

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071923\
 Data File : BF134373.D
 Acq On : 19 Jul 2023 23:04
 Operator : CG\JU
 Sample : 03639-21MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 20 00:47:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	89062	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	322215	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	126753	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	236493	20.000	ng	0.00
76) Chrysene-d12	14.033	240	167931	20.000	ng	0.00
86) Perylene-d12	15.539	264	135477	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	441016	82.832	ng	0.01
7) Phenol-d6	6.487	99	527887	80.621	ng	0.00
23) Nitrobenzene-d5	7.404	82	351585	58.819	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	148429	93.397	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	661617	75.889	ng	-0.01
79) Terphenyl-d14	12.963	244	507586	48.646	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.687	88	80670	36.746	ng	99
3) Pyridine	3.463	79	208659	36.490	ng	97
4) n-Nitrosodimethylamine	3.434	42	133018	40.729	ng	98
6) Aniline	6.504	93	308498	38.718	ng	# 71
8) 2-Chlorophenol	6.628	128	248988	46.068	ng	97
9) Benzaldehyde	6.392	77	147080	41.206	ng	97
10) Phenol	6.498	94	303617	44.102	ng	79
11) bis(2-Chloroethyl)ether	6.575	93	231151	45.605	ng	98
12) 1,3-Dichlorobenzene	6.781	146	278037	48.253	ng	98
13) 1,4-Dichlorobenzene	6.857	146	278700	47.887	ng	98
14) 1,2-Dichlorobenzene	7.004	146	266224	48.843	ng	100
15) Benzyl Alcohol	6.986	79	232098	45.981	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.116	45	355469	39.643	ng	87
17) 2-Methylphenol	7.098	107	202160	41.770	ng	93
18) Hexachloroethane	7.345	117	95417	44.216	ng	98
19) n-Nitroso-di-n-propyla...	7.257	70	161724	38.947	ng	94
20) 3+4-Methylphenols	7.251	107	225847	38.465	ng	93
22) Acetophenone	7.251	105	316321	43.166	ng	# 96
24) Nitrobenzene	7.422	77	277751	45.983	ng	93
25) Isophorone	7.663	82	476652	43.876	ng	99
26) 2-Nitrophenol	7.739	139	119966	41.401	ng	97
27) 2,4-Dimethylphenol	7.781	122	179781	39.196	ng	93
28) bis(2-Chloroethoxy)met...	7.869	93	252709	40.174	ng	99
29) 2,4-Dichlorophenol	7.981	162	210542	46.290	ng	97
30) 1,2,4-Trichlorobenzene	8.057	180	227951	48.571	ng	97
31) Naphthalene	8.139	128	669290	43.002	ng	99
32) Benzoic acid	7.916	122	115950	33.736	ng	94
33) 4-Chloroaniline	8.192	127	170885	25.667	ng	99
34) Hexachlorobutadiene	8.251	225	137849	46.564	ng	98
35) Caprolactam	8.575	113	52056	34.760	ng	97
36) 4-Chloro-3-methylphenol	8.680	107	232262	45.456	ng	95
37) 2-Methylnaphthalene	8.833	142	464551	42.208	ng	98
38) 1-Methylnaphthalene	8.933	142	372920	36.447	ng	99
40) 1,2,4,5-Tetrachloroben...	8.998	216	227378	60.549	ng	98
41) Hexachlorocyclopentadiene	8.980	237	46980	26.370	ng	99
43) 2,4,6-Trichlorophenol	9.116	196	130098	50.892	ng	98

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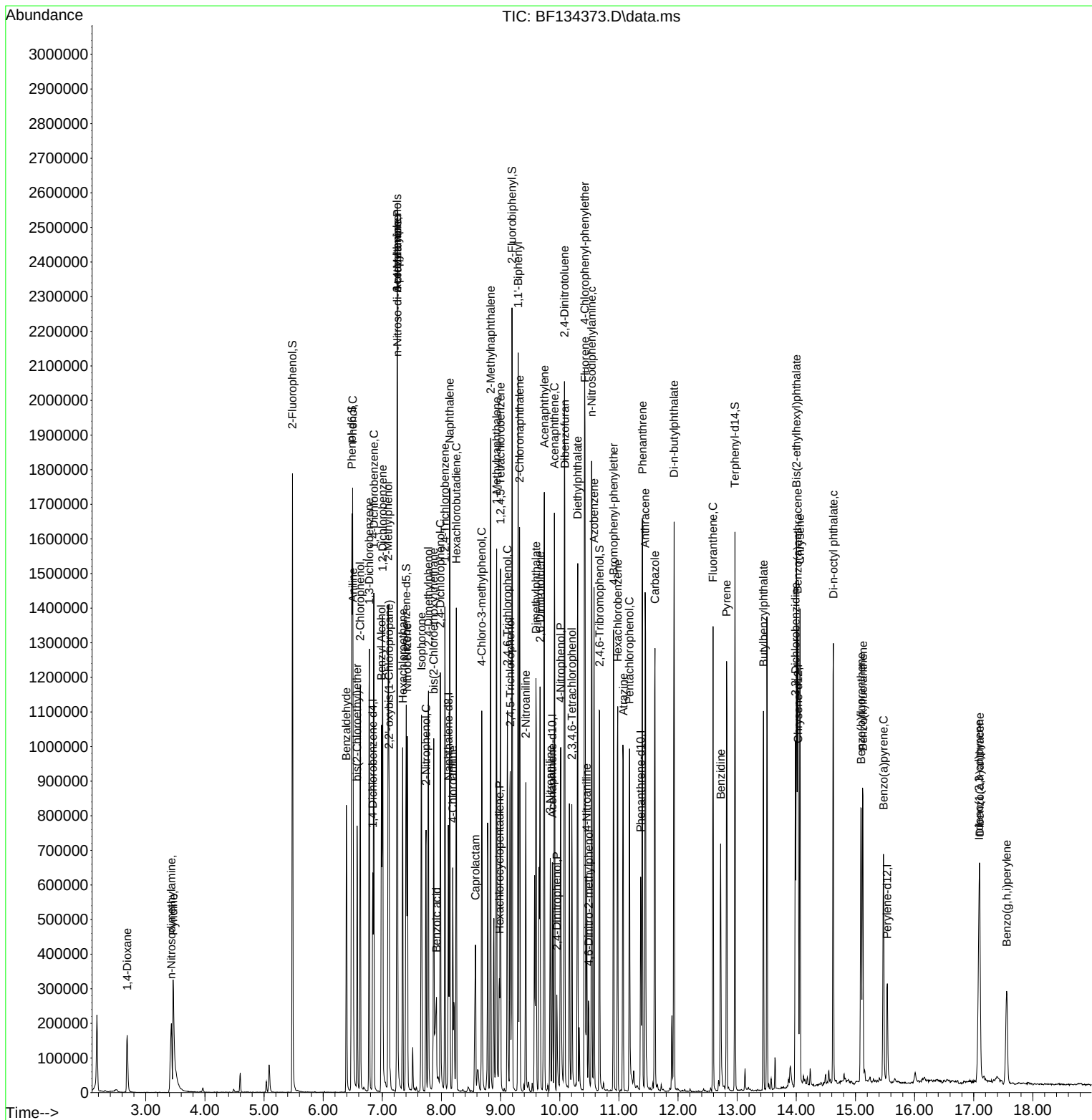
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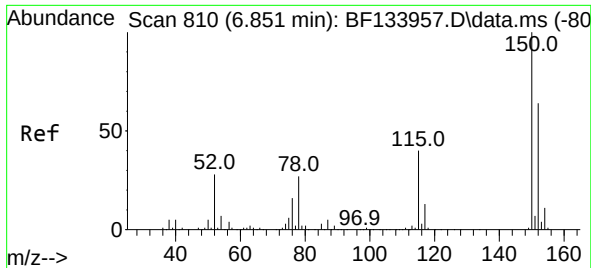
Quant Time: Jul 20 00:47:28 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	153471	51.038	ng	94
46) 1,1'-Biphenyl	9.298	154	551768	54.267	ng	97
47) 2-Chloronaphthalene	9.322	162	415883	55.903	ng	96
48) 2-Nitroaniline	9.427	65	140247	51.728	ng	92
49) Acenaphthylene	9.739	152	665078	52.334	ng	99
50) Dimethylphthalate	9.598	163	521211	56.647	ng	99
51) 2,6-Dinitrotoluene	9.669	165	108876	54.939	ng	95
52) Acenaphthene	9.910	154	352302	47.776	ng	100
53) 3-Nitroaniline	9.839	138	87649	36.867	ng	94
54) 2,4-Dinitrophenol	9.951	184	37557	35.095	ng	93
55) Dibenzofuran	10.086	168	584251	50.697	ng	100
56) 4-Nitrophenol	10.016	139	145358	87.408	ng	94
57) 2,4-Dinitrotoluene	10.080	165	131422	50.216	ng #	86
58) Fluorene	10.427	166	452428	50.461	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	108357	45.683	ng	94
60) Diethylphthalate	10.304	149	544399	56.791	ng	100
61) 4-Chlorophenyl-phenyle...	10.422	204	237866	55.051	ng	96
62) 4-Nitroaniline	10.457	138	98882	41.270	ng	94
63) Azobenzene	10.580	77	452302	49.881	ng	97
65) 4,6-Dinitro-2-methylph...	10.492	198	33045	25.629	ng	97
66) n-Nitrosodiphenylamine	10.539	169	421009	55.718	ng	98
67) 4-Bromophenyl-phenylether	10.910	248	144457	57.469	ng	94
68) Hexachlorobenzene	10.980	284	149167	55.891	ng	94
69) Atrazine	11.074	200	125023	59.818	ng	99
70) Pentachlorophenol	11.180	266	125897	78.894	ng	97
71) Phenanthrene	11.398	178	580994	48.801	ng	99
72) Anthracene	11.445	178	577752	46.657	ng	99
73) Carbazole	11.610	167	527786	46.565	ng	98
74) Di-n-butylphthalate	11.933	149	734223	54.473	ng	99
75) Fluoranthene	12.592	202	519201	40.339	ng	97
77) Benzidine	12.721	184	323808	81.037	ng	98
78) Pyrene	12.821	202	527743	33.769	ng	100
80) Butylbenzylphthalate	13.445	149	243637	41.567	ng	96
81) Benzo(a)anthracene	14.021	228	536944	46.104	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	203431	55.133	ng	99
83) Chrysene	14.062	228	466184	41.328	ng	98
84) Bis(2-ethylhexyl)phtha...	14.004	149	407762	60.544	ng	100
85) Di-n-octyl phthalate	14.627	149	637858	64.455	ng	97
87) Indeno(1,2,3-cd)pyrene	17.092	276	356835	37.958	ng	95
88) Benzo(b)fluoranthene	15.098	252	431742	54.197	ng	98
89) Benzo(k)fluoranthene	15.127	252	380821	46.952	ng #	98
90) Benzo(a)pyrene	15.474	252	341482	44.330	ng	97
91) Dibenzo(a,h)anthracene	17.103	278	309293	40.281	ng #	96
92) Benzo(g,h,i)perylene	17.556	276	247720	31.285	ng #	95

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

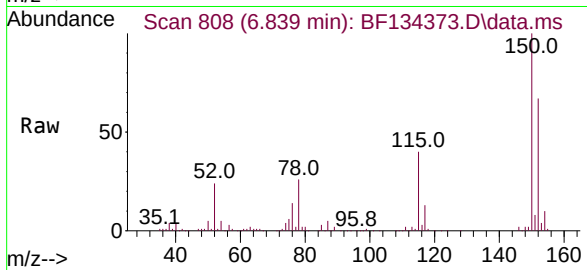
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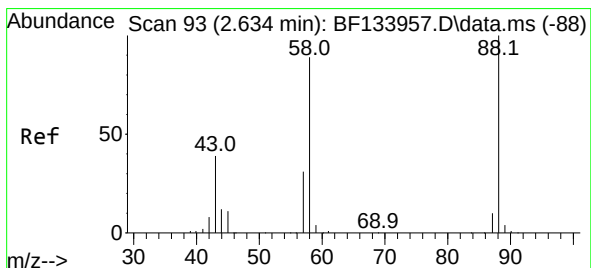
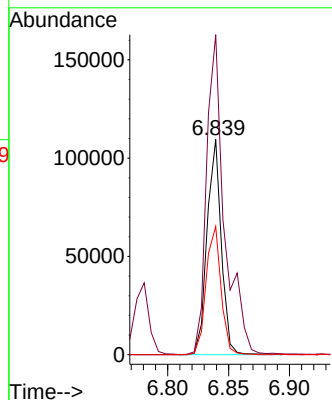
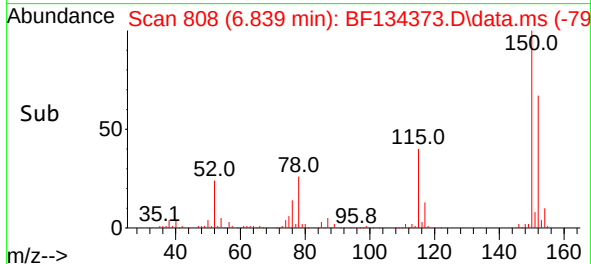


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.839 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF134373.D
 Acq: 19 Jul 2023 23:04

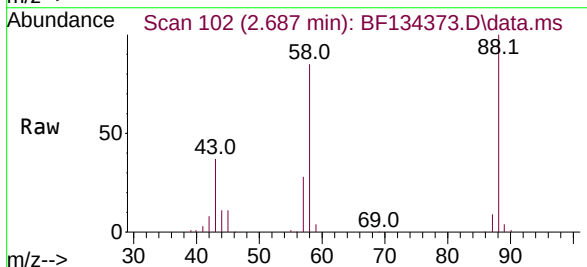
Instrument :
 BNA_F
 ClientSampleId :



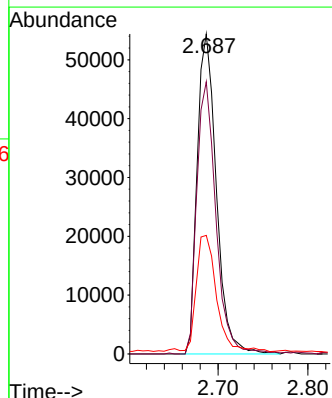
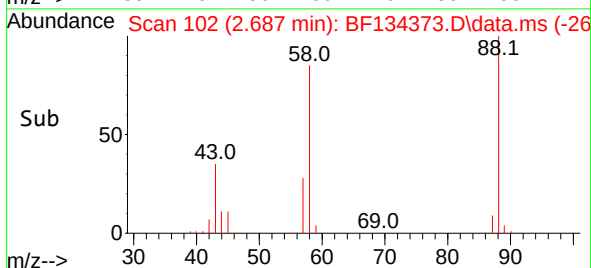
Tgt Ion:152 Resp: 89062
 Ion Ratio Lower Upper
 152 100
 150 148.7 124.5 186.7
 115 59.5 50.2 75.2

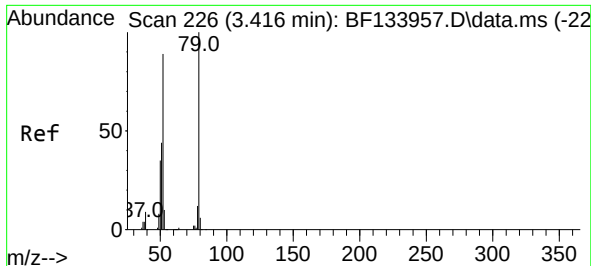


#2
 1,4-Dioxane
 Concen: 36.746 ng
 RT: 2.687 min Scan# 102
 Delta R.T. 0.094 min
 Lab File: BF134373.D
 Acq: 19 Jul 2023 23:04



Tgt Ion: 88 Resp: 80670
 Ion Ratio Lower Upper
 88 100
 58 85.2 68.8 103.2
 43 38.9 30.7 46.1





#3

Pyridine

Concen: 36.490 ng

RT: 3.463 min Scan# 21

Delta R.T. 0.082 min

Lab File: BF134373.D

Acq: 19 Jul 2023 23:04

Instrument :

BNA_F

ClientSampleId :

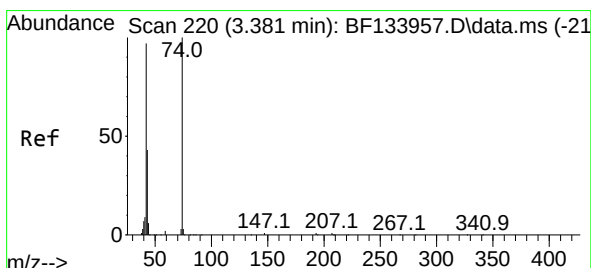
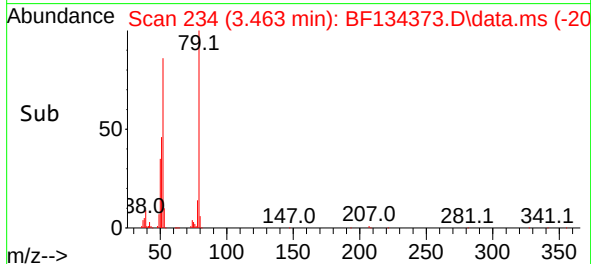
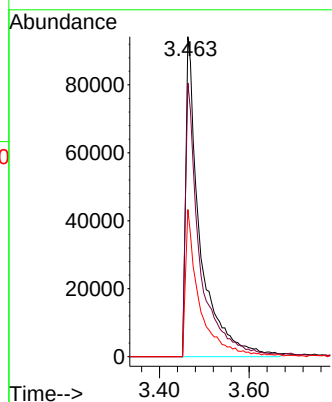
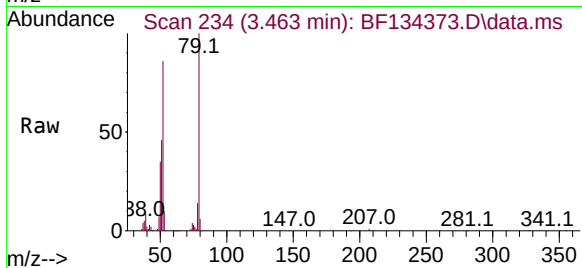
Tgt Ion: 79 Resp: 208659

Ion Ratio Lower Upper

79 100

52 85.6 71.1 106.7

51 46.0 35.2 52.8



#4

n-Nitrosodimethylamine

Concen: 40.729 ng

RT: 3.434 min Scan# 229

Delta R.T. 0.094 min

Lab File: BF134373.D

Acq: 19 Jul 2023 23:04

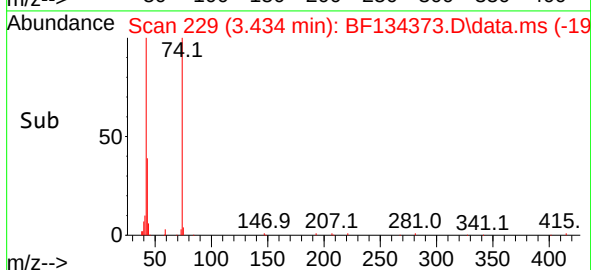
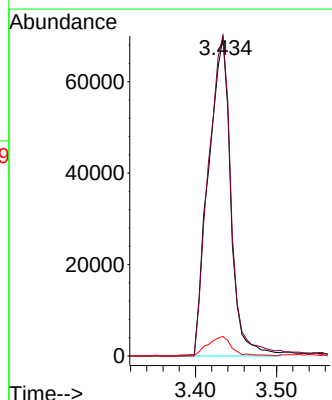
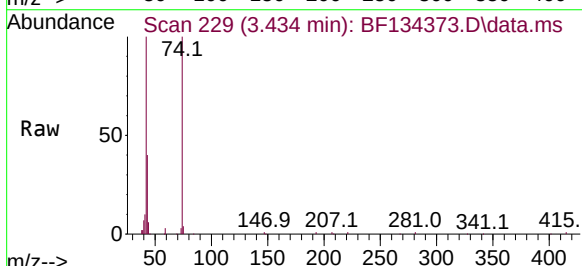
Tgt Ion: 42 Resp: 133018

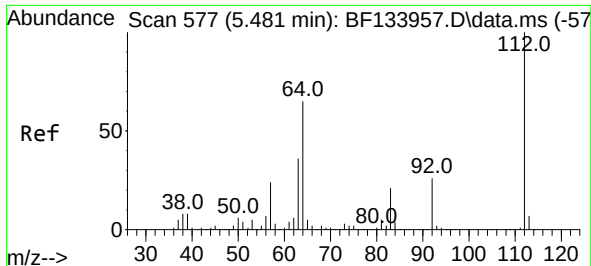
Ion Ratio Lower Upper

42 100

74 100.4 82.4 123.6

44 6.1 4.9 7.3

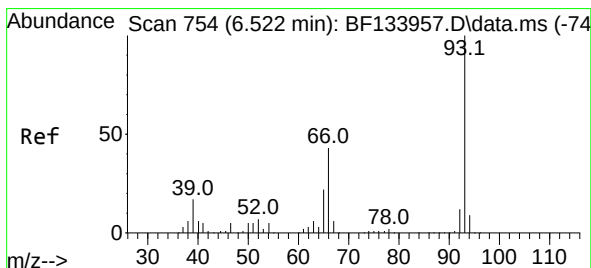
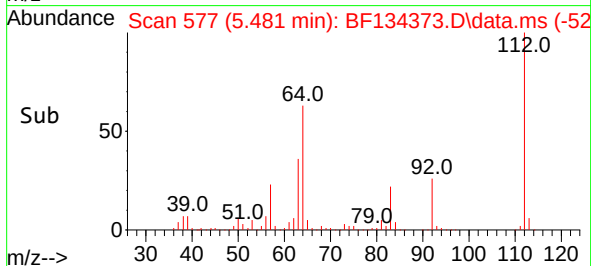
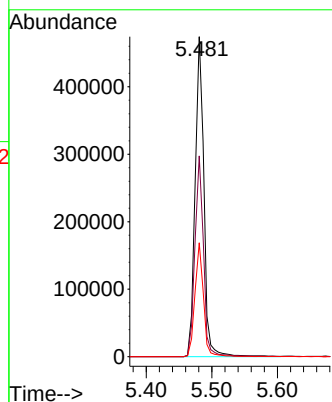
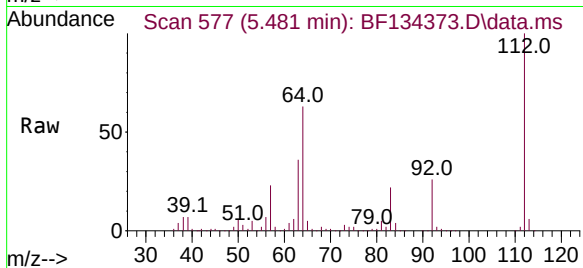




#5
2-Fluorophenol
Concen: 82.832 ng
RT: 5.481 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

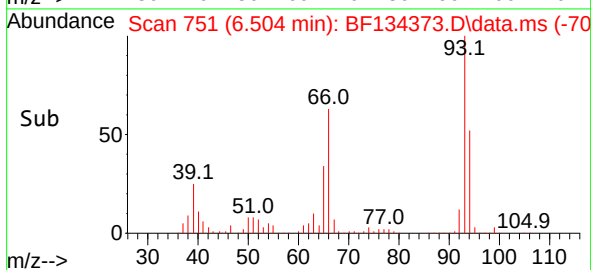
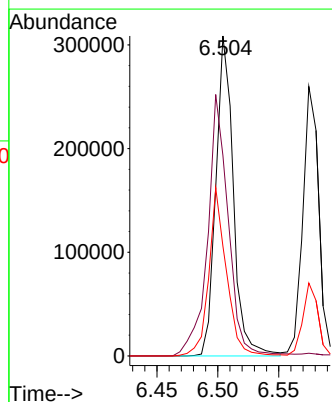
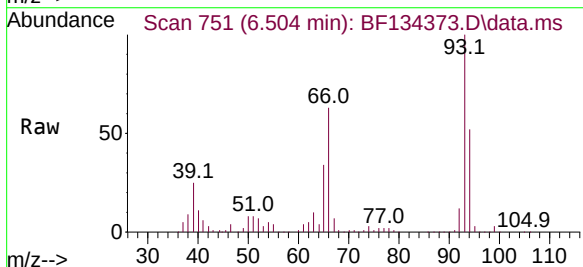
Instrument :
BNA_F
ClientSampleId :

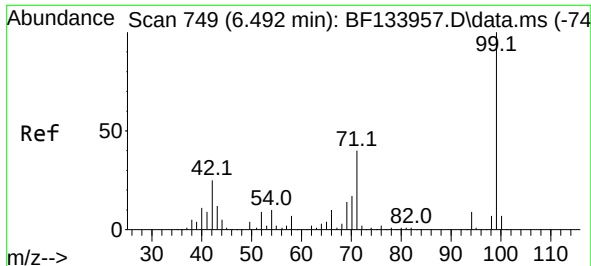
Tgt Ion:112 Resp: 441016
Ion Ratio Lower Upper
112 100
64 62.7 52.1 78.1
63 35.6 28.6 42.8



#6
Aniline
Concen: 38.718 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

Tgt Ion: 93 Resp: 308498
Ion Ratio Lower Upper
93 100
66 62.6 34.5 51.7#
65 34.3 17.8 26.6#





#7

Phenol-d6

Concen: 80.621 ng

RT: 6.487 min Scan# 749

Delta R.T. -0.000 min

Lab File: BF134373.D

Acq: 19 Jul 2023 23:04

Instrument :

BNA_F

ClientSampleId :

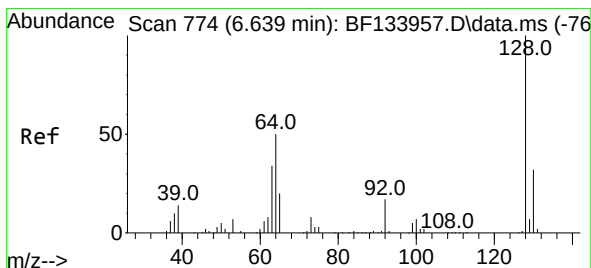
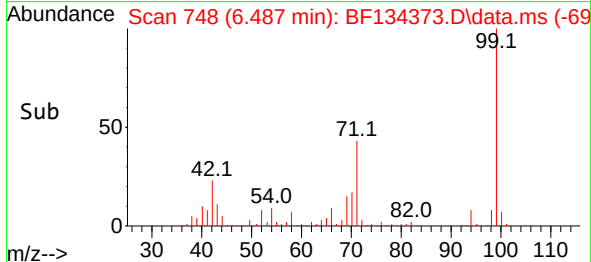
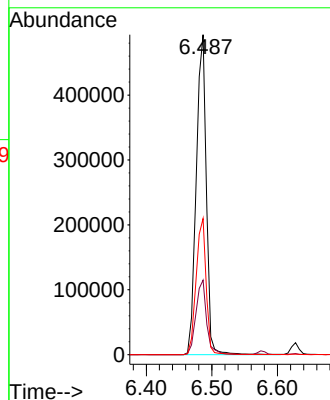
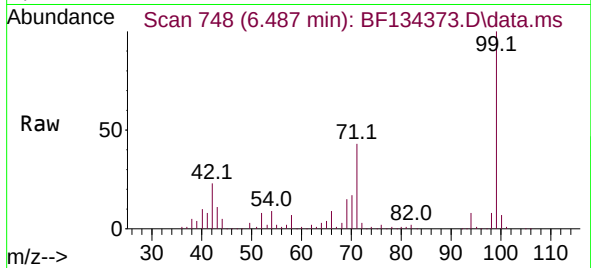
Tgt Ion: 99 Resp: 527887

