

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051723\
 Data File : BF133412.D
 Acq On : 17 May 2023 14:35
 Operator : CG\JU
 Sample : PB152851BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 17 17:11:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 16 14:39:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	263548	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	1033104	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	528350	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	935152	20.000	ng	0.00
76) Chrysene-d12	13.880	240	576609	20.000	ng	0.00
86) Perylene-d12	15.298	264	569871	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1613053	92.457	ng	0.00
7) Phenol-d6	6.369	99	1935076	89.361	ng	0.00
23) Nitrobenzene-d5	7.287	82	1183128	61.815	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	500044	94.107	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	2087255	66.092	ng	0.00
79) Terphenyl-d14	12.828	244	2196389	65.695	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.469	88	308676	38.144	ng	94
3) Pyridine	3.163	79	734555	34.176	ng	97
4) n-Nitrosodimethylamine	3.128	42	372666	33.475	ng	87
6) Aniline	6.381	93	859350	30.811	ng	# 25
8) 2-Chlorophenol	6.504	128	721243	40.716	ng	97
9) Benzaldehyde	6.263	77	394977	39.289	ng	97
10) Phenol	6.381	94	864266	36.178	ng	# 73
11) bis(2-Chloroethyl)ether	6.457	93	686851	38.315	ng	97
12) 1,3-Dichlorobenzene	6.657	146	771991	40.991	ng	97
13) 1,4-Dichlorobenzene	6.734	146	780989	41.377	ng	99
14) 1,2-Dichlorobenzene	6.887	146	728393	41.858	ng	98
15) Benzyl Alcohol	6.869	79	545211	36.449	ng	99
16) 2,2'-oxybis(1-Chloropr...	6.998	45	1062630	34.128	ng	85
17) 2-Methylphenol	6.987	107	605172	37.310	ng	97
18) Hexachloroethane	7.228	117	273689	41.707	ng	97
19) n-Nitroso-di-n-propyla...	7.140	70	460878	34.187	ng	95
20) 3+4-Methylphenols	7.140	107	734596	38.457	ng	# 77
22) Acetophenone	7.128	105	991171	41.417	ng	# 92
24) Nitrobenzene	7.304	77	736017	37.949	ng	100
25) Isophorone	7.545	82	1390251	38.257	ng	99
26) 2-Nitrophenol	7.622	139	418311	44.717	ng	93
27) 2,4-Dimethylphenol	7.669	122	660780	41.194	ng	99
28) bis(2-Chloroethoxy)met...	7.757	93	829761	38.597	ng	100
29) 2,4-Dichlorophenol	7.869	162	610594	41.814	ng	98
30) 1,2,4-Trichlorobenzene	7.945	180	640746	42.355	ng	99
31) Naphthalene	8.028	128	2040079	39.497	ng	99
32) Benzoic acid	7.816	122	377485	38.098	ng	92
33) 4-Chloroaniline	8.075	127	588703	28.209	ng	99
34) Hexachlorobutadiene	8.140	225	344142	41.044	ng	98
35) Caprolactam	8.457	113	143666	29.286	ng	87
36) 4-Chloro-3-methylphenol	8.569	107	653617	41.507	ng	99
37) 2-Methylnaphthalene	8.716	142	1365438	38.667	ng	99
38) 1-Methylnaphthalene	8.816	142	1260702	38.163	ng	99
40) 1,2,4,5-Tetrachloroben...	8.887	216	571845	40.254	ng	99
41) Hexachlorocyclopentadiene	8.869	237	634684	76.607	ng	99
43) 2,4,6-Trichlorophenol	8.998	196	398507	40.563	ng	97

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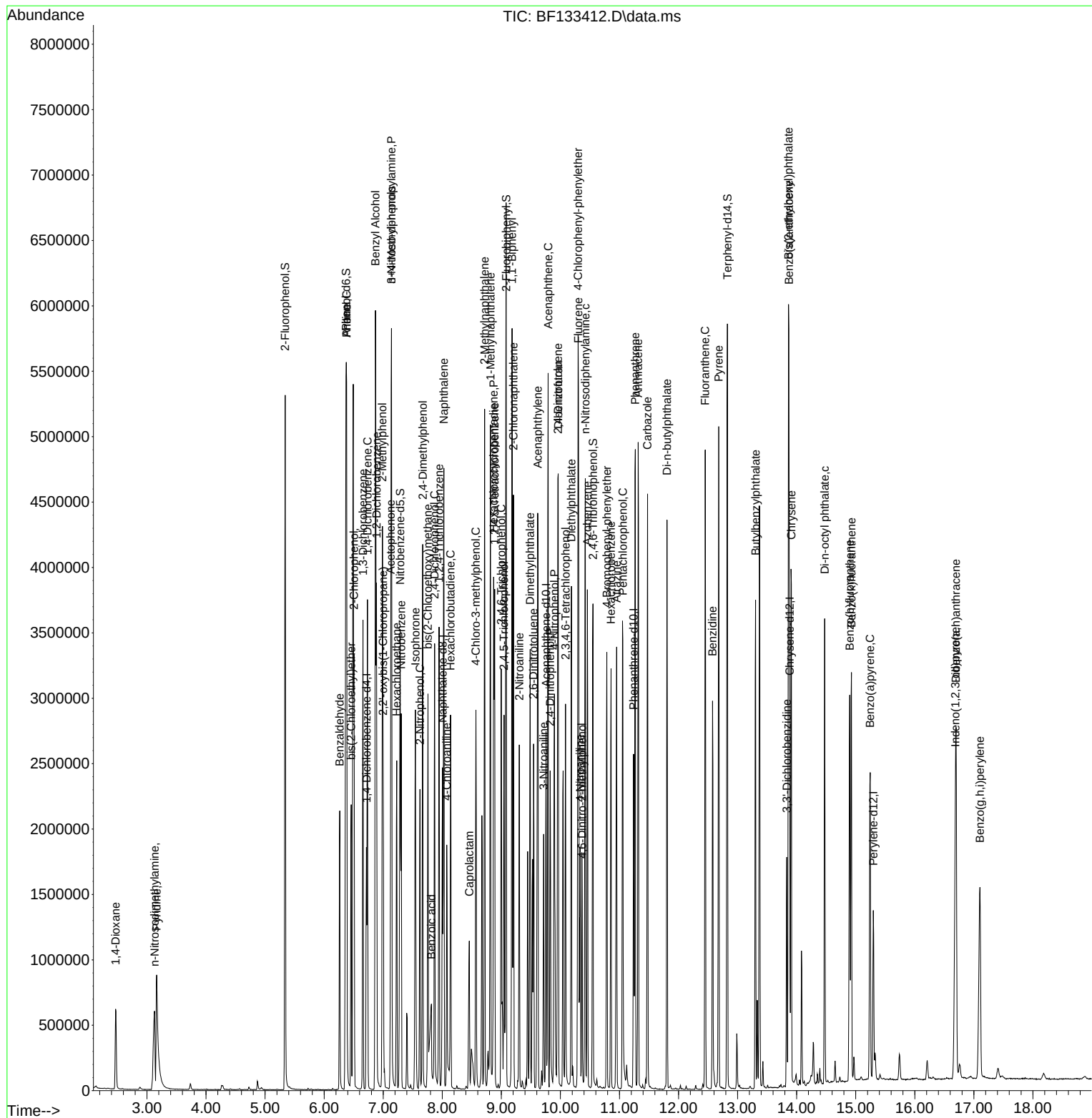
Instrument :
 BNA_F
 ClientSampleId :

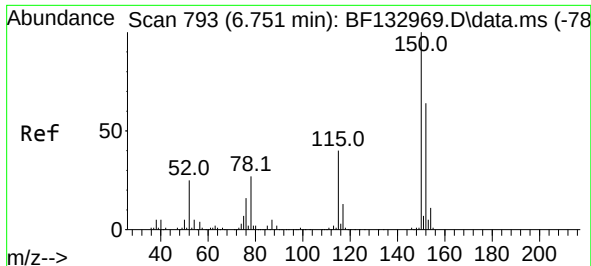
Quant Time: May 17 17:11:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 16 14:39:29 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	428680	37.729	ng	97
46) 1,1'-Biphenyl	9.181	154	1660975	39.645	ng	99
47) 2-Chloronaphthalene	9.204	162	1262609	41.174	ng	99
48) 2-Nitroaniline	9.304	65	389341	38.417	ng	97
49) Acenaphthylene	9.616	152	1923533	39.257	ng	100
50) Dimethylphthalate	9.487	163	1467616	39.837	ng	100
51) 2,6-Dinitrotoluene	9.545	165	348689	42.052	ng	95
52) Acenaphthene	9.792	154	1193566	36.371	ng	100
53) 3-Nitroaniline	9.716	138	305809	31.017	ng	98
54) 2,4-Dinitrophenol	9.828	184	343665	82.455	ng	97
55) Dibenzofuran	9.963	168	1668836	37.280	ng	98
56) 4-Nitrophenol	9.898	139	527733	69.110	ng	99
57) 2,4-Dinitrotoluene	9.957	165	421719	39.881	ng	# 95
58) Fluorene	10.304	166	1296030	39.517	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.086	232	350222	39.759	ng	98
60) Diethylphthalate	10.187	149	1345084	38.654	ng	98
61) 4-Chlorophenyl-phenyle...	10.298	204	614798	38.467	ng	98
62) 4-Nitroaniline	10.334	138	387347	42.746	ng	96
63) Azobenzene	10.457	77	1345681	36.505	ng	98
65) 4,6-Dinitro-2-methylph...	10.369	198	247145	43.602	ng	99
66) n-Nitrosodiphenylamine	10.422	169	1170879	38.600	ng	99
67) 4-Bromophenyl-phenylether	10.786	248	390378	38.490	ng	98
68) Hexachlorobenzene	10.857	284	428264	41.208	ng	98
69) Atrazine	10.951	200	400165	45.783	ng	98
70) Pentachlorophenol	11.057	266	506495	68.431	ng	96
71) Phenanthrene	11.269	178	1921864	38.237	ng	99
72) Anthracene	11.316	178	1991890	38.725	ng	99
73) Carbazole	11.475	167	1793073	39.149	ng	99
74) Di-n-butylphthalate	11.804	149	2114307	40.792	ng	100
75) Fluoranthene	12.451	202	1934389	38.348	ng	99
77) Benzidine	12.575	184	1152033	118.148	ng	# 93
78) Pyrene	12.680	202	1975110	39.959	ng	99
80) Butylbenzylphthalate	13.304	149	853171	48.749	ng	98
81) Benzo(a)anthracene	13.869	228	1478541	37.288	ng	99
82) 3,3'-Dichlorobenzidine	13.833	252	374294	34.170	ng	99
83) Chrysene	13.910	228	1476492	37.246	ng	99
84) Bis(2-ethylhexyl)phtha...	13.863	149	993632	45.232	ng	99
85) Di-n-octyl phthalate	14.474	149	1598535	44.628	ng	96
87) Indeno(1,2,3-cd)pyrene	16.686	276	1381267	42.611	ng	99
88) Benzo(b)fluoranthene	14.898	252	1365238	37.657	ng	99
89) Benzo(k)fluoranthene	14.927	252	1265207	35.205	ng	100
90) Benzo(a)pyrene	15.245	252	1145187	34.704	ng	99
91) Dibenzo(a,h)anthracene	16.698	278	1127016	41.686	ng	99
92) Benzo(g,h,i)perylene	17.104	276	1155941	43.307	ng	98

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

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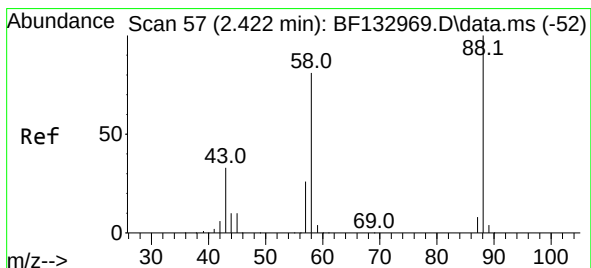
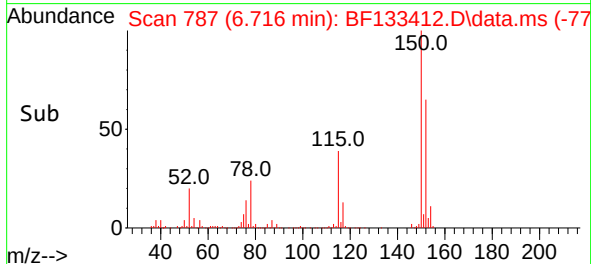
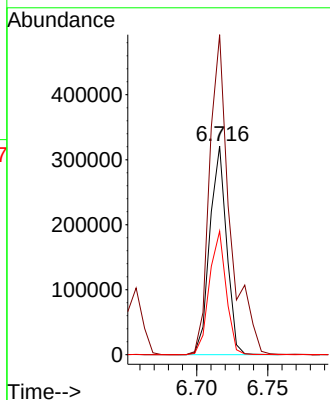
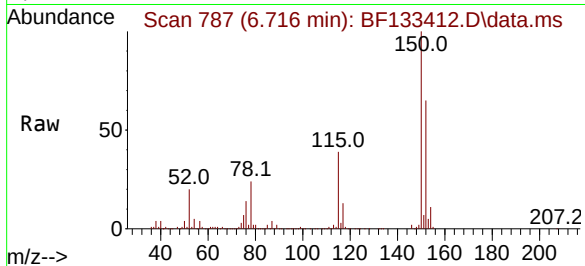




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.716 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF133412.D
 Acq: 17 May 2023 14:35

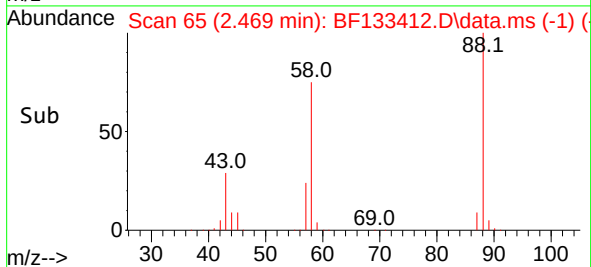
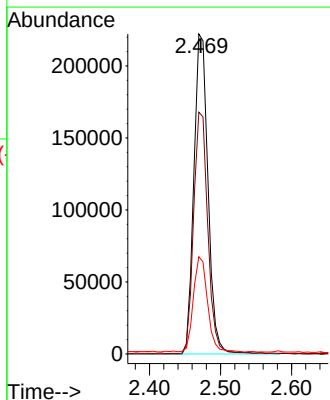
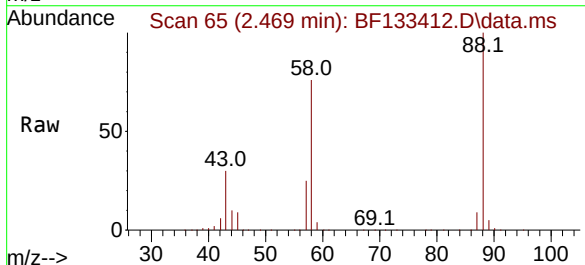
Instrument :
 BNA_F
 ClientSampleId :

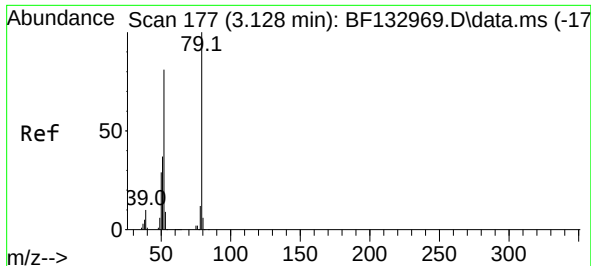
Tgt Ion:152 Resp: 263548
 Ion Ratio Lower Upper
 152 100
 150 153.4 124.8 187.2
 115 59.2 49.9 74.9



#2
 1,4-Dioxane
 Concen: 38.144 ng
 RT: 2.469 min Scan# 65
 Delta R.T. 0.100 min
 Lab File: BF133412.D
 Acq: 17 May 2023 14:35

Tgt Ion: 88 Resp: 308676
 Ion Ratio Lower Upper
 88 100
 58 75.8 64.7 97.1
 43 29.9 26.2 39.2

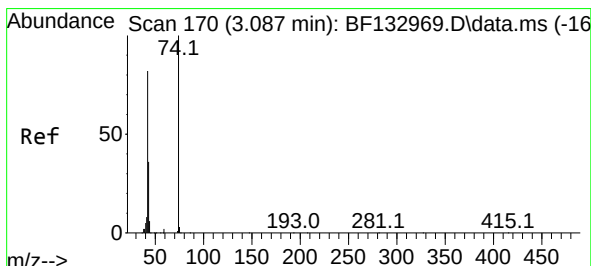
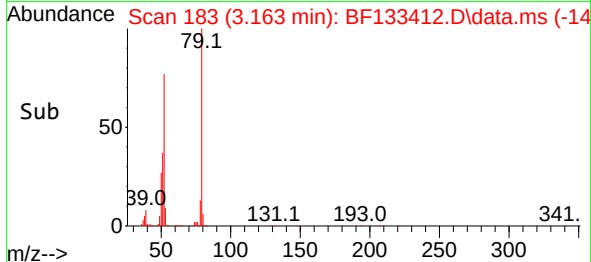
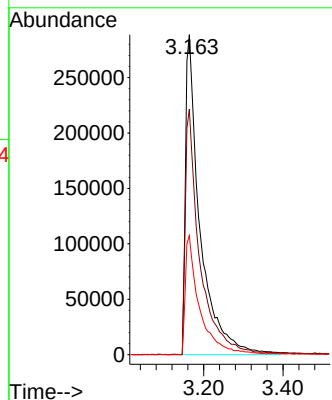
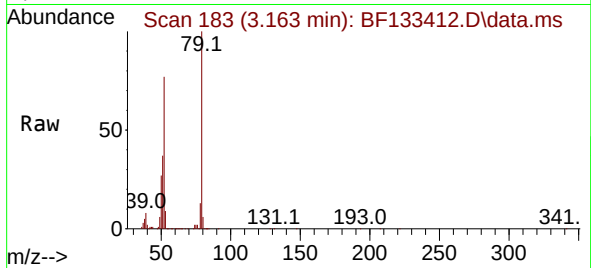




#3
Pyridine
Concen: 34.176 ng
RT: 3.163 min Scan# 11
Delta R.T. 0.100 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

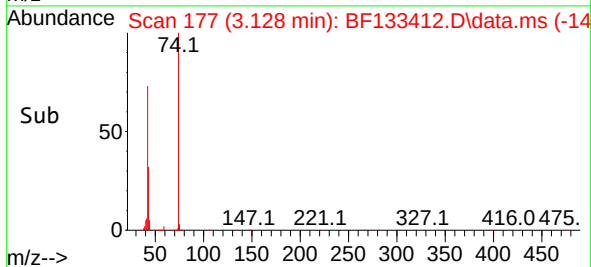
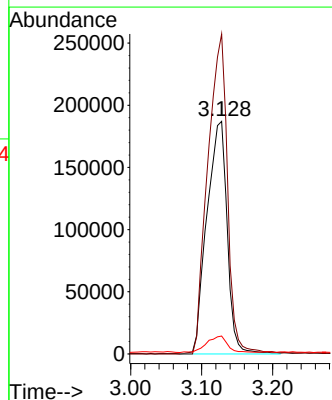
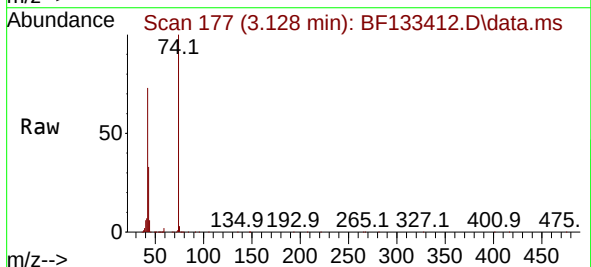
Instrument :
BNA_F
ClientSampleId :

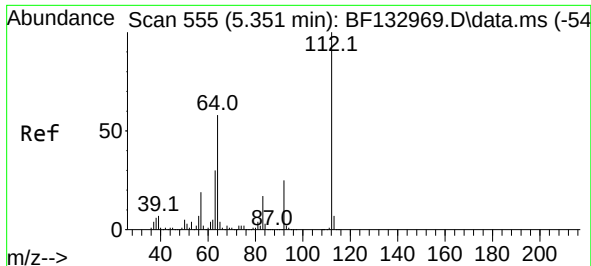
Tgt Ion: 79 Resp: 734555
Ion Ratio Lower Upper
79 100
52 76.7 64.6 96.8
51 37.2 30.0 45.0



#4
n-Nitrosodimethylamine
Concen: 33.475 ng
RT: 3.128 min Scan# 177
Delta R.T. 0.100 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

Tgt Ion: 42 Resp: 372666
Ion Ratio Lower Upper
42 100
74 137.5 98.0 147.0
44 7.7 5.8 8.8

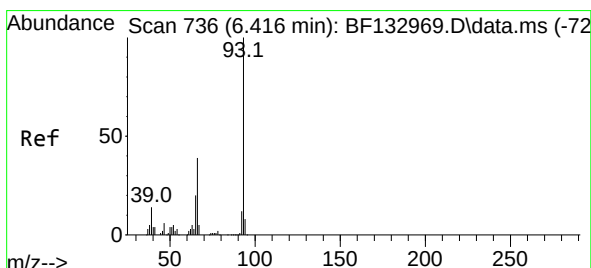
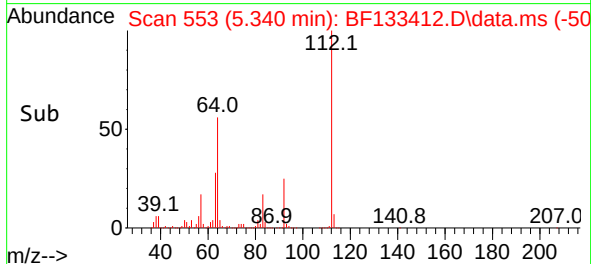
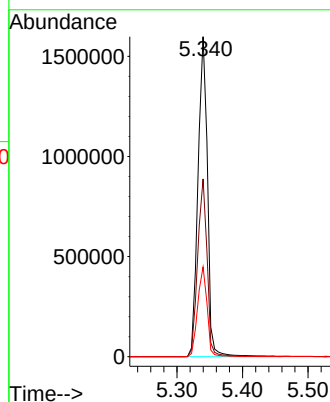
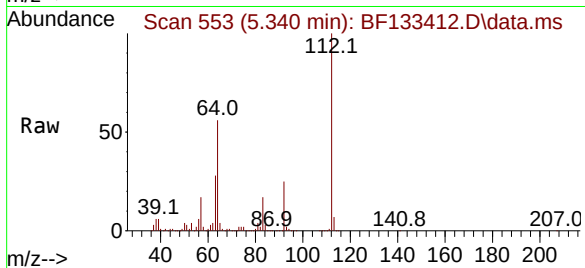




#5
2-Fluorophenol
Concen: 92.457 ng
RT: 5.340 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

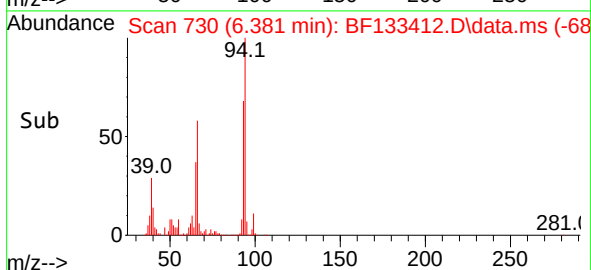
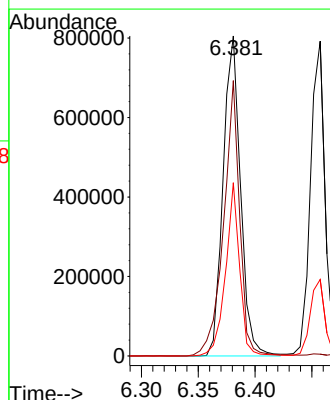
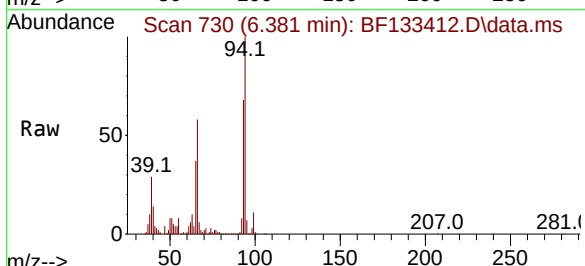
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BNA_F
ClientSampleId :

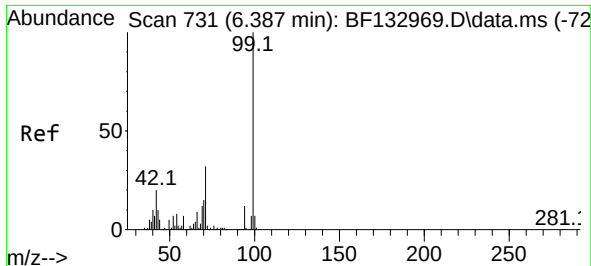
Tgt Ion:112 Resp: 1613053
Ion Ratio Lower Upper
112 100
64 55.6 46.8 70.2
63 28.1 23.8 35.8



#6
Aniline
Concen: 30.811 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

Tgt Ion: 93 Resp: 859350
Ion Ratio Lower Upper
93 100
66 86.1 31.5 47.3#
65 54.2 16.4 24.6#





#7

Phenol-d6

Concen: 89.361 ng

RT: 6.369 min Scan# 71

Delta R.T. 0.000 min

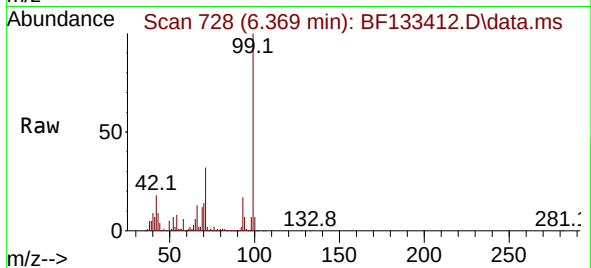
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Acq: 17 May 2023 14:35

