

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071923\
 Data File : BF134372.D
 Acq On : 19 Jul 2023 22:31
 Operator : CG\JU
 Sample : 03639-21MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 20 00:46:44 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	72669	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	273881	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	126263	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	218121	20.000	ng	0.00
76) Chrysene-d12	14.033	240	144875	20.000	ng	0.00
86) Perylene-d12	15.533	264	118849	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	365066	84.035	ng	0.01
7) Phenol-d6	6.487	99	436610	81.723	ng	0.00
23) Nitrobenzene-d5	7.404	82	291053	57.285	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	132537	83.721	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	551986	63.560	ng	-0.01
79) Terphenyl-d14	12.963	244	484446	53.817	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.687	88	71390	39.855	ng	98
3) Pyridine	3.463	79	163604	35.065	ng	97
4) n-Nitrosodimethylamine	3.434	42	115765	43.442	ng	97
6) Aniline	6.504	93	248179	38.174	ng	# 72
8) 2-Chlorophenol	6.628	128	210690	47.776	ng	98
9) Benzaldehyde	6.392	77	124435	43.332	ng	95
10) Phenol	6.498	94	249746	44.460	ng	78
11) bis(2-Chloroethyl)ether	6.575	93	191207	46.235	ng	97
12) 1,3-Dichlorobenzene	6.781	146	231374	49.213	ng	98
13) 1,4-Dichlorobenzene	6.857	146	237032	49.915	ng	99
14) 1,2-Dichlorobenzene	7.004	146	221018	49.696	ng	99
15) Benzyl Alcohol	6.987	79	193386	46.954	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.110	45	287654	39.317	ng	74
17) 2-Methylphenol	7.098	107	169472	42.915	ng	94
18) Hexachloroethane	7.345	117	81965	46.550	ng	97
19) n-Nitroso-di-n-propyla...	7.257	70	155960	46.032	ng	94
20) 3+4-Methylphenols	7.251	107	213166	44.495	ng	96
22) Acetophenone	7.251	105	302399	48.549	ng	# 95
24) Nitrobenzene	7.422	77	231686	45.126	ng	93
25) Isophorone	7.663	82	405232	43.885	ng	99
26) 2-Nitrophenol	7.739	139	109653	44.520	ng	96
27) 2,4-Dimethylphenol	7.781	122	178063	45.672	ng	95
28) bis(2-Chloroethoxy)met...	7.869	93	233980	43.761	ng	98
29) 2,4-Dichlorophenol	7.981	162	170689	44.151	ng	96
30) 1,2,4-Trichlorobenzene	8.057	180	189324	47.460	ng	97
31) Naphthalene	8.139	128	578944	43.762	ng	99
32) Benzoic acid	7.916	122	97841	33.491	ng	92
33) 4-Chloroaniline	8.192	127	132939	23.492	ng	99
34) Hexachlorobutadiene	8.251	225	130595	51.898	ng	100
35) Caprolactam	8.575	113	41955	32.959	ng	94
36) 4-Chloro-3-methylphenol	8.681	107	192971	44.432	ng	94
37) 2-Methylnaphthalene	8.833	142	381114	40.738	ng	97
38) 1-Methylnaphthalene	8.933	142	357714	41.131	ng	98
40) 1,2,4,5-Tetrachloroben...	8.998	216	186084	49.745	ng	98
41) Hexachlorocyclopentadiene	8.981	237	34645	19.522	ng	99
43) 2,4,6-Trichlorophenol	9.116	196	118822	46.661	ng	98

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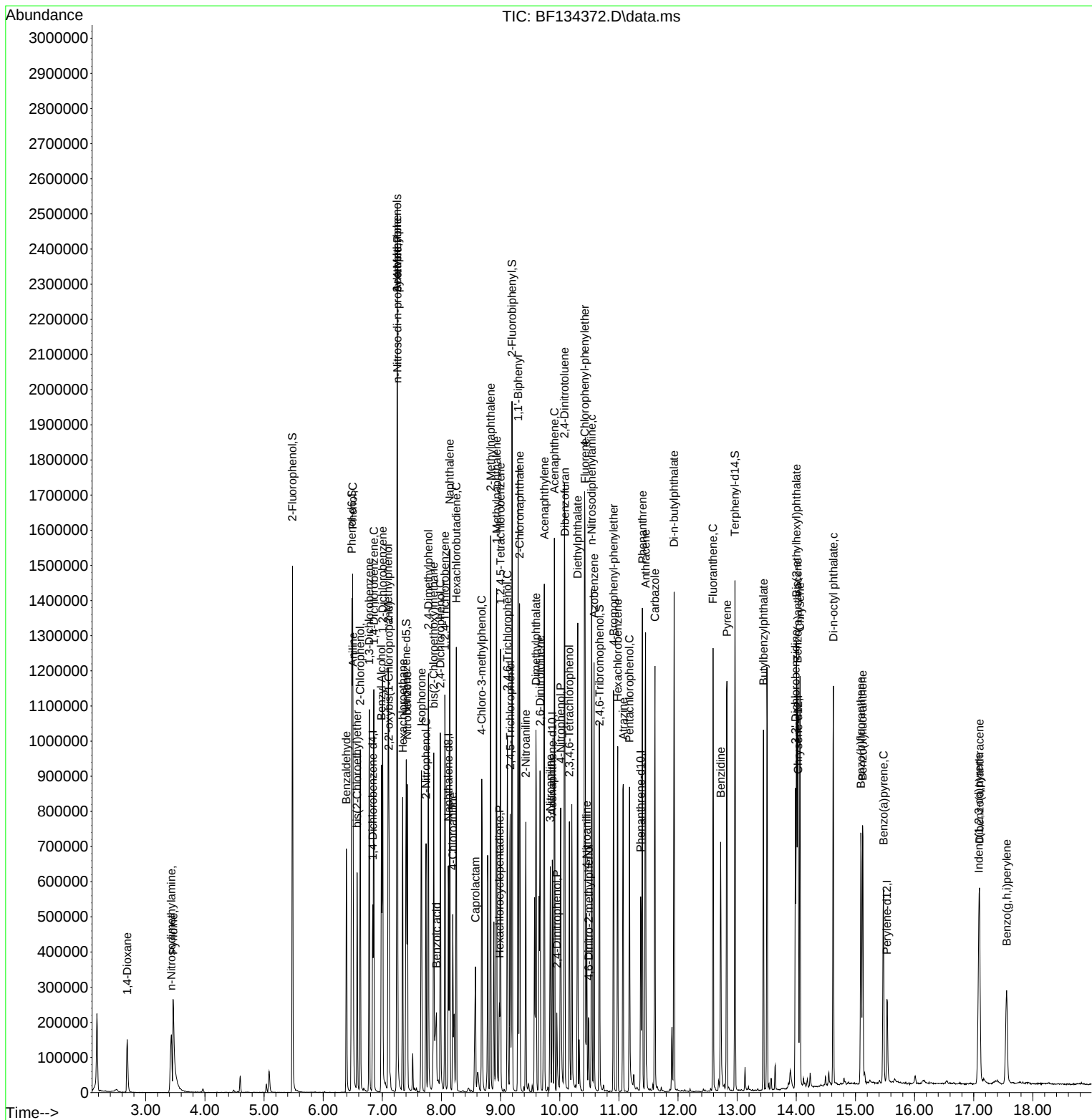
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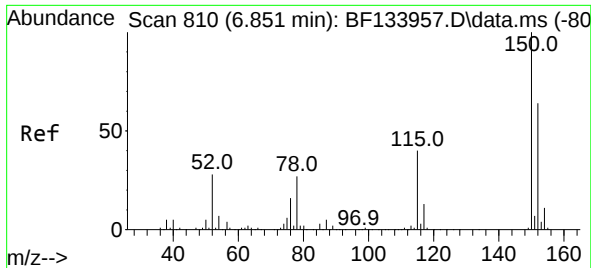
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	127939	42.712	ng	96
46) 1,1'-Biphenyl	9.298	154	482812	47.669	ng	98
47) 2-Chloronaphthalene	9.322	162	347743	46.925	ng	96
48) 2-Nitroaniline	9.428	65	120780	44.721	ng	96
49) Acenaphthylene	9.739	152	542050	42.819	ng	99
50) Dimethylphthalate	9.598	163	435454	47.510	ng	100
51) 2,6-Dinitrotoluene	9.669	165	87904	44.529	ng	93
52) Acenaphthene	9.910	154	329542	44.863	ng	99
53) 3-Nitroaniline	9.839	138	85105	35.936	ng	96
54) 2,4-Dinitrophenol	9.951	184	29199	28.239	ng	85
55) Dibenzofuran	10.086	168	491246	42.792	ng	99
56) 4-Nitrophenol	10.016	139	118465	71.513	ng	93
57) 2,4-Dinitrotoluene	10.080	165	110944	42.556	ng	# 89
58) Fluorene	10.427	166	389556	43.617	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	91700	38.811	ng	91
60) Diethylphthalate	10.304	149	449518	47.075	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	197967	45.995	ng	97
62) 4-Nitroaniline	10.457	138	81202	34.023	ng	90
63) Azobenzene	10.580	77	369441	40.901	ng	97
65) 4,6-Dinitro-2-methylph...	10.492	198	25227	21.214	ng	96
66) n-Nitrosodiphenylamine	10.539	169	341867	49.055	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	117038	50.483	ng	93
68) Hexachlorobenzene	10.980	284	128603	52.245	ng	92
69) Atrazine	11.074	200	110758	57.456	ng	94
70) Pentachlorophenol	11.180	266	104957	71.312	ng	96
71) Phenanthrene	11.398	178	481369	43.838	ng	100
72) Anthracene	11.451	178	489529	42.862	ng	98
73) Carbazole	11.610	167	453642	43.395	ng	98
74) Di-n-butylphthalate	11.933	149	625710	50.333	ng	100
75) Fluoranthene	12.592	202	506685	42.683	ng	97
77) Benzidine	12.721	184	310639	90.113	ng	99
78) Pyrene	12.827	202	504040	37.385	ng	99
80) Butylbenzylphthalate	13.445	149	231952	45.871	ng	96
81) Benzo(a)anthracene	14.021	228	449861	44.774	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	162177	50.948	ng	98
83) Chrysene	14.063	228	412778	42.417	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	335223	57.694	ng	99
85) Di-n-octyl phthalate	14.627	149	539416	63.182	ng	97
87) Indeno(1,2,3-cd)pyrene	17.086	276	314041	38.080	ng	# 95
88) Benzo(b)fluoranthene	15.092	252	361480	51.726	ng	99
89) Benzo(k)fluoranthene	15.121	252	327160	45.980	ng	98
90) Benzo(a)pyrene	15.474	252	282697	41.833	ng	# 98
91) Dibenzo(a,h)anthracene	17.098	278	263691	39.146	ng	95
92) Benzo(g,h,i)perylene	17.556	276	247819	35.676	ng	# 95

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

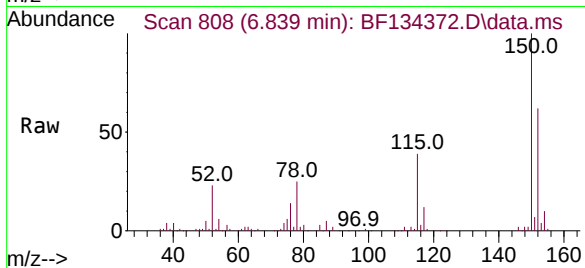
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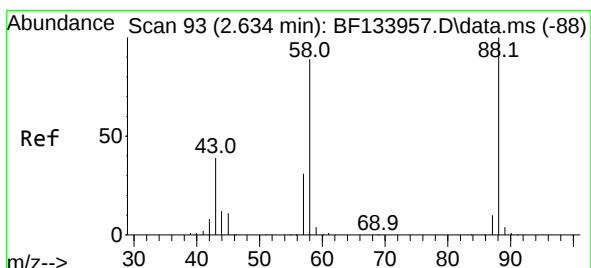
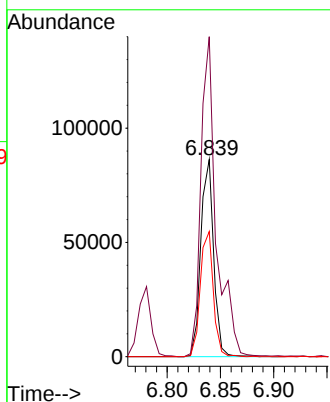
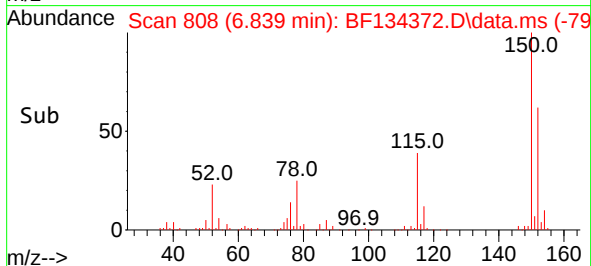


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.839 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF134372.D
 Acq: 19 Jul 2023 22:31

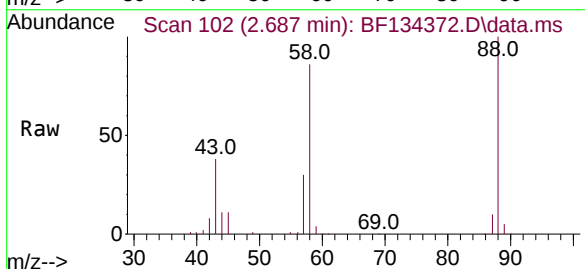
Instrument :
 BNA_F
 ClientSampleId :



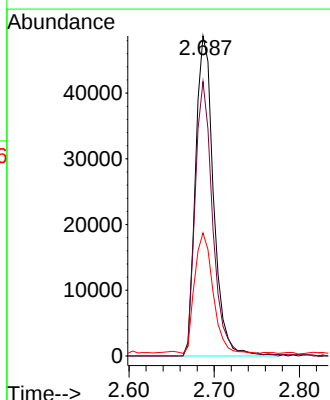
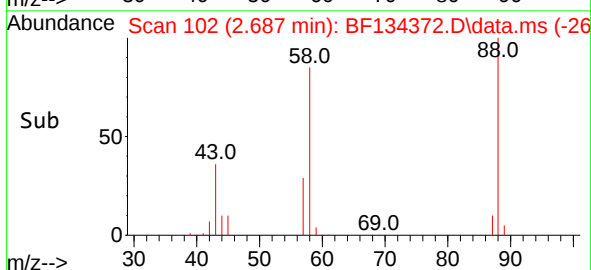
Tgt Ion:152 Resp: 72669
 Ion Ratio Lower Upper
 152 100
 150 162.4 124.5 186.7
 115 63.5 50.2 75.2

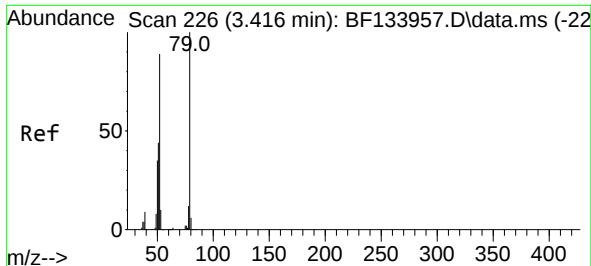


#2
 1,4-Dioxane
 Concen: 39.855 ng
 RT: 2.687 min Scan# 102
 Delta R.T. 0.094 min
 Lab File: BF134372.D
 Acq: 19 Jul 2023 22:31



Tgt Ion: 88 Resp: 71390
 Ion Ratio Lower Upper
 88 100
 58 84.3 68.8 103.2
 43 39.1 30.7 46.1





#3

Pyridine

Concen: 35.065 ng

RT: 3.463 min Scan# 21

Delta R.T. 0.082 min

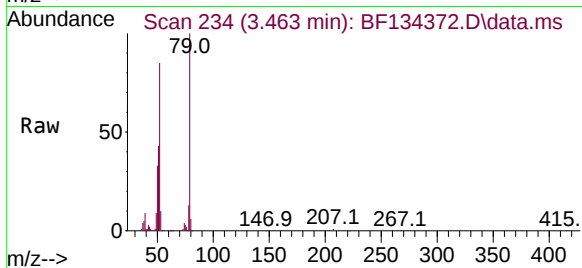
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Acq: 19 Jul 2023 22:31

Instrument :

BNA_F

ClientSampleId :



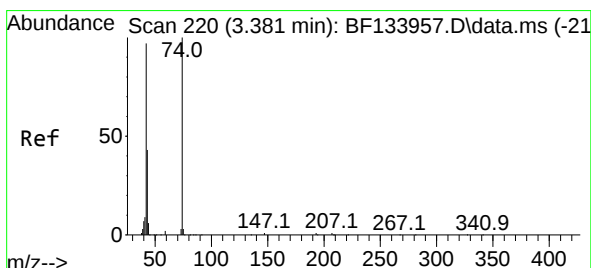
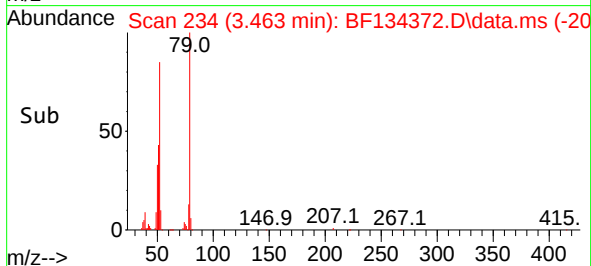
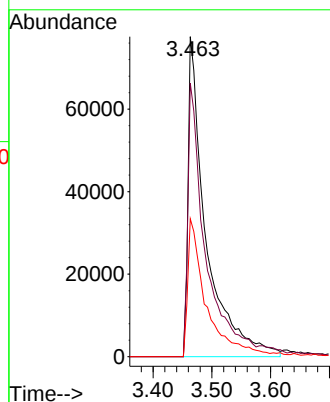
Tgt Ion: 79 Resp: 163604

Ion Ratio Lower Upper

79 100

52 85.5 71.1 106.7

51 43.1 35.2 52.8



#4

n-Nitrosodimethylamine

Concen: 43.442 ng

RT: 3.434 min Scan# 229

Delta R.T. 0.094 min

Lab File: BF134372.D

Acq: 19 Jul 2023 22:31

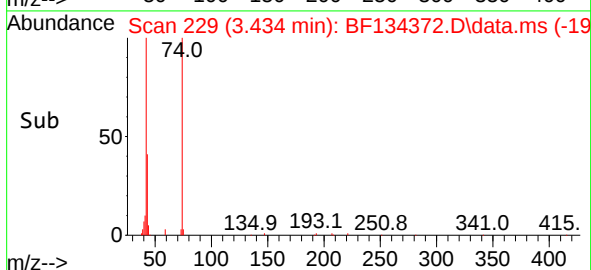
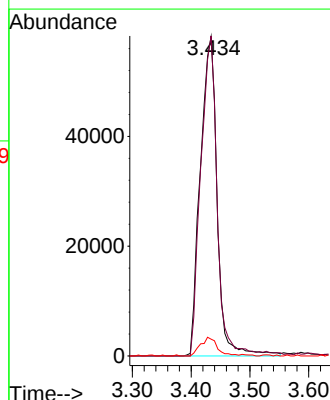
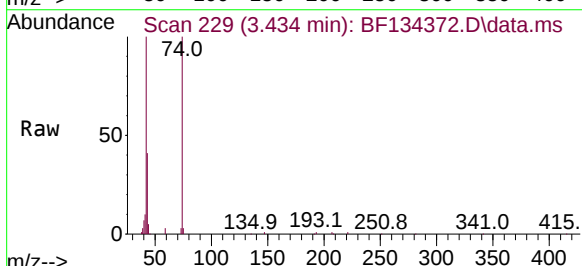
Tgt Ion: 42 Resp: 115765

Ion Ratio Lower Upper

42 100

74 100.3 82.4 123.6

44 5.3 4.9 7.3

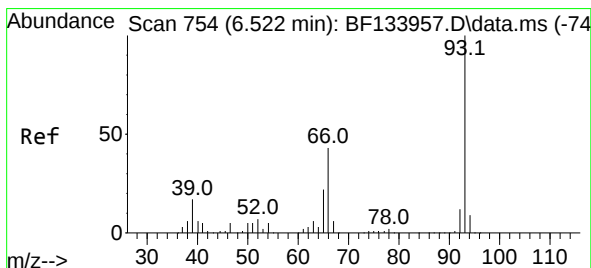
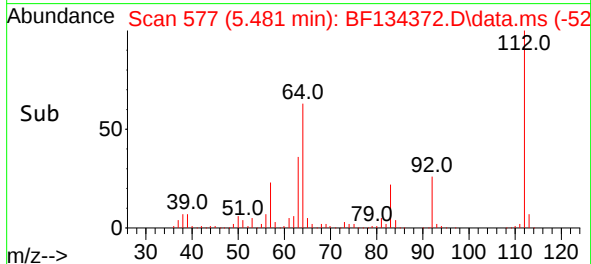
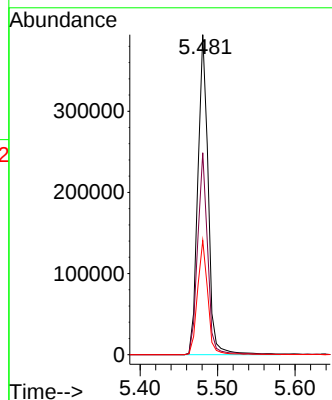
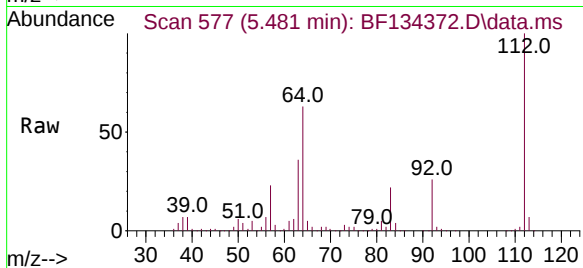




#5
2-Fluorophenol
Concen: 84.035 ng
RT: 5.481 min Scan# 511
Delta R.T. 0.012 min
Lab File: BF134372.D
Acq: 19 Jul 2023 22:31

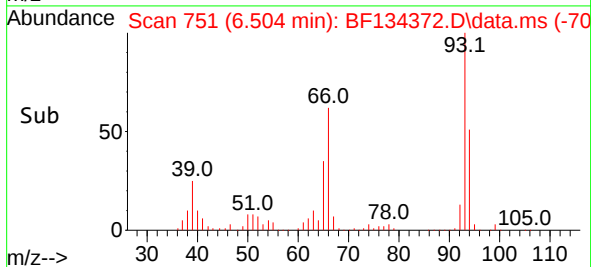
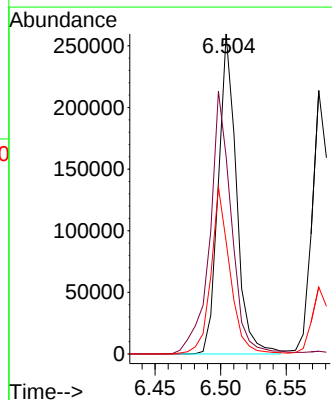
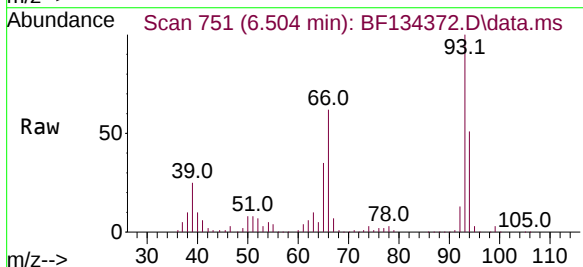
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 365066
Ion Ratio Lower Upper
112 100
64 63.1 52.1 78.1
63 35.7 28.6 42.8



#6
Aniline
Concen: 38.174 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF134372.D
Acq: 19 Jul 2023 22:31

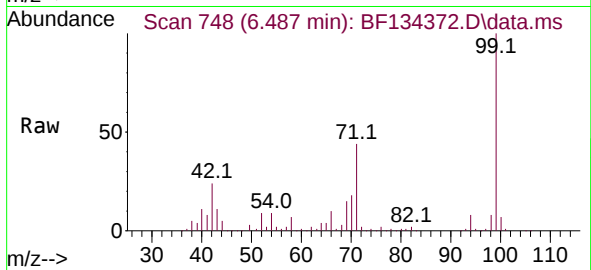
Tgt Ion: 93 Resp: 248179
Ion Ratio Lower Upper
93 100
66 61.7 34.5 51.7#
65 35.2 17.8 26.6#



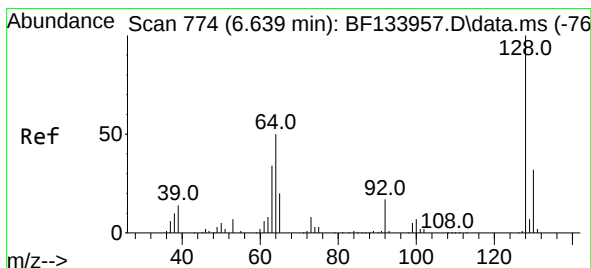
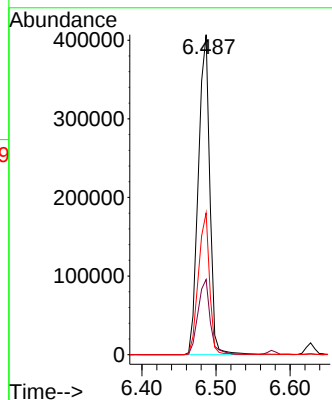
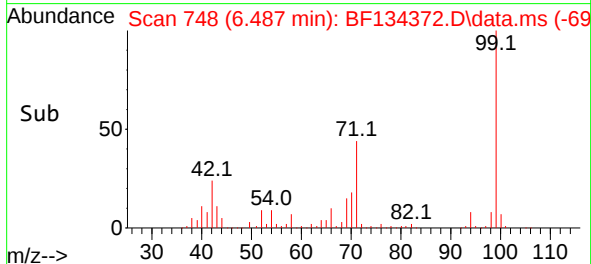


#7
Phenol-d6
Concen: 81.723 ng
RT: 6.487 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF134372.D
Acq: 19 Jul 2023 22:31

Instrument :
BNA_F
ClientSampleId :

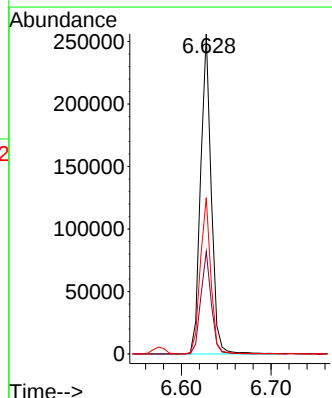
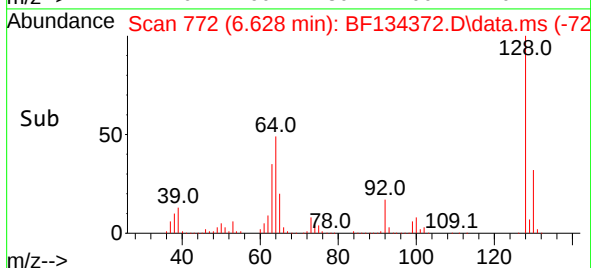
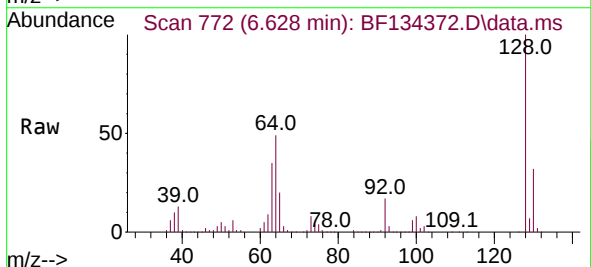