Ion Ratio Lower Upper

99 100

42 23.3 19.8 29.6

71 42.6 31.9 47.9



#8

2-Chlorophenol

Concen: 46.068 ng

RT: 6.628 min Scan# 772

Delta R.T. -0.006 min

Lab File: BF134373.D

Acq: 19 Jul 2023 23:04

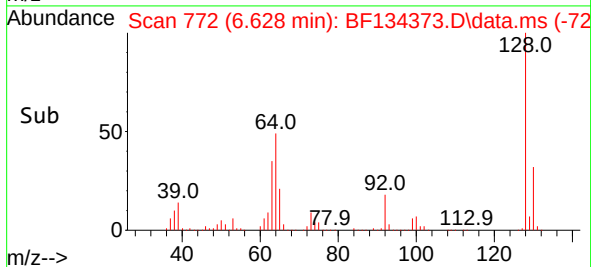
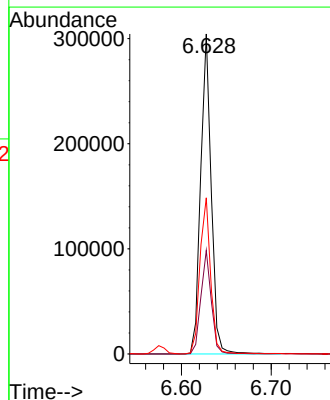
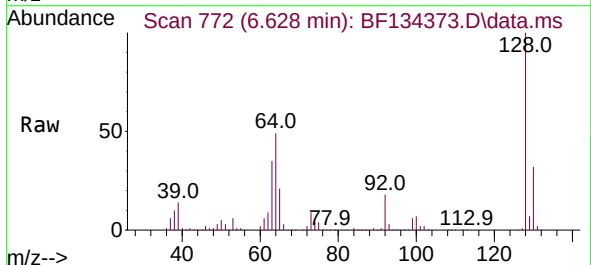
Tgt Ion:128 Resp: 248988

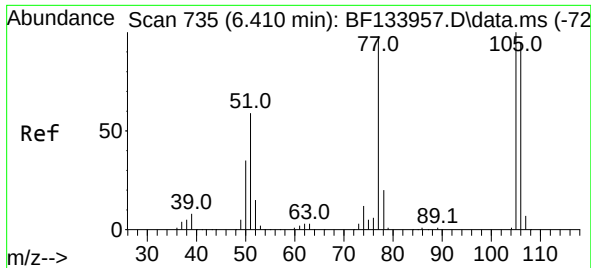
Ion Ratio Lower Upper

128 100

130 32.4 11.7 51.7

64 48.8 31.3 71.3





#9

Benzaldehyde

Concen: 41.206 ng

RT: 6.392 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF134373.D

Acq: 19 Jul 2023 23:04

Instrument :

BNA_F

ClientSampleId :

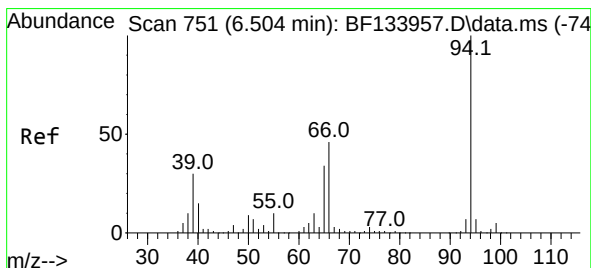
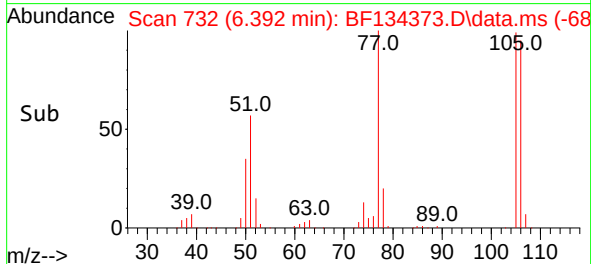
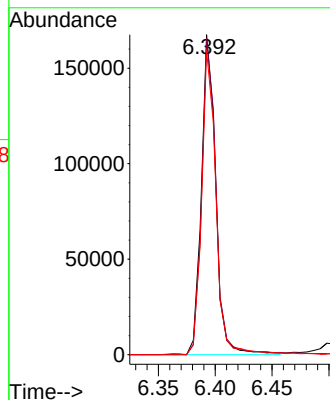
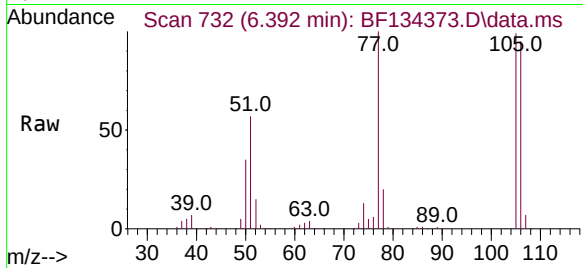
Tgt Ion: 77 Resp: 147080

Ion Ratio Lower Upper

77 100

105 98.9 82.0 122.0

106 95.1 76.9 116.9



#10

Phenol

Concen: 44.102 ng

RT: 6.498 min Scan# 750

Delta R.T. -0.000 min

Lab File: BF134373.D

Acq: 19 Jul 2023 23:04

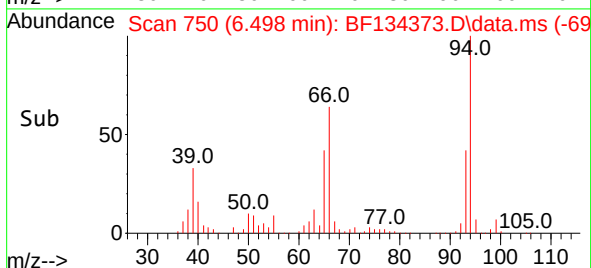
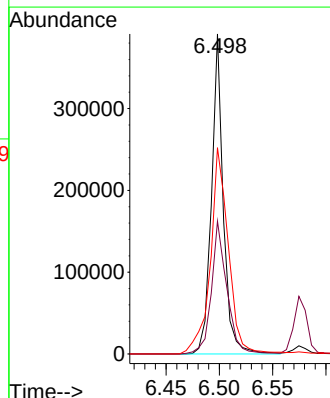
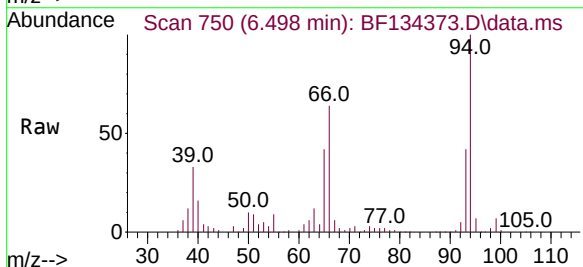
Tgt Ion: 94 Resp: 303617

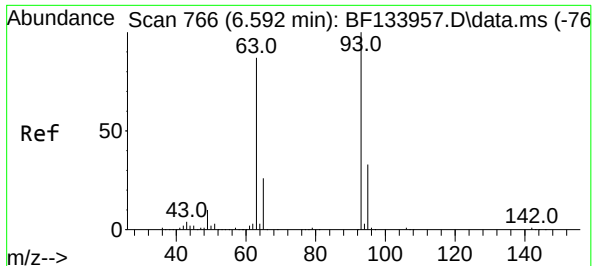
Ion Ratio Lower Upper

94 100

65 41.5 14.2 54.2

66 64.4 26.4 66.4

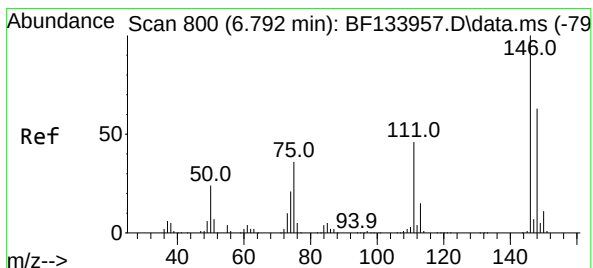
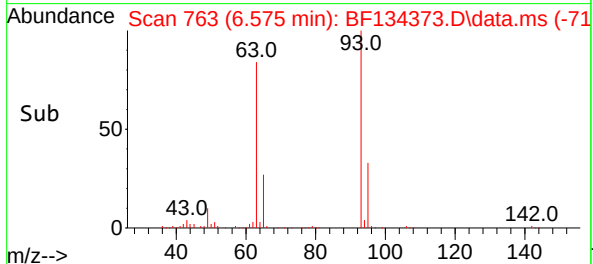
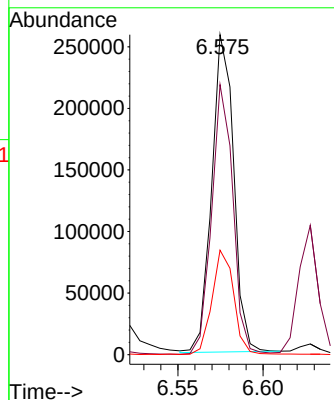
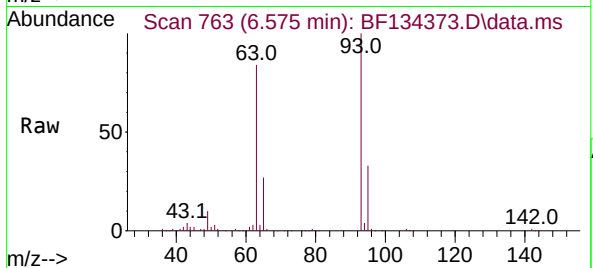




#11
bis(2-Chloroethyl)ether
Concen: 45.605 ng
RT: 6.575 min Scan# 701
Delta R.T. -0.012 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

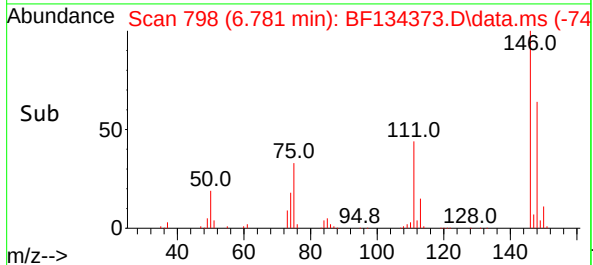
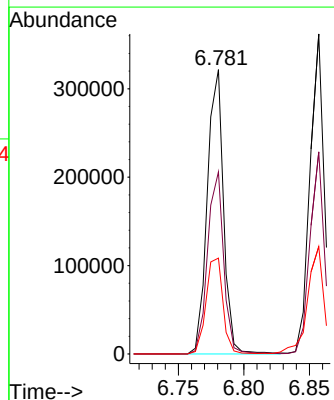
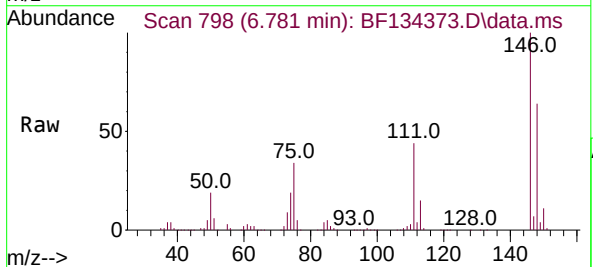
Instrument :
BNA_F
ClientSampleId :

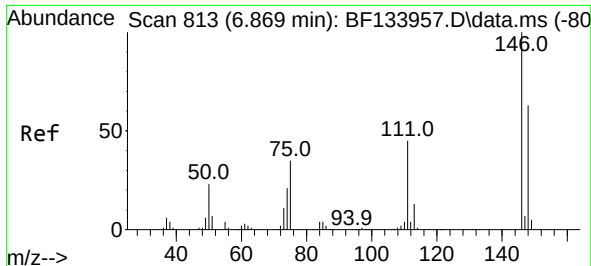
Tgt Ion: 93 Resp: 231151
Ion Ratio Lower Upper
93 100
63 84.4 66.5 106.5
95 32.7 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 48.253 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

Tgt Ion:146 Resp: 278037
Ion Ratio Lower Upper
146 100
148 64.1 50.5 75.7
75 33.7 29.0 43.6





#13

1,4-Dichlorobenzene

Concen: 47.887 ng

RT: 6.857 min Scan# 813

Delta R.T. -0.006 min

Lab File: BF134373.D

Acq: 19 Jul 2023 23:04

Instrument :

BNA_F

ClientSampleId :

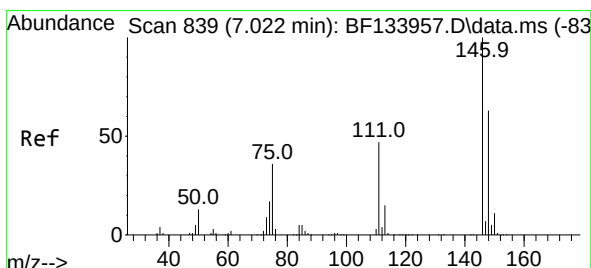
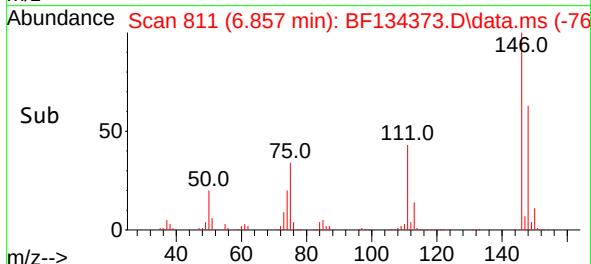
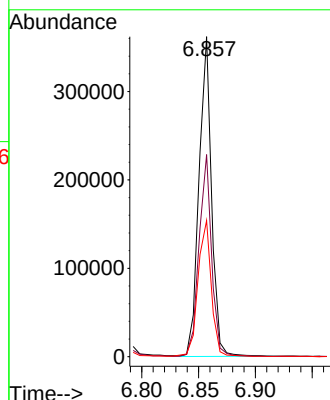
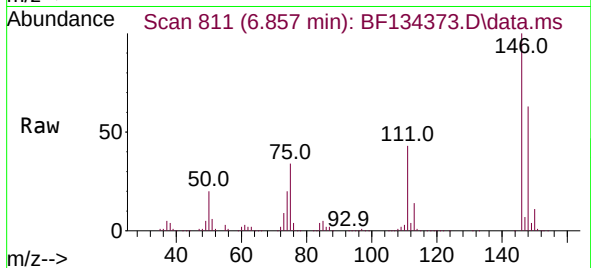
Tgt Ion:146 Resp: 278700

Ion Ratio Lower Upper

146 100

148 63.2 50.2 75.2

111 42.6 35.8 53.6



#14

1,2-Dichlorobenzene

Concen: 48.843 ng

RT: 7.004 min Scan# 836

Delta R.T. -0.012 min

Lab File: BF134373.D

Acq: 19 Jul 2023 23:04

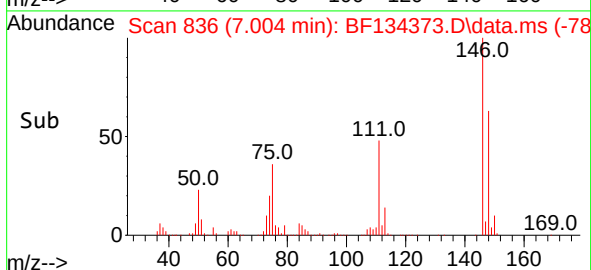
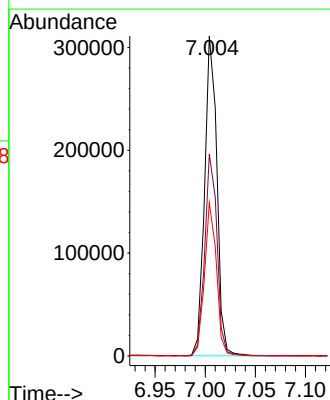
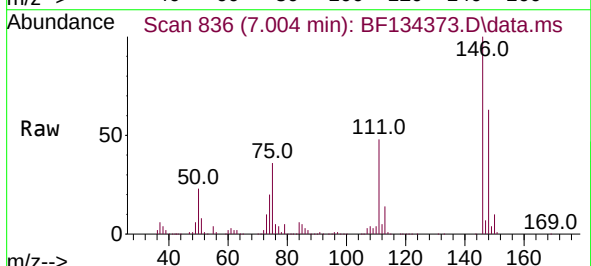
Tgt Ion:146 Resp: 266224

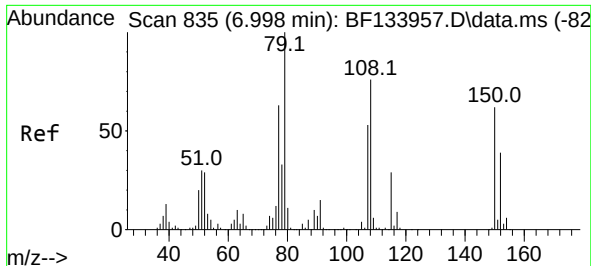
Ion Ratio Lower Upper

146 100

148 63.1 50.6 76.0

111 47.9 38.0 57.0

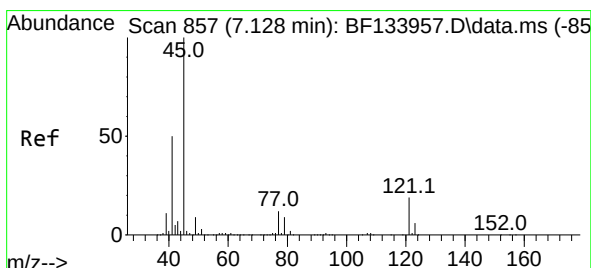
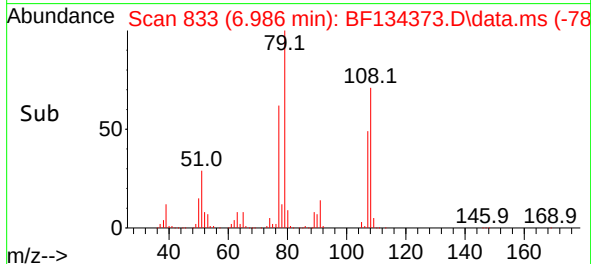
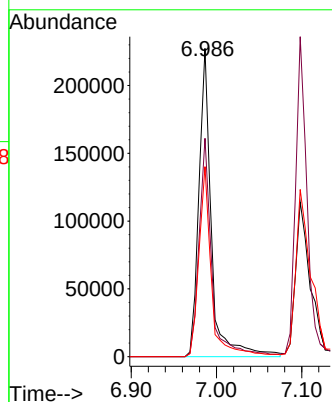
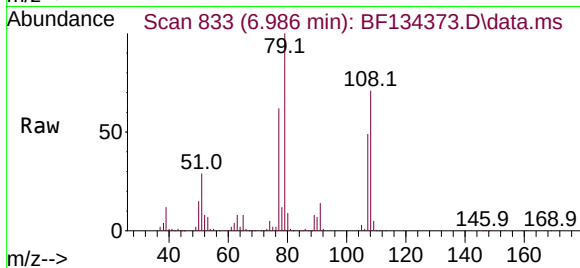




#15
Benzyl Alcohol
Concen: 45.981 ng
RT: 6.986 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

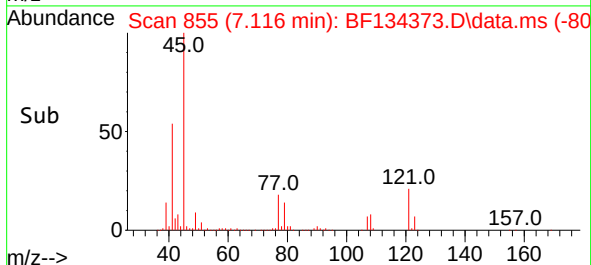
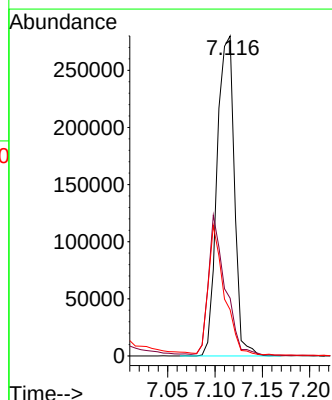
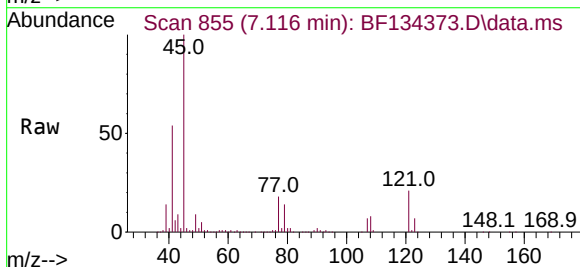
Instrument :
BNA_F
ClientSampleId :

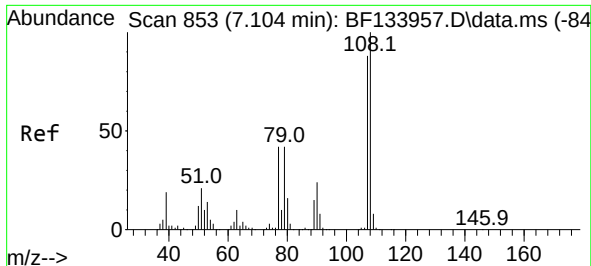
Tgt Ion: 79 Resp: 232098
Ion Ratio Lower Upper
79 100
108 70.8 60.7 91.1
77 61.7 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.643 ng
RT: 7.116 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

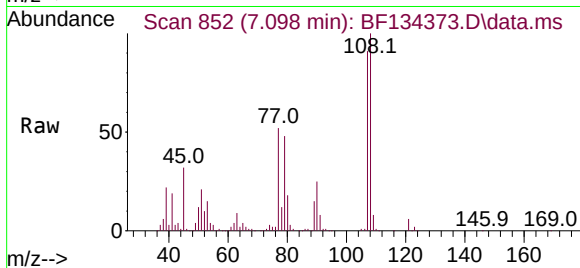
Tgt Ion: 45 Resp: 355469
Ion Ratio Lower Upper
45 100
77 18.1 0.0 32.9
79 14.4 0.0 29.5



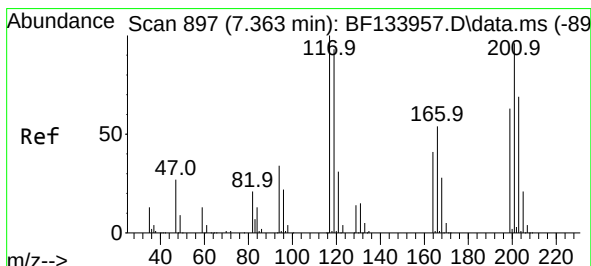
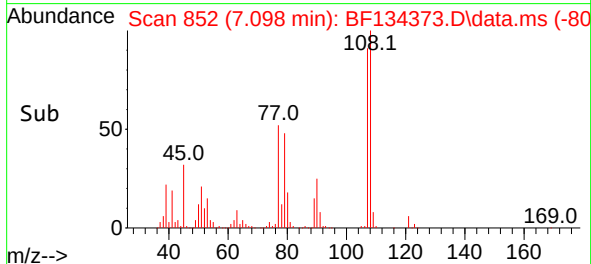
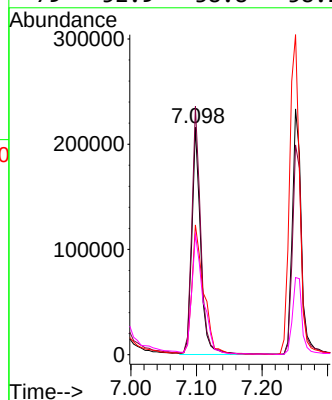


#17
2-Methylphenol
Concen: 41.770 ng
RT: 7.098 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

Instrument :
BNA_F
ClientSampleId :

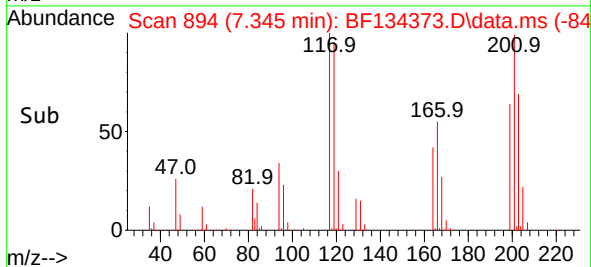
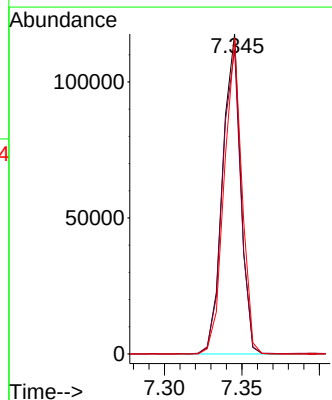
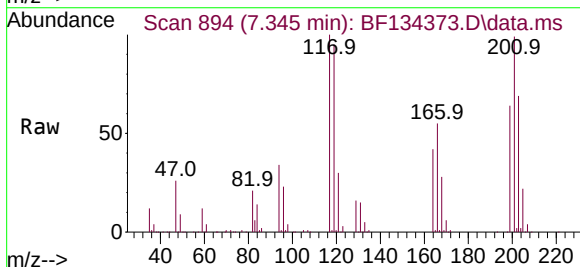


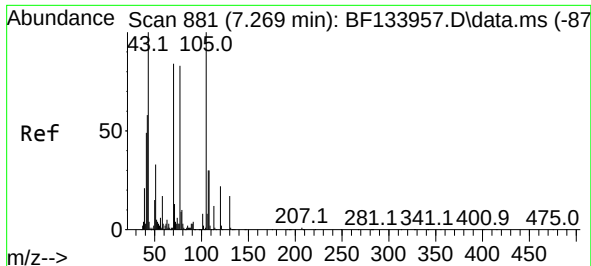
Tgt Ion:107	Resp: 202160
Ion Ratio	Lower Upper
107	100
108	109.3 90.6 136.0
77	57.1 38.3 57.5
79	52.9 38.8 58.2



#18
Hexachloroethane
Concen: 44.216 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

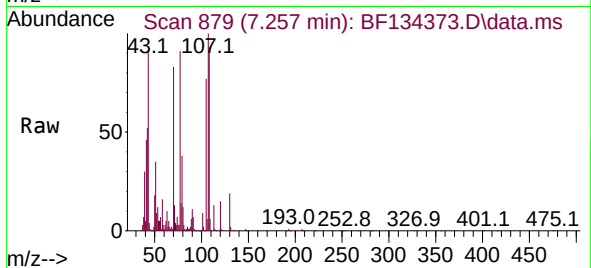
Tgt Ion:117	Resp: 95417
Ion Ratio	Lower Upper
117	100
119	95.1 74.2 111.4
201	98.8 77.2 115.8



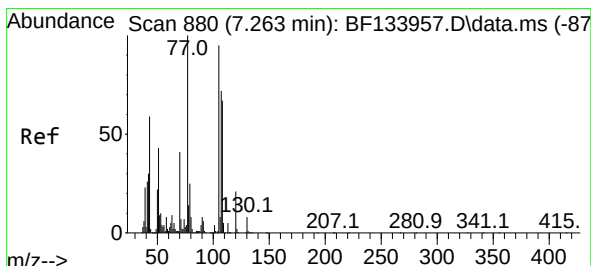
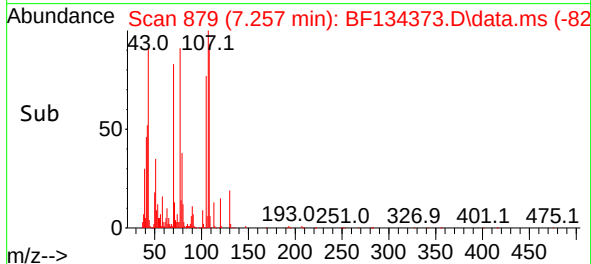
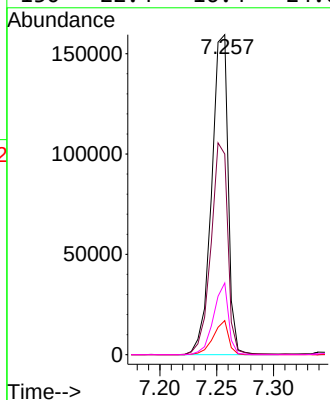


#19
n-Nitroso-di-n-propylamine
Concen: 38.947 ng
RT: 7.257 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

Instrument :
BNA_F
ClientSampleId :