Instrument :

BNA_F

ClientSampleId :



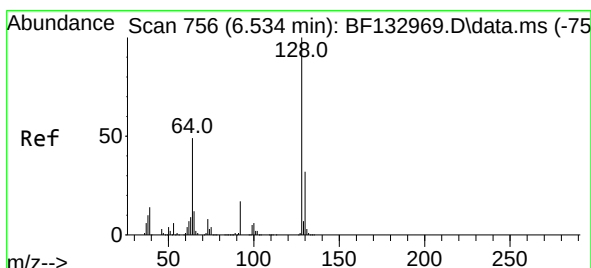
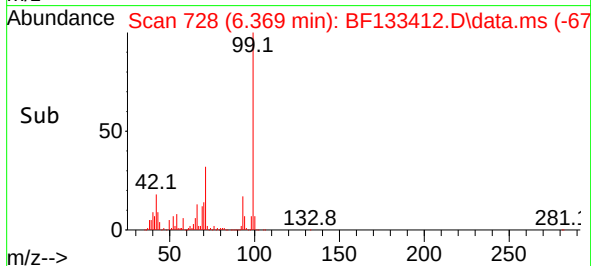
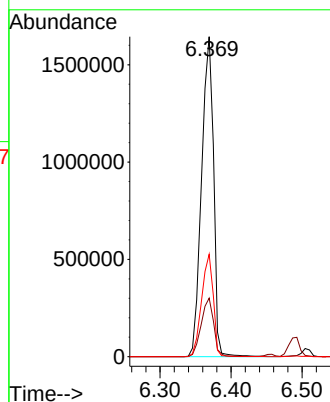
Tgt Ion: 99 Resp: 1935076

Ion Ratio Lower Upper

99 100

42 18.3 16.3 24.5

71 32.0 25.6 38.4



#8

2-Chlorophenol

Concen: 40.716 ng

RT: 6.504 min Scan# 751

Delta R.T. -0.006 min

Lab File: BF133412.D

Acq: 17 May 2023 14:35

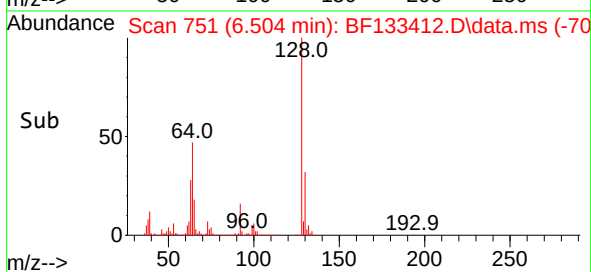
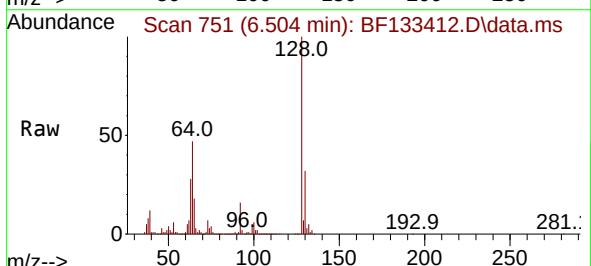
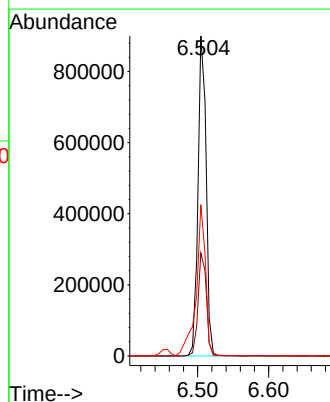
Tgt Ion:128 Resp: 721243

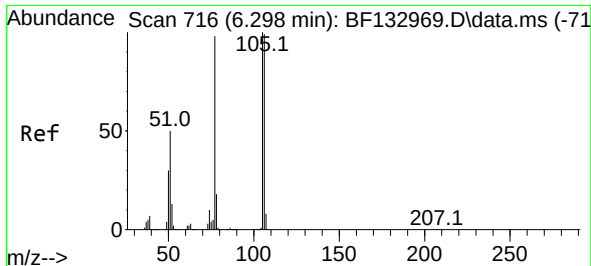
Ion Ratio Lower Upper

128 100

130 32.2 12.2 52.2

64 47.2 30.3 70.3





#9

Benzaldehyde

Concen: 39.289 ng

RT: 6.263 min Scan# 710

Delta R.T. -0.006 min

Lab File: BF133412.D

Acq: 17 May 2023 14:35

Instrument :

BNA_F

ClientSampleId :

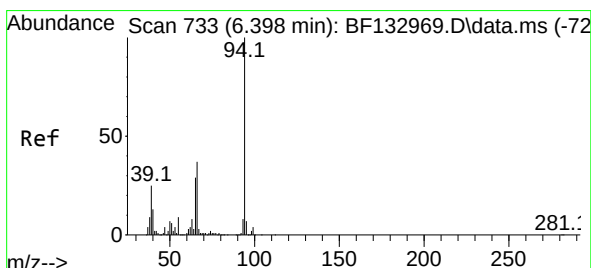
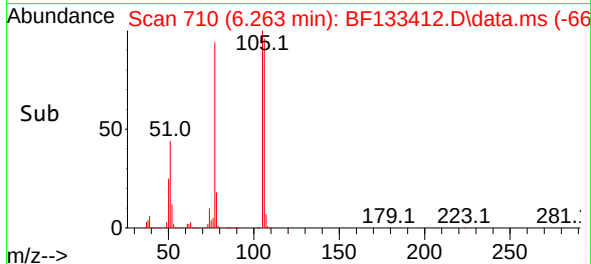
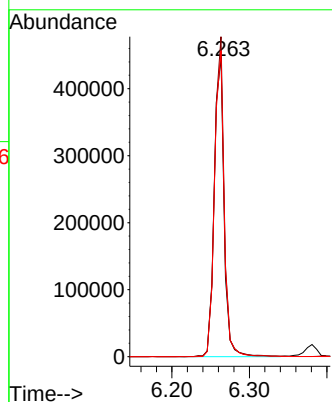
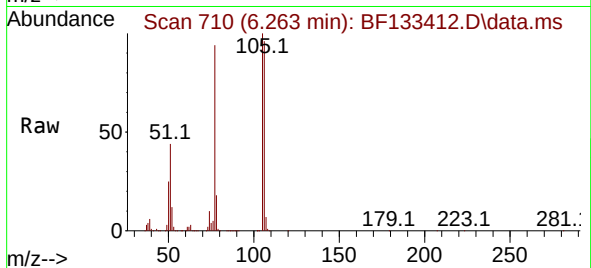
Tgt Ion: 77 Resp: 394977

Ion Ratio Lower Upper

77 100

105 106.8 82.3 122.3

106 102.2 80.8 120.8



#10

Phenol

Concen: 36.178 ng

RT: 6.381 min Scan# 730

Delta R.T. -0.006 min

Lab File: BF133412.D

Acq: 17 May 2023 14:35

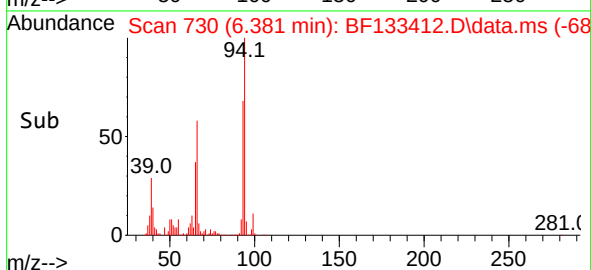
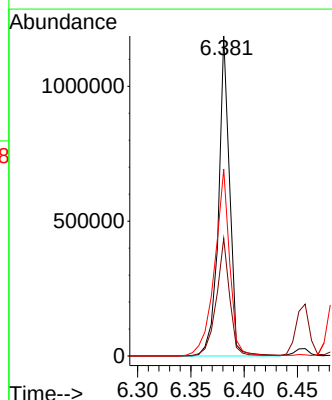
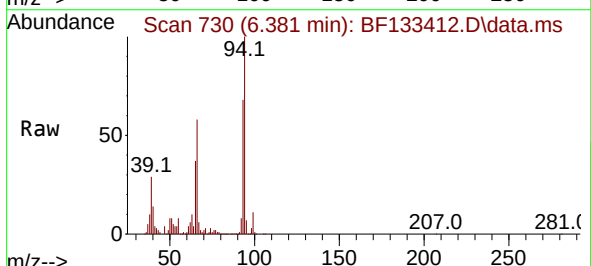
Tgt Ion: 94 Resp: 864266

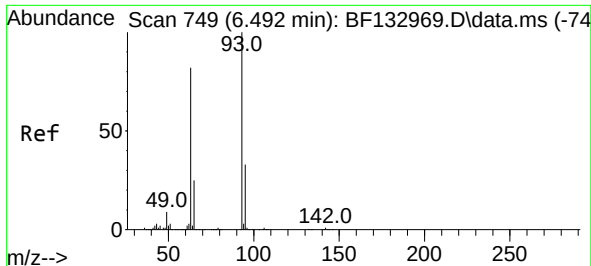
Ion Ratio Lower Upper

94 100

65 36.7 8.6 48.6

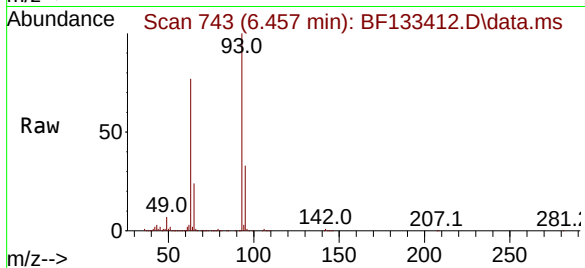
66 58.4 17.3 57.3#



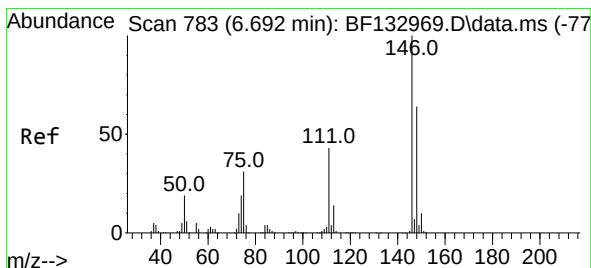
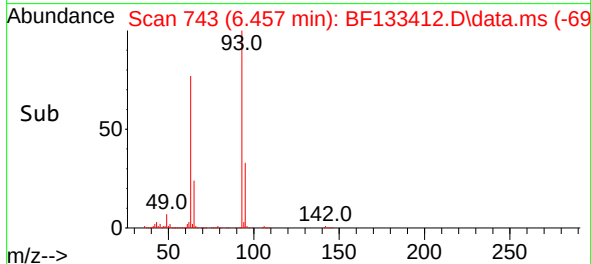
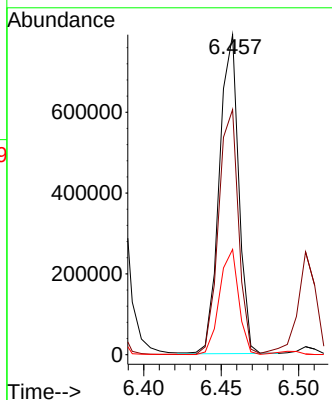


#11
bis(2-Chloroethyl)ether
Concen: 38.315 ng
RT: 6.457 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

Instrument :
BNA_F
ClientSampleId :

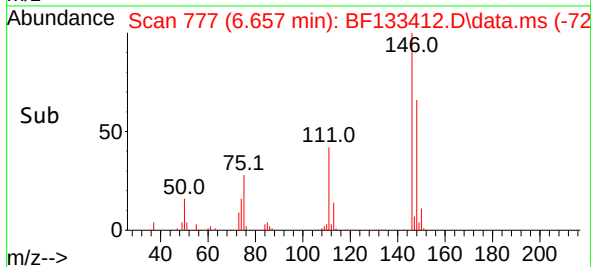
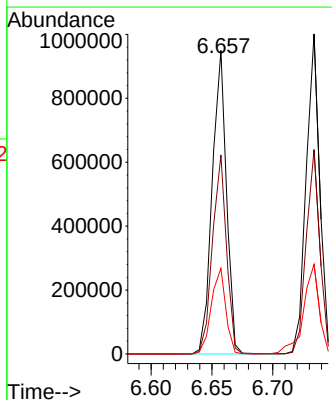
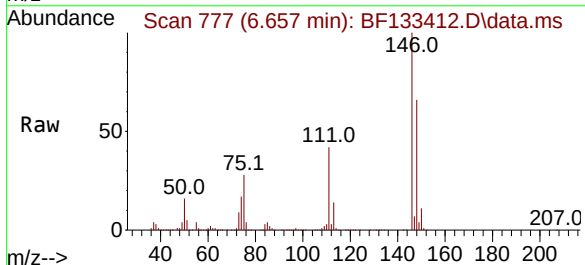


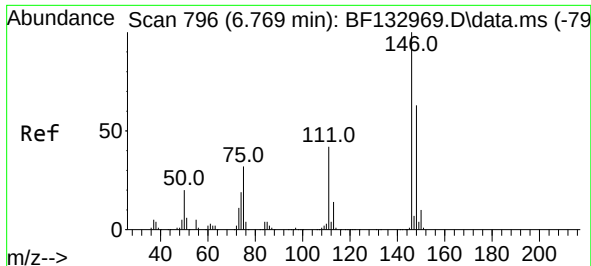
Tgt Ion: 93 Resp: 686851
Ion Ratio Lower Upper
93 100
63 76.6 60.6 100.6
95 32.9 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 40.991 ng
RT: 6.657 min Scan# 777
Delta R.T. -0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

Tgt Ion:146 Resp: 771991
Ion Ratio Lower Upper
146 100
148 65.6 51.0 76.4
75 28.2 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 41.377 ng

RT: 6.734 min Scan# 796

Delta R.T. -0.006 min

Lab File: BF133412.D

Acq: 17 May 2023 14:35

Instrument :

BNA_F

ClientSampleId :

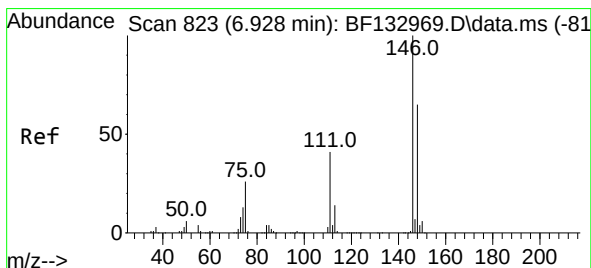
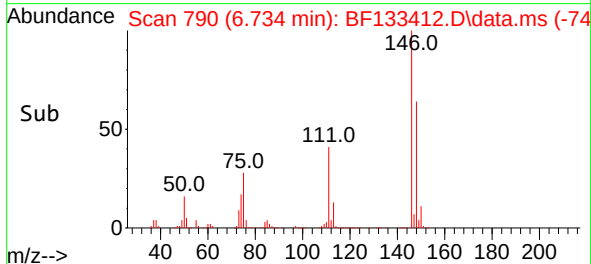
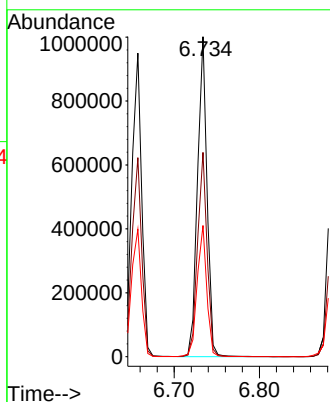
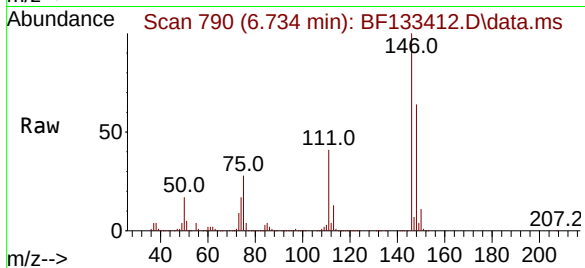
Tgt Ion:146 Resp: 780989

Ion Ratio Lower Upper

146 100

148 63.8 50.3 75.5

111 41.0 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 41.858 ng

RT: 6.887 min Scan# 816

Delta R.T. -0.006 min

Lab File: BF133412.D

Acq: 17 May 2023 14:35

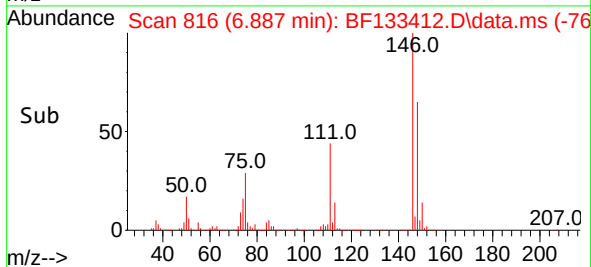
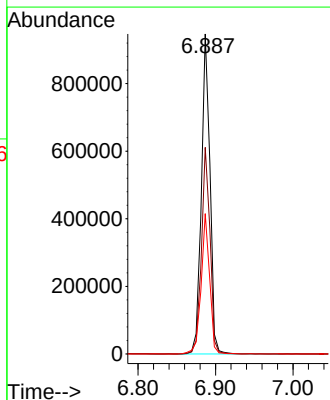
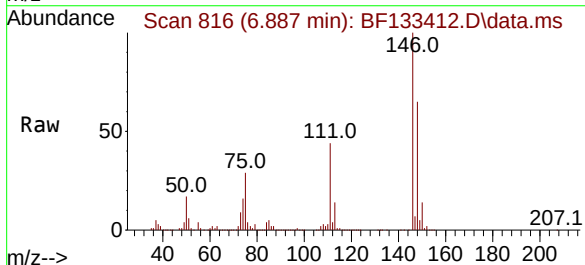
Tgt Ion:146 Resp: 728393

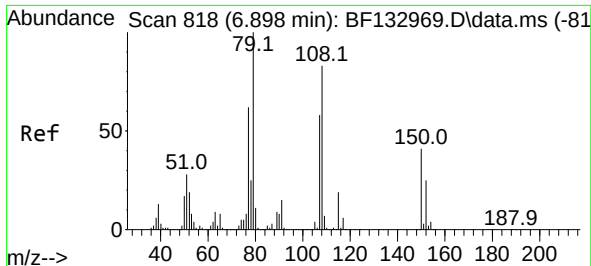
Ion Ratio Lower Upper

146 100

148 64.6 52.2 78.2

111 43.8 32.8 49.2

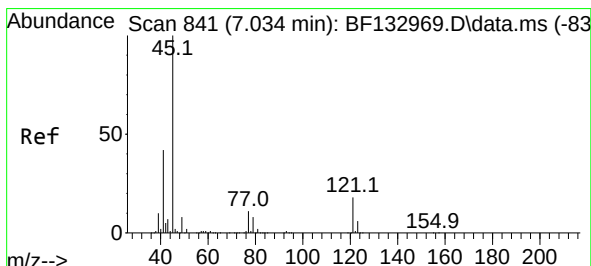
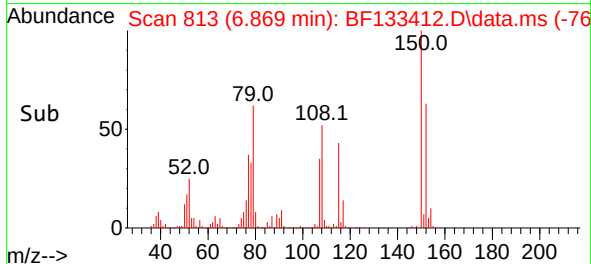
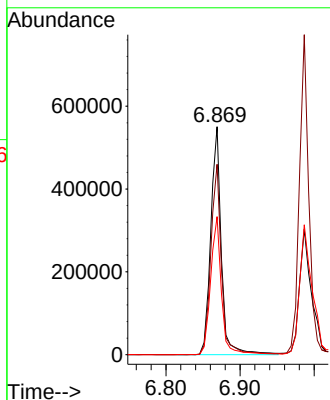
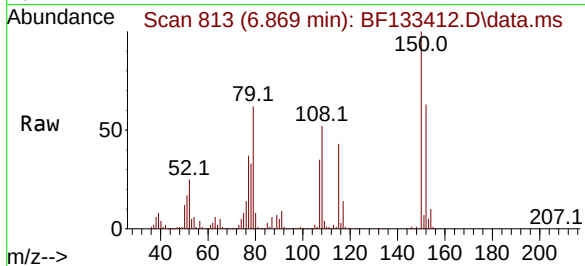




#15
Benzyl Alcohol
Concen: 36.449 ng
RT: 6.869 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

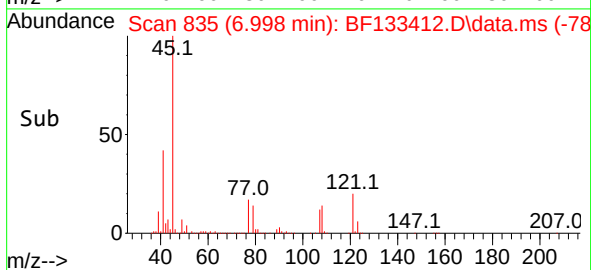
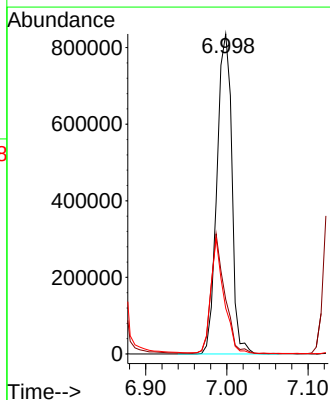
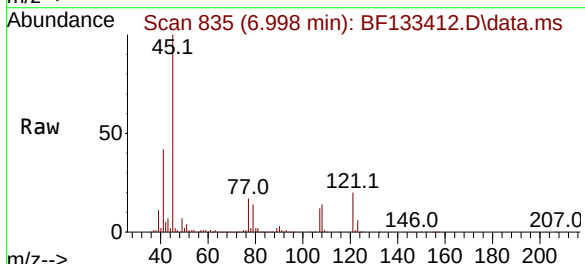
Instrument :
BNA_F
ClientSampleId :

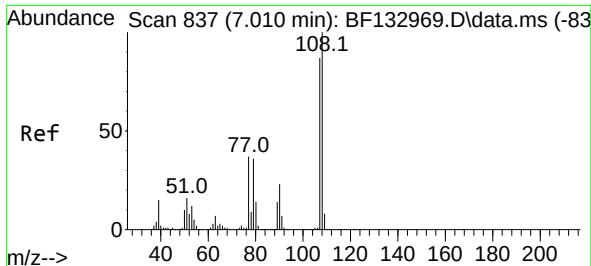
Tgt Ion: 79 Resp: 545211
Ion Ratio Lower Upper
79 100
108 83.5 66.6 99.8
77 60.6 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.128 ng
RT: 6.998 min Scan# 835
Delta R.T. -0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

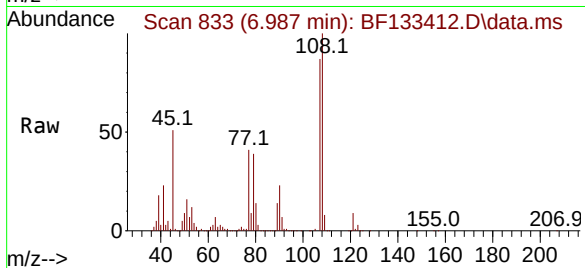
Tgt Ion: 45 Resp: 1062630
Ion Ratio Lower Upper
45 100
77 17.1 0.0 31.5
79 14.3 0.0 28.7



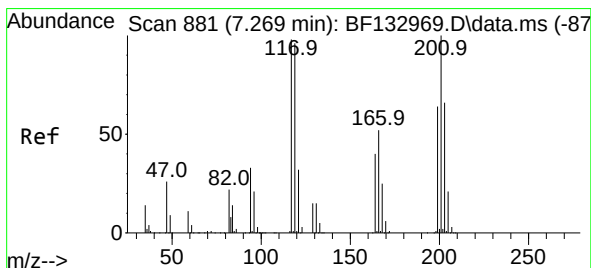
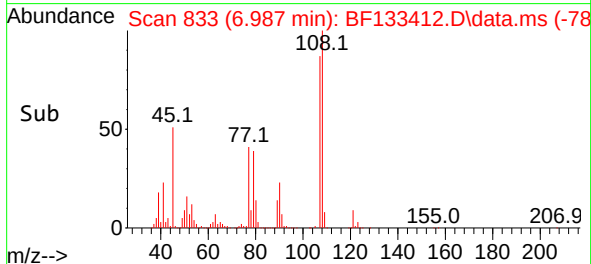
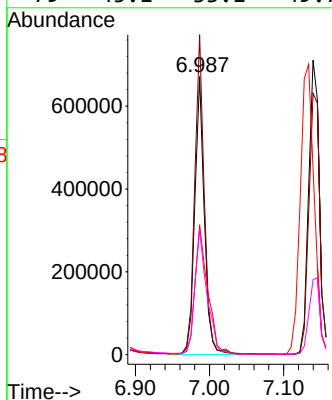


#17
2-Methylphenol
Concen: 37.310 ng
RT: 6.987 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

Instrument :
BNA_F
ClientSampleId :