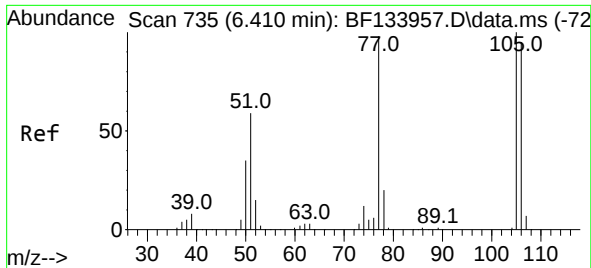
Tgt Ion: 99 Resp: 436610
Ion Ratio Lower Upper
99 100
42 23.5 19.8 29.6
71 44.3 31.9 47.9



#8
2-Chlorophenol
Concen: 47.776 ng
RT: 6.628 min Scan# 772
Delta R.T. -0.006 min
Lab File: BF134372.D
Acq: 19 Jul 2023 22:31

Tgt Ion:128 Resp: 210690
Ion Ratio Lower Upper
128 100
130 32.0 11.7 51.7
64 48.8 31.3 71.3





#9

Benzaldehyde

Concen: 43.332 ng

RT: 6.392 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF134372.D

Acq: 19 Jul 2023 22:31

Instrument :

BNA_F

ClientSampleId :

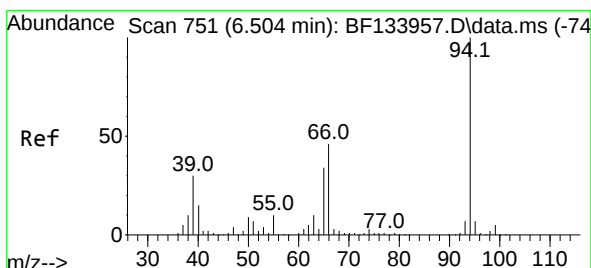
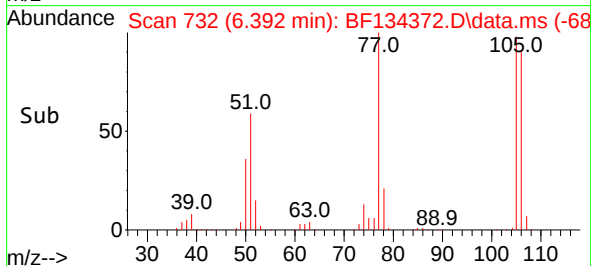
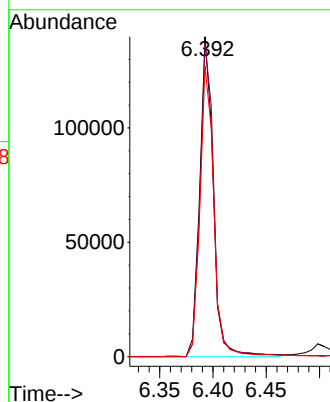
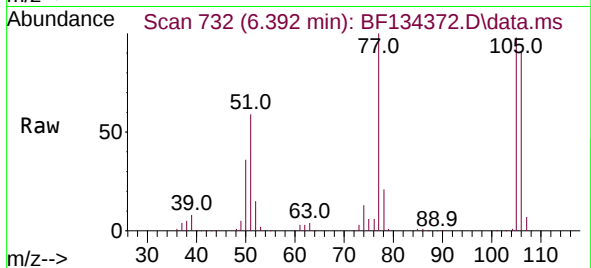
Tgt Ion: 77 Resp: 124435

Ion Ratio Lower Upper

77 100

105 97.8 82.0 122.0

106 90.8 76.9 116.9



#10

Phenol

Concen: 44.460 ng

RT: 6.498 min Scan# 750

Delta R.T. 0.000 min

Lab File: BF134372.D

Acq: 19 Jul 2023 22:31

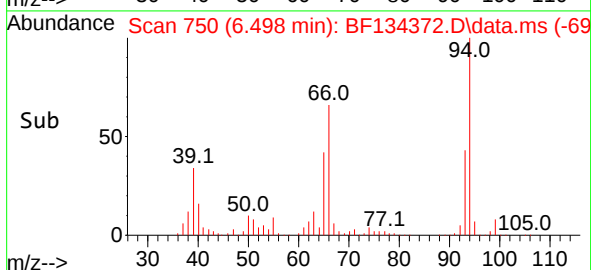
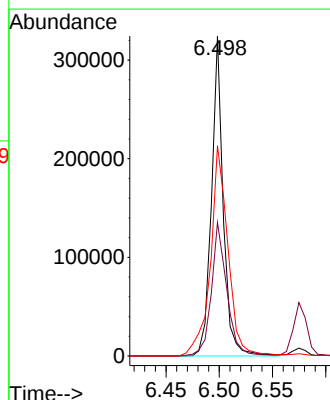
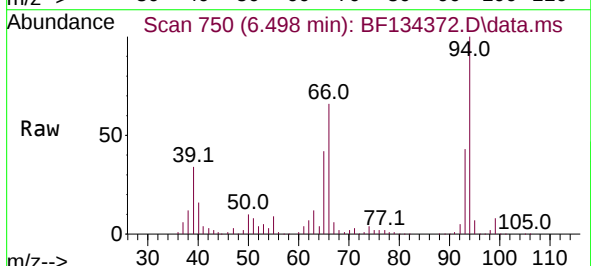
Tgt Ion: 94 Resp: 249746

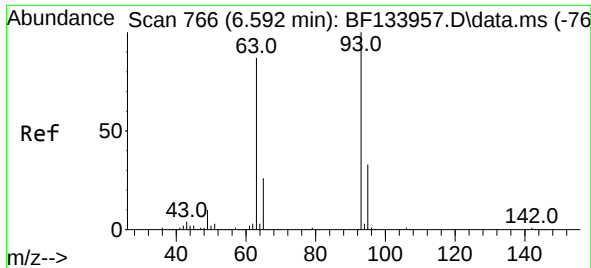
Ion Ratio Lower Upper

94 100

65 41.7 14.2 54.2

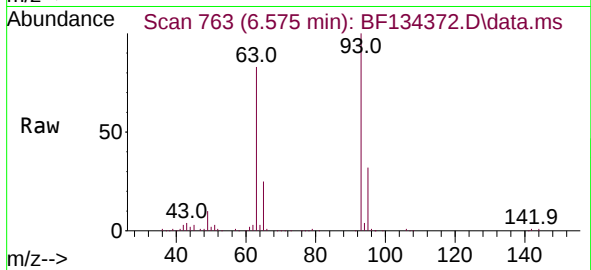
66 65.7 26.4 66.4



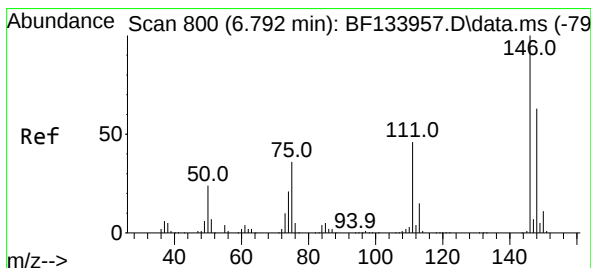
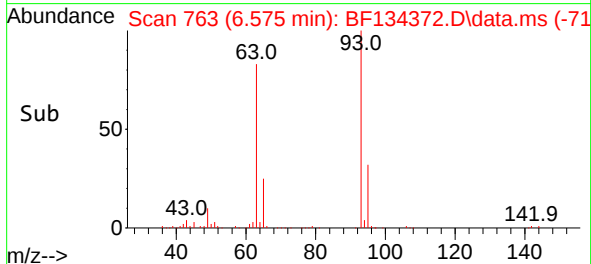
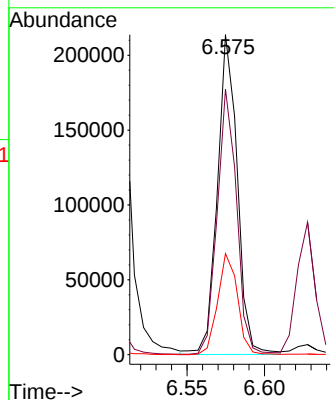


#11
bis(2-Chloroethyl)ether
Concen: 46.235 ng
RT: 6.575 min Scan# 701
Delta R.T. -0.012 min
Lab File: BF134372.D
Acq: 19 Jul 2023 22:31

Instrument :
BNA_F
ClientSampleId :

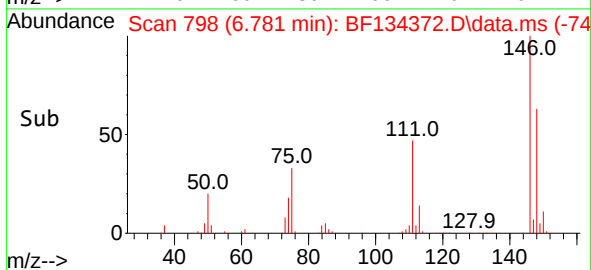
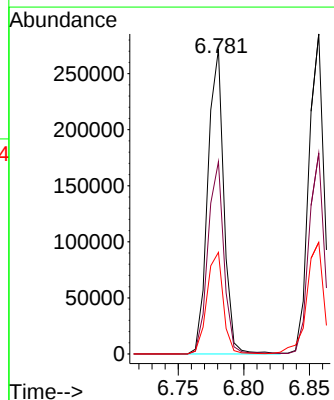
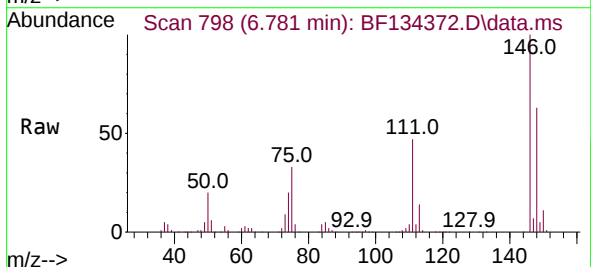


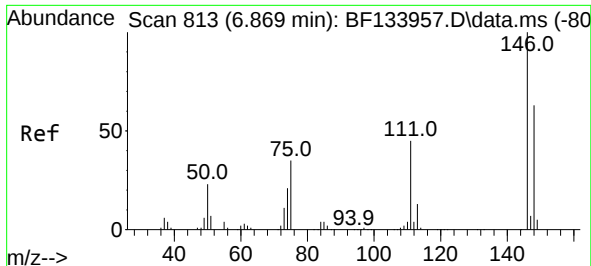
Tgt Ion: 93 Resp: 191207
Ion Ratio Lower Upper
93 100
63 83.0 66.5 106.5
95 31.6 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 49.213 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF134372.D
Acq: 19 Jul 2023 22:31

Tgt Ion: 146 Resp: 231374
Ion Ratio Lower Upper
146 100
148 63.1 50.5 75.7
75 33.4 29.0 43.6

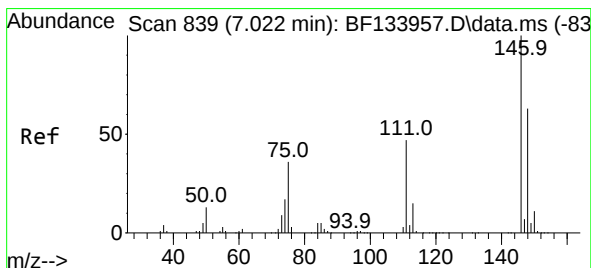
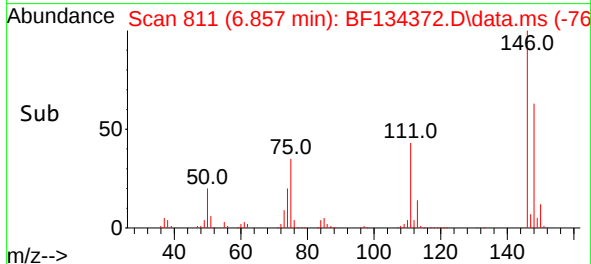
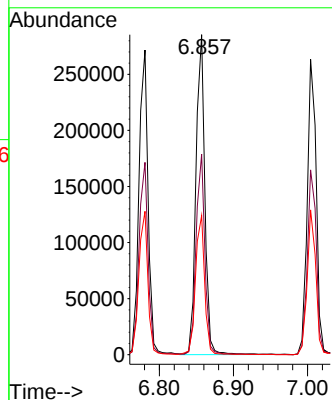
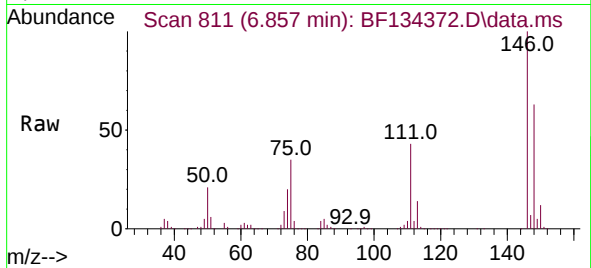




#13
1,4-Dichlorobenzene
Concen: 49.915 ng
RT: 6.857 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF134372.D
Acq: 19 Jul 2023 22:31

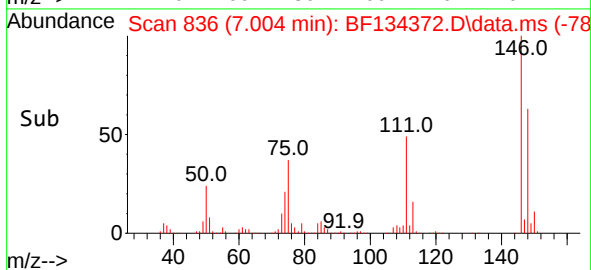
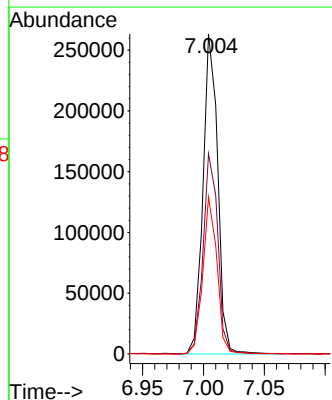
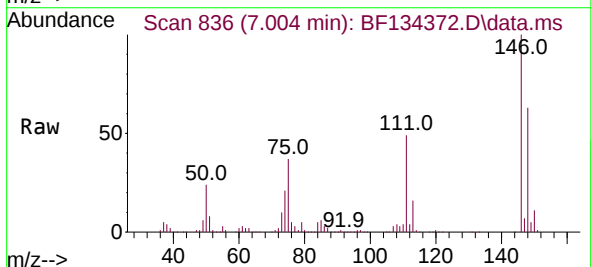
Instrument :
BNA_F
ClientSampleId :

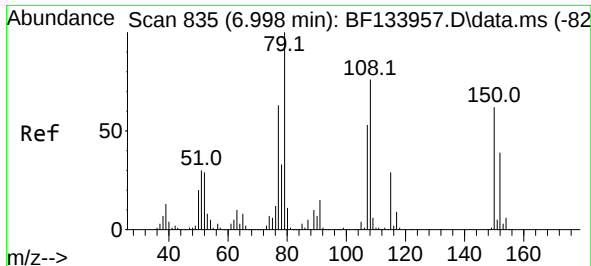
Tgt Ion:146 Resp: 237032
Ion Ratio Lower Upper
146 100
148 62.7 50.2 75.2
111 43.5 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 49.696 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.012 min
Lab File: BF134372.D
Acq: 19 Jul 2023 22:31

Tgt Ion:146 Resp: 221018
Ion Ratio Lower Upper
146 100
148 62.6 50.6 76.0
111 49.0 38.0 57.0

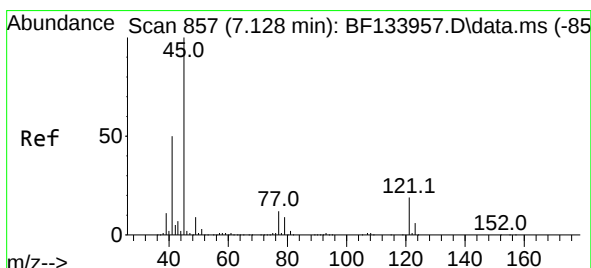
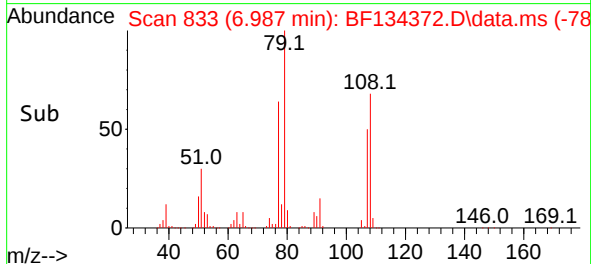
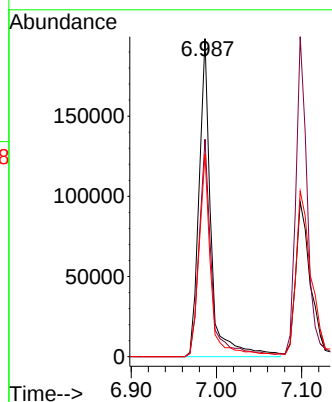
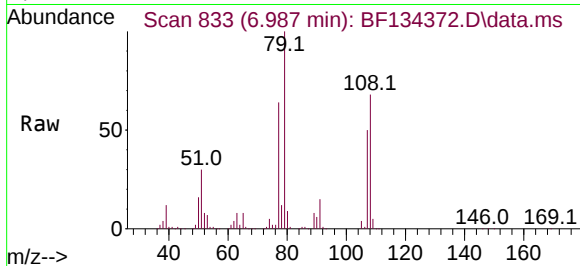




#15
Benzyl Alcohol
Concen: 46.954 ng
RT: 6.987 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF134372.D
Acq: 19 Jul 2023 22:31

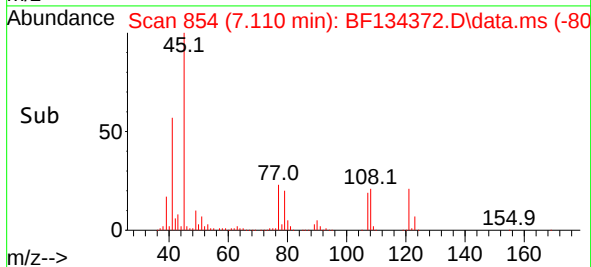
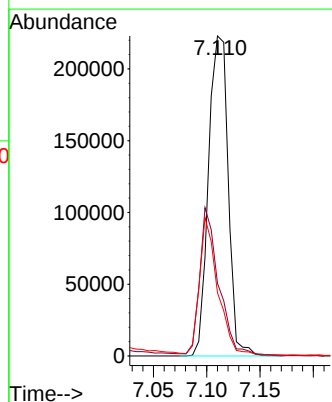
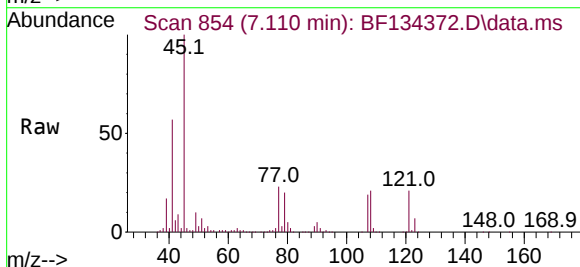
Instrument :
BNA_F
ClientSampleId :

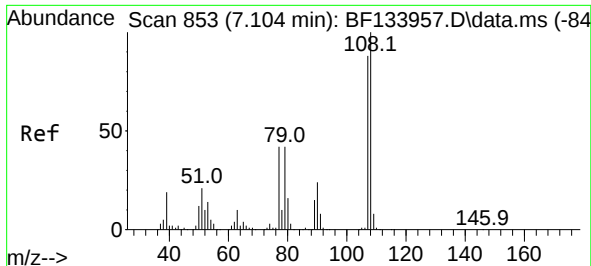
Tgt Ion: 79 Resp: 193386
Ion Ratio Lower Upper
79 100
108 68.3 60.7 91.1
77 63.8 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.317 ng
RT: 7.110 min Scan# 854
Delta R.T. -0.012 min
Lab File: BF134372.D
Acq: 19 Jul 2023 22:31

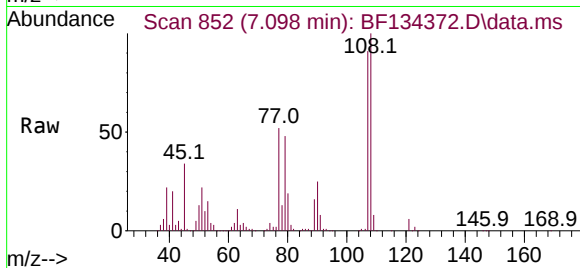
Tgt Ion: 45 Resp: 287654
Ion Ratio Lower Upper
45 100
77 22.7 0.0 32.9
79 19.8 0.0 29.5



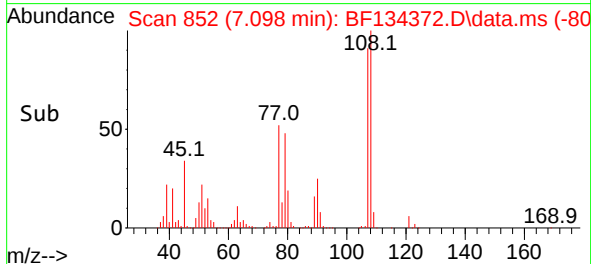
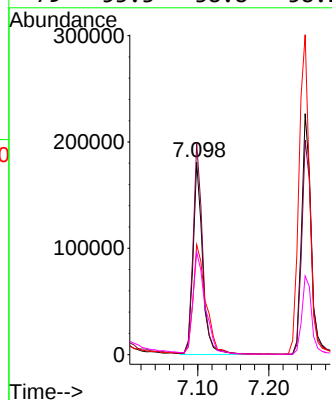


#17
2-Methylphenol
Concen: 42.915 ng
RT: 7.098 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF134372.D
Acq: 19 Jul 2023 22:31

Instrument :
BNA_F
ClientSampleId :

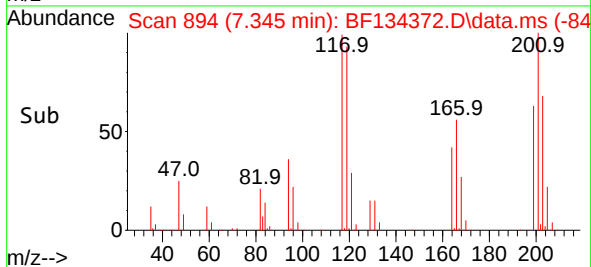
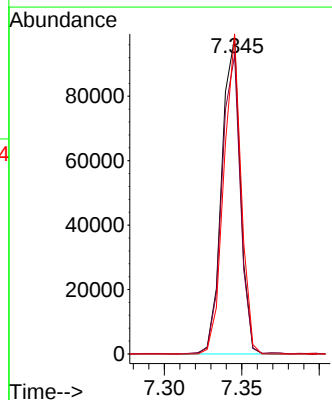
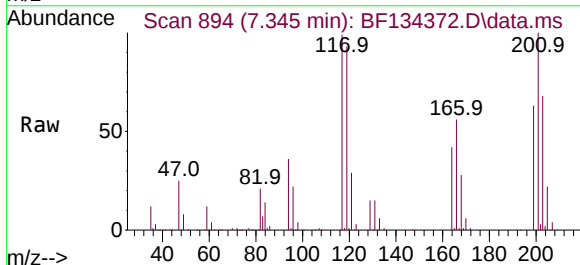


Tgt Ion:107 Resp: 169472
Ion Ratio Lower Upper
107 100
108 110.3 90.6 136.0
77 57.1 38.3 57.5
79 53.3 38.8 58.2



#18
Hexachloroethane
Concen: 46.550 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF134372.D
Acq: 19 Jul 2023 22:31

Tgt Ion:117 Resp: 81965
Ion Ratio Lower Upper
117 100
119 94.5 74.2 111.4
201 101.2 77.2 115.8

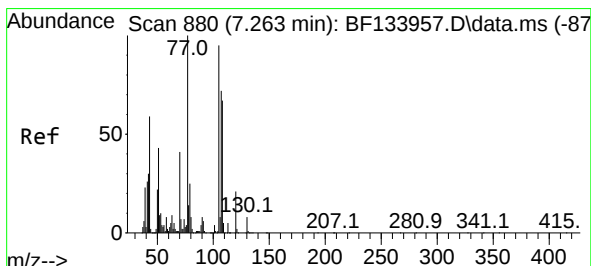
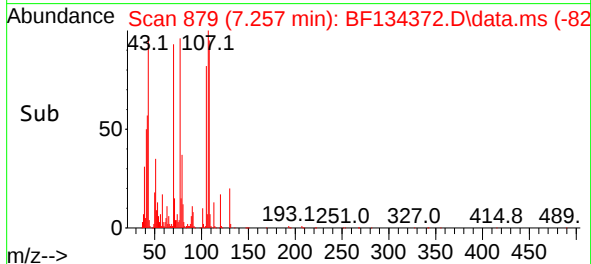
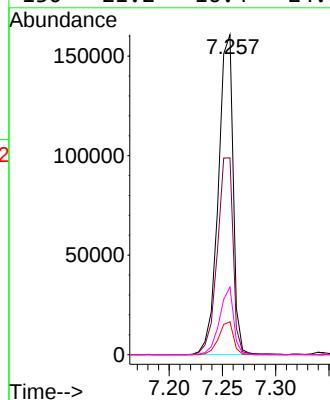
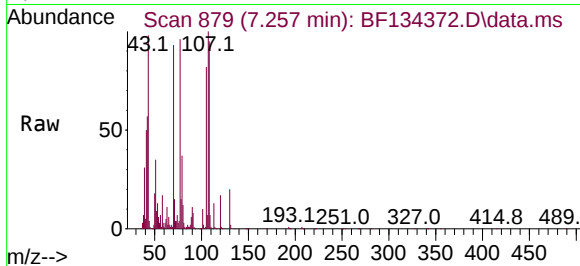




#19
n-Nitroso-di-n-propylamine
Concen: 46.032 ng
RT: 7.257 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF134372.D
Acq: 19 Jul 2023 22:31

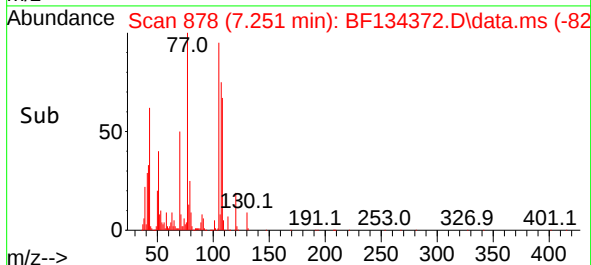
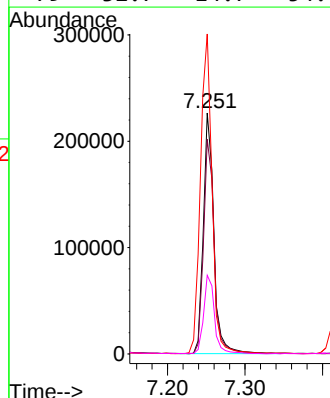
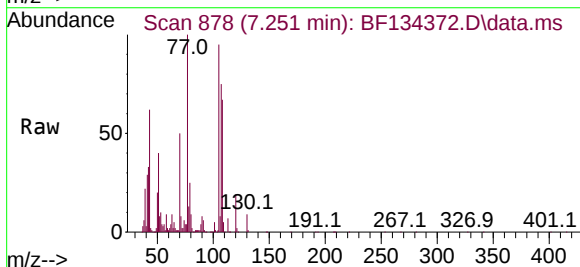
Instrument :
BNA_F
ClientSampleId :

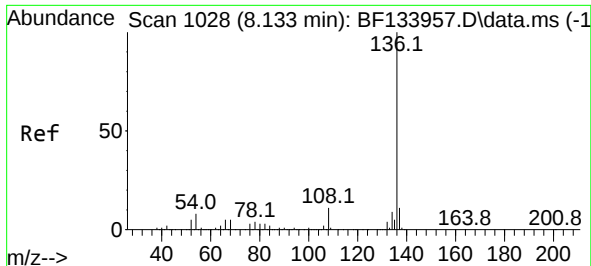
Tgt Ion: 70 Resp: 155960
Ion Ratio Lower Upper
70 100
42 61.5 54.7 82.1
101 10.3 7.7 11.5
130 21.2 16.4 24.6