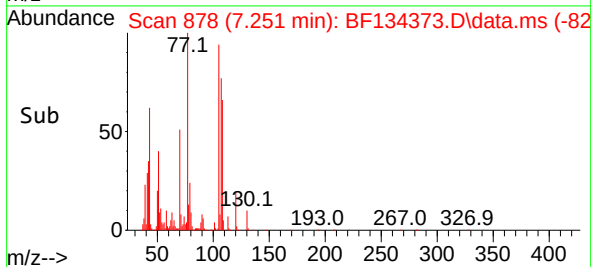
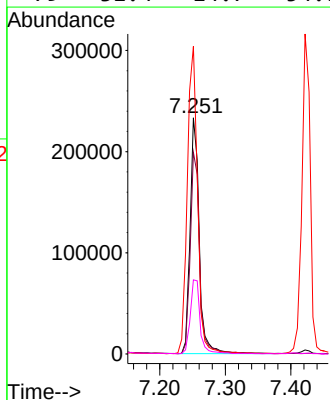
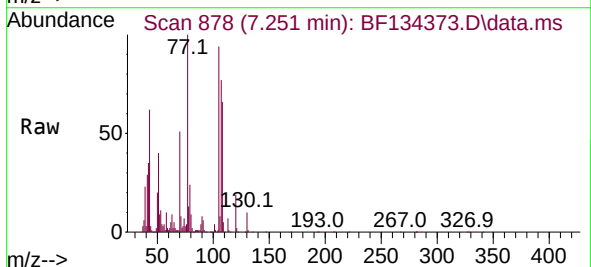


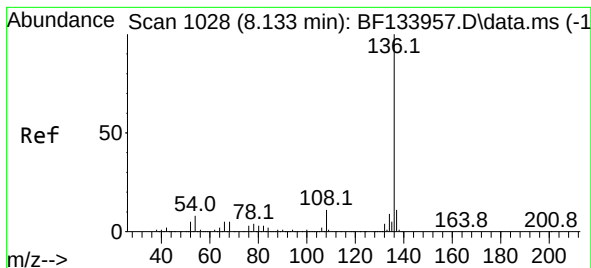
Tgt Ion: 70 Resp: 161724
Ion Ratio Lower Upper
70 100
42 62.7 54.7 82.1
101 10.6 7.7 11.5
130 22.4 16.4 24.6



#20
3+4-Methylphenols
Concen: 38.465 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

Tgt Ion: 107 Resp: 225847
Ion Ratio Lower Upper
107 100
108 85.4 73.2 113.2
77 130.2 118.3 158.3
79 31.4 14.7 54.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.116 min Scan# 1025

Delta R.T. -0.006 min

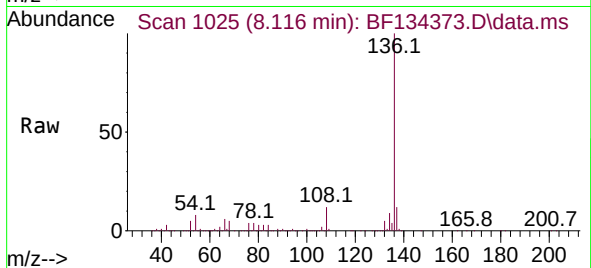
Lab File: BF134373.D

Acq: 19 Jul 2023 23:04

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 322215

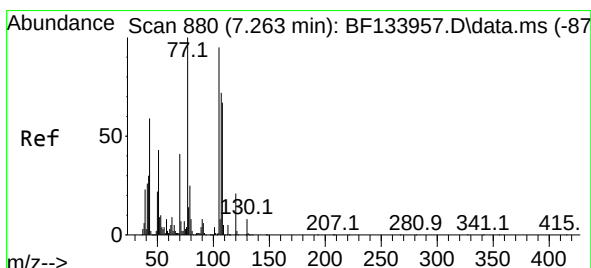
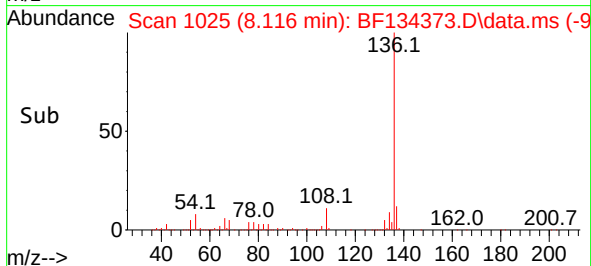
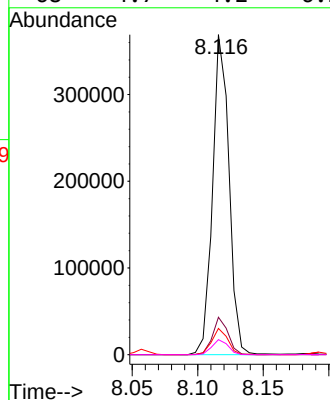
Ion Ratio Lower Upper

136 100

137 11.7 8.6 12.8

54 8.2 6.5 9.7

68 4.7 4.2 6.2



#22

Acetophenone

Concen: 43.166 ng

RT: 7.251 min Scan# 878

Delta R.T. -0.006 min

Lab File: BF134373.D

Acq: 19 Jul 2023 23:04

Tgt Ion:105 Resp: 316321

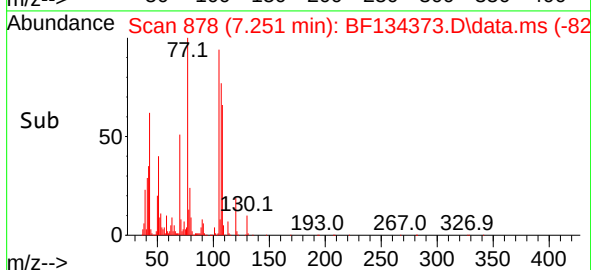
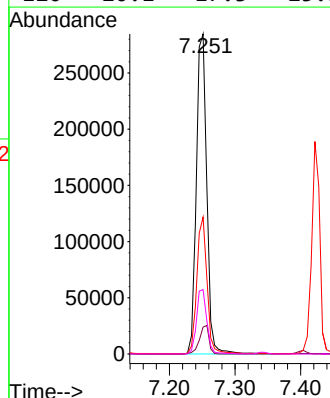
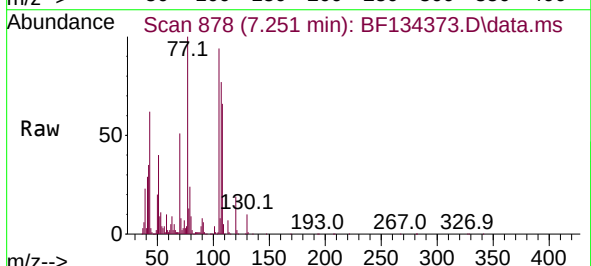
Ion Ratio Lower Upper

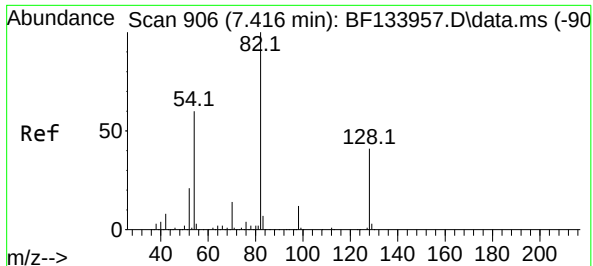
105 100

71 8.4 5.5 8.3#

51 42.7 36.5 54.7

120 20.1 17.3 25.9





#23

Nitrobenzene-d5

Concen: 58.819 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

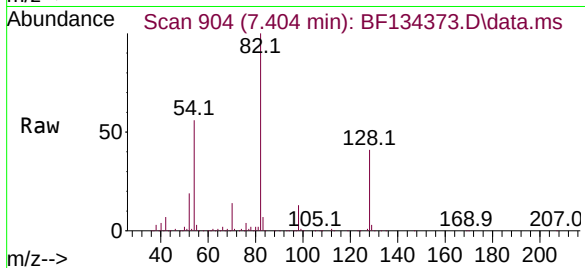
Lab File: BF134373.D

Acq: 19 Jul 2023 23:04

Instrument :

BNA_F

ClientSampleId :



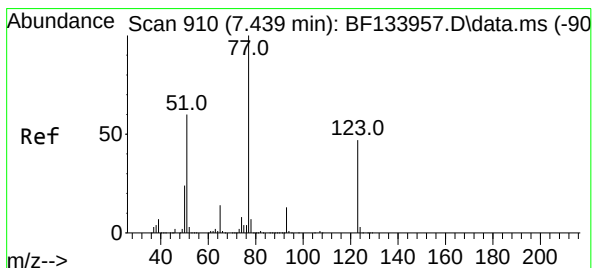
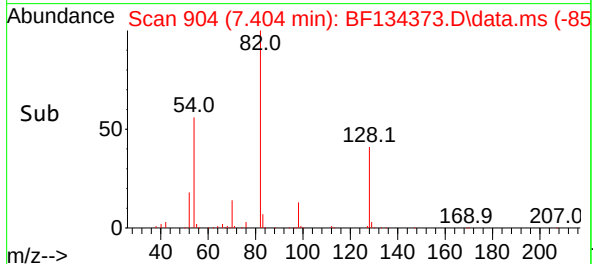
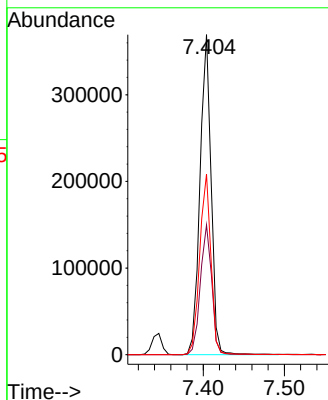
Tgt Ion: 82 Resp: 351585

Ion Ratio Lower Upper

82 100

128 40.5 32.5 48.7

54 56.5 48.2 72.2



#24

Nitrobenzene

Concen: 45.983 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF134373.D

Acq: 19 Jul 2023 23:04

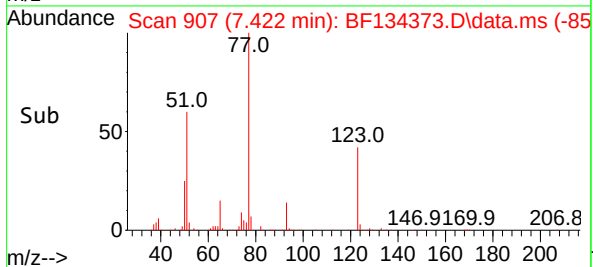
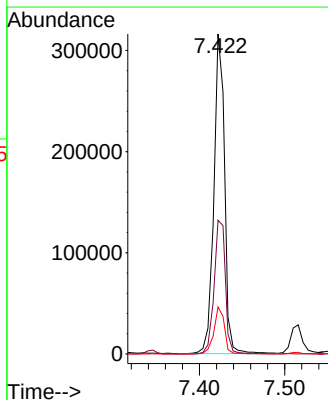
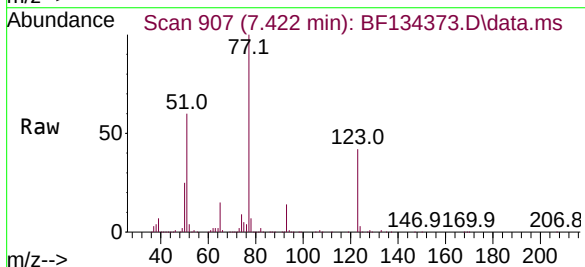
Tgt Ion: 77 Resp: 277751

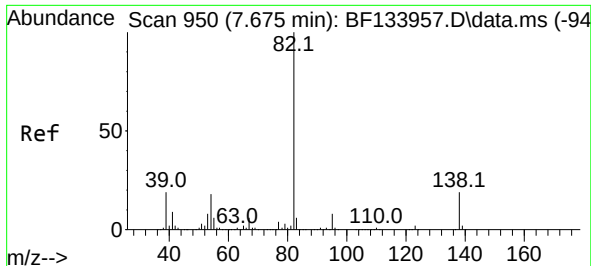
Ion Ratio Lower Upper

77 100

123 41.8 37.8 56.6

65 14.7 11.3 16.9

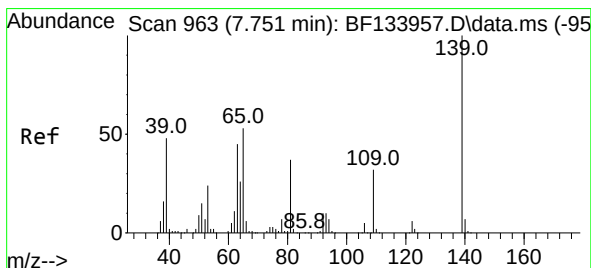
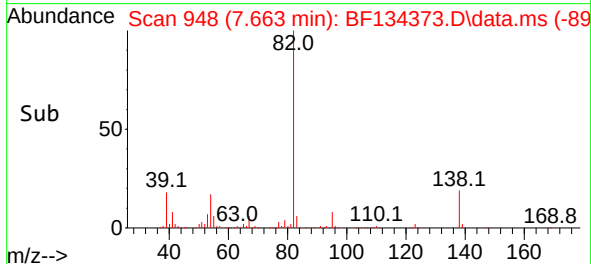
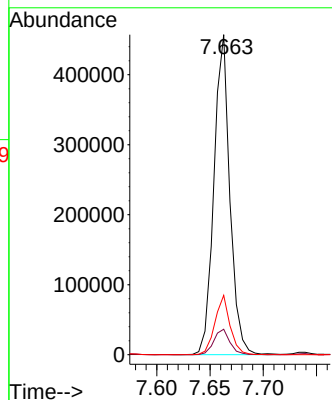
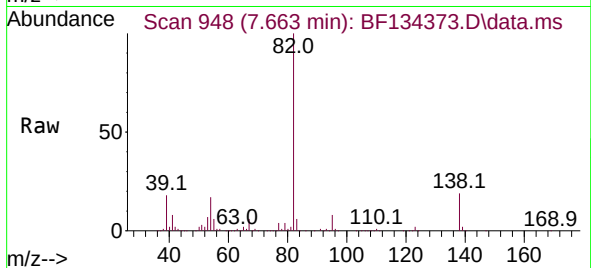




#25
Isophorone
Concen: 43.876 ng
RT: 7.663 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

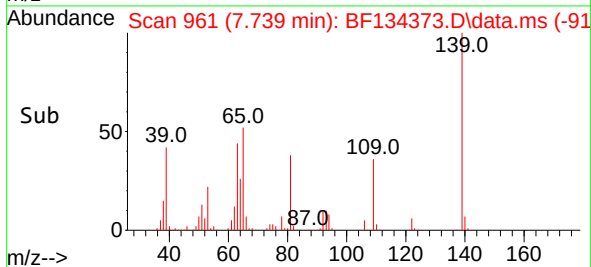
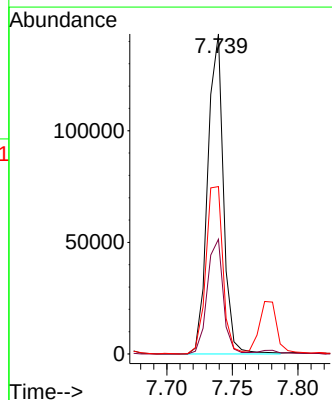
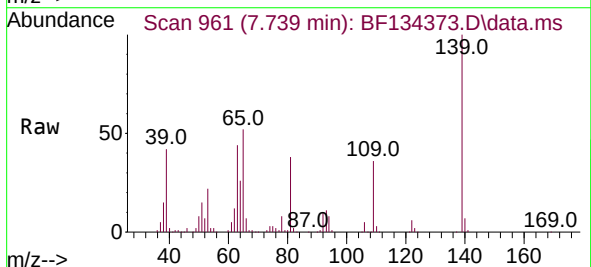
Instrument :
BNA_F
ClientSampleId :

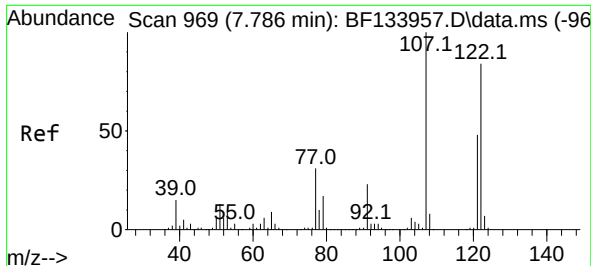
Tgt Ion: 82 Resp: 476652
Ion Ratio Lower Upper
82 100
95 7.9 6.1 9.1
138 18.6 15.2 22.8



#26
2-Nitrophenol
Concen: 41.401 ng
RT: 7.739 min Scan# 961
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

Tgt Ion:139 Resp: 119966
Ion Ratio Lower Upper
139 100
109 35.9 25.8 38.8
65 52.3 42.4 63.6





#27

2,4-Dimethylphenol

Concen: 39.196 ng

RT: 7.781 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF134373.D

Acq: 19 Jul 2023 23:04

Instrument :

BNA_F

ClientSampleId :

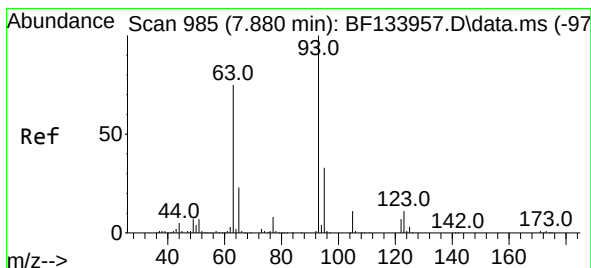
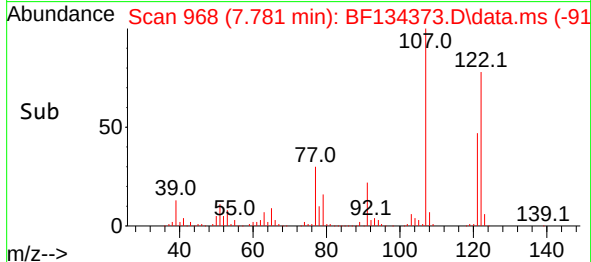
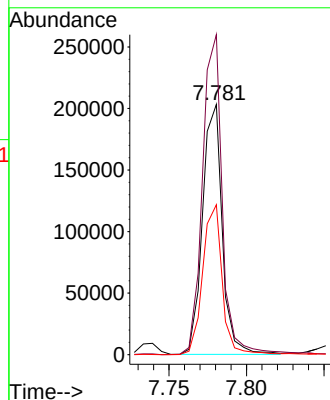
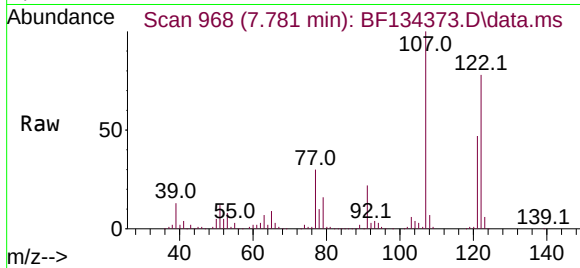
Tgt Ion:122 Resp: 179781

Ion Ratio Lower Upper

122 100

107 127.9 95.5 143.3

121 59.9 45.5 68.3



#28

bis(2-Chloroethoxy)methane

Concen: 40.174 ng

RT: 7.869 min Scan# 983

Delta R.T. -0.006 min

Lab File: BF134373.D

Acq: 19 Jul 2023 23:04

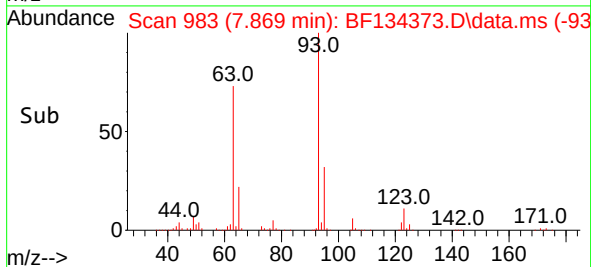
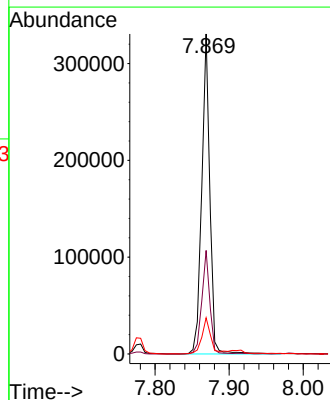
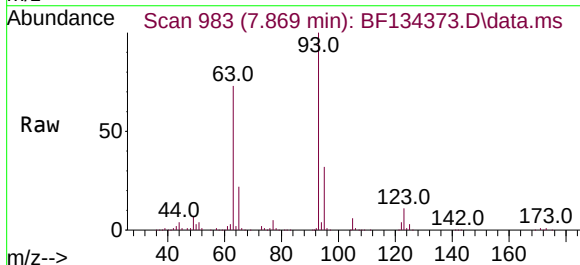
Tgt Ion: 93 Resp: 252709

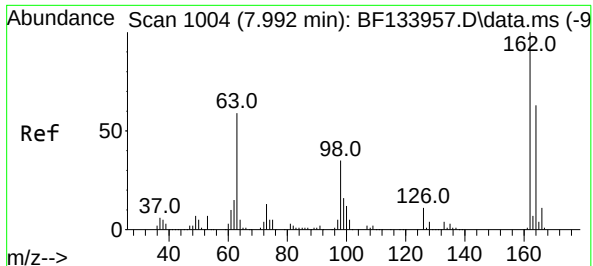
Ion Ratio Lower Upper

93 100

95 32.3 26.5 39.7

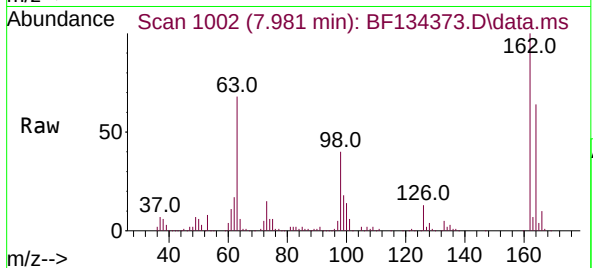
123 11.3 9.1 13.7



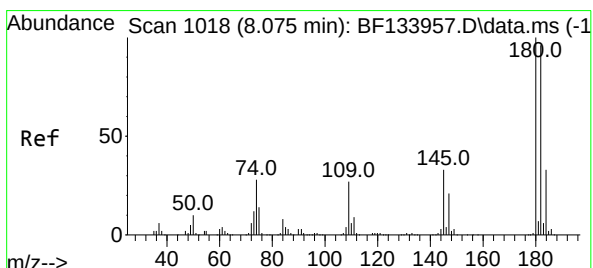
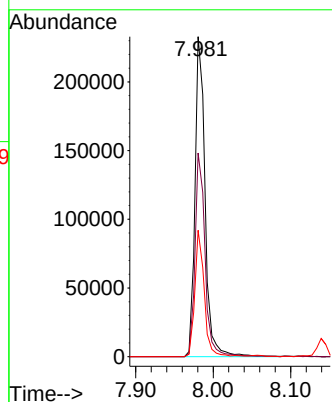
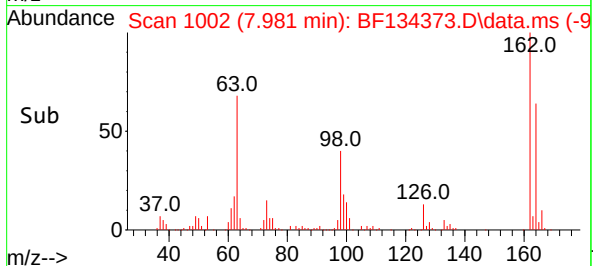


#29
2,4-Dichlorophenol
Concen: 46.290 ng
RT: 7.981 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

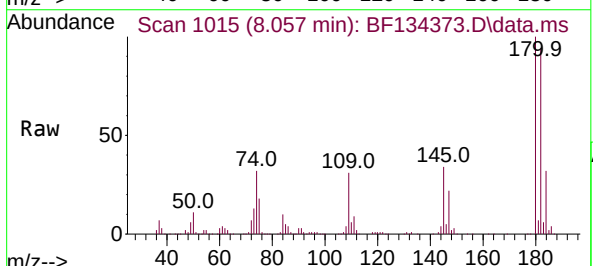
Instrument :
BNA_F
ClientSampleId :



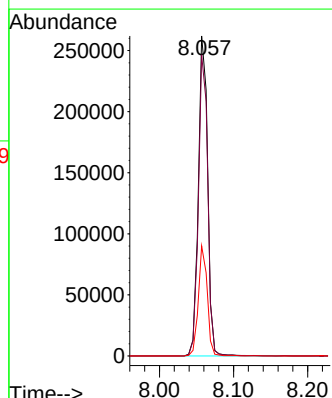
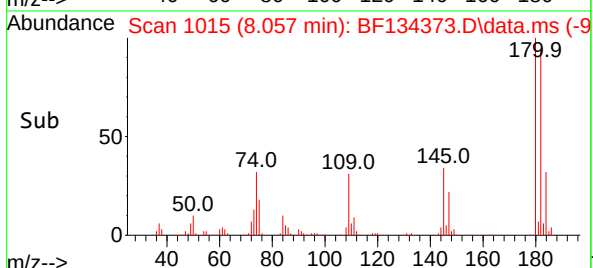
Tgt Ion:162 Resp: 210542
Ion Ratio Lower Upper
162 100
164 63.6 43.2 83.2
98 39.5 14.9 54.9

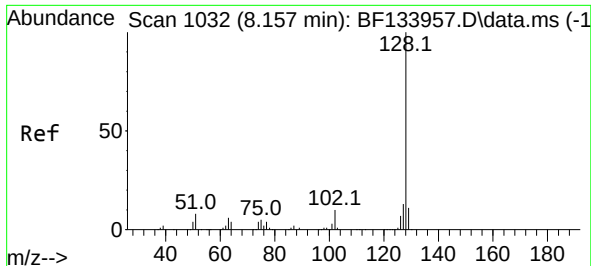


#30
1,2,4-Trichlorobenzene
Concen: 48.571 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04



Tgt Ion:180 Resp: 227951
Ion Ratio Lower Upper
180 100
182 94.1 77.1 115.7
145 34.4 26.0 39.0



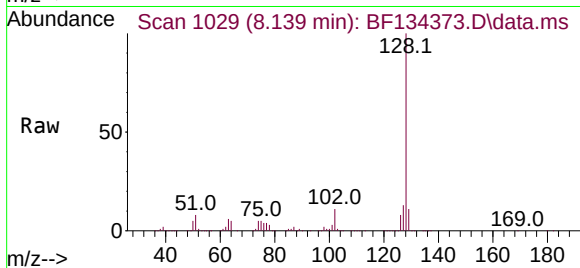


#31
Naphthalene
Concen: 43.002 ng
RT: 8.139 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

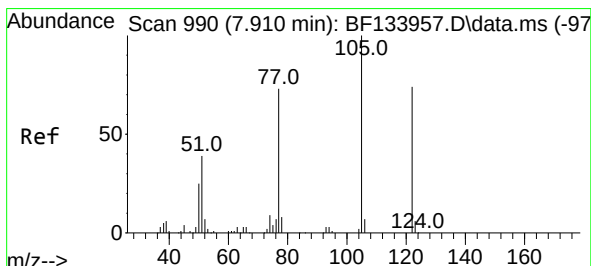
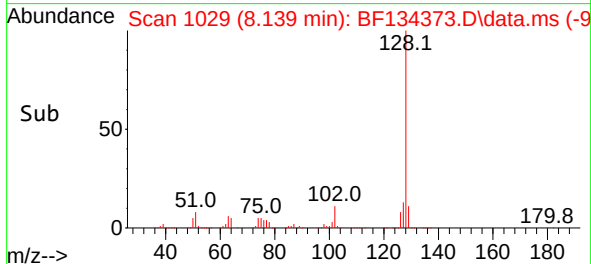
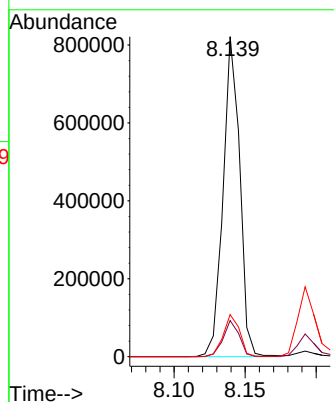
Instrument :

BNA_F

ClientSampleId :

