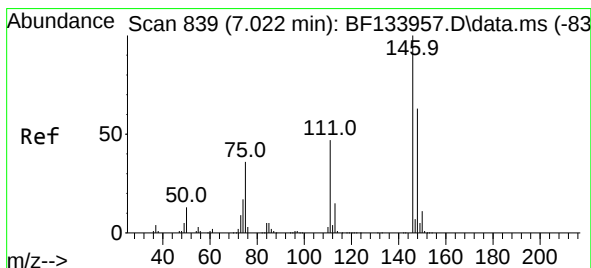
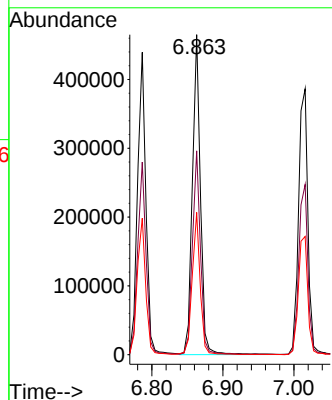
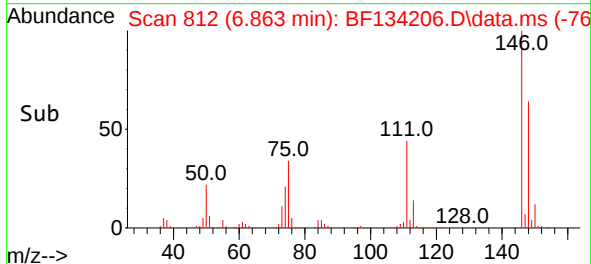


#13
1,4-Dichlorobenzene
Concen: 45.341 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF134206.D
Acq: 11 Jul 2023 10:44

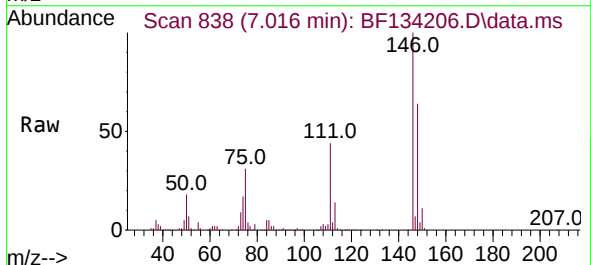
Instrument :
BNA_F
ClientSampleId :



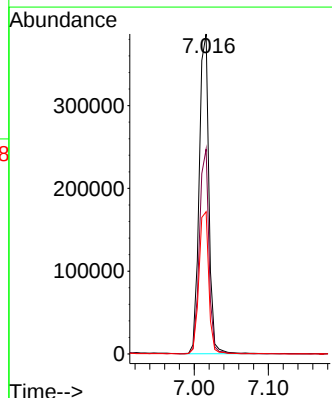
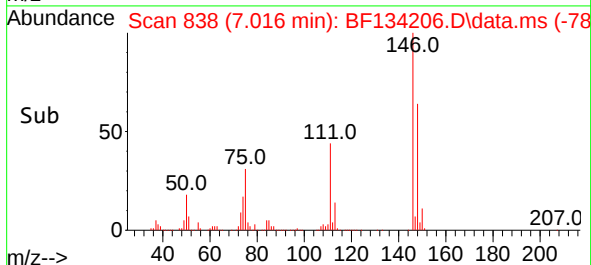
Tgt Ion:146 Resp: 368611
Ion Ratio Lower Upper
146 100
148 63.7 50.2 75.2
111 44.5 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 45.894 ng
RT: 7.016 min Scan# 838
Delta R.T. -0.000 min
Lab File: BF134206.D
Acq: 11 Jul 2023 10:44



Tgt Ion:146 Resp: 349433
Ion Ratio Lower Upper
146 100
148 64.0 50.6 76.0
111 44.5 38.0 57.0

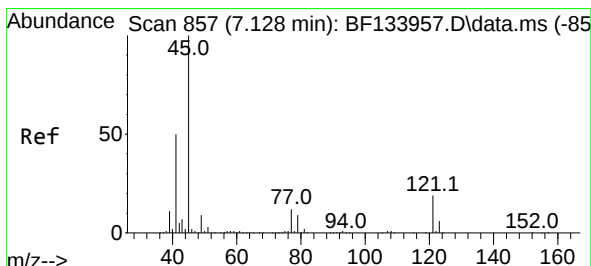
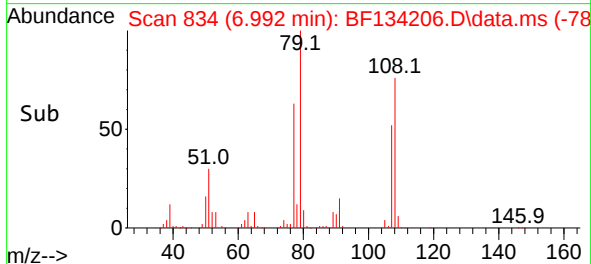
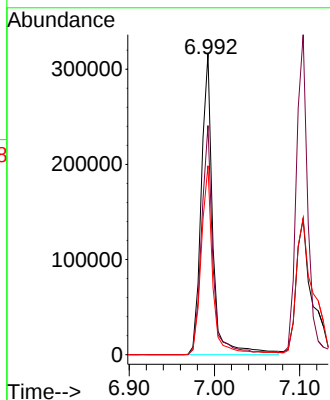
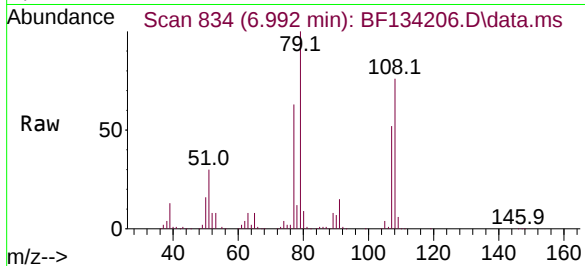




#15
Benzyl Alcohol
Concen: 42.170 ng
RT: 6.992 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF134206.D
Acq: 11 Jul 2023 10:44

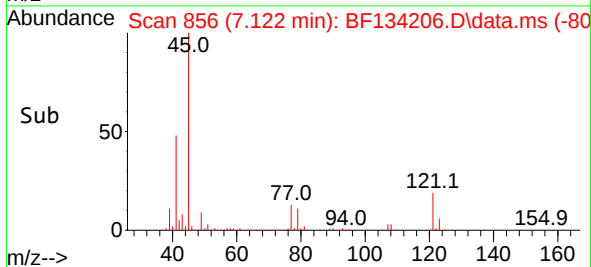
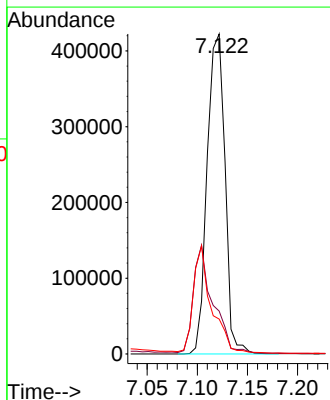
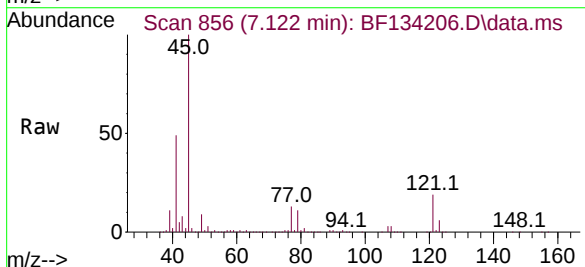
Instrument :
BNA_F
ClientSampleId :

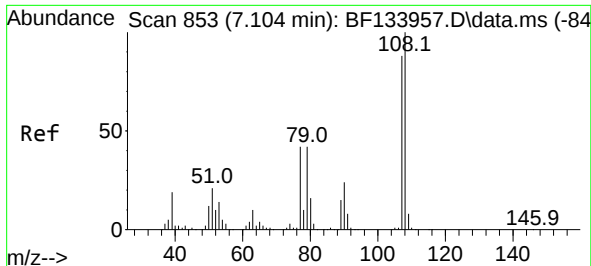
Tgt Ion: 79 Resp: 297338
Ion Ratio Lower Upper
79 100
108 76.2 60.7 91.1
77 62.9 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.862 ng
RT: 7.122 min Scan# 856
Delta R.T. -0.000 min
Lab File: BF134206.D
Acq: 11 Jul 2023 10:44

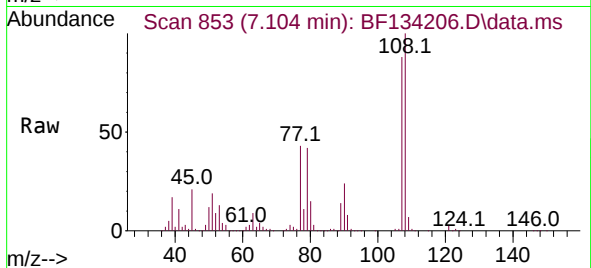
Tgt Ion: 45 Resp: 524346
Ion Ratio Lower Upper
45 100
77 13.4 0.0 32.9
79 10.9 0.0 29.5



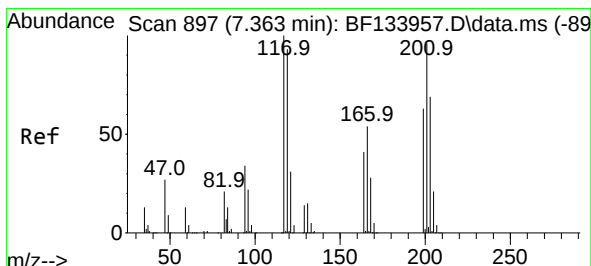
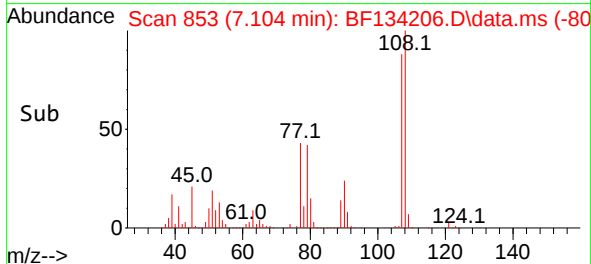
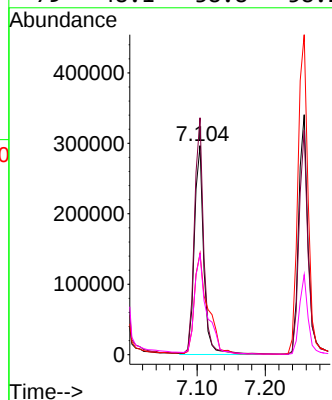


#17
2-Methylphenol
Concen: 42.033 ng
RT: 7.104 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF134206.D
Acq: 11 Jul 2023 10:44

Instrument :
BNA_F
ClientSampleId :

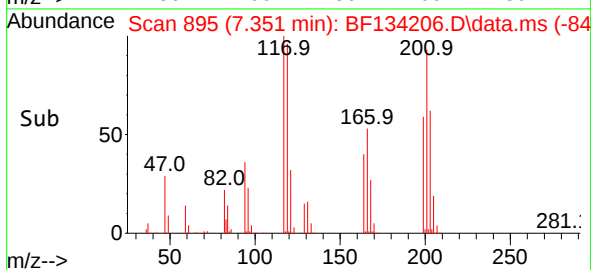
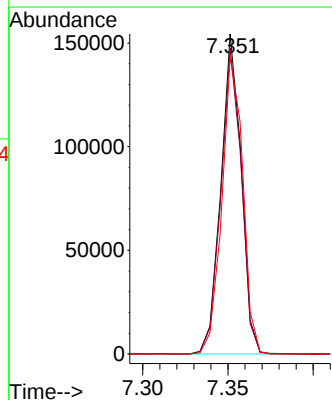
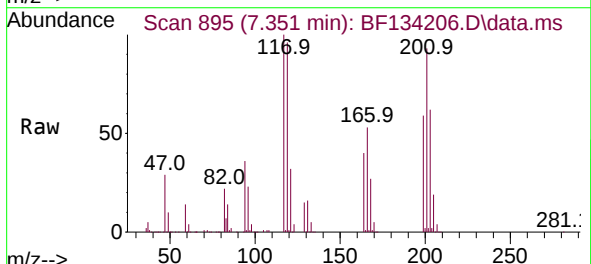


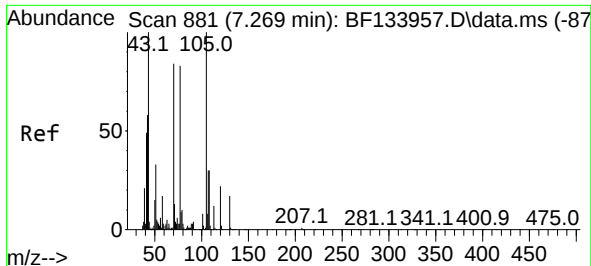
Tgt Ion:107 Resp: 284171
Ion Ratio Lower Upper
107 100
108 113.3 90.6 136.0
77 48.4 38.3 57.5
79 48.1 38.8 58.2



#18
Hexachloroethane
Concen: 42.415 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.000 min
Lab File: BF134206.D
Acq: 11 Jul 2023 10:44

Tgt Ion:117 Resp: 127856
Ion Ratio Lower Upper
117 100
119 95.7 74.2 111.4
201 92.8 77.2 115.8





#19

n-Nitroso-di-n-propylamine

Concen: 40.494 ng

RT: 7.263 min Scan# 81

Delta R.T. 0.006 min

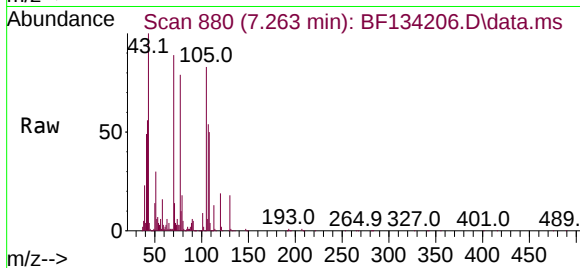
Lab File: BF134206.D

Acq: 11 Jul 2023 10:44

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 70 Resp: 234878

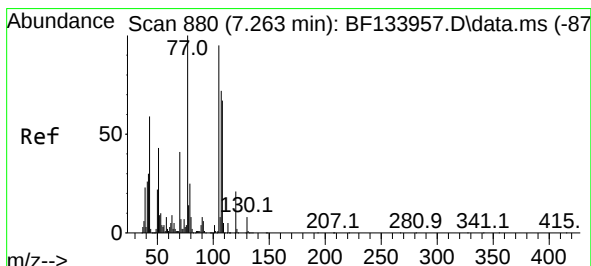
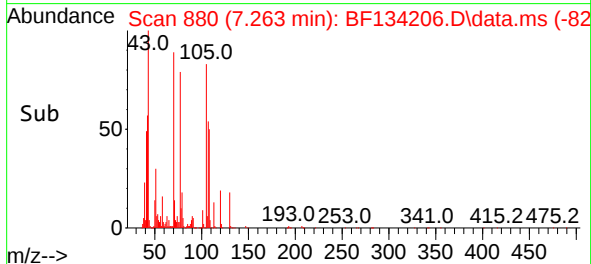
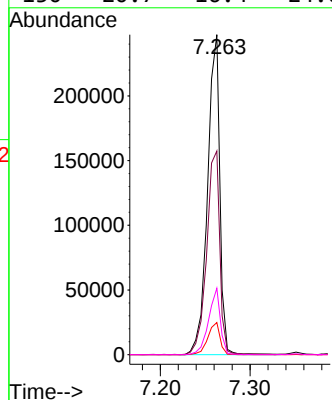
Ion Ratio Lower Upper

70 100

42 63.6 54.7 82.1

101 10.1 7.7 11.5

130 20.7 16.4 24.6



#20

3+4-Methylphenols

Concen: 40.038 ng

RT: 7.257 min Scan# 879

Delta R.T. 0.006 min

Lab File: BF134206.D

Acq: 11 Jul 2023 10:44

Tgt Ion: 107 Resp: 328383

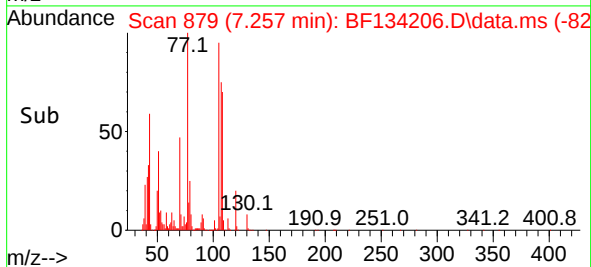
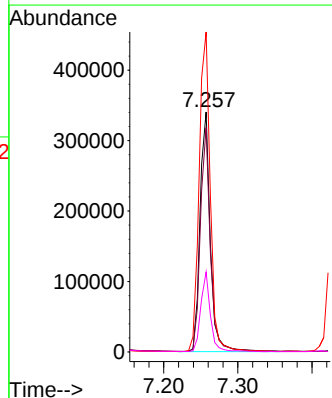
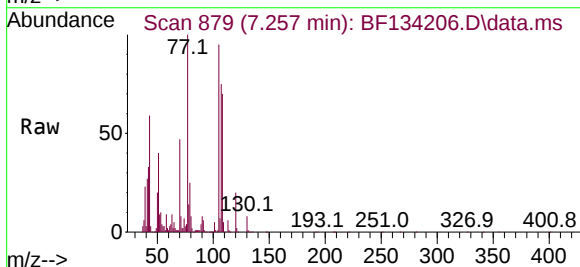
Ion Ratio Lower Upper

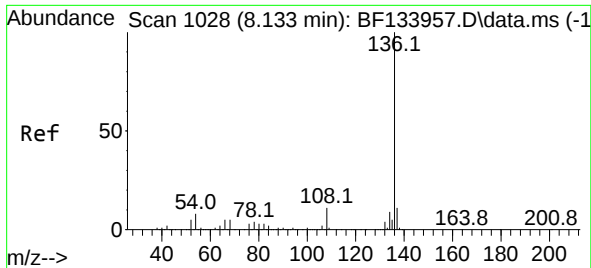
107 100

108 93.5 73.2 113.2

77 133.3 118.3 158.3

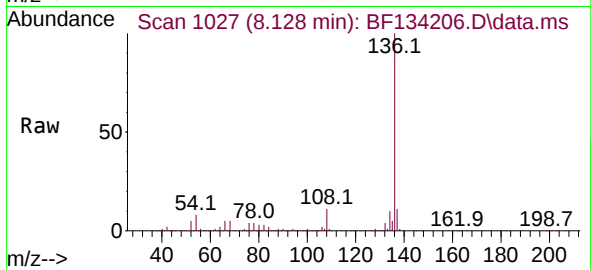
79 33.3 14.7 54.7



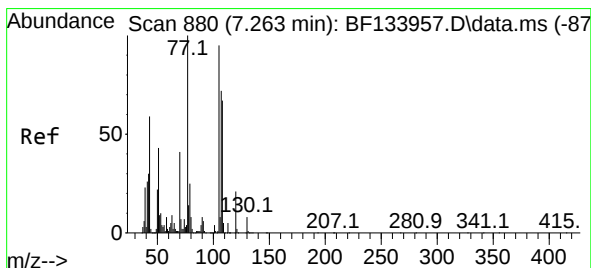
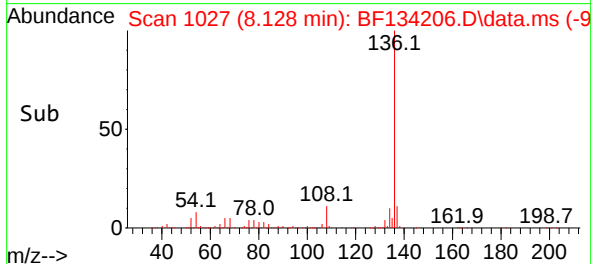
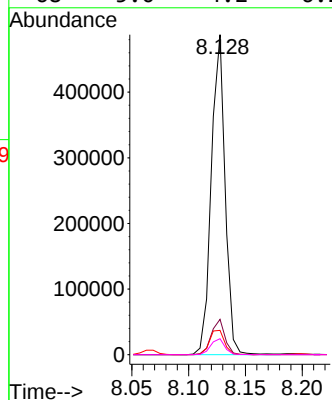


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF134206.D
Acq: 11 Jul 2023 10:44

Instrument :
BNA_F
ClientSampleId :

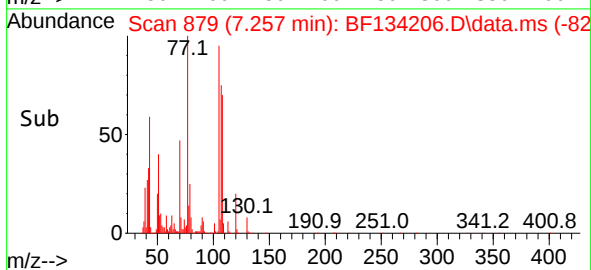
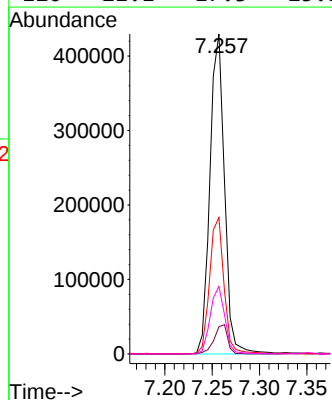
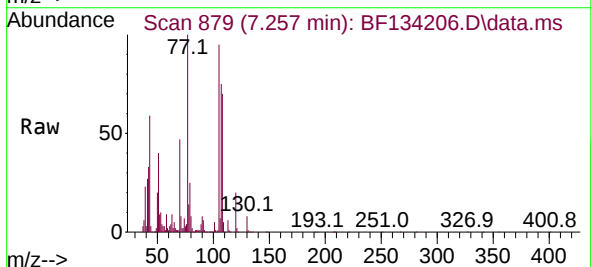


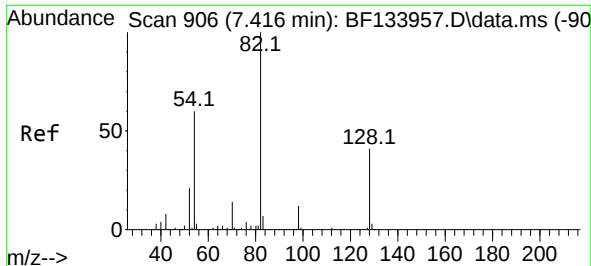
Tgt Ion:136 Resp: 411143
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 7.6 6.5 9.7
68 5.0 4.2 6.2



#22
Acetophenone
Concen: 49.199 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.000 min
Lab File: BF134206.D
Acq: 11 Jul 2023 10:44

Tgt Ion:105 Resp: 460031
Ion Ratio Lower Upper
105 100
71 8.5 5.5 8.3#
51 42.7 36.5 54.7
120 21.1 17.3 25.9





#23

Nitrobenzene-d5

Concen: 87.926 ng

RT: 7.410 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF134206.D

Acq: 11 Jul 2023 10:44

Instrument :

BNA_F

ClientSampleId :