#20
3+4-Methylphenols
Concen: 44.495 ng
RT: 7.251 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF134372.D
Acq: 19 Jul 2023 22:31

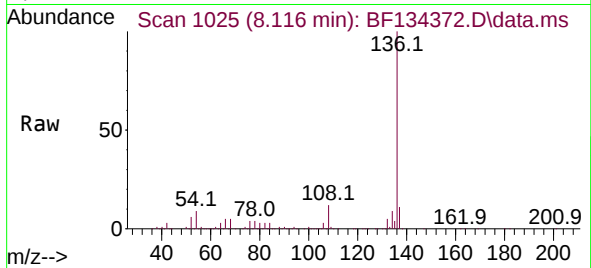
Tgt Ion: 107 Resp: 213166
Ion Ratio Lower Upper
107 100
108 89.0 73.2 113.2
77 132.8 118.3 158.3
79 32.7 14.7 54.7



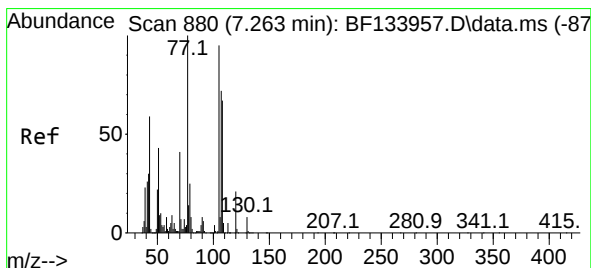
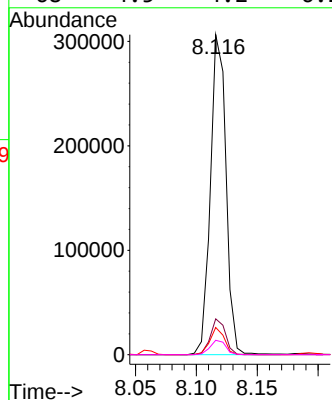
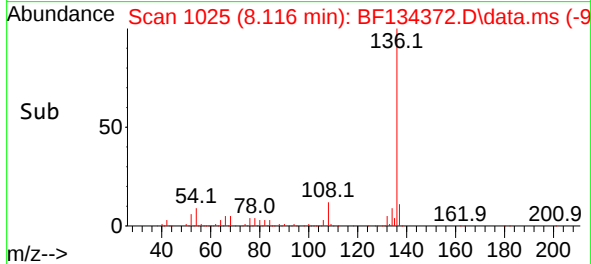


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF134372.D
Acq: 19 Jul 2023 22:31

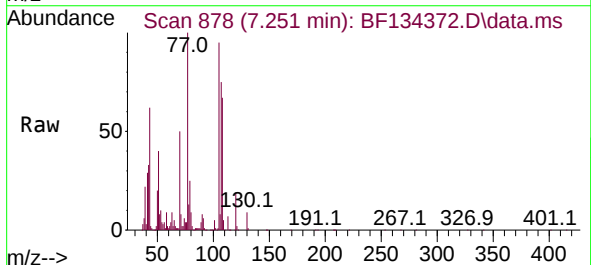
Instrument :
BNA_F
ClientSampleId :



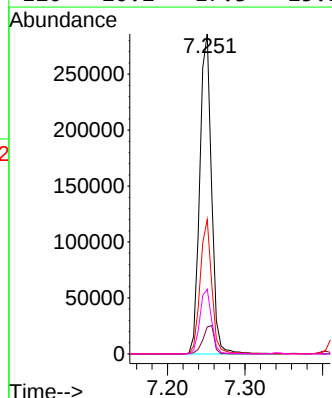
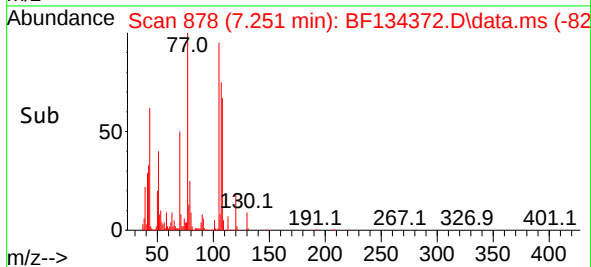
Tgt Ion:136 Resp: 273881
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 8.5 6.5 9.7
68 4.5 4.2 6.2

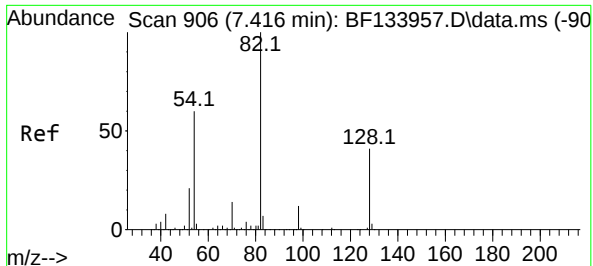


#22
Acetophenone
Concen: 48.549 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.006 min
Lab File: BF134372.D
Acq: 19 Jul 2023 22:31



Tgt Ion:105 Resp: 302399
Ion Ratio Lower Upper
105 100
71 8.4 5.5 8.3#
51 42.0 36.5 54.7
120 20.2 17.3 25.9





#23

Nitrobenzene-d5

Concen: 57.285 ng

RT: 7.404 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF134372.D

Acq: 19 Jul 2023 22:31

Instrument :

BNA_F

ClientSampleId :

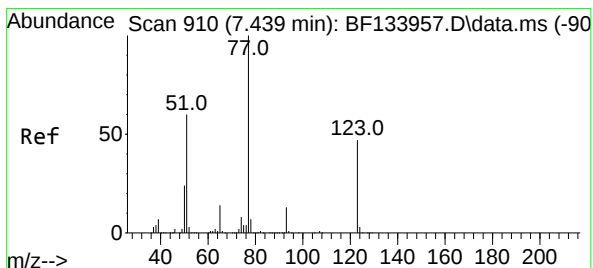
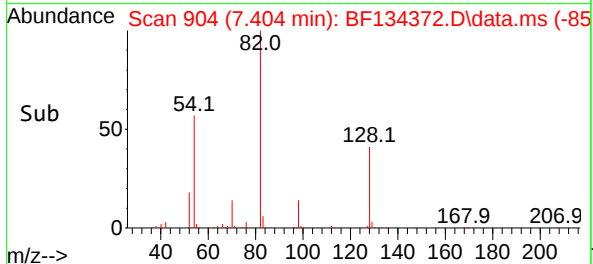
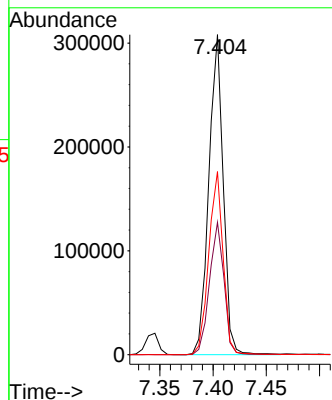
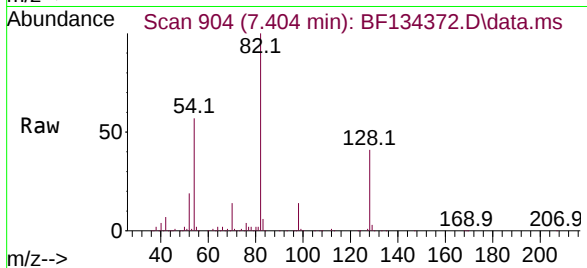
Tgt Ion: 82 Resp: 291053

Ion Ratio Lower Upper

82 100

128 41.4 32.5 48.7

54 57.2 48.2 72.2



#24

Nitrobenzene

Concen: 45.126 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF134372.D

Acq: 19 Jul 2023 22:31

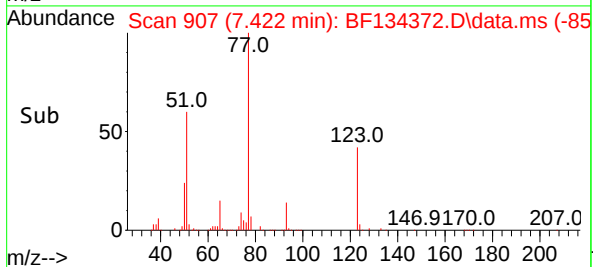
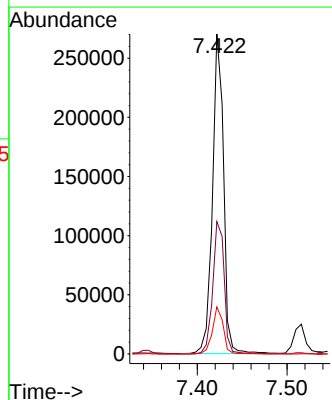
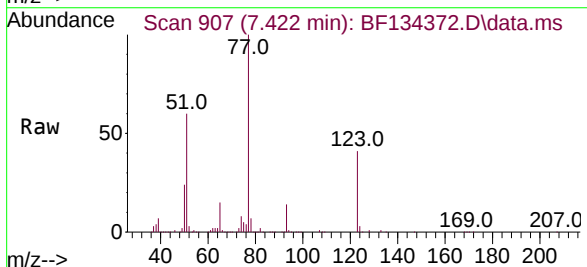
Tgt Ion: 77 Resp: 231686

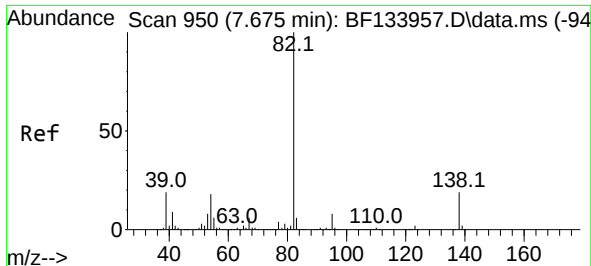
Ion Ratio Lower Upper

77 100

123 41.3 37.8 56.6

65 14.7 11.3 16.9

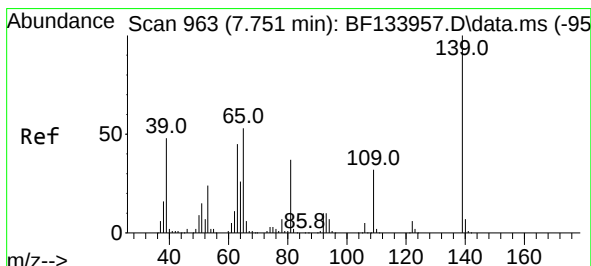
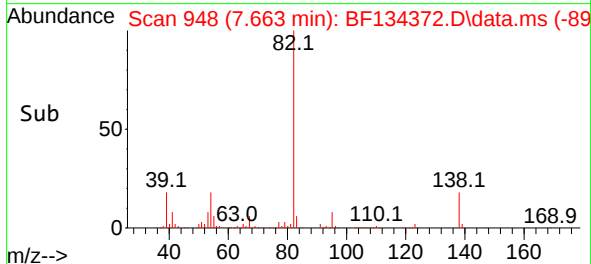
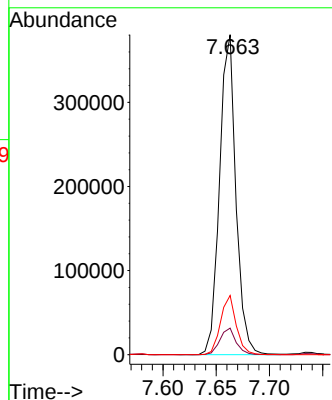
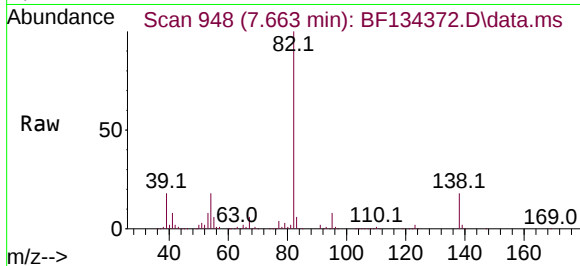




#25
Isophorone
Concen: 43.885 ng
RT: 7.663 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF134372.D
Acq: 19 Jul 2023 22:31

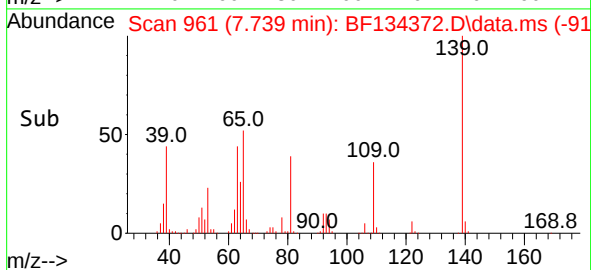
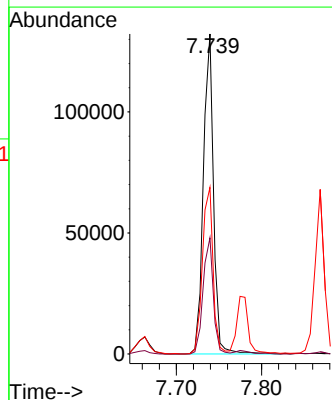
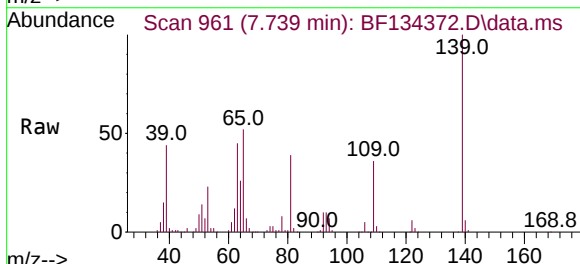
Instrument :
BNA_F
ClientSampleId :

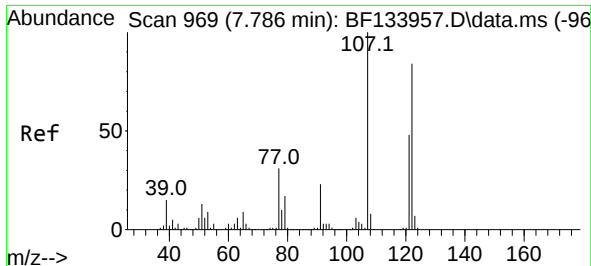
Tgt Ion: 82 Resp: 405232
Ion Ratio Lower Upper
82 100
95 8.3 6.1 9.1
138 18.5 15.2 22.8



#26
2-Nitrophenol
Concen: 44.520 ng
RT: 7.739 min Scan# 961
Delta R.T. -0.006 min
Lab File: BF134372.D
Acq: 19 Jul 2023 22:31

Tgt Ion:139 Resp: 109653
Ion Ratio Lower Upper
139 100
109 36.3 25.8 38.8
65 52.0 42.4 63.6





#27

2,4-Dimethylphenol

Concen: 45.672 ng

RT: 7.781 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF134372.D

Acq: 19 Jul 2023 22:31

Instrument :

BNA_F

ClientSampleId :

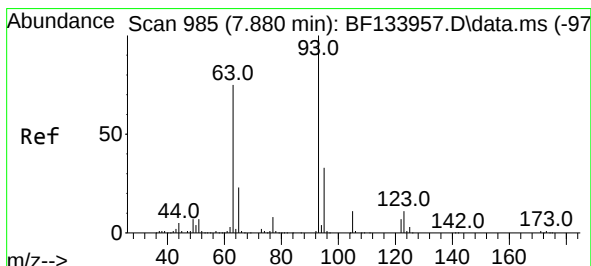
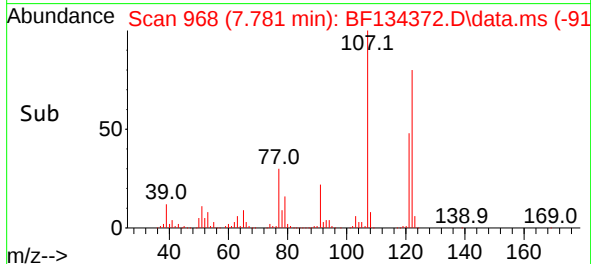
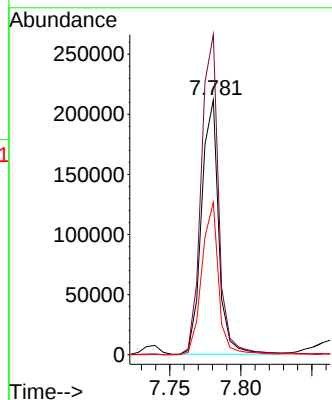
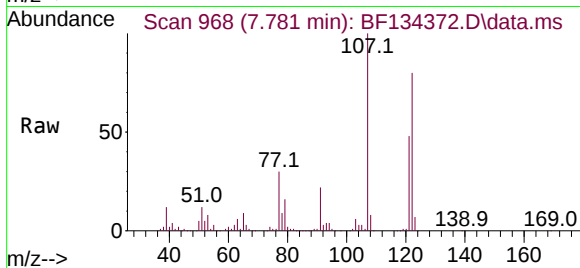
Tgt Ion:122 Resp: 178063

Ion Ratio Lower Upper

122 100

107 125.6 95.5 143.3

121 59.8 45.5 68.3



#28

bis(2-Chloroethoxy)methane

Concen: 43.761 ng

RT: 7.869 min Scan# 983

Delta R.T. -0.006 min

Lab File: BF134372.D

Acq: 19 Jul 2023 22:31

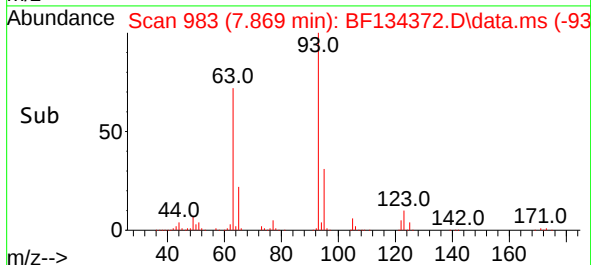
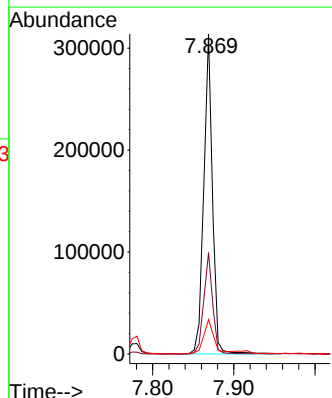
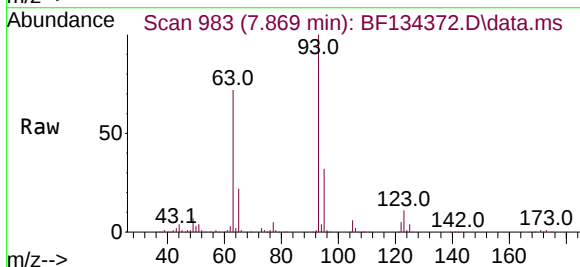
Tgt Ion: 93 Resp: 233980

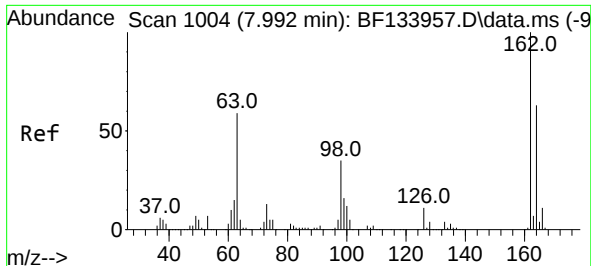
Ion Ratio Lower Upper

93 100

95 31.7 26.5 39.7

123 10.8 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 44.151 ng

RT: 7.981 min Scan# 1002

Delta R.T. -0.006 min

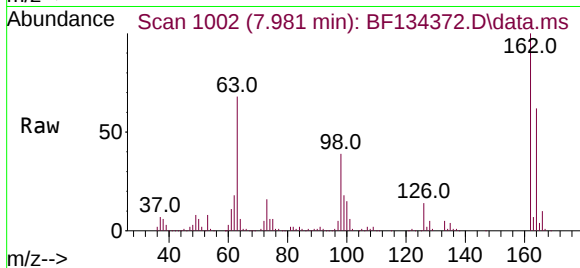
Lab File: BF134372.D

Acq: 19 Jul 2023 22:31

Instrument :

BNA_F

ClientSampleId :



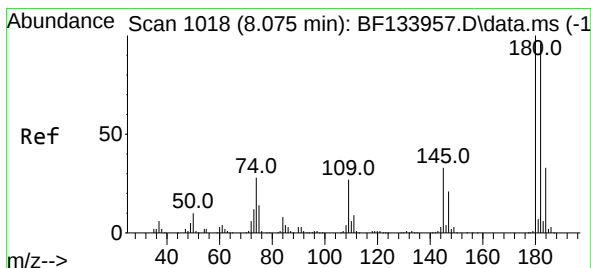
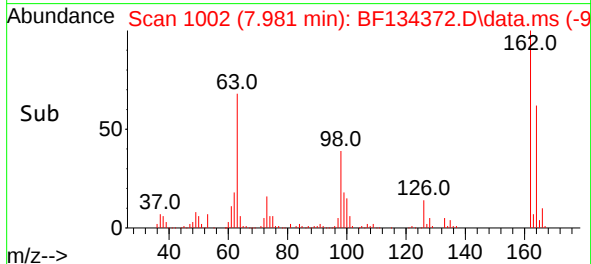
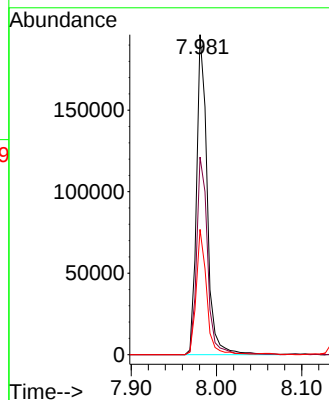
Tgt Ion:162 Resp: 170689

Ion Ratio Lower Upper

162 100

164 61.7 43.2 83.2

98 39.2 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 47.460 ng

RT: 8.057 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF134372.D

Acq: 19 Jul 2023 22:31

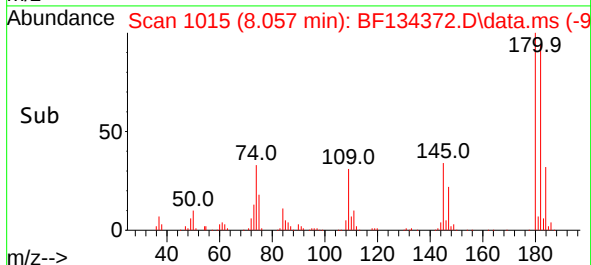
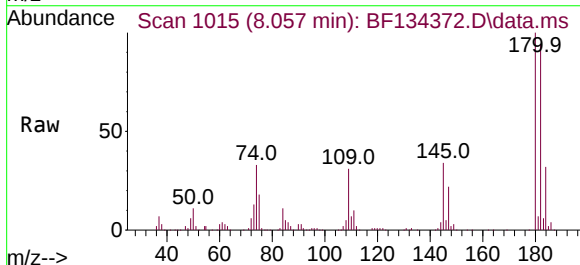
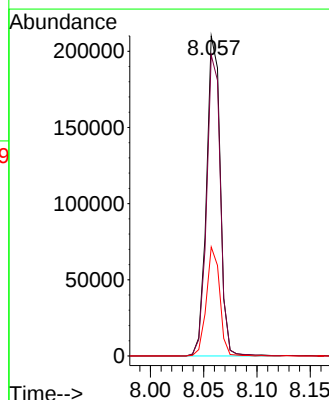
Tgt Ion:180 Resp: 189324

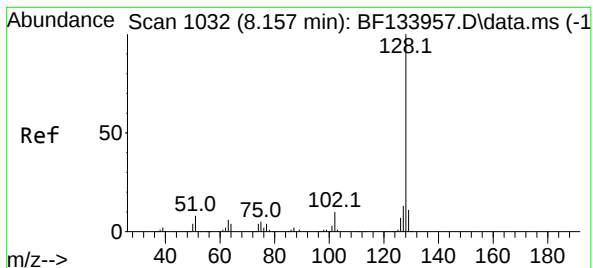
Ion Ratio Lower Upper

180 100

182 94.0 77.1 115.7

145 34.0 26.0 39.0





#31

Naphthalene

Concen: 43.762 ng

RT: 8.139 min Scan# 1032

Delta R.T. -0.006 min

Lab File: BF134372.D

Acq: 19 Jul 2023 22:31

Instrument :

BNA_F

ClientSampleId :

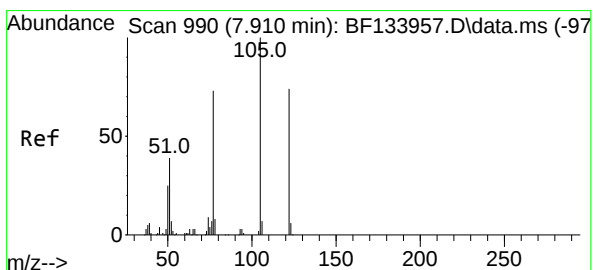
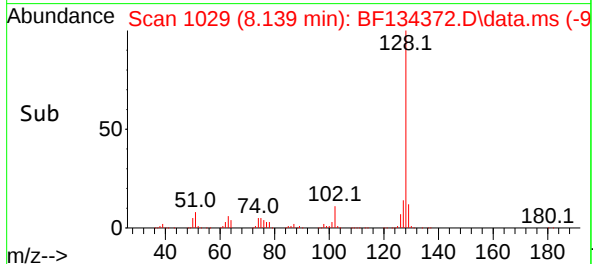
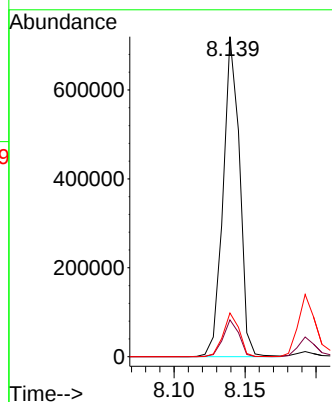
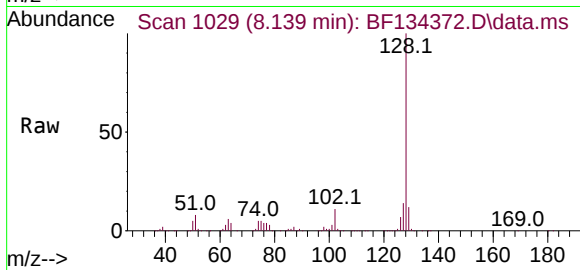
Tgt Ion:128 Resp: 578944

Ion Ratio Lower Upper

128 100

129 11.5 8.7 13.1

127 13.6 10.6 15.8



#32

Benzoic acid

Concen: 33.491 ng

RT: 7.916 min Scan# 991

Delta R.T. 0.012 min

Lab File: BF134372.D

Acq: 19 Jul 2023 22:31

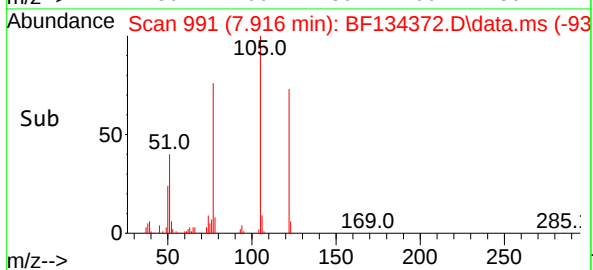
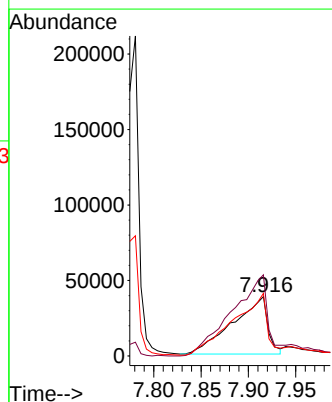
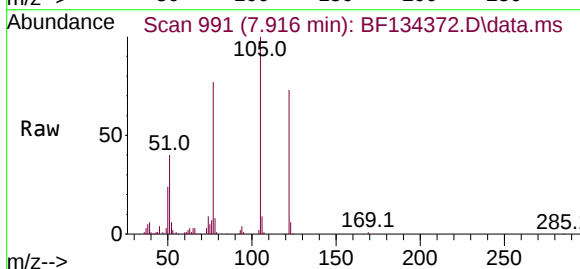
Tgt Ion:122 Resp: 97841