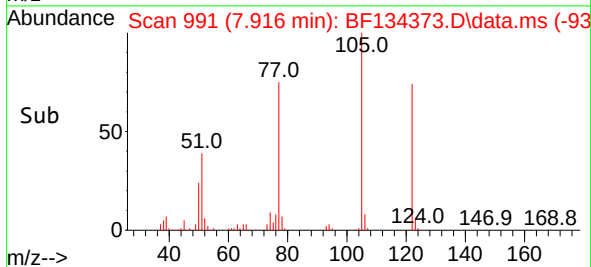
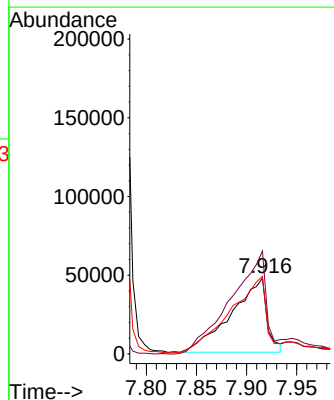
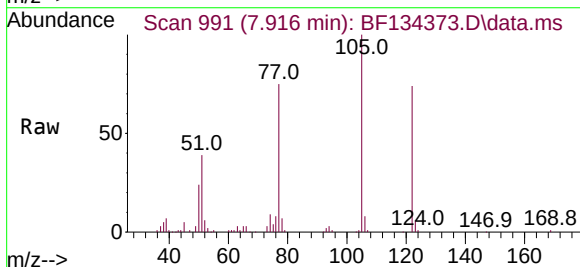


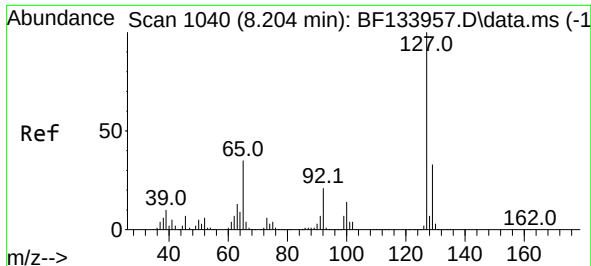
Tgt Ion:128 Resp: 669290
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.2 10.6 15.8



#32
Benzoic acid
Concen: 33.736 ng
RT: 7.916 min Scan# 991
Delta R.T. 0.012 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

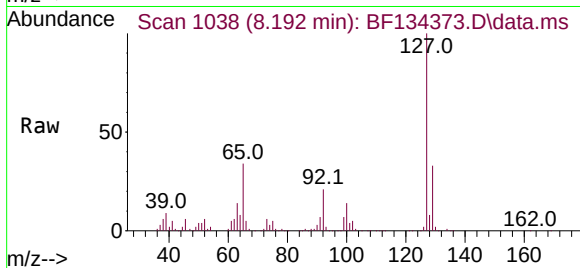
Tgt Ion:122 Resp: 115950
Ion Ratio Lower Upper
122 100
105 135.8 109.7 149.7
77 102.4 76.0 116.0



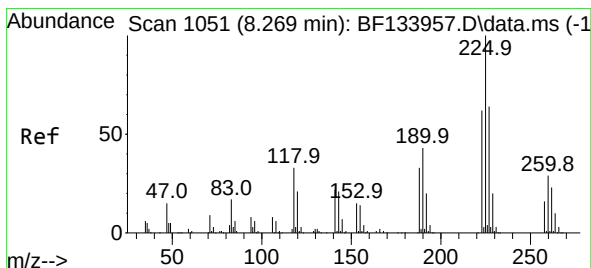
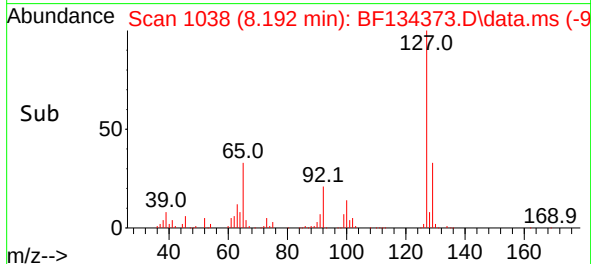
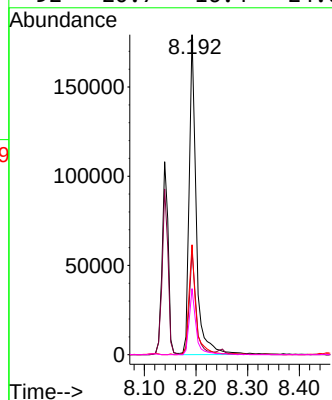


#33
4-Chloroaniline
Concen: 25.667 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

Instrument :
BNA_F
ClientSampleId :

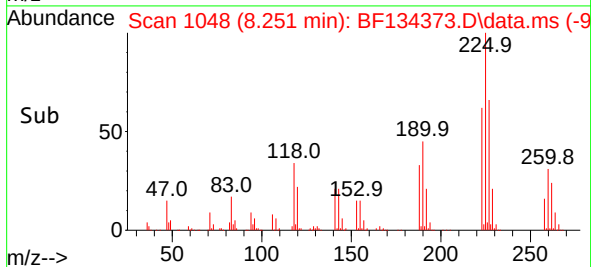
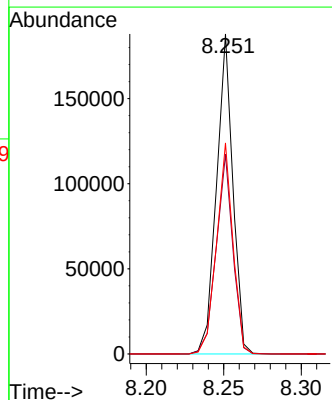
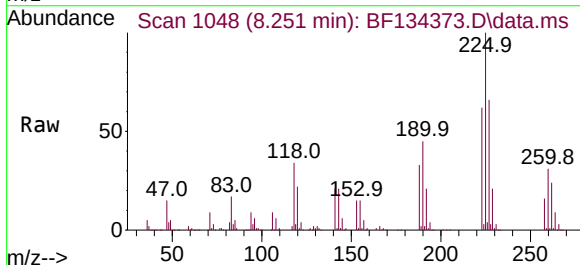


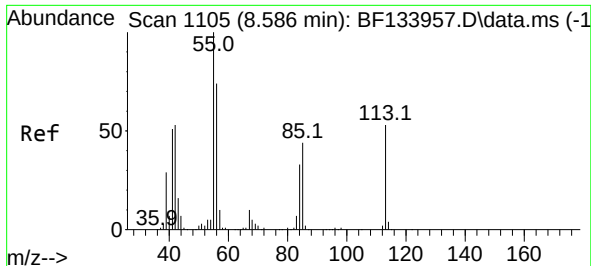
Tgt Ion:127 Resp: 170885
Ion Ratio Lower Upper
127 100
129 32.5 26.4 39.6
65 34.4 27.8 41.8
92 20.7 16.4 24.6



#34
Hexachlorobutadiene
Concen: 46.564 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

Tgt Ion:225 Resp: 137849
Ion Ratio Lower Upper
225 100
223 62.4 49.8 74.8
227 66.0 51.0 76.4

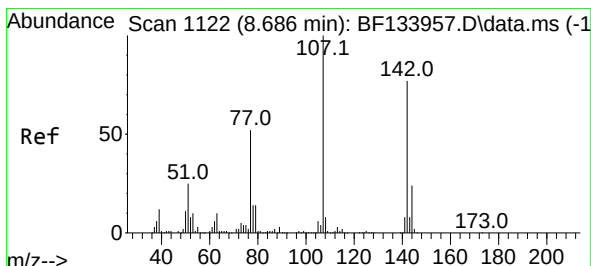
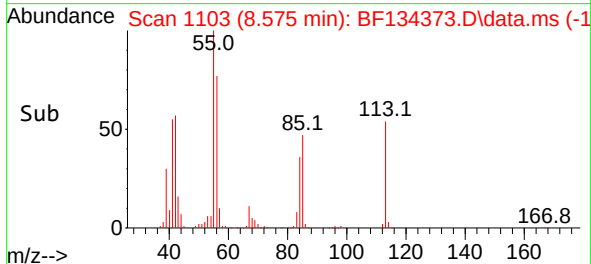
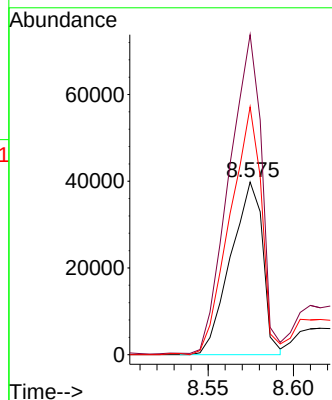
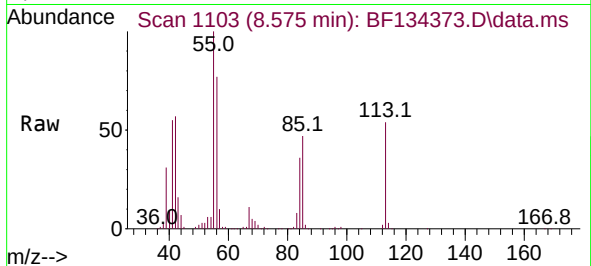




#35
 Caprolactam
 Concen: 34.760 ng
 RT: 8.575 min Scan# 1105
 Delta R.T. -0.000 min
 Lab File: BF134373.D
 Acq: 19 Jul 2023 23:04

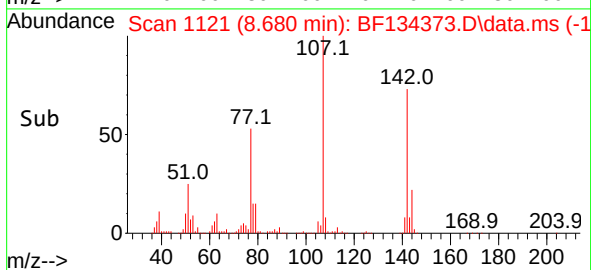
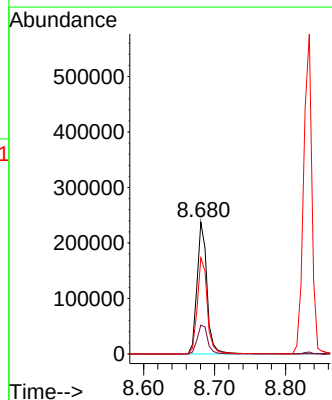
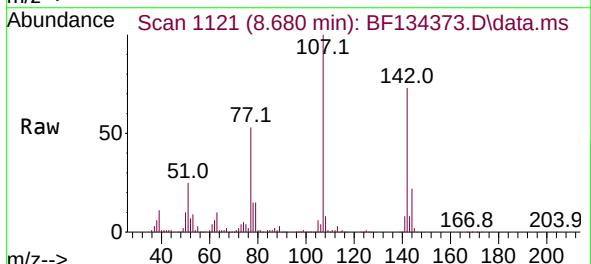
Instrument :
 BNA_F
 ClientSampleId :

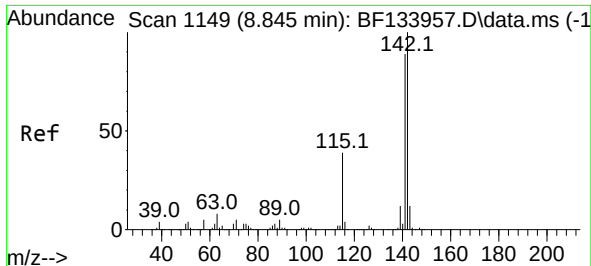
Tgt Ion:113 Resp: 52056
 Ion Ratio Lower Upper
 113 100
 55 185.3 170.2 210.2
 56 143.5 121.4 161.4



#36
 4-Chloro-3-methylphenol
 Concen: 45.456 ng
 RT: 8.680 min Scan# 1121
 Delta R.T. -0.000 min
 Lab File: BF134373.D
 Acq: 19 Jul 2023 23:04

Tgt Ion:107 Resp: 232262
 Ion Ratio Lower Upper
 107 100
 144 21.8 19.6 29.4
 142 72.9 61.4 92.2

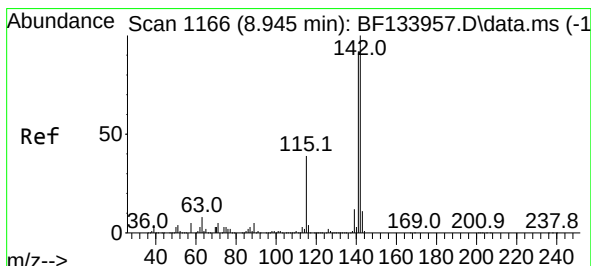
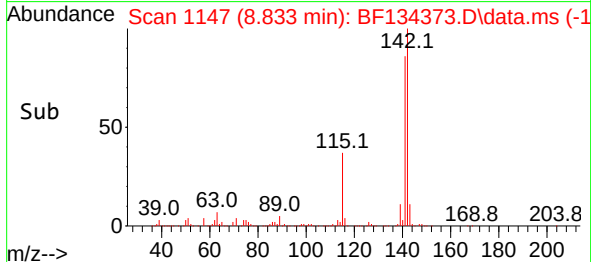
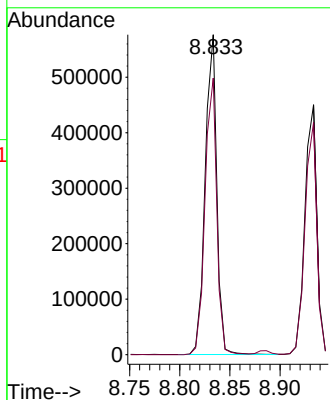
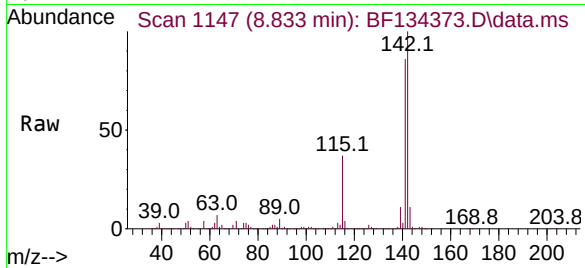




#37
2-Methylnaphthalene
Concen: 42.208 ng
RT: 8.833 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

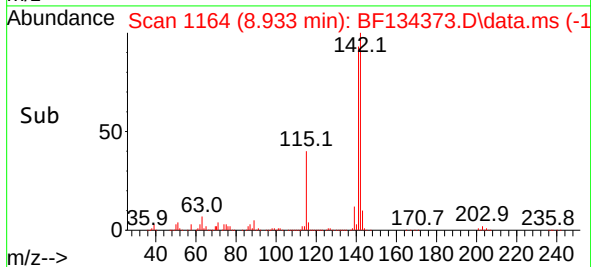
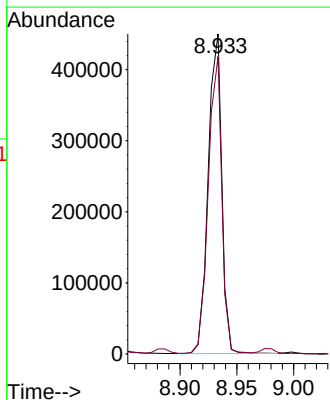
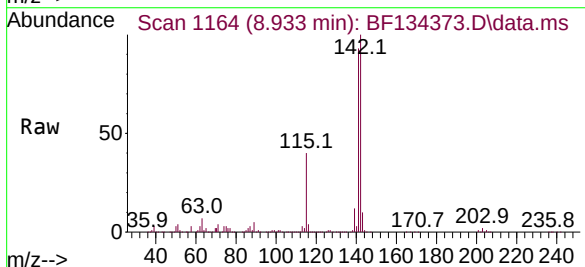
Instrument :
BNA_F
ClientSampleId :

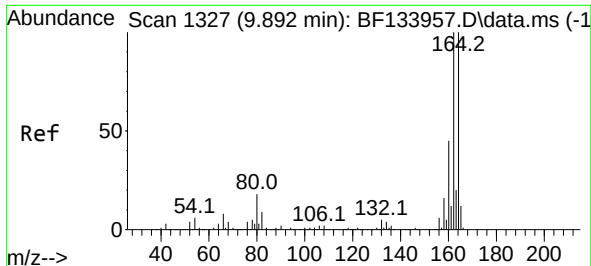
Tgt Ion:142 Resp: 464551
Ion Ratio Lower Upper
142 100
141 86.5 71.0 106.4



#38
1-Methylnaphthalene
Concen: 36.447 ng
RT: 8.933 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

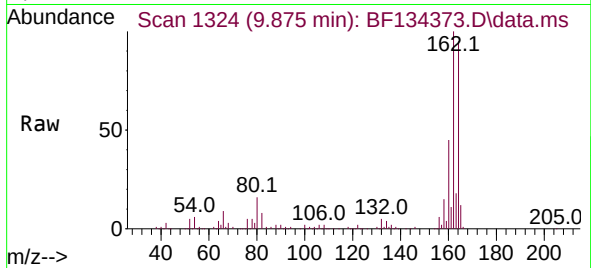
Tgt Ion:142 Resp: 372920
Ion Ratio Lower Upper
142 100
141 92.9 73.5 110.3



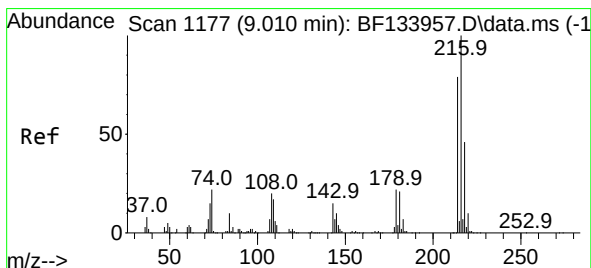
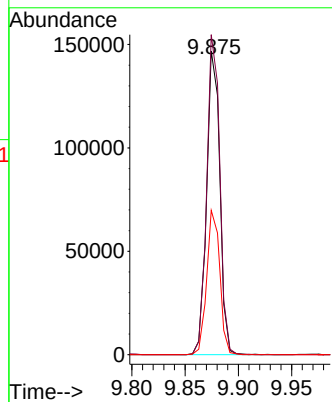
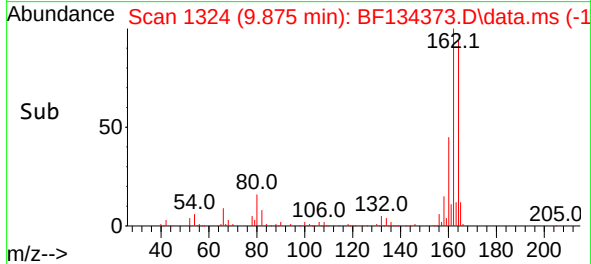


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

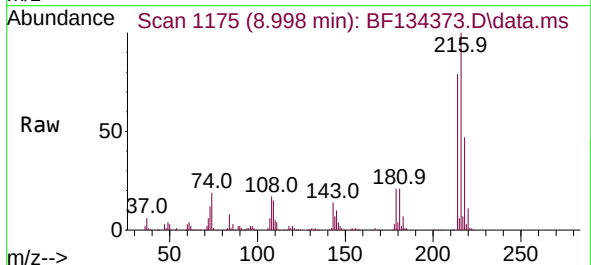
Instrument :
BNA_F
ClientSampleId :



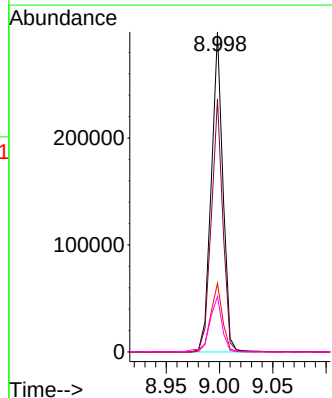
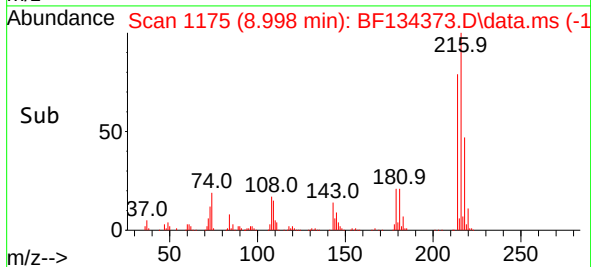
Tgt Ion:164 Resp: 126753
Ion Ratio Lower Upper
164 100
162 105.4 80.0 120.0
160 47.5 35.9 53.9

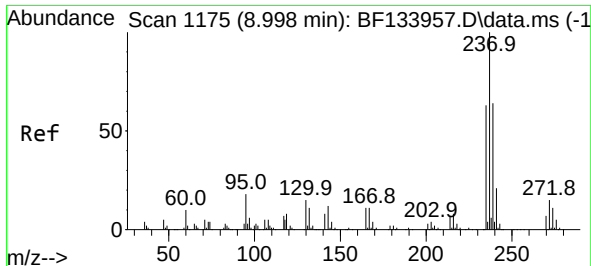


#40
1,2,4,5-Tetrachlorobenzene
Concen: 60.549 ng
RT: 8.998 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04



Tgt Ion:216 Resp: 227378
Ion Ratio Lower Upper
216 100
214 78.3 64.1 96.1
179 21.5 17.3 25.9
108 18.3 16.2 24.2

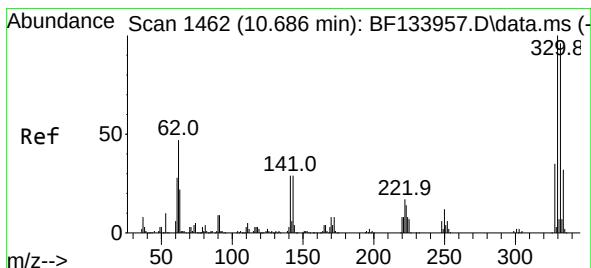
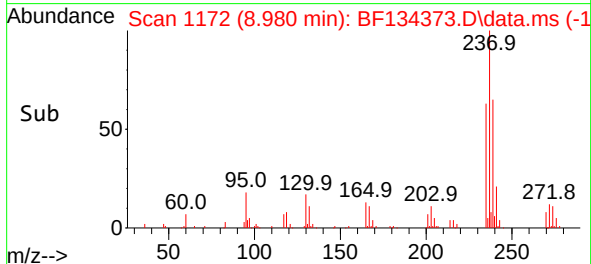
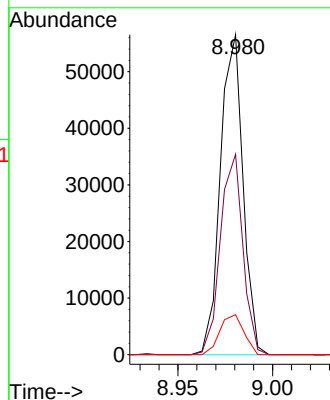
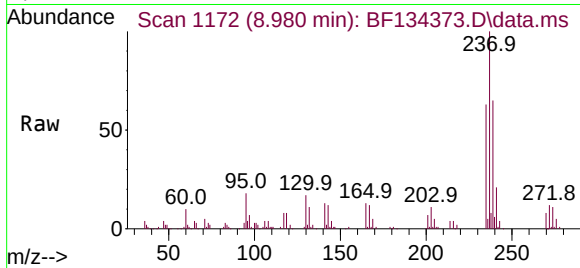




#41
Hexachlorocyclopentadiene
Concen: 26.370 ng
RT: 8.980 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

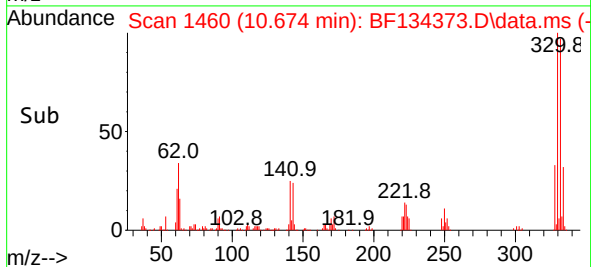
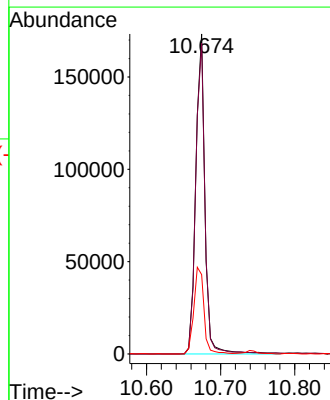
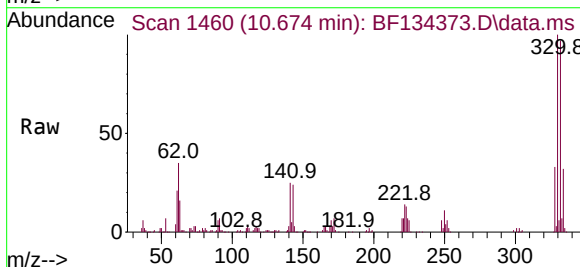
Instrument :
BNA_F
ClientSampleId :

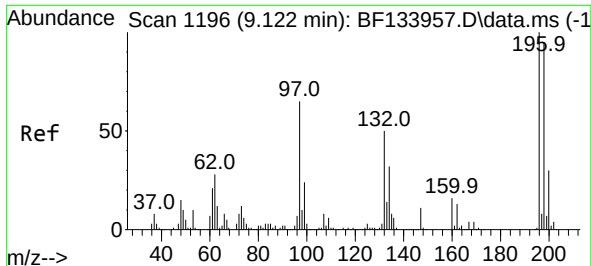
Tgt Ion:237 Resp: 46980
Ion Ratio Lower Upper
237 100
235 62.7 42.8 82.8
272 12.5 0.0 34.6



#42
2,4,6-Tribromophenol
Concen: 93.397 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

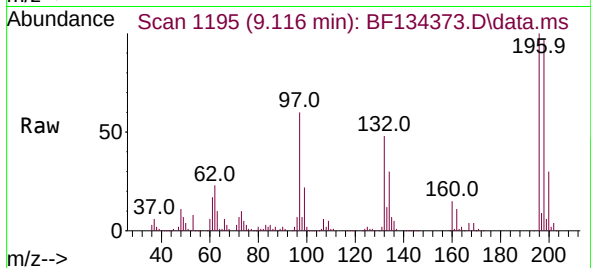
Tgt Ion:330 Resp: 148429
Ion Ratio Lower Upper
330 100
332 98.0 77.0 115.6
141 30.0 26.3 39.5



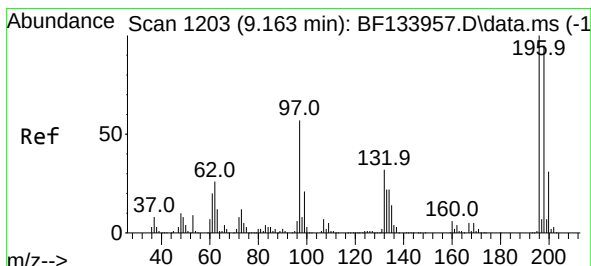
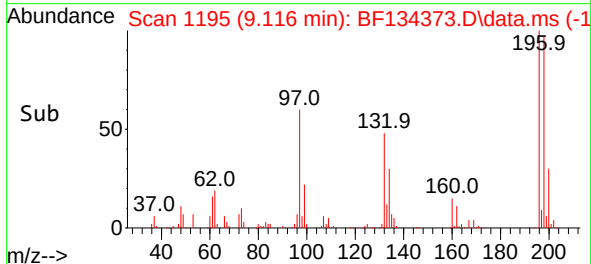
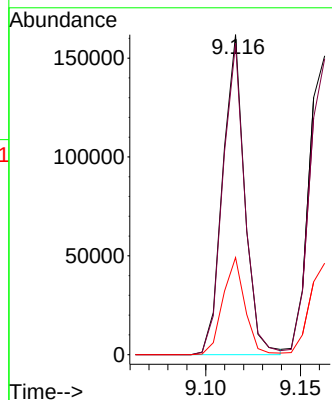


#43
2,4,6-Trichlorophenol
Concen: 50.892 ng
RT: 9.116 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

Instrument :
BNA_F
ClientSampleId :