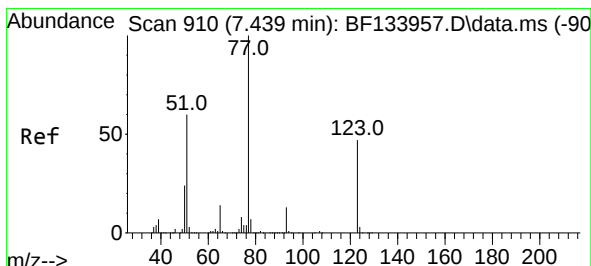
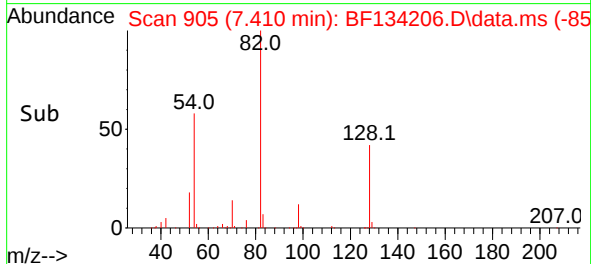
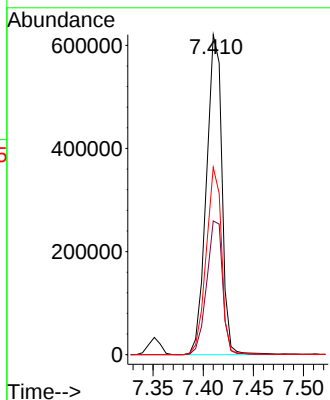
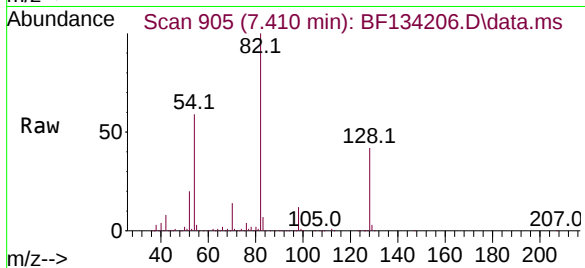
Tgt Ion: 82 Resp: 670625

Ion Ratio Lower Upper

82 100

128 41.8 32.5 48.7

54 58.6 48.2 72.2



#24

Nitrobenzene

Concen: 47.440 ng

RT: 7.434 min Scan# 909

Delta R.T. 0.006 min

Lab File: BF134206.D

Acq: 11 Jul 2023 10:44

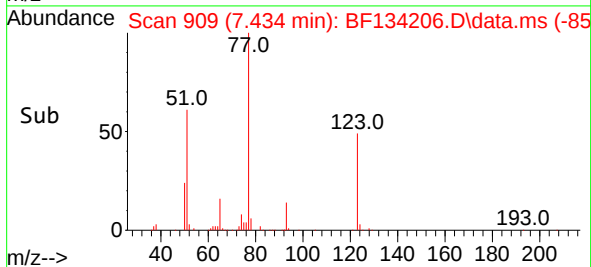
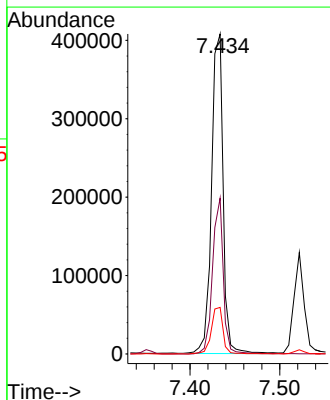
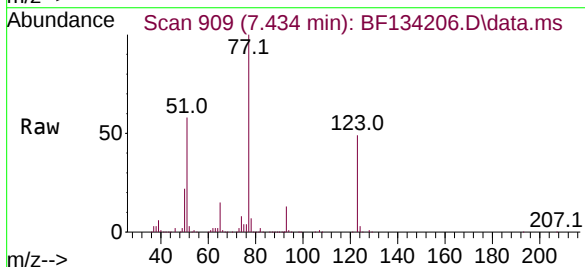
Tgt Ion: 77 Resp: 365640

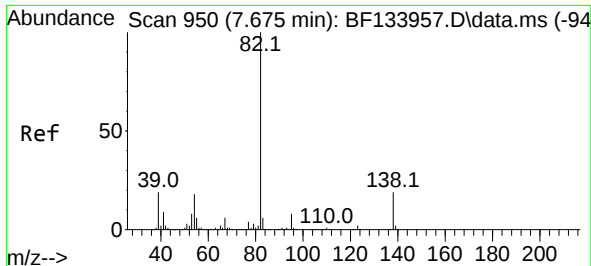
Ion Ratio Lower Upper

77 100

123 48.7 37.8 56.6

65 14.6 11.3 16.9

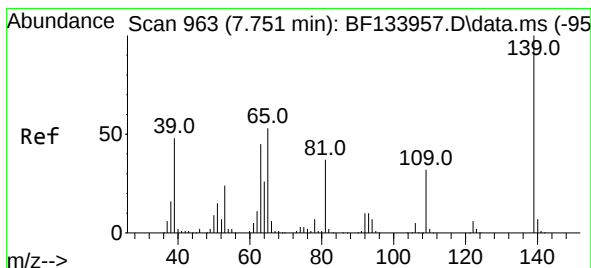
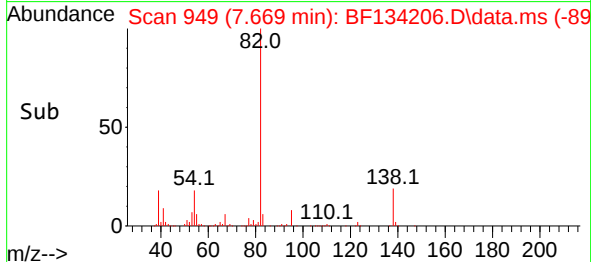
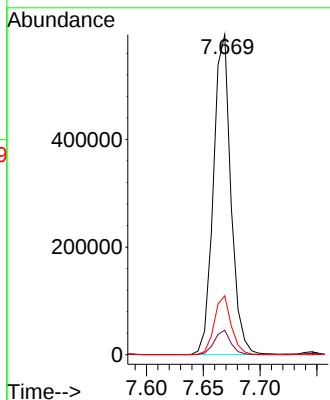
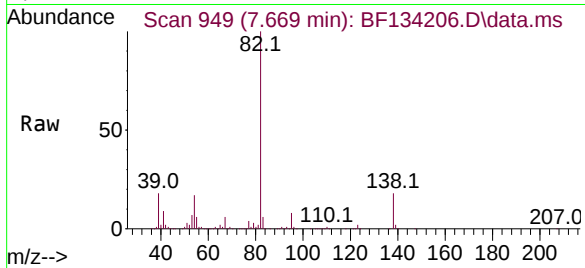




#25
Isophorone
Concen: 45.973 ng
RT: 7.669 min Scan# 94
Delta R.T. 0.006 min
Lab File: BF134206.D
Acq: 11 Jul 2023 10:44

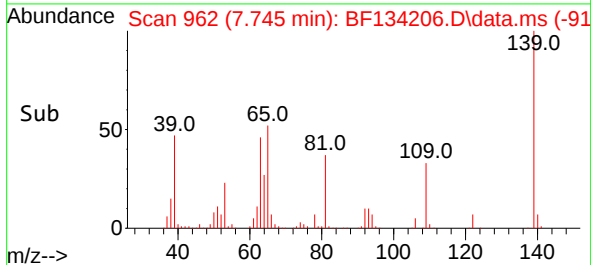
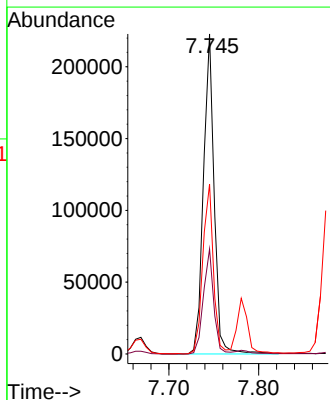
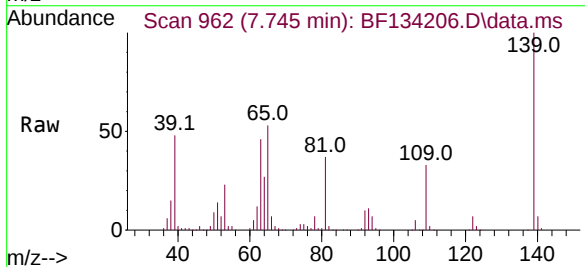
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 637261
Ion Ratio Lower Upper
82 100
95 7.6 6.1 9.1
138 18.4 15.2 22.8



#26
2-Nitrophenol
Concen: 50.144 ng
RT: 7.745 min Scan# 962
Delta R.T. -0.000 min
Lab File: BF134206.D
Acq: 11 Jul 2023 10:44

Tgt Ion:139 Resp: 185402
Ion Ratio Lower Upper
139 100
109 32.8 25.8 38.8
65 53.1 42.4 63.6

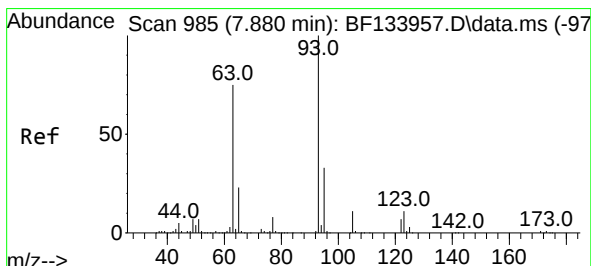
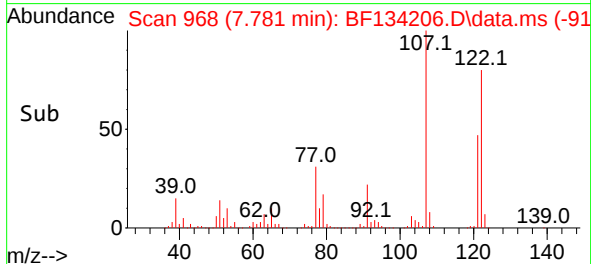
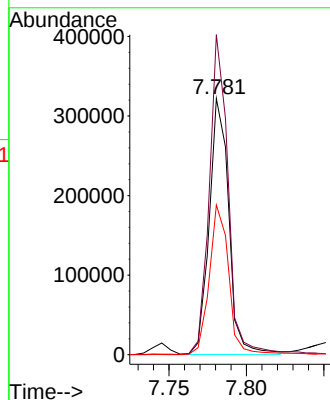
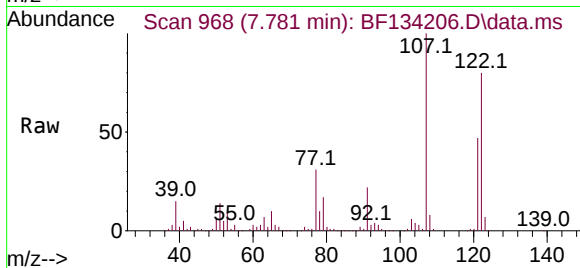




#27
2,4-Dimethylphenol
Concen: 48.148 ng
RT: 7.781 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF134206.D
Acq: 11 Jul 2023 10:44

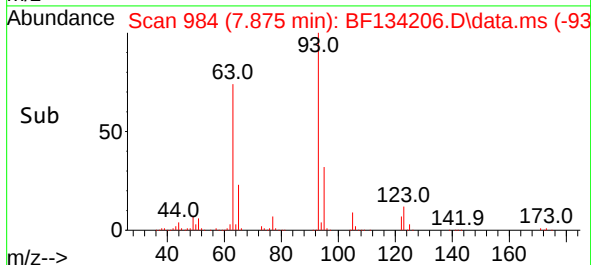
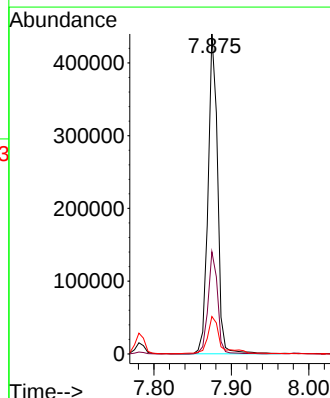
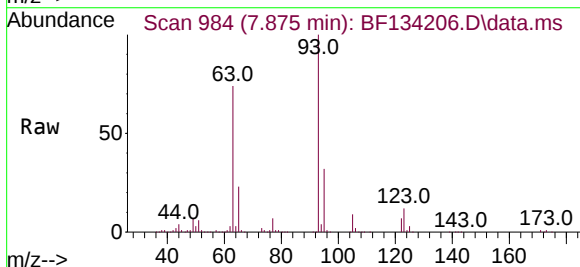
Instrument :
BNA_F
ClientSampleId :

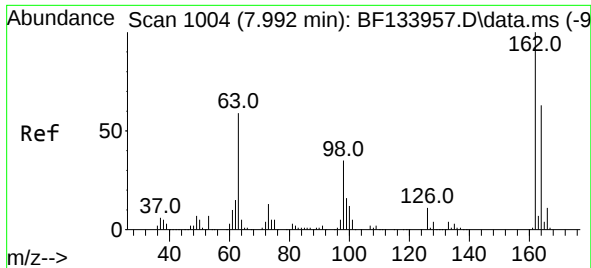
Tgt Ion:122 Resp: 281795
Ion Ratio Lower Upper
122 100
107 125.0 95.5 143.3
121 58.5 45.5 68.3



#28
bis(2-Chloroethoxy)methane
Concen: 46.809 ng
RT: 7.875 min Scan# 984
Delta R.T. -0.000 min
Lab File: BF134206.D
Acq: 11 Jul 2023 10:44

Tgt Ion: 93 Resp: 375704
Ion Ratio Lower Upper
93 100
95 32.0 26.5 39.7
123 11.7 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 49.007 ng

RT: 7.986 min Scan# 1003

Delta R.T. -0.000 min

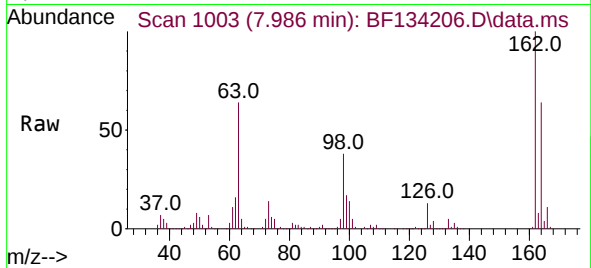
Lab File: BF134206.D

Acq: 11 Jul 2023 10:44

Instrument :

BNA_F

ClientSampleId :



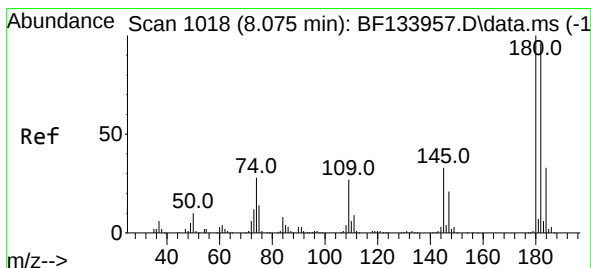
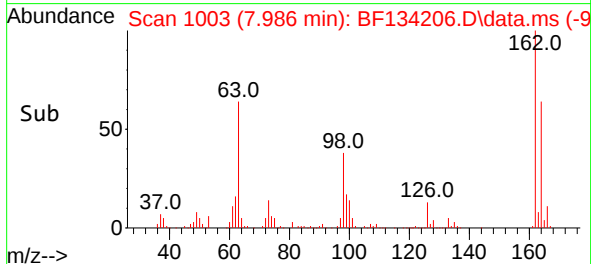
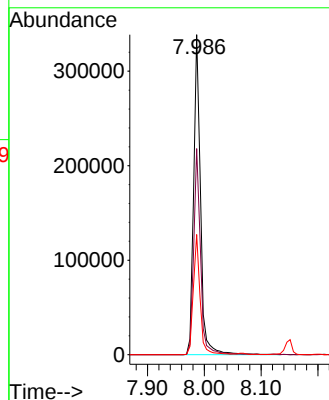
Tgt Ion:162 Resp: 284417

Ion Ratio Lower Upper

162 100

164 64.4 43.2 83.2

98 37.5 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 48.447 ng

RT: 8.069 min Scan# 1017

Delta R.T. -0.000 min

Lab File: BF134206.D

Acq: 11 Jul 2023 10:44

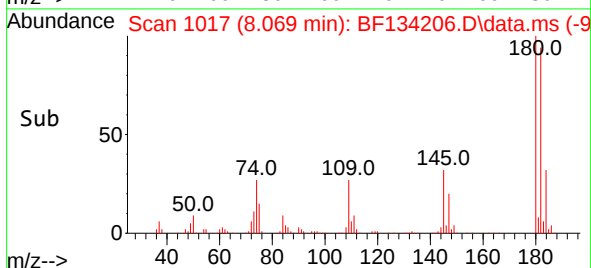
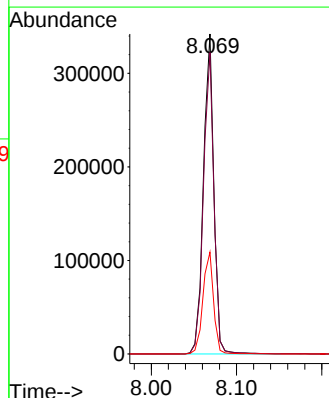
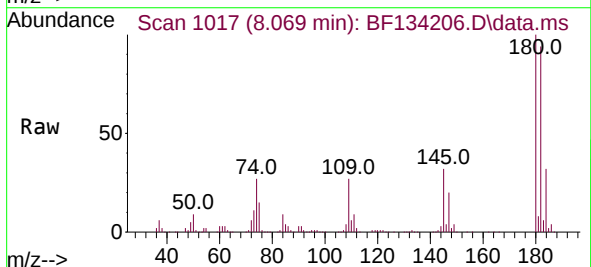
Tgt Ion:180 Resp: 290117

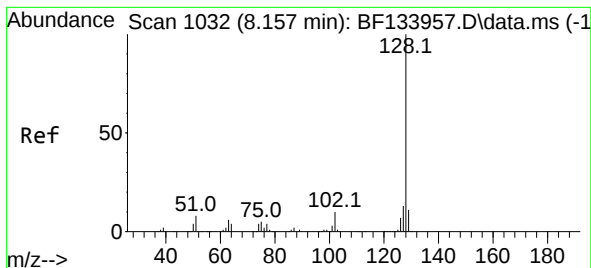
Ion Ratio Lower Upper

180 100

182 94.2 77.1 115.7

145 31.8 26.0 39.0





#31

Naphthalene

Concen: 41.386 ng

RT: 8.151 min Scan# 1032

Delta R.T. -0.000 min

Lab File: BF134206.D

Acq: 11 Jul 2023 10:44

Instrument :

BNA_F

ClientSampleId :

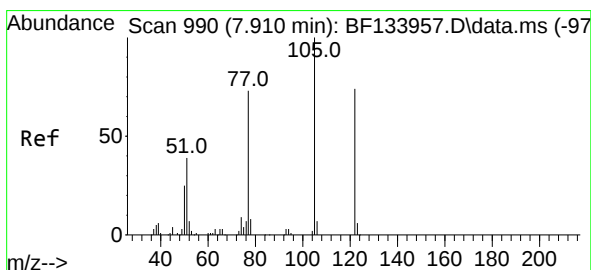
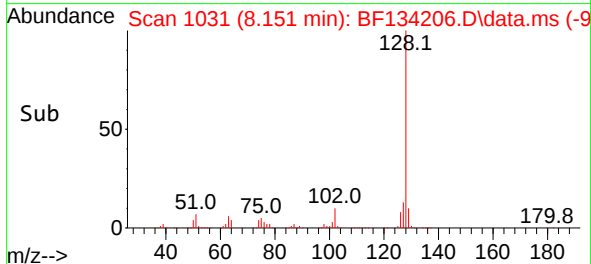
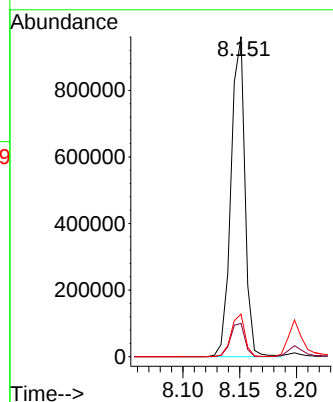
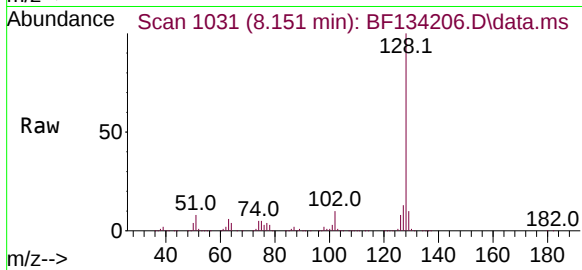
Tgt Ion:128 Resp: 821896

Ion Ratio Lower Upper

128 100

129 10.4 8.7 13.1

127 13.3 10.6 15.8



#32

Benzoic acid

Concen: 48.313 ng

RT: 7.910 min Scan# 990

Delta R.T. 0.018 min

Lab File: BF134206.D

Acq: 11 Jul 2023 10:44

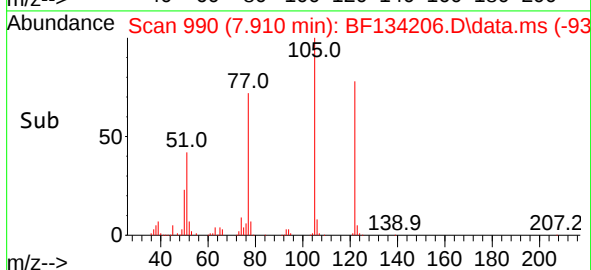
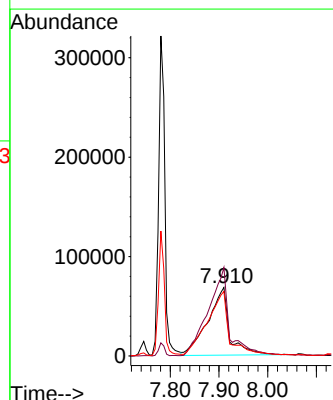
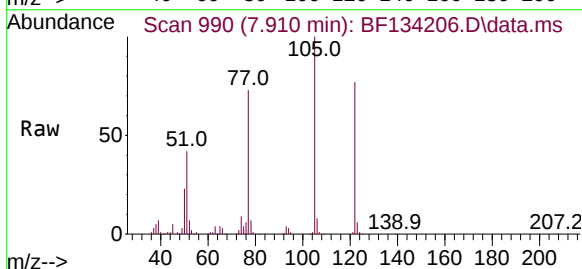
Tgt Ion:122 Resp: 211881