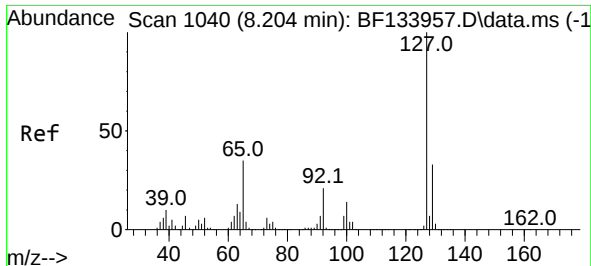
Ion Ratio Lower Upper

122 100

105 136.7 109.7 149.7

77 105.5 76.0 116.0

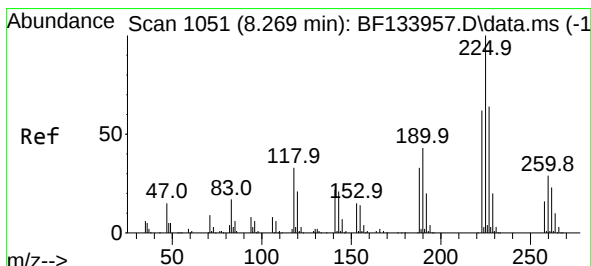
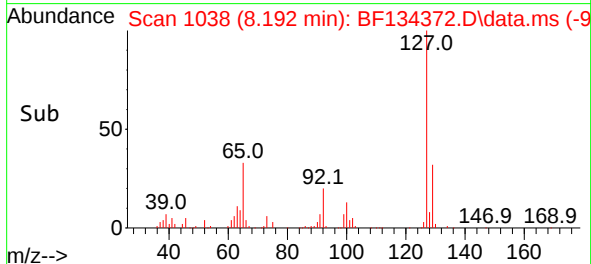
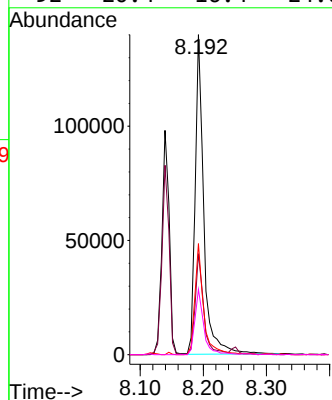
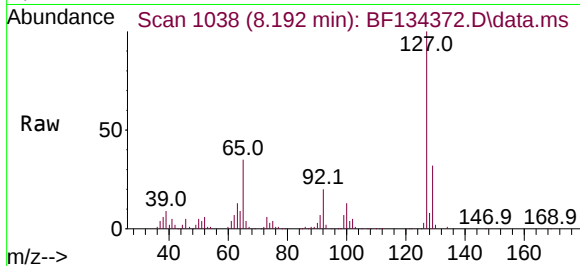




#33
4-Chloroaniline
Concen: 23.492 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF134372.D
Acq: 19 Jul 2023 22:31

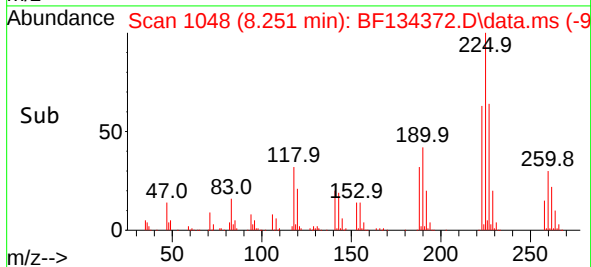
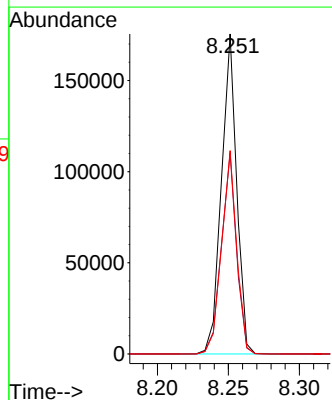
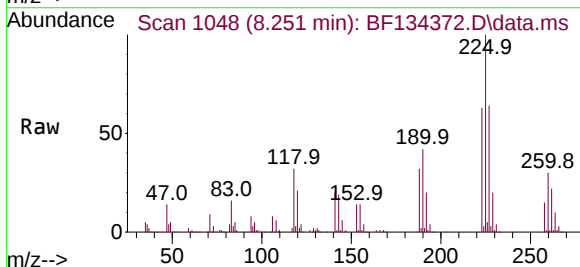
Instrument :
BNA_F
ClientSampleId :

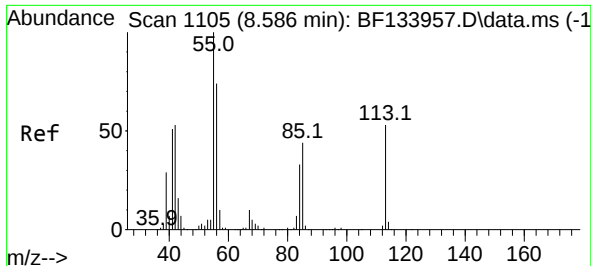
Tgt Ion:	127	Resp:	132939
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.4	39.6
65	34.7	27.8	41.8
92	20.4	16.4	24.6



#34
Hexachlorobutadiene
Concen: 51.898 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF134372.D
Acq: 19 Jul 2023 22:31

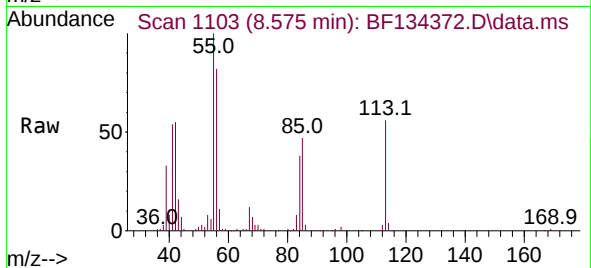
Tgt Ion:	225	Resp:	130595
Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.8	74.8
227	63.5	51.0	76.4



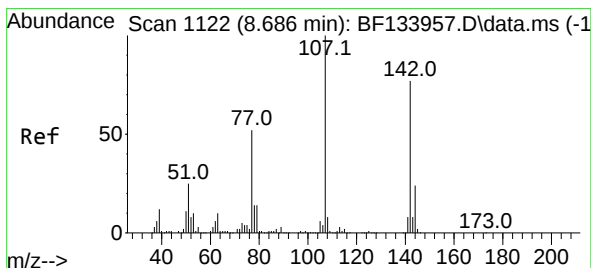
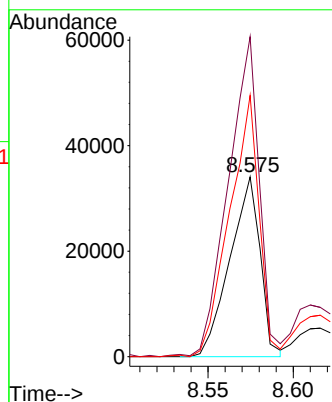
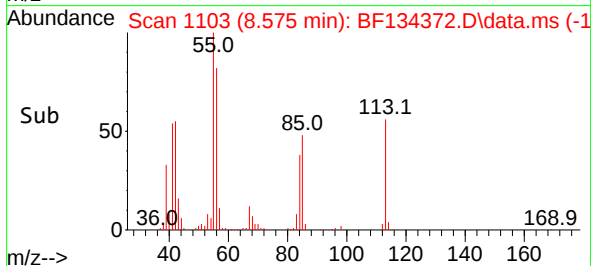


#35
 Caprolactam
 Concen: 32.959 ng
 RT: 8.575 min Scan# 1103
 Delta R.T. 0.000 min
 Lab File: BF134372.D
 Acq: 19 Jul 2023 22:31

Instrument :
 BNA_F
 ClientSampleId :

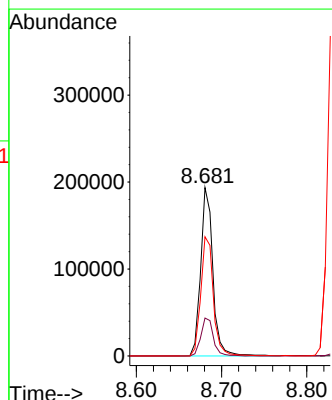
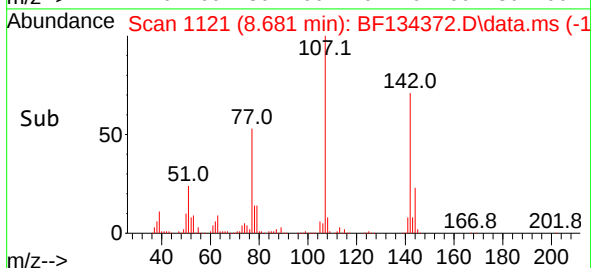
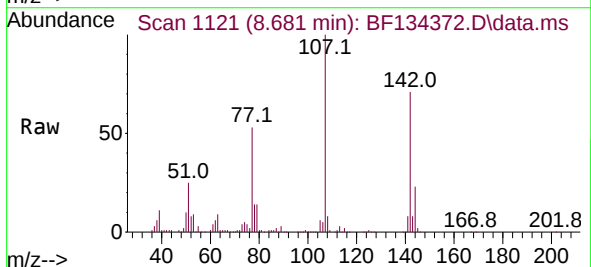


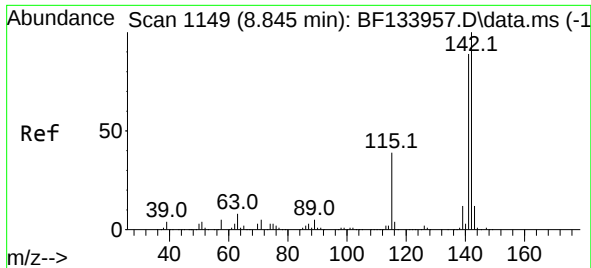
Tgt Ion	Ratio	Lower	Upper
113	100		
55	177.9	170.2	210.2
56	145.2	121.4	161.4



#36
 4-Chloro-3-methylphenol
 Concen: 44.432 ng
 RT: 8.681 min Scan# 1121
 Delta R.T. 0.000 min
 Lab File: BF134372.D
 Acq: 19 Jul 2023 22:31

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.6	19.6	29.4
142	70.8	61.4	92.2

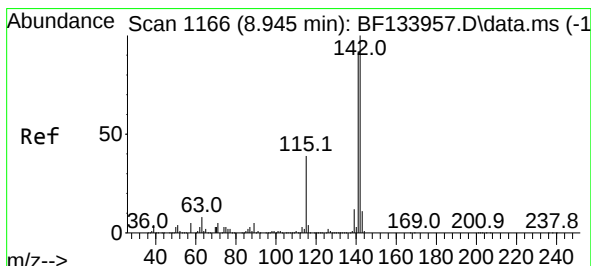
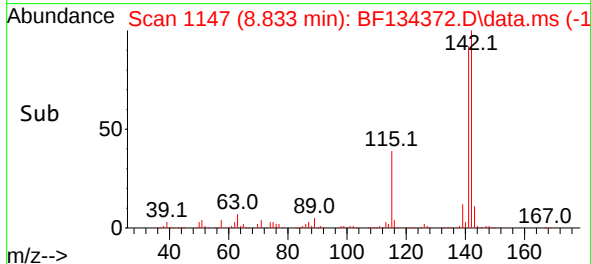
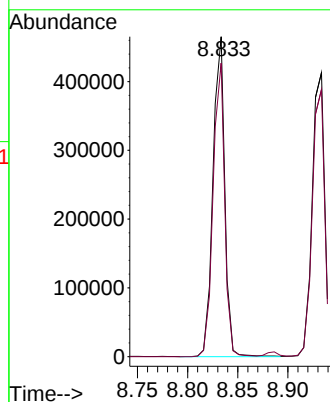
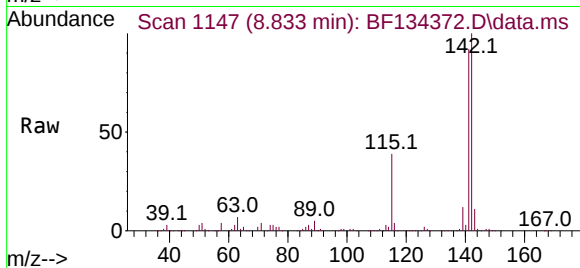




#37
2-Methylnaphthalene
Concen: 40.738 ng
RT: 8.833 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BF134372.D
Acq: 19 Jul 2023 22:31

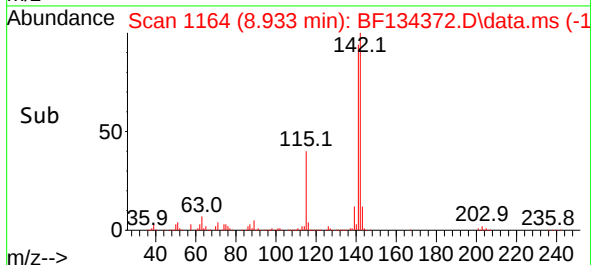
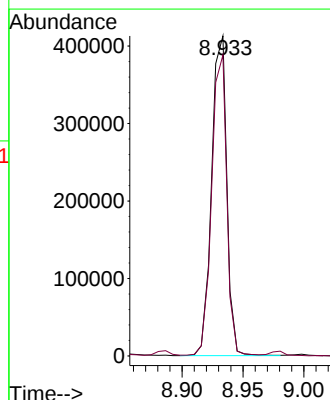
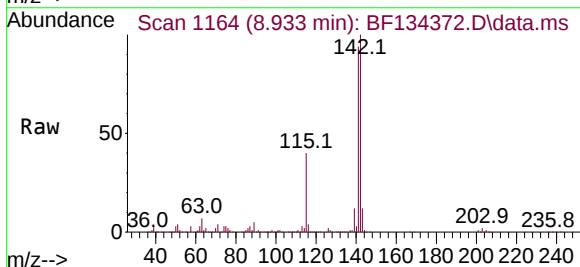
Instrument :
BNA_F
ClientSampleId :

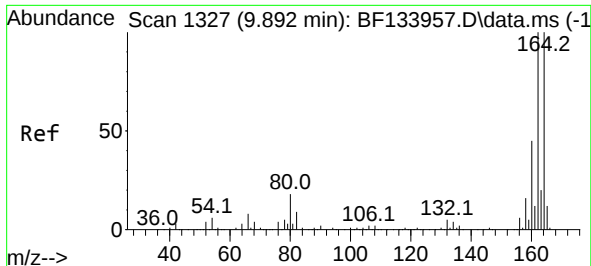
Tgt Ion:142 Resp: 381114
Ion Ratio Lower Upper
142 100
141 91.7 71.0 106.4



#38
1-Methylnaphthalene
Concen: 41.131 ng
RT: 8.933 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF134372.D
Acq: 19 Jul 2023 22:31

Tgt Ion:142 Resp: 357714
Ion Ratio Lower Upper
142 100
141 94.1 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1175

Delta R.T. -0.006 min

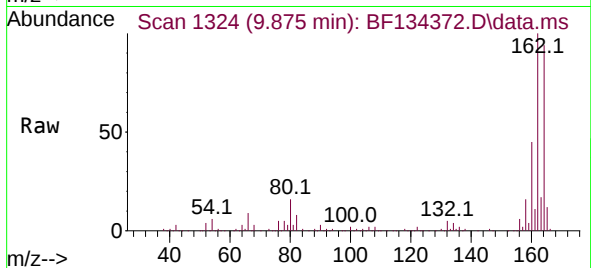
Lab File: BF134372.D

Acq: 19 Jul 2023 22:31

Instrument :

BNA_F

ClientSampleId :



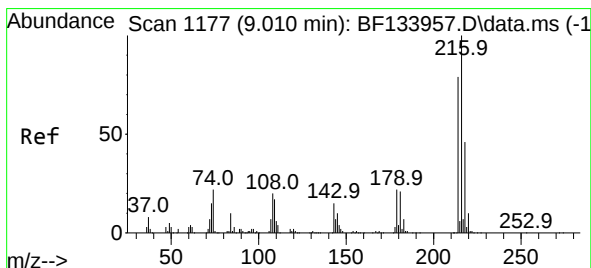
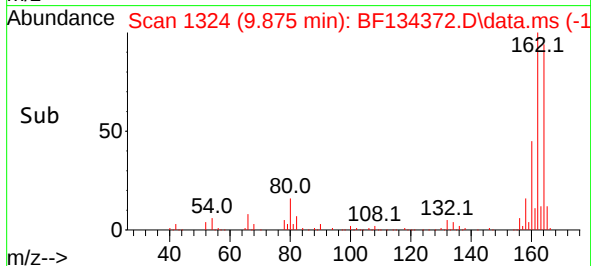
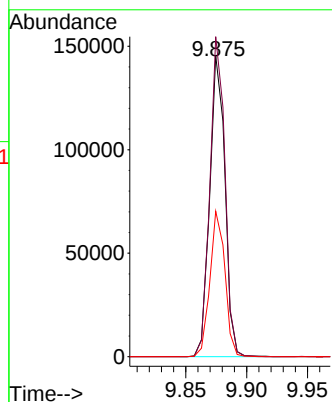
Tgt Ion:164 Resp: 126263

Ion Ratio Lower Upper

164 100

162 106.3 80.0 120.0

160 48.3 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.745 ng

RT: 8.998 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF134372.D

Acq: 19 Jul 2023 22:31

Tgt Ion:216 Resp: 186084

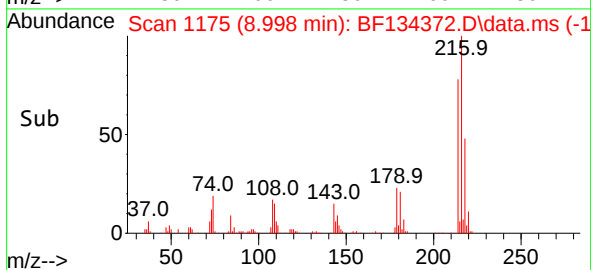
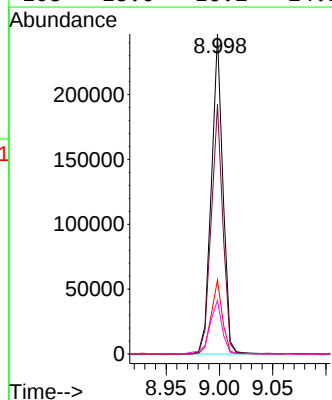
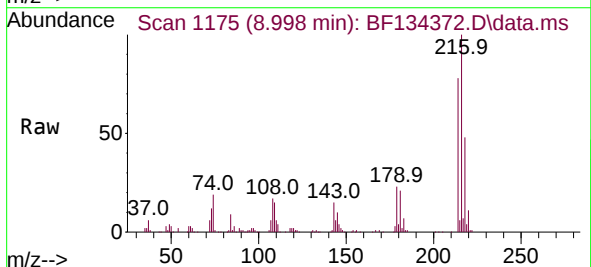
Ion Ratio Lower Upper

216 100

214 78.7 64.1 96.1

179 22.4 17.3 25.9

108 18.0 16.2 24.2

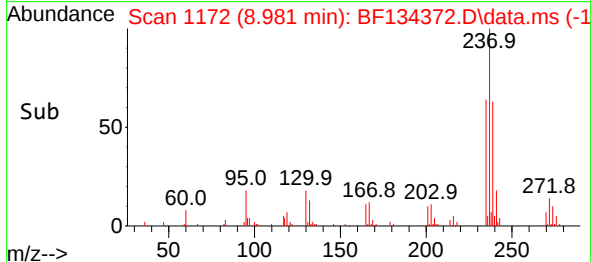
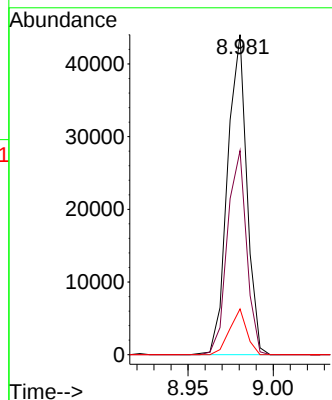
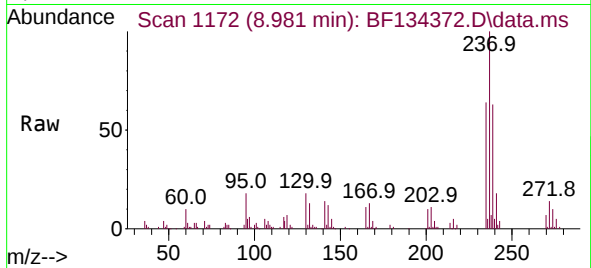




#41
Hexachlorocyclopentadiene
Concen: 19.522 ng
RT: 8.981 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF134372.D
Acq: 19 Jul 2023 22:31

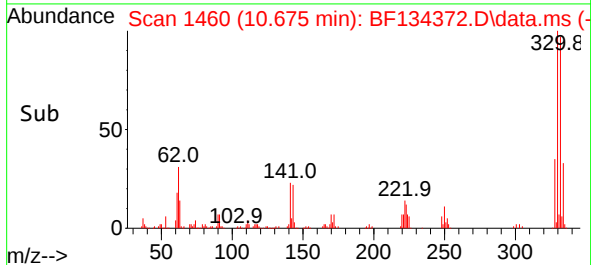
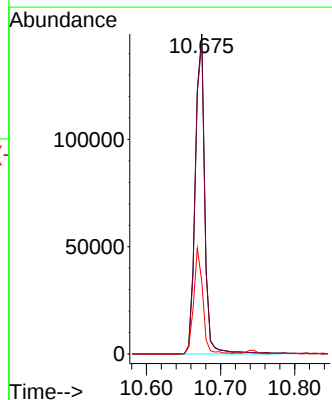
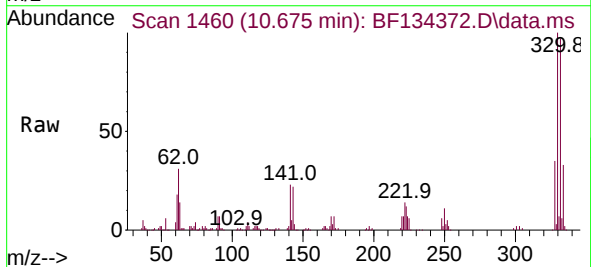
Instrument :
BNA_F
ClientSampleId :

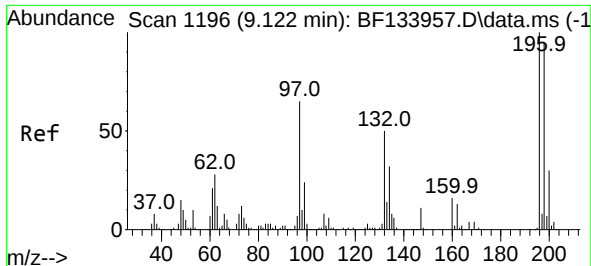
Tgt Ion:237 Resp: 34645
Ion Ratio Lower Upper
237 100
235 63.8 42.8 82.8
272 14.3 0.0 34.6



#42
2,4,6-Tribromophenol
Concen: 83.721 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF134372.D
Acq: 19 Jul 2023 22:31

Tgt Ion:330 Resp: 132537
Ion Ratio Lower Upper
330 100
332 98.1 77.0 115.6
141 31.5 26.3 39.5





#43

2,4,6-Trichlorophenol

Concen: 46.661 ng

RT: 9.116 min Scan# 1196

Delta R.T. -0.006 min

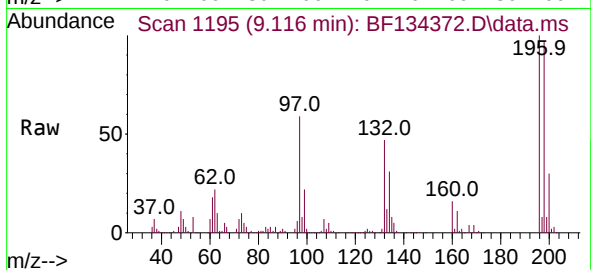
Lab File: BF134372.D

Acq: 19 Jul 2023 22:31

Instrument :

BNA_F

ClientSampleId :



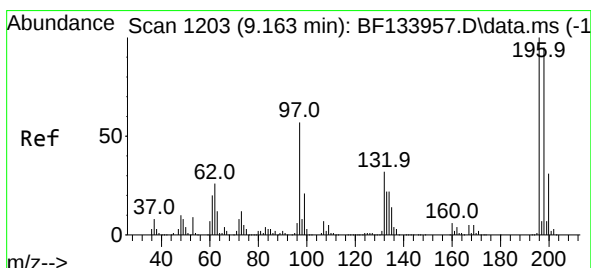
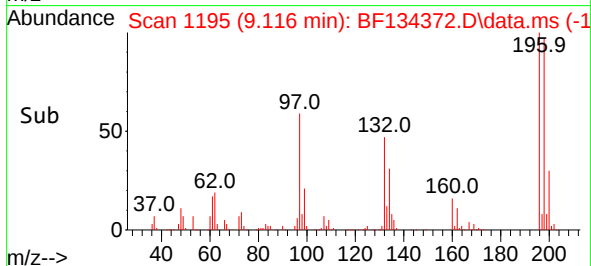
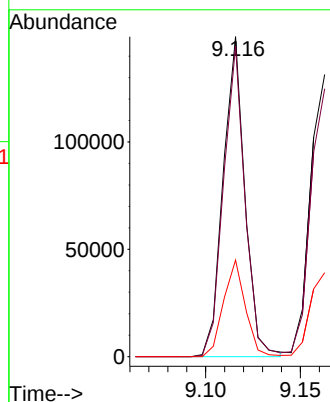
Tgt Ion:196 Resp: 118822

Ion Ratio Lower Upper

196 100

198 97.1 75.6 113.4

200 30.2 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 42.712 ng

RT: 9.163 min Scan# 1203

Delta R.T. 0.000 min

Lab File: BF134372.D

Acq: 19 Jul 2023 22:31

Tgt Ion:196 Resp: 127939

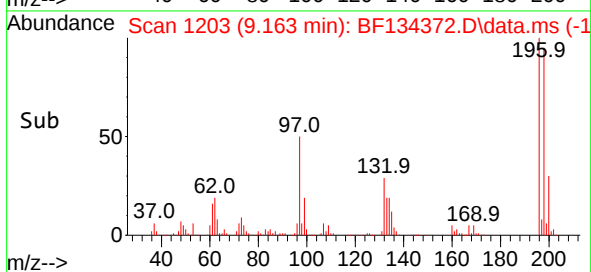
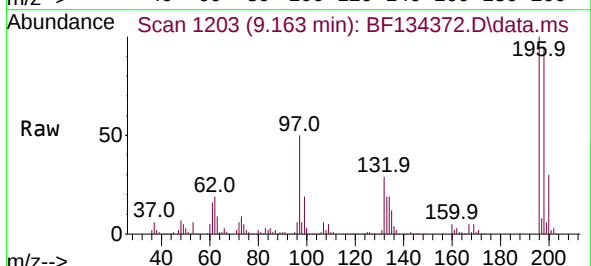
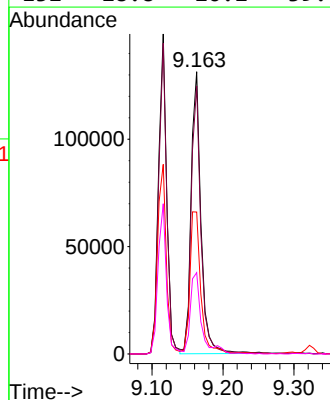
Ion Ratio Lower Upper