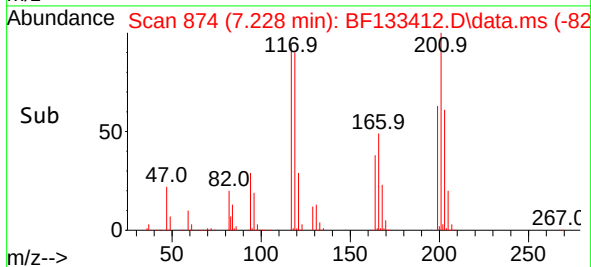
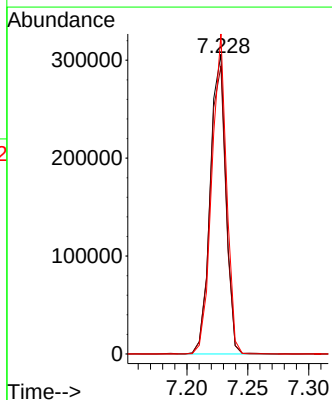
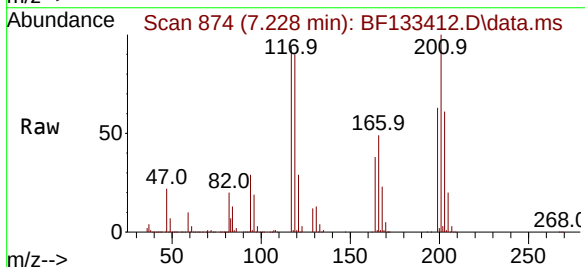


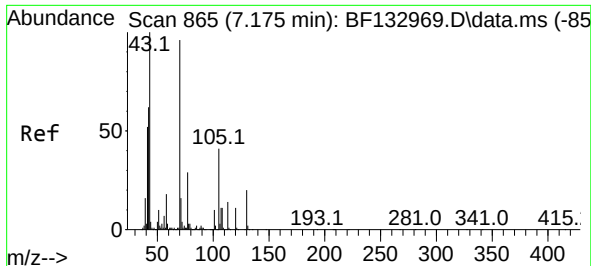
Tgt Ion:107 Resp: 605172
Ion Ratio Lower Upper
107 100
108 115.1 92.4 138.6
77 46.7 33.8 50.8
79 45.1 33.1 49.7



#18
Hexachloroethane
Concen: 41.707 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

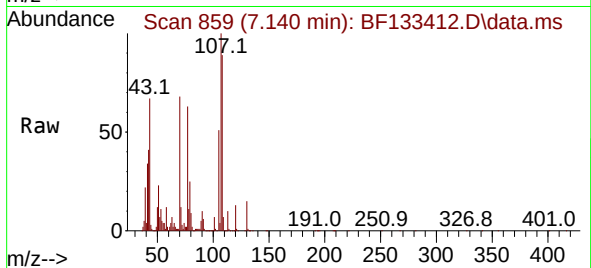
Tgt Ion:117 Resp: 273689
Ion Ratio Lower Upper
117 100
119 96.0 78.2 117.4
201 106.8 81.7 122.5





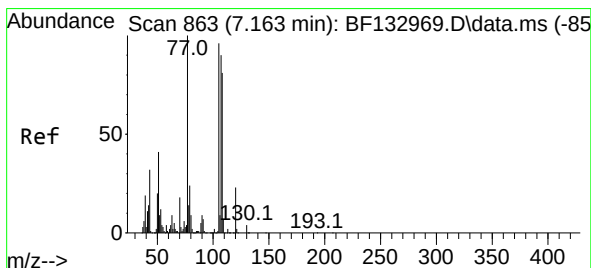
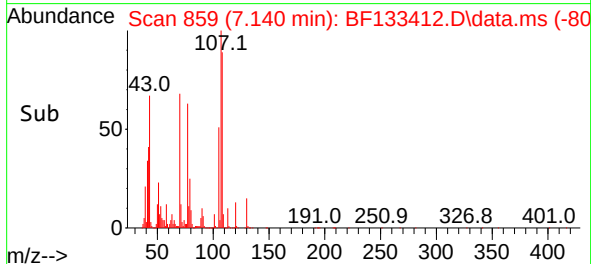
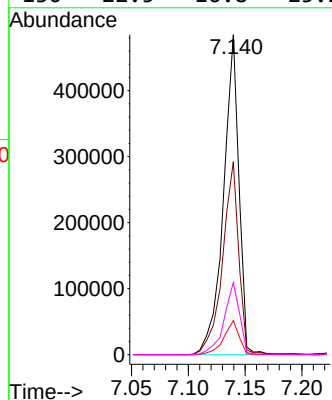
#19
n-Nitroso-di-n-propylamine
Concen: 34.187 ng
RT: 7.140 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 70 Resp: 460878

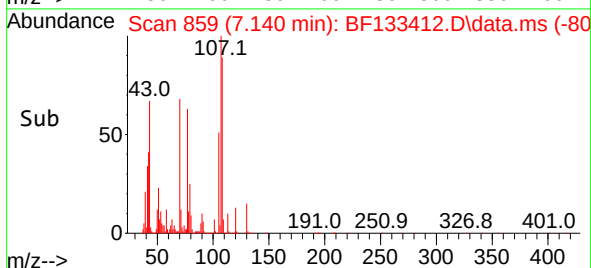
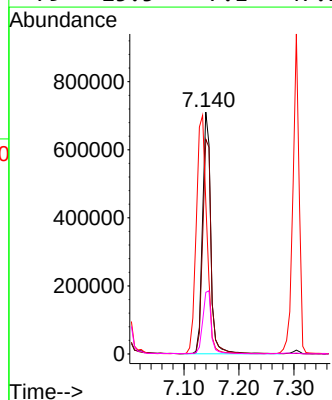
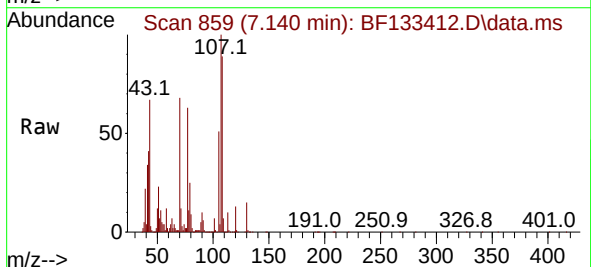
Ion	Ratio	Lower	Upper
70	100		
42	60.3	51.8	77.6
101	10.6	8.0	12.0
130	22.5	16.8	25.2

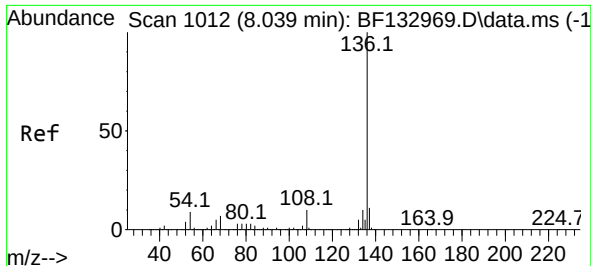


#20
3+4-Methylphenols
Concen: 38.457 ng
RT: 7.140 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

Tgt Ion: 107 Resp: 734596

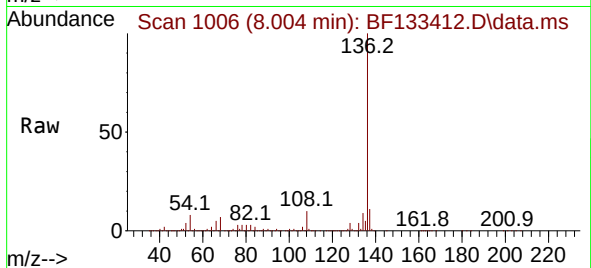
Ion	Ratio	Lower	Upper
107	100		
108	88.7	70.5	110.5
77	62.8	91.7	131.7#
79	25.5	7.1	47.1



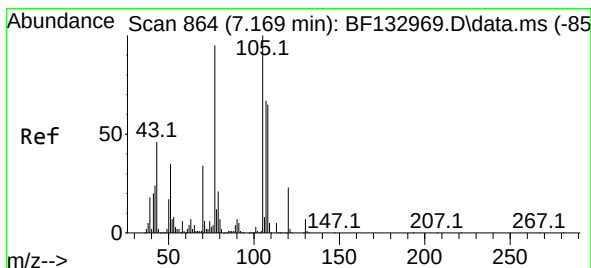
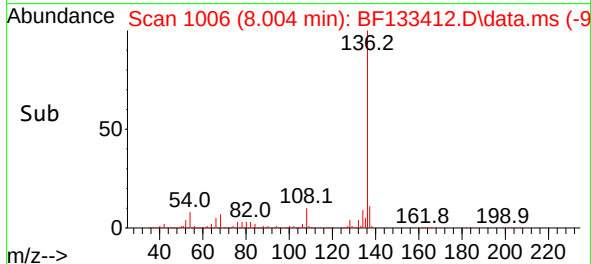
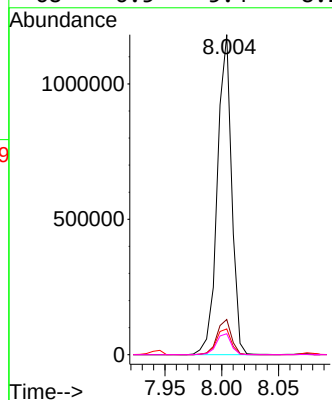


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

Instrument :
BNA_F
ClientSampleId :

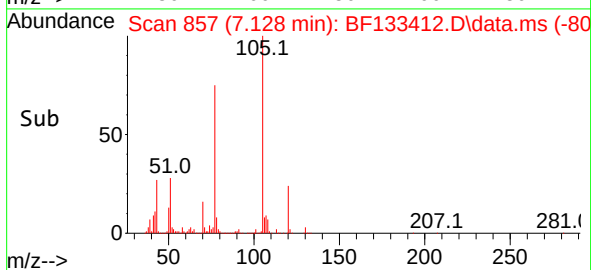
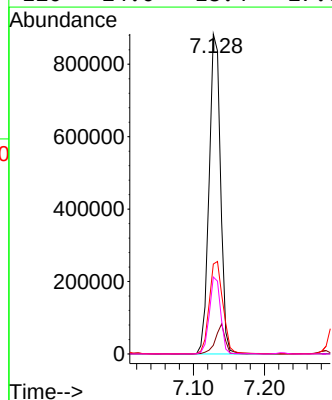
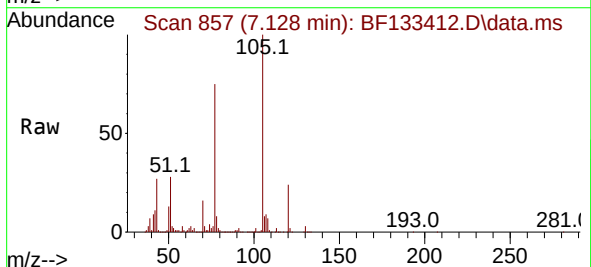


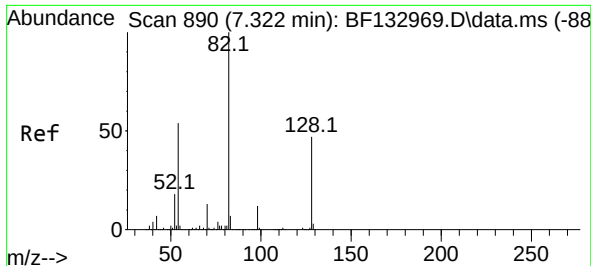
Tgt Ion:136 Resp: 1033104
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.0 7.0 10.4
68 6.5 5.4 8.2



#22
Acetophenone
Concen: 41.417 ng
RT: 7.128 min Scan# 857
Delta R.T. -0.012 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

Tgt Ion:105 Resp: 991171
Ion Ratio Lower Upper
105 100
71 2.7 4.6 7.0#
51 28.1 28.2 42.2#
120 24.0 18.4 27.6





#23

Nitrobenzene-d5

Concen: 61.815 ng

RT: 7.287 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133412.D

Acq: 17 May 2023 14:35

Instrument :

BNA_F

ClientSampleId :

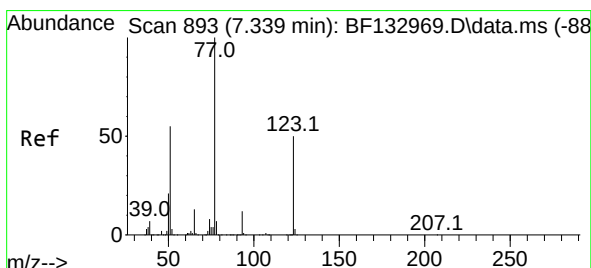
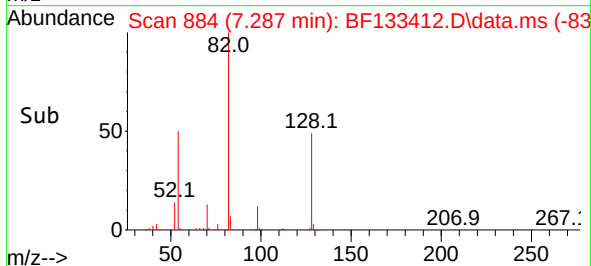
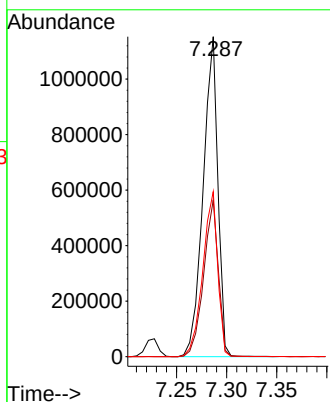
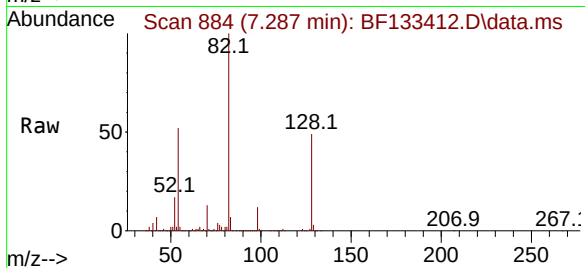
Tgt Ion: 82 Resp: 1183128

Ion Ratio Lower Upper

82 100

128 49.0 37.7 56.5

54 51.5 43.0 64.4



#24

Nitrobenzene

Concen: 37.949 ng

RT: 7.304 min Scan# 887

Delta R.T. -0.006 min

Lab File: BF133412.D

Acq: 17 May 2023 14:35

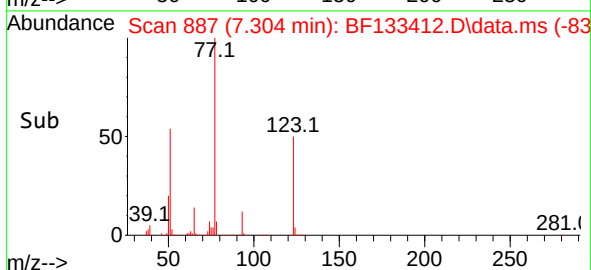
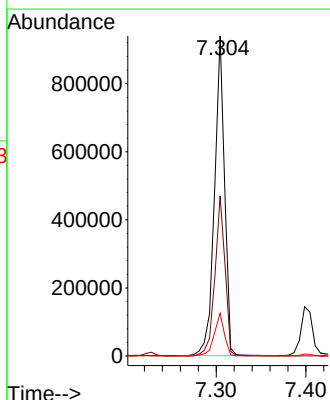
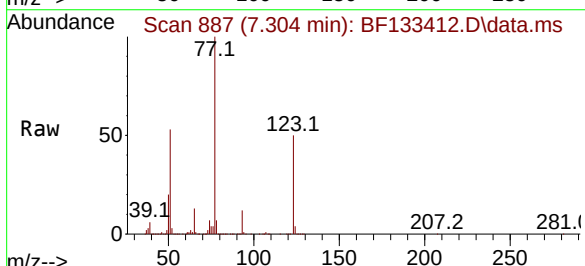
Tgt Ion: 77 Resp: 736017

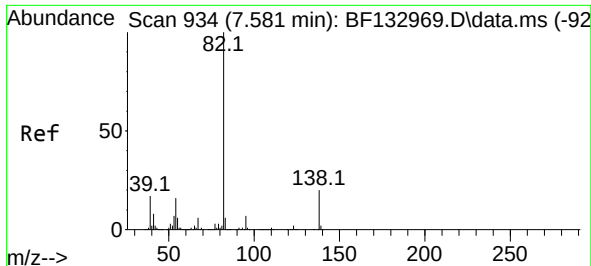
Ion Ratio Lower Upper

77 100

123 50.0 39.9 59.9

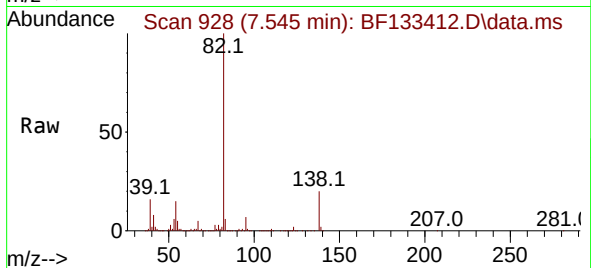
65 13.4 10.7 16.1





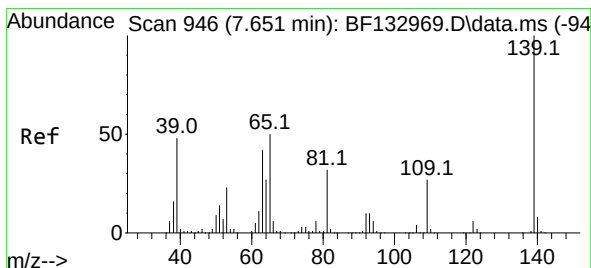
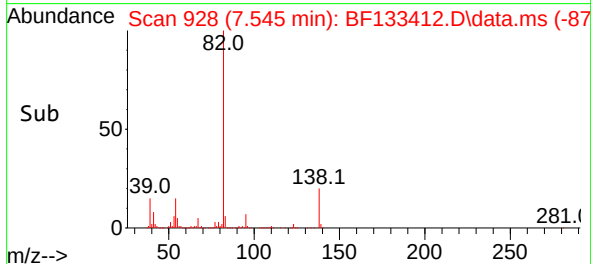
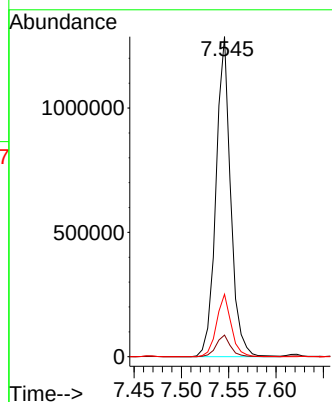
#25
Isophorone
Concen: 38.257 ng
RT: 7.545 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 82 Resp: 1390251

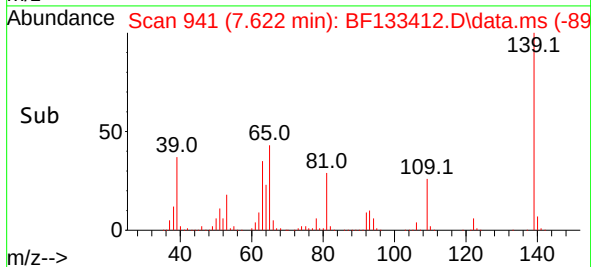
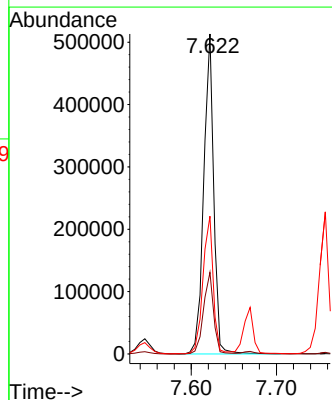
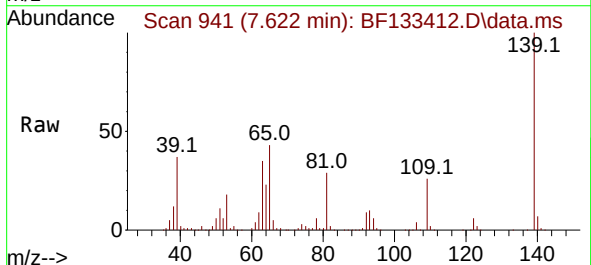
Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.4	8.0
138	19.5	16.0	24.0

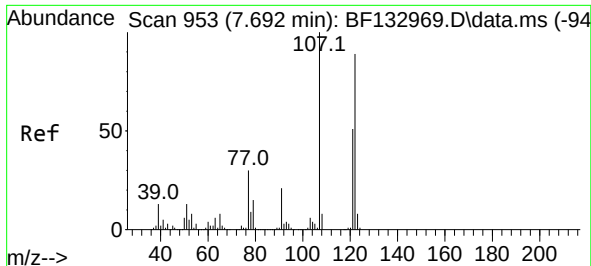


#26
2-Nitrophenol
Concen: 44.717 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

Tgt Ion: 139 Resp: 418311

Ion	Ratio	Lower	Upper
139	100		
109	25.5	21.6	32.4
65	43.1	39.8	59.6





#27

2,4-Dimethylphenol

Concen: 41.194 ng

RT: 7.669 min Scan# 94

Delta R.T. 0.000 min

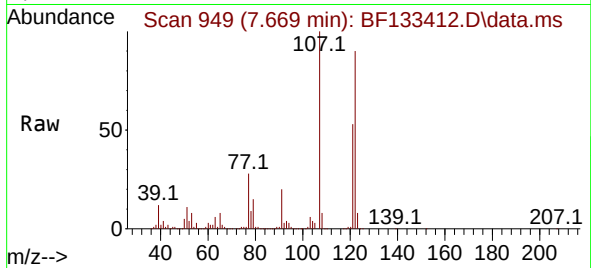
Lab File: BF133412.D

Acq: 17 May 2023 14:35

Instrument :

BNA_F

ClientSampleId :



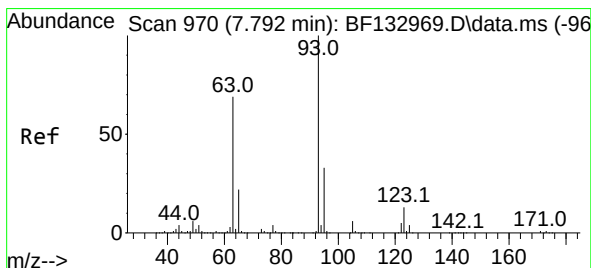
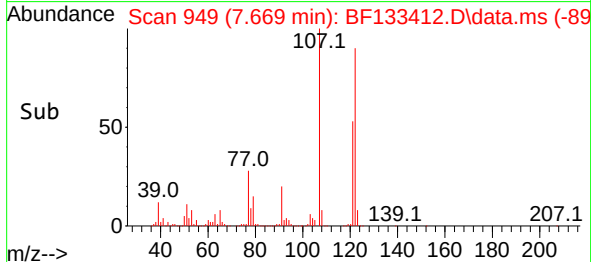
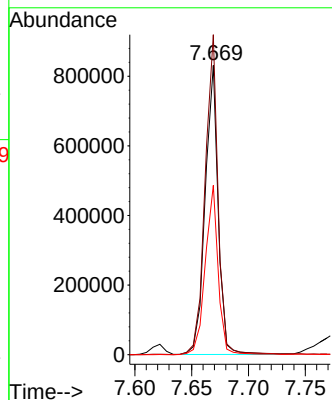
Tgt Ion:122 Resp: 660780

Ion Ratio Lower Upper

122 100

107 110.6 89.7 134.5

121 58.5 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 38.597 ng

RT: 7.757 min Scan# 964

Delta R.T. -0.006 min

Lab File: BF133412.D

Acq: 17 May 2023 14:35

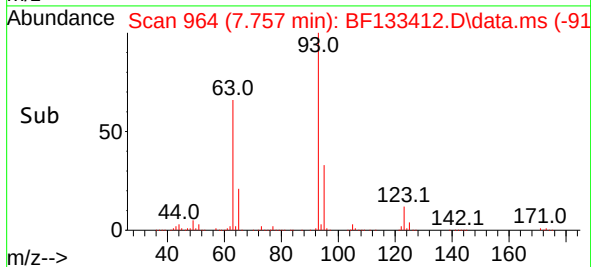
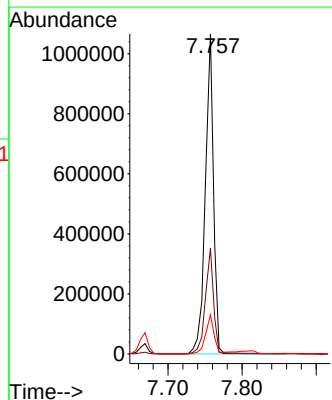
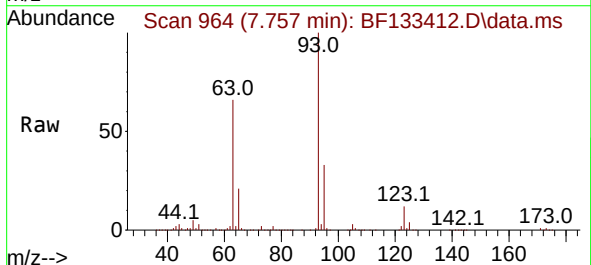
Tgt Ion: 93 Resp: 829761

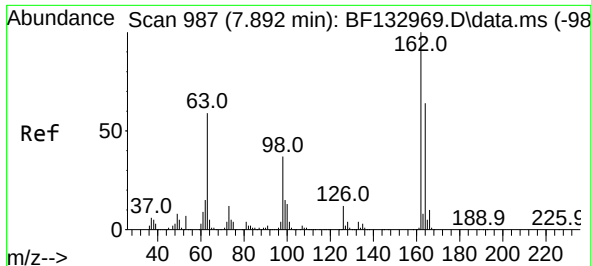
Ion Ratio Lower Upper

93 100

95 33.0 26.4 39.6

123 12.2 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 41.814 ng

RT: 7.869 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF133412.D

Acq: 17 May 2023 14:35

Instrument :

BNA_F

ClientSampleId :