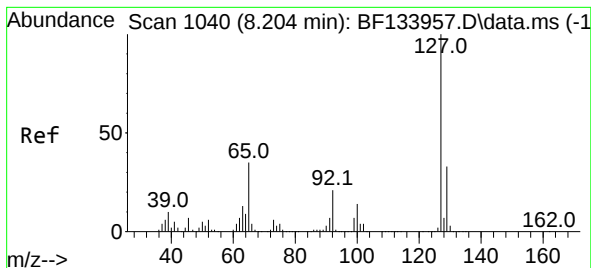
Ion Ratio Lower Upper

122 100

105 129.2 109.7 149.7

77 94.1 76.0 116.0





#33

4-Chloroaniline

Concen: 12.306 ng

RT: 8.198 min Scan# 1039

Delta R.T. -0.000 min

Lab File: BF134206.D

Acq: 11 Jul 2023 10:44

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:127 Resp: 104540

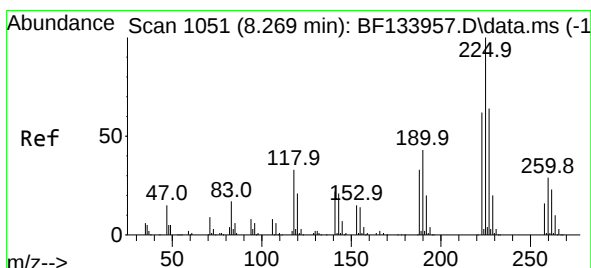
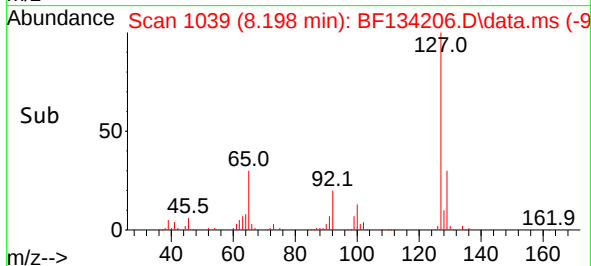
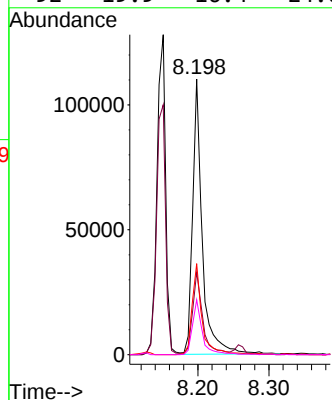
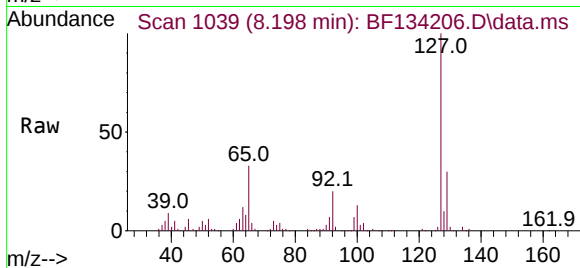
Ion Ratio Lower Upper

127 100

129 29.9 26.4 39.6

65 33.0 27.8 41.8

92 19.9 16.4 24.6



#34

Hexachlorobutadiene

Concen: 43.587 ng

RT: 8.263 min Scan# 1050

Delta R.T. -0.000 min

Lab File: BF134206.D

Acq: 11 Jul 2023 10:44

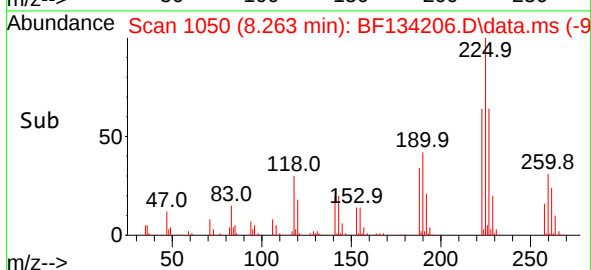
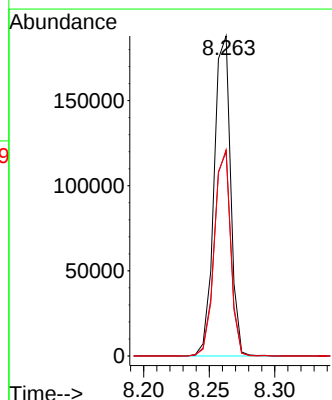
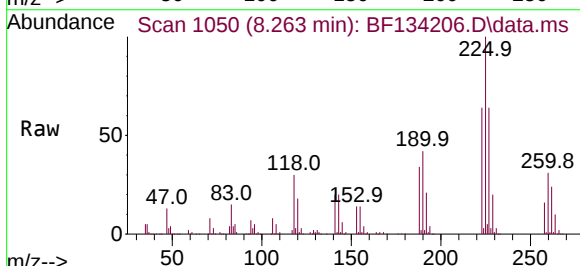
Tgt Ion:225 Resp: 164648

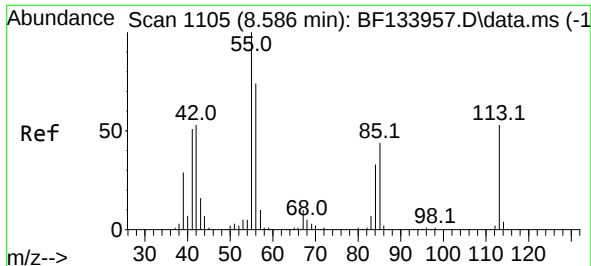
Ion Ratio Lower Upper

225 100

223 63.8 49.8 74.8

227 64.5 51.0 76.4

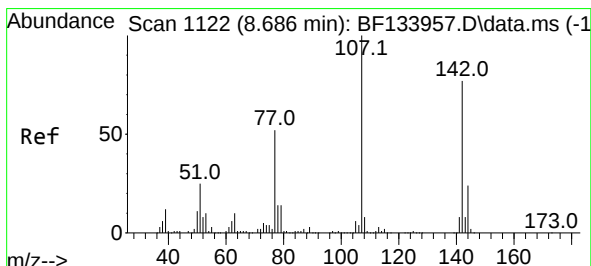
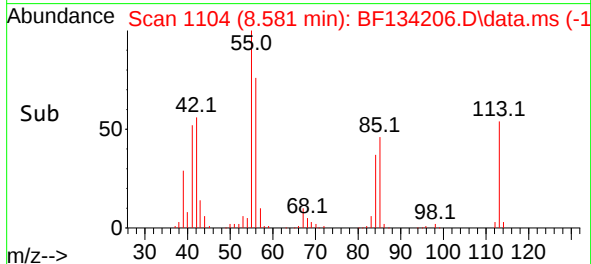
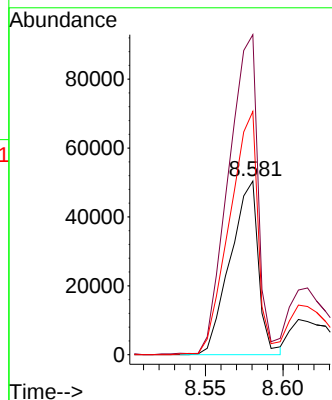
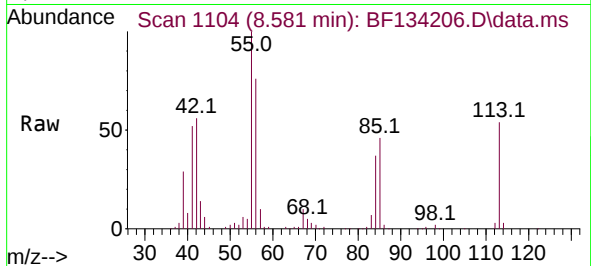




#35
 Caprolactam
 Concen: 33.398 ng
 RT: 8.581 min Scan# 1105
 Delta R.T. 0.006 min
 Lab File: BF134206.D
 Acq: 11 Jul 2023 10:44

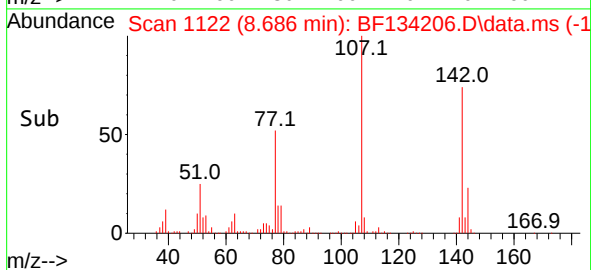
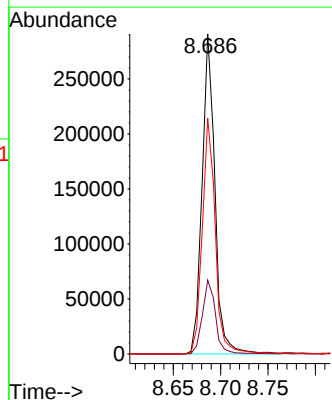
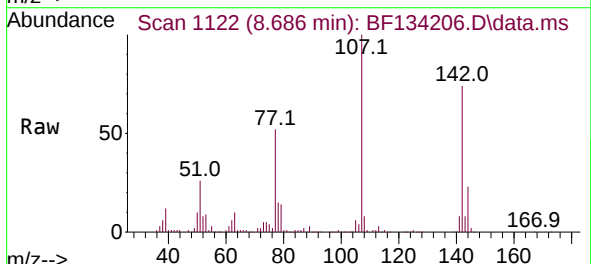
Instrument :
 BNA_F
 ClientSampleId :

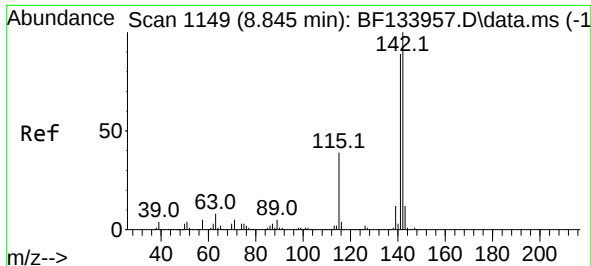
Tgt Ion:113 Resp: 63821
 Ion Ratio Lower Upper
 113 100
 55 184.3 170.2 210.2
 56 140.0 121.4 161.4



#36
 4-Chloro-3-methylphenol
 Concen: 42.235 ng
 RT: 8.686 min Scan# 1122
 Delta R.T. 0.006 min
 Lab File: BF134206.D
 Acq: 11 Jul 2023 10:44

Tgt Ion:107 Resp: 275360
 Ion Ratio Lower Upper
 107 100
 144 23.1 19.6 29.4
 142 73.7 61.4 92.2





#37

2-Methylnaphthalene

Concen: 39.592 ng

RT: 8.839 min Scan# 1148

Delta R.T. -0.000 min

Lab File: BF134206.D

Acq: 11 Jul 2023 10:44

Instrument :

BNA_F

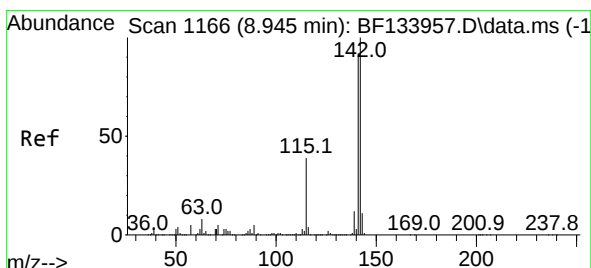
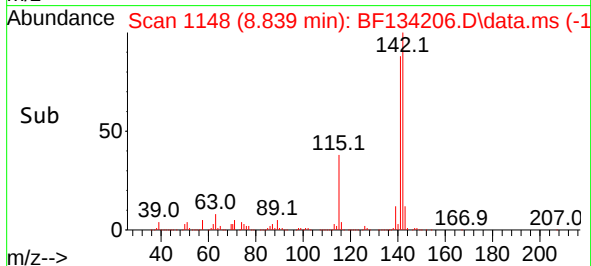
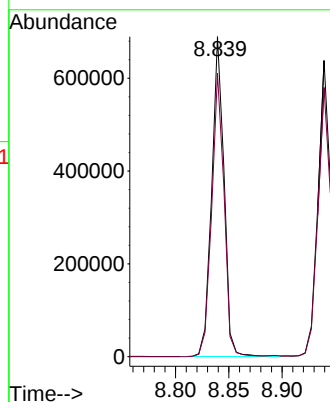
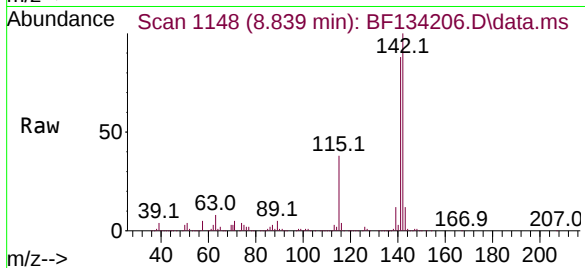
ClientSampleId :

Tgt Ion:142 Resp: 556025

Ion Ratio Lower Upper

142 100

141 88.5 71.0 106.4



#38

1-Methylnaphthalene

Concen: 39.522 ng

RT: 8.939 min Scan# 1165

Delta R.T. -0.000 min

Lab File: BF134206.D

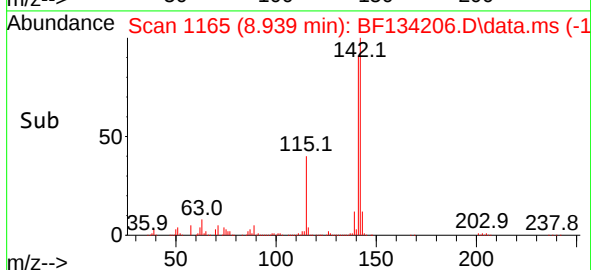
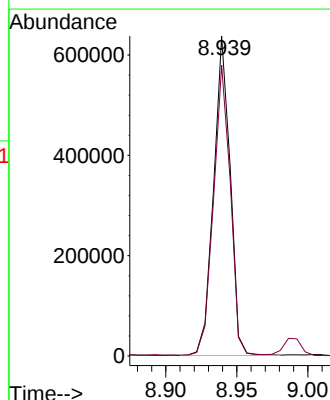
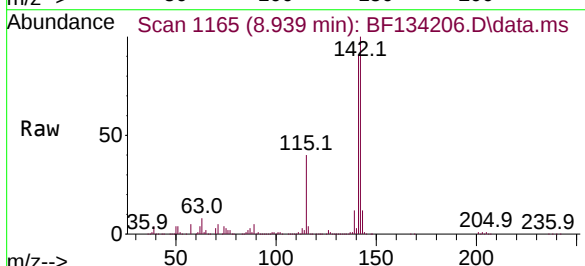
Acq: 11 Jul 2023 10:44

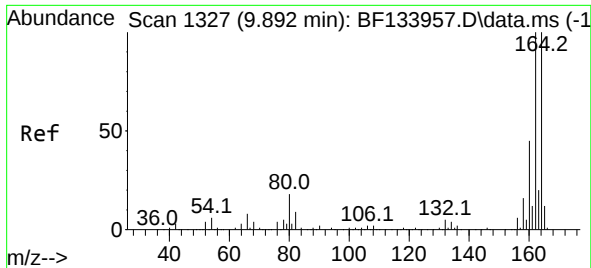
Tgt Ion:142 Resp: 515993

Ion Ratio Lower Upper

142 100

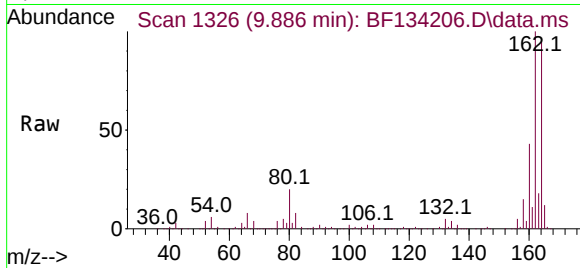
141 90.9 73.5 110.3



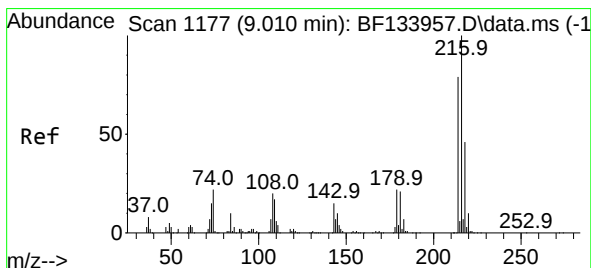
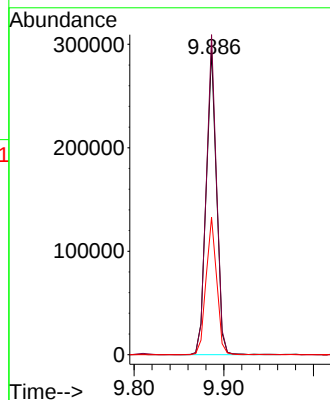
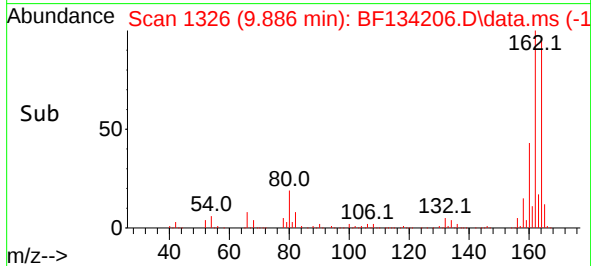


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134206.D
Acq: 11 Jul 2023 10:44

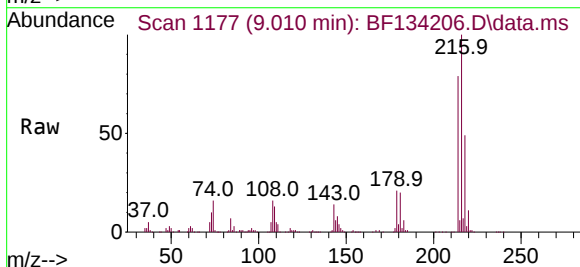
Instrument :
BNA_F
ClientSampleId :



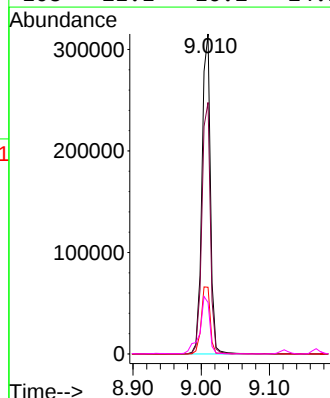
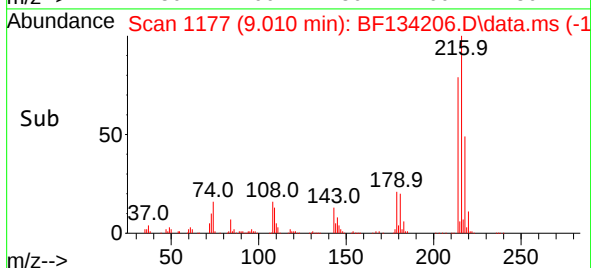
Tgt Ion:164 Resp: 236788
Ion Ratio Lower Upper
164 100
162 105.2 80.0 120.0
160 45.2 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.718 ng
RT: 9.010 min Scan# 1177
Delta R.T. 0.006 min
Lab File: BF134206.D
Acq: 11 Jul 2023 10:44



Tgt Ion:216 Resp: 271612
Ion Ratio Lower Upper
216 100
214 79.0 64.1 96.1
179 22.0 17.3 25.9
108 21.1 16.2 24.2

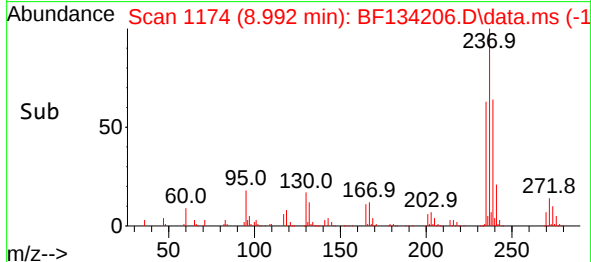
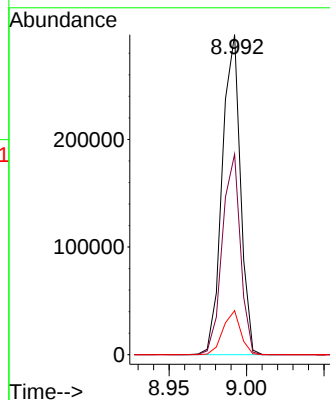
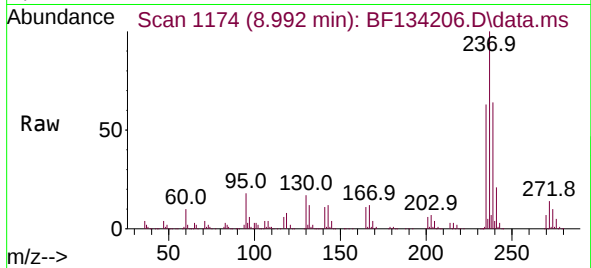




#41
Hexachlorocyclopentadiene
Concen: 73.223 ng
RT: 8.992 min Scan# 1174
Delta R.T. 0.006 min
Lab File: BF134206.D
Acq: 11 Jul 2023 10:44

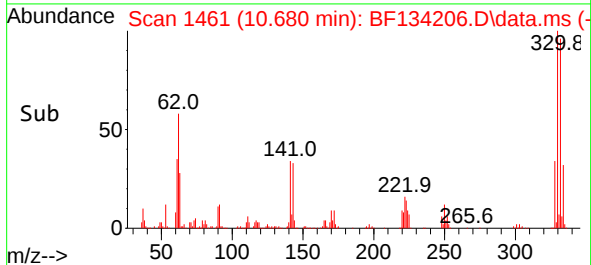
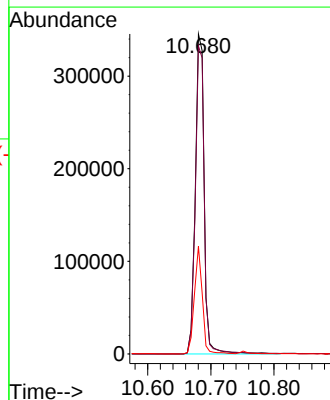
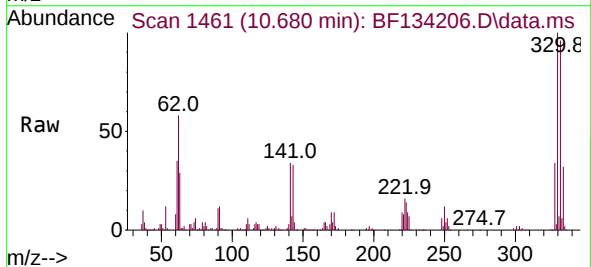
Instrument :
BNA_F
ClientSampleId :

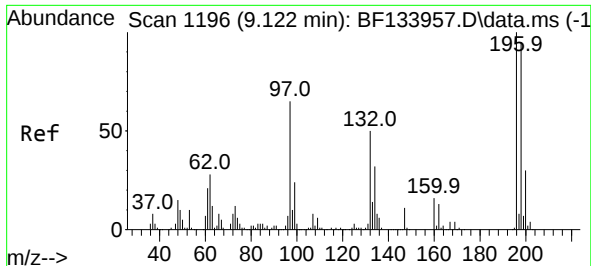
Tgt Ion:237 Resp: 243698
Ion Ratio Lower Upper
237 100
235 62.7 42.8 82.8
272 13.7 0.0 34.6



#42
2,4,6-Tribromophenol
Concen: 113.397 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF134206.D
Acq: 11 Jul 2023 10:44

Tgt Ion:330 Resp: 336659
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.6
141 30.4 26.3 39.5





#43

2,4,6-Trichlorophenol

Concen: 37.231 ng

RT: 9.122 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BF134206.D

Acq: 11 Jul 2023 10:44

Instrument :

BNA_F

ClientSampleId :