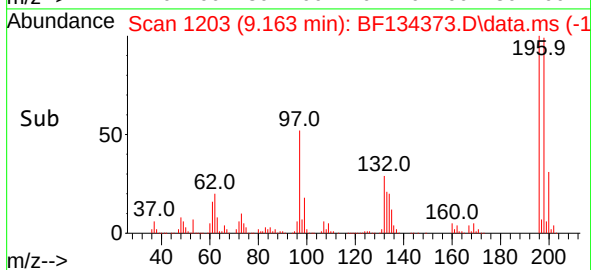
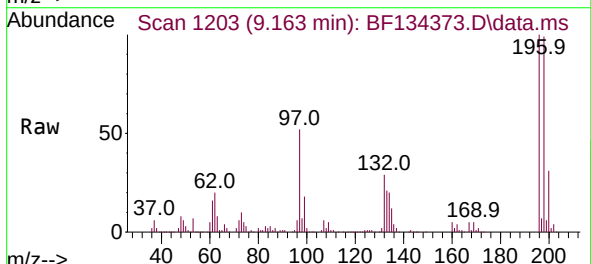
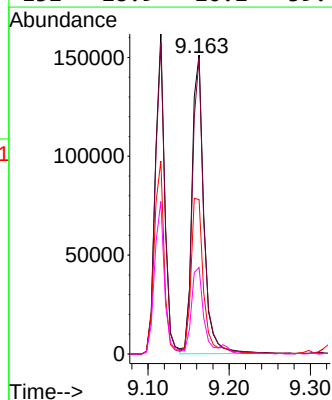


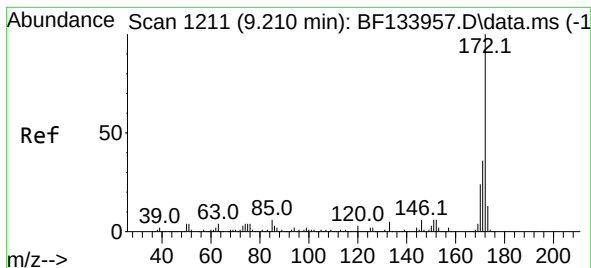
Tgt Ion:196 Resp: 130098
Ion Ratio Lower Upper
196 100
198 97.2 75.6 113.4
200 30.4 24.4 36.6



#44
2,4,5-Trichlorophenol
Concen: 51.038 ng
RT: 9.163 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

Tgt Ion:196 Resp: 153471
Ion Ratio Lower Upper
196 100
198 99.0 75.7 113.5
97 51.7 45.8 68.6
132 28.9 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 75.889 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.012 min

Lab File: BF134373.D

Acq: 19 Jul 2023 23:04

Instrument :

BNA_F

ClientSampleId :

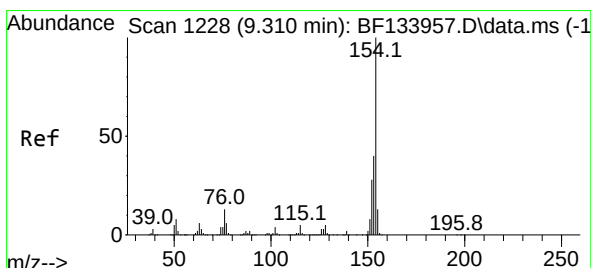
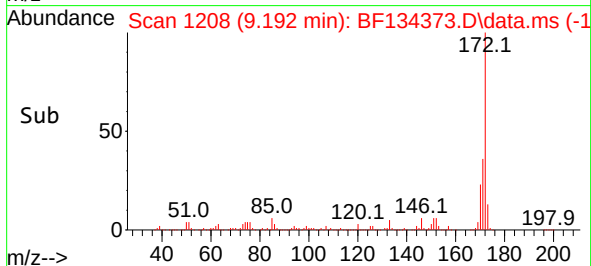
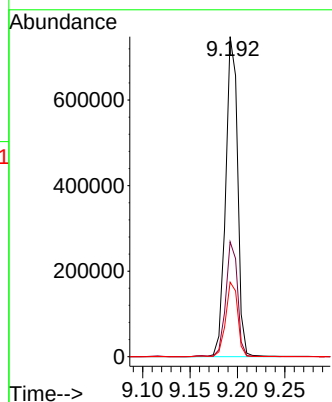
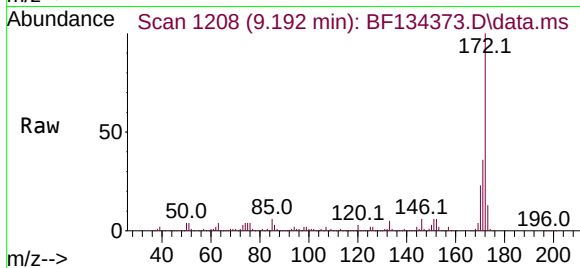
Tgt Ion:172 Resp: 661617

Ion Ratio Lower Upper

172 100

171 35.9 28.6 43.0

170 23.3 19.4 29.0



#46

1,1'-Biphenyl

Concen: 54.267 ng

RT: 9.298 min Scan# 1226

Delta R.T. -0.006 min

Lab File: BF134373.D

Acq: 19 Jul 2023 23:04

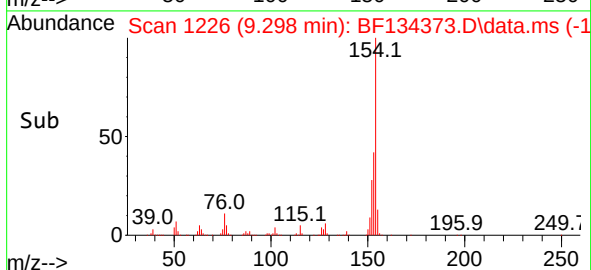
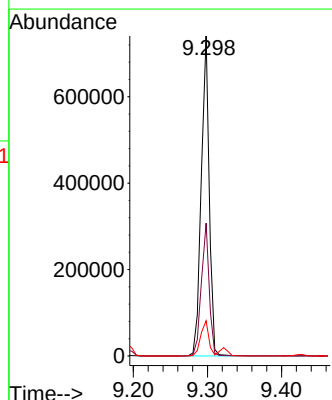
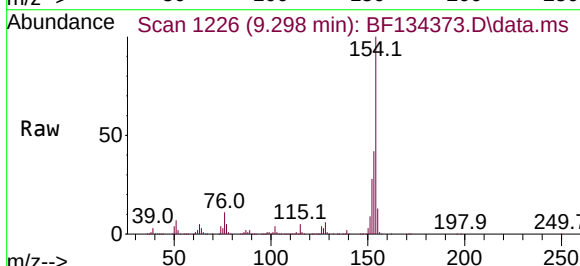
Tgt Ion:154 Resp: 551768

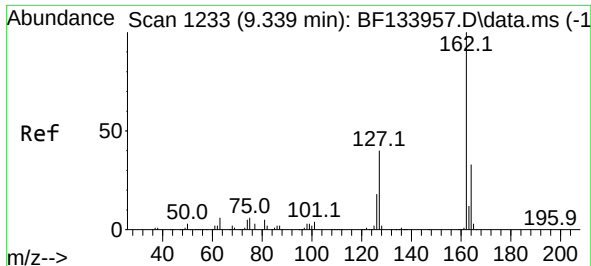
Ion Ratio Lower Upper

154 100

153 41.5 19.8 59.8

76 11.0 0.0 32.9

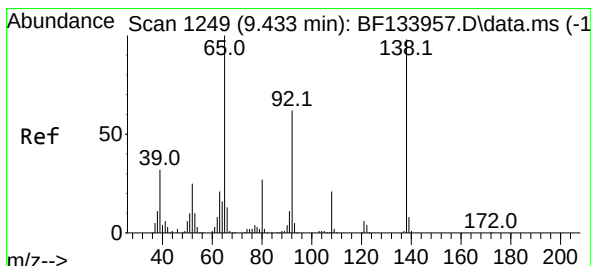
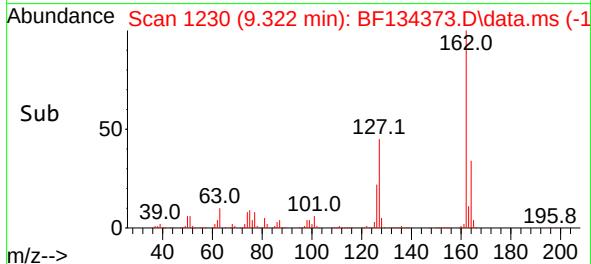
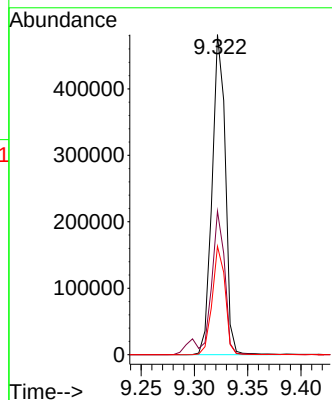
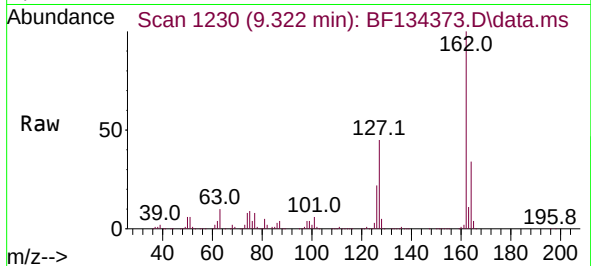




#47
2-Chloronaphthalene
Concen: 55.903 ng
RT: 9.322 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

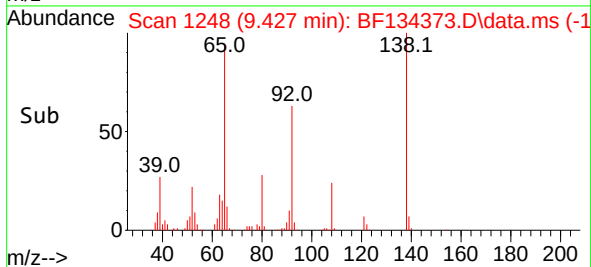
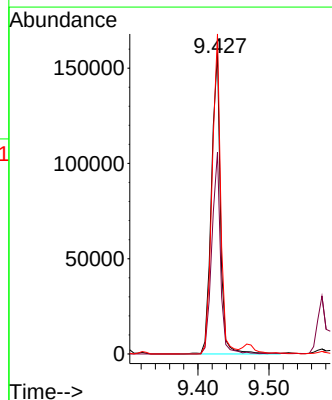
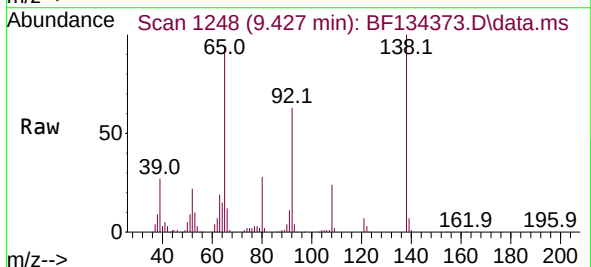
Instrument :
BNA_F
ClientSampleId :

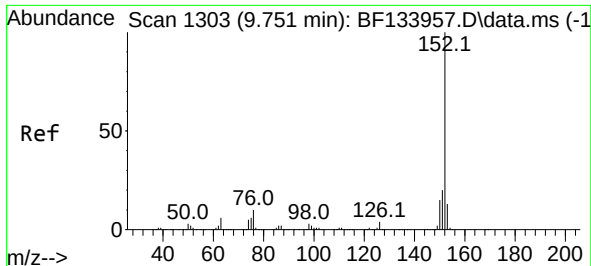
Tgt Ion:162 Resp: 415883
Ion Ratio Lower Upper
162 100
127 44.9 32.9 49.3
164 33.9 26.1 39.1



#48
2-Nitroaniline
Concen: 51.728 ng
RT: 9.427 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

Tgt Ion: 65 Resp: 140247
Ion Ratio Lower Upper
65 100
92 67.0 49.5 74.3
138 106.2 78.0 117.0





#49

Acenaphthylene

Concen: 52.334 ng

RT: 9.739 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134373.D

Acq: 19 Jul 2023 23:04

Instrument :

BNA_F

ClientSampleId :

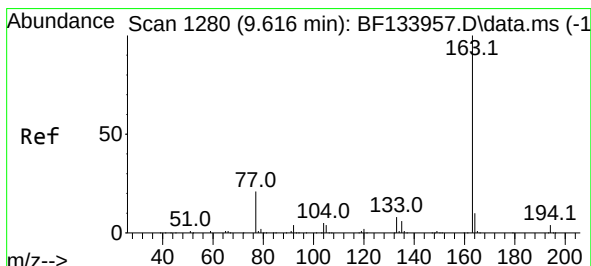
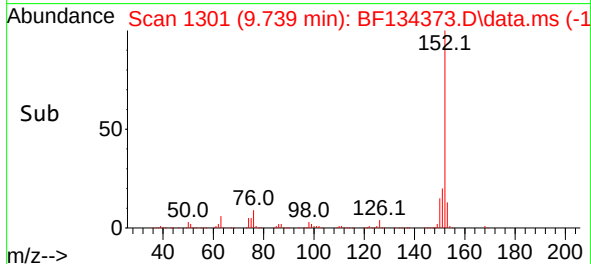
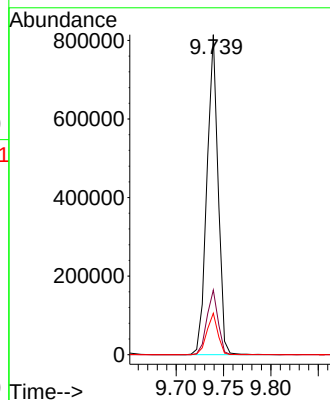
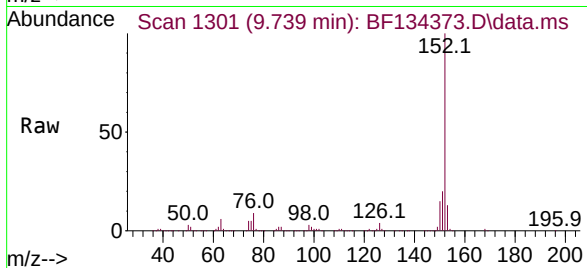
Tgt Ion:152 Resp: 665078

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2

153 12.9 10.8 16.2



#50

Dimethylphthalate

Concen: 56.647 ng

RT: 9.598 min Scan# 1277

Delta R.T. -0.006 min

Lab File: BF134373.D

Acq: 19 Jul 2023 23:04

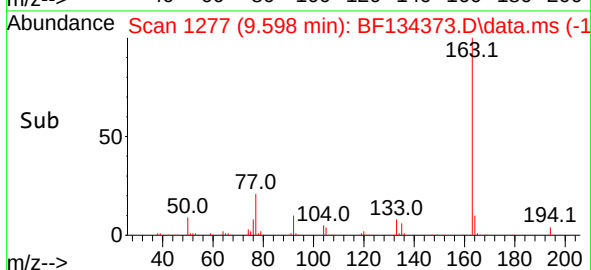
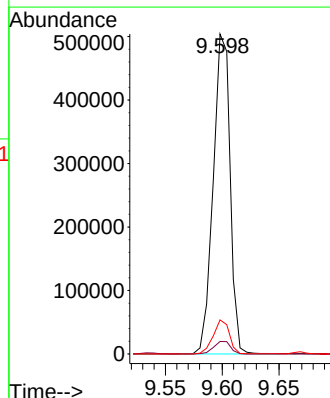
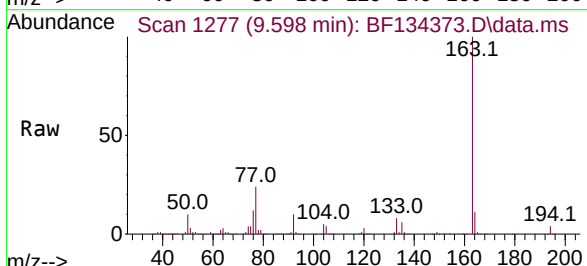
Tgt Ion:163 Resp: 521211

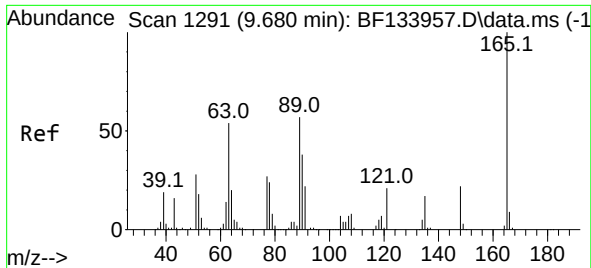
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

164 10.7 8.2 12.2

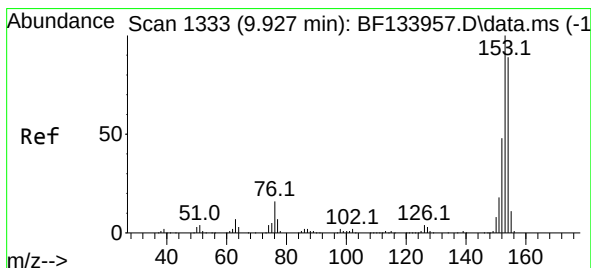
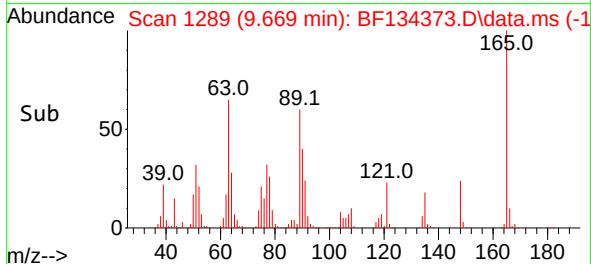
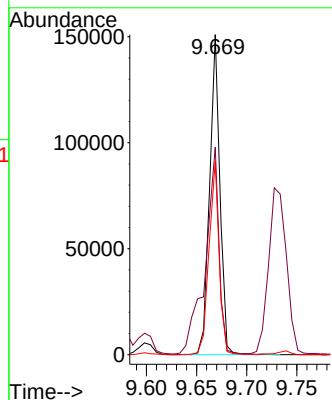
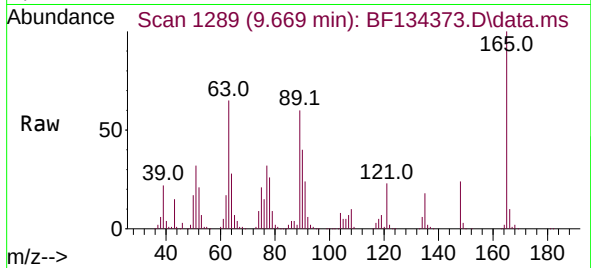




#51
2,6-Dinitrotoluene
Concen: 54.939 ng
RT: 9.669 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

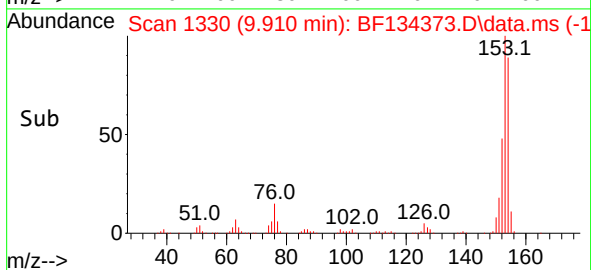
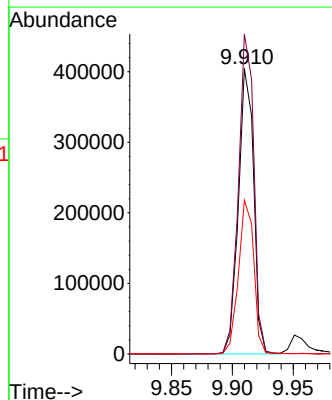
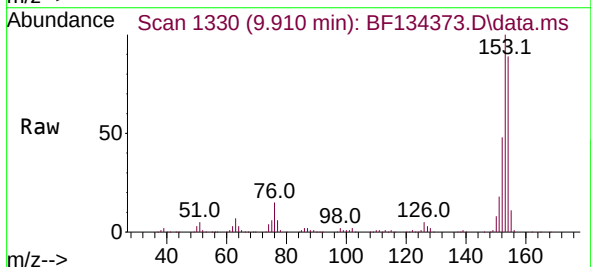
Instrument :
BNA_F
ClientSampleId :

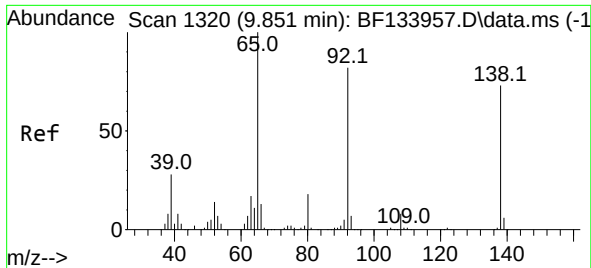
Tgt Ion:165 Resp: 108876
Ion Ratio Lower Upper
165 100
63 64.8 48.5 72.7
89 60.4 45.5 68.3



#52
Acenaphthene
Concen: 47.776 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

Tgt Ion:154 Resp: 352302
Ion Ratio Lower Upper
154 100
153 112.1 89.4 134.2
152 53.9 42.8 64.2

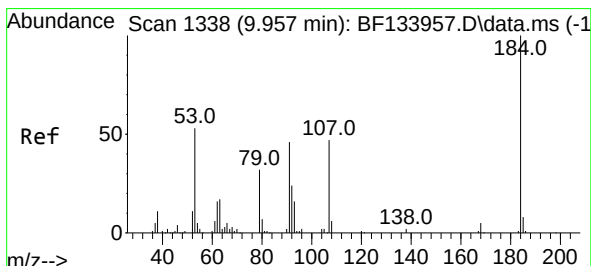
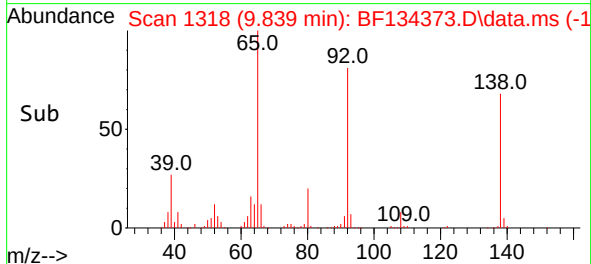
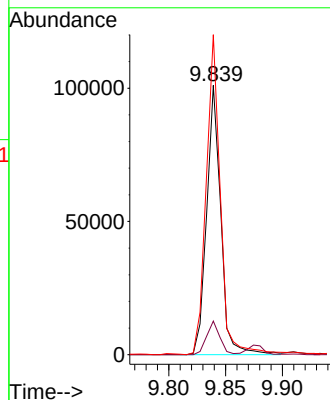
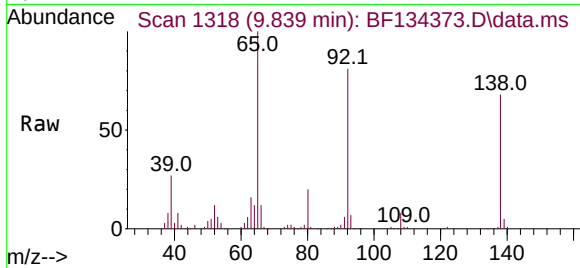




#53
3-Nitroaniline
Concen: 36.867 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

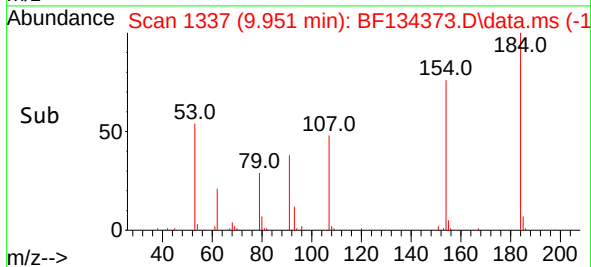
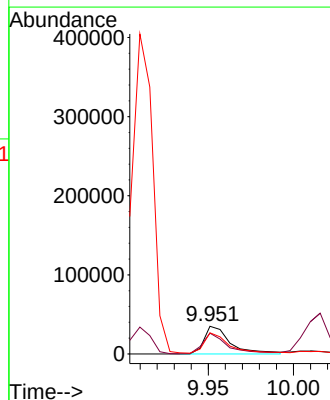
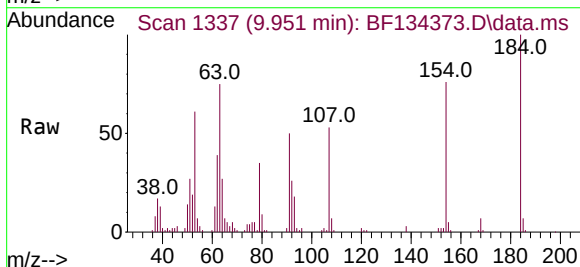
Instrument :
BNA_F
ClientSampleId :

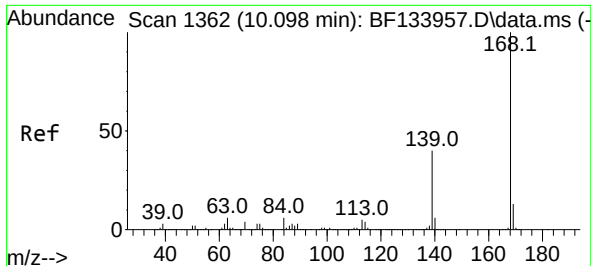
Tgt Ion:138 Resp: 87649
Ion Ratio Lower Upper
138 100
108 12.5 8.4 12.6
92 118.9 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 35.095 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

Tgt Ion:184 Resp: 37557
Ion Ratio Lower Upper
184 100
63 75.4 56.9 85.3
154 76.3 55.4 83.0

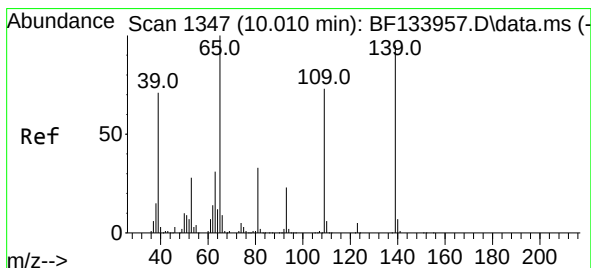
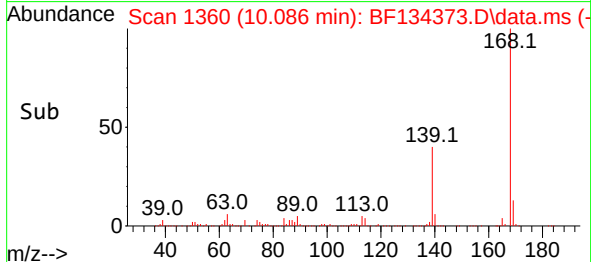
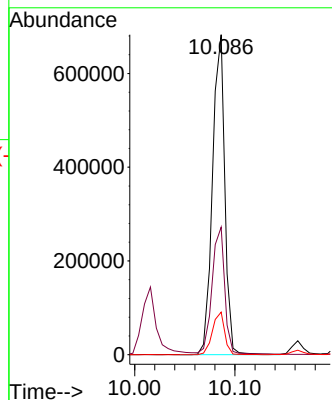
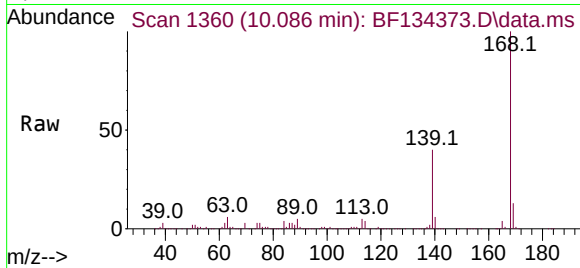




#55
Dibenzenofuran
Concen: 50.697 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