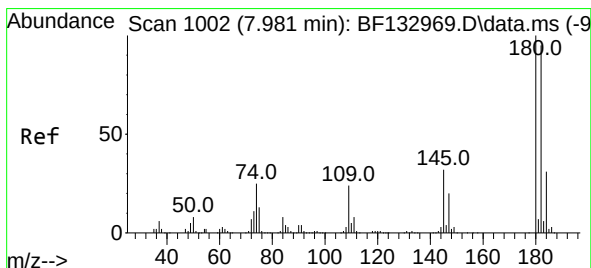
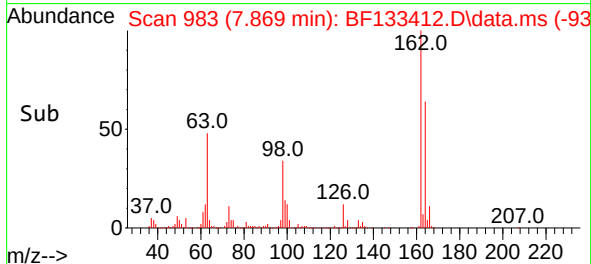
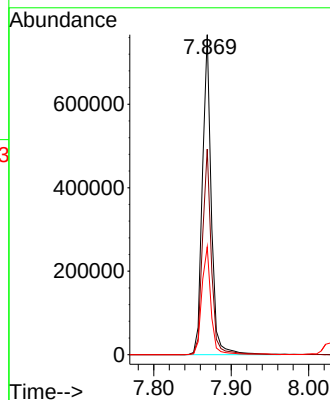
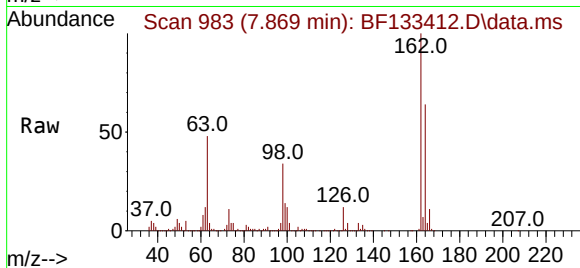
Tgt Ion:162 Resp: 610594

Ion Ratio Lower Upper

162 100

164 64.2 43.9 83.9

98 33.7 17.0 57.0



#30

1,2,4-Trichlorobenzene

Concen: 42.355 ng

RT: 7.945 min Scan# 996

Delta R.T. -0.006 min

Lab File: BF133412.D

Acq: 17 May 2023 14:35

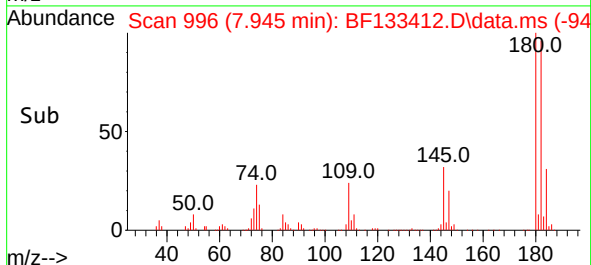
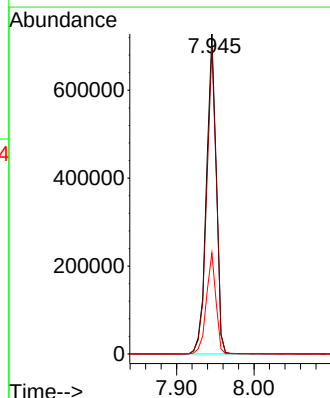
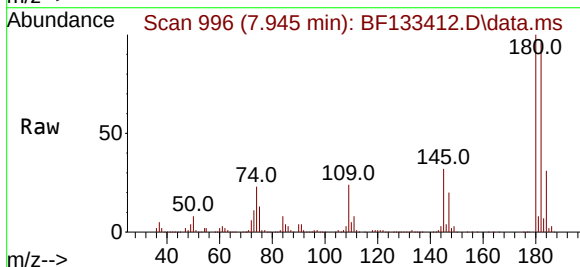
Tgt Ion:180 Resp: 640746

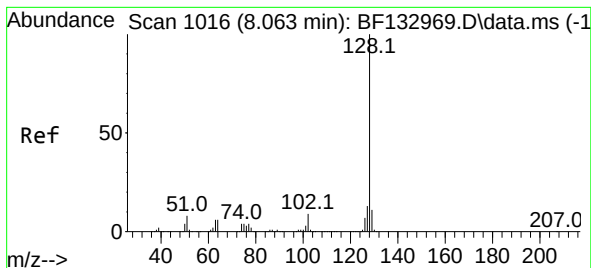
Ion Ratio Lower Upper

180 100

182 96.0 75.9 113.9

145 31.6 25.3 37.9





#31

Naphthalene

Concen: 39.497 ng

RT: 8.028 min Scan# 1010

Delta R.T. 0.000 min

Lab File: BF133412.D

Acq: 17 May 2023 14:35

Instrument :

BNA_F

ClientSampleId :

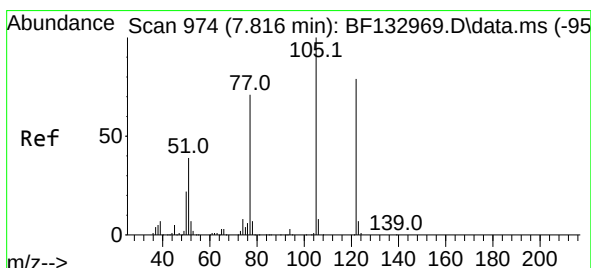
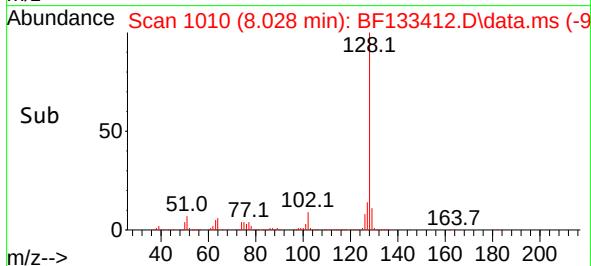
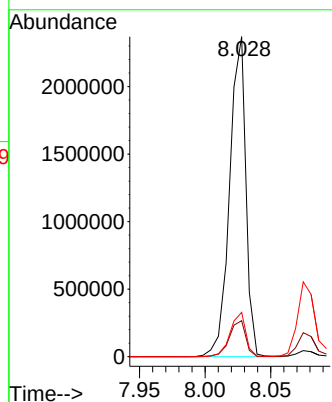
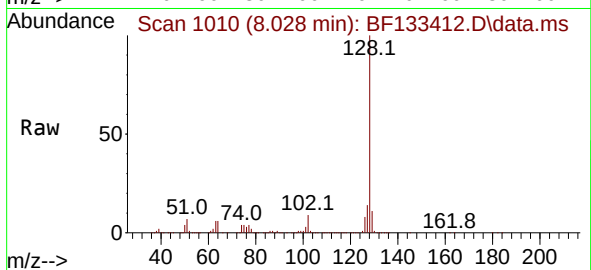
Tgt Ion:128 Resp: 2040079

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

127 13.9 10.7 16.1



#32

Benzoic acid

Concen: 38.098 ng

RT: 7.816 min Scan# 974

Delta R.T. 0.012 min

Lab File: BF133412.D

Acq: 17 May 2023 14:35

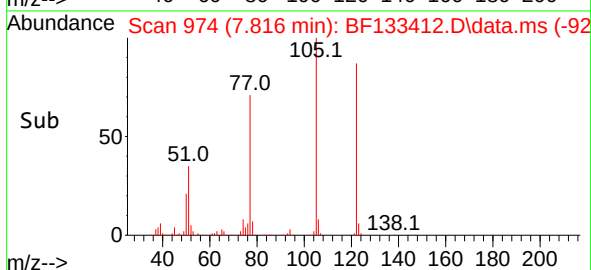
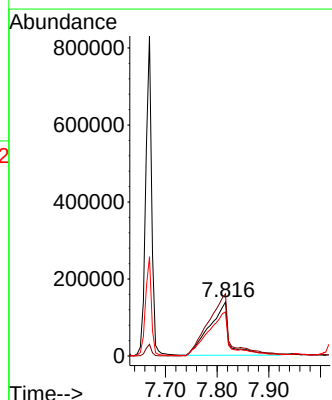
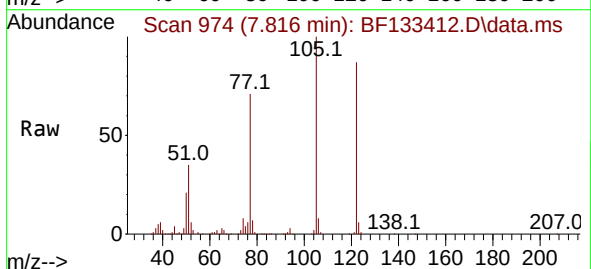
Tgt Ion:122 Resp: 377485

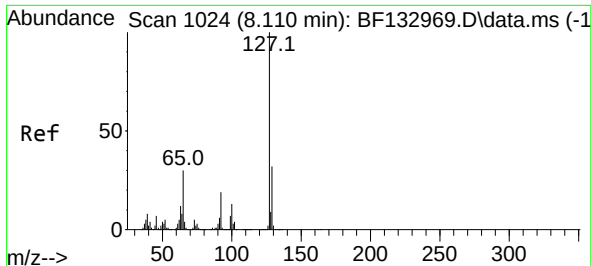
Ion Ratio Lower Upper

122 100

105 115.0 104.2 144.2

77 81.7 69.7 109.7



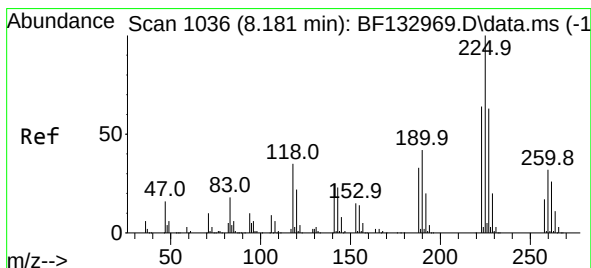
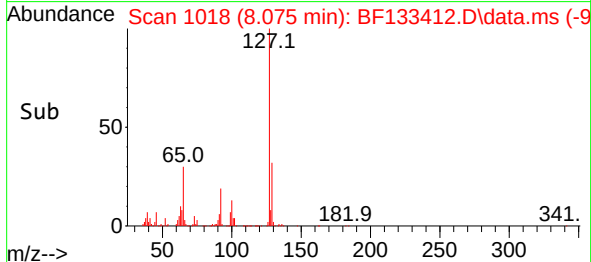
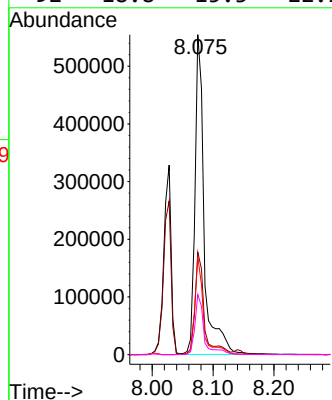
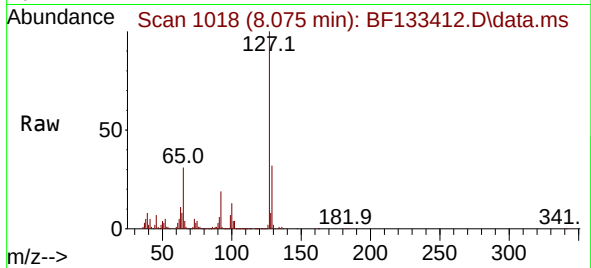


#33
4-Chloroaniline
Concen: 28.209 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 588703

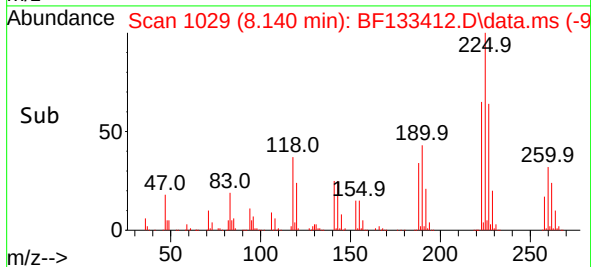
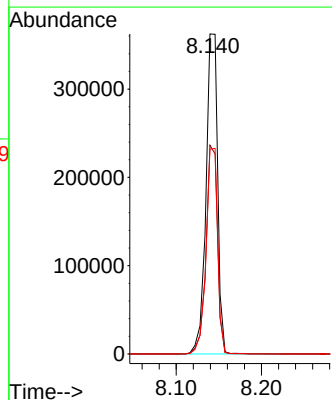
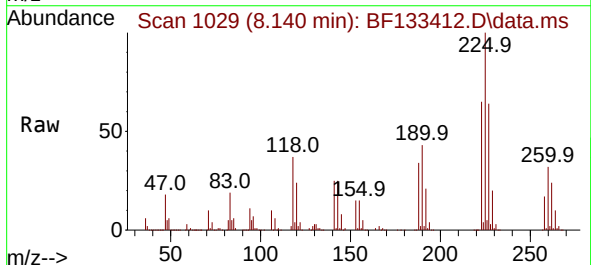
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.8	38.8
65	30.6	23.6	35.4
92	18.8	15.3	22.9

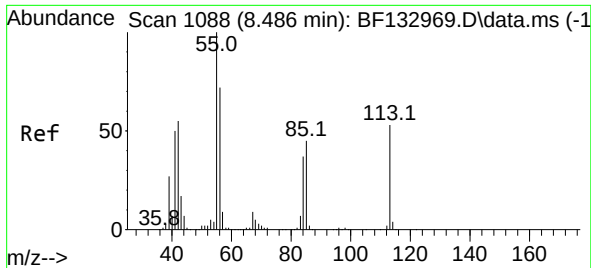


#34
Hexachlorobutadiene
Concen: 41.044 ng
RT: 8.140 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

Tgt Ion:225 Resp: 344142

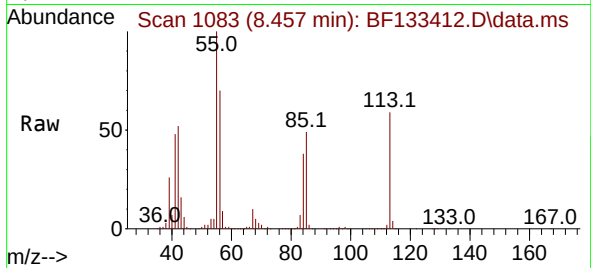
Ion	Ratio	Lower	Upper
225	100		
223	65.2	50.9	76.3
227	64.0	50.3	75.5



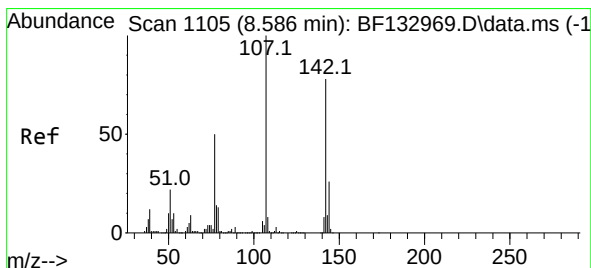
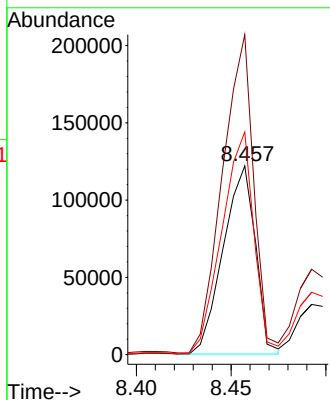
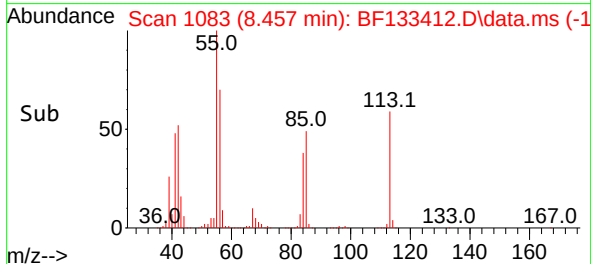


#35
 Caprolactam
 Concen: 29.286 ng
 RT: 8.457 min Scan# 1102
 Delta R.T. -0.006 min
 Lab File: BF133412.D
 Acq: 17 May 2023 14:35

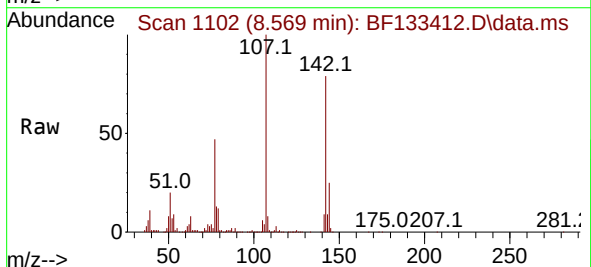
Instrument :
 BNA_F
 ClientSampleId :



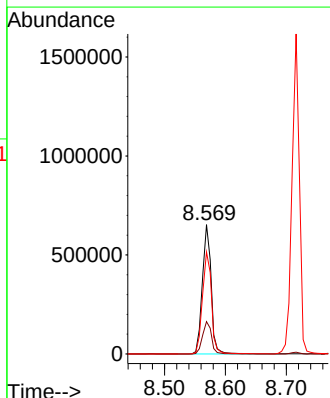
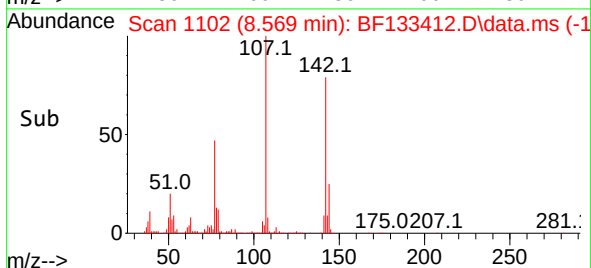
Tgt Ion:113 Resp: 143666
 Ion Ratio Lower Upper
 113 100
 55 169.4 167.1 207.1
 56 117.9 114.5 154.5

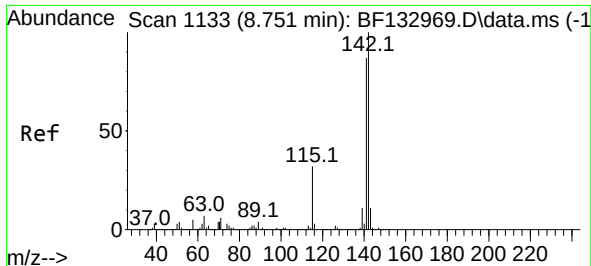


#36
 4-Chloro-3-methylphenol
 Concen: 41.507 ng
 RT: 8.569 min Scan# 1102
 Delta R.T. 0.000 min
 Lab File: BF133412.D
 Acq: 17 May 2023 14:35



Tgt Ion:107 Resp: 653617
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.6 30.8
 142 78.8 62.8 94.2





#37

2-Methylnaphthalene

Concen: 38.667 ng

RT: 8.716 min Scan# 1133

Delta R.T. -0.006 min

Lab File: BF133412.D

Acq: 17 May 2023 14:35

Instrument :

BNA_F

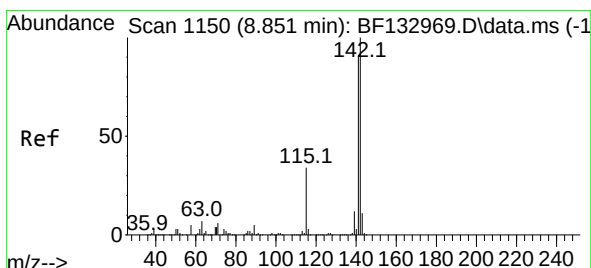
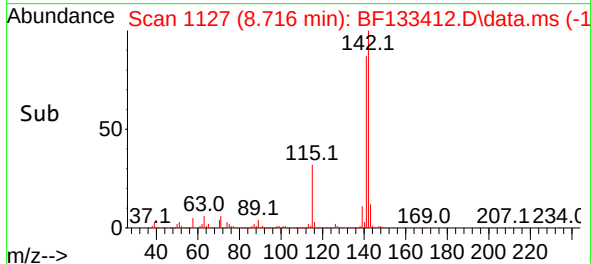
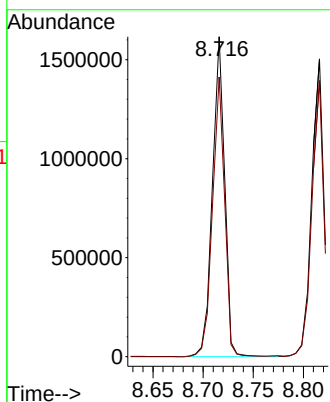
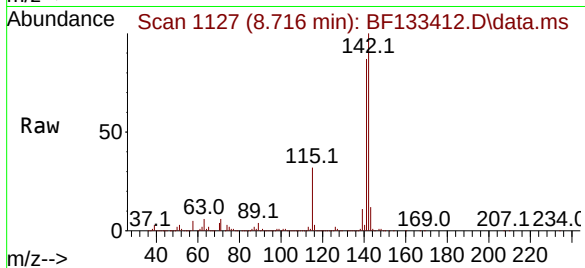
ClientSampleId :

Tgt Ion:142 Resp: 1365438

Ion Ratio Lower Upper

142 100

141 87.4 69.4 104.0



#38

1-Methylnaphthalene

Concen: 38.163 ng

RT: 8.816 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BF133412.D

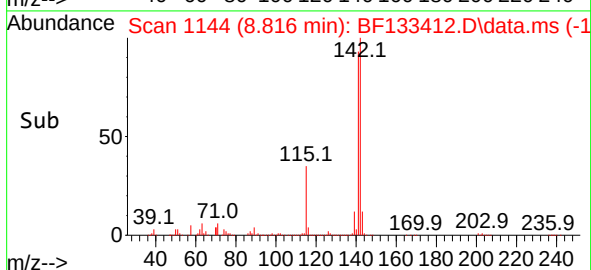
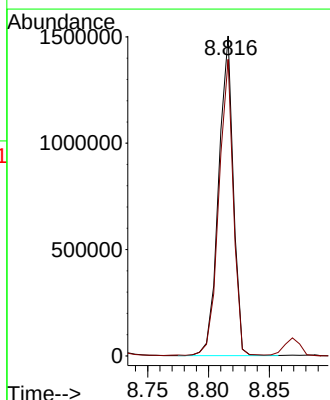
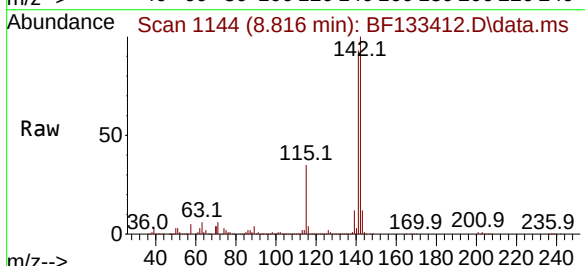
Acq: 17 May 2023 14:35

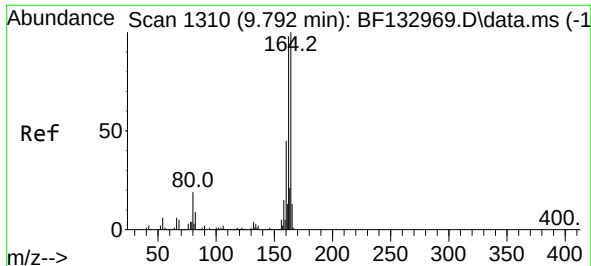
Tgt Ion:142 Resp: 1260702

Ion Ratio Lower Upper

142 100

141 92.7 73.1 109.7

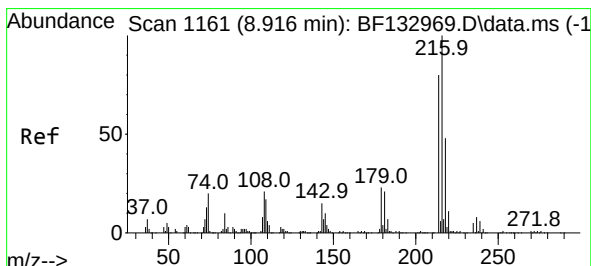
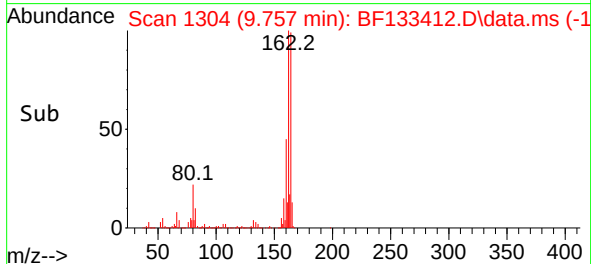
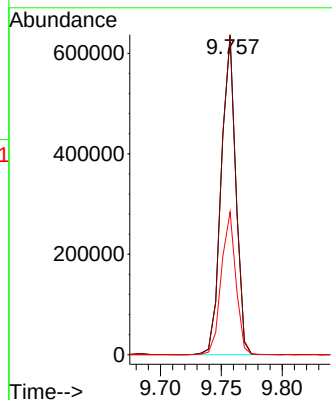
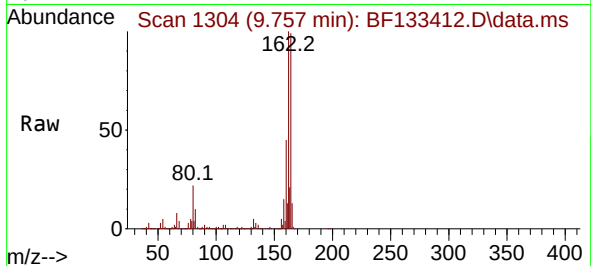




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 11304
Delta R.T. -0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