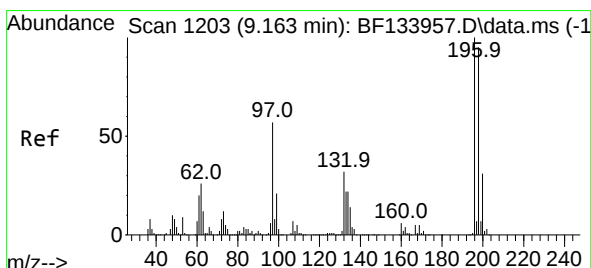
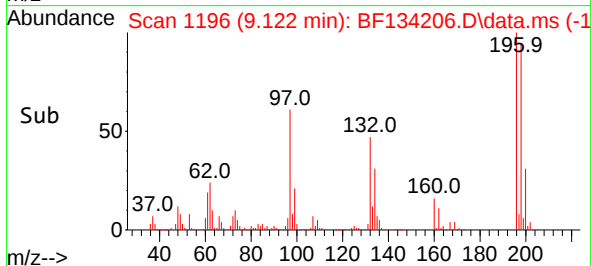
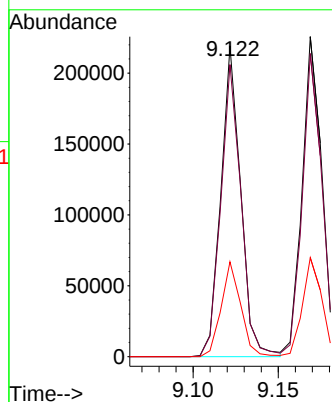
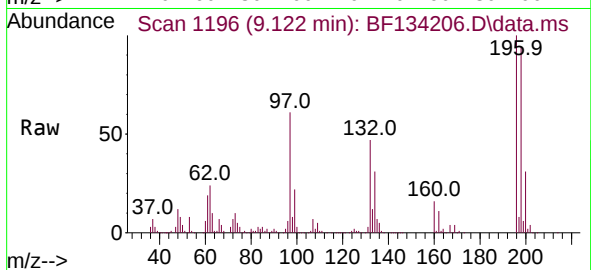
Tgt Ion:196 Resp: 177799

Ion Ratio Lower Upper

196 100

198 94.0 75.6 113.4

200 30.5 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 34.091 ng

RT: 9.169 min Scan# 1204

Delta R.T. 0.006 min

Lab File: BF134206.D

Acq: 11 Jul 2023 10:44

Tgt Ion:196 Resp: 191502

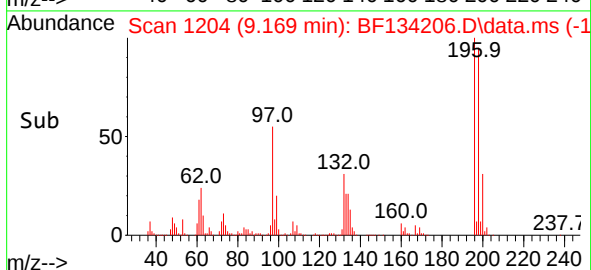
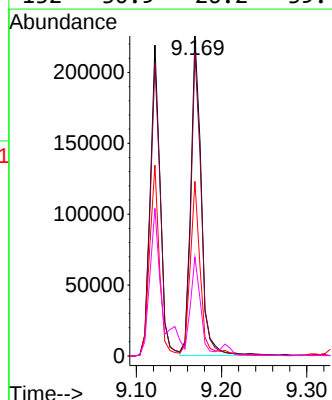
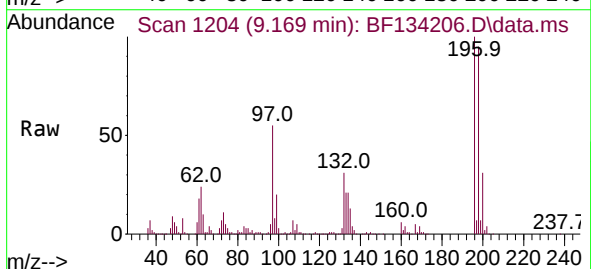
Ion Ratio Lower Upper

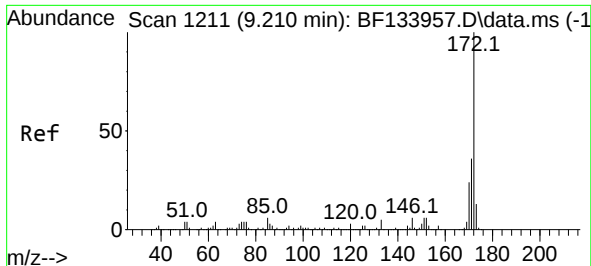
196 100

198 94.7 75.7 113.5

97 54.6 45.8 68.6

132 30.9 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 70.423 ng

RT: 9.204 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF134206.D

Acq: 11 Jul 2023 10:44

Instrument :

BNA_F

ClientSampleId :

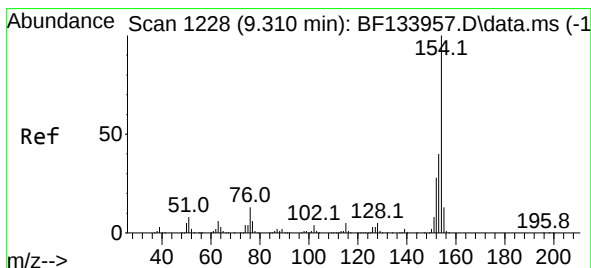
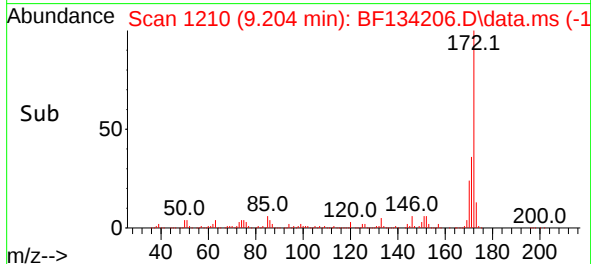
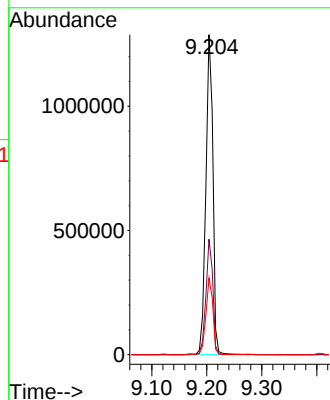
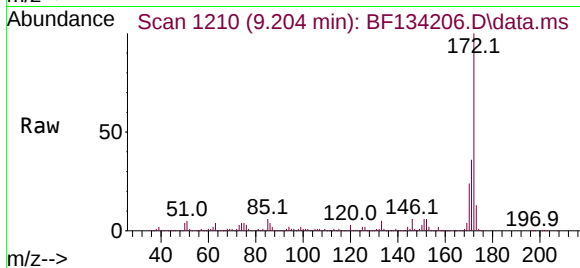
Tgt Ion:172 Resp: 1146950

Ion Ratio Lower Upper

172 100

171 36.1 28.6 43.0

170 23.9 19.4 29.0



#46

1,1'-Biphenyl

Concen: 41.293 ng

RT: 9.304 min Scan# 1227

Delta R.T. -0.000 min

Lab File: BF134206.D

Acq: 11 Jul 2023 10:44

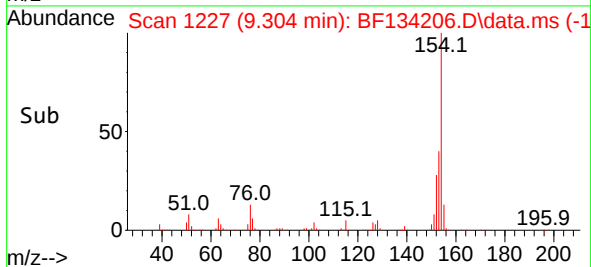
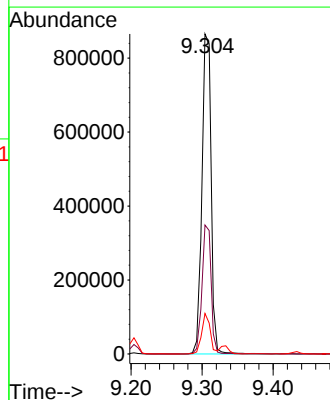
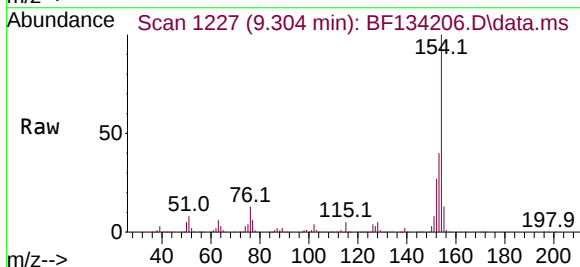
Tgt Ion:154 Resp: 784327

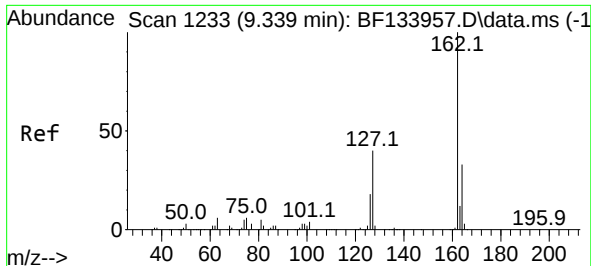
Ion Ratio Lower Upper

154 100

153 40.3 19.8 59.8

76 12.6 0.0 32.9

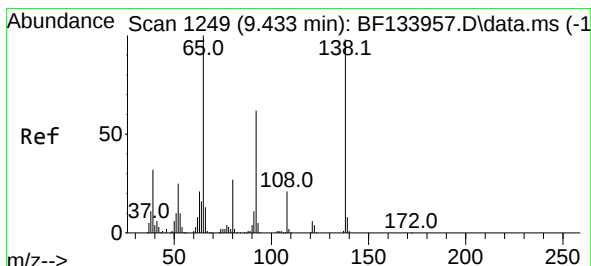
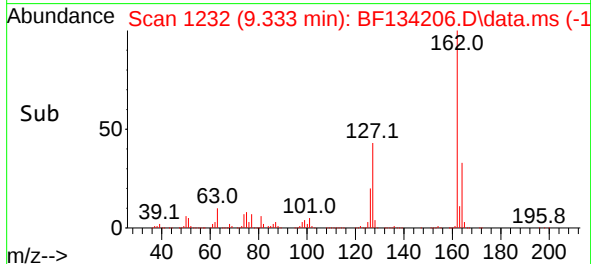
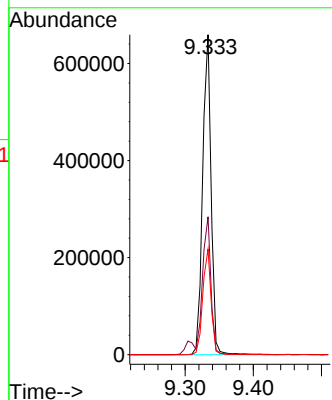
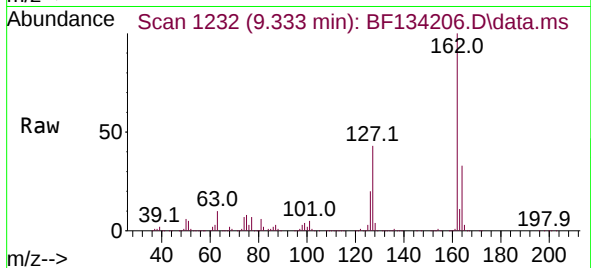




#47
2-Chloronaphthalene
Concen: 41.102 ng
RT: 9.333 min Scan# 1233
Delta R.T. -0.000 min
Lab File: BF134206.D
Acq: 11 Jul 2023 10:44

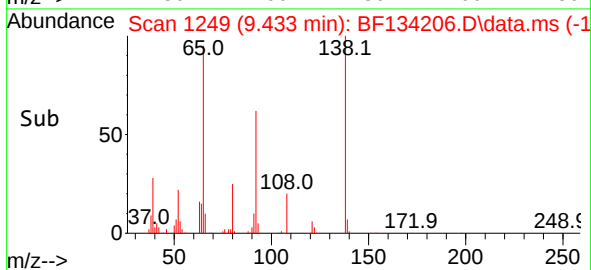
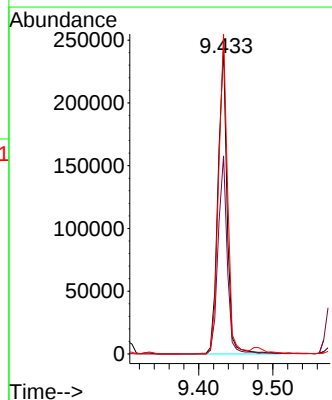
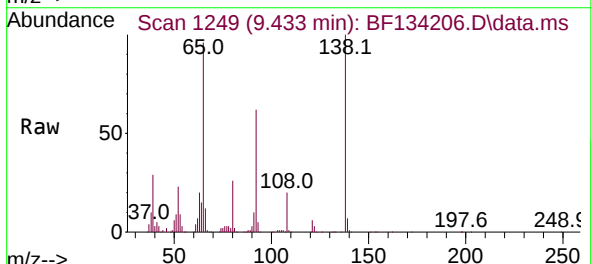
Instrument :
BNA_F
ClientSampleId :

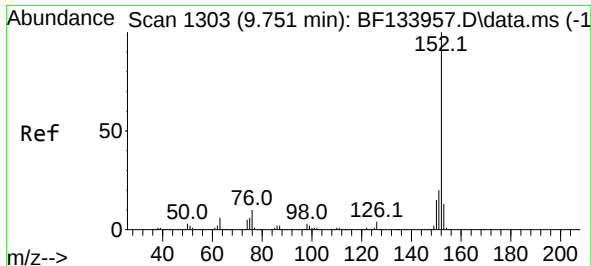
Tgt Ion:162 Resp: 571208
Ion Ratio Lower Upper
162 100
127 43.1 32.9 49.3
164 33.0 26.1 39.1



#48
2-Nitroaniline
Concen: 41.063 ng
RT: 9.433 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF134206.D
Acq: 11 Jul 2023 10:44

Tgt Ion: 65 Resp: 207980
Ion Ratio Lower Upper
65 100
92 64.7 49.5 74.3
138 104.5 78.0 117.0





#49

Acenaphthylene

Concen: 40.090 ng

RT: 9.751 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF134206.D

Acq: 11 Jul 2023 10:44

Instrument :

BNA_F

ClientSampleId :

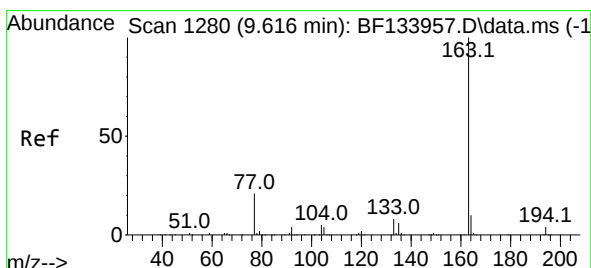
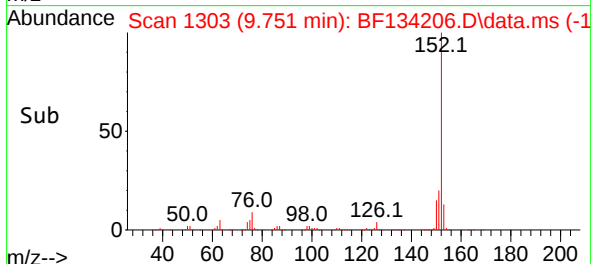
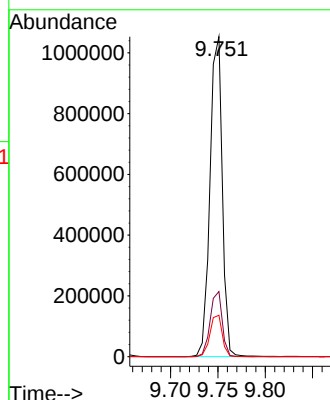
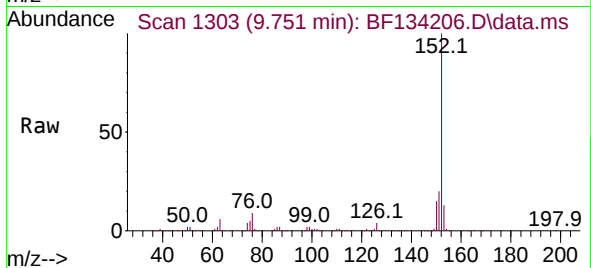
Tgt Ion:152 Resp: 951741

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

153 12.9 10.8 16.2



#50

Dimethylphthalate

Concen: 40.201 ng

RT: 9.610 min Scan# 1279

Delta R.T. -0.000 min

Lab File: BF134206.D

Acq: 11 Jul 2023 10:44

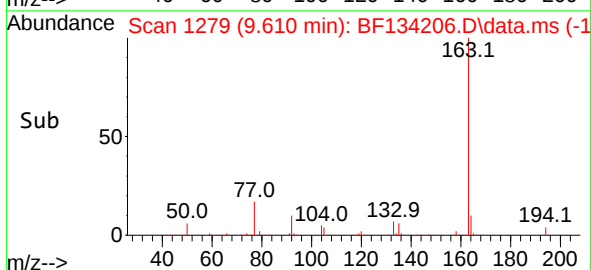
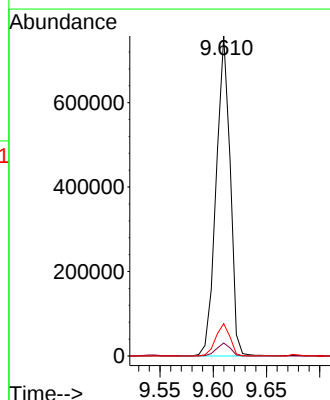
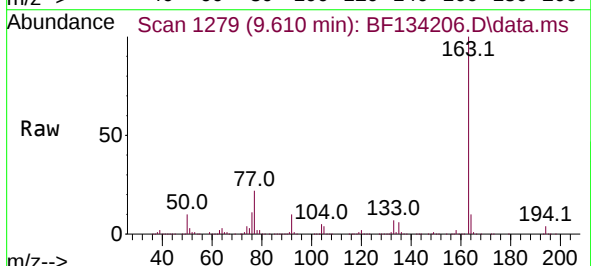
Tgt Ion:163 Resp: 690995

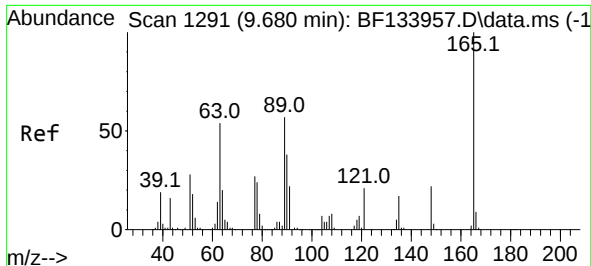
Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

164 10.1 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 42.825 ng

RT: 9.675 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF134206.D

Acq: 11 Jul 2023 10:44

Instrument :

BNA_F

ClientSampleId :

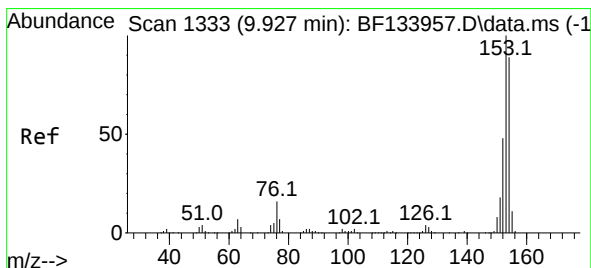
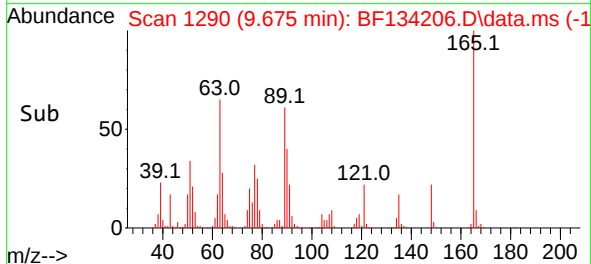
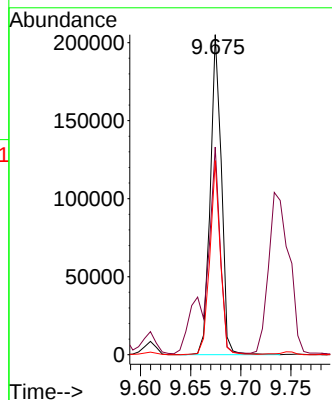
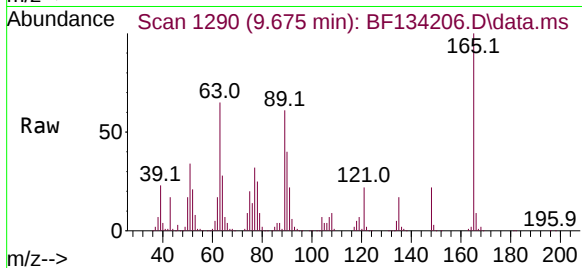
Tgt Ion:165 Resp: 158542

Ion Ratio Lower Upper

165 100

63 64.9 48.5 72.7

89 60.6 45.5 68.3



#52

Acenaphthene

Concen: 40.624 ng

RT: 9.922 min Scan# 1332

Delta R.T. -0.000 min

Lab File: BF134206.D

Acq: 11 Jul 2023 10:44

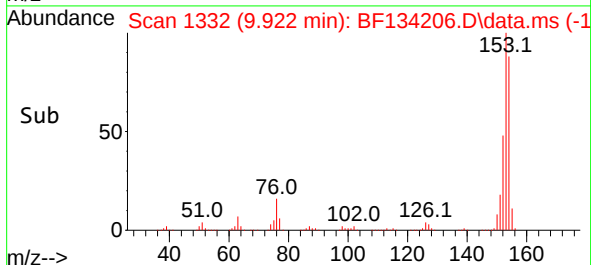
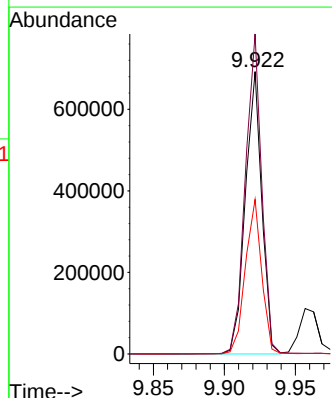
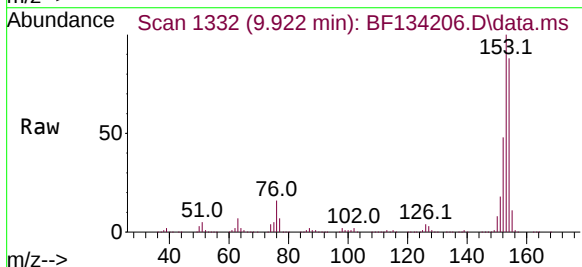
Tgt Ion:154 Resp: 559612

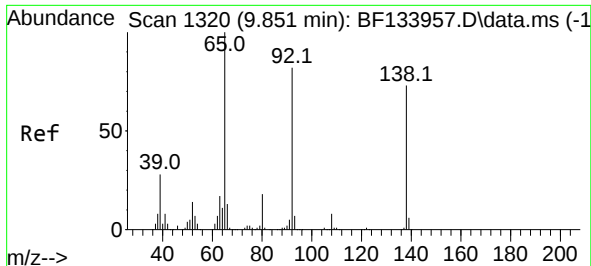
Ion Ratio Lower Upper

154 100

153 113.3 89.4 134.2

152 54.7 42.8 64.2





#53

3-Nitroaniline

Concen: 28.779 ng

RT: 9.845 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF134206.D

Acq: 11 Jul 2023 10:44

Instrument :