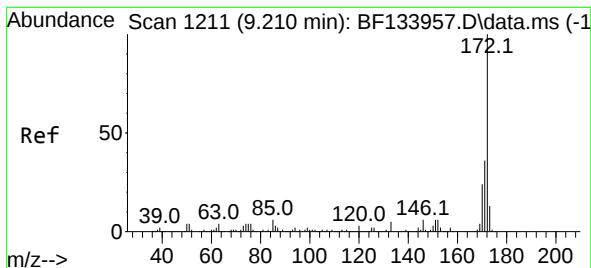
196 100

198 94.9 75.7 113.5

97 50.3 45.8 68.6

132 28.8 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 63.560 ng

RT: 9.192 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF134372.D

Acq: 19 Jul 2023 22:31

Instrument :

BNA_F

ClientSampleId :

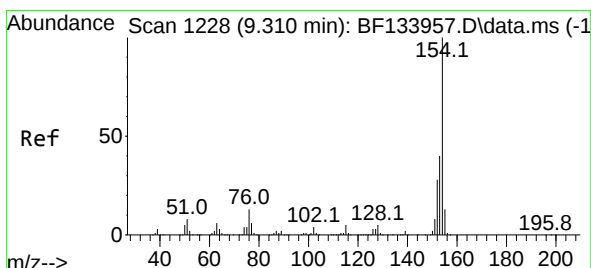
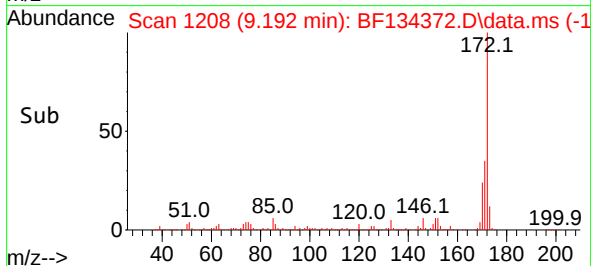
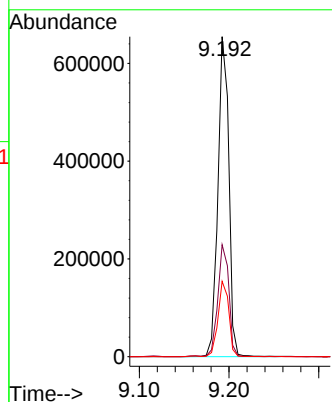
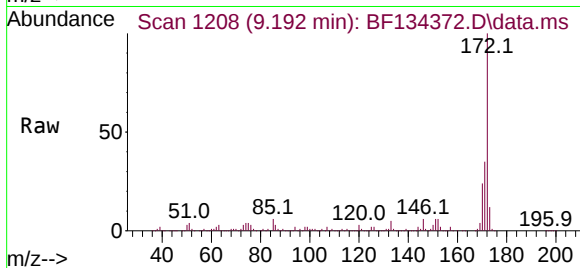
Tgt Ion:172 Resp: 551986

Ion Ratio Lower Upper

172 100

171 35.0 28.6 43.0

170 23.6 19.4 29.0



#46

1,1'-Biphenyl

Concen: 47.669 ng

RT: 9.298 min Scan# 1226

Delta R.T. -0.006 min

Lab File: BF134372.D

Acq: 19 Jul 2023 22:31

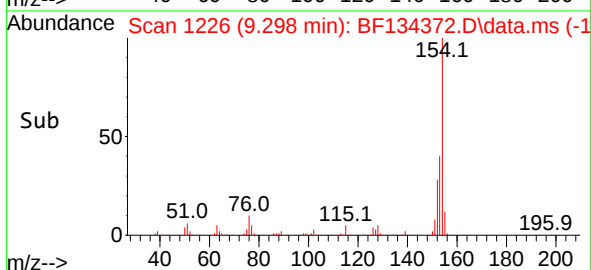
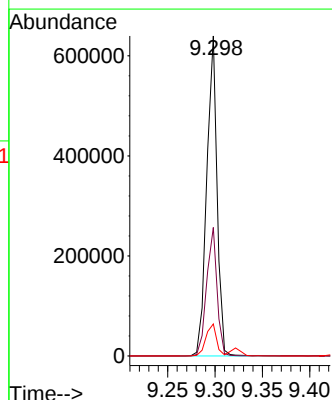
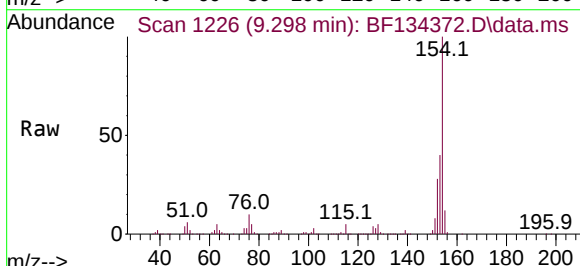
Tgt Ion:154 Resp: 482812

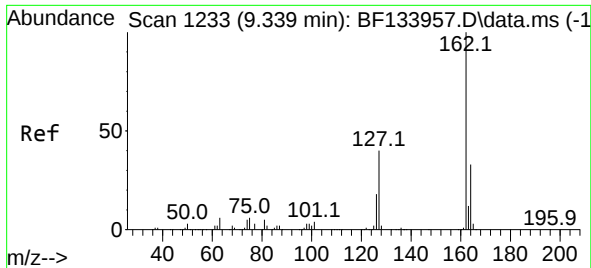
Ion Ratio Lower Upper

154 100

153 40.2 19.8 59.8

76 10.0 0.0 32.9





#47

2-Chloronaphthalene

Concen: 46.925 ng

RT: 9.322 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF134372.D

Acq: 19 Jul 2023 22:31

Instrument :

BNA_F

ClientSampleId :

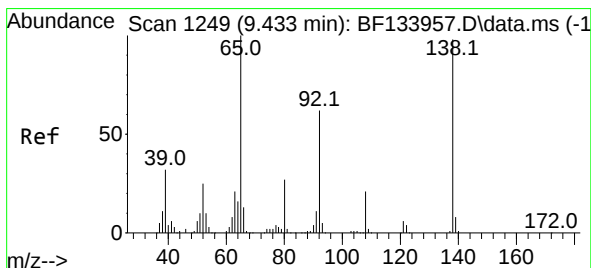
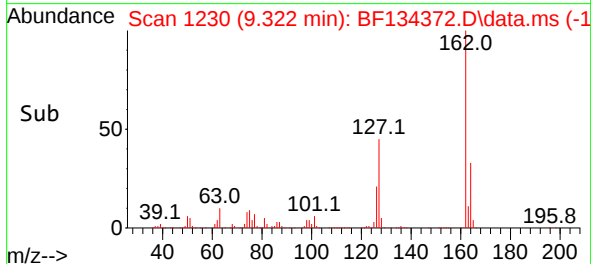
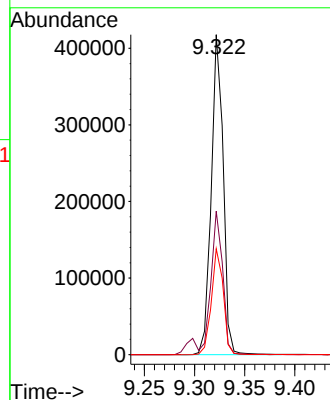
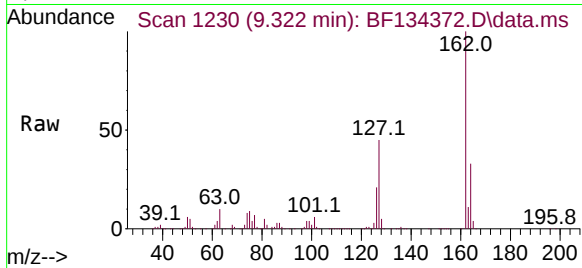
Tgt Ion:162 Resp: 347743

Ion Ratio Lower Upper

162 100

127 44.8 32.9 49.3

164 33.1 26.1 39.1



#48

2-Nitroaniline

Concen: 44.721 ng

RT: 9.428 min Scan# 1248

Delta R.T. 0.000 min

Lab File: BF134372.D

Acq: 19 Jul 2023 22:31

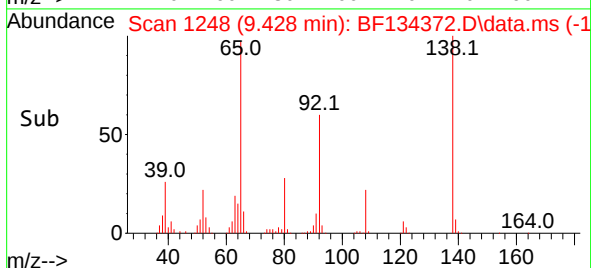
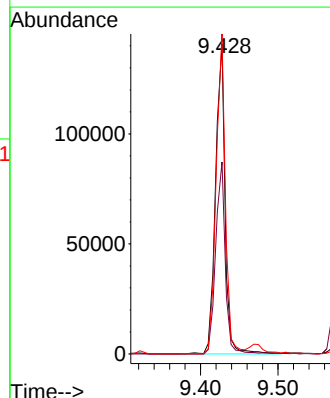
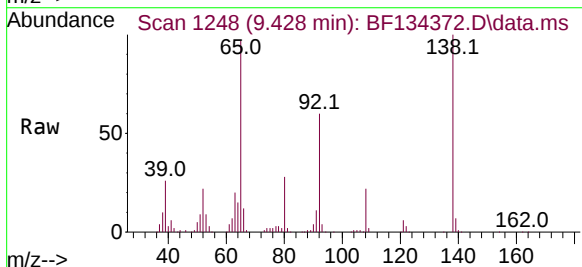
Tgt Ion: 65 Resp: 120780

Ion Ratio Lower Upper

65 100

92 62.0 49.5 74.3

138 103.3 78.0 117.0





#49

Acenaphthylene

Concen: 42.819 ng

RT: 9.739 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134372.D

Acq: 19 Jul 2023 22:31

Instrument :

BNA_F

ClientSampleId :

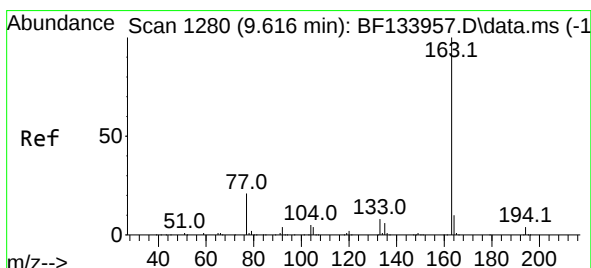
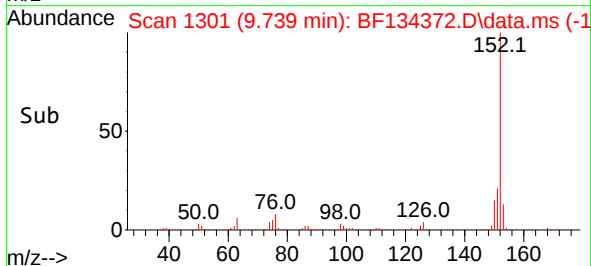
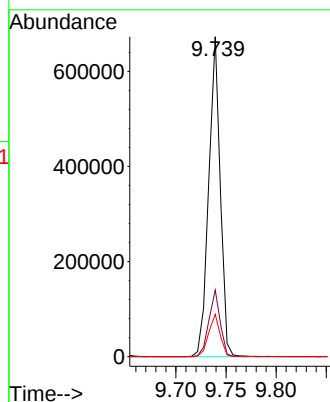
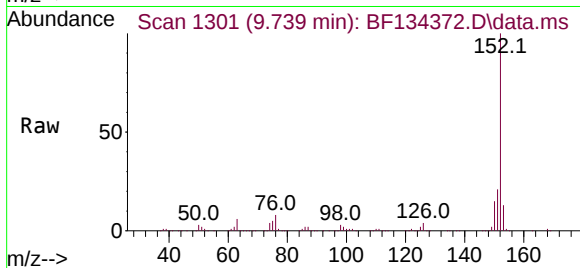
Tgt Ion:152 Resp: 542050

Ion Ratio Lower Upper

152 100

151 20.9 16.2 24.2

153 13.2 10.8 16.2



#50

Dimethylphthalate

Concen: 47.510 ng

RT: 9.598 min Scan# 1277

Delta R.T. -0.006 min

Lab File: BF134372.D

Acq: 19 Jul 2023 22:31

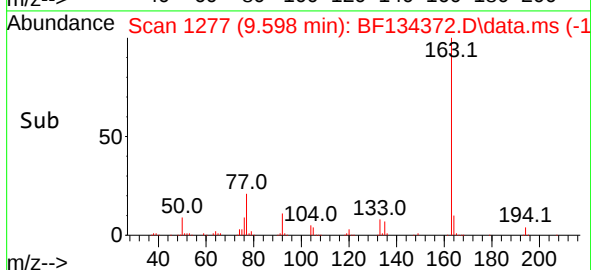
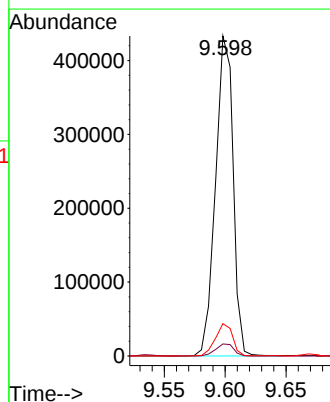
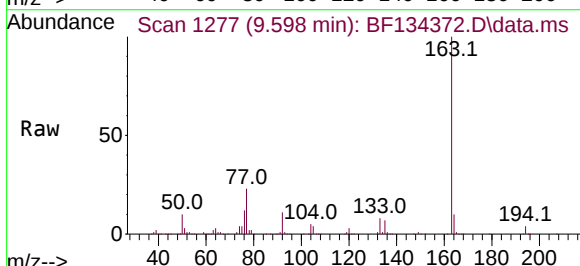
Tgt Ion:163 Resp: 435454

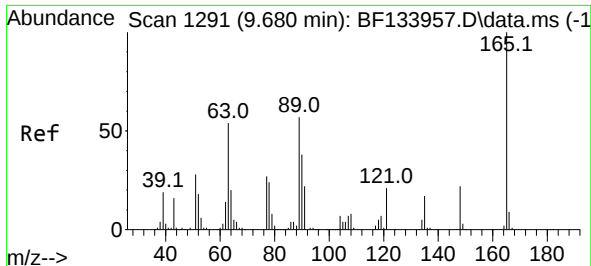
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

164 10.1 8.2 12.2

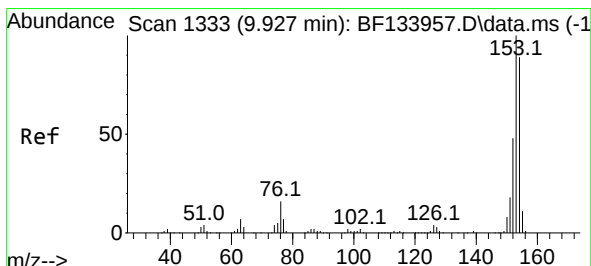
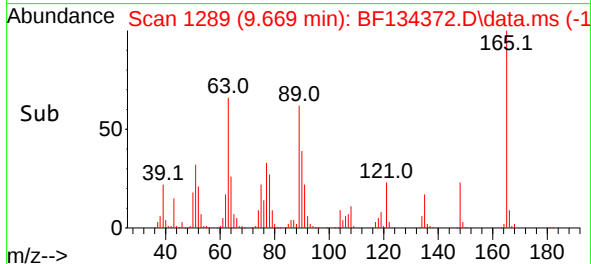
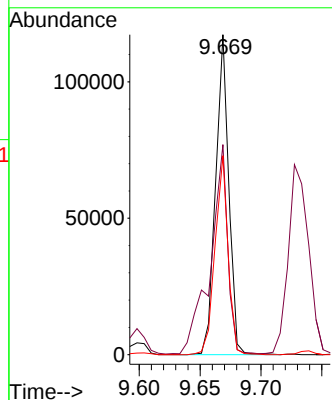
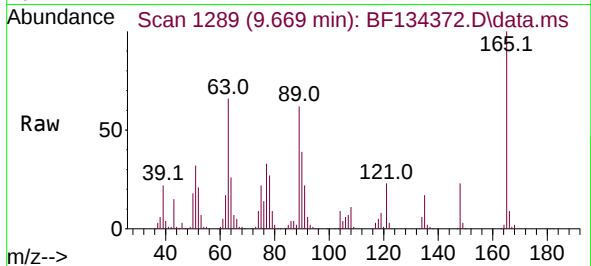




#51
2,6-Dinitrotoluene
Concen: 44.529 ng
RT: 9.669 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134372.D
Acq: 19 Jul 2023 22:31

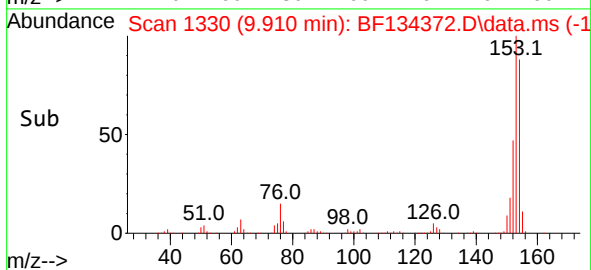
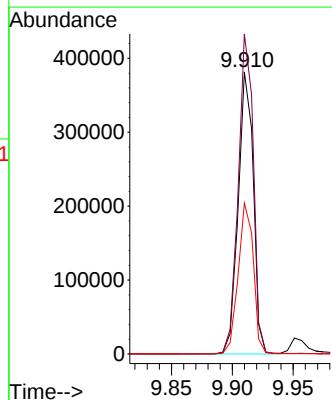
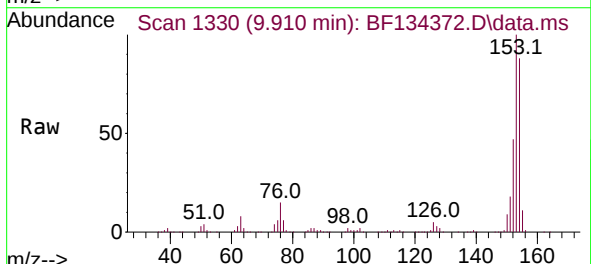
Instrument :
BNA_F
ClientSampleId :

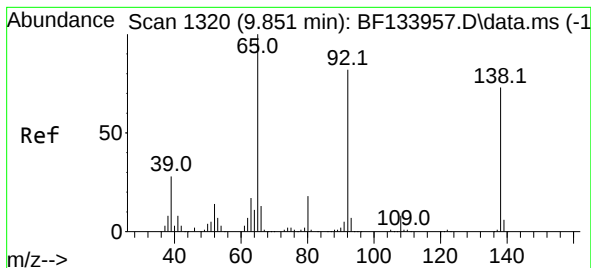
Tgt Ion:165 Resp: 87904
Ion Ratio Lower Upper
165 100
63 65.7 48.5 72.7
89 62.2 45.5 68.3



#52
Acenaphthene
Concen: 44.863 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF134372.D
Acq: 19 Jul 2023 22:31

Tgt Ion:154 Resp: 329542
Ion Ratio Lower Upper
154 100
153 113.4 89.4 134.2
152 53.5 42.8 64.2





#53

3-Nitroaniline

Concen: 35.936 ng

RT: 9.839 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134372.D

Acq: 19 Jul 2023 22:31

Instrument :

BNA_F

ClientSampleId :

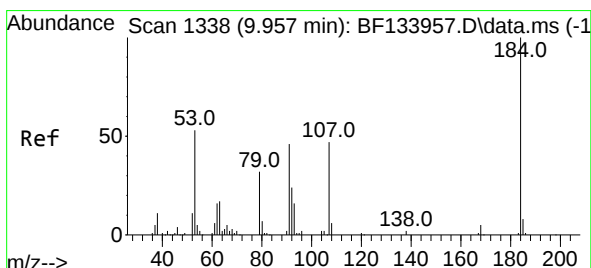
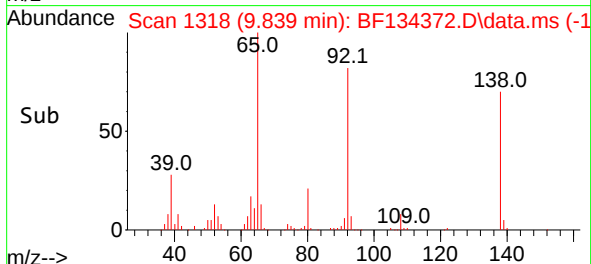
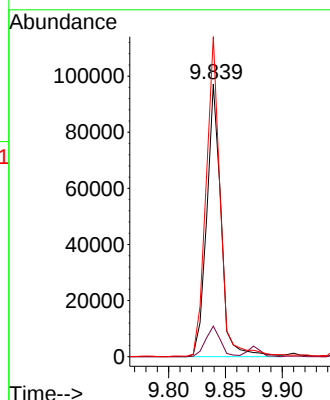
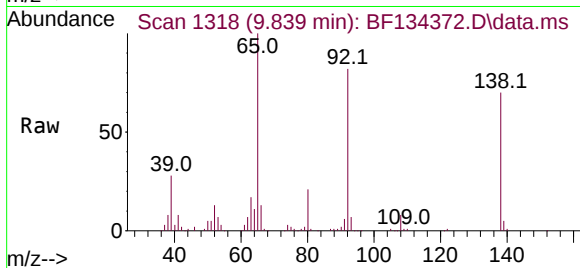
Tgt Ion:138 Resp: 85105

Ion Ratio Lower Upper

138 100

108 11.2 8.4 12.6

92 117.4 90.1 135.1



#54

2,4-Dinitrophenol

Concen: 28.239 ng

RT: 9.951 min Scan# 1337

Delta R.T. -0.006 min

Lab File: BF134372.D

Acq: 19 Jul 2023 22:31

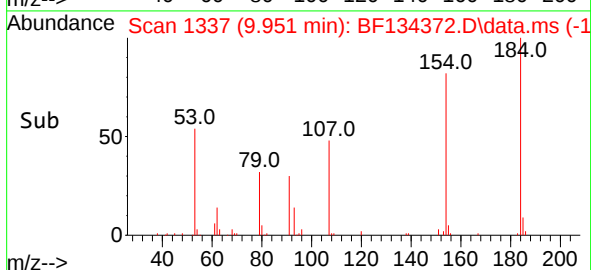
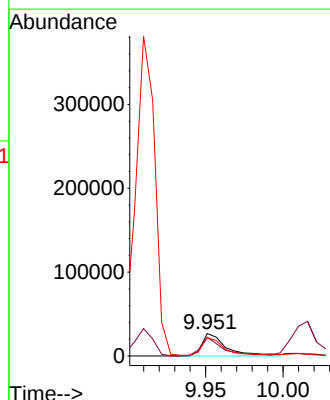
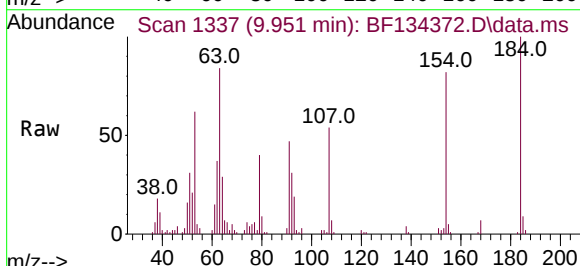
Tgt Ion:184 Resp: 29199

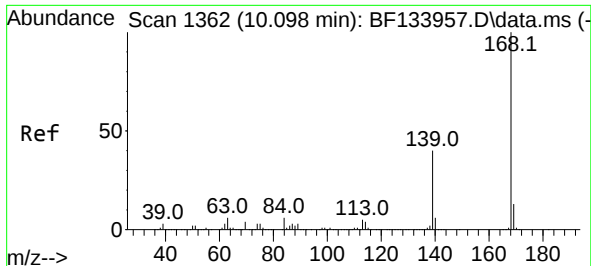
Ion Ratio Lower Upper

184 100

63 83.6 56.9 85.3

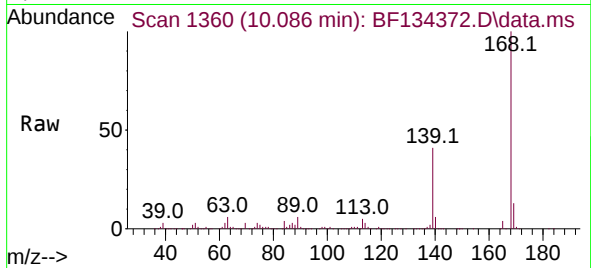
154 81.5 55.4 83.0



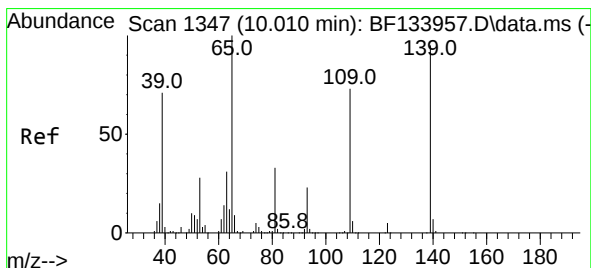
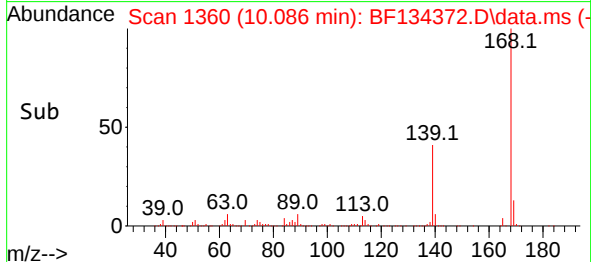
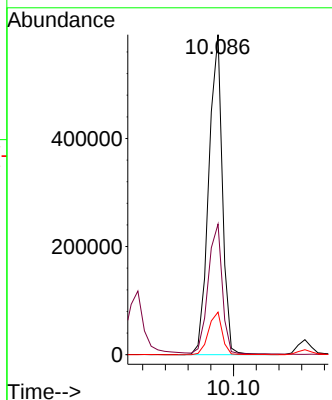


#55
Dibenzenofuran
Concen: 42.792 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134372.D
Acq: 19 Jul 2023 22:31

Instrument :
BNA_F
ClientSampleId :

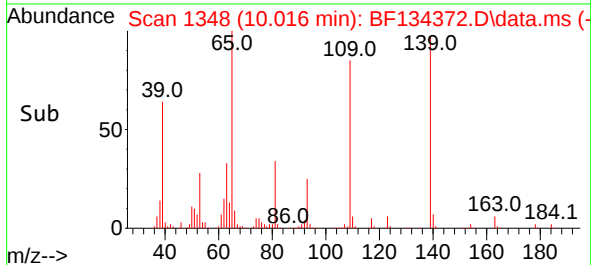
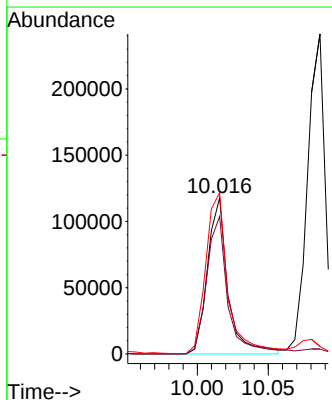
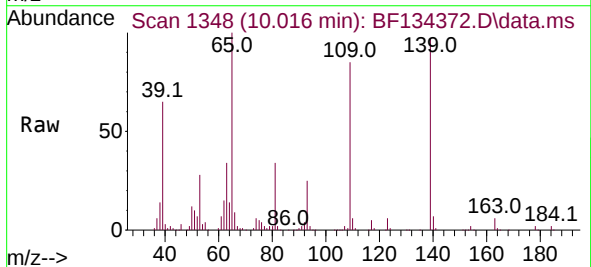