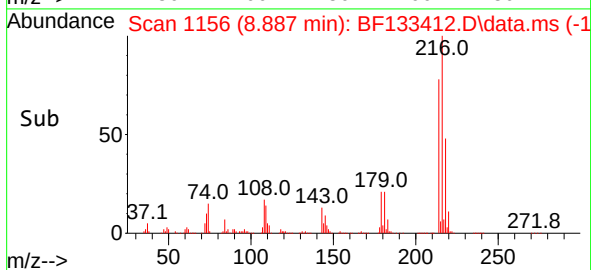
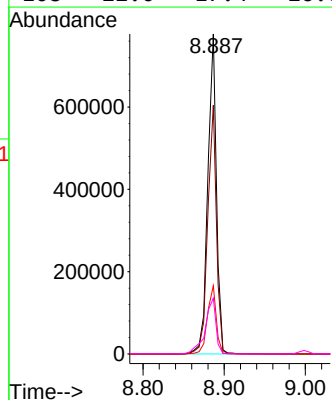
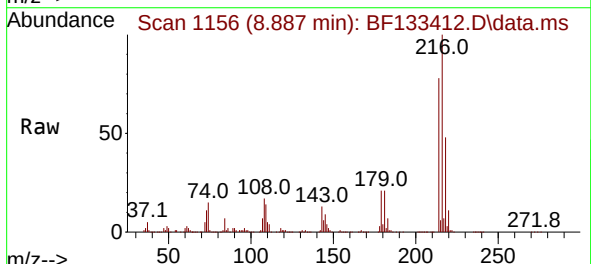
Instrument :
BNA_F
ClientSampleId :

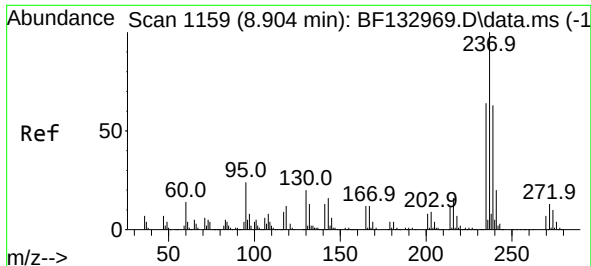
Tgt Ion:164 Resp: 528350
Ion Ratio Lower Upper
164 100
162 100.6 78.7 118.1
160 44.9 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.254 ng
RT: 8.887 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

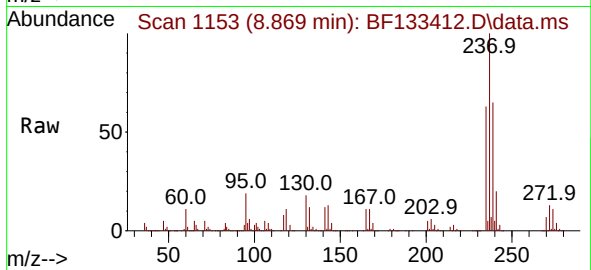
Tgt Ion:216 Resp: 571845
Ion Ratio Lower Upper
216 100
214 78.4 63.5 95.3
179 21.8 17.4 26.2
108 22.0 17.4 26.0



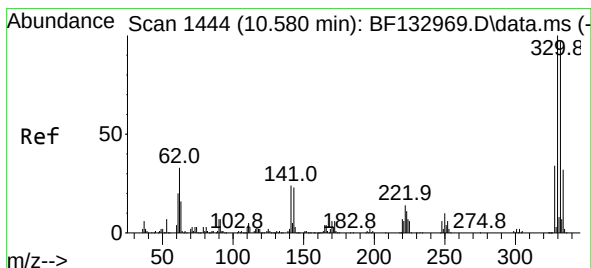
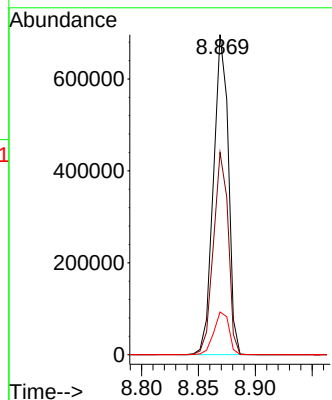
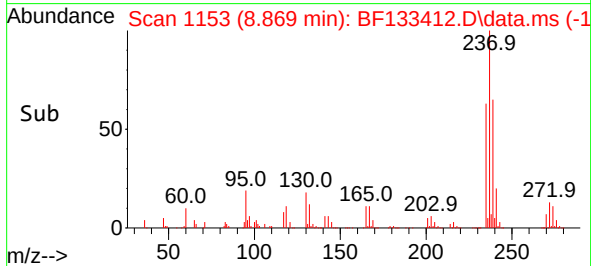


#41
Hexachlorocyclopentadiene
Concen: 76.607 ng
RT: 8.869 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

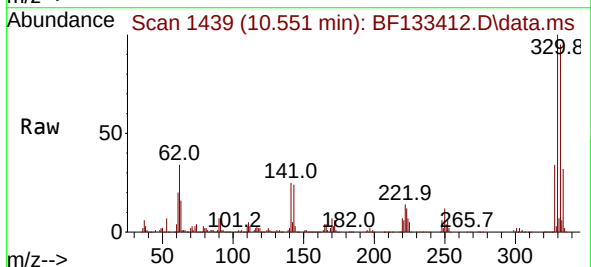
Instrument :
BNA_F
ClientSampleId :



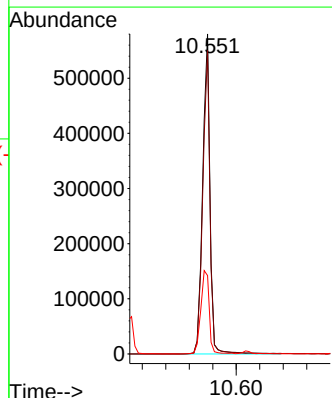
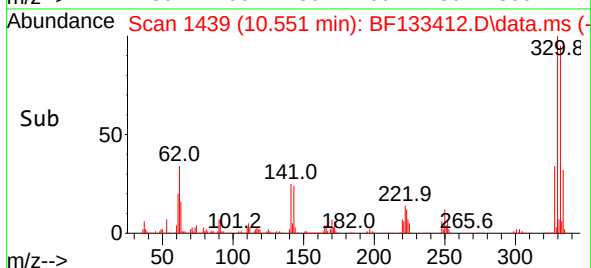
Tgt Ion:237 Resp: 634684
Ion Ratio Lower Upper
237 100
235 63.2 43.5 83.5
272 13.4 0.0 32.7

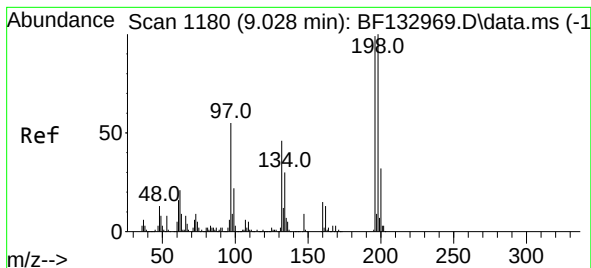


#42
2,4,6-Tribromophenol
Concen: 94.107 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35



Tgt Ion:330 Resp: 500044
Ion Ratio Lower Upper
330 100
332 93.7 77.1 115.7
141 30.1 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 40.563 ng

RT: 8.998 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF133412.D

Acq: 17 May 2023 14:35

Instrument :

BNA_F

ClientSampleId :

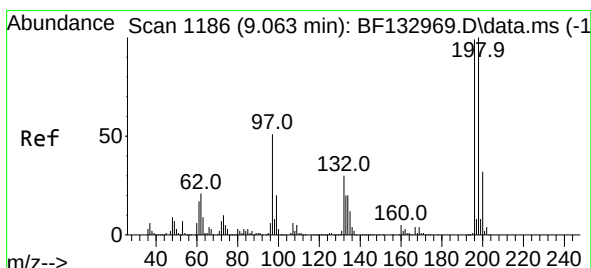
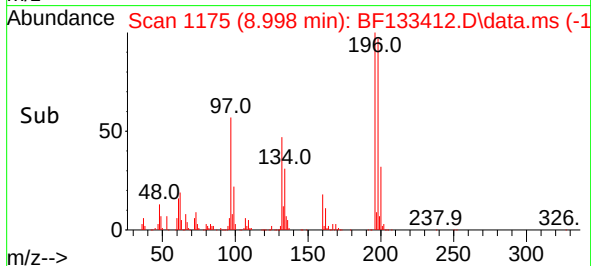
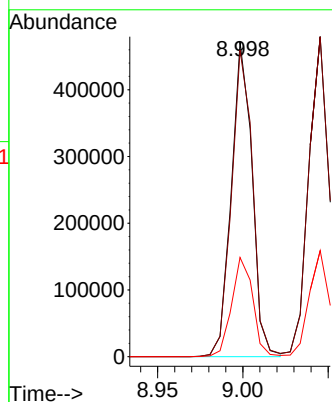
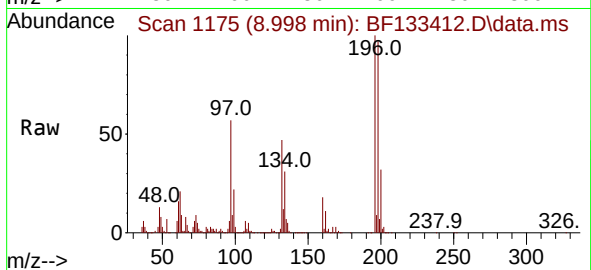
Tgt Ion:196 Resp: 398507

Ion Ratio Lower Upper

196 100

198 97.4 81.0 121.6

200 31.5 26.1 39.1



#44

2,4,5-Trichlorophenol

Concen: 37.729 ng

RT: 9.045 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF133412.D

Acq: 17 May 2023 14:35

Tgt Ion:196 Resp: 428680

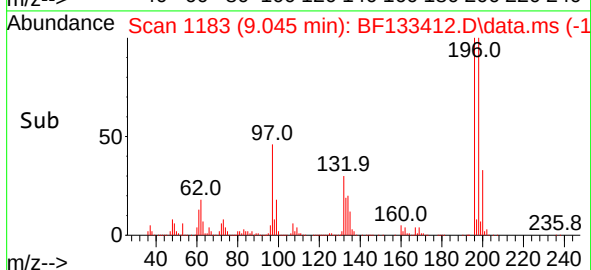
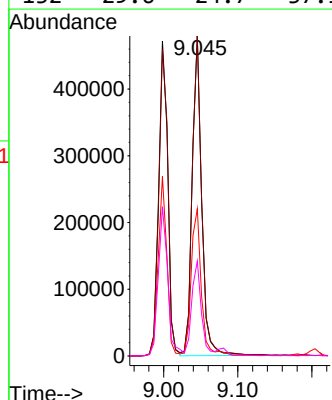
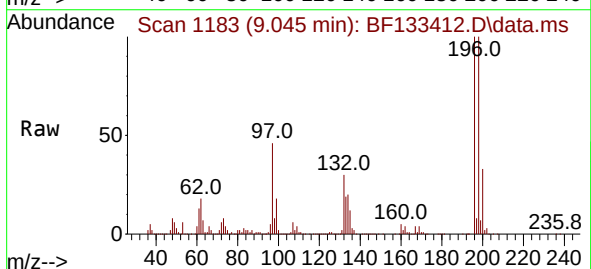
Ion Ratio Lower Upper

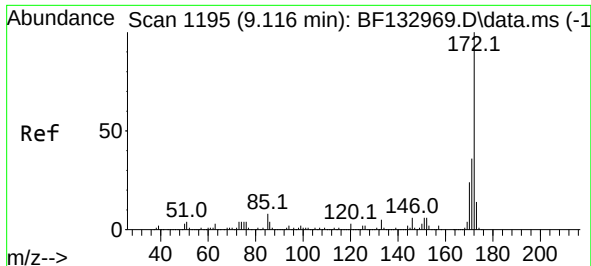
196 100

198 99.9 80.9 121.3

97 46.0 41.3 61.9

132 29.6 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 66.092 ng

RT: 9.081 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF133412.D

Acq: 17 May 2023 14:35

Instrument :

BNA_F

ClientSampleId :

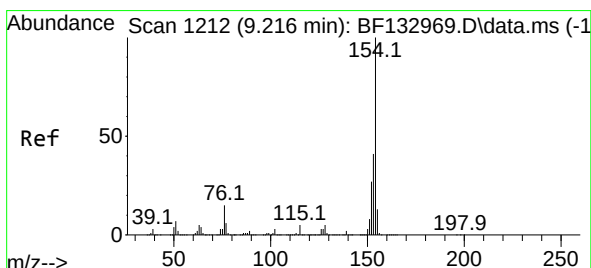
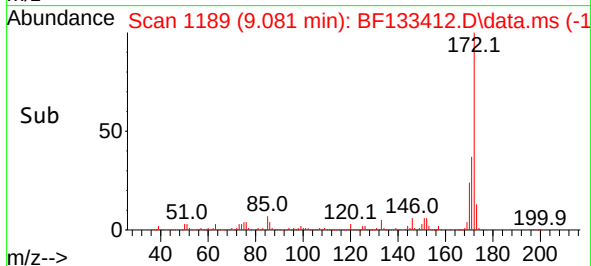
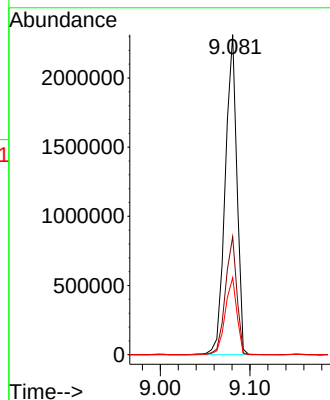
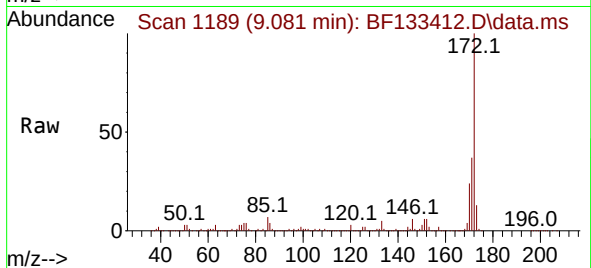
Tgt Ion:172 Resp: 2087255

Ion Ratio Lower Upper

172 100

171 36.9 28.8 43.2

170 24.1 19.4 29.2



#46

1,1'-Biphenyl

Concen: 39.645 ng

RT: 9.181 min Scan# 1206

Delta R.T. -0.006 min

Lab File: BF133412.D

Acq: 17 May 2023 14:35

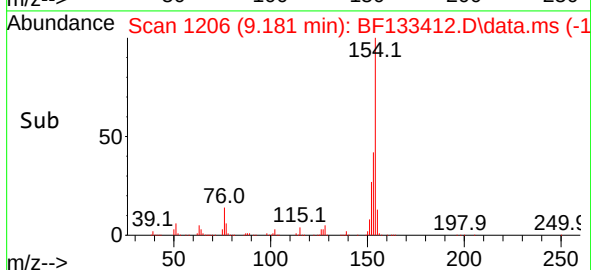
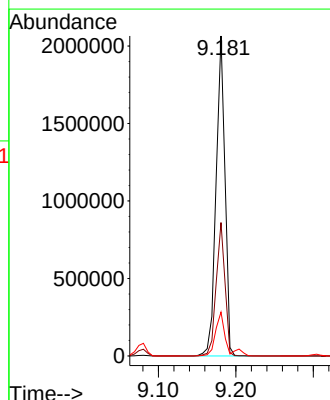
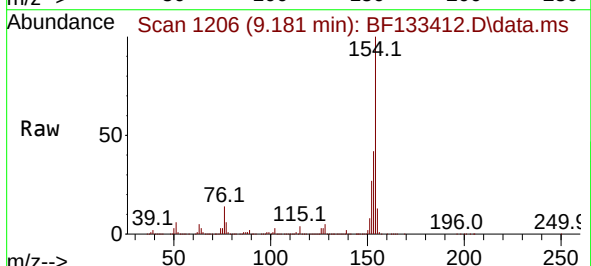
Tgt Ion:154 Resp: 1660975

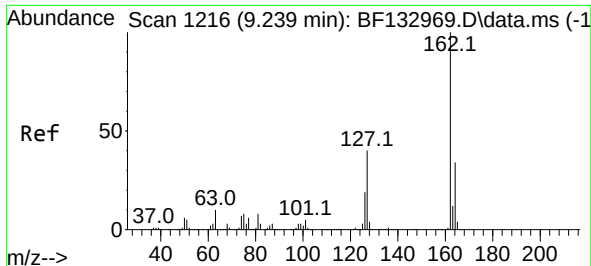
Ion Ratio Lower Upper

154 100

153 41.7 21.0 61.0

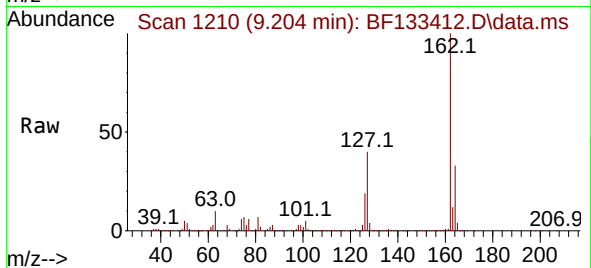
76 13.7 0.0 34.5



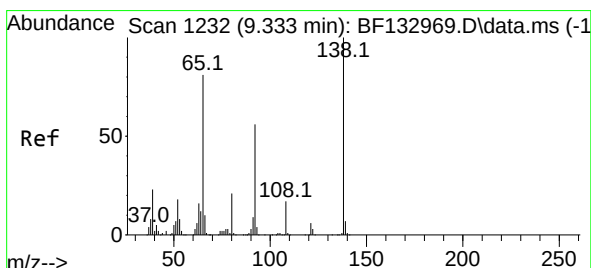
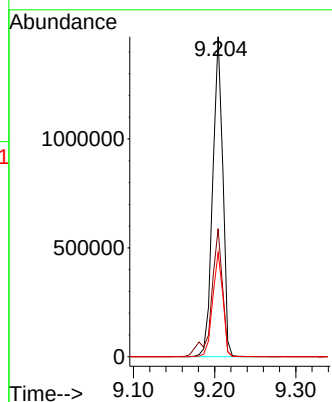
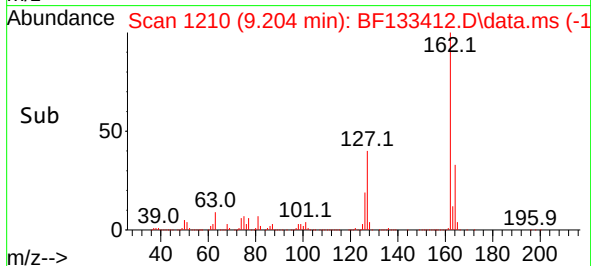


#47
2-Chloronaphthalene
Concen: 41.174 ng
RT: 9.204 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

Instrument :
BNA_F
ClientSampleId :

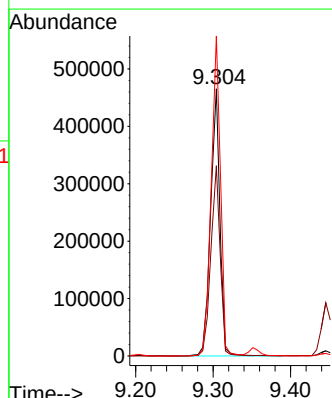
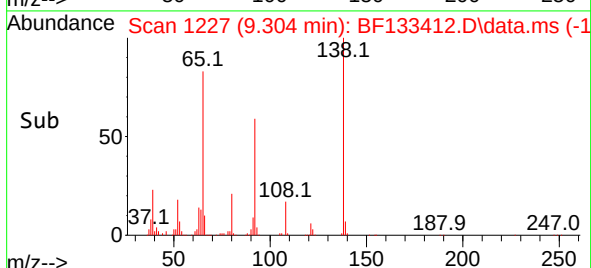
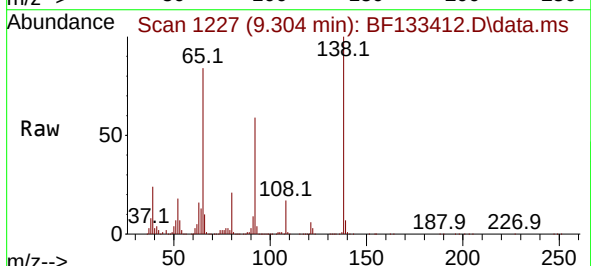


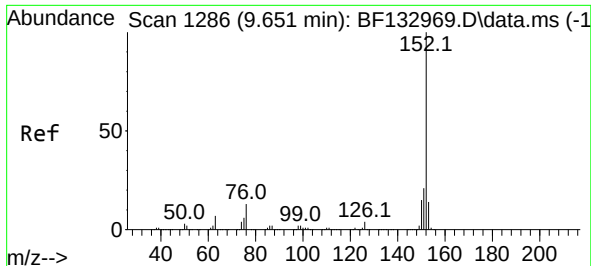
Tgt Ion:162 Resp: 1262609
Ion Ratio Lower Upper
162 100
127 40.0 32.3 48.5
164 32.5 26.8 40.2



#48
2-Nitroaniline
Concen: 38.417 ng
RT: 9.304 min Scan# 1227
Delta R.T. -0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

Tgt Ion: 65 Resp: 389341
Ion Ratio Lower Upper
65 100
92 71.2 55.4 83.0
138 119.7 98.2 147.2





#49

Acenaphthylene

Concen: 39.257 ng

RT: 9.616 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133412.D

Acq: 17 May 2023 14:35

Instrument :

BNA_F

ClientSampleId :

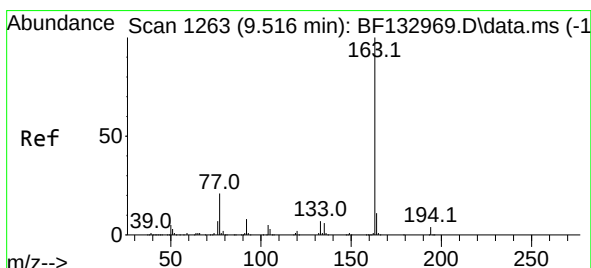
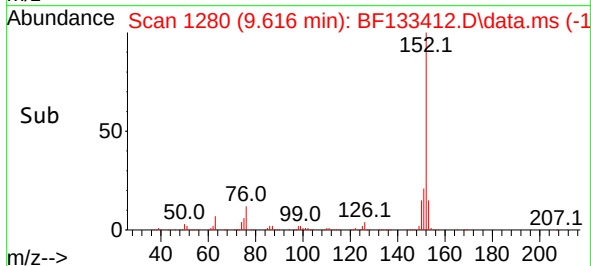
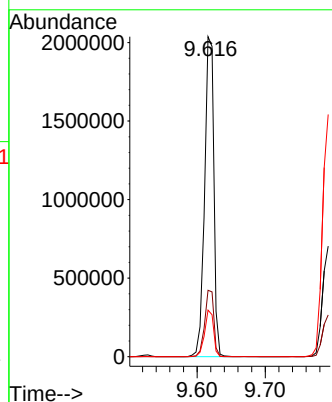
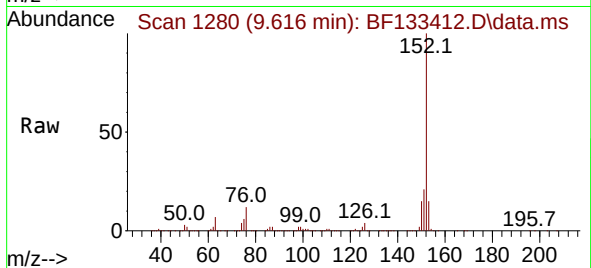
Tgt Ion:152 Resp: 1923533

Ion Ratio Lower Upper

152 100

151 20.7 16.6 24.8

153 14.6 11.5 17.3



#50

Dimethylphthalate

Concen: 39.837 ng

RT: 9.487 min Scan# 1258

Delta R.T. 0.000 min

Lab File: BF133412.D

Acq: 17 May 2023 14:35

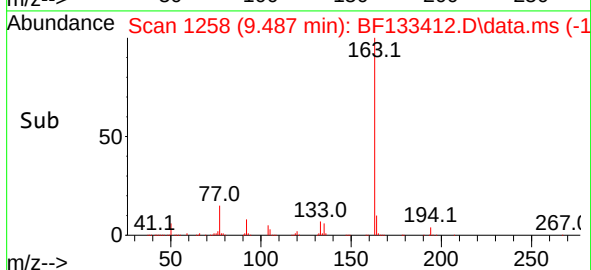
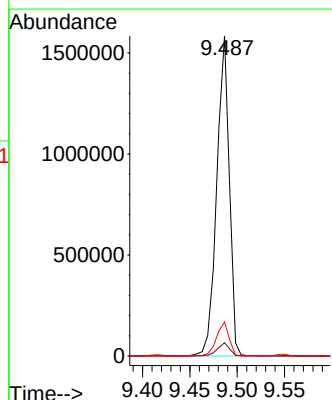
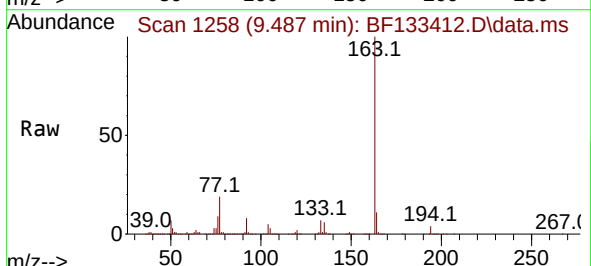
Tgt Ion:163 Resp: 1467616

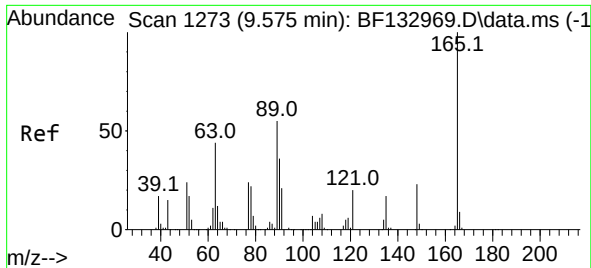
Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