BNA_F

ClientSampleId :

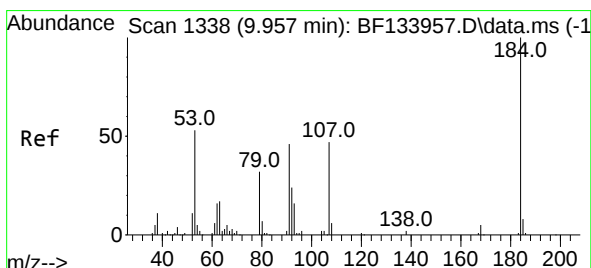
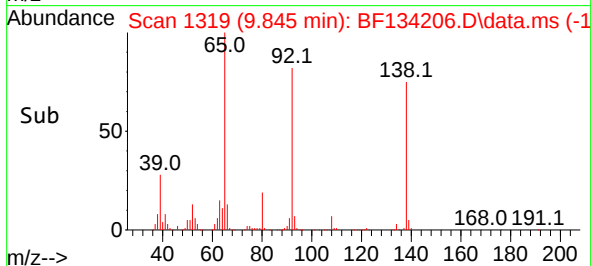
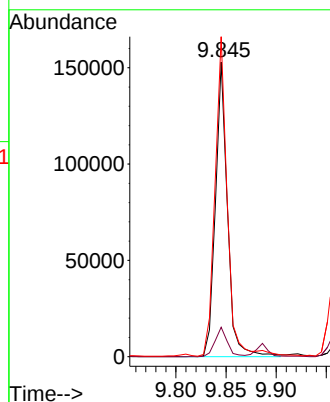
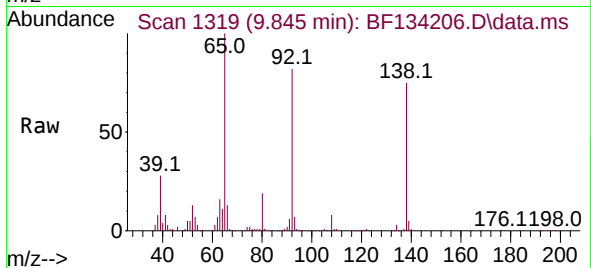
Tgt Ion:138 Resp: 127818

Ion Ratio Lower Upper

138 100

108 10.0 8.4 12.6

92 108.6 90.1 135.1



#54

2,4-Dinitrophenol

Concen: 77.128 ng

RT: 9.963 min Scan# 1339

Delta R.T. 0.006 min

Lab File: BF134206.D

Acq: 11 Jul 2023 10:44

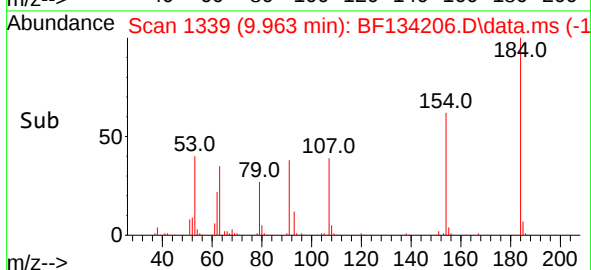
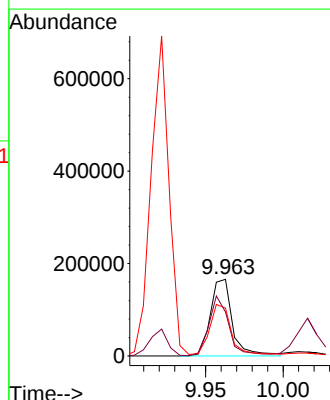
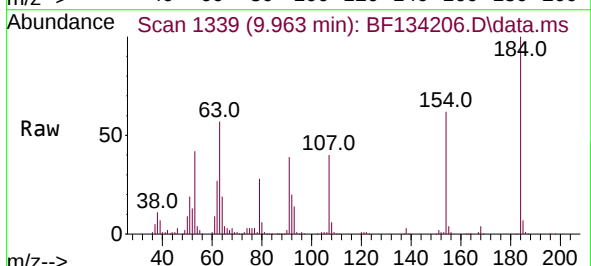
Tgt Ion:184 Resp: 164588

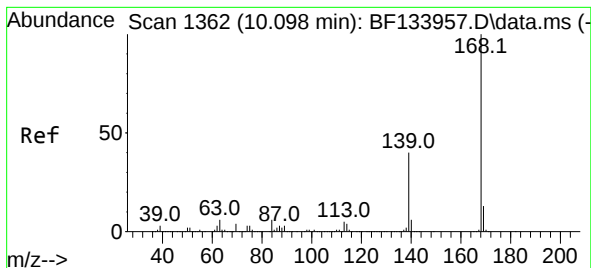
Ion Ratio Lower Upper

184 100

63 57.4 56.9 85.3

154 62.3 55.4 83.0

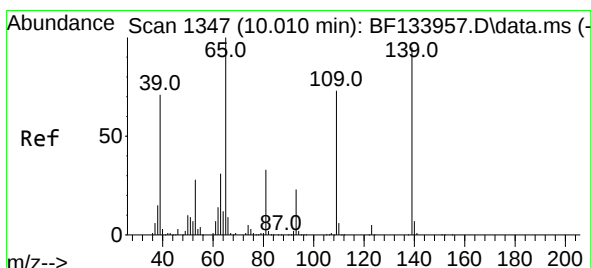
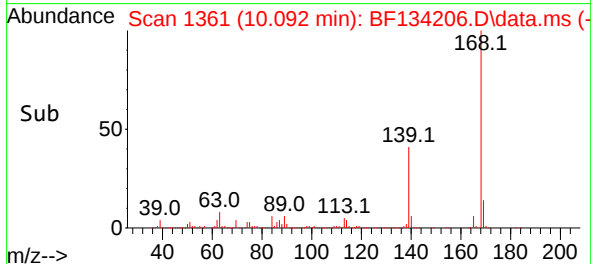
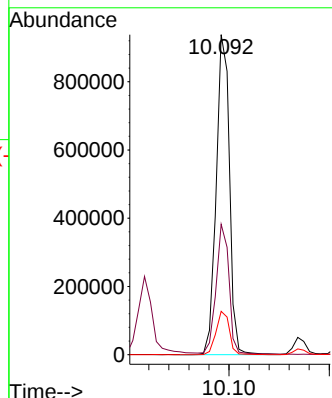
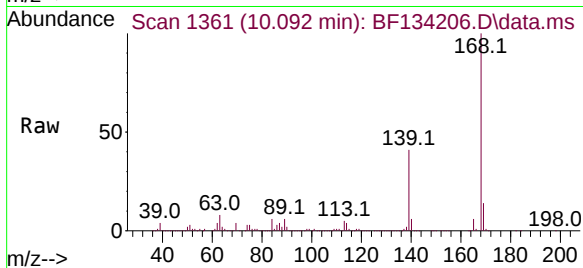




#55
Dibenzenofuran
Concen: 39.960 ng
RT: 10.092 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF134206.D
Acq: 11 Jul 2023 10:44

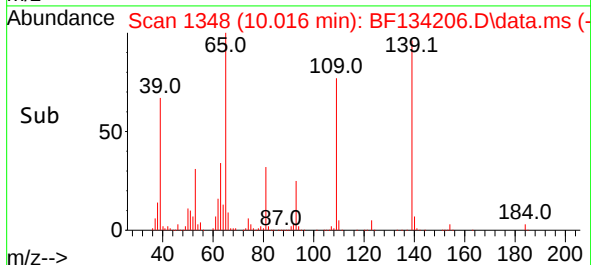
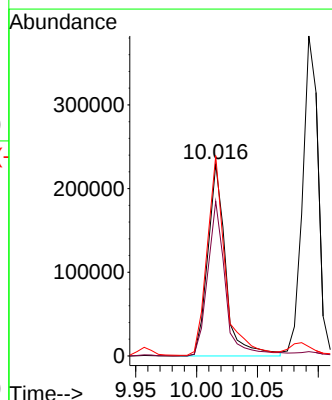
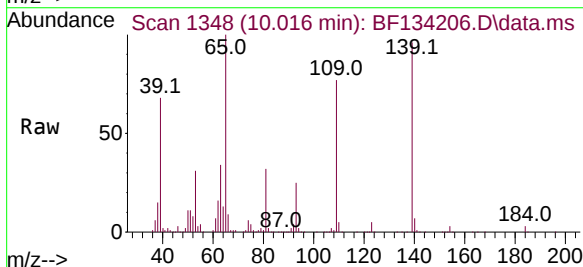
Instrument :
BNA_F
ClientSampleId :

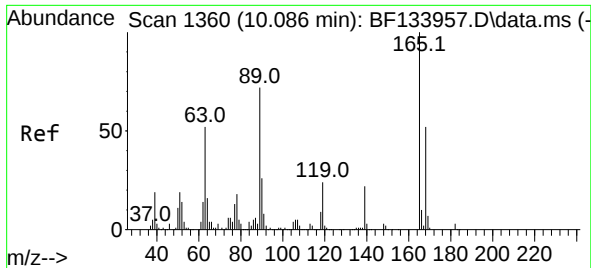
Tgt Ion:168 Resp: 860302
Ion Ratio Lower Upper
168 100
139 40.8 32.0 48.0
169 13.6 10.6 16.0



#56
4-Nitrophenol
Concen: 75.353 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF134206.D
Acq: 11 Jul 2023 10:44

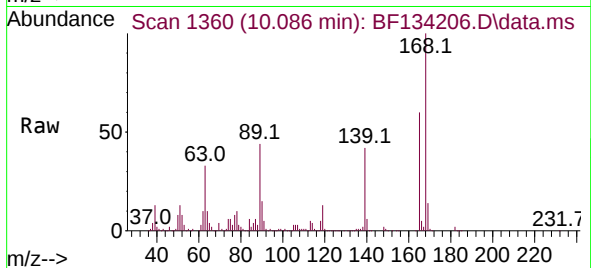
Tgt Ion:139 Resp: 234096
Ion Ratio Lower Upper
139 100
109 80.6 56.8 96.8
65 104.4 86.1 126.1



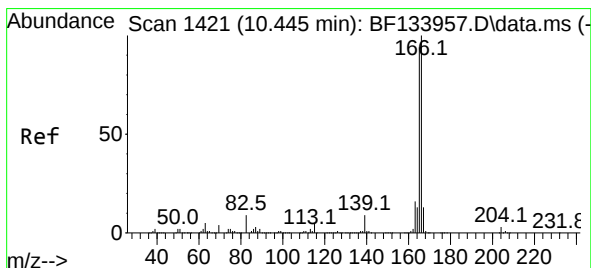
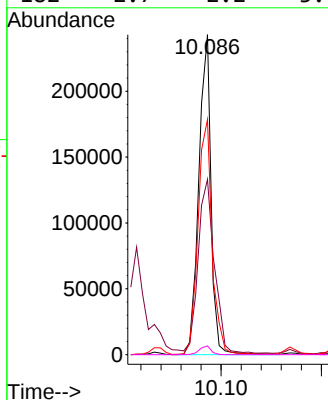
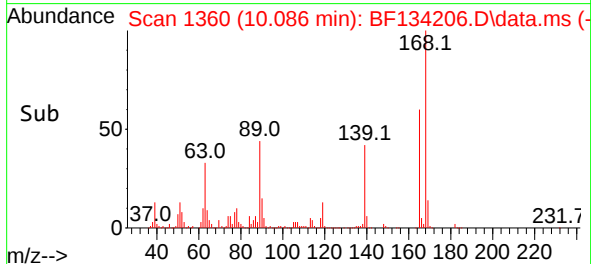


#57
2,4-Dinitrotoluene
Concen: 42.183 ng
RT: 10.086 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134206.D
Acq: 11 Jul 2023 10:44

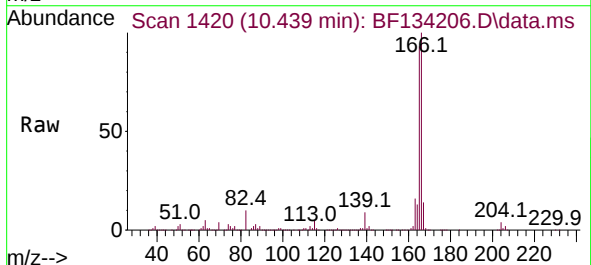
Instrument :
BNA_F
ClientSampleId :



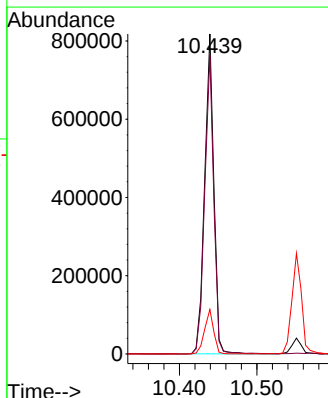
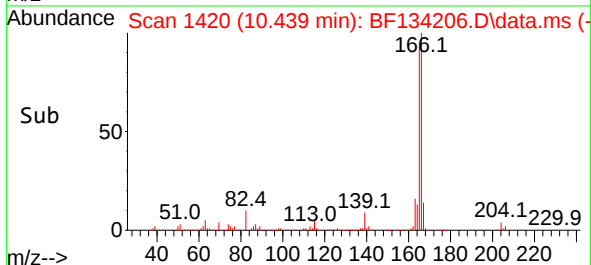
Tgt Ion:165 Resp: 206237
Ion Ratio Lower Upper
165 100
63 54.8 42.2 63.2
89 73.5 57.4 86.2
182 2.7 2.2 3.4

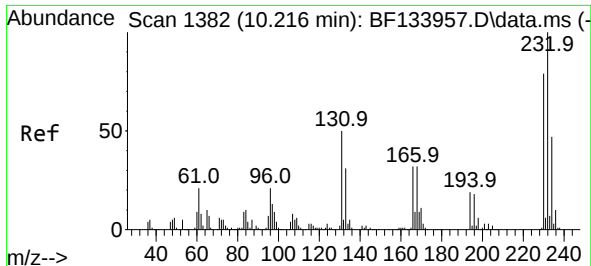


#58
Fluorene
Concen: 40.328 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF134206.D
Acq: 11 Jul 2023 10:44



Tgt Ion:166 Resp: 675460
Ion Ratio Lower Upper
166 100
165 93.5 75.0 112.4
167 13.9 10.6 15.8

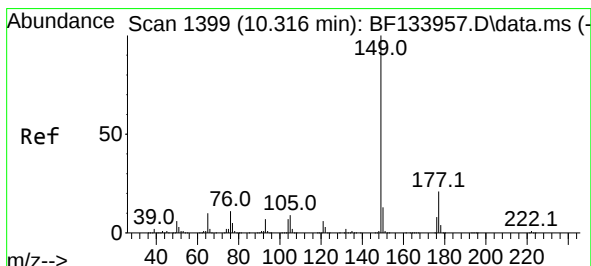
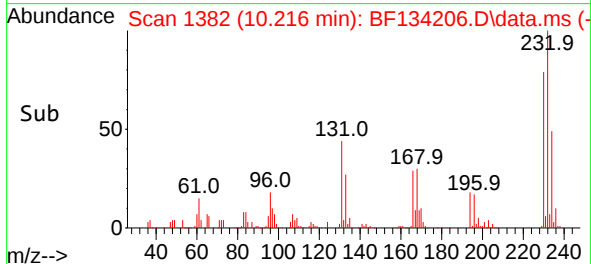
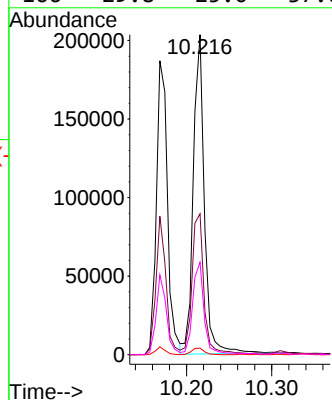
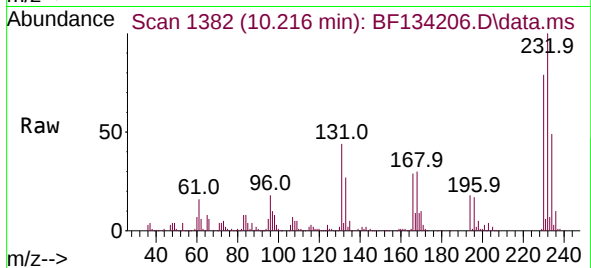




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.644 ng
RT: 10.216 min Scan# 1382
Delta R.T. 0.006 min
Lab File: BF134206.D
Acq: 11 Jul 2023 10:44

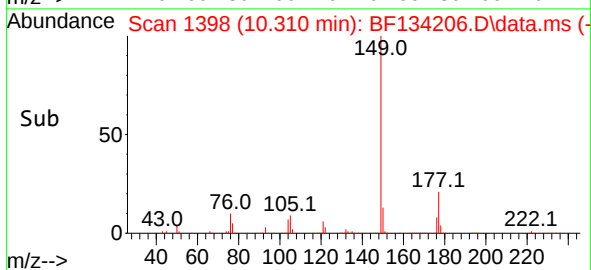
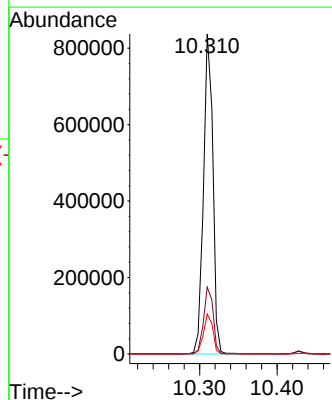
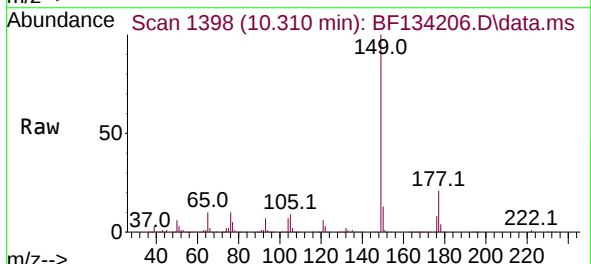
Instrument :
BNA_F
ClientSampleId :

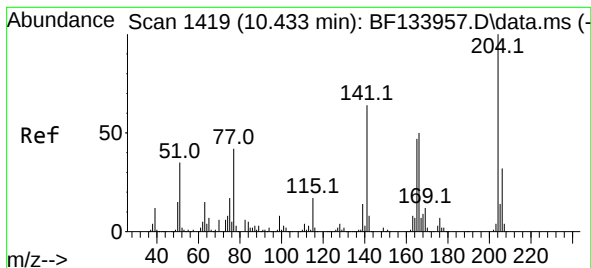
Tgt Ion:232 Resp: 184526
Ion Ratio Lower Upper
232 100
131 46.5 39.3 58.9
130 2.3 1.8 2.6
166 29.8 25.0 37.6



#60
Diethylphthalate
Concen: 39.396 ng
RT: 10.310 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF134206.D
Acq: 11 Jul 2023 10:44

Tgt Ion:149 Resp: 705492
Ion Ratio Lower Upper
149 100
177 20.9 17.0 25.6
150 12.5 10.2 15.2

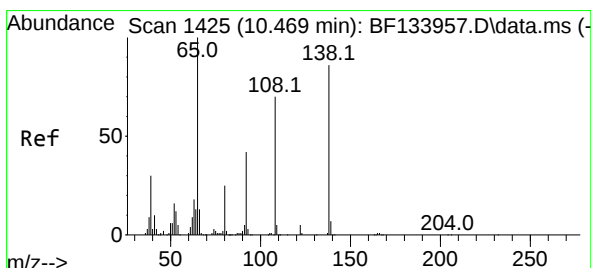
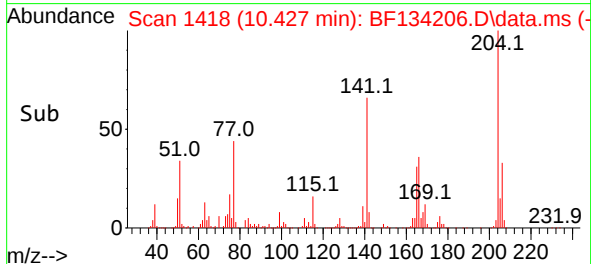
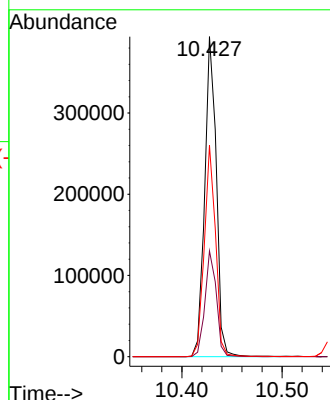
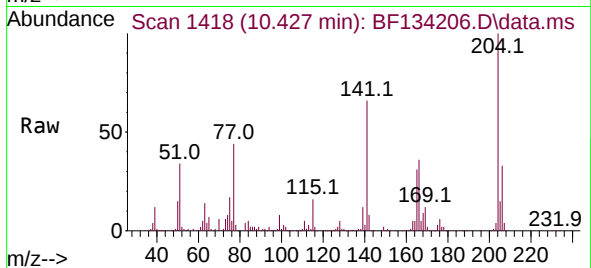




#61
4-Chlorophenyl-phenylether
Concen: 39.455 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF134206.D
Acq: 11 Jul 2023 10:44

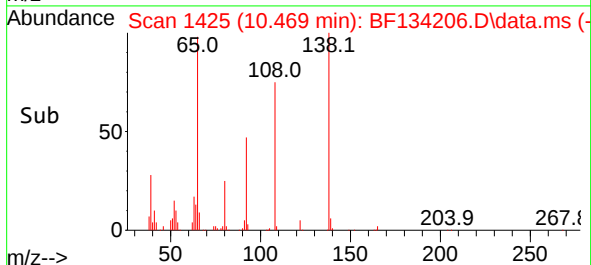
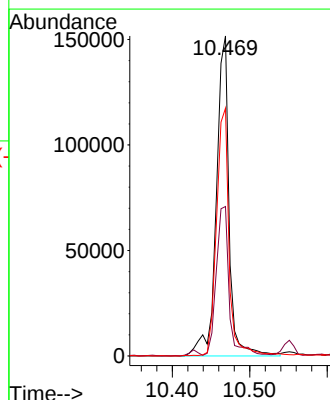
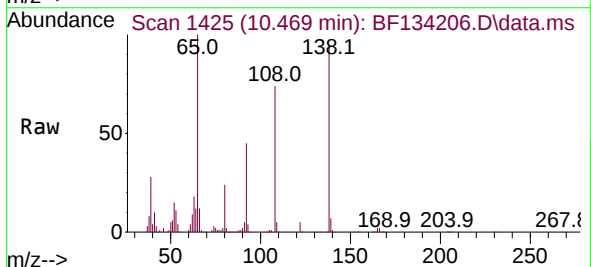
Instrument :
BNA_F
ClientSampleId :