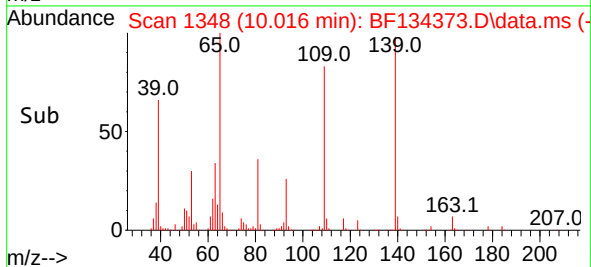
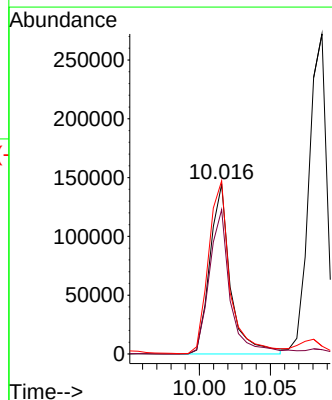
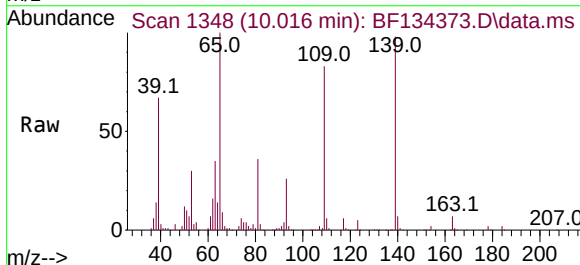
Instrument :
BNA_F
ClientSampleId :

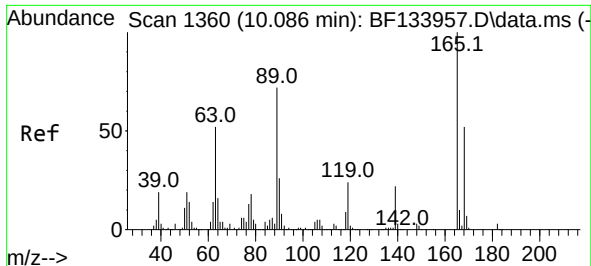
Tgt Ion:168 Resp: 584251
Ion Ratio Lower Upper
168 100
139 39.9 32.0 48.0
169 13.3 10.6 16.0



#56
4-Nitrophenol
Concen: 87.408 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

Tgt Ion:139 Resp: 145358
Ion Ratio Lower Upper
139 100
109 85.0 56.8 96.8
65 102.0 86.1 126.1

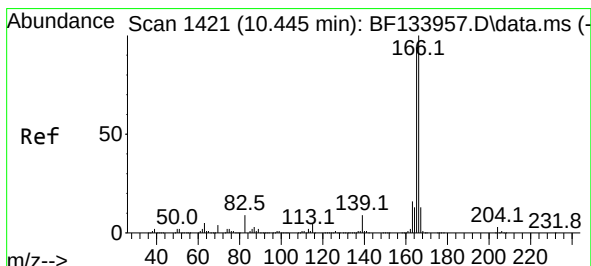
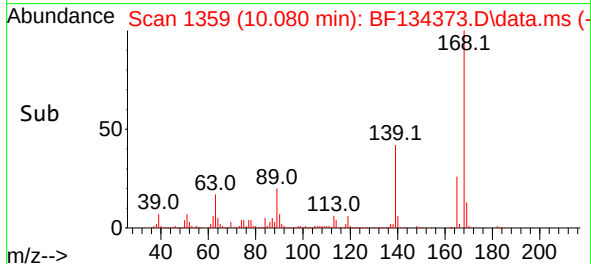
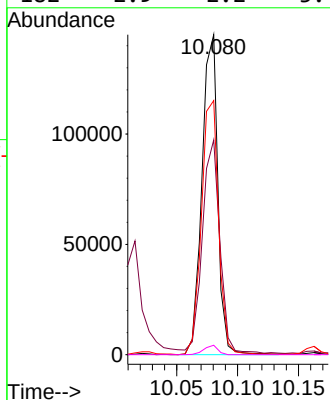
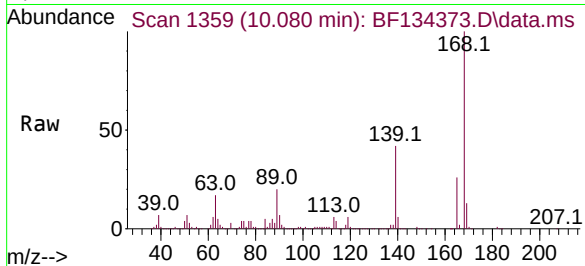




#57
2,4-Dinitrotoluene
Concen: 50.216 ng
RT: 10.080 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

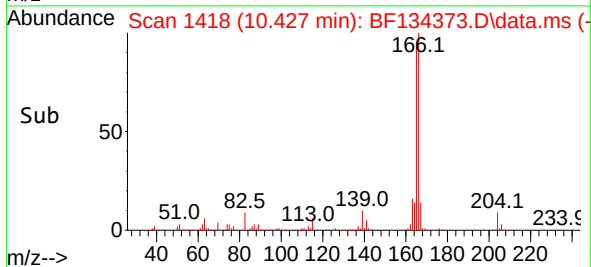
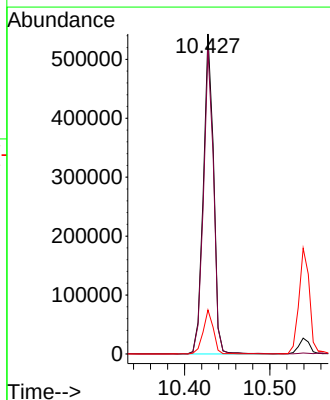
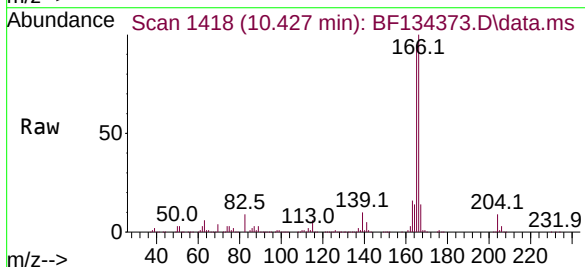
Instrument :
BNA_F
ClientSampleId :

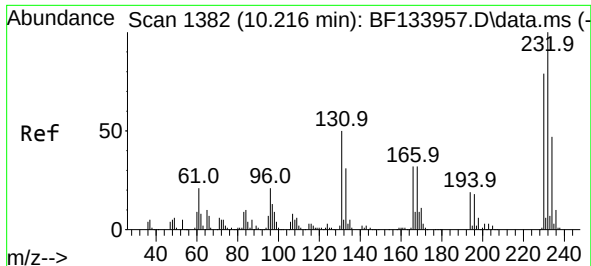
Tgt Ion:165 Resp: 131422
Ion Ratio Lower Upper
165 100
63 67.1 42.2 63.2#
89 79.4 57.4 86.2
182 2.9 2.2 3.4



#58
Fluorene
Concen: 50.461 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

Tgt Ion:166 Resp: 452428
Ion Ratio Lower Upper
166 100
165 94.9 75.0 112.4
167 13.8 10.6 15.8





#59

2,3,4,6-Tetrachlorophenol

Concen: 45.683 ng

RT: 10.204 min Scan# 1380

Delta R.T. -0.006 min

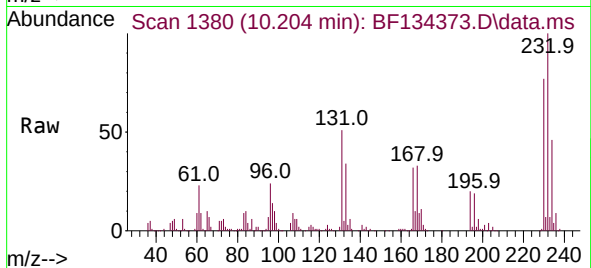
Lab File: BF134373.D

Acq: 19 Jul 2023 23:04

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:232 Resp: 108357

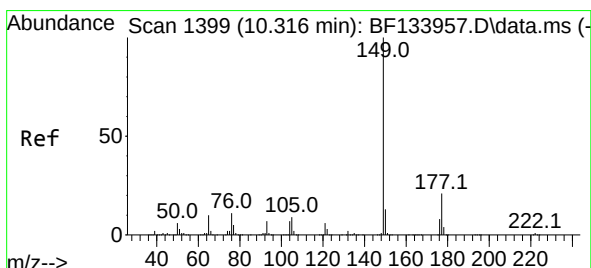
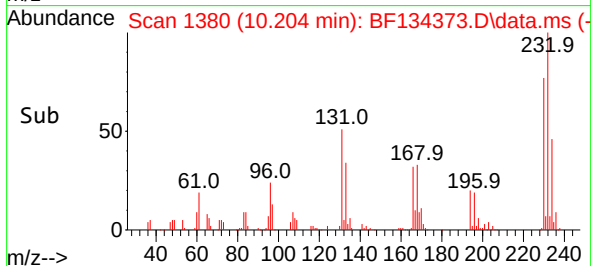
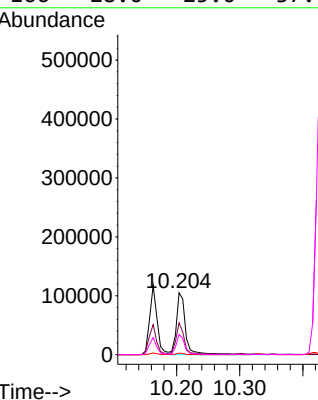
Ion Ratio Lower Upper

232 100

131 45.0 39.3 58.9

130 2.4 1.8 2.6

166 28.0 25.0 37.6



#60

Diethylphthalate

Concen: 56.791 ng

RT: 10.304 min Scan# 1397

Delta R.T. 0.000 min

Lab File: BF134373.D

Acq: 19 Jul 2023 23:04

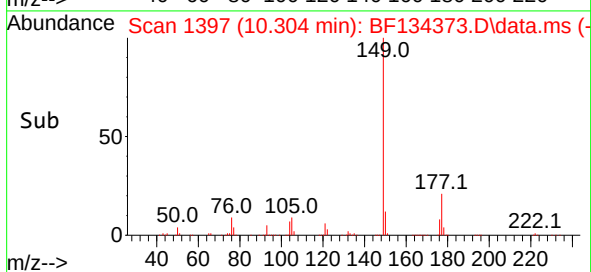
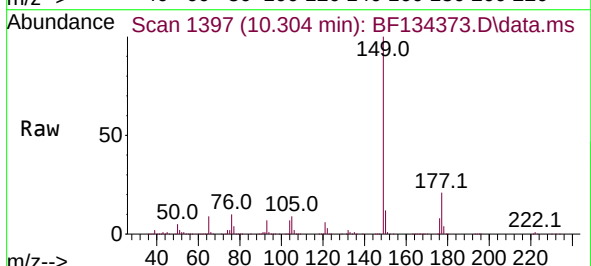
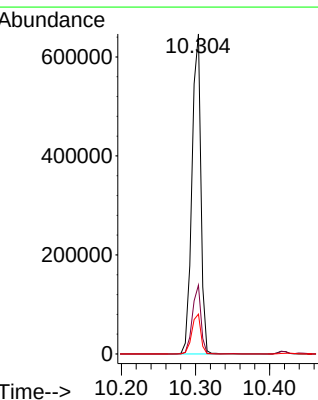
Tgt Ion:149 Resp: 544399

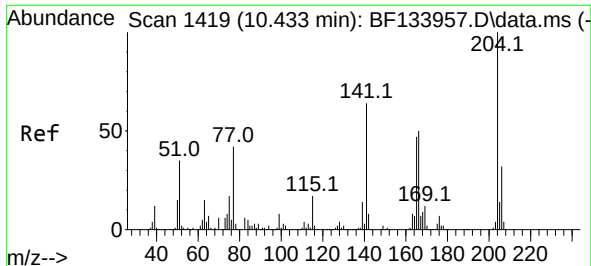
Ion Ratio Lower Upper

149 100

177 21.5 17.0 25.6

150 12.5 10.2 15.2

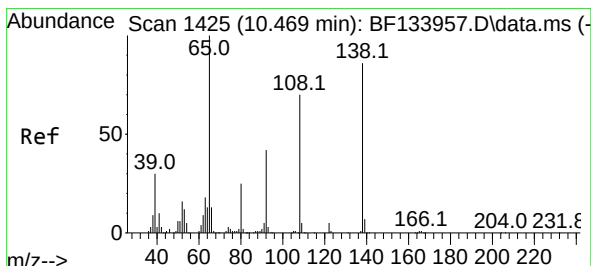
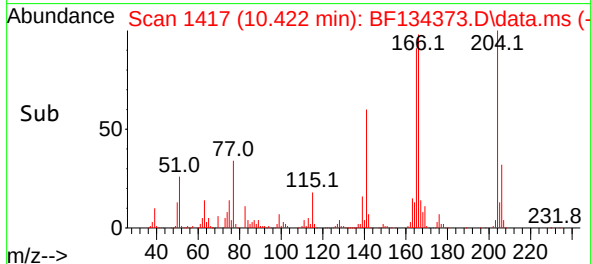
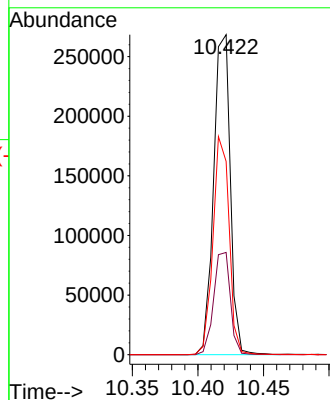
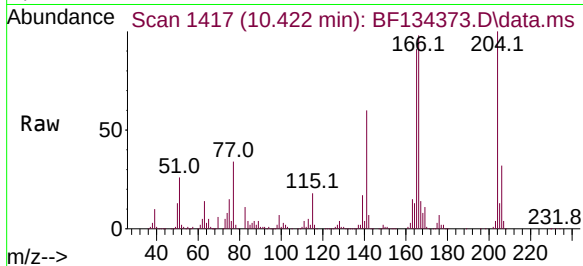




#61
4-Chlorophenyl-phenylether
Concen: 55.051 ng
RT: 10.422 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

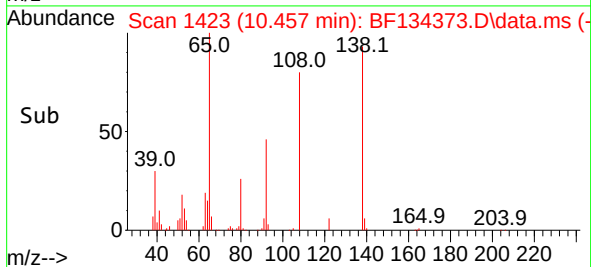
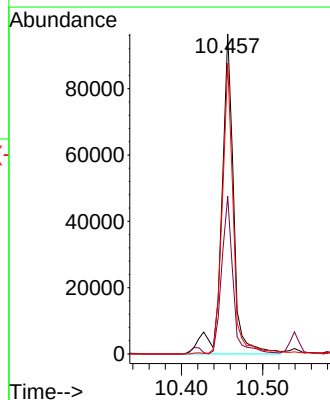
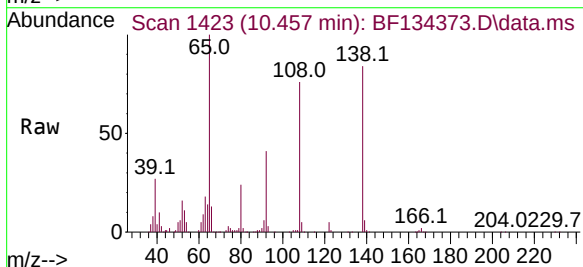
Instrument :
BNA_F
ClientSampleId :

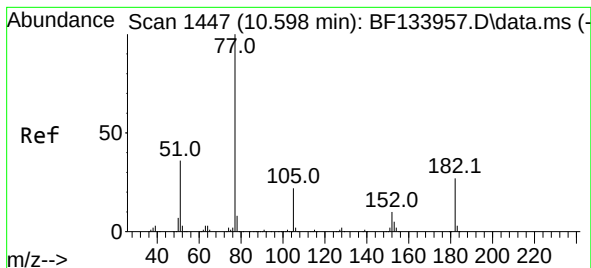
Tgt Ion:204 Resp: 237866
Ion Ratio Lower Upper
204 100
206 32.0 25.8 38.6
141 60.4 51.5 77.3



#62
4-Nitroaniline
Concen: 41.270 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

Tgt Ion:138 Resp: 98882
Ion Ratio Lower Upper
138 100
92 49.2 29.7 69.7
108 90.9 62.1 102.1





#63

Azobenzene

Concen: 49.881 ng

RT: 10.580 min Scan# 1447

Delta R.T. -0.006 min

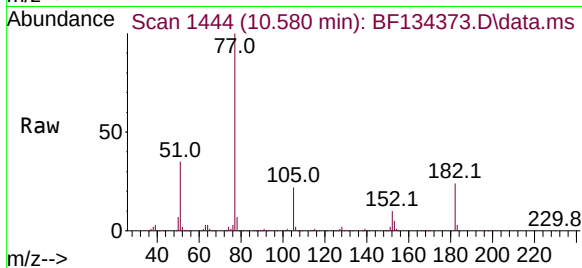
Lab File: BF134373.D

Acq: 19 Jul 2023 23:04

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 77 Resp: 452302

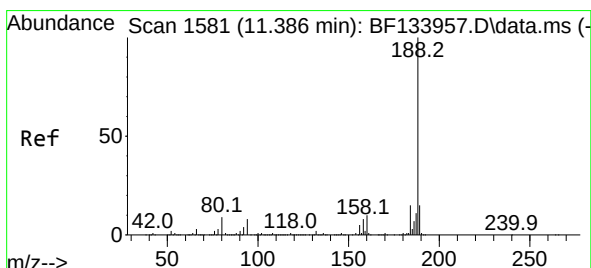
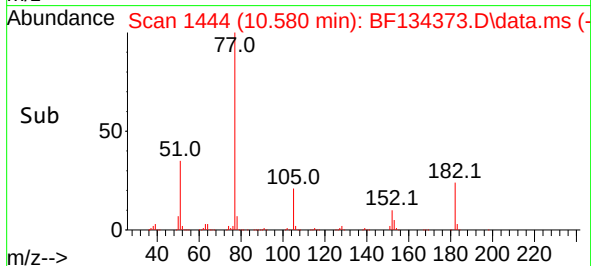
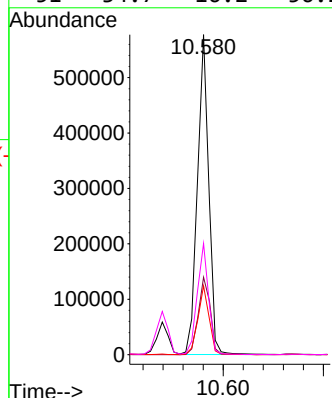
Ion Ratio Lower Upper

77 100

182 24.2 6.8 46.8

105 21.5 2.3 42.3

51 34.7 16.2 56.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1578

Delta R.T. -0.006 min

Lab File: BF134373.D

Acq: 19 Jul 2023 23:04

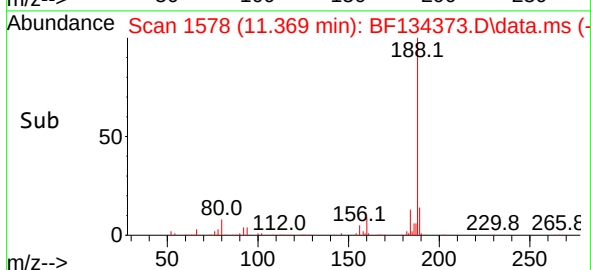
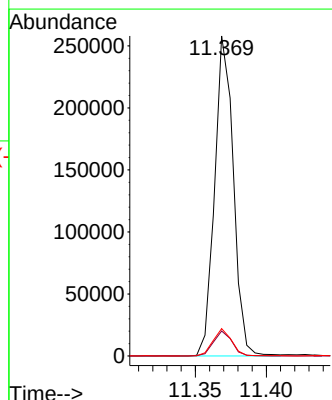
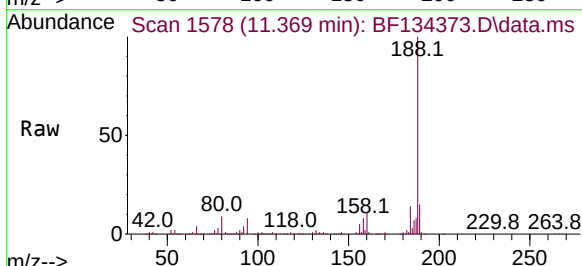
Tgt Ion: 188 Resp: 236493

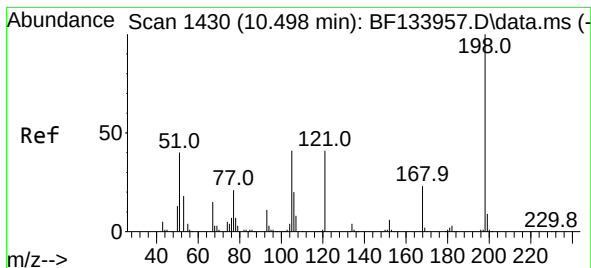
Ion Ratio Lower Upper

188 100

94 7.8 6.4 9.6

80 8.5 7.3 10.9

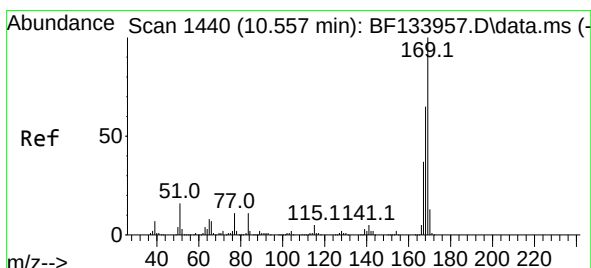
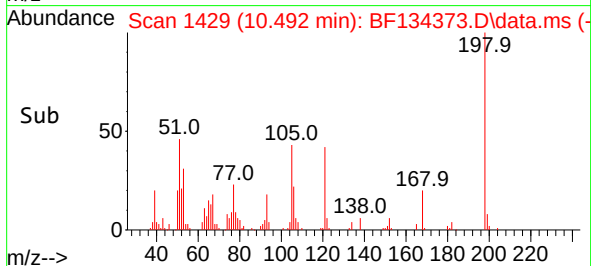
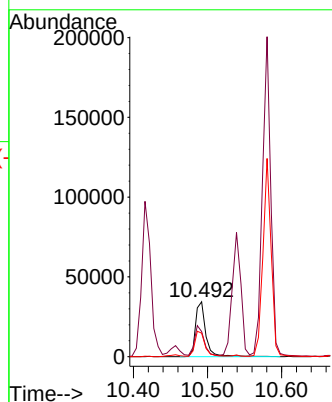
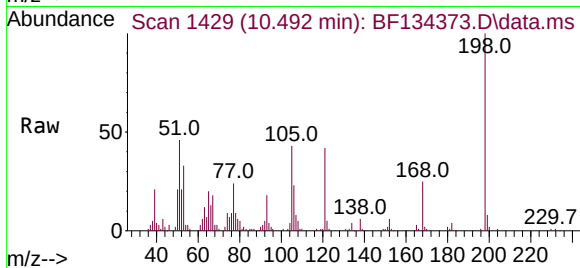




#65
4,6-Dinitro-2-methylphenol
Concen: 25.629 ng
RT: 10.492 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

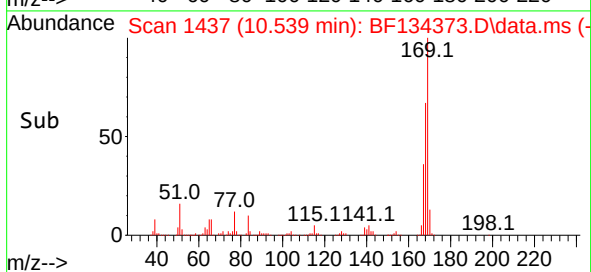
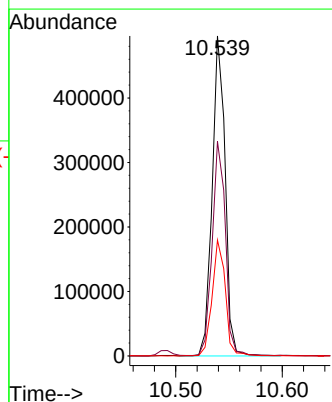
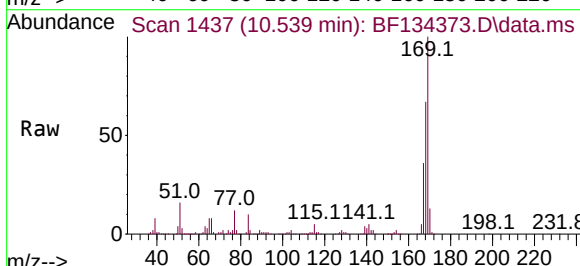
Instrument :
BNA_F
ClientSampleId :

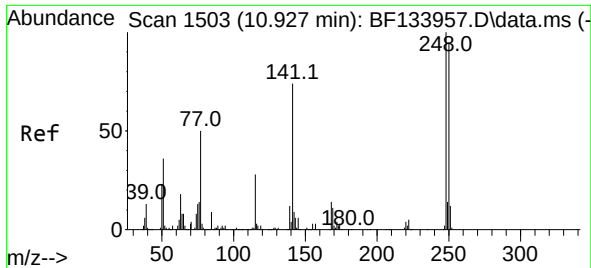
Tgt Ion:198 Resp: 33045
Ion Ratio Lower Upper
198 100
51 45.7 29.3 69.3
105 42.7 22.4 62.4



#66
n-Nitrosodiphenylamine
Concen: 55.718 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

Tgt Ion:169 Resp: 421009
Ion Ratio Lower Upper
169 100
168 67.1 52.3 78.5
167 36.2 29.4 44.0

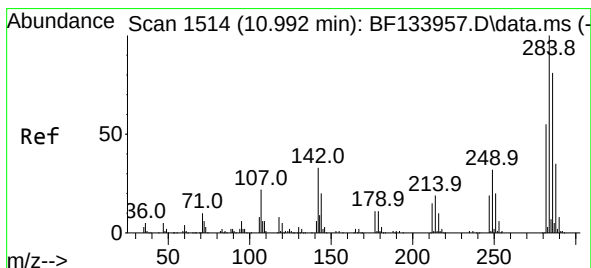
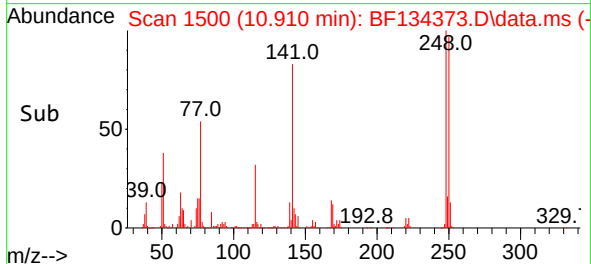
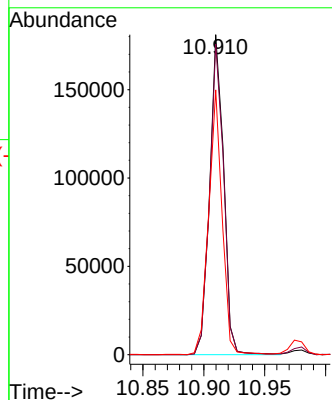
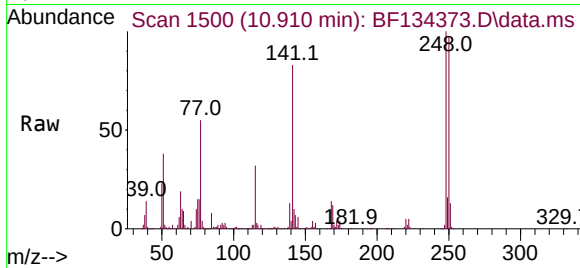




#67
4-Bromophenyl-phenylether
Concen: 57.469 ng
RT: 10.910 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