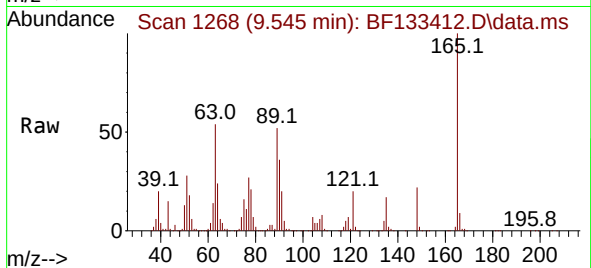
164 10.6 8.5 12.7



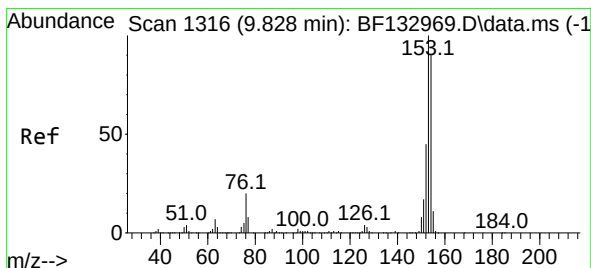
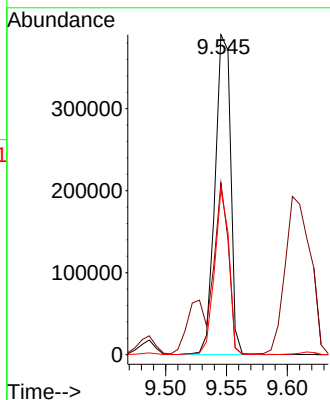
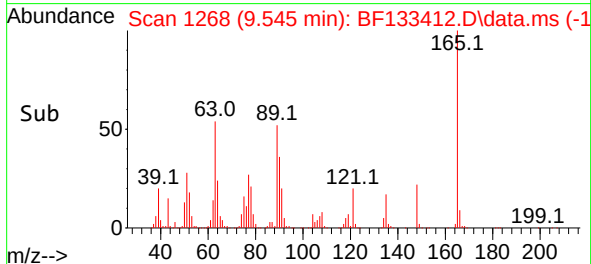


#51
2,6-Dinitrotoluene
Concen: 42.052 ng
RT: 9.545 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

Instrument :
BNA_F
ClientSampleId :

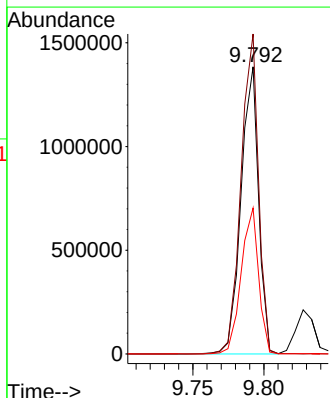
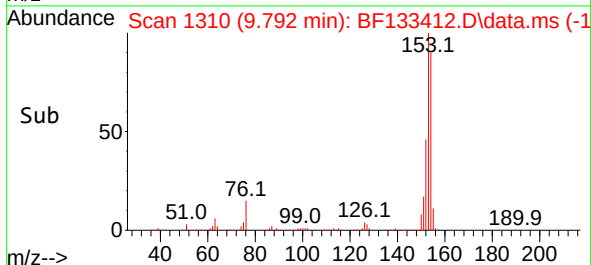
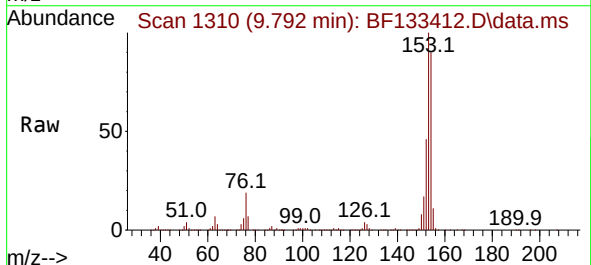


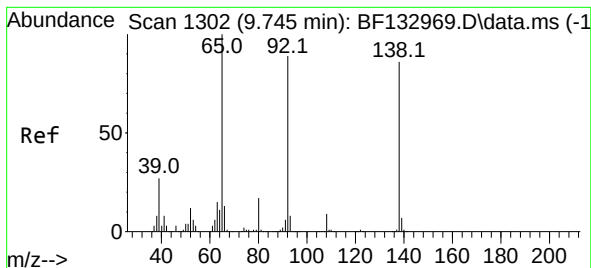
Tgt Ion:165 Resp: 348689
Ion Ratio Lower Upper
165 100
63 53.7 45.9 68.9
89 51.8 44.0 66.0



#52
Acenaphthene
Concen: 36.371 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

Tgt Ion:154 Resp: 1193566
Ion Ratio Lower Upper
154 100
153 111.4 89.0 133.6
152 50.8 40.4 60.6





#53

3-Nitroaniline

Concen: 31.017 ng

RT: 9.716 min Scan# 11

Delta R.T. -0.006 min

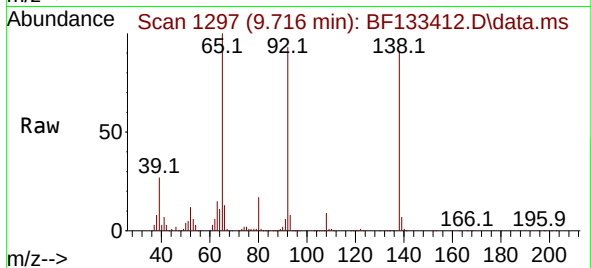
Lab File: BF133412.D

Acq: 17 May 2023 14:35

Instrument :

BNA_F

ClientSampleId :



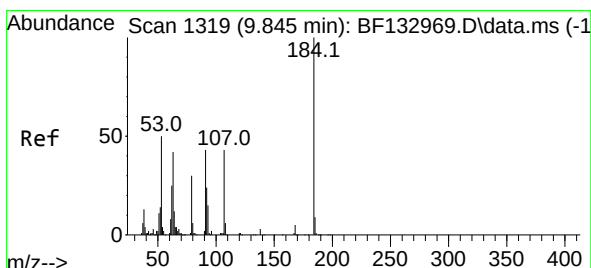
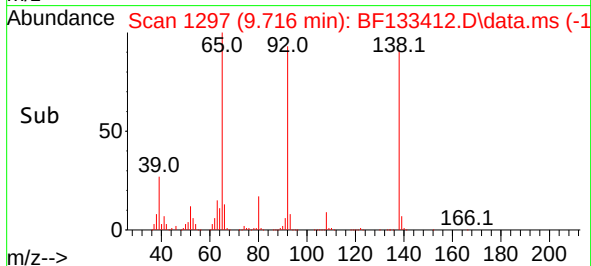
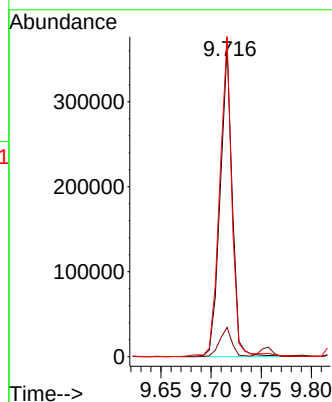
Tgt Ion:138 Resp: 305809

Ion Ratio Lower Upper

138 100

108 9.4 8.0 12.0

92 103.0 83.6 125.4



#54

2,4-Dinitrophenol

Concen: 82.455 ng

RT: 9.828 min Scan# 1316

Delta R.T. -0.006 min

Lab File: BF133412.D

Acq: 17 May 2023 14:35

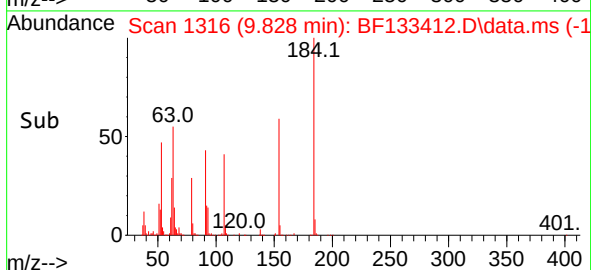
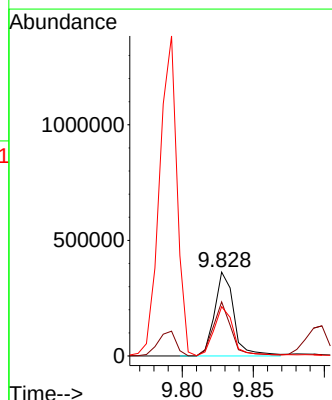
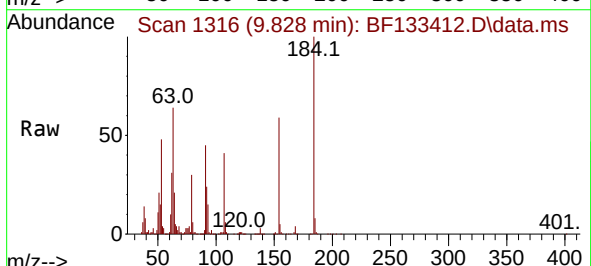
Tgt Ion:184 Resp: 343665

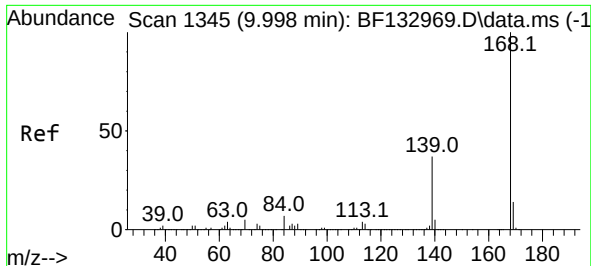
Ion Ratio Lower Upper

184 100

63 64.5 49.8 74.8

154 58.7 49.5 74.3

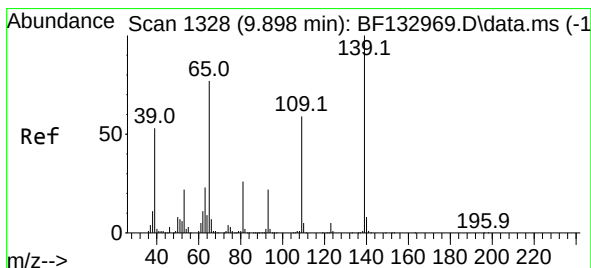
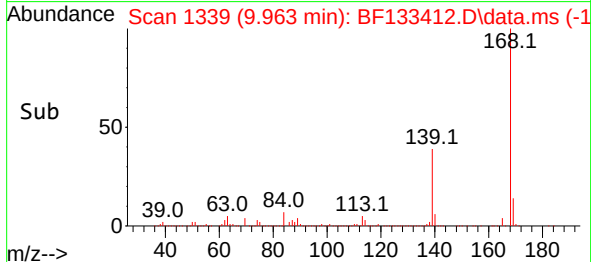
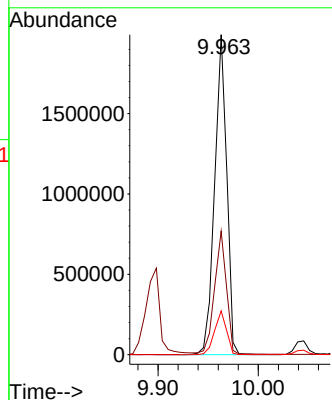
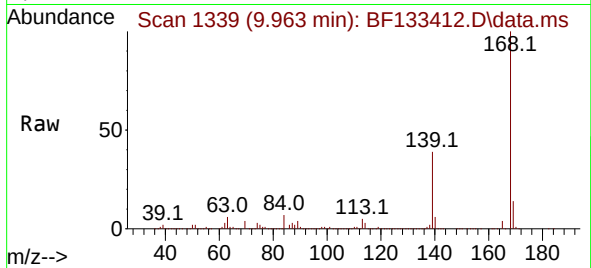




#55
Dibenzenofuran
Concen: 37.280 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

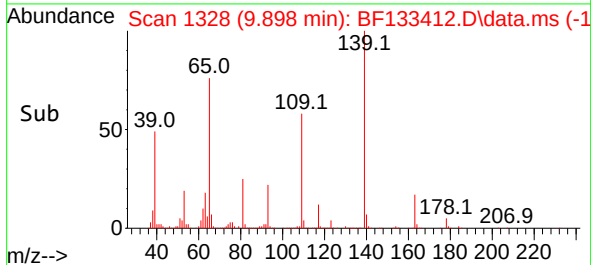
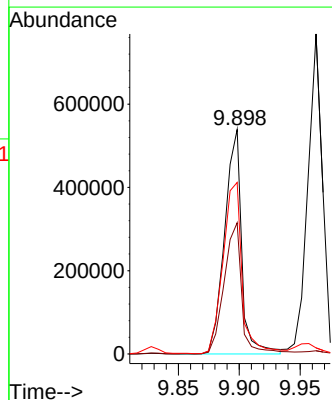
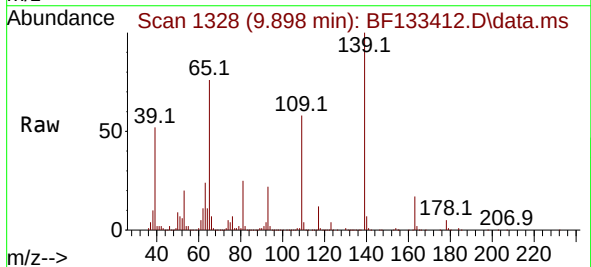
Instrument :
BNA_F
ClientSampleId :

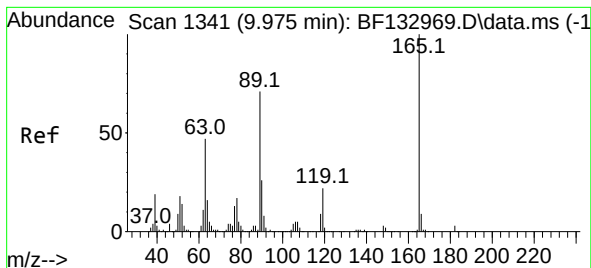
Tgt Ion:168 Resp: 1668836
Ion Ratio Lower Upper
168 100
139 38.6 29.8 44.8
169 13.7 10.8 16.2



#56
4-Nitrophenol
Concen: 69.110 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

Tgt Ion:139 Resp: 527733
Ion Ratio Lower Upper
139 100
109 58.4 39.4 79.4
65 76.4 57.5 97.5





#57

2,4-Dinitrotoluene

Concen: 39.881 ng

RT: 9.957 min Scan# 11

Delta R.T. 0.000 min

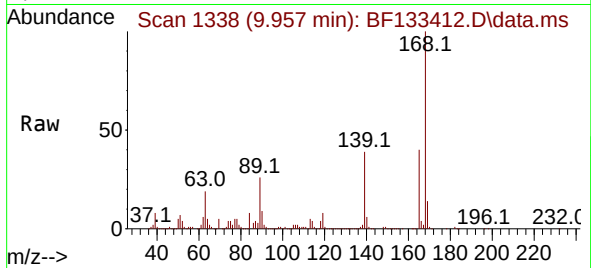
Lab File: BF133412.D

Acq: 17 May 2023 14:35

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:165 Resp: 421719

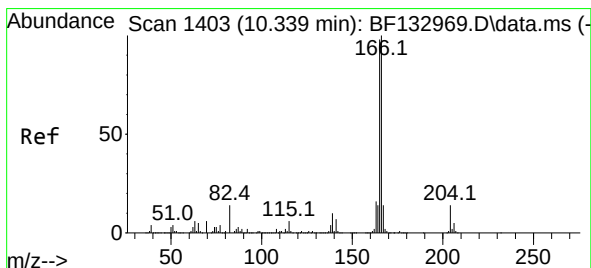
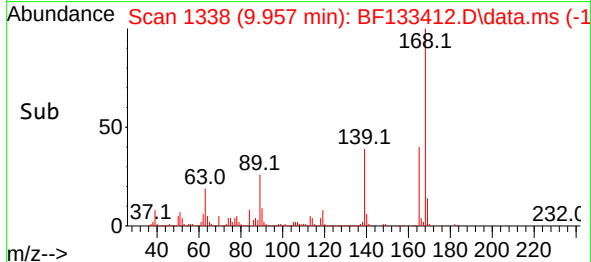
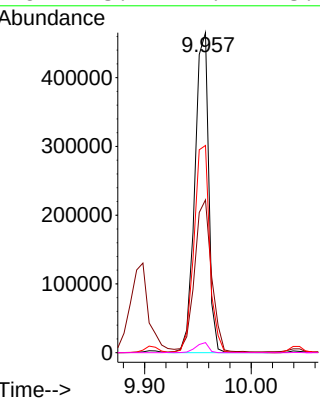
Ion Ratio Lower Upper

165 100

63 47.8 37.7 56.5

89 64.7 57.0 85.4

182 3.2 2.1 3.1#



#58

Fluorene

Concen: 39.517 ng

RT: 10.304 min Scan# 1397

Delta R.T. -0.006 min

Lab File: BF133412.D

Acq: 17 May 2023 14:35

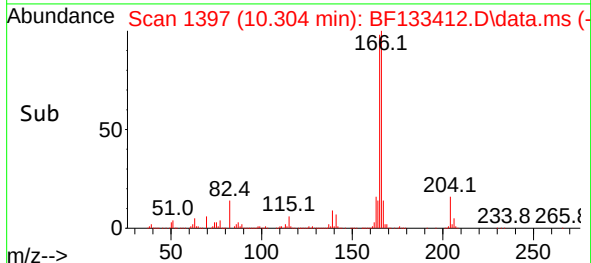
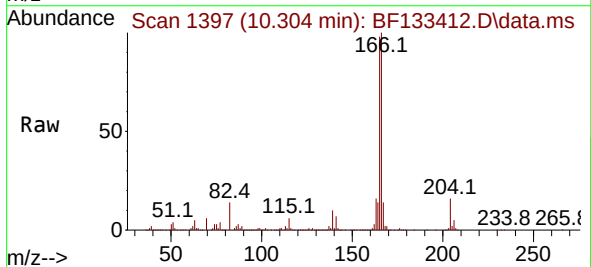
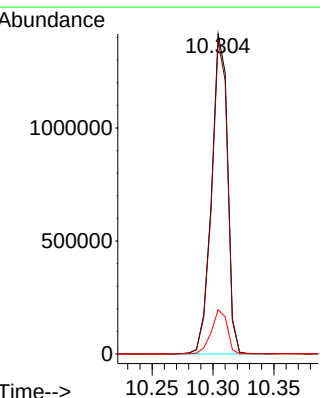
Tgt Ion:166 Resp: 1296030

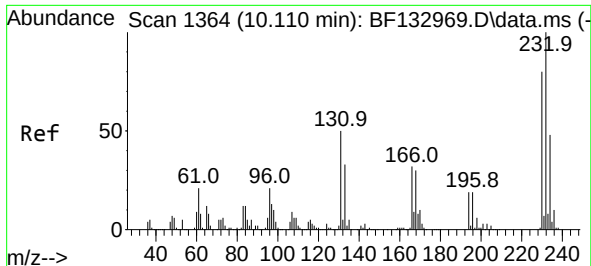
Ion Ratio Lower Upper

166 100

165 97.9 78.6 117.8

167 13.8 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.759 ng

RT: 10.086 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133412.D

Acq: 17 May 2023 14:35

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:232 Resp: 350222

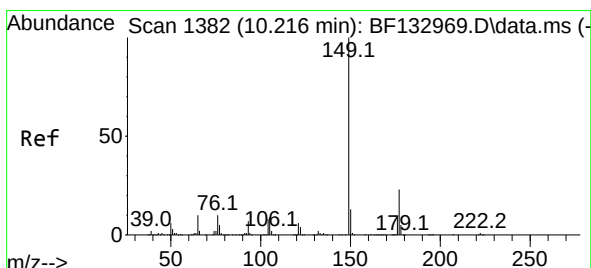
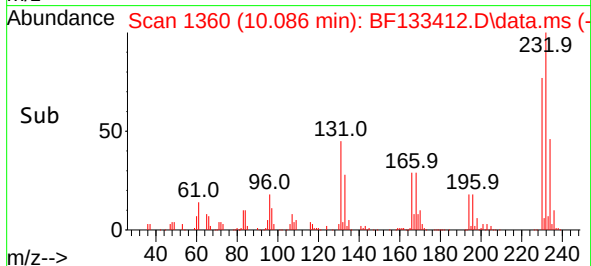
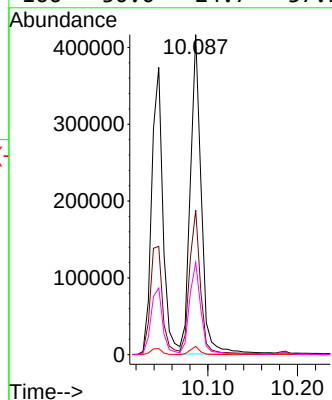
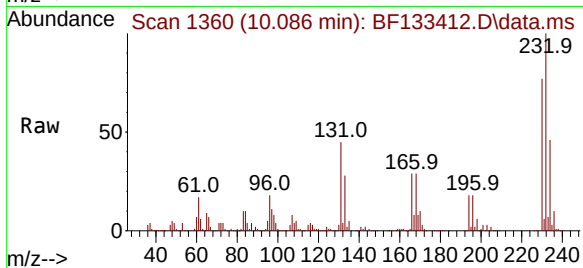
Ion Ratio Lower Upper

232 100

131 45.5 38.0 57.0

130 2.4 1.8 2.8

166 30.0 24.7 37.1



#60

Diethylphthalate

Concen: 38.654 ng

RT: 10.187 min Scan# 1377

Delta R.T. 0.000 min

Lab File: BF133412.D

Acq: 17 May 2023 14:35

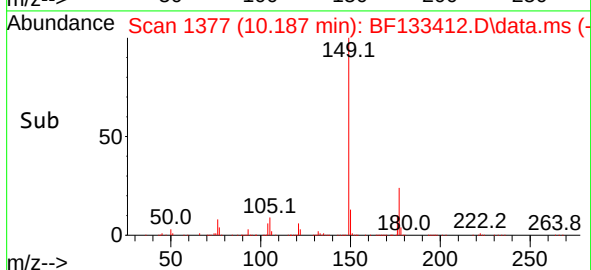
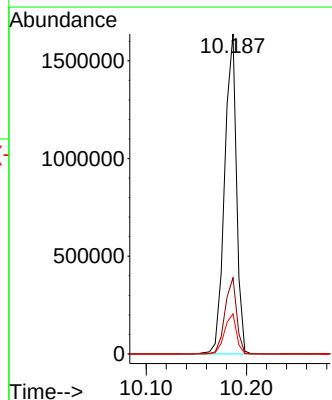
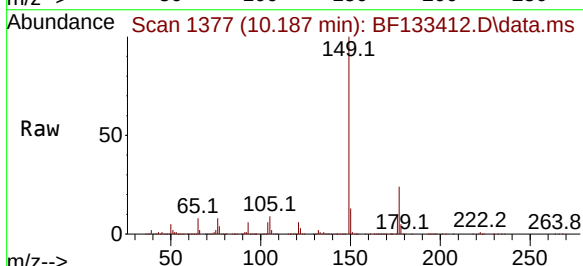
Tgt Ion:149 Resp: 1345084

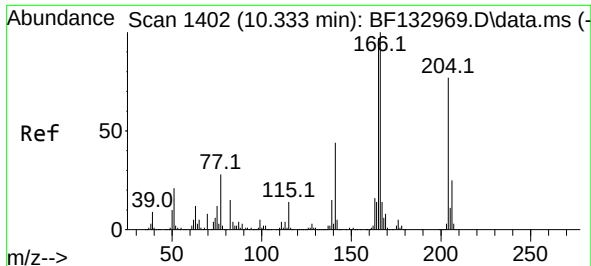
Ion Ratio Lower Upper

149 100

177 23.8 18.2 27.4

150 12.6 10.2 15.4

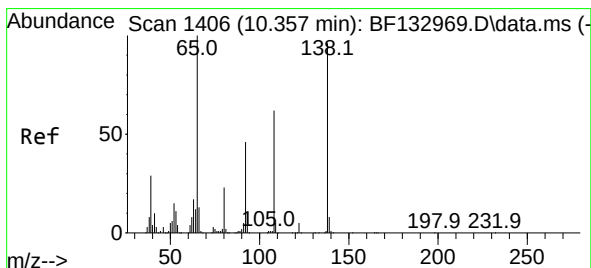
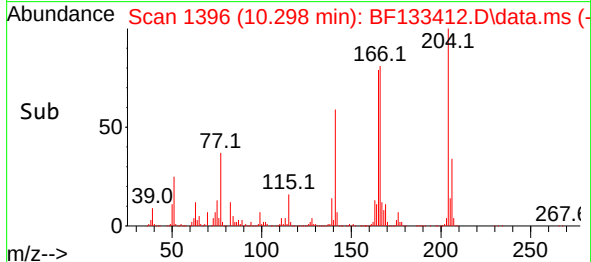
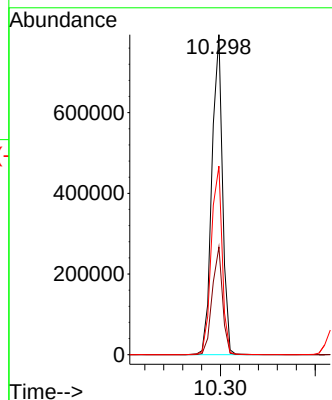
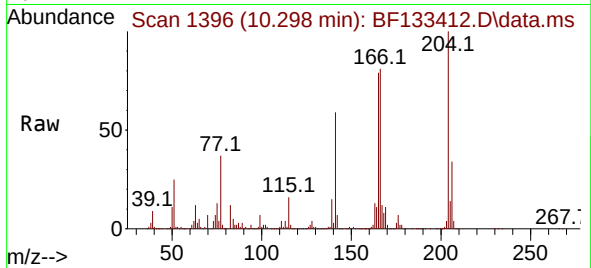