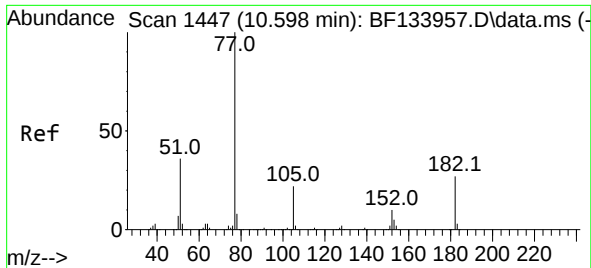
Tgt Ion:204 Resp: 318472
Ion Ratio Lower Upper
204 100
206 33.1 25.8 38.6
141 66.0 51.5 77.3



#62
4-Nitroaniline
Concen: 38.928 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF134206.D
Acq: 11 Jul 2023 10:44

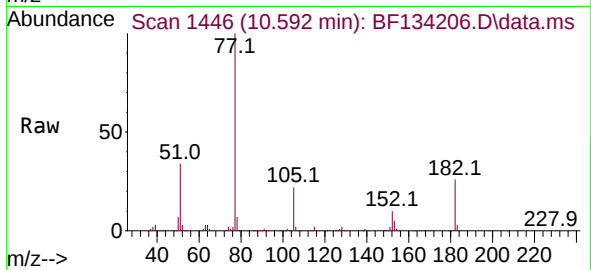
Tgt Ion:138 Resp: 174239
Ion Ratio Lower Upper
138 100
92 46.7 29.7 69.7
108 77.4 62.1 102.1



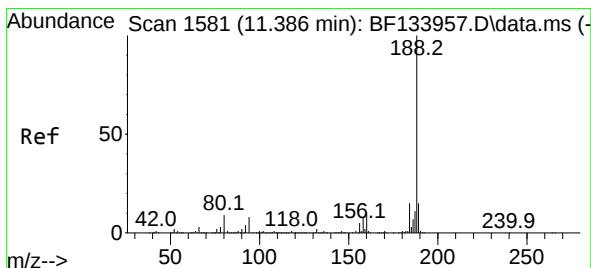
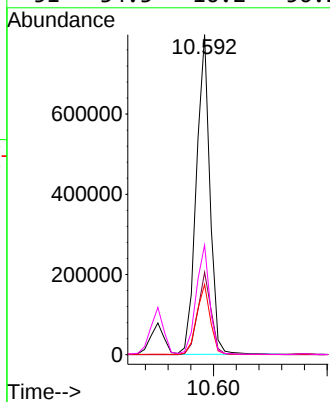
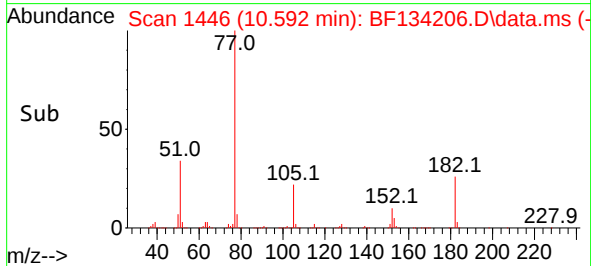


#63
Azobenzene
Concen: 39.026 ng
RT: 10.592 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BF134206.D
Acq: 11 Jul 2023 10:44

Instrument :
BNA_F
ClientSampleId :

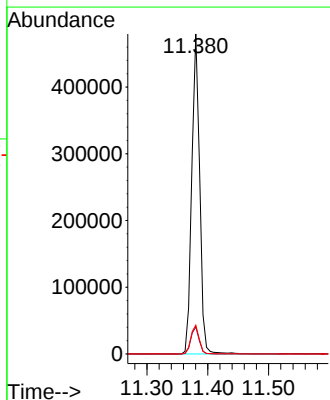
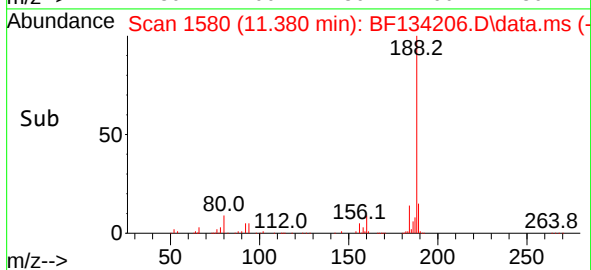
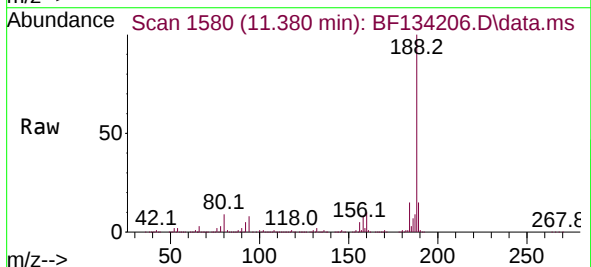


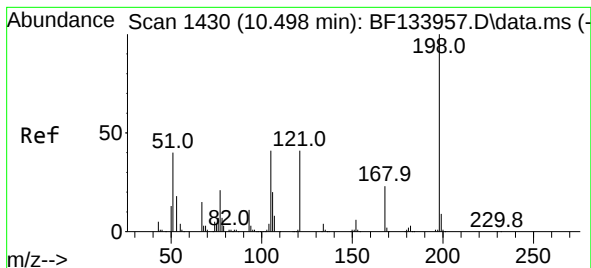
Tgt Ion: 77 Resp: 661075
Ion Ratio Lower Upper
77 100
182 25.7 6.8 46.8
105 21.9 2.3 42.3
51 34.3 16.2 56.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF134206.D
Acq: 11 Jul 2023 10:44

Tgt Ion: 188 Resp: 432894
Ion Ratio Lower Upper
188 100
94 8.4 6.4 9.6
80 9.0 7.3 10.9

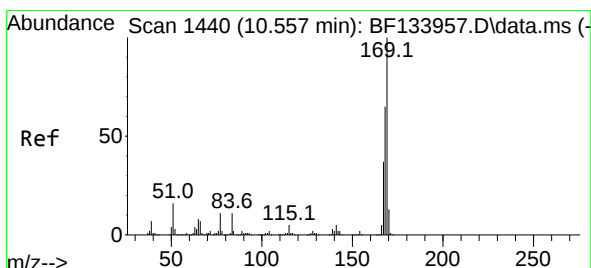
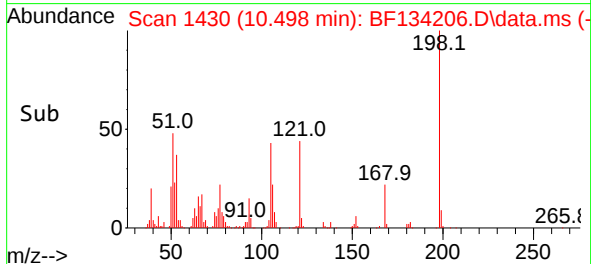
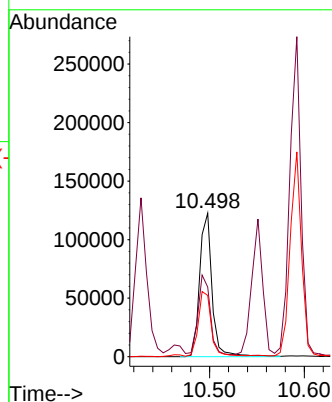
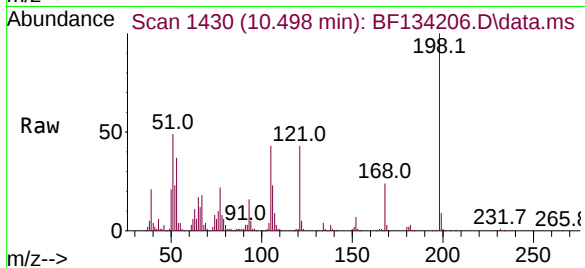




#65
4,6-Dinitro-2-methylphenol
Concen: 47.435 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF134206.D
Acq: 11 Jul 2023 10:44

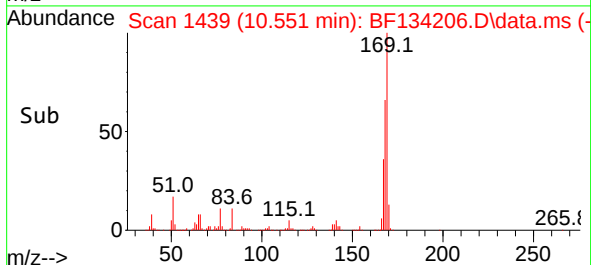
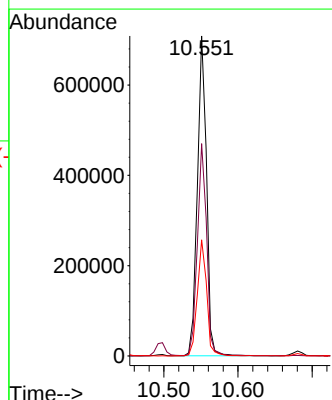
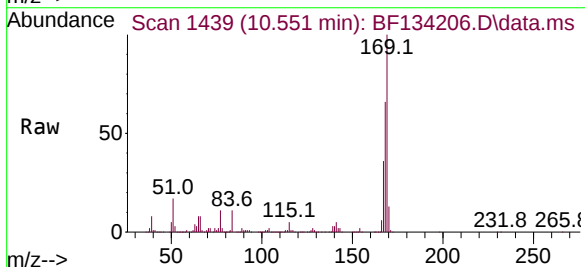
Instrument :
BNA_F
ClientSampleId :

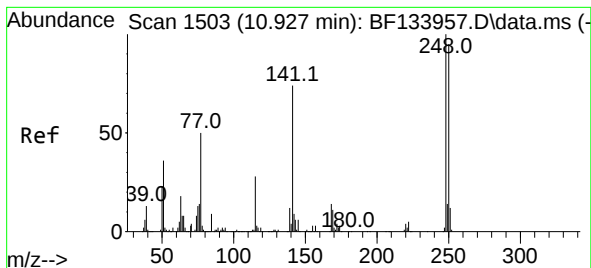
Tgt Ion:198 Resp: 111952
Ion Ratio Lower Upper
198 100
51 48.5 29.3 69.3
105 42.7 22.4 62.4



#66
n-Nitrosodiphenylamine
Concen: 43.835 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF134206.D
Acq: 11 Jul 2023 10:44

Tgt Ion:169 Resp: 606293
Ion Ratio Lower Upper
169 100
168 66.4 52.3 78.5
167 36.3 29.4 44.0

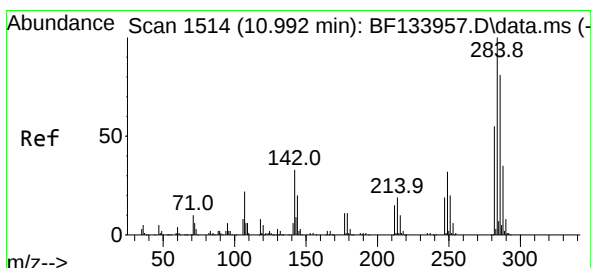
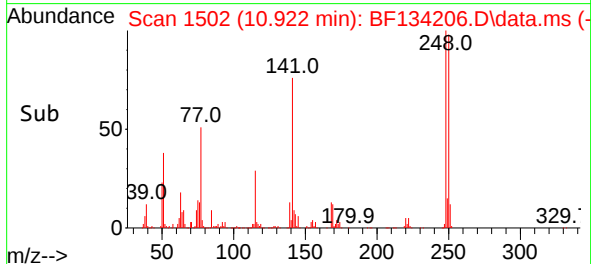
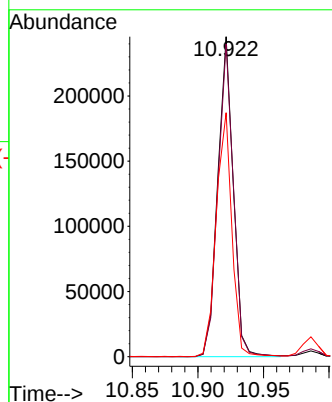
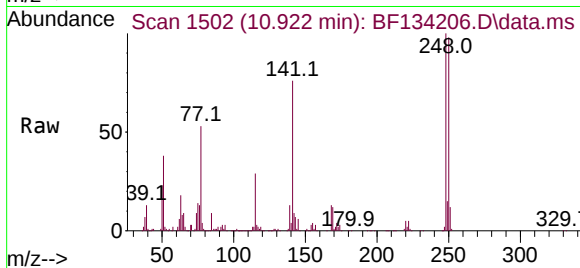




#67
4-Bromophenyl-phenylether
Concen: 43.929 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.000 min
Lab File: BF134206.D
Acq: 11 Jul 2023 10:44

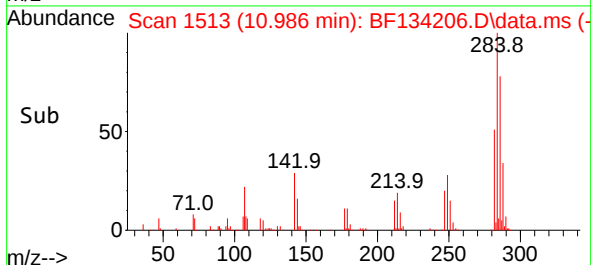
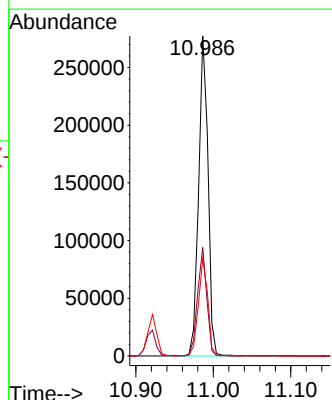
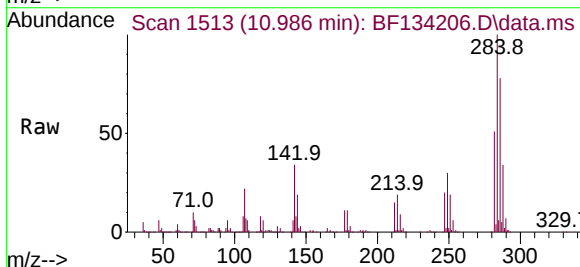
Instrument :
BNA_F
ClientSampleId :

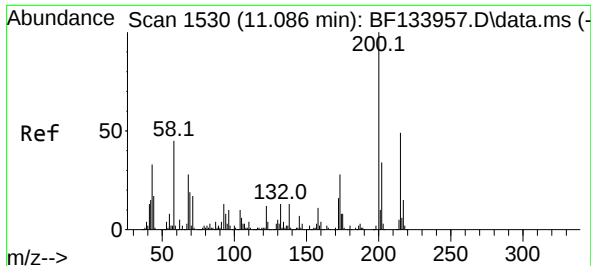
Tgt Ion:248 Resp: 202126
Ion Ratio Lower Upper
248 100
250 97.8 76.2 114.4
141 76.3 59.0 88.4



#68
Hexachlorobenzene
Concen: 47.722 ng
RT: 10.986 min Scan# 1513
Delta R.T. -0.000 min
Lab File: BF134206.D
Acq: 11 Jul 2023 10:44

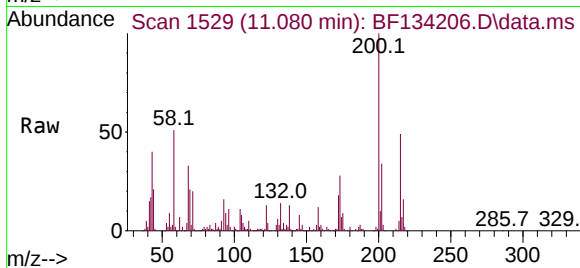
Tgt Ion:284 Resp: 233137
Ion Ratio Lower Upper
284 100
142 33.9 26.6 40.0
249 30.3 25.5 38.3



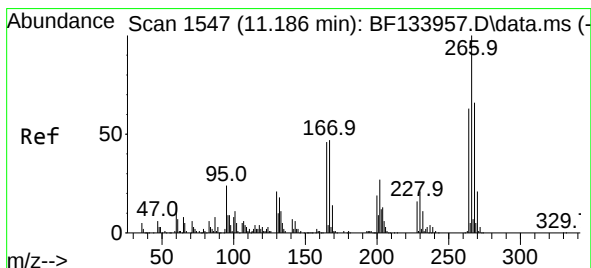
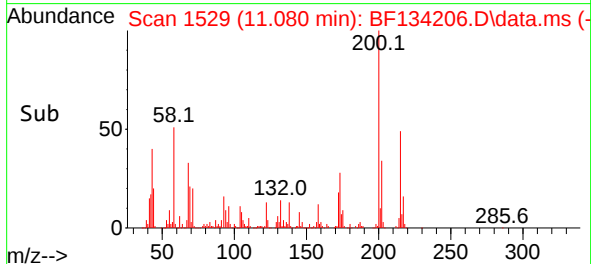
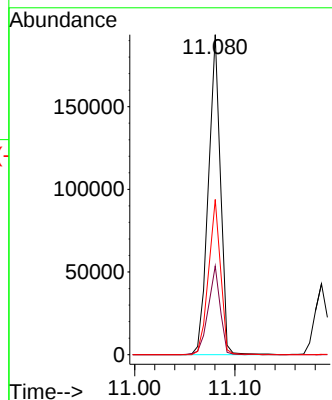


#69
Atrazine
Concen: 42.393 ng
RT: 11.080 min Scan# 1529
Delta R.T. -0.000 min
Lab File: BF134206.D
Acq: 11 Jul 2023 10:44

Instrument :
BNA_F
ClientSampleId :

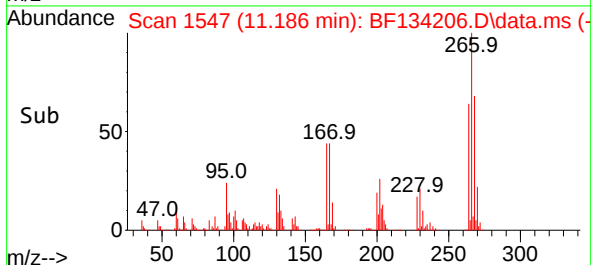
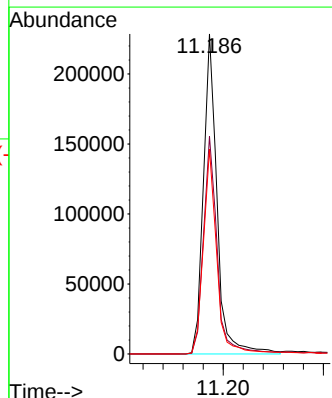
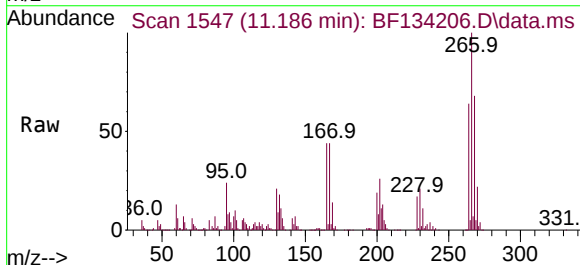


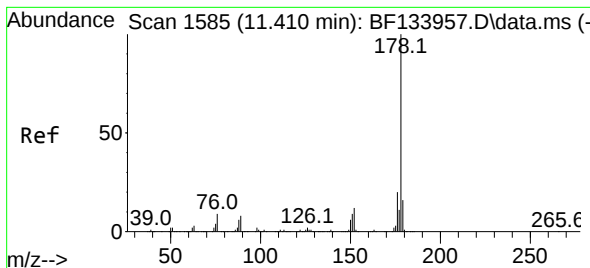
Tgt Ion:200 Resp: 162188
Ion Ratio Lower Upper
200 100
173 27.7 8.0 48.0
215 48.5 29.3 69.3



#70
Pentachlorophenol
Concen: 74.180 ng
RT: 11.186 min Scan# 1547
Delta R.T. -0.000 min
Lab File: BF134206.D
Acq: 11 Jul 2023 10:44

Tgt Ion:266 Resp: 216683
Ion Ratio Lower Upper
266 100
268 68.1 52.6 79.0
264 64.0 50.6 76.0





#71

Phenanthrene

Concen: 41.160 ng

RT: 11.404 min Scan# 1584

Delta R.T. -0.000 min

Lab File: BF134206.D

Acq: 11 Jul 2023 10:44

Instrument :

BNA_F

ClientSampleId :

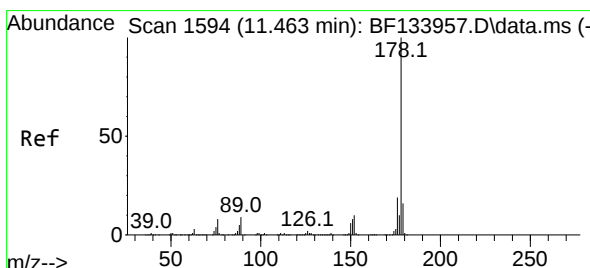
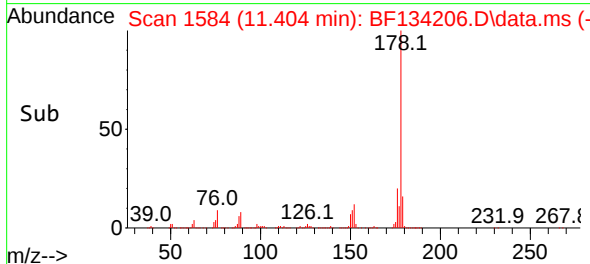
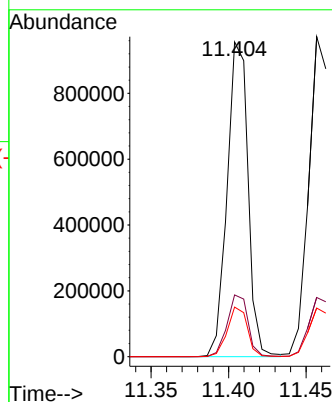
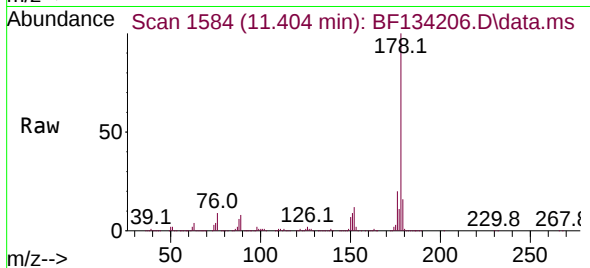
Tgt Ion:178 Resp: 896976

Ion Ratio Lower Upper

178 100

176 19.6 16.0 24.0

179 15.8 12.4 18.6



#72

Anthracene

Concen: 41.173 ng

RT: 11.457 min Scan# 1593

Delta R.T. -0.000 min

Lab File: BF134206.D

Acq: 11 Jul 2023 10:44

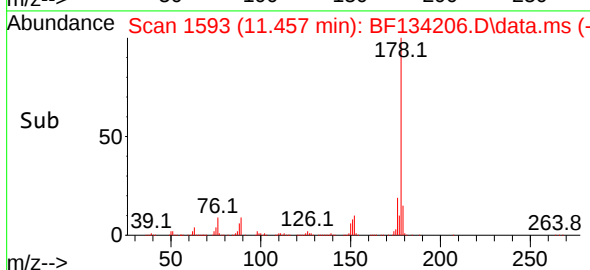
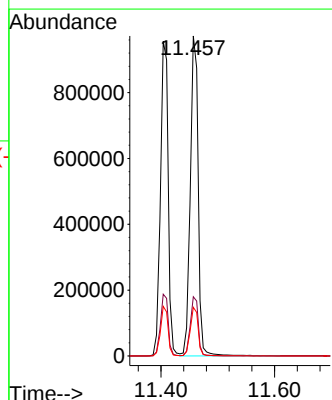
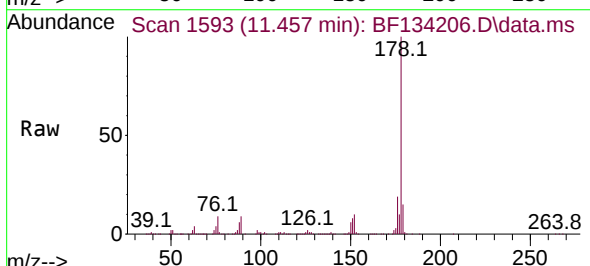
Tgt Ion:178 Resp: 933265