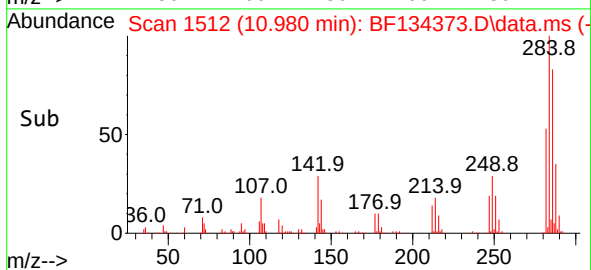
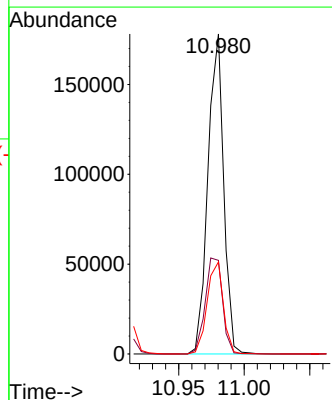
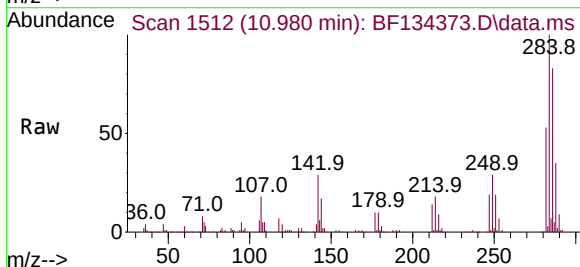
Instrument :
BNA_F
ClientSampleId :

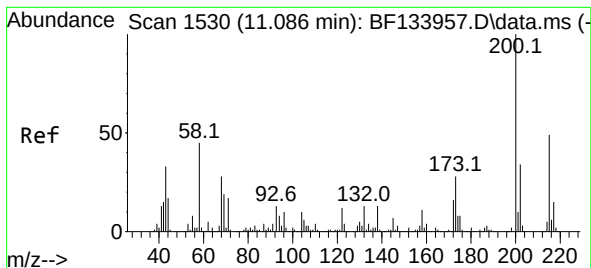
Tgt Ion:248 Resp: 144457
Ion Ratio Lower Upper
248 100
250 97.0 76.2 114.4
141 82.8 59.0 88.4



#68
Hexachlorobenzene
Concen: 55.891 ng
RT: 10.980 min Scan# 1512
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

Tgt Ion:284 Resp: 149167
Ion Ratio Lower Upper
284 100
142 29.3 26.6 40.0
249 28.8 25.5 38.3





#69

Atrazine

Concen: 59.818 ng

RT: 11.074 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF134373.D

Acq: 19 Jul 2023 23:04

Instrument :

BNA_F

ClientSampleId :

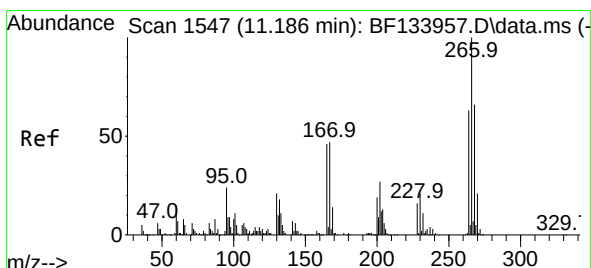
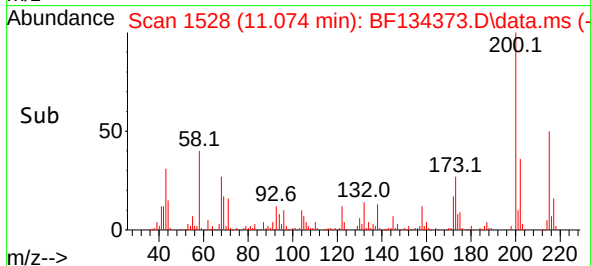
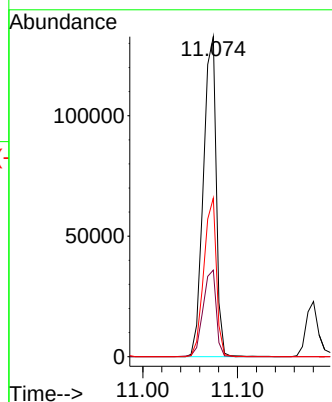
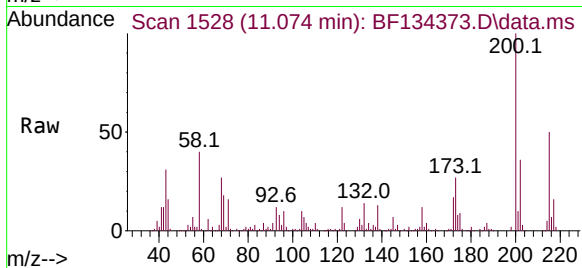
Tgt Ion:200 Resp: 125023

Ion Ratio Lower Upper

200 100

173 27.1 8.0 48.0

215 49.6 29.3 69.3



#70

Pentachlorophenol

Concen: 78.894 ng

RT: 11.180 min Scan# 1546

Delta R.T. -0.000 min

Lab File: BF134373.D

Acq: 19 Jul 2023 23:04

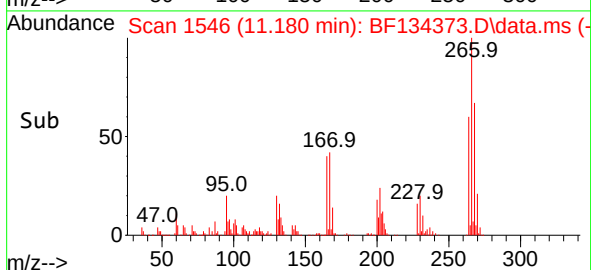
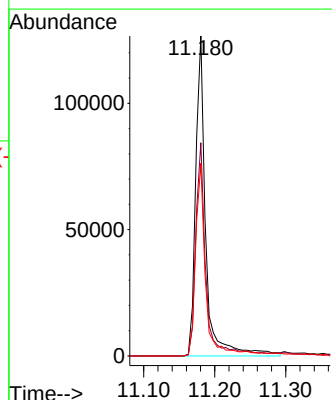
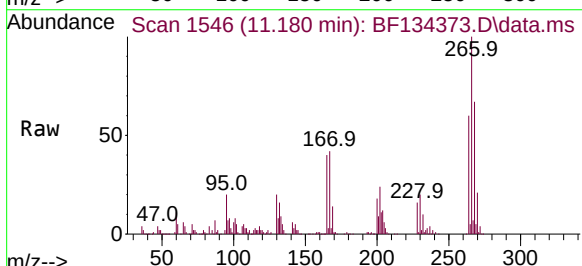
Tgt Ion:266 Resp: 125897

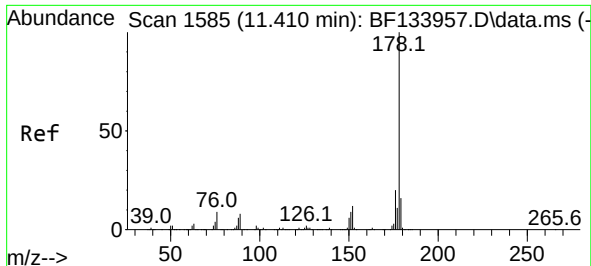
Ion Ratio Lower Upper

266 100

268 66.7 52.6 79.0

264 60.2 50.6 76.0

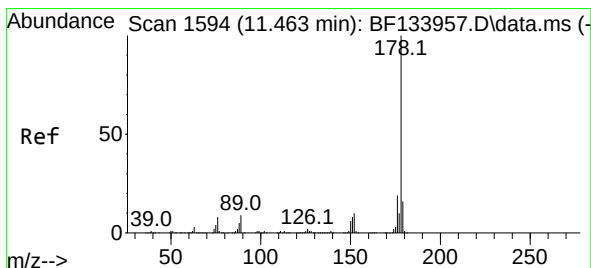
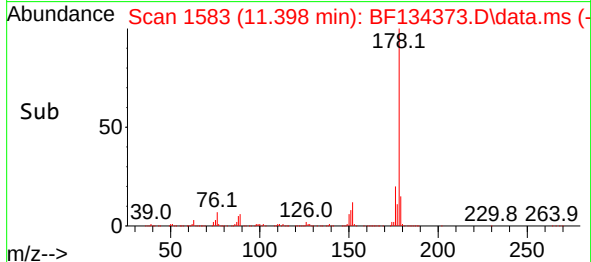
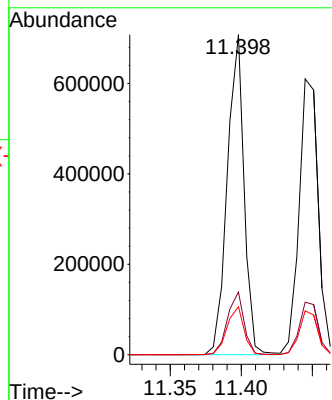
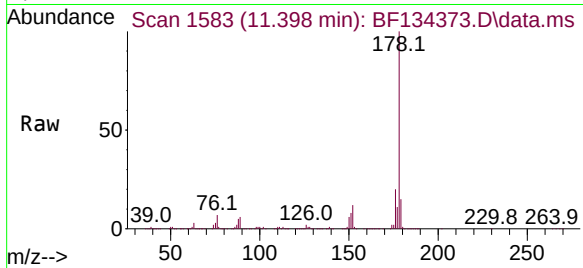




#71
Phenanthrene
Concen: 48.801 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

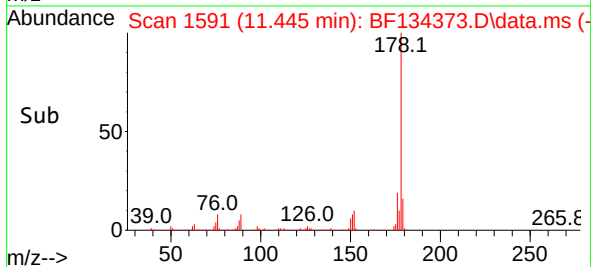
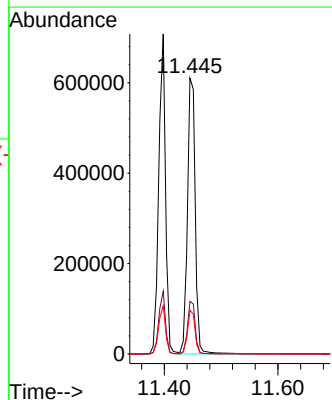
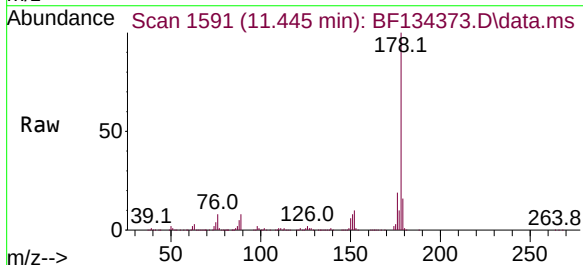
Instrument :
BNA_F
ClientSampleId :

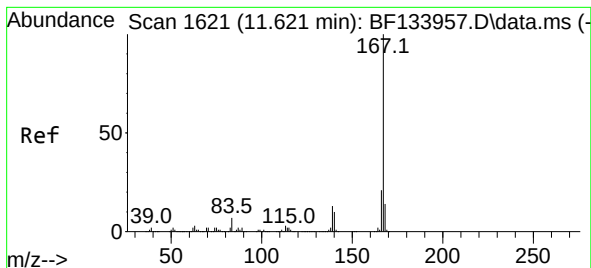
Tgt Ion:178 Resp: 580994
Ion Ratio Lower Upper
178 100
176 19.6 16.0 24.0
179 15.0 12.4 18.6



#72
Anthracene
Concen: 46.657 ng
RT: 11.445 min Scan# 1591
Delta R.T. -0.012 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

Tgt Ion:178 Resp: 577752
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.9 12.4 18.6





#73

Carbazole

Concen: 46.565 ng

RT: 11.610 min Scan# 1619

Delta R.T. -0.006 min

Lab File: BF134373.D

Acq: 19 Jul 2023 23:04

Instrument :

BNA_F

ClientSampleId :

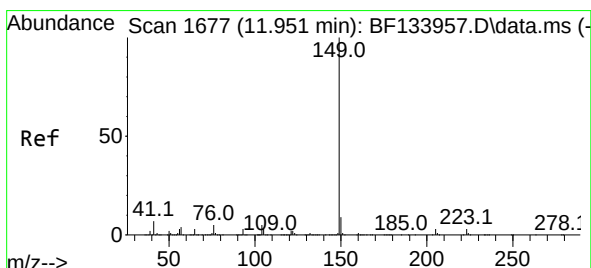
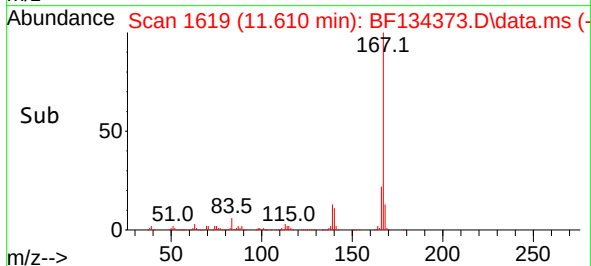
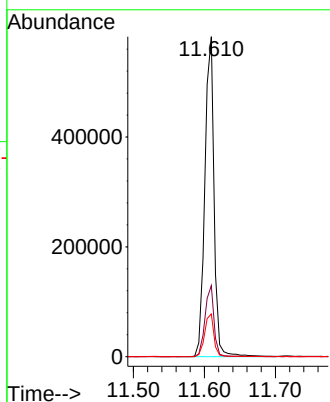
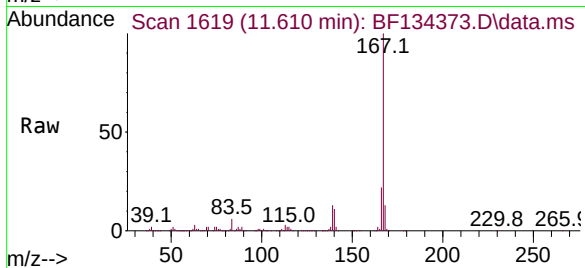
Tgt Ion:167 Resp: 527786

Ion Ratio Lower Upper

167 100

166 22.2 17.0 25.6

139 13.4 10.4 15.6



#74

Di-n-butylphthalate

Concen: 54.473 ng

RT: 11.933 min Scan# 1674

Delta R.T. -0.006 min

Lab File: BF134373.D

Acq: 19 Jul 2023 23:04

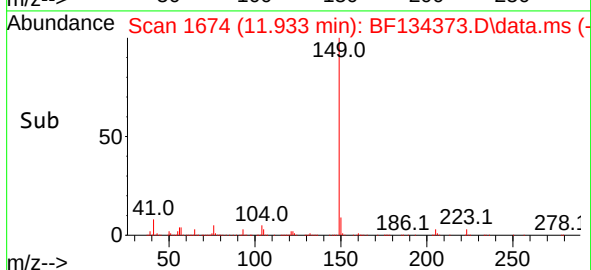
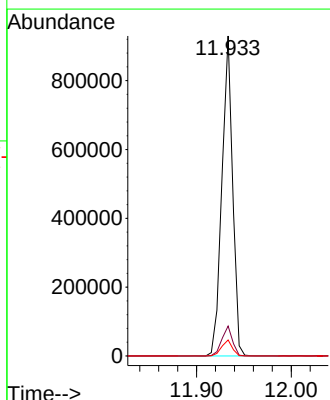
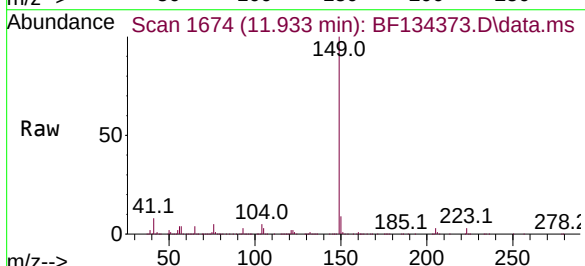
Tgt Ion:149 Resp: 734223

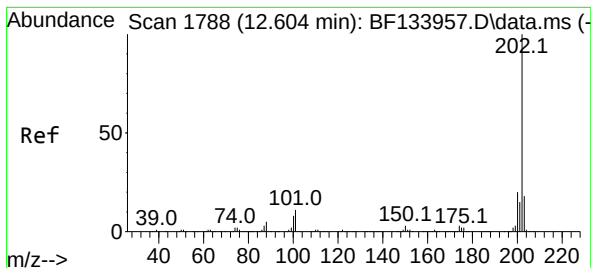
Ion Ratio Lower Upper

149 100

150 9.4 7.1 10.7

104 5.0 4.0 6.0





#75

Fluoranthene

Concen: 40.339 ng

RT: 12.592 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134373.D

Acq: 19 Jul 2023 23:04

Instrument :

BNA_F

ClientSampleId :

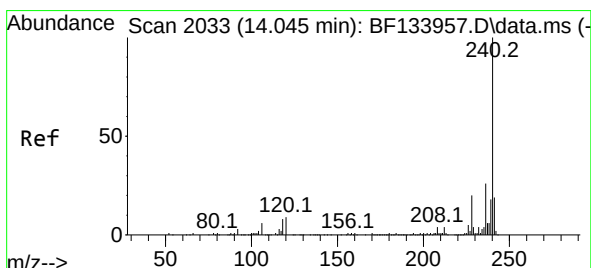
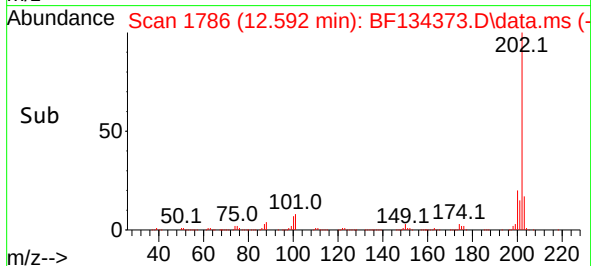
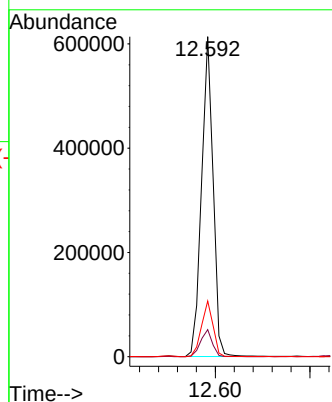
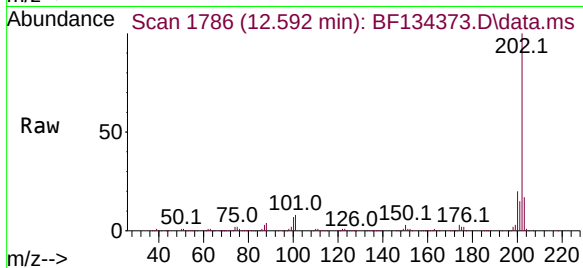
Tgt Ion:202 Resp: 519201

Ion Ratio Lower Upper

202 100

101 8.5 0.0 31.0

203 17.4 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF134373.D

Acq: 19 Jul 2023 23:04

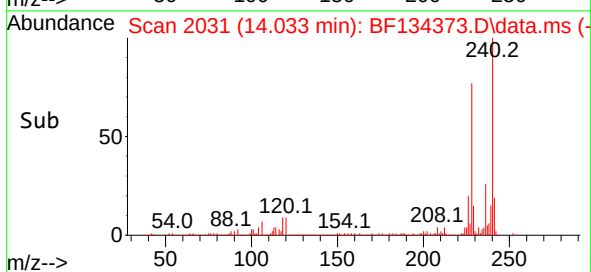
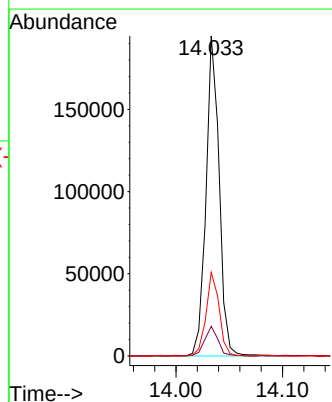
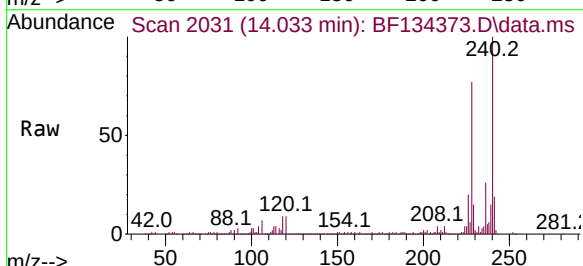
Tgt Ion:240 Resp: 167931

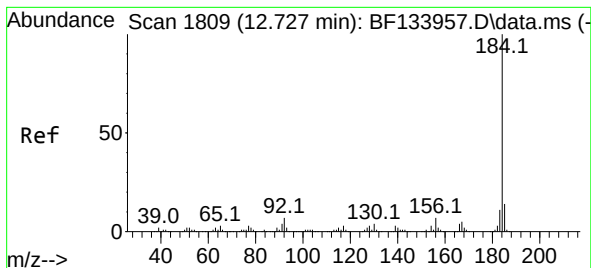
Ion Ratio Lower Upper

240 100

120 9.3 7.4 11.0

236 26.1 21.0 31.6





#77

Benzidine

Concen: 81.037 ng

RT: 12.721 min Scan# 1808

Delta R.T. -0.006 min

Lab File: BF134373.D

Acq: 19 Jul 2023 23:04

Instrument :

BNA_F

ClientSampleId :

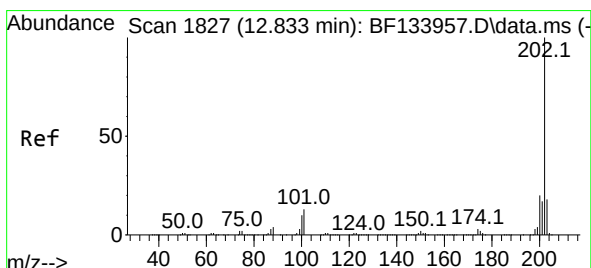
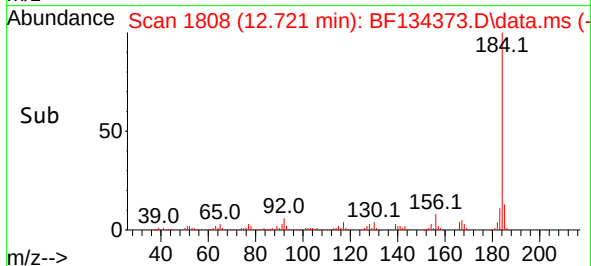
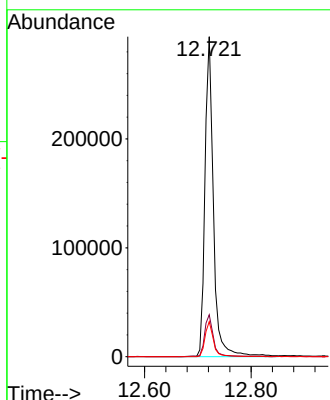
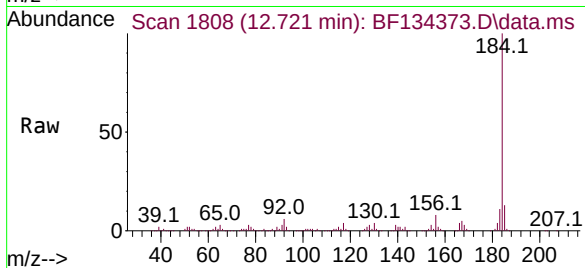
Tgt Ion:184 Resp: 323808

Ion Ratio Lower Upper

184 100

185 13.1 11.6 17.4

183 10.9 8.8 13.2



#78

Pyrene

Concen: 33.769 ng

RT: 12.821 min Scan# 1825

Delta R.T. -0.012 min

Lab File: BF134373.D

Acq: 19 Jul 2023 23:04

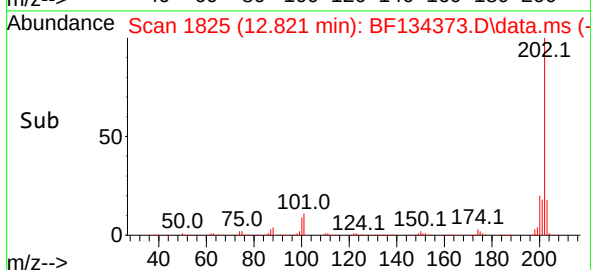
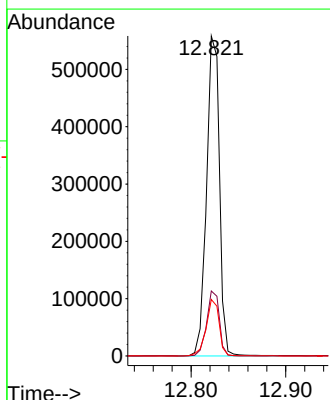
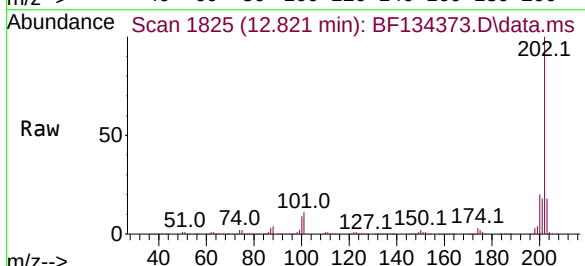
Tgt Ion:202 Resp: 527743

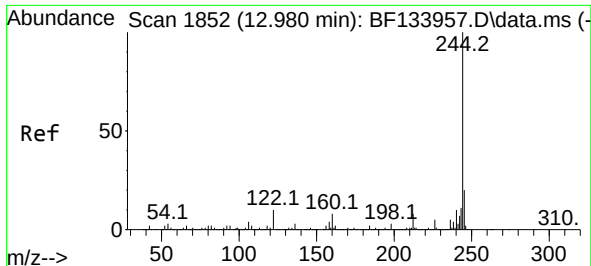
Ion Ratio Lower Upper

202 100

200 20.3 16.1 24.1

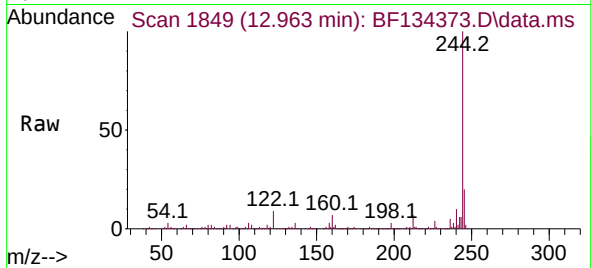
203 17.7 14.3 21.5



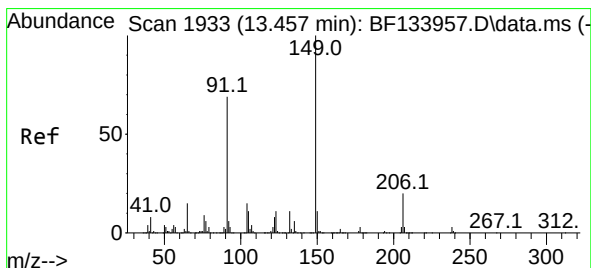
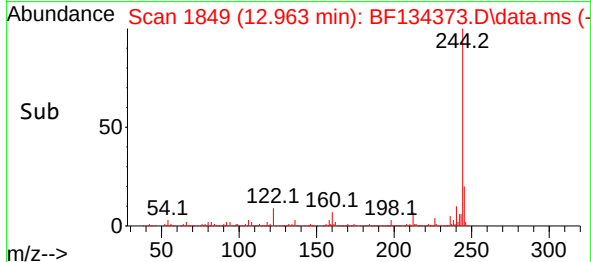
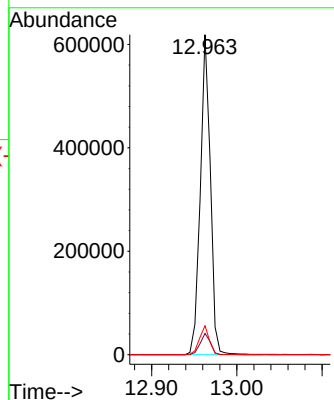


#79
 Terphenyl-d14
 Concen: 48.646 ng
 RT: 12.963 min Scan# 1849
 Delta R.T. -0.012 min
 Lab File: BF134373.D
 Acq: 19 Jul 2023 23:04

Instrument :
 BNA_F
 ClientSampleId :