#61
4-Chlorophenyl-phenylether
Concen: 38.467 ng
RT: 10.298 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

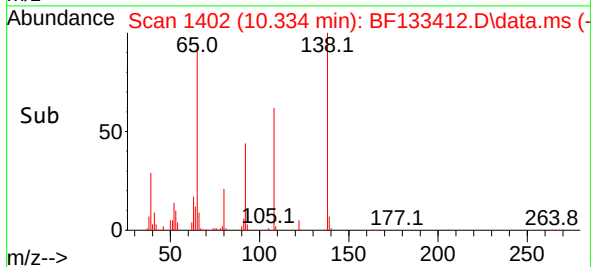
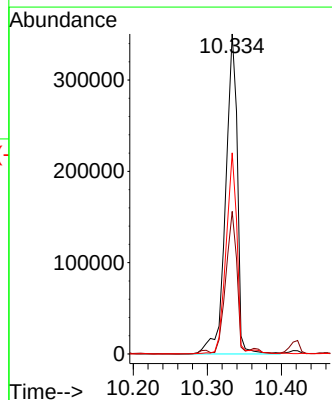
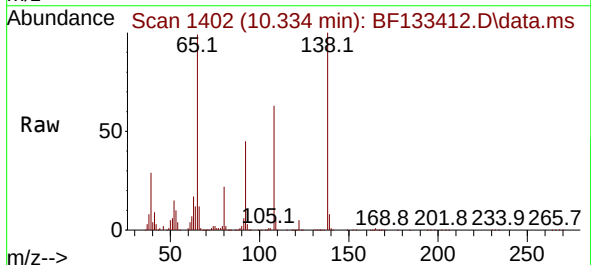
Instrument :
BNA_F
ClientSampleId :

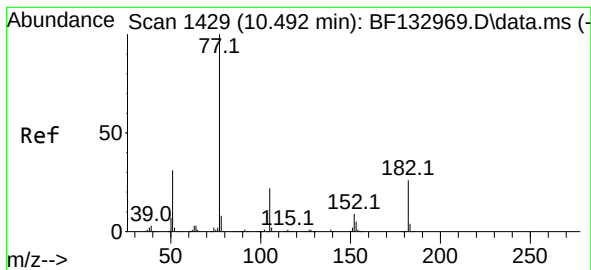
Tgt Ion:204 Resp: 614798
Ion Ratio Lower Upper
204 100
206 33.7 26.1 39.1
141 58.9 46.1 69.1



#62
4-Nitroaniline
Concen: 42.746 ng
RT: 10.334 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

Tgt Ion:138 Resp: 387347
Ion Ratio Lower Upper
138 100
92 44.5 27.7 67.7
108 62.9 45.2 85.2





#63

Azobenzene

Concen: 36.505 ng

RT: 10.457 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF133412.D

Acq: 17 May 2023 14:35

Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 77 Resp: 1345681

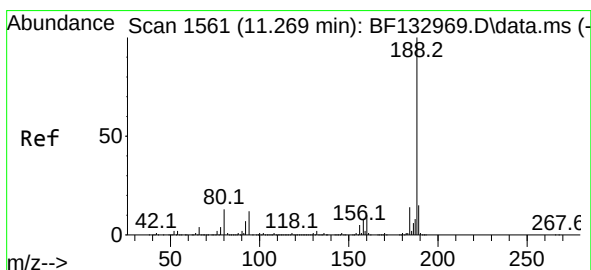
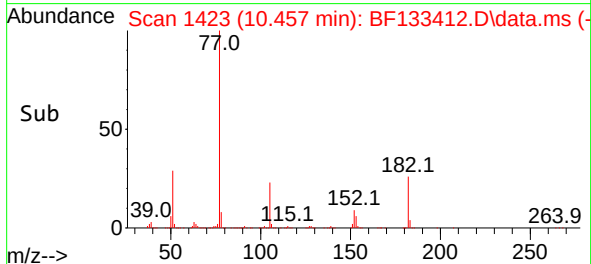
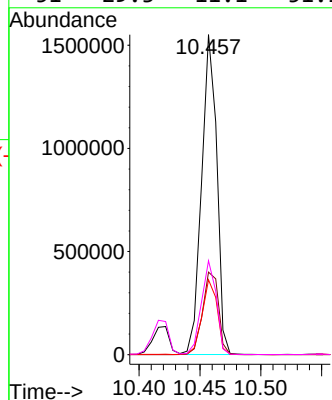
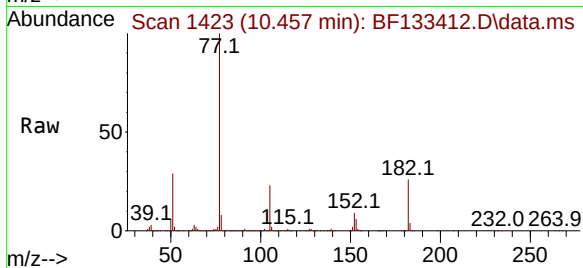
Ion Ratio Lower Upper

77 100

182 25.8 5.9 45.9

105 23.4 2.3 42.3

51 29.3 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.239 min Scan# 1556

Delta R.T. -0.006 min

Lab File: BF133412.D

Acq: 17 May 2023 14:35

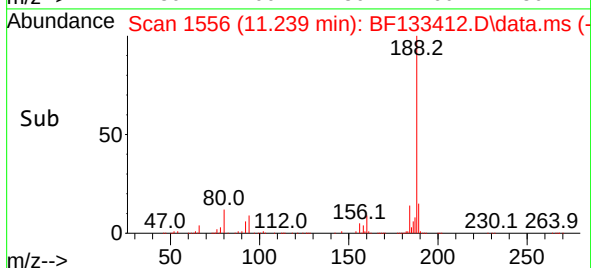
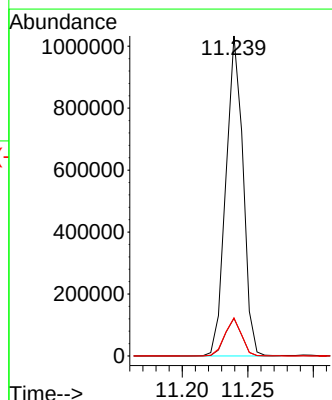
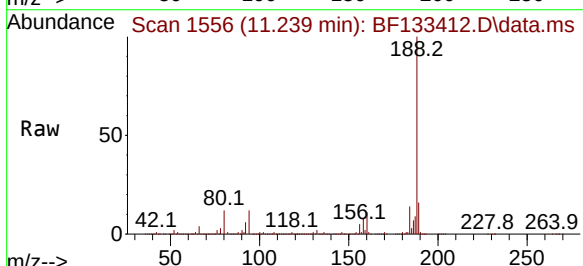
Tgt Ion: 188 Resp: 935152

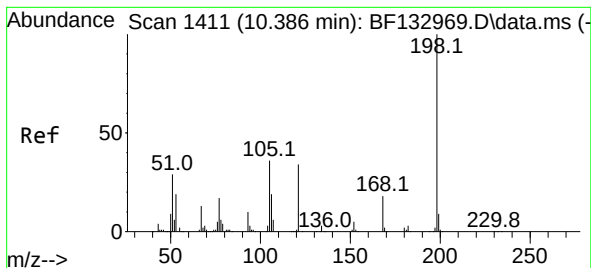
Ion Ratio Lower Upper

188 100

94 11.7 9.7 14.5

80 11.9 10.4 15.6

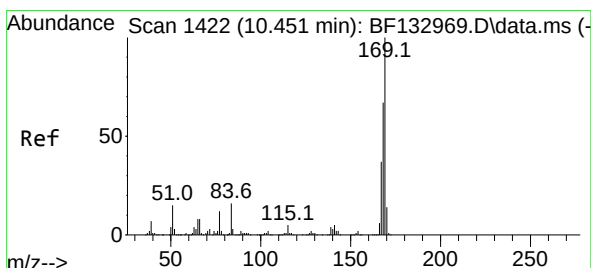
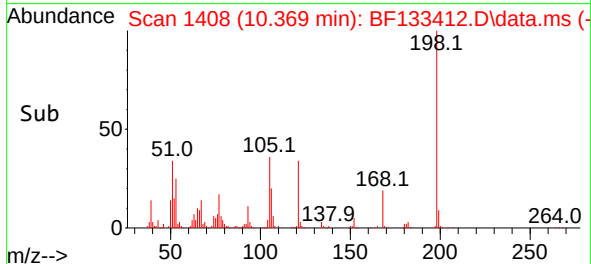
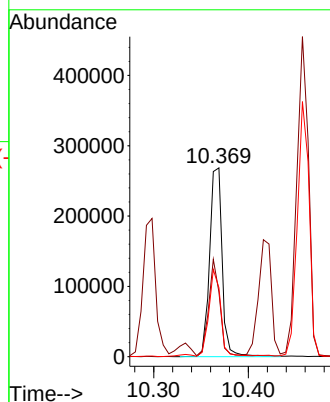
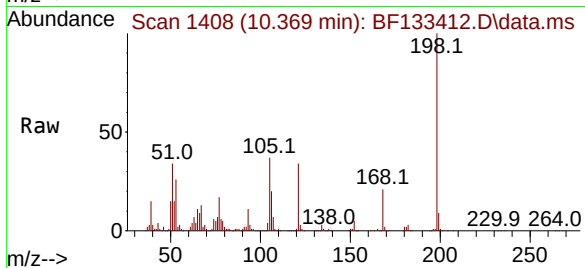




#65
4,6-Dinitro-2-methylphenol
Concen: 43.602 ng
RT: 10.369 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

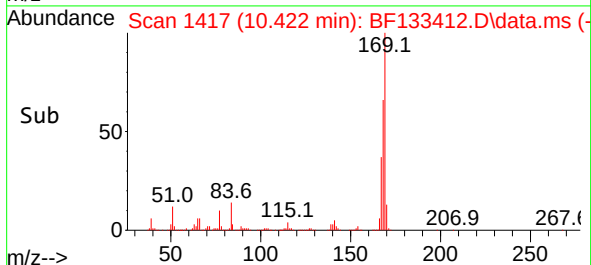
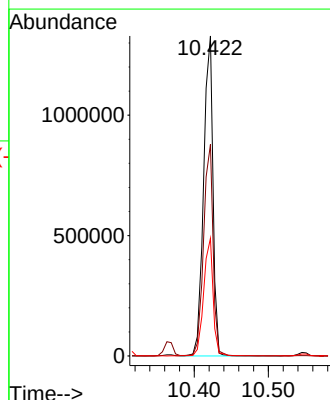
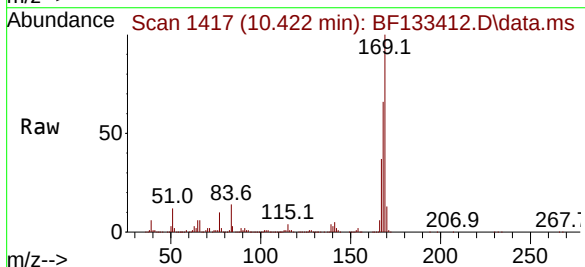
Instrument :
BNA_F
ClientSampleId :

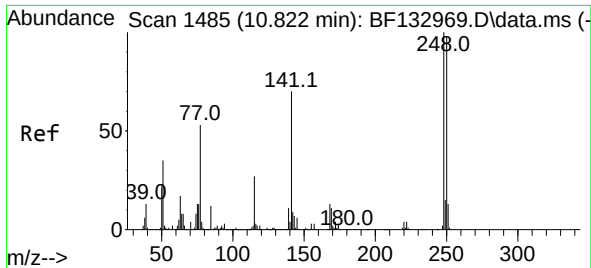
Tgt Ion:198 Resp: 247145
Ion Ratio Lower Upper
198 100
51 34.2 15.5 55.5
105 36.5 16.7 56.7



#66
n-Nitrosodiphenylamine
Concen: 38.600 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

Tgt Ion:169 Resp: 1170879
Ion Ratio Lower Upper
169 100
168 66.1 53.8 80.8
167 36.7 29.7 44.5

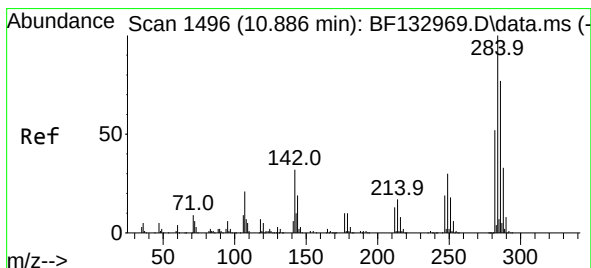
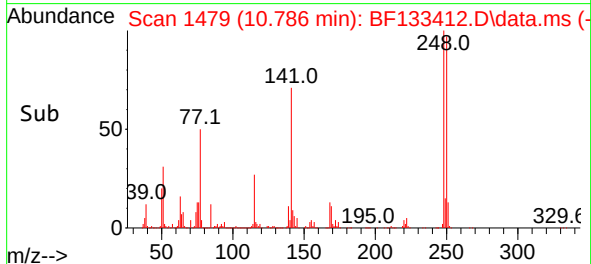
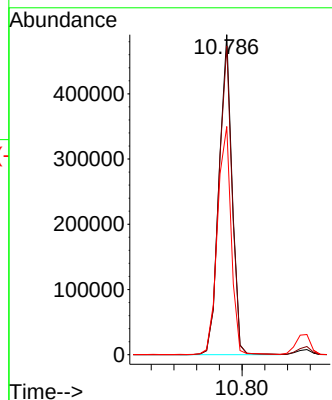
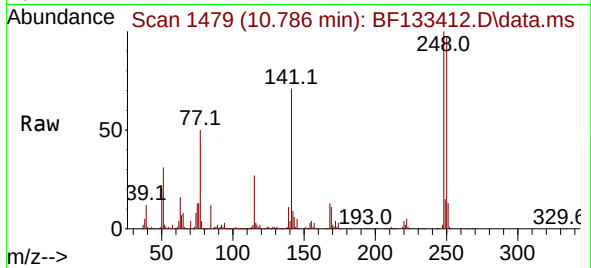




#67
4-Bromophenyl-phenylether
Concen: 38.490 ng
RT: 10.786 min Scan# 1485
Delta R.T. -0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

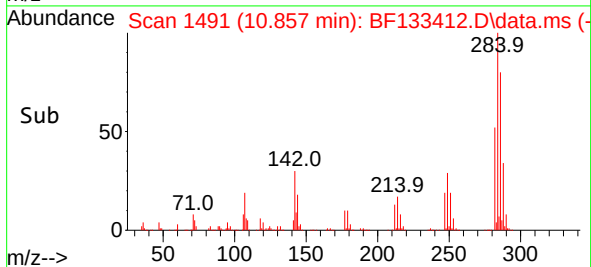
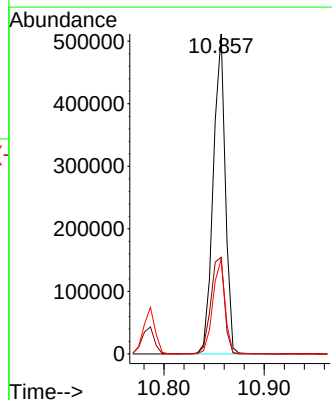
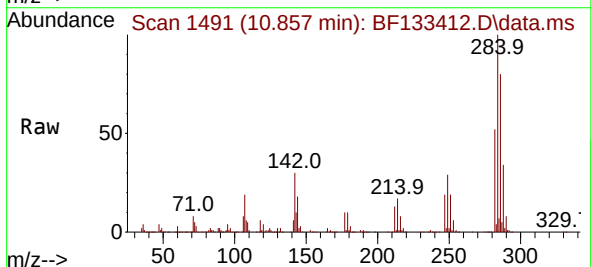
Instrument :
BNA_F
ClientSampleId :

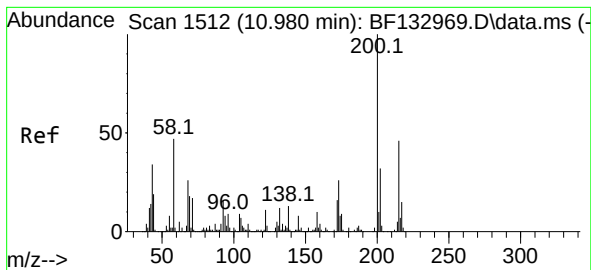
Tgt Ion:248 Resp: 390378
Ion Ratio Lower Upper
248 100
250 96.5 78.7 118.1
141 71.3 56.3 84.5



#68
Hexachlorobenzene
Concen: 41.208 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

Tgt Ion:284 Resp: 428264
Ion Ratio Lower Upper
284 100
142 30.2 26.0 39.0
249 29.5 23.7 35.5





#69

Atrazine

Concen: 45.783 ng

RT: 10.951 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133412.D

Acq: 17 May 2023 14:35

Instrument :

BNA_F

ClientSampleId :

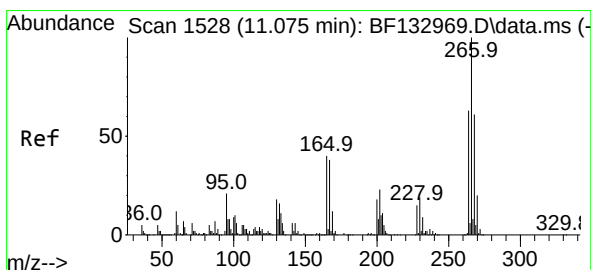
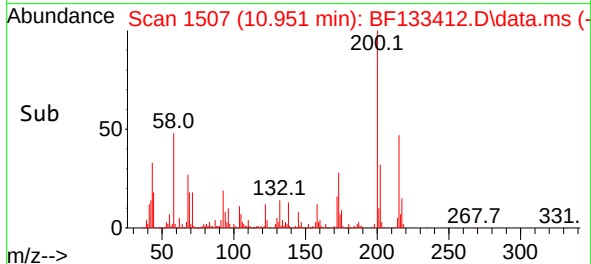
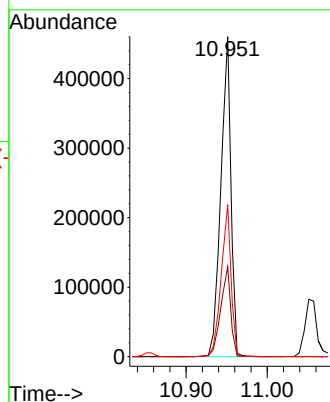
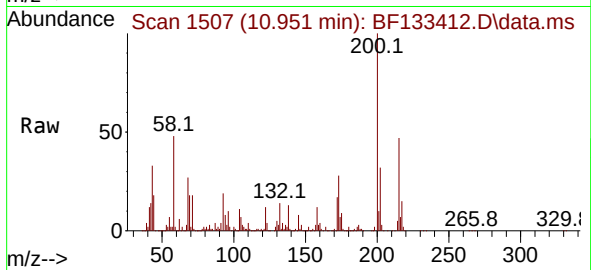
Tgt Ion:200 Resp: 400165

Ion Ratio Lower Upper

200 100

173 28.1 6.2 46.2

215 47.5 26.3 66.3



#70

Pentachlorophenol

Concen: 68.431 ng

RT: 11.057 min Scan# 1525

Delta R.T. 0.000 min

Lab File: BF133412.D

Acq: 17 May 2023 14:35

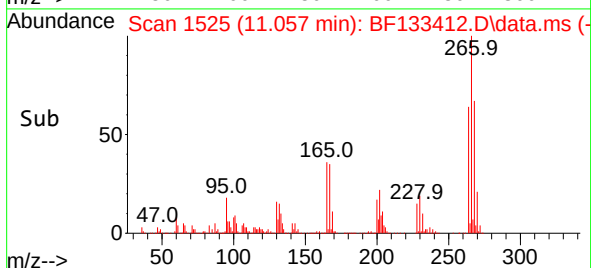
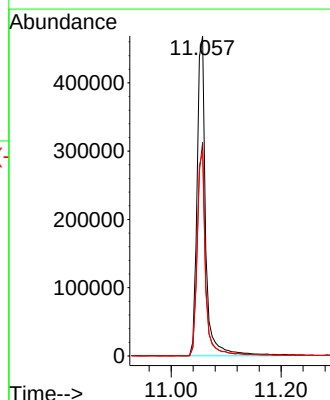
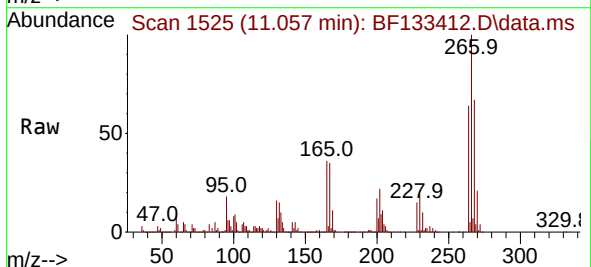
Tgt Ion:266 Resp: 506495

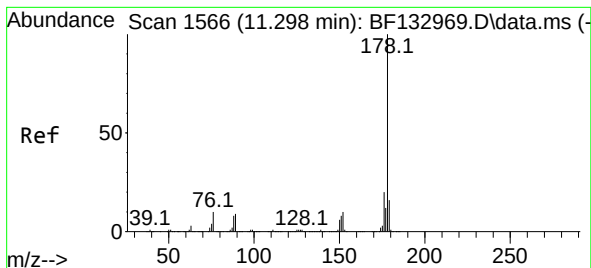
Ion Ratio Lower Upper

266 100

268 66.7 48.8 73.2

264 63.7 50.6 76.0





#71

Phenanthrene

Concen: 38.237 ng

RT: 11.269 min Scan# 1561

Delta R.T. 0.000 min

Lab File: BF133412.D

Acq: 17 May 2023 14:35

Instrument :

BNA_F

ClientSampleId :

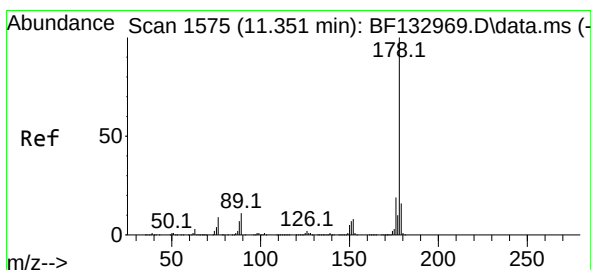
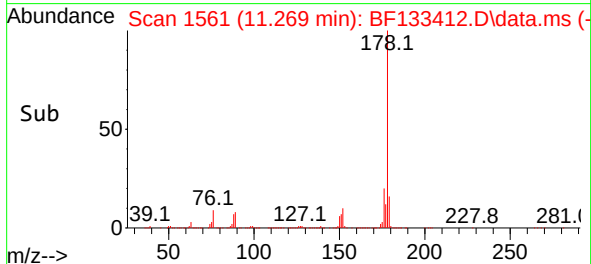
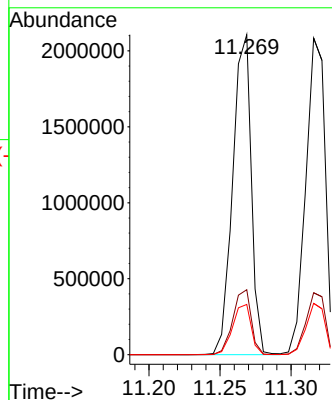
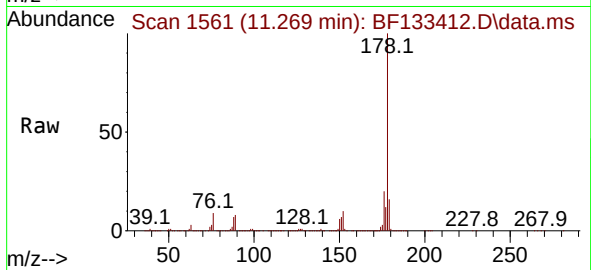
Tgt Ion:178 Resp: 1921864

Ion Ratio Lower Upper

178 100

176 20.3 15.9 23.9

179 15.7 12.5 18.7



#72

Anthracene

Concen: 38.725 ng

RT: 11.316 min Scan# 1569

Delta R.T. -0.006 min

Lab File: BF133412.D

Acq: 17 May 2023 14:35

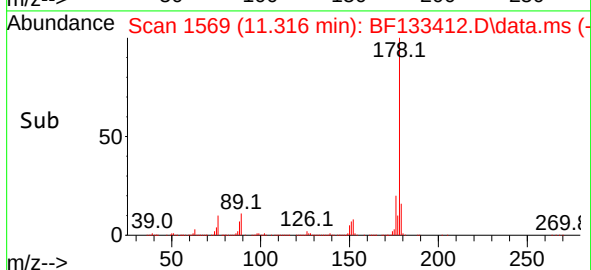
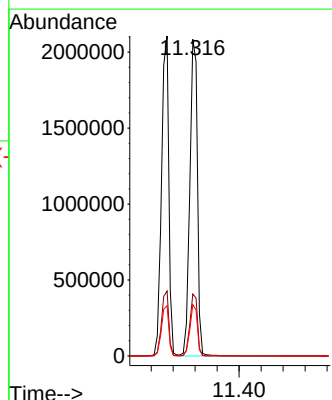
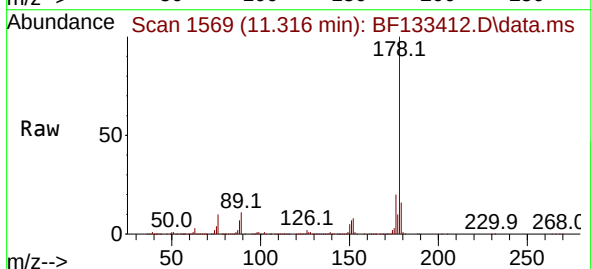
Tgt Ion:178 Resp: 1991890