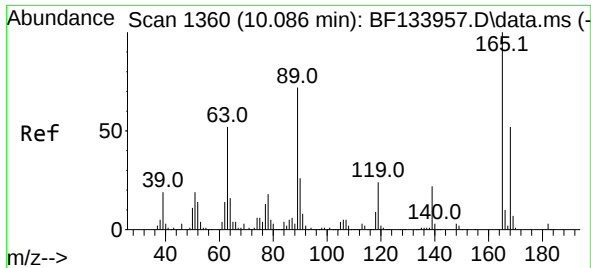
Tgt Ion:168 Resp: 491246
Ion Ratio Lower Upper
168 100
139 40.8 32.0 48.0
169 13.3 10.6 16.0



#56
4-Nitrophenol
Concen: 71.513 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF134372.D
Acq: 19 Jul 2023 22:31

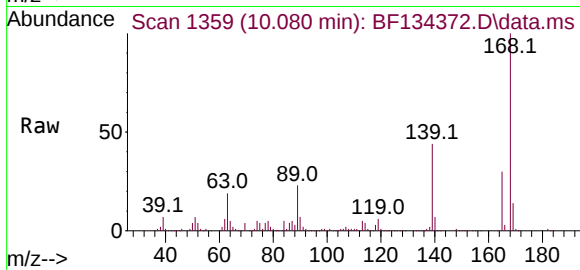
Tgt Ion:139 Resp: 118465
Ion Ratio Lower Upper
139 100
109 88.0 56.8 96.8
65 103.2 86.1 126.1



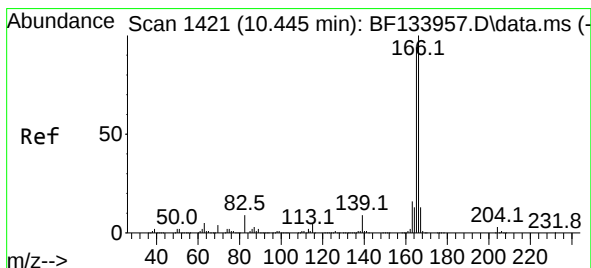
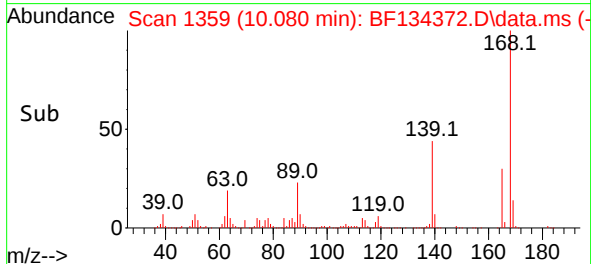
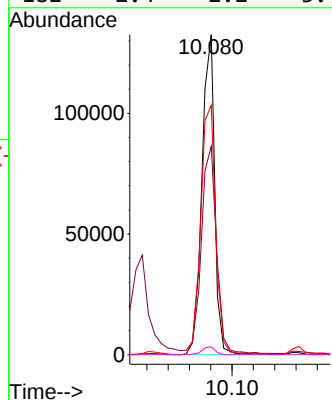


#57
2,4-Dinitrotoluene
Concen: 42.556 ng
RT: 10.080 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134372.D
Acq: 19 Jul 2023 22:31

Instrument :
BNA_F
ClientSampleId :

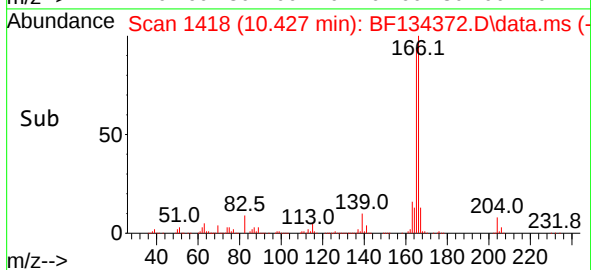
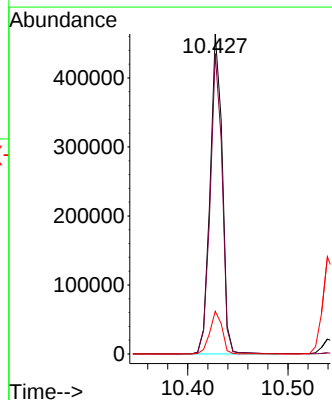
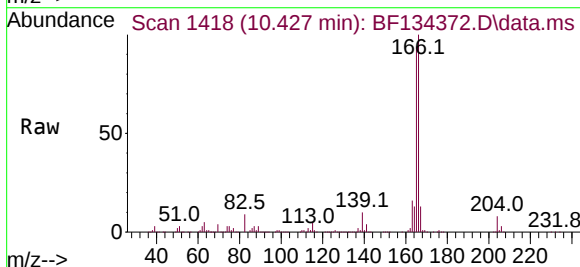


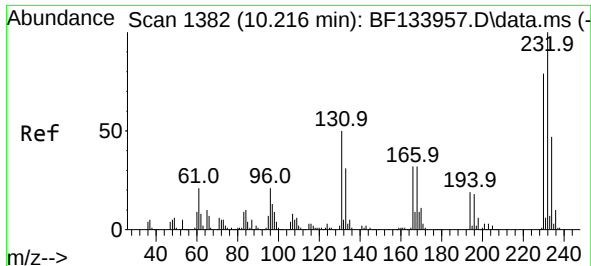
Tgt Ion:165 Resp: 110944
Ion Ratio Lower Upper
165 100
63 65.1 42.2 63.2#
89 77.9 57.4 86.2
182 2.4 2.2 3.4



#58
Fluorene
Concen: 43.617 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF134372.D
Acq: 19 Jul 2023 22:31

Tgt Ion:166 Resp: 389556
Ion Ratio Lower Upper
166 100
165 93.8 75.0 112.4
167 13.3 10.6 15.8





#59

2,3,4,6-Tetrachlorophenol

Concen: 38.811 ng

RT: 10.163 min Scan# 1373

Delta R.T. -0.047 min

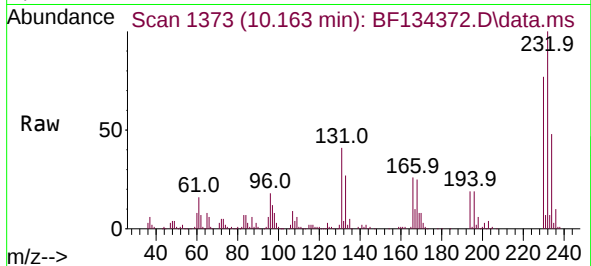
Lab File: BF134372.D

Acq: 19 Jul 2023 22:31

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:232 Resp: 91700

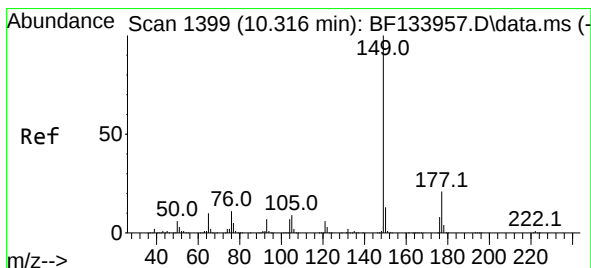
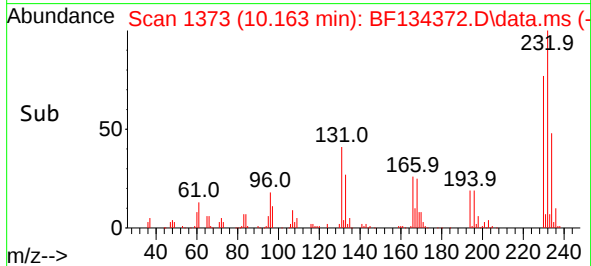
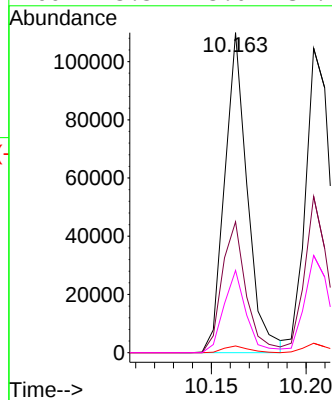
Ion Ratio Lower Upper

232 100

131 43.5 39.3 58.9

130 2.4 1.8 2.6

166 25.5 25.0 37.6



#60

Diethylphthalate

Concen: 47.075 ng

RT: 10.304 min Scan# 1397

Delta R.T. 0.000 min

Lab File: BF134372.D

Acq: 19 Jul 2023 22:31

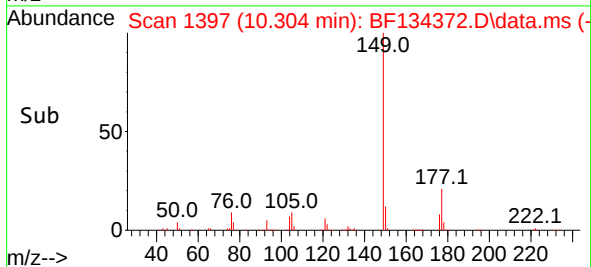
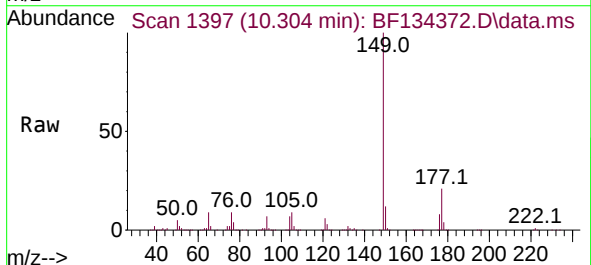
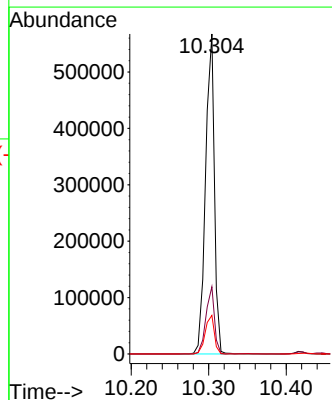
Tgt Ion:149 Resp: 449518

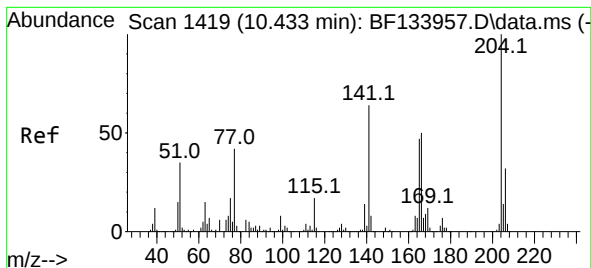
Ion Ratio Lower Upper

149 100

177 21.0 17.0 25.6

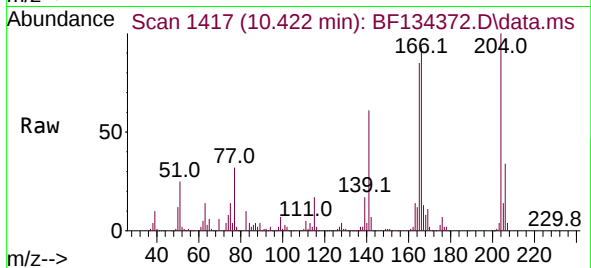
150 12.1 10.2 15.2



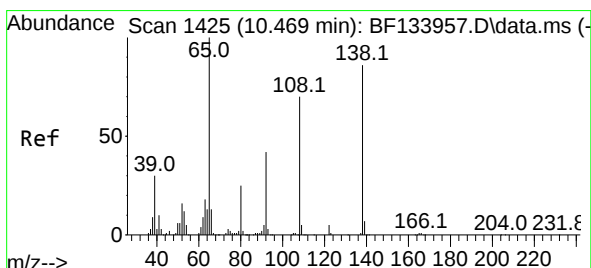
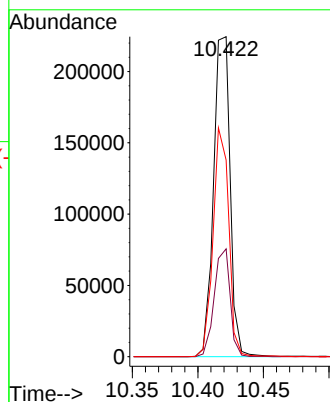
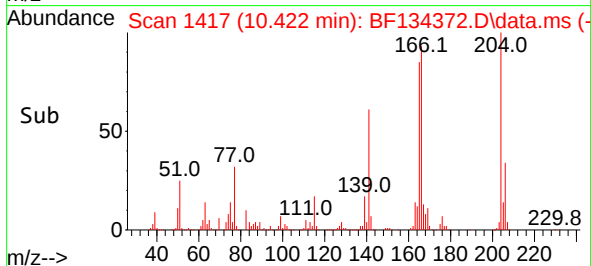


#61
4-Chlorophenyl-phenylether
Concen: 45.995 ng
RT: 10.422 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF134372.D
Acq: 19 Jul 2023 22:31

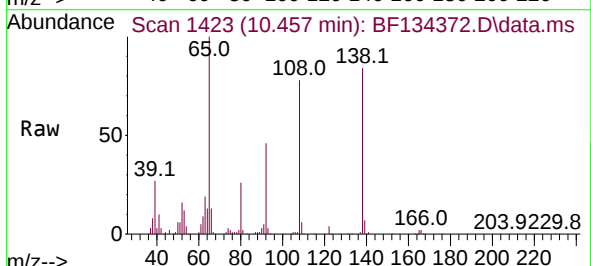
Instrument :
BNA_F
ClientSampleId :



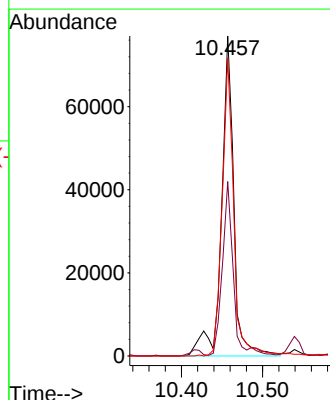
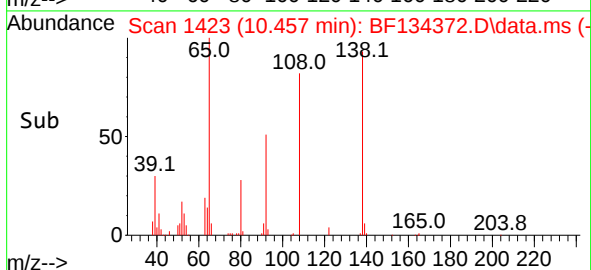
Tgt Ion:204 Resp: 197967
Ion Ratio Lower Upper
204 100
206 33.7 25.8 38.6
141 61.5 51.5 77.3

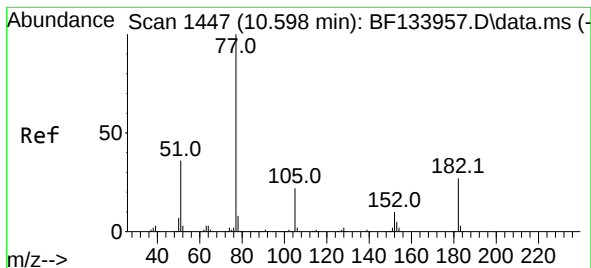


#62
4-Nitroaniline
Concen: 34.023 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF134372.D
Acq: 19 Jul 2023 22:31



Tgt Ion:138 Resp: 81202
Ion Ratio Lower Upper
138 100
92 54.5 29.7 69.7
108 93.0 62.1 102.1





#63

Azobenzene

Concen: 40.901 ng

RT: 10.580 min Scan# 1444

Delta R.T. -0.006 min

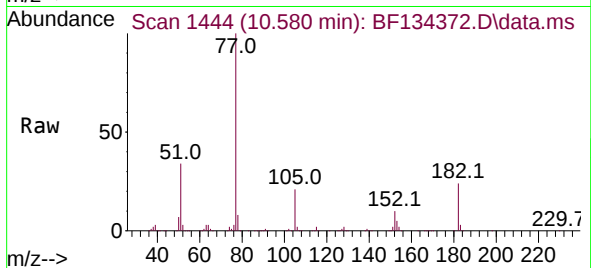
Lab File: BF134372.D

Acq: 19 Jul 2023 22:31

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 77 Resp: 369441

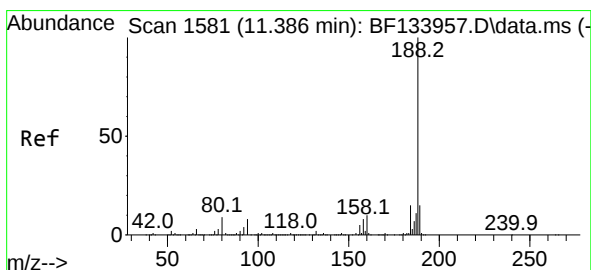
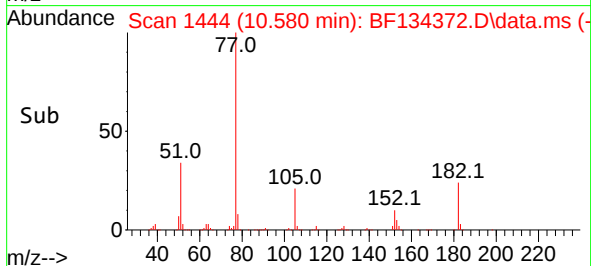
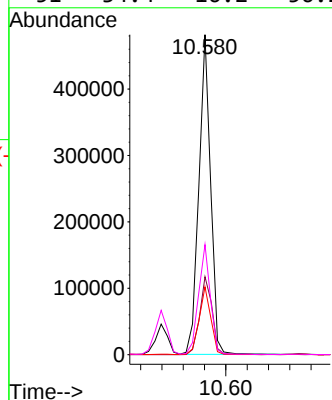
Ion Ratio Lower Upper

77 100

182 24.4 6.8 46.8

105 21.2 2.3 42.3

51 34.4 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: BF134372.D

Acq: 19 Jul 2023 22:31

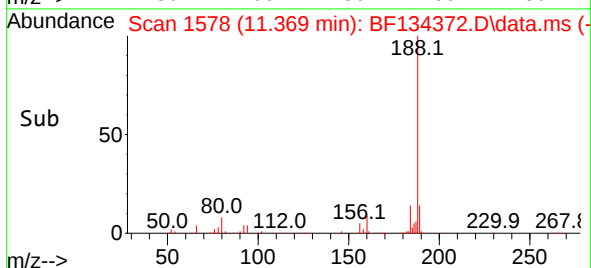
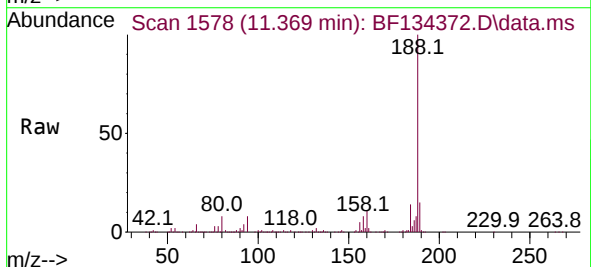
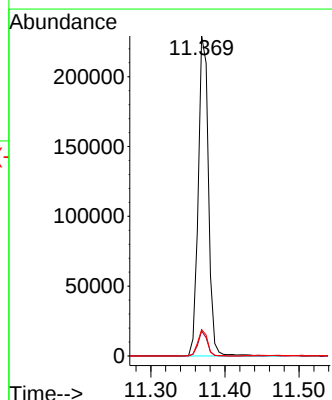
Tgt Ion: 188 Resp: 218121

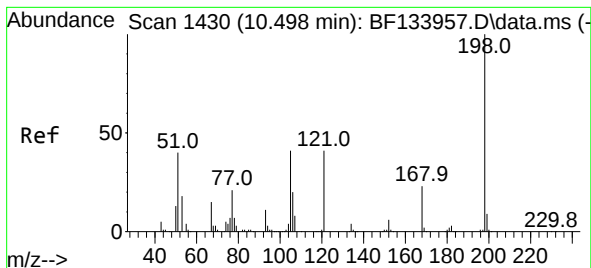
Ion Ratio Lower Upper

188 100

94 7.8 6.4 9.6

80 8.3 7.3 10.9

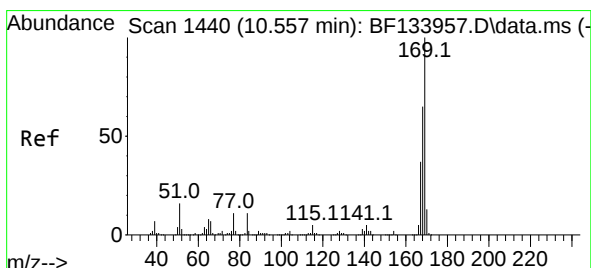
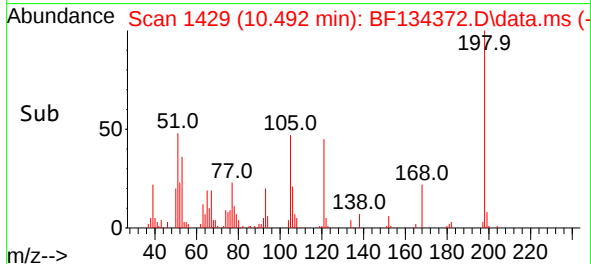
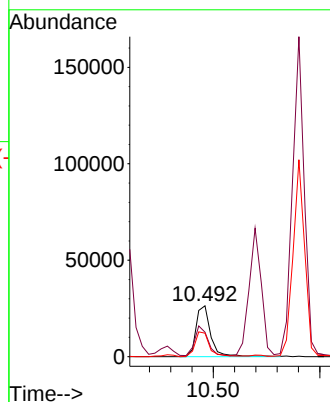
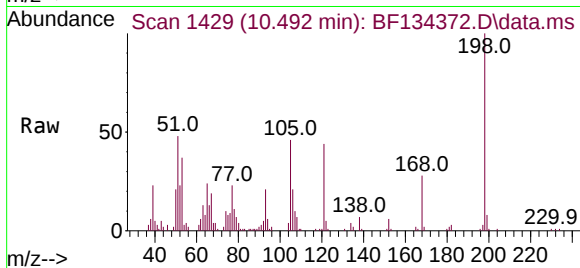




#65
4,6-Dinitro-2-methylphenol
Concen: 21.214 ng
RT: 10.492 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF134372.D
Acq: 19 Jul 2023 22:31

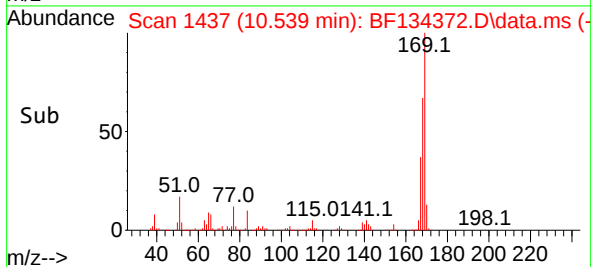
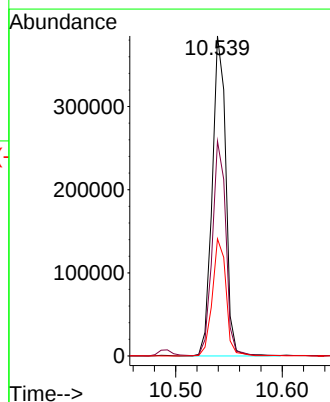
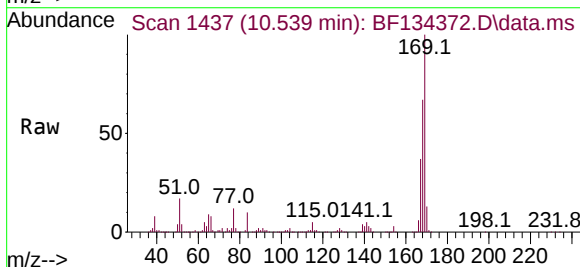
Instrument :
BNA_F
ClientSampleId :

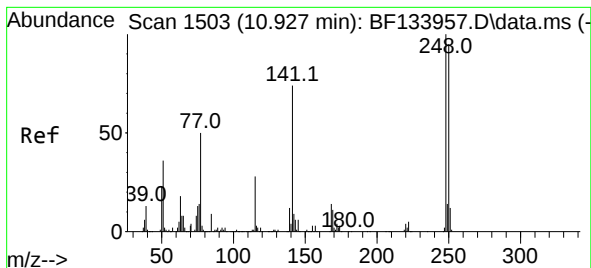
Tgt Ion:198 Resp: 25227
Ion Ratio Lower Upper
198 100
51 47.9 29.3 69.3
105 46.2 22.4 62.4



#66
n-Nitrosodiphenylamine
Concen: 49.055 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF134372.D
Acq: 19 Jul 2023 22:31

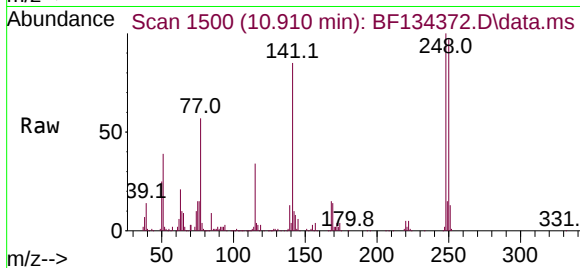
Tgt Ion:169 Resp: 341867
Ion Ratio Lower Upper
169 100
168 67.1 52.3 78.5
167 36.6 29.4 44.0



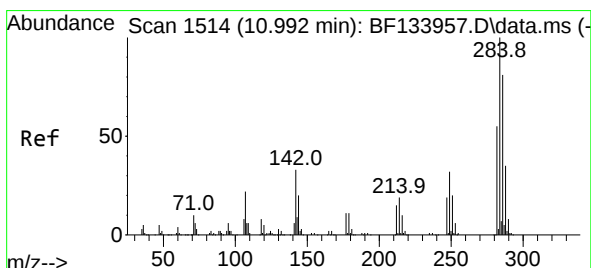
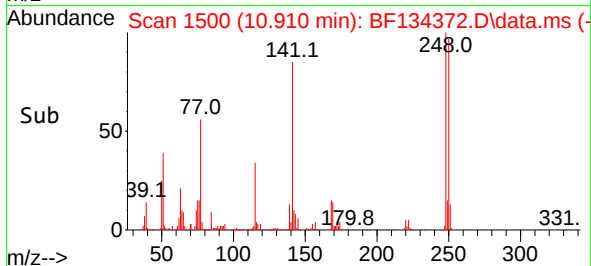
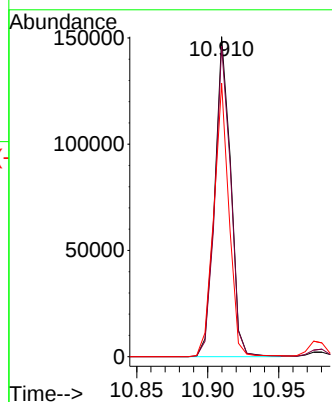


#67
4-Bromophenyl-phenylether
Concen: 50.483 ng
RT: 10.910 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF134372.D
Acq: 19 Jul 2023 22:31

Instrument :
BNA_F
ClientSampleId :

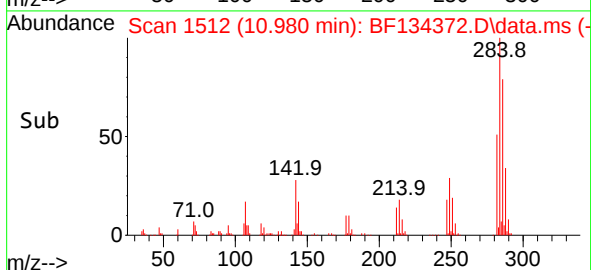
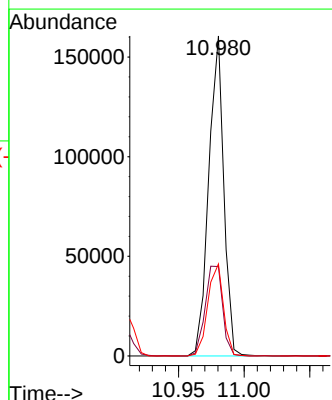
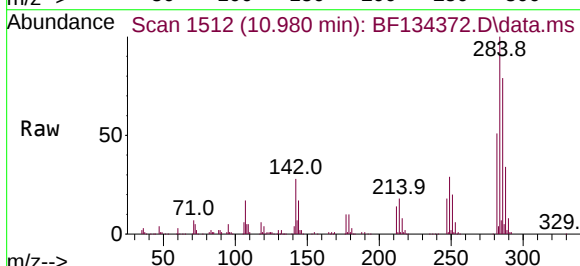