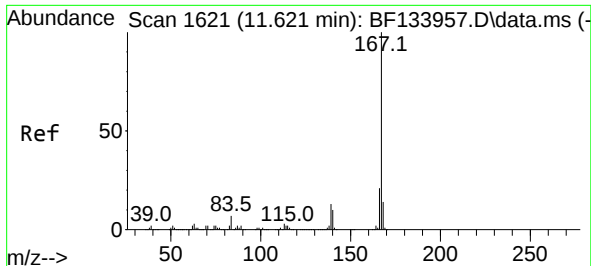
Ion Ratio Lower Upper

178 100

176 18.5 15.3 22.9

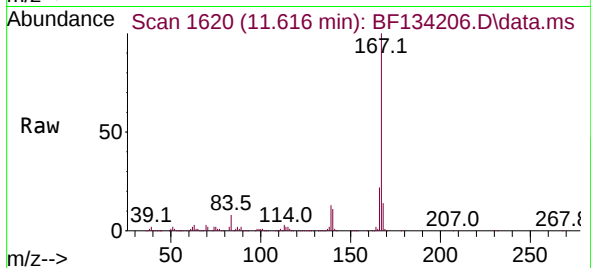
179 15.2 12.4 18.6



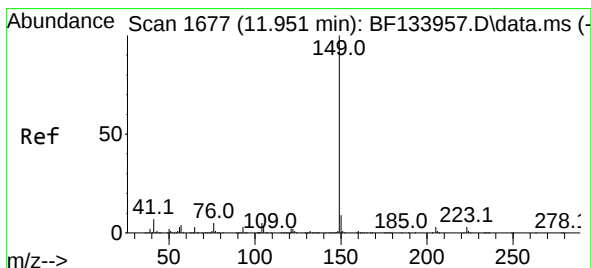
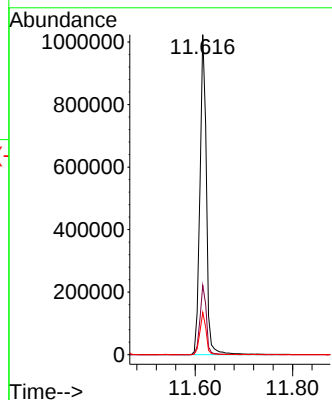
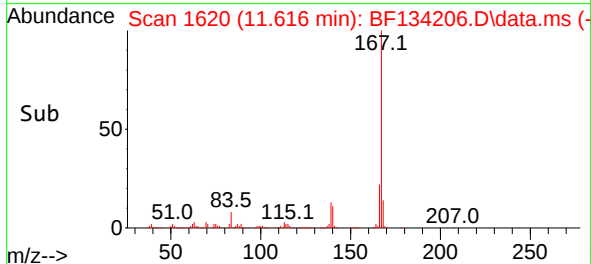


#73
 Carbazole
 Concen: 45.924 ng
 RT: 11.616 min Scan# 1620
 Delta R.T. -0.000 min
 Lab File: BF134206.D
 Acq: 11 Jul 2023 10:44

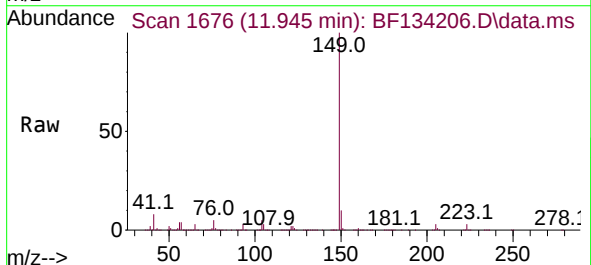
Instrument :
 BNA_F
 ClientSampleId :



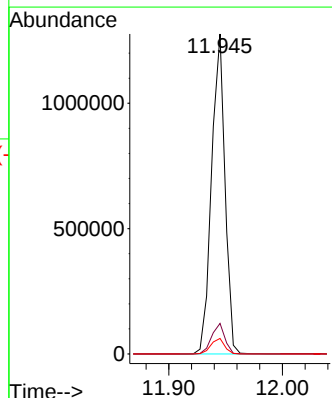
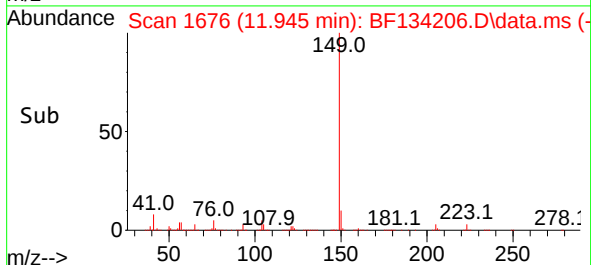
Tgt Ion:167 Resp: 952789
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.0 25.6
 139 13.2 10.4 15.6

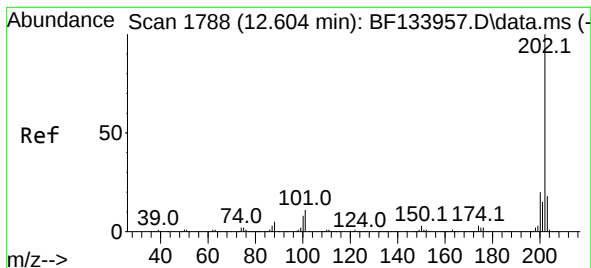


#74
 Di-n-butylphthalate
 Concen: 42.399 ng
 RT: 11.945 min Scan# 1676
 Delta R.T. -0.000 min
 Lab File: BF134206.D
 Acq: 11 Jul 2023 10:44



Tgt Ion:149 Resp: 1046079
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.1 10.7
 104 4.8 4.0 6.0





#75

Fluoranthene

Concen: 38.438 ng

RT: 12.604 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF134206.D

Acq: 11 Jul 2023 10:44

Instrument :

BNA_F

ClientSampleId :

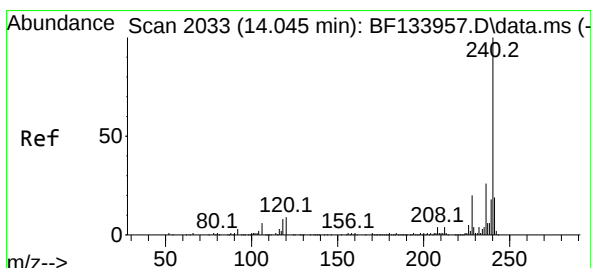
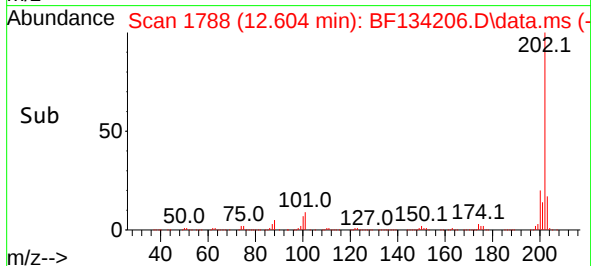
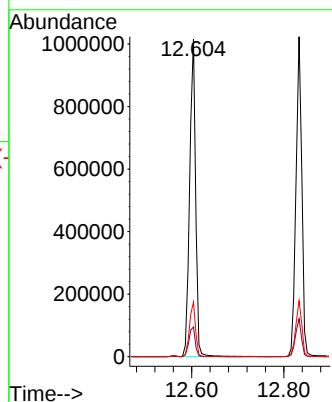
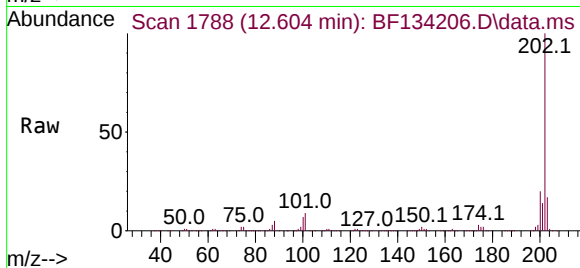
Tgt Ion:202 Resp: 905601

Ion Ratio Lower Upper

202 100

101 9.4 0.0 31.0

203 17.3 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2033

Delta R.T. 0.006 min

Lab File: BF134206.D

Acq: 11 Jul 2023 10:44

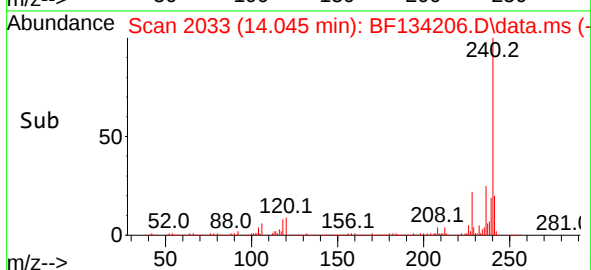
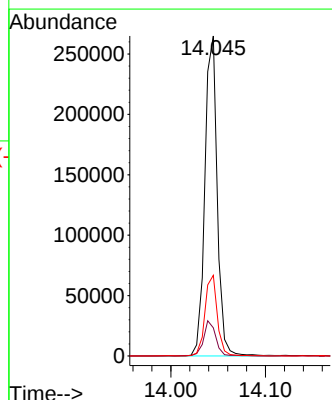
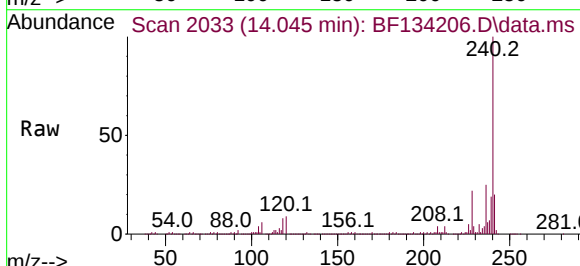
Tgt Ion:240 Resp: 240368

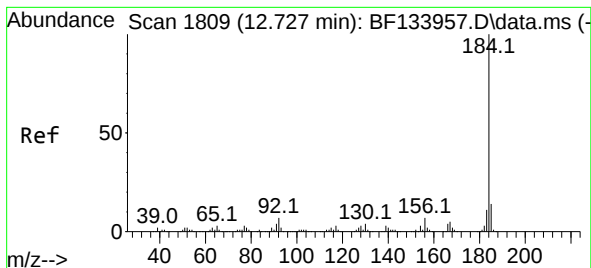
Ion Ratio Lower Upper

240 100

120 8.8 7.4 11.0

236 25.2 21.0 31.6





#77

Benzidine

Concen: 26.300 ng

RT: 12.727 min Scan# 1809

Delta R.T. -0.000 min

Lab File: BF134206.D

Acq: 11 Jul 2023 10:44

Instrument :

BNA_F

ClientSampleId :

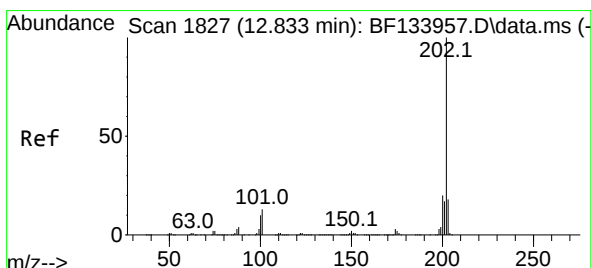
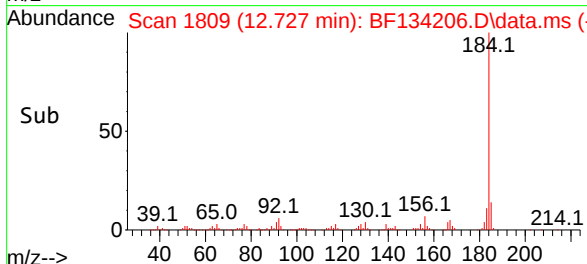
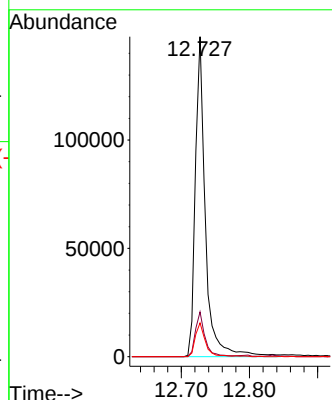
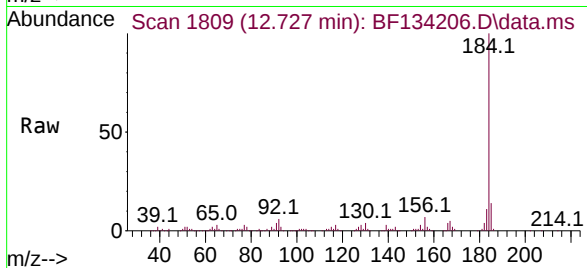
Tgt Ion:184 Resp: 150421

Ion Ratio Lower Upper

184 100

185 14.0 11.6 17.4

183 10.6 8.8 13.2



#78

Pyrene

Concen: 40.494 ng

RT: 12.833 min Scan# 1827

Delta R.T. -0.000 min

Lab File: BF134206.D

Acq: 11 Jul 2023 10:44

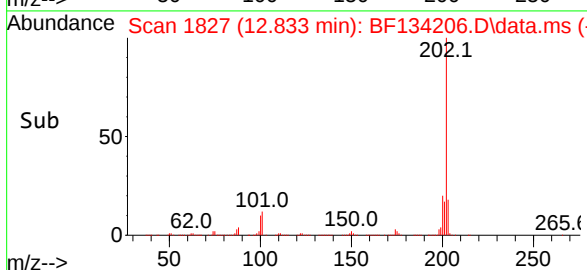
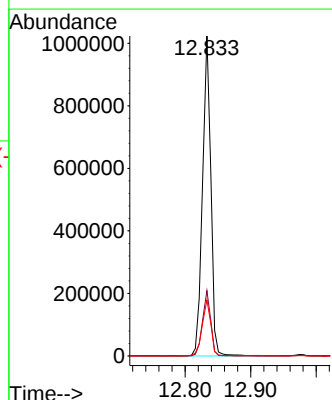
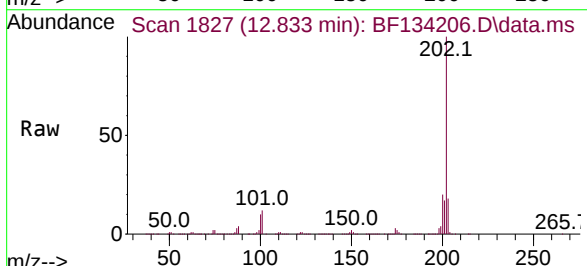
Tgt Ion:202 Resp: 905838

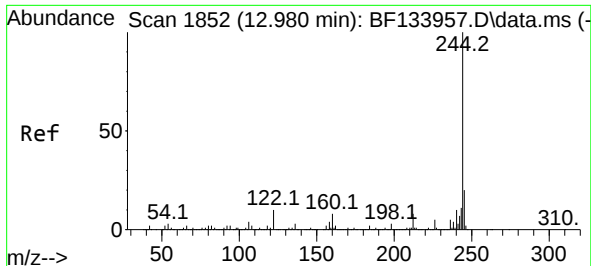
Ion Ratio Lower Upper

202 100

200 20.4 16.1 24.1

203 17.5 14.3 21.5

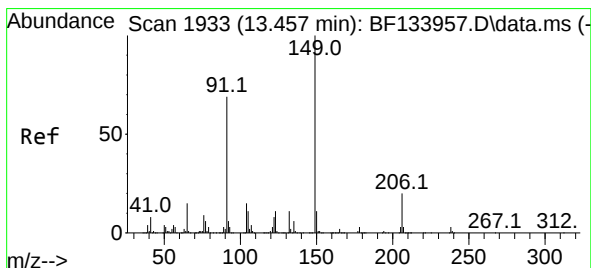
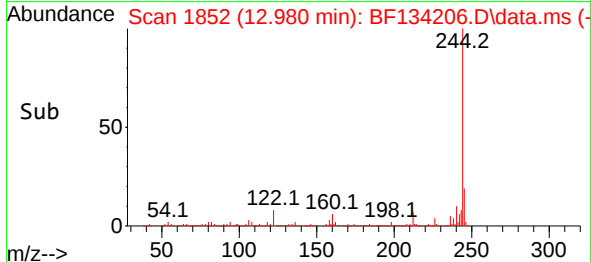
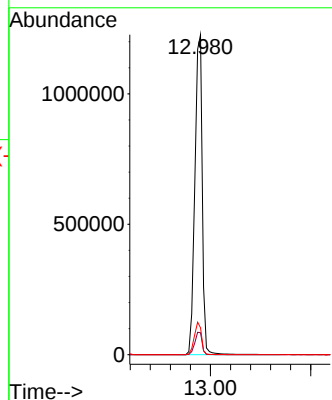
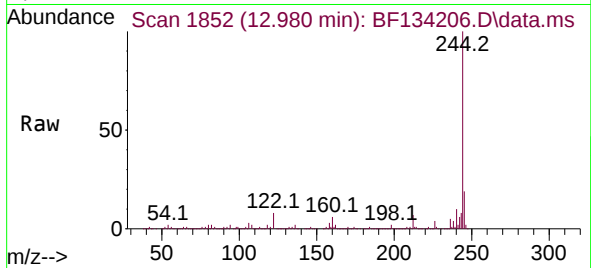




#79
 Terphenyl-d14
 Concen: 83.385 ng
 RT: 12.980 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF134206.D
 Acq: 11 Jul 2023 10:44

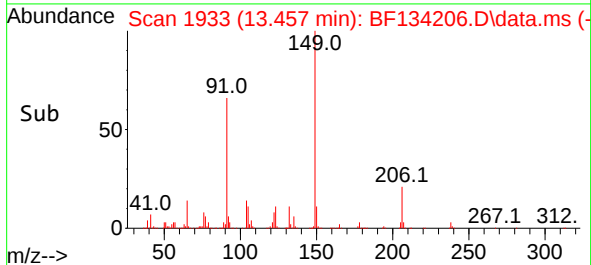
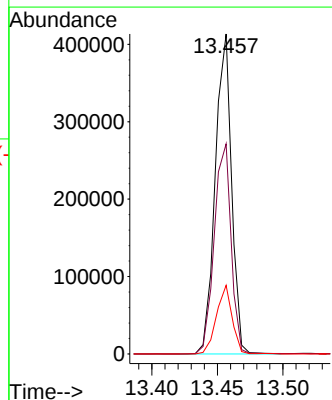
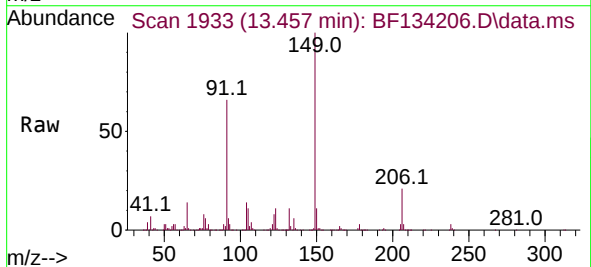
Instrument :
 BNA_F
 ClientSampleId :

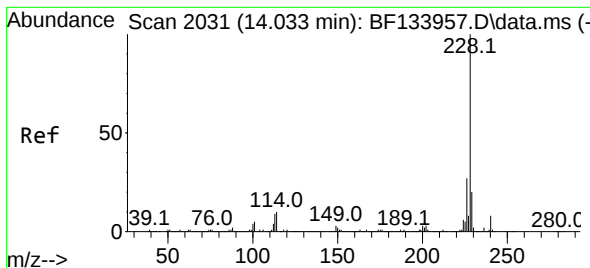
Tgt Ion:244 Resp: 1245361
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 8.4 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 42.641 ng
 RT: 13.457 min Scan# 1933
 Delta R.T. 0.006 min
 Lab File: BF134206.D
 Acq: 11 Jul 2023 10:44

Tgt Ion:149 Resp: 357741
 Ion Ratio Lower Upper
 149 100
 91 65.7 55.1 82.7
 206 21.4 15.7 23.5





#81

Benzo(a)anthracene

Concen: 41.581 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.000 min

Lab File: BF134206.D

Acq: 11 Jul 2023 10:44

Instrument :

BNA_F

ClientSampleId :

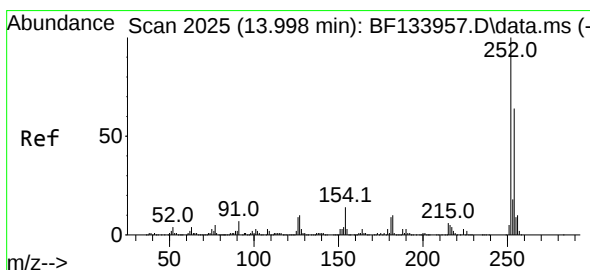
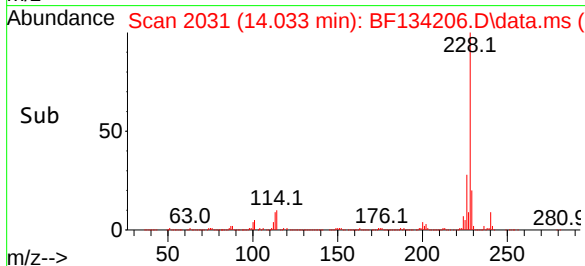
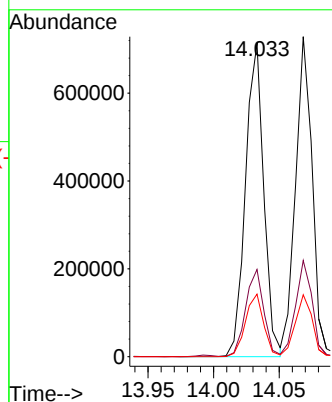
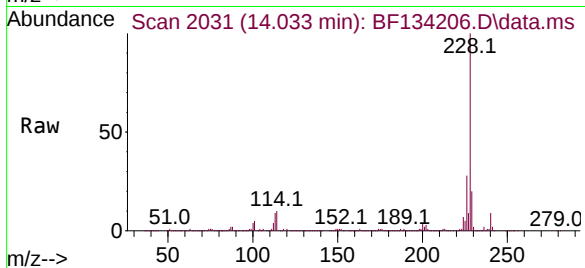
Tgt Ion:228 Resp: 693150