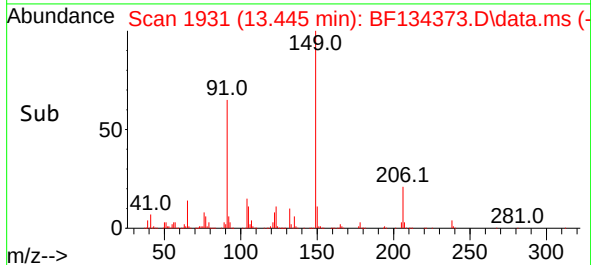
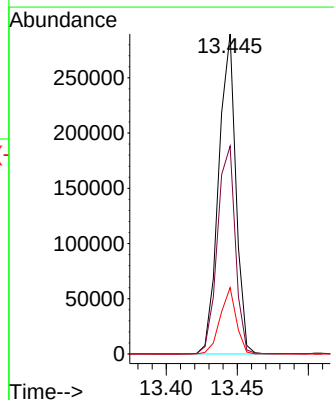
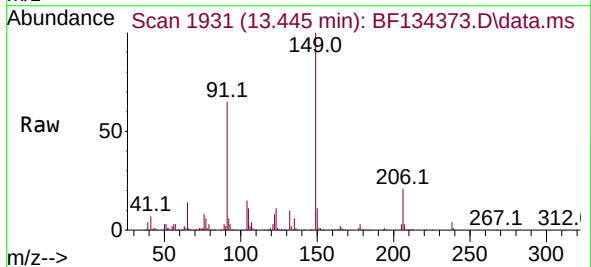


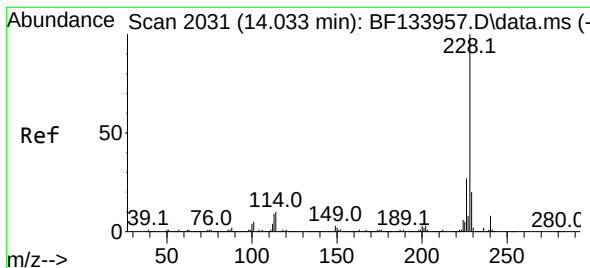
Tgt Ion:244 Resp: 507586
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 9.1 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 41.567 ng
 RT: 13.445 min Scan# 1931
 Delta R.T. -0.006 min
 Lab File: BF134373.D
 Acq: 19 Jul 2023 23:04

Tgt Ion:149 Resp: 243637
 Ion Ratio Lower Upper
 149 100
 91 65.0 55.1 82.7
 206 20.7 15.7 23.5





#81

Benzo(a)anthracene

Concen: 46.104 ng

RT: 14.021 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF134373.D

Acq: 19 Jul 2023 23:04

Instrument :

BNA_F

ClientSampleId :

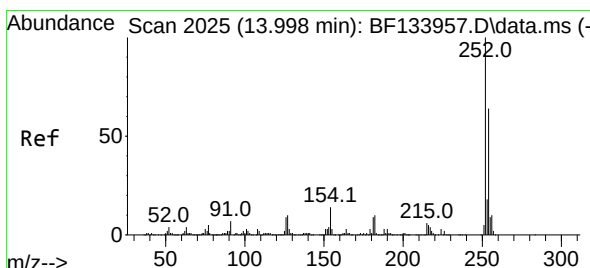
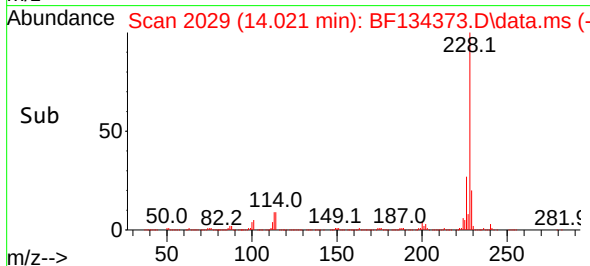
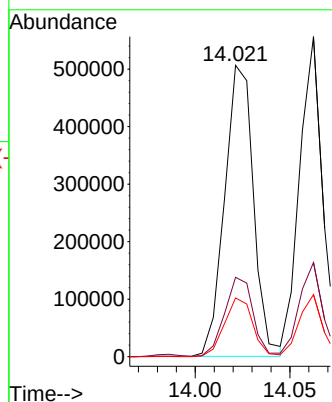
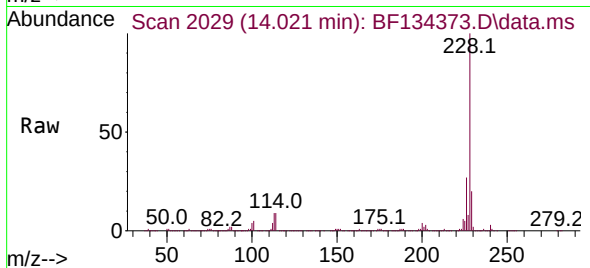
Tgt Ion:228 Resp: 536944

Ion Ratio Lower Upper

228 100

226 27.2 22.0 33.0

229 20.2 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 55.133 ng

RT: 13.986 min Scan# 2023

Delta R.T. -0.006 min

Lab File: BF134373.D

Acq: 19 Jul 2023 23:04

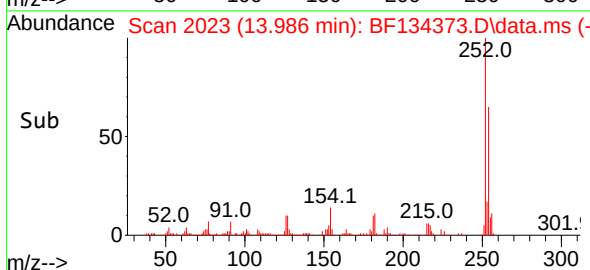
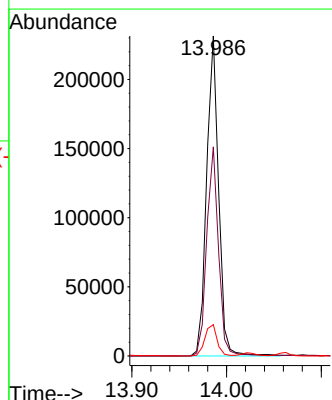
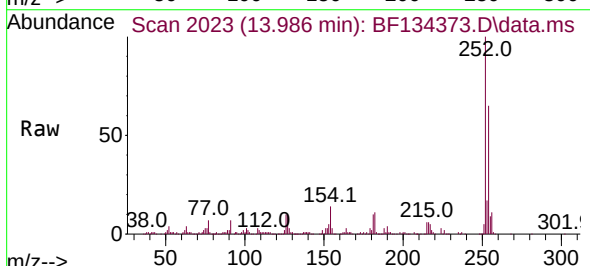
Tgt Ion:252 Resp: 203431

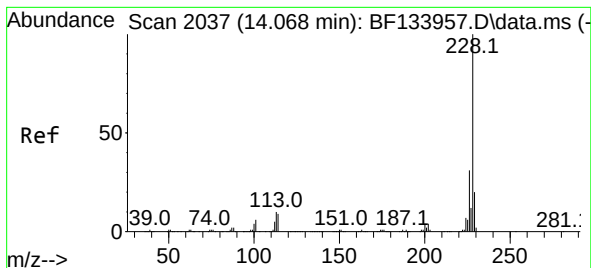
Ion Ratio Lower Upper

252 100

254 65.4 51.4 77.0

126 9.8 7.4 11.2





#83

Chrysene

Concen: 41.328 ng

RT: 14.062 min Scan# 2037

Delta R.T. -0.006 min

Lab File: BF134373.D

Acq: 19 Jul 2023 23:04

Instrument :

BNA_F

ClientSampleId :

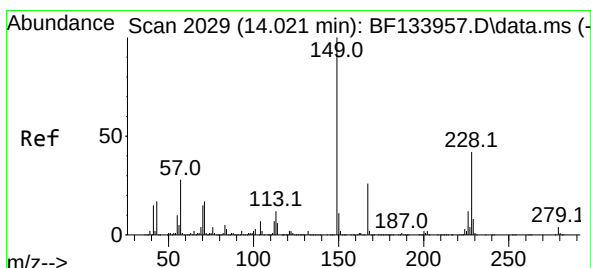
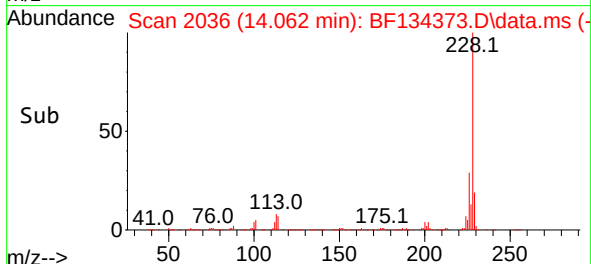
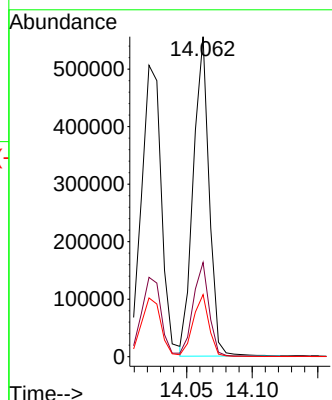
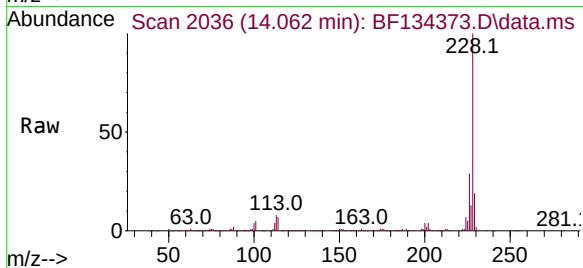
Tgt Ion:228 Resp: 466184

Ion Ratio Lower Upper

228 100

226 29.5 24.4 36.6

229 19.4 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 60.544 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.012 min

Lab File: BF134373.D

Acq: 19 Jul 2023 23:04

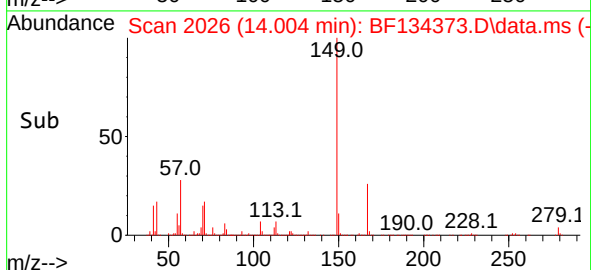
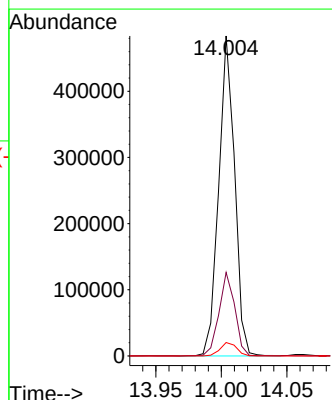
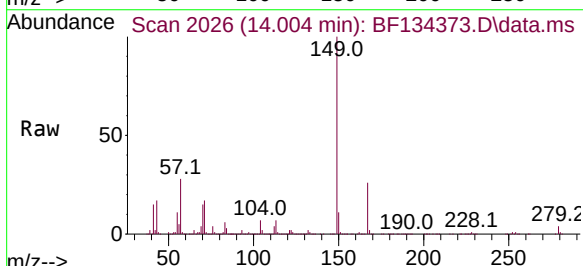
Tgt Ion:149 Resp: 407762

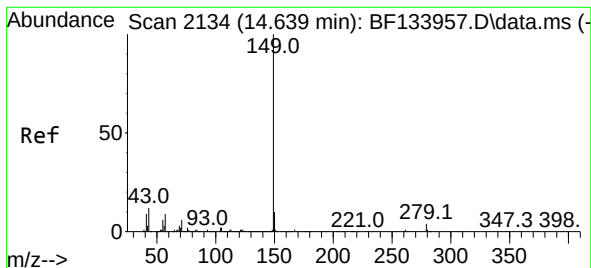
Ion Ratio Lower Upper

149 100

167 26.1 21.0 31.4

279 4.2 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 64.455 ng

RT: 14.627 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF134373.D

Acq: 19 Jul 2023 23:04

Instrument :

BNA_F

ClientSampleId :

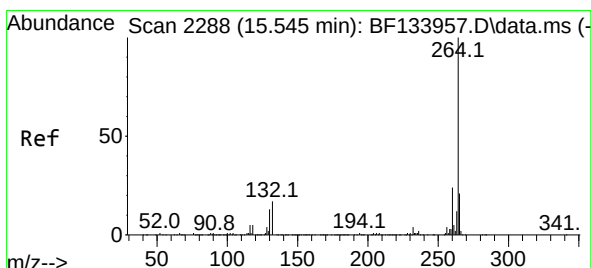
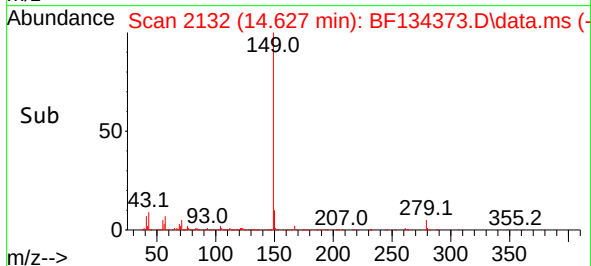
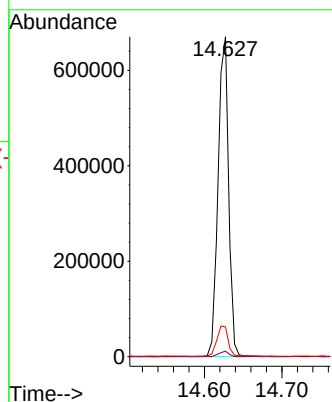
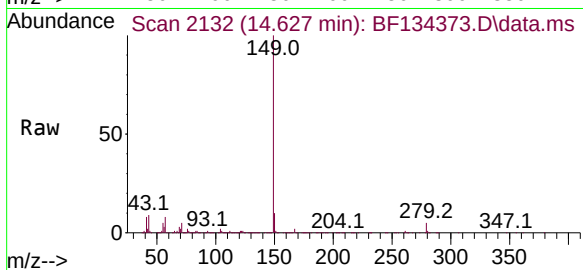
Tgt Ion:149 Resp: 637858

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.1 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2287

Delta R.T. -0.006 min

Lab File: BF134373.D

Acq: 19 Jul 2023 23:04

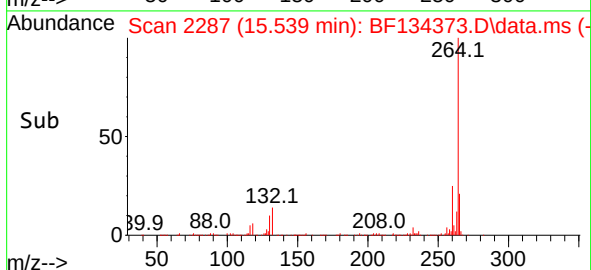
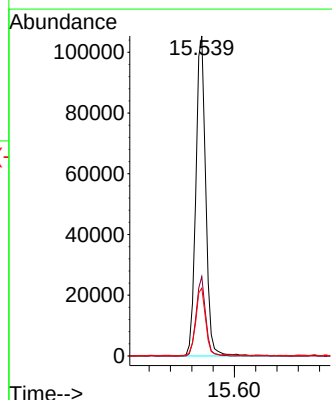
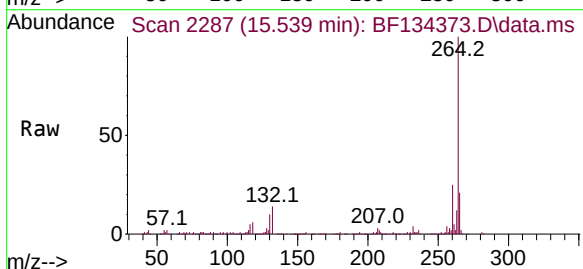
Tgt Ion:264 Resp: 135477

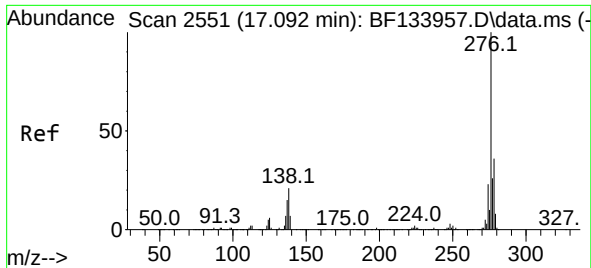
Ion Ratio Lower Upper

264 100

260 24.8 19.5 29.3

265 21.2 16.6 25.0

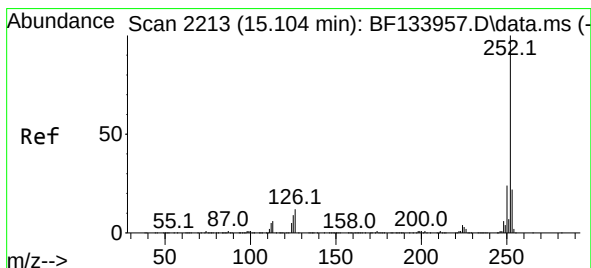
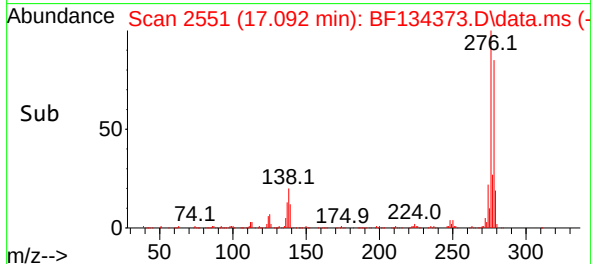
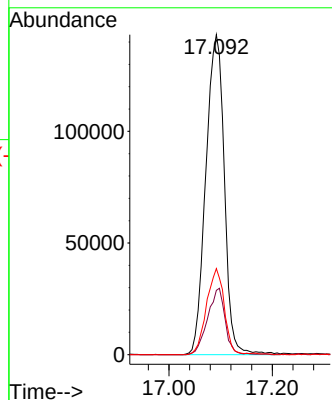
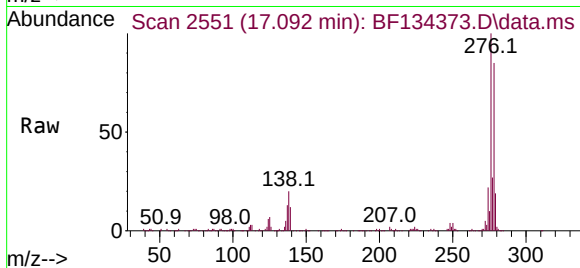




#87
Indeno(1,2,3-cd)pyrene
Concen: 37.958 ng
RT: 17.092 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

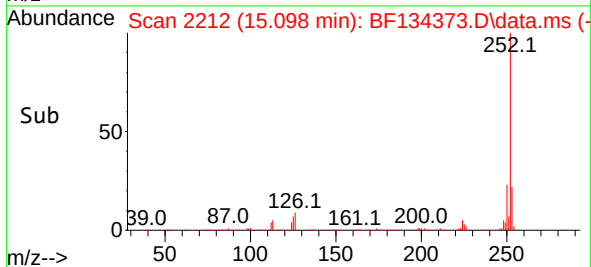
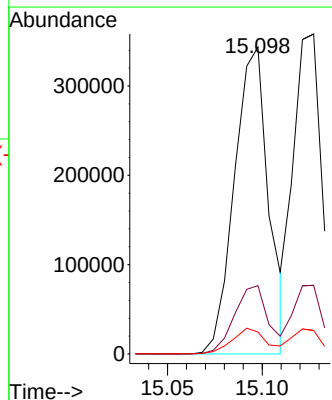
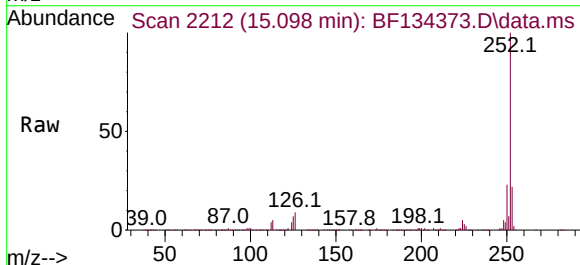
Instrument :
BNA_F
ClientSampleId :

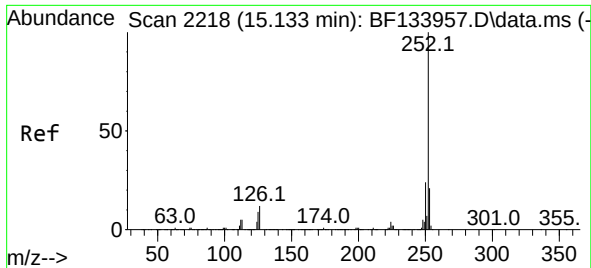
Tgt Ion:276 Resp: 356835
Ion Ratio Lower Upper
276 100
138 19.6 18.7 28.1
277 25.8 19.9 29.9



#88
Benzo(b)fluoranthene
Concen: 54.197 ng
RT: 15.098 min Scan# 2212
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

Tgt Ion:252 Resp: 431742
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 7.2 7.1 10.7

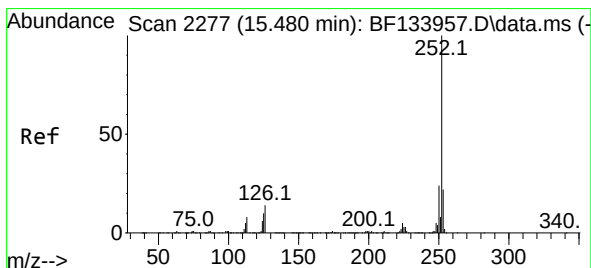
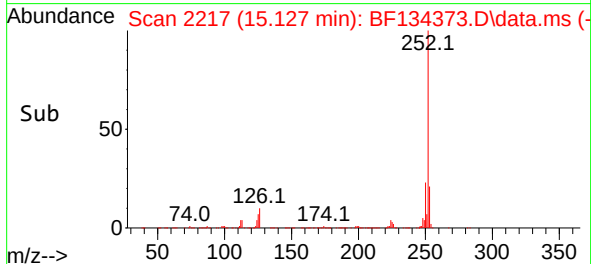
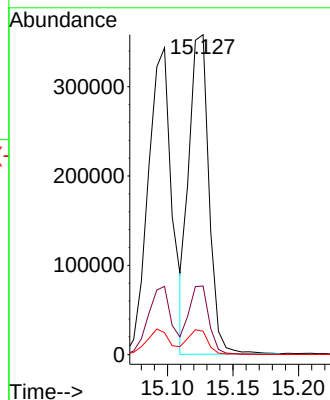
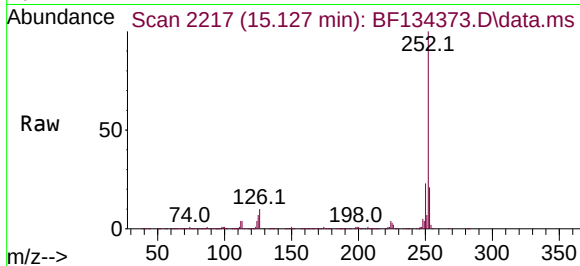




#89
Benzo(k)fluoranthene
Concen: 46.952 ng
RT: 15.127 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

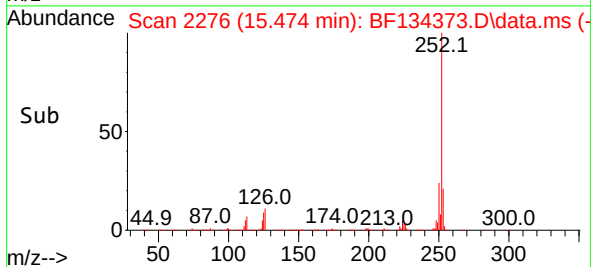
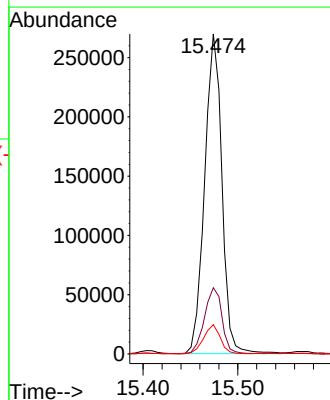
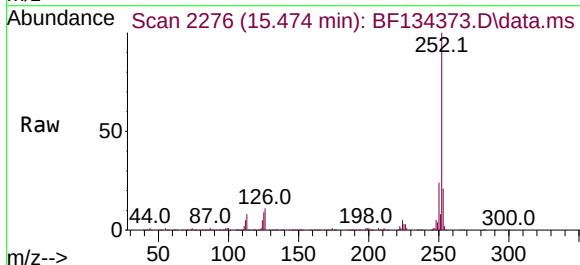
Instrument :
BNA_F
ClientSampleId :

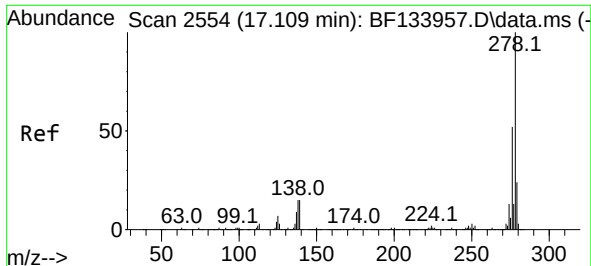
Tgt Ion:252 Resp: 380821
Ion Ratio Lower Upper
252 100
253 21.5 16.9 25.3
125 7.4 7.4 11.2#



#90
Benzo(a)pyrene
Concen: 44.330 ng
RT: 15.474 min Scan# 2276
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

Tgt Ion:252 Resp: 341482
Ion Ratio Lower Upper
252 100
253 20.7 17.4 26.0
125 9.1 8.4 12.6

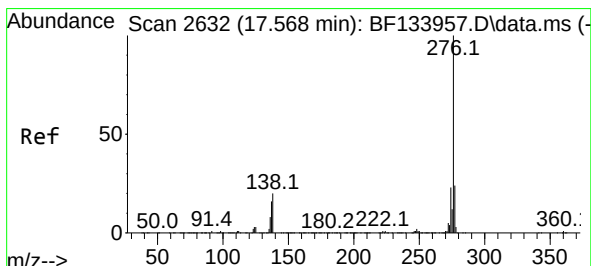
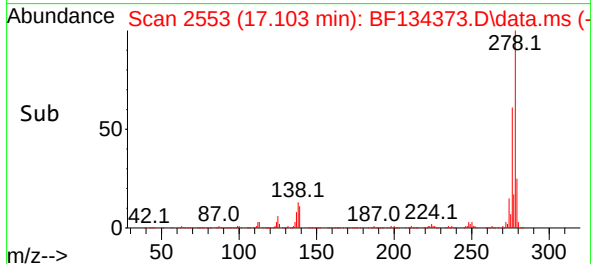
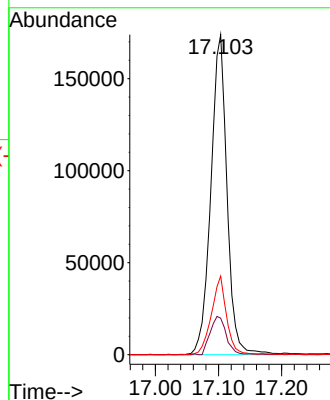
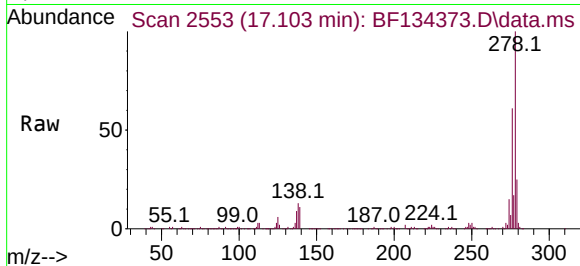




#91
Dibenzo(a,h)anthracene
Concen: 40.281 ng
RT: 17.103 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 309293
Ion Ratio Lower Upper
278 100
139 11.4 12.2 18.4#
279 24.6 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 31.285 ng
RT: 17.556 min Scan# 2630
Delta R.T. -0.012 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

Tgt Ion:276 Resp: 247720
Ion Ratio Lower Upper
276 100
277 23.5 19.0 28.6
138 15.7 16.2 24.2#