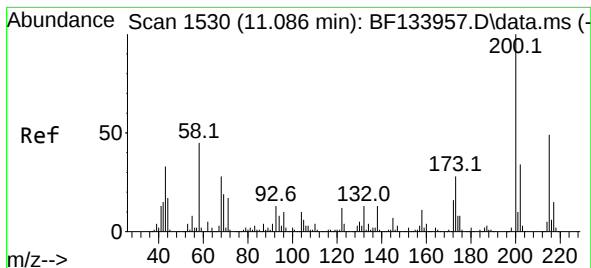
Tgt Ion:248 Resp: 117038
Ion Ratio Lower Upper
248 100
250 97.0 76.2 114.4
141 85.4 59.0 88.4



#68
Hexachlorobenzene
Concen: 52.245 ng
RT: 10.980 min Scan# 1512
Delta R.T. -0.006 min
Lab File: BF134372.D
Acq: 19 Jul 2023 22:31

Tgt Ion:284 Resp: 128603
Ion Ratio Lower Upper
284 100
142 28.0 26.6 40.0
249 28.7 25.5 38.3





#69

Atrazine

Concen: 57.456 ng

RT: 11.074 min Scan# 110758

Delta R.T. 0.000 min

Lab File: BF134372.D

Acq: 19 Jul 2023 22:31

Instrument :

BNA_F

ClientSampleId :

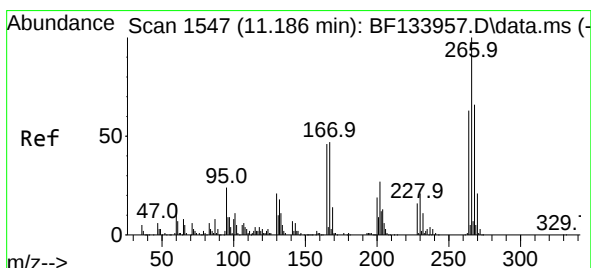
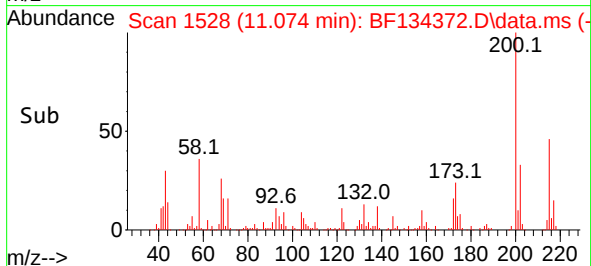
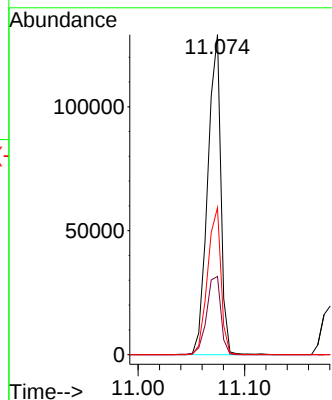
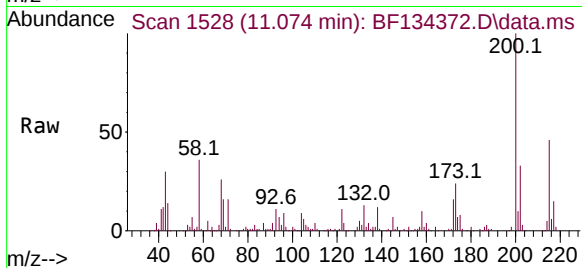
Tgt Ion:200 Resp: 110758

Ion Ratio Lower Upper

200 100

173 24.4 8.0 48.0

215 46.0 29.3 69.3



#70

Pentachlorophenol

Concen: 71.312 ng

RT: 11.180 min Scan# 1546

Delta R.T. 0.000 min

Lab File: BF134372.D

Acq: 19 Jul 2023 22:31

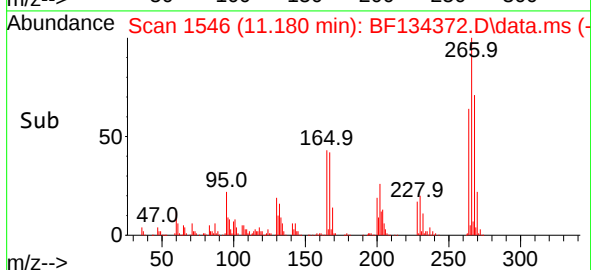
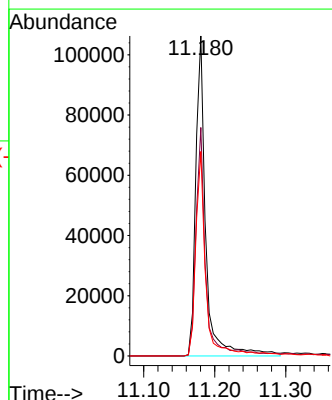
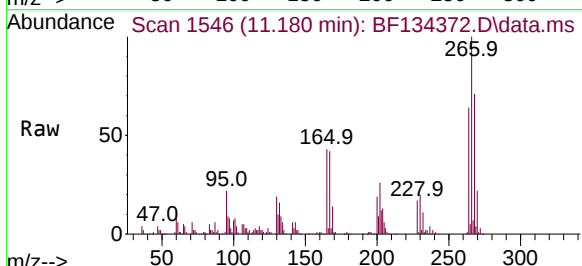
Tgt Ion:266 Resp: 104957

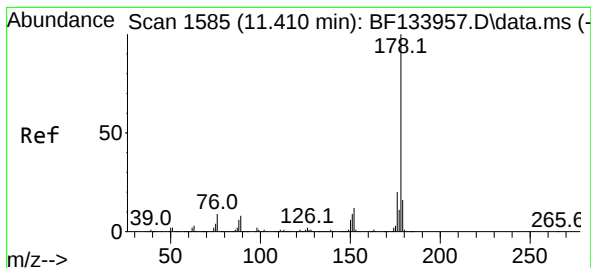
Ion Ratio Lower Upper

266 100

268 71.4 52.6 79.0

264 63.9 50.6 76.0





#71

Phenanthrene

Concen: 43.838 ng

RT: 11.398 min Scan# 1583

Delta R.T. -0.006 min

Lab File: BF134372.D

Acq: 19 Jul 2023 22:31

Instrument :

BNA_F

ClientSampleId :

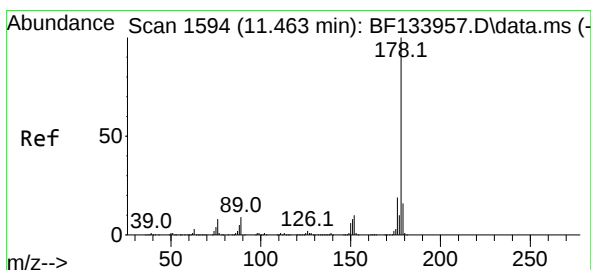
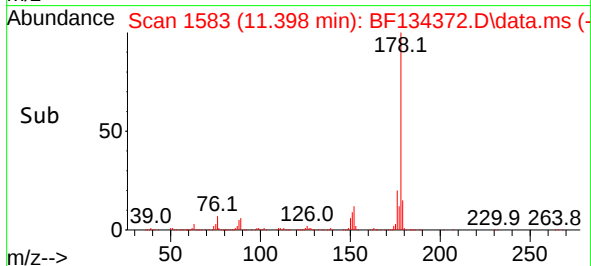
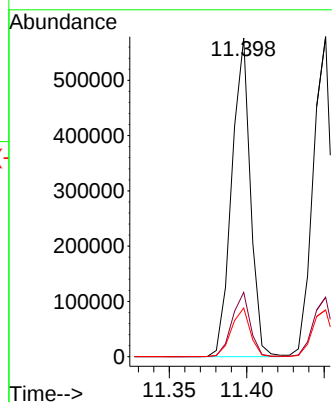
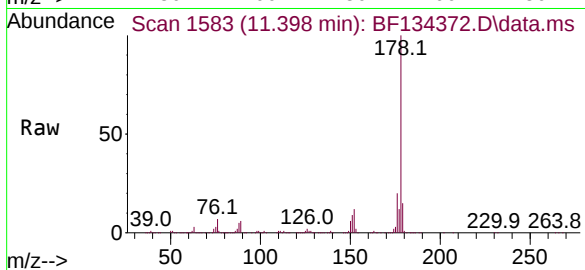
Tgt Ion:178 Resp: 481369

Ion Ratio Lower Upper

178 100

176 20.2 16.0 24.0

179 15.3 12.4 18.6



#72

Anthracene

Concen: 42.862 ng

RT: 11.451 min Scan# 1592

Delta R.T. -0.006 min

Lab File: BF134372.D

Acq: 19 Jul 2023 22:31

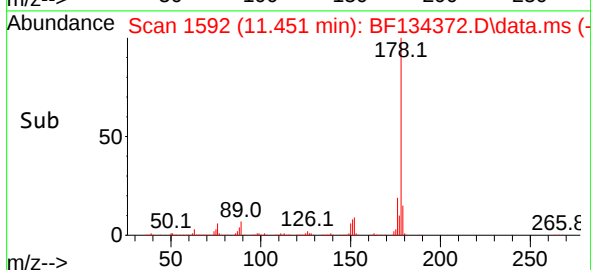
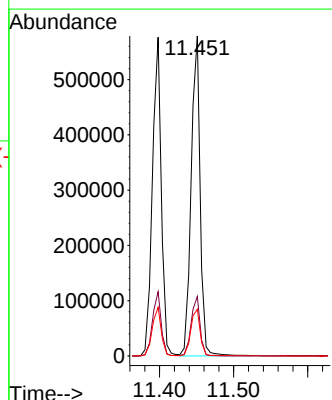
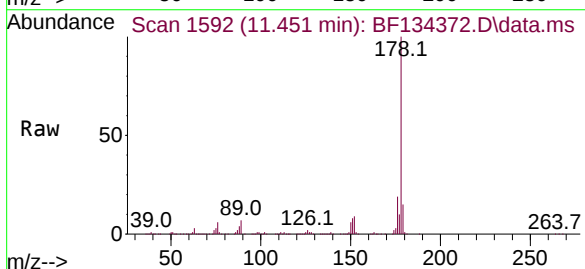
Tgt Ion:178 Resp: 489529

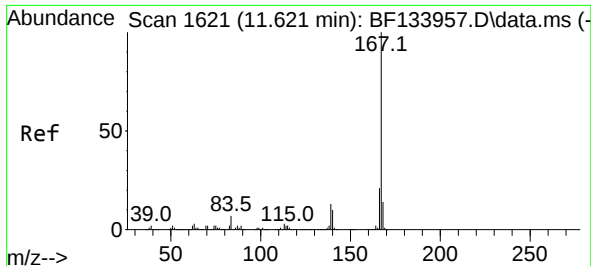
Ion Ratio Lower Upper

178 100

176 18.6 15.3 22.9

179 14.6 12.4 18.6

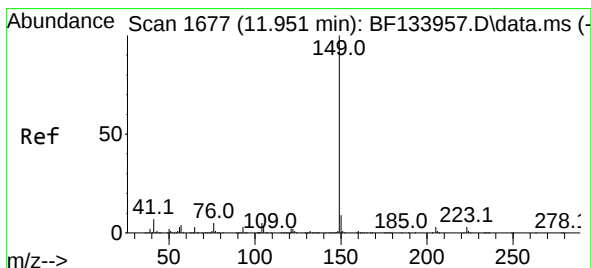
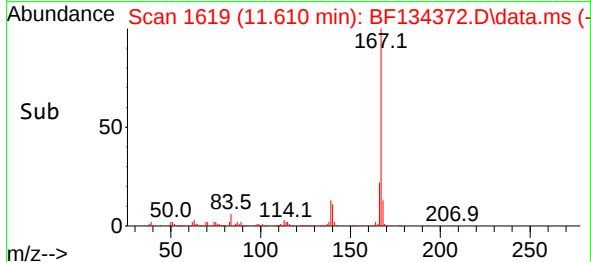
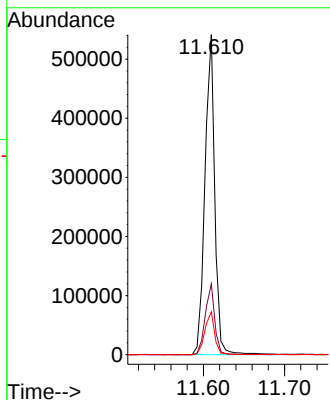
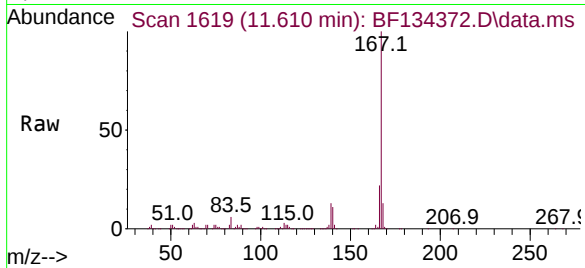




#73
 Carbazole
 Concen: 43.395 ng
 RT: 11.610 min Scan# 1619
 Delta R.T. -0.006 min
 Lab File: BF134372.D
 Acq: 19 Jul 2023 22:31

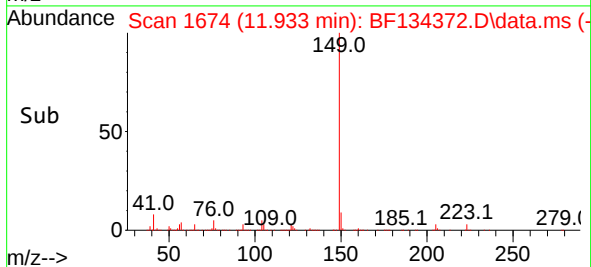
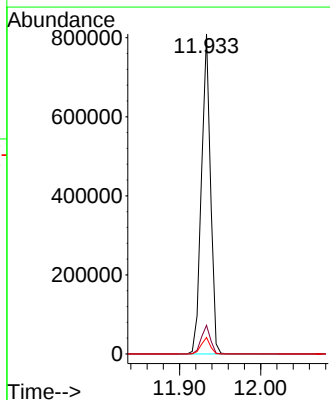
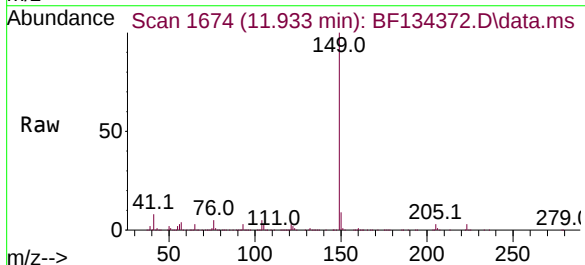
Instrument :
 BNA_F
 ClientSampleId :

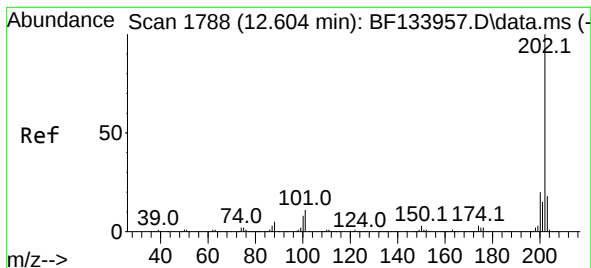
Tgt Ion:167 Resp: 453642
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.0 25.6
 139 13.4 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 50.333 ng
 RT: 11.933 min Scan# 1674
 Delta R.T. -0.006 min
 Lab File: BF134372.D
 Acq: 19 Jul 2023 22:31

Tgt Ion:149 Resp: 625710
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.1 10.7
 104 5.2 4.0 6.0





#75

Fluoranthene

Concen: 42.683 ng

RT: 12.592 min Scan# 1

Delta R.T. -0.006 min

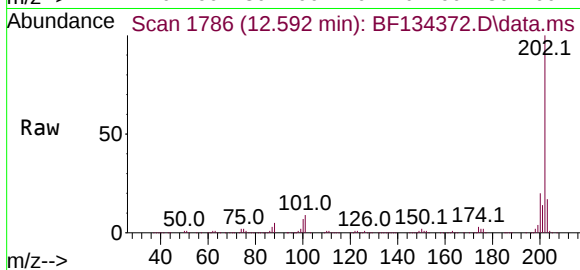
Lab File: BF134372.D

Acq: 19 Jul 2023 22:31

Instrument :

BNA_F

ClientSampleId :



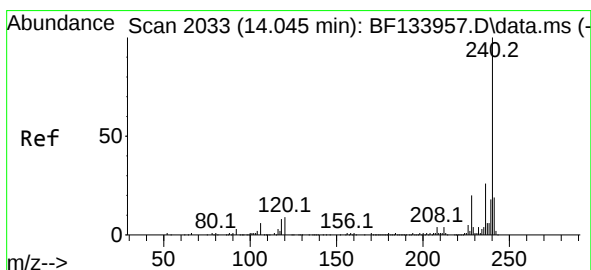
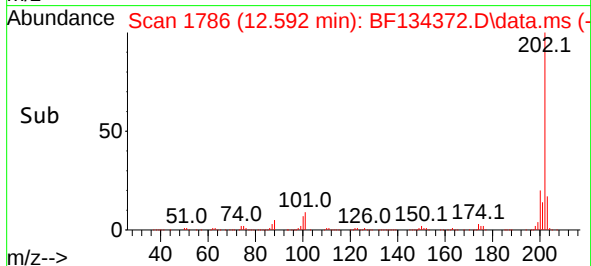
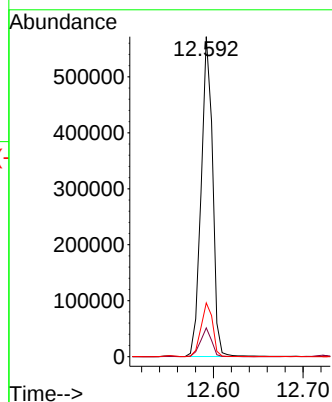
Tgt Ion:202 Resp: 506685

Ion Ratio Lower Upper

202 100

101 9.0 0.0 31.0

203 16.8 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: BF134372.D

Acq: 19 Jul 2023 22:31

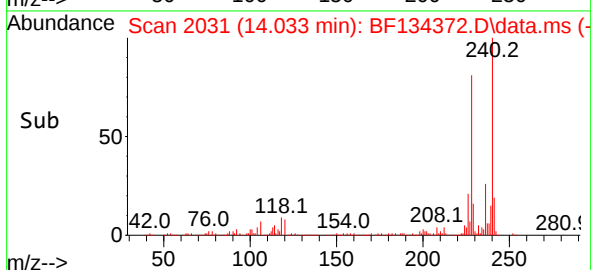
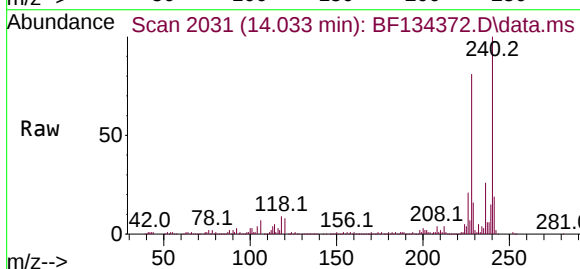
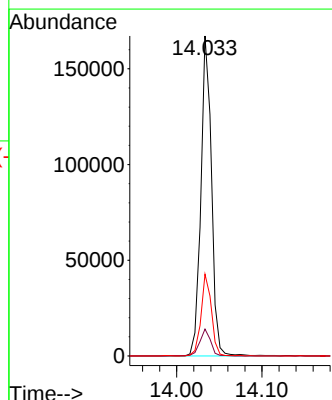
Tgt Ion:240 Resp: 144875

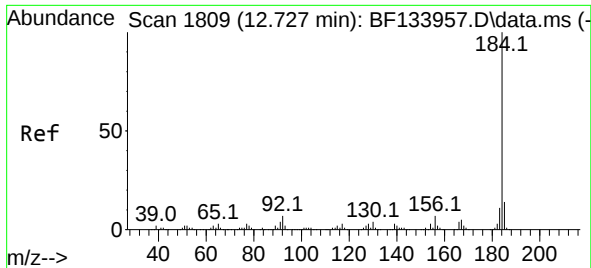
Ion Ratio Lower Upper

240 100

120 8.4 7.4 11.0

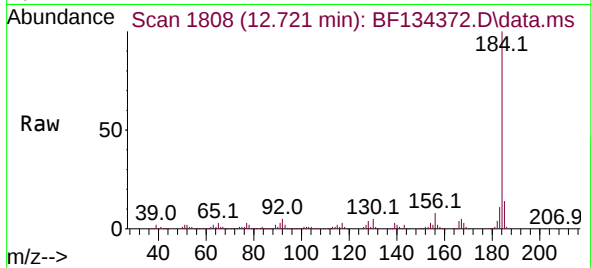
236 25.6 21.0 31.6



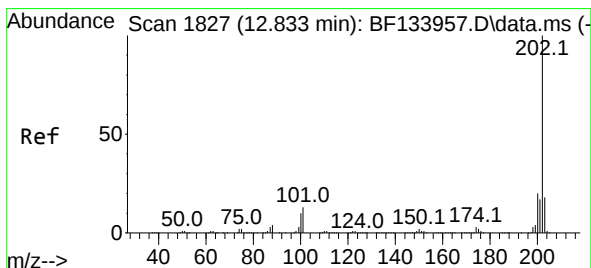
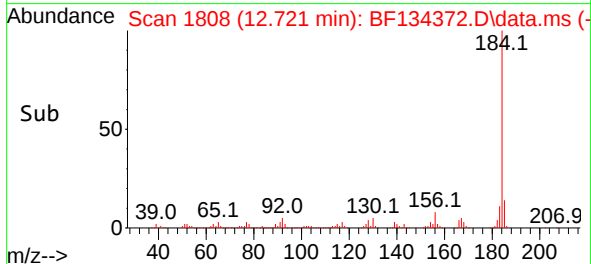
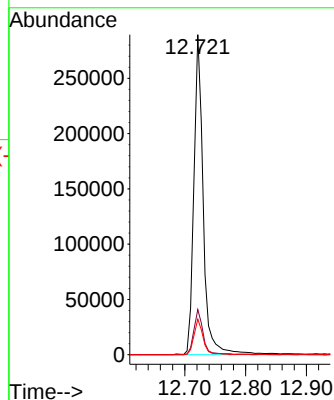


#77
Benzidine
Concen: 90.113 ng
RT: 12.721 min Scan# 1808
Delta R.T. -0.006 min
Lab File: BF134372.D
Acq: 19 Jul 2023 22:31

Instrument :
BNA_F
ClientSampleId :

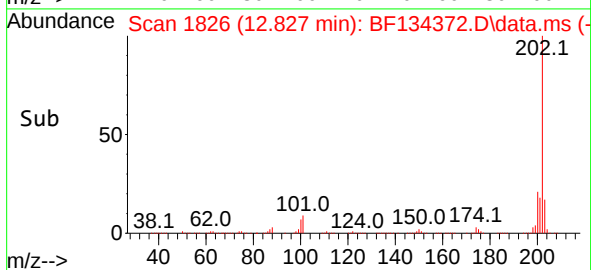
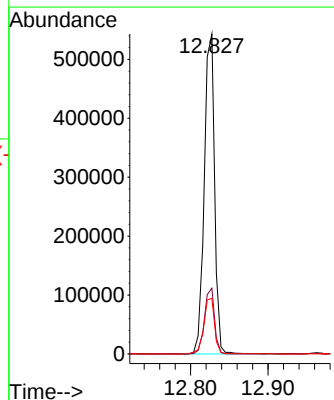
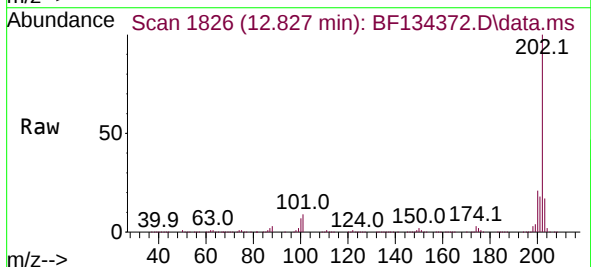


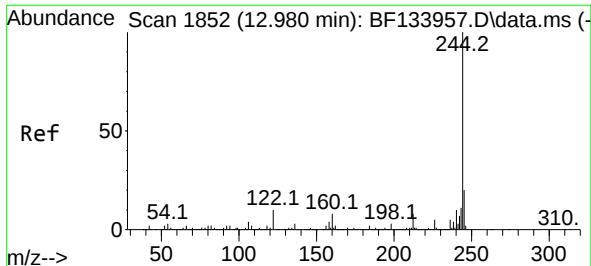
Tgt Ion:184 Resp: 310639
Ion Ratio Lower Upper
184 100
185 14.1 11.6 17.4
183 11.1 8.8 13.2



#78
Pyrene
Concen: 37.385 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF134372.D
Acq: 19 Jul 2023 22:31

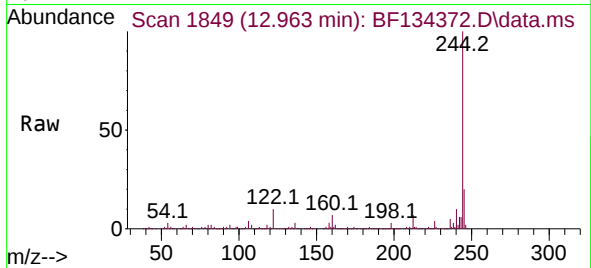
Tgt Ion:202 Resp: 504040
Ion Ratio Lower Upper
202 100
200 20.6 16.1 24.1
203 17.4 14.3 21.5



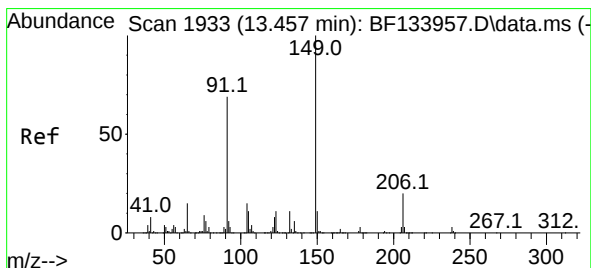
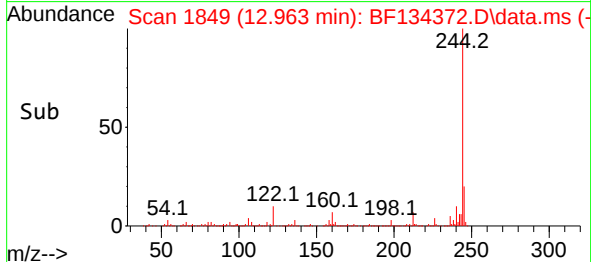
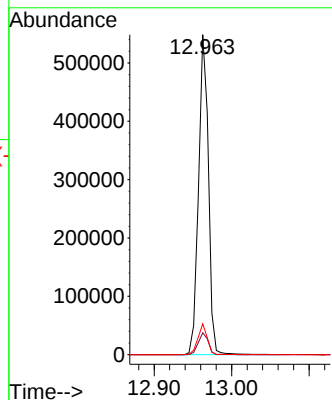


#79
 Terphenyl-d14
 Concen: 53.817 ng
 RT: 12.963 min Scan# 1849
 Delta R.T. -0.012 min
 Lab File: BF134372.D
 Acq: 19 Jul 2023 22:31

Instrument :
 BNA_F
 ClientSampleId :