Ion Ratio Lower Upper

228 100

226 27.8 22.0 33.0

229 19.9 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 32.743 ng

RT: 13.992 min Scan# 2024

Delta R.T. -0.000 min

Lab File: BF134206.D

Acq: 11 Jul 2023 10:44

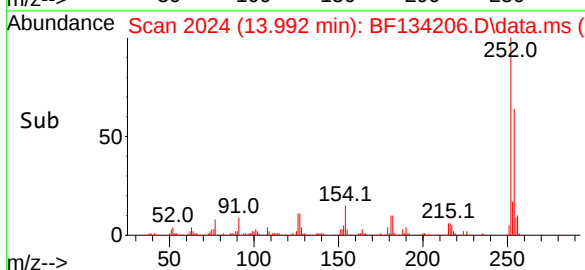
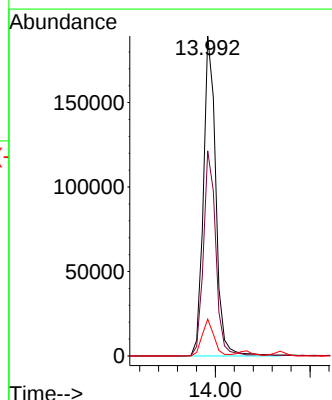
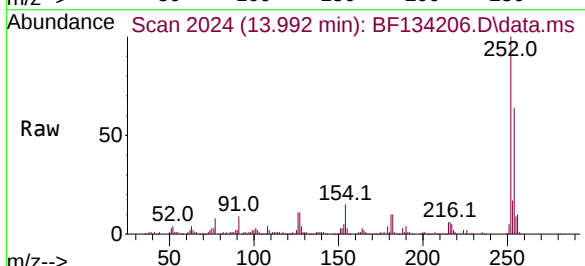
Tgt Ion:252 Resp: 172926

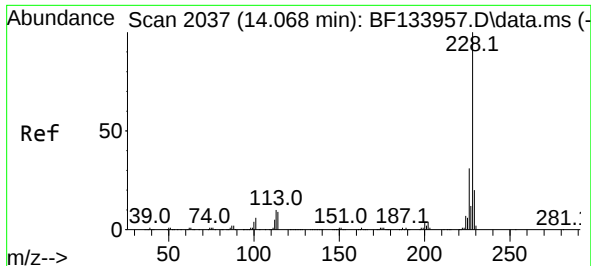
Ion Ratio Lower Upper

252 100

254 64.1 51.4 77.0

126 11.5 7.4 11.2#

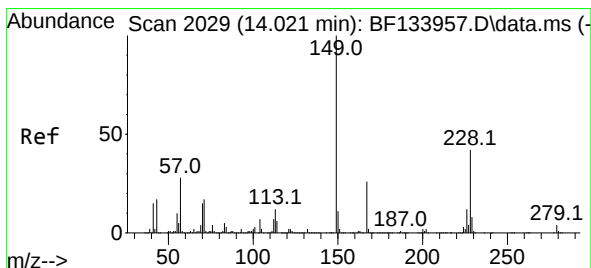
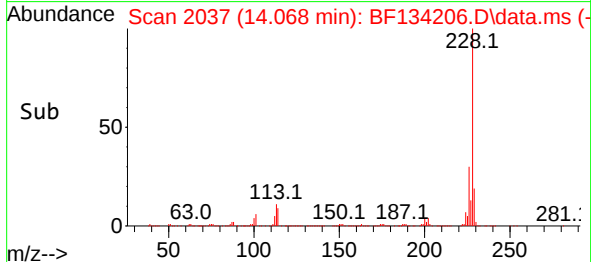
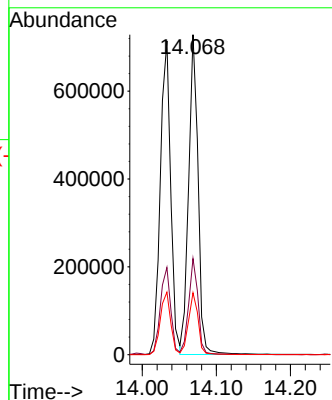
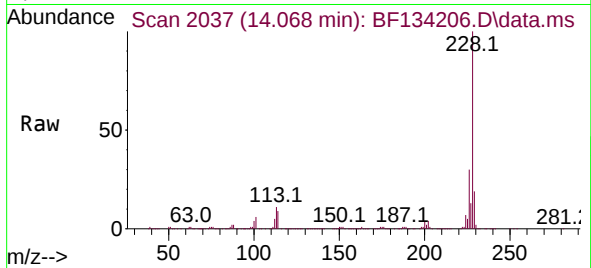




#83
Chrysene
Concen: 40.332 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.000 min
Lab File: BF134206.D
Acq: 11 Jul 2023 10:44

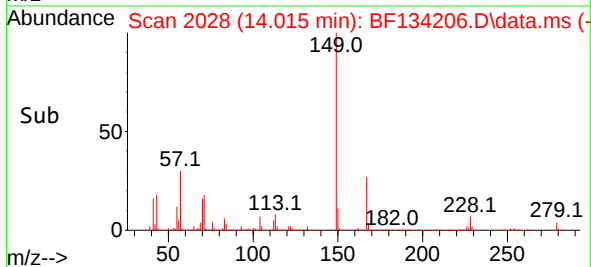
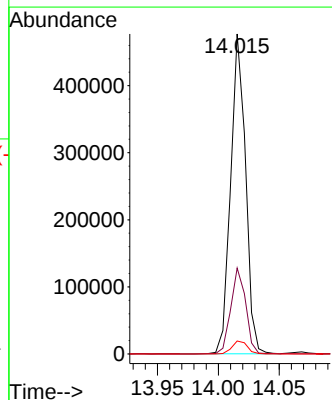
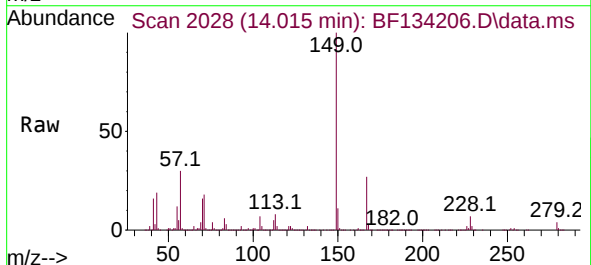
Instrument :
BNA_F
ClientSampleId :

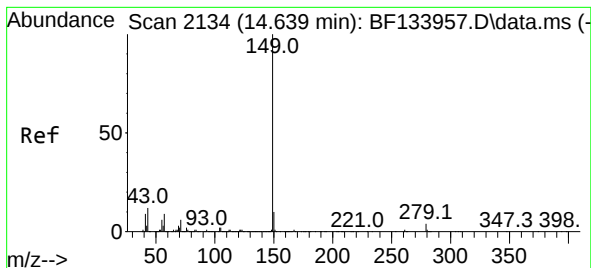
Tgt Ion:228 Resp: 651197
Ion Ratio Lower Upper
228 100
226 30.1 24.4 36.6
229 19.4 16.1 24.1



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.085 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF134206.D
Acq: 11 Jul 2023 10:44

Tgt Ion:149 Resp: 405710
Ion Ratio Lower Upper
149 100
167 26.8 21.0 31.4
279 4.1 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 42.080 ng

RT: 14.639 min Scan# 2134

Delta R.T. -0.000 min

Lab File: BF134206.D

Acq: 11 Jul 2023 10:44

Instrument :

BNA_F

ClientSampleId :

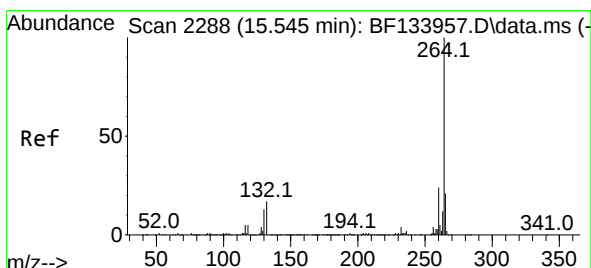
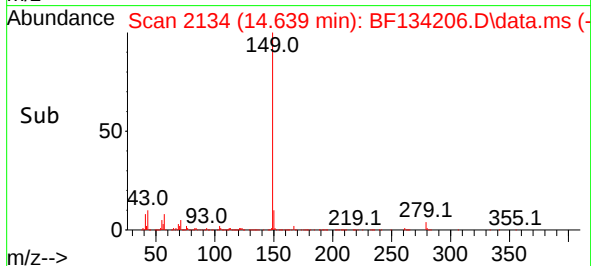
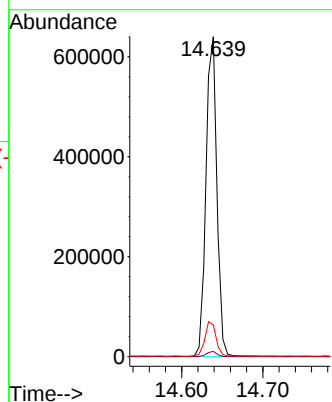
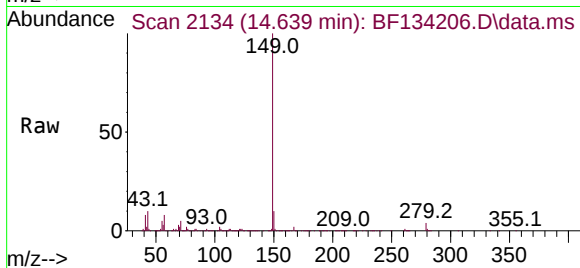
Tgt Ion:149 Resp: 596060

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.9 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: BF134206.D

Acq: 11 Jul 2023 10:44

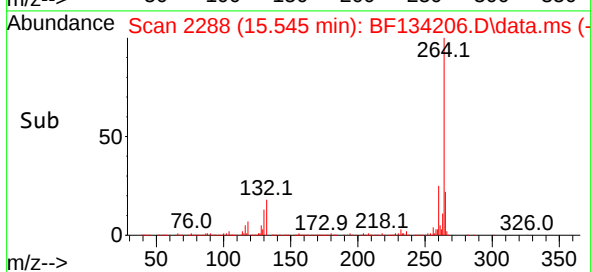
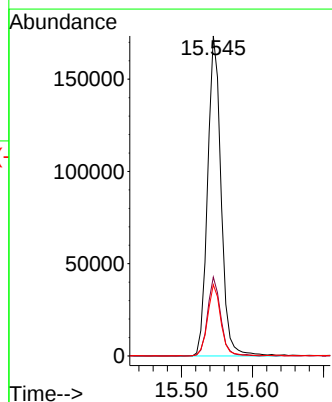
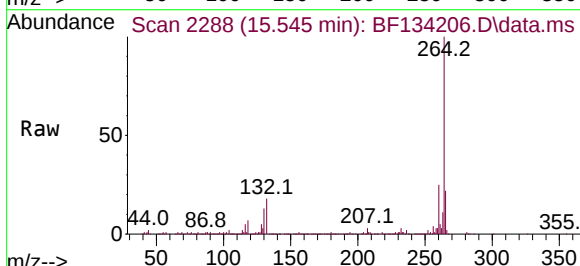
Tgt Ion:264 Resp: 229005

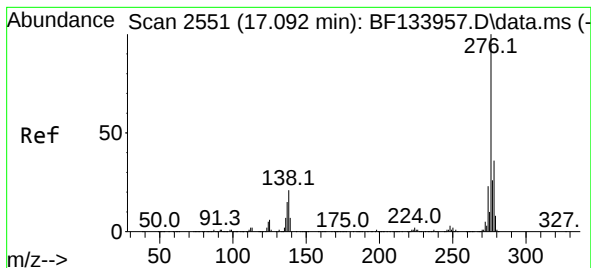
Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

265 22.3 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.189 ng

RT: 17.103 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF134206.D

Acq: 11 Jul 2023 10:44

Instrument :

BNA_F

ClientSampleId :

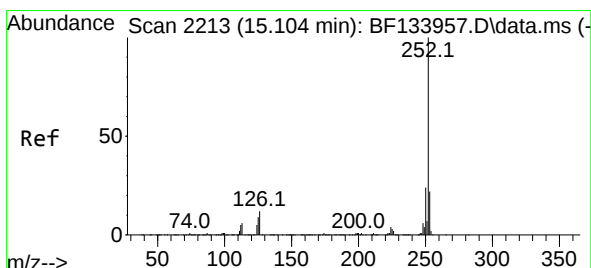
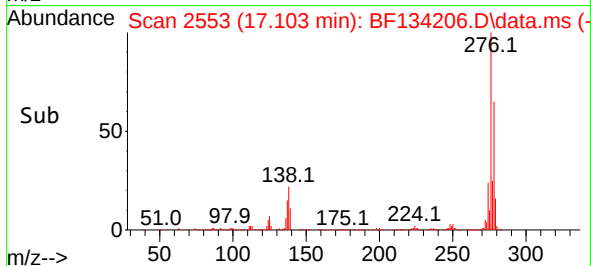
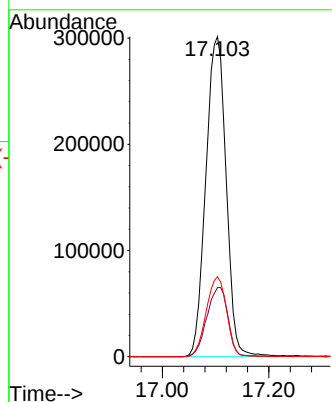
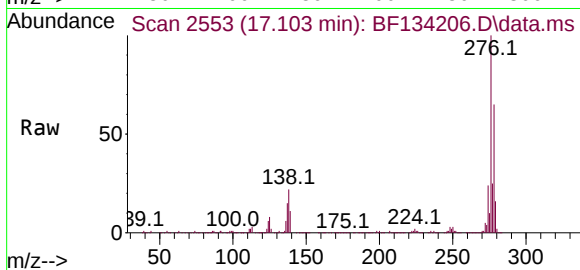
Tgt Ion:276 Resp: 797538

Ion Ratio Lower Upper

276 100

138 22.6 18.7 28.1

277 25.0 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 38.645 ng

RT: 15.104 min Scan# 2213

Delta R.T. -0.000 min

Lab File: BF134206.D

Acq: 11 Jul 2023 10:44

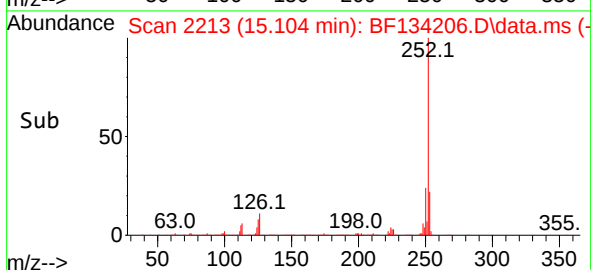
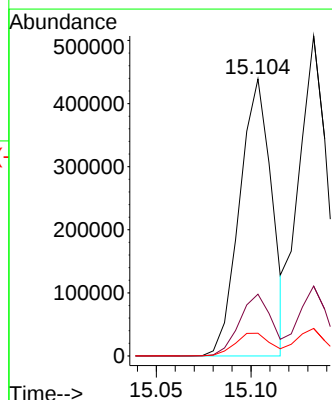
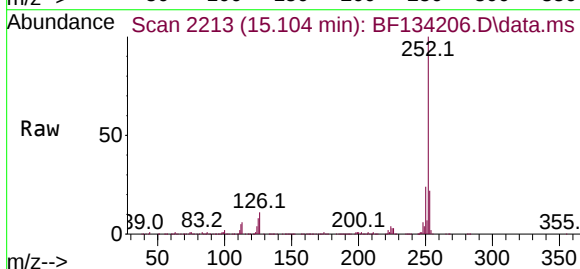
Tgt Ion:252 Resp: 520378

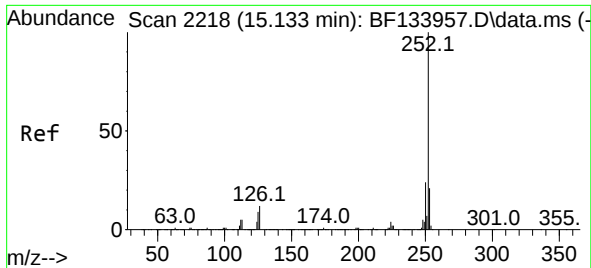
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 8.2 7.1 10.7

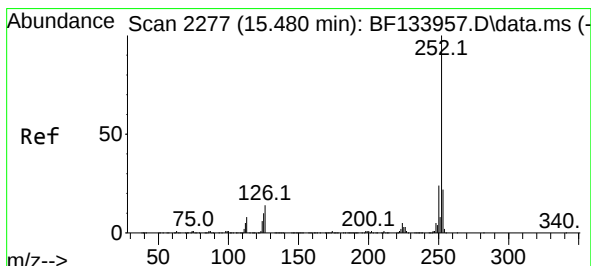
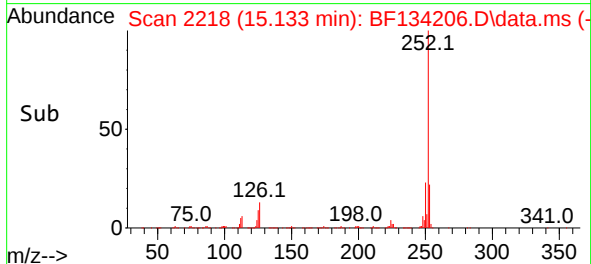
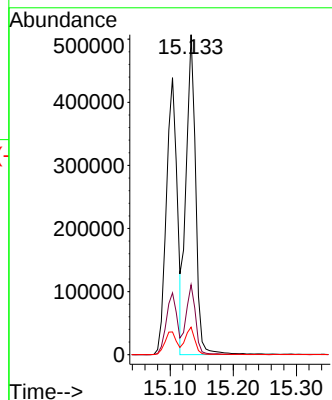
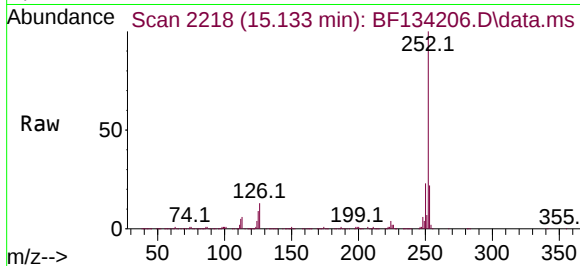




#89
Benzo(k)fluoranthene
Concen: 39.050 ng
RT: 15.133 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF134206.D
Acq: 11 Jul 2023 10:44

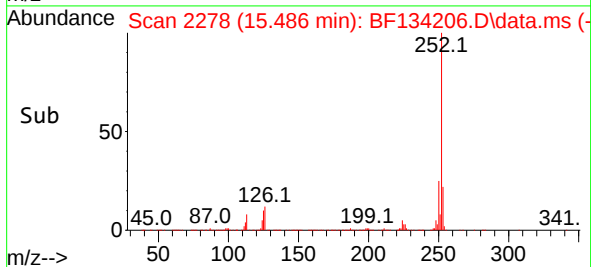
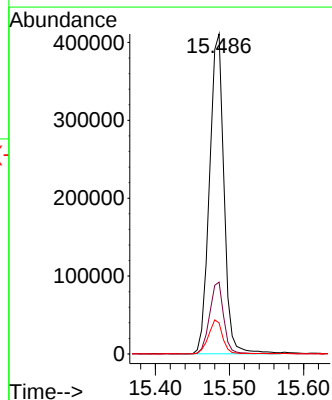
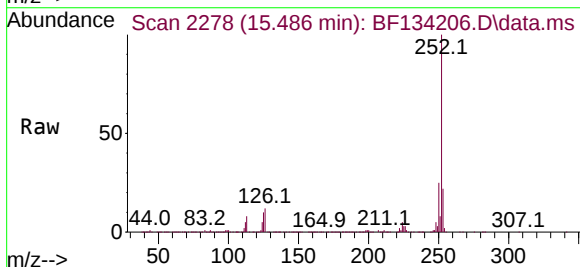
Instrument :
BNA_F
ClientSampleId :

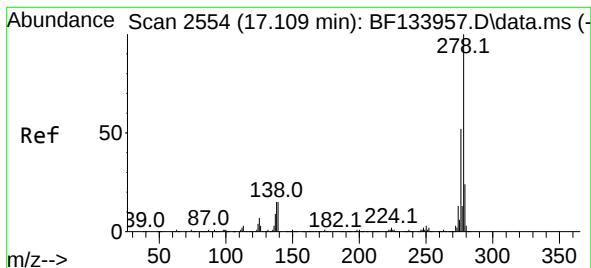
Tgt Ion:252 Resp: 535375
Ion Ratio Lower Upper
252 100
253 21.9 16.9 25.3
125 8.6 7.4 11.2



#90
Benzo(a)pyrene
Concen: 42.885 ng
RT: 15.486 min Scan# 2278
Delta R.T. 0.006 min
Lab File: BF134206.D
Acq: 11 Jul 2023 10:44

Tgt Ion:252 Resp: 558411
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 9.7 8.4 12.6





#91

Dibenzo(a,h)anthracene

Concen: 50.283 ng

RT: 17.115 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF134206.D

Acq: 11 Jul 2023 10:44

Instrument :

BNA_F

ClientSampleId :

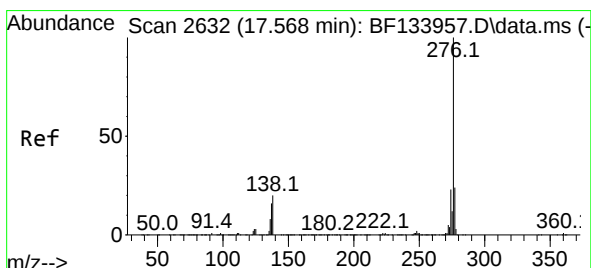
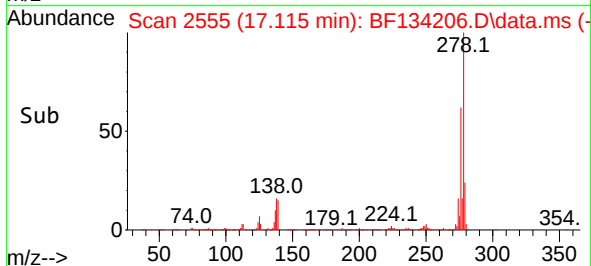
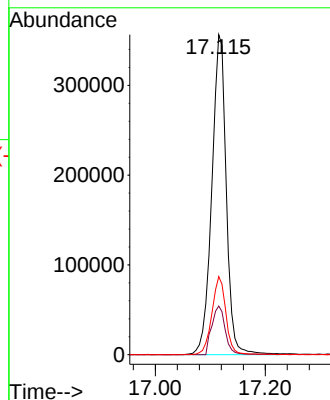
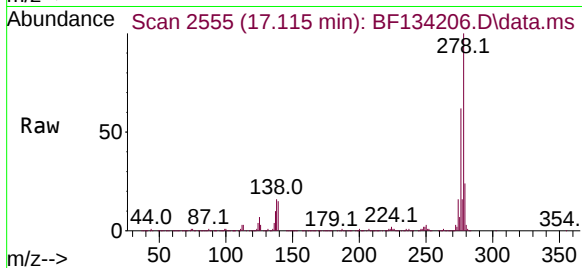
Tgt Ion:278 Resp: 652637

Ion Ratio Lower Upper

278 100

139 15.2 12.2 18.4

279 24.4 19.4 29.2



#92

Benzo(g,h,i)perylene

Concen: 42.021 ng

RT: 17.574 min Scan# 2633

Delta R.T. 0.006 min

Lab File: BF134206.D

Acq: 11 Jul 2023 10:44

Tgt Ion:276 Resp: 562448

Ion Ratio Lower Upper

276 100

277 23.5 19.0 28.6

138 18.1 16.2 24.2