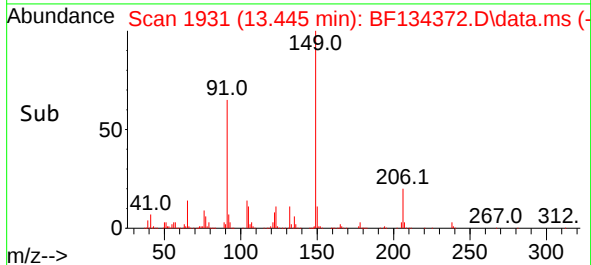
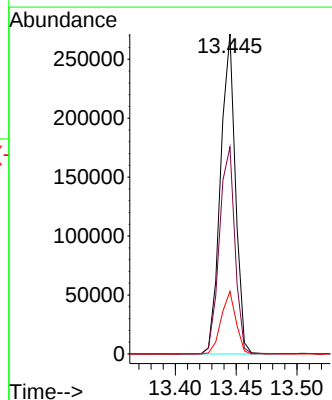
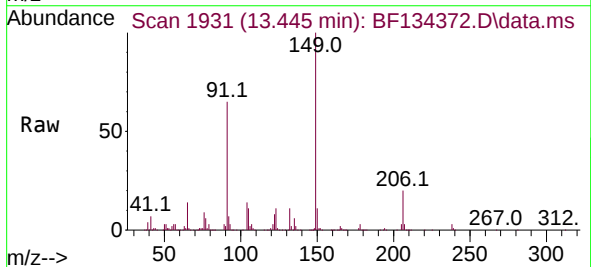


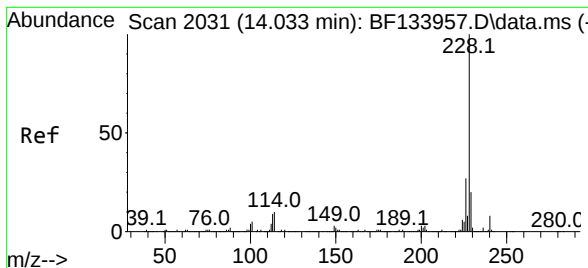
Tgt Ion:244 Resp: 484446
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 9.7 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 45.871 ng
 RT: 13.445 min Scan# 1931
 Delta R.T. -0.006 min
 Lab File: BF134372.D
 Acq: 19 Jul 2023 22:31

Tgt Ion:149 Resp: 231952
 Ion Ratio Lower Upper
 149 100
 91 64.6 55.1 82.7
 206 19.6 15.7 23.5





#81

Benzo(a)anthracene

Concen: 44.774 ng

RT: 14.021 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF134372.D

Acq: 19 Jul 2023 22:31

Instrument :

BNA_F

ClientSampleId :

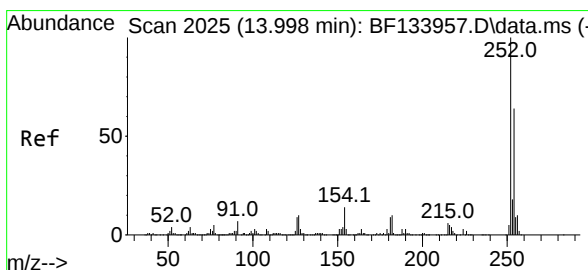
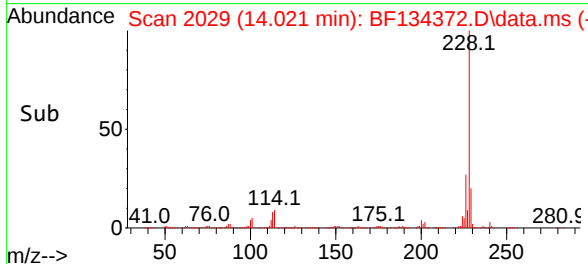
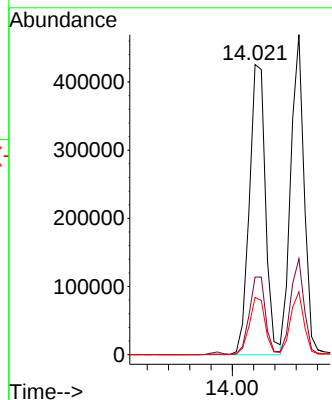
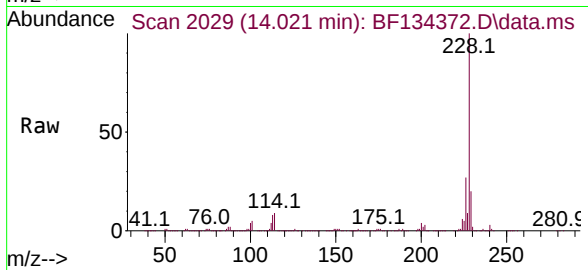
Tgt Ion:228 Resp: 449861

Ion Ratio Lower Upper

228 100

226 26.8 22.0 33.0

229 19.7 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 50.948 ng

RT: 13.986 min Scan# 2023

Delta R.T. -0.006 min

Lab File: BF134372.D

Acq: 19 Jul 2023 22:31

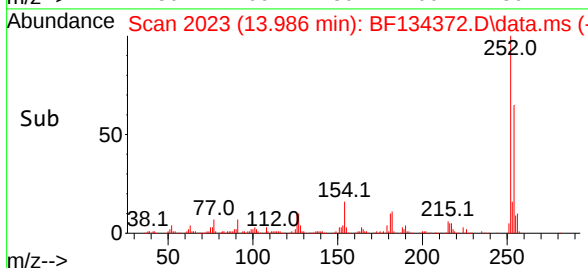
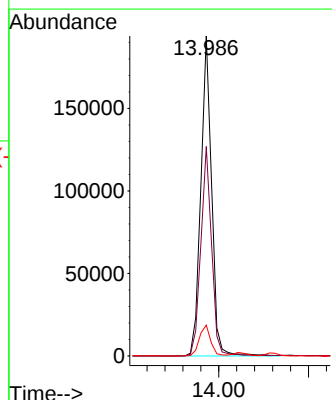
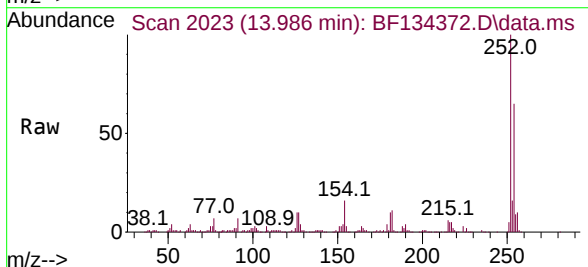
Tgt Ion:252 Resp: 162177

Ion Ratio Lower Upper

252 100

254 65.5 51.4 77.0

126 9.7 7.4 11.2





#83

Chrysene

Concen: 42.417 ng

RT: 14.063 min Scan# 2037

Delta R.T. -0.006 min

Lab File: BF134372.D

Acq: 19 Jul 2023 22:31

Instrument :

BNA_F

ClientSampleId :

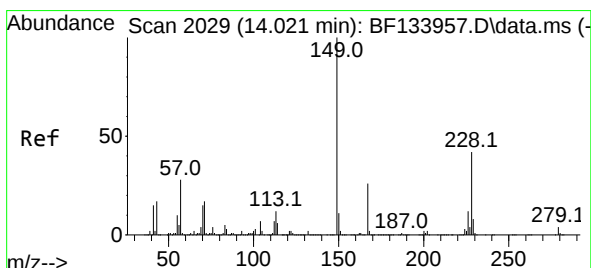
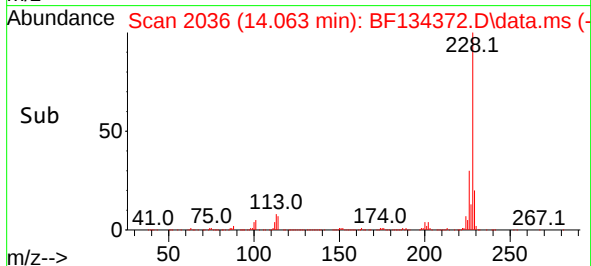
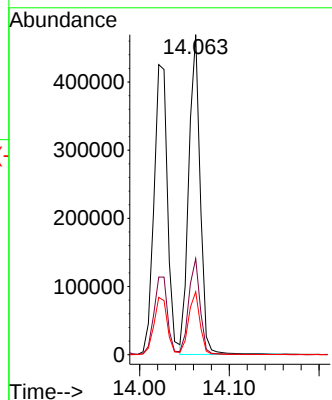
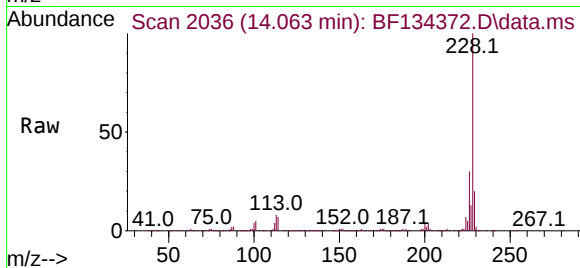
Tgt Ion:228 Resp: 412778

Ion Ratio Lower Upper

228 100

226 30.0 24.4 36.6

229 19.6 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.694 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.012 min

Lab File: BF134372.D

Acq: 19 Jul 2023 22:31

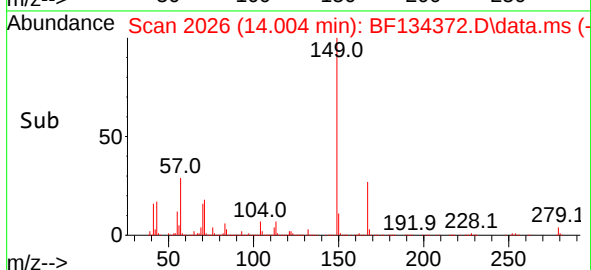
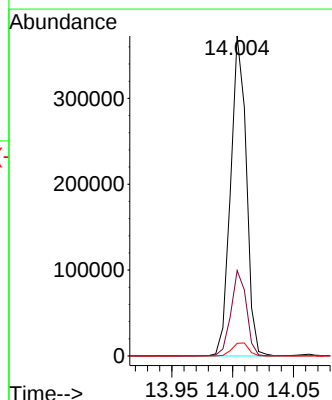
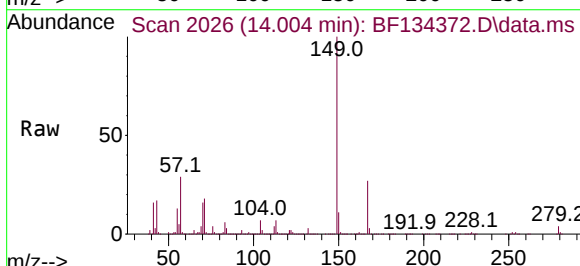
Tgt Ion:149 Resp: 335223

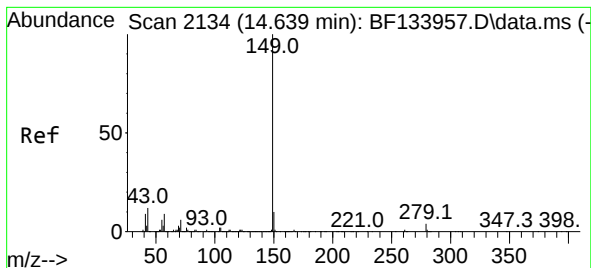
Ion Ratio Lower Upper

149 100

167 26.7 21.0 31.4

279 3.9 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 63.182 ng

RT: 14.627 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF134372.D

Acq: 19 Jul 2023 22:31

Instrument :

BNA_F

ClientSampleId :

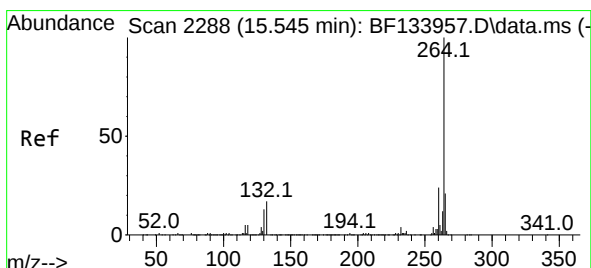
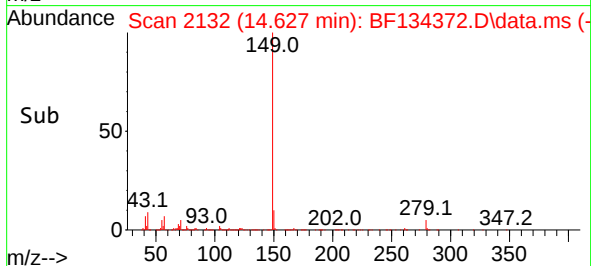
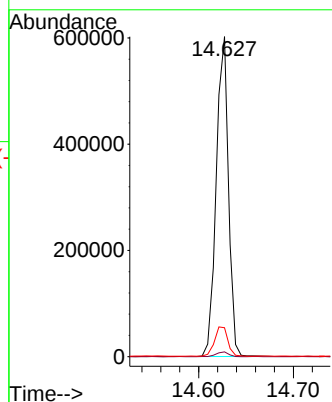
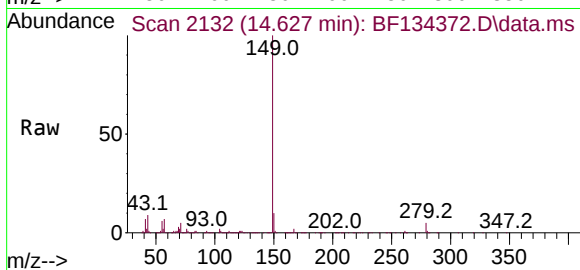
Tgt Ion:149 Resp: 539416

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 9.9 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2286

Delta R.T. -0.012 min

Lab File: BF134372.D

Acq: 19 Jul 2023 22:31

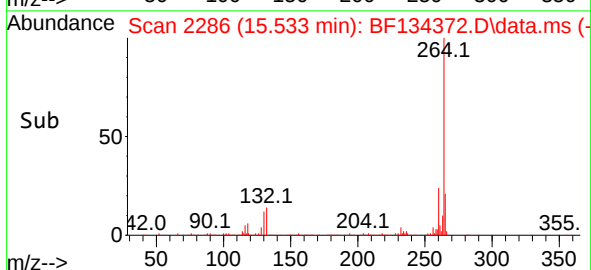
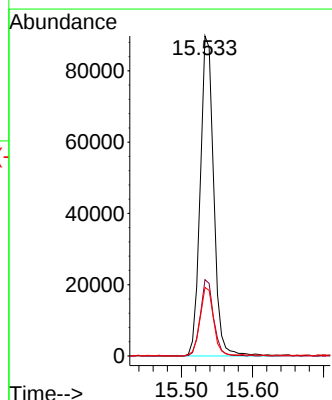
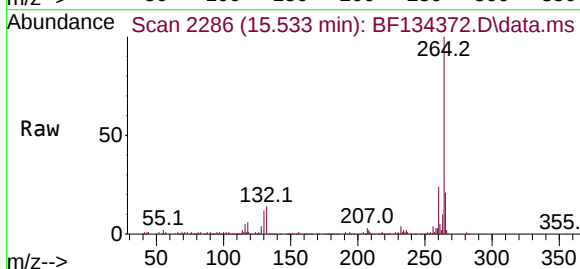
Tgt Ion:264 Resp: 118849

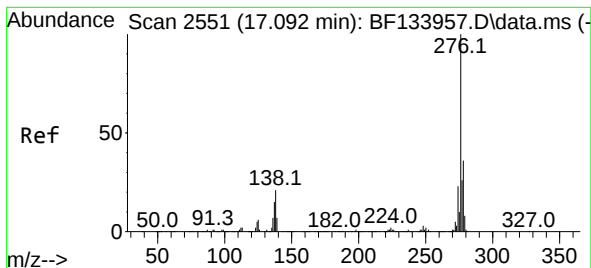
Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

265 21.4 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.080 ng

RT: 17.086 min Scan# 2111

Delta R.T. -0.012 min

Lab File: BF134372.D

Acq: 19 Jul 2023 22:31

Instrument :

BNA_F

ClientSampleId :

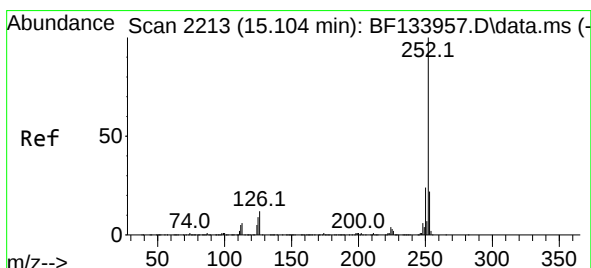
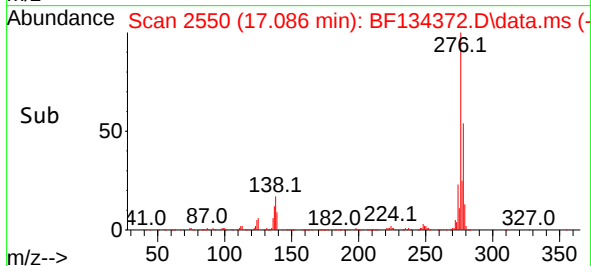
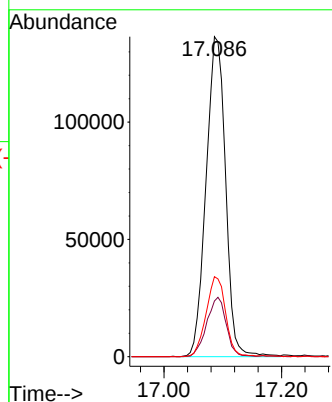
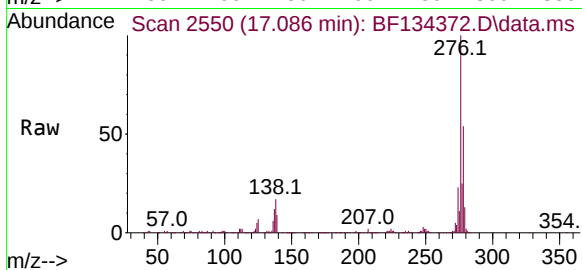
Tgt Ion:276 Resp: 314041

Ion Ratio Lower Upper

276 100

138 18.6 18.7 28.1#

277 25.0 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 51.726 ng

RT: 15.092 min Scan# 2211

Delta R.T. -0.012 min

Lab File: BF134372.D

Acq: 19 Jul 2023 22:31

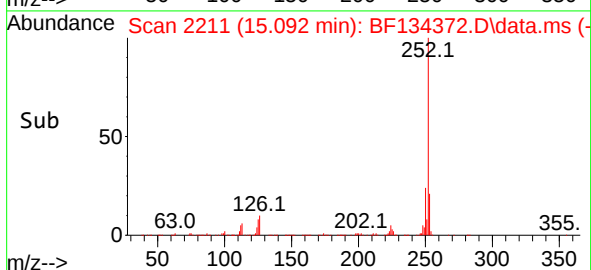
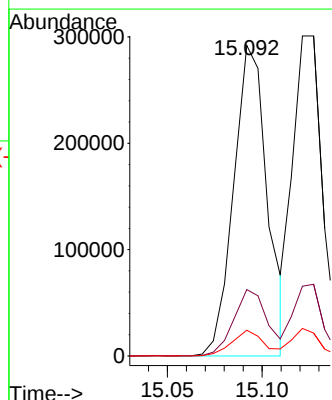
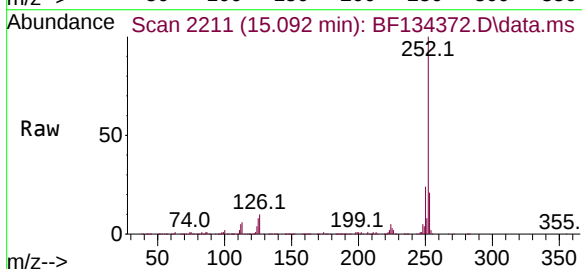
Tgt Ion:252 Resp: 361480

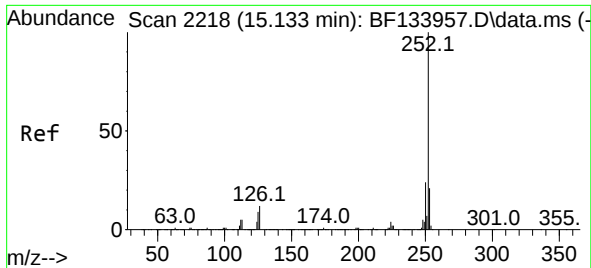
Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.0

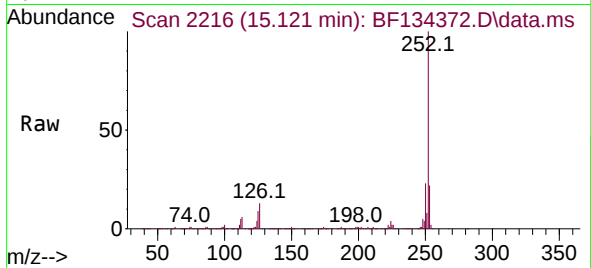
125 8.3 7.1 10.7



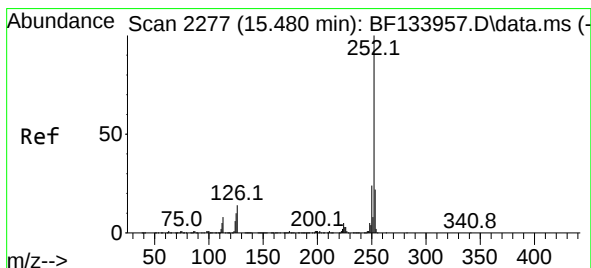
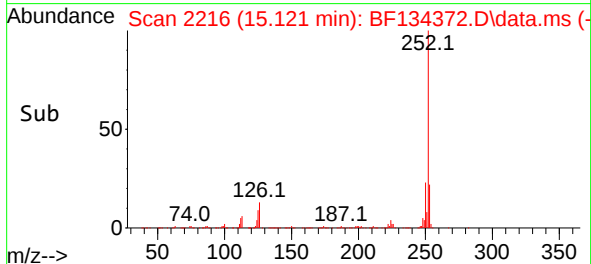
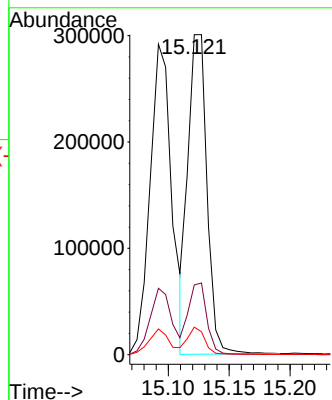


#89
Benzo(k)fluoranthene
Concen: 45.980 ng
RT: 15.121 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF134372.D
Acq: 19 Jul 2023 22:31

Instrument :
BNA_F
ClientSampleId :

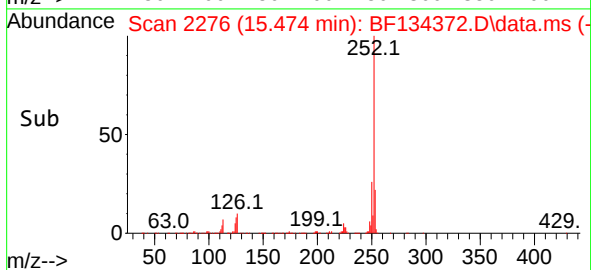
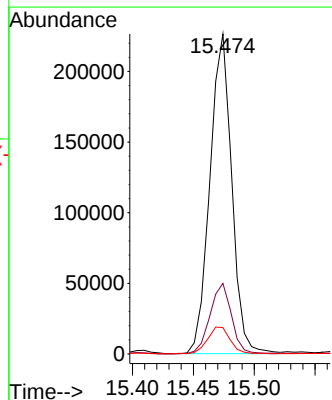
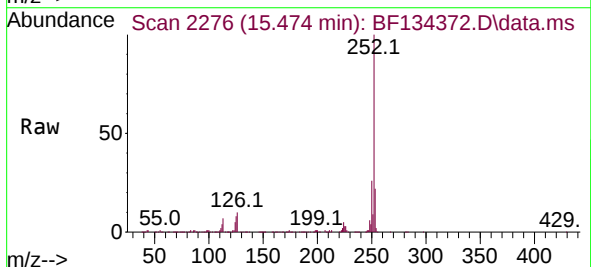


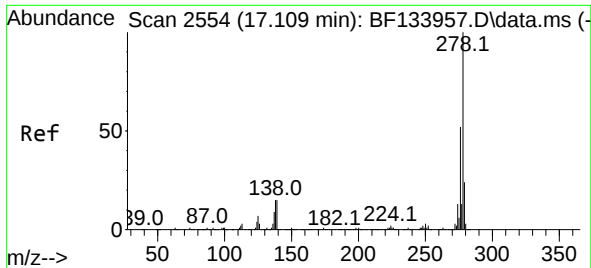
Tgt Ion:252 Resp: 327160
Ion Ratio Lower Upper
252 100
253 21.8 16.9 25.3
125 8.6 7.4 11.2



#90
Benzo(a)pyrene
Concen: 41.833 ng
RT: 15.474 min Scan# 2276
Delta R.T. -0.006 min
Lab File: BF134372.D
Acq: 19 Jul 2023 22:31

Tgt Ion:252 Resp: 282697
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 8.2 8.4 12.6#

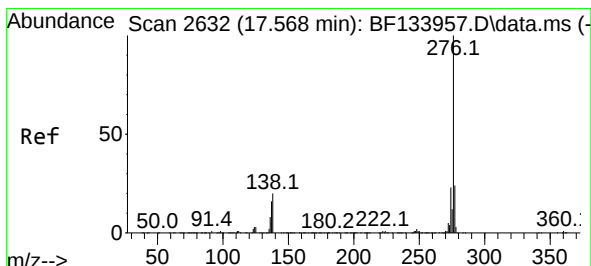
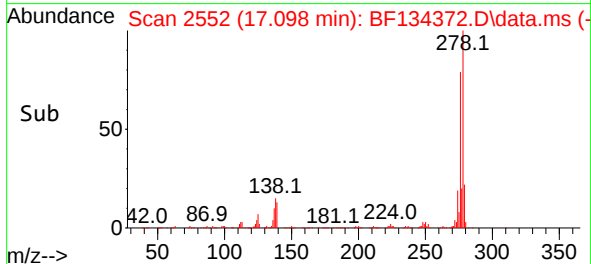
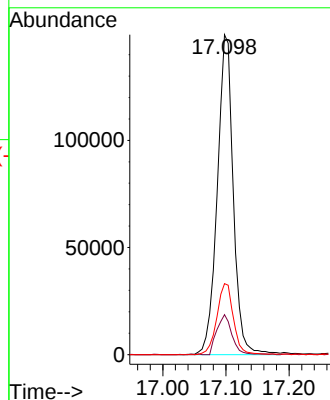
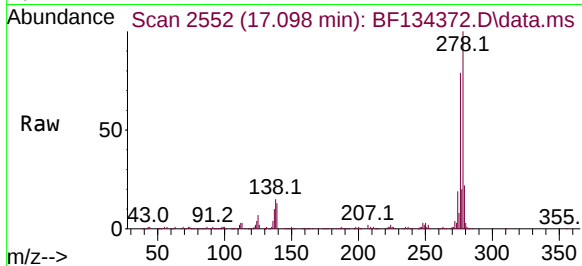




#91
Dibenzo(a,h)anthracene
Concen: 39.146 ng
RT: 17.098 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF134372.D
Acq: 19 Jul 2023 22:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 263691
Ion Ratio Lower Upper
278 100
139 12.5 12.2 18.4
279 22.2 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 35.676 ng
RT: 17.556 min Scan# 2630
Delta R.T. -0.012 min
Lab File: BF134372.D
Acq: 19 Jul 2023 22:31

Tgt Ion:276 Resp: 247819
Ion Ratio Lower Upper
276 100
277 23.2 19.0 28.6
138 15.4 16.2 24.2#