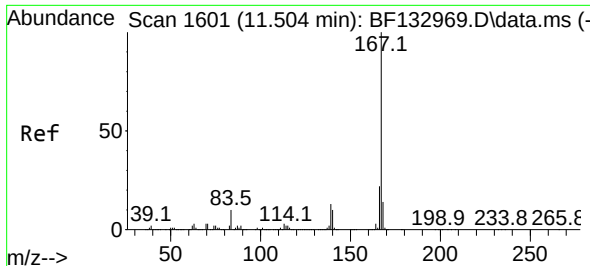
Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.0

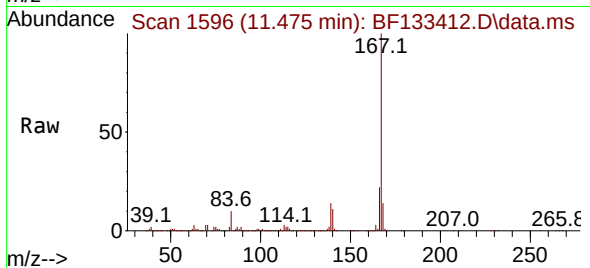
179 16.2 12.4 18.6





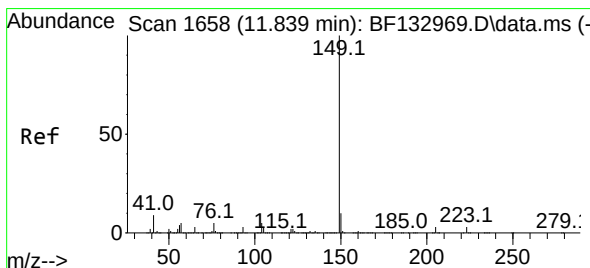
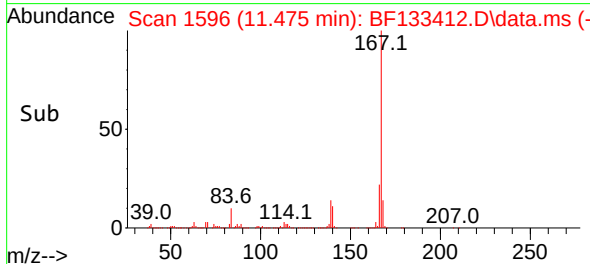
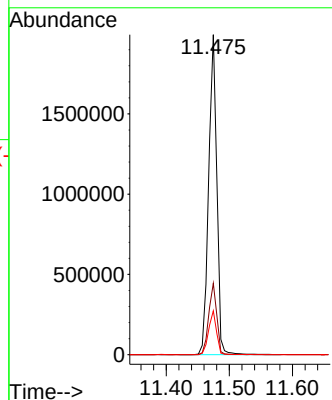
#73
 Carbazole
 Concen: 39.149 ng
 RT: 11.475 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF133412.D
 Acq: 17 May 2023 14:35

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:167 Resp: 1793073

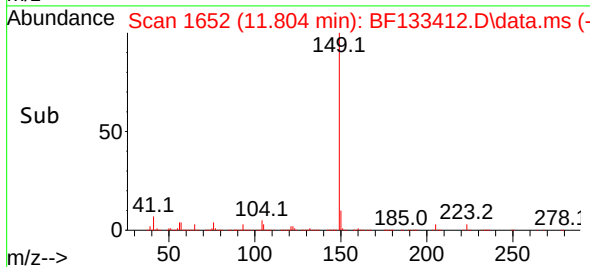
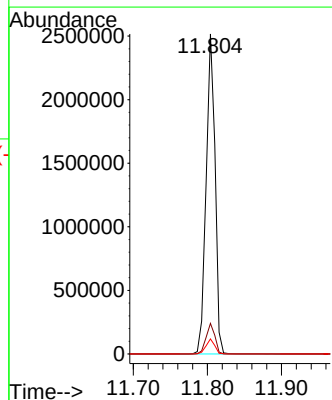
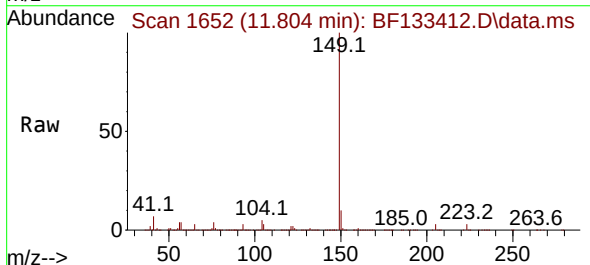
Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.4	26.0
139	13.7	10.6	16.0

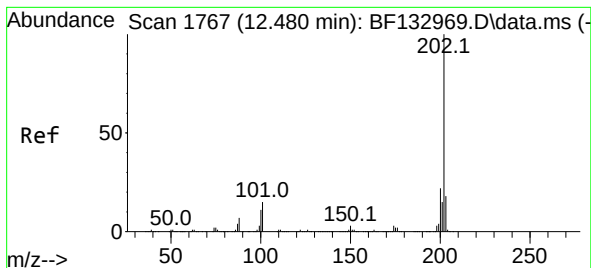


#74
 Di-n-butylphthalate
 Concen: 40.792 ng
 RT: 11.804 min Scan# 1652
 Delta R.T. -0.006 min
 Lab File: BF133412.D
 Acq: 17 May 2023 14:35

Tgt Ion:149 Resp: 2114307

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.6	11.4
104	4.7	4.0	6.0





#75

Fluoranthene

Concen: 38.348 ng

RT: 12.451 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133412.D

Acq: 17 May 2023 14:35

Instrument :

BNA_F

ClientSampleId :

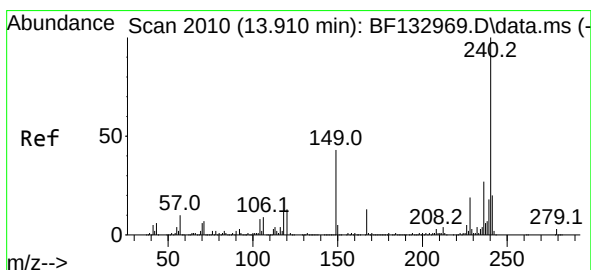
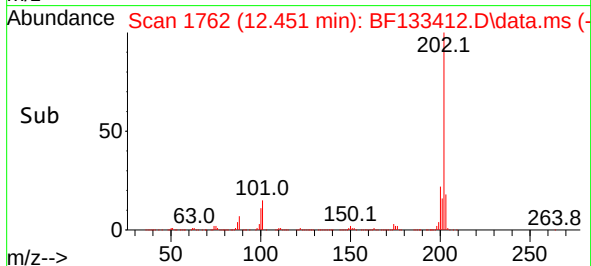
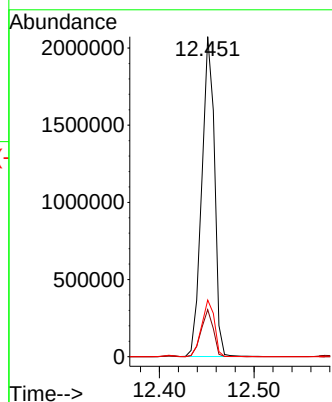
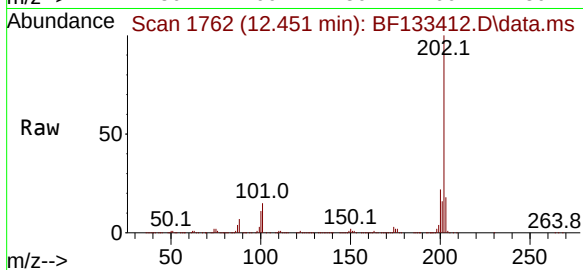
Tgt Ion:202 Resp: 1934389

Ion Ratio Lower Upper

202 100

101 14.7 0.0 35.3

203 17.7 0.0 38.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.880 min Scan# 2005

Delta R.T. -0.006 min

Lab File: BF133412.D

Acq: 17 May 2023 14:35

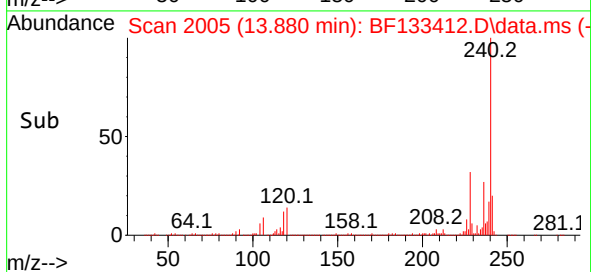
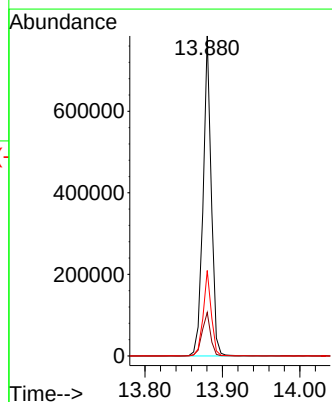
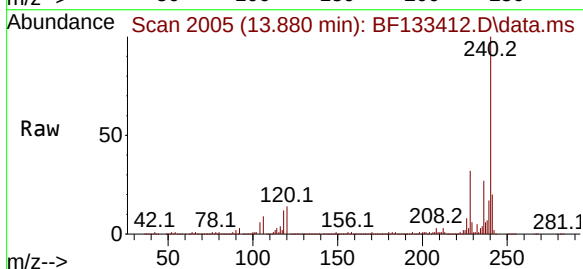
Tgt Ion:240 Resp: 576609

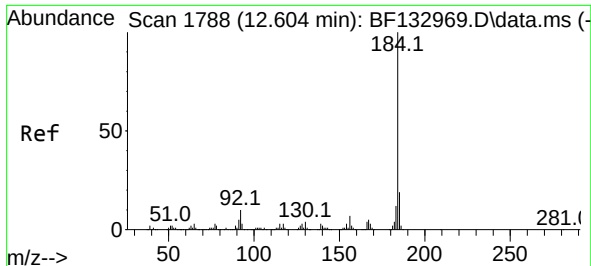
Ion Ratio Lower Upper

240 100

120 13.6 10.5 15.7

236 26.7 21.5 32.3

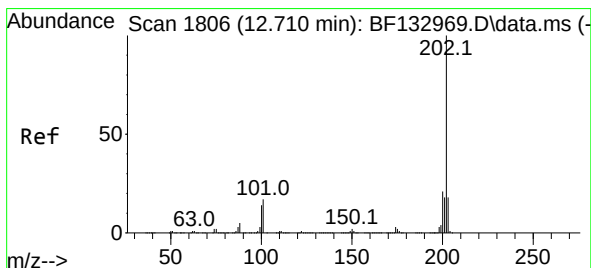
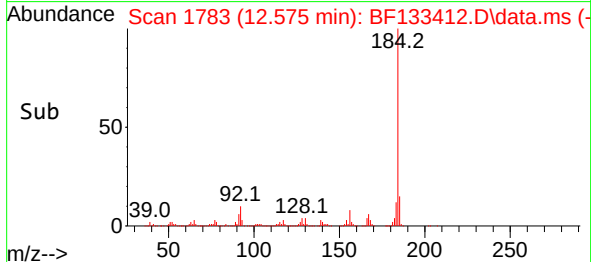
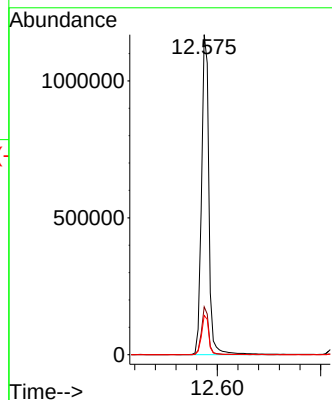
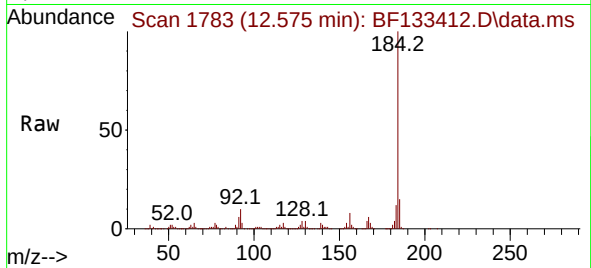




#77
Benzidine
Concen: 118.148 ng
RT: 12.575 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

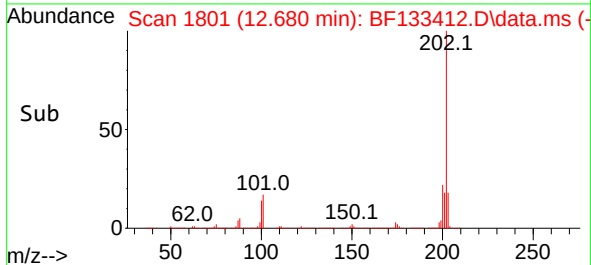
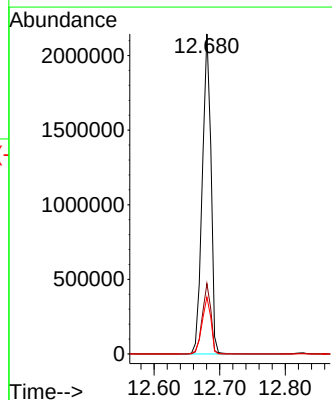
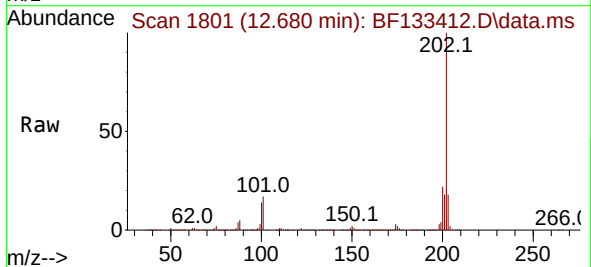
Instrument :
BNA_F
ClientSampleId :

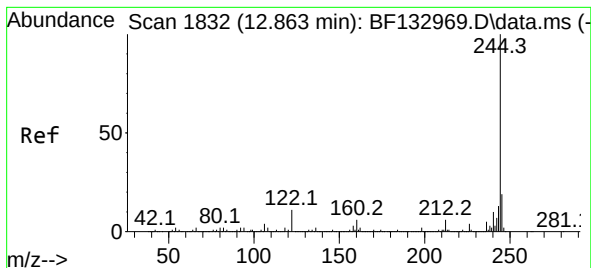
Tgt Ion:184 Resp: 1152033
Ion Ratio Lower Upper
184 100
185 14.9 15.4 23.2#
183 12.3 9.4 14.0



#78
Pyrene
Concen: 39.959 ng
RT: 12.680 min Scan# 1801
Delta R.T. -0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

Tgt Ion:202 Resp: 1975110
Ion Ratio Lower Upper
202 100
200 22.0 17.1 25.7
203 17.7 14.1 21.1





#79

Terphenyl-d14

Concen: 65.695 ng

RT: 12.828 min Scan# 11

Delta R.T. -0.006 min

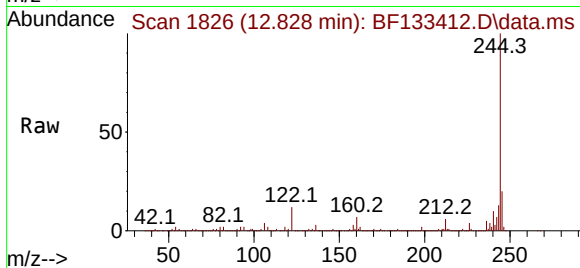
Lab File: BF133412.D

Acq: 17 May 2023 14:35

Instrument :

BNA_F

ClientSampleId :



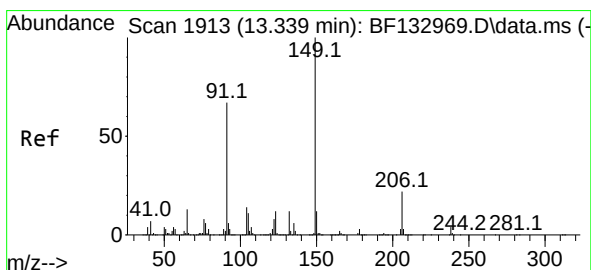
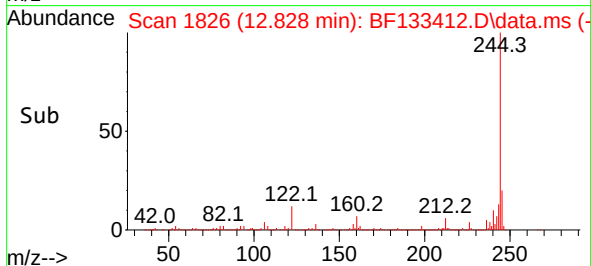
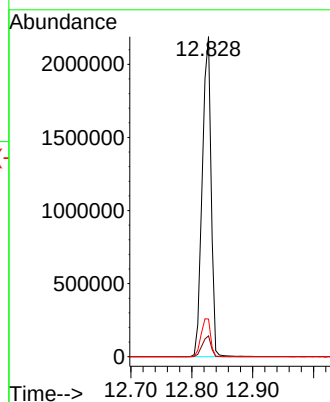
Tgt Ion:244 Resp: 2196389

Ion Ratio Lower Upper

244 100

212 6.5 5.1 7.7

122 11.7 8.6 13.0



#80

Butylbenzylphthalate

Concen: 48.749 ng

RT: 13.304 min Scan# 1907

Delta R.T. 0.000 min

Lab File: BF133412.D

Acq: 17 May 2023 14:35

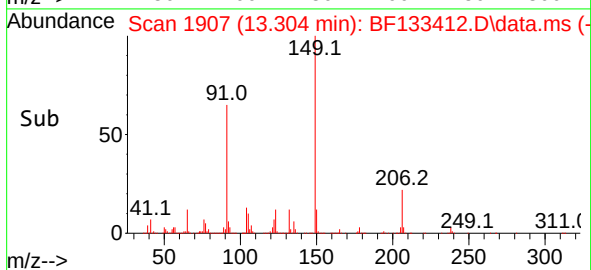
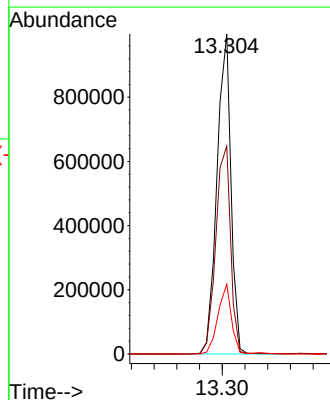
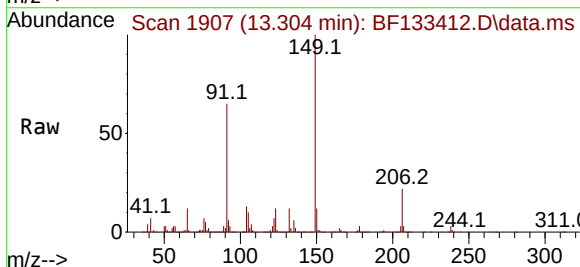
Tgt Ion:149 Resp: 853171

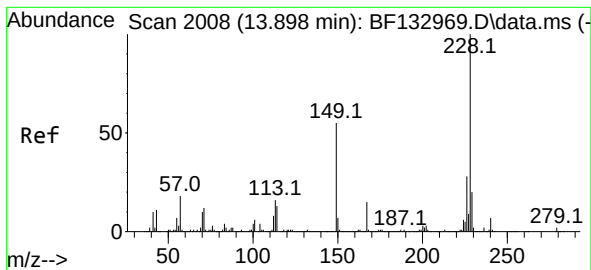
Ion Ratio Lower Upper

149 100

91 65.0 53.8 80.6

206 21.8 17.5 26.3





#81

Benzo(a)anthracene

Concen: 37.288 ng

RT: 13.869 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF133412.D

Acq: 17 May 2023 14:35

Instrument :

BNA_F

ClientSampleId :

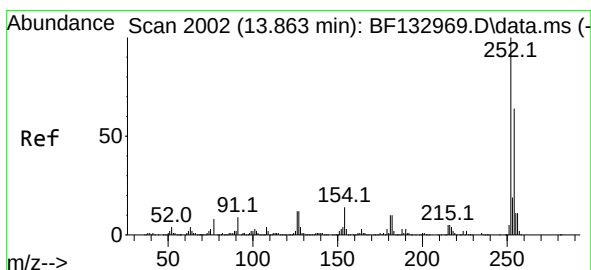
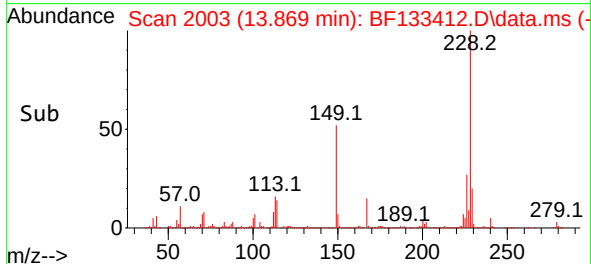
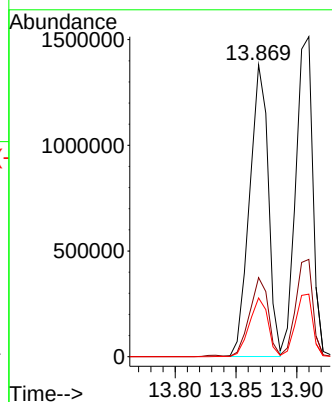
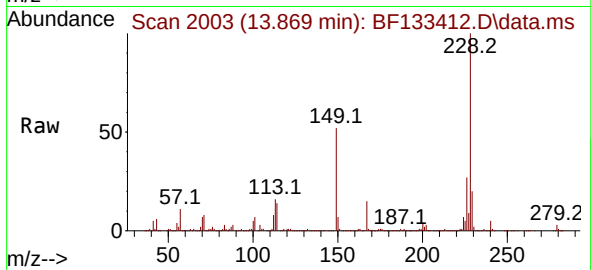
Tgt Ion:228 Resp: 1478541

Ion Ratio Lower Upper

228 100

226 27.1 22.2 33.4

229 20.1 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 34.170 ng

RT: 13.833 min Scan# 1997

Delta R.T. -0.006 min

Lab File: BF133412.D

Acq: 17 May 2023 14:35

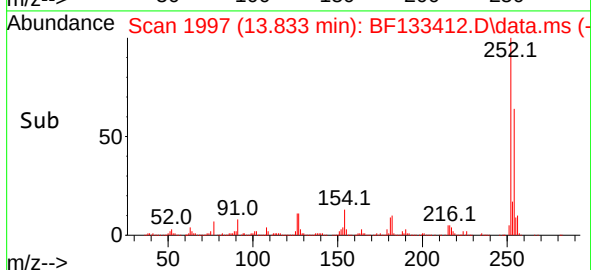
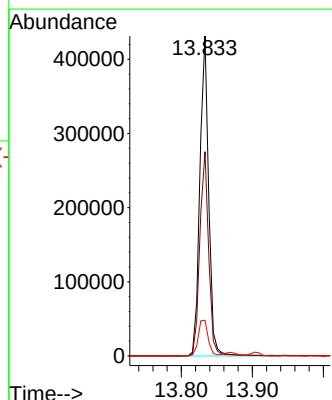
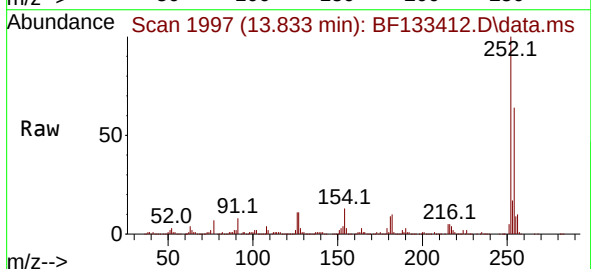
Tgt Ion:252 Resp: 374294

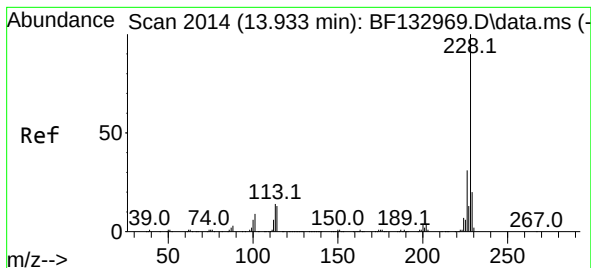
Ion Ratio Lower Upper

252 100

254 63.9 51.5 77.3

126 11.1 9.5 14.3





#83

Chrysene

Concen: 37.246 ng

RT: 13.910 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BF133412.D

Acq: 17 May 2023 14:35

Instrument :

BNA_F

ClientSampleId :

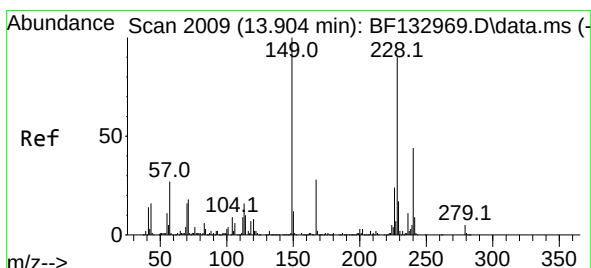
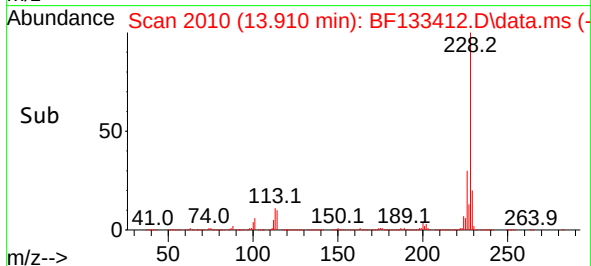
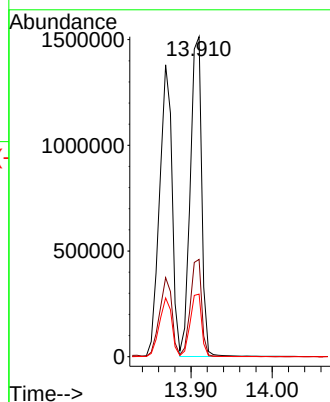
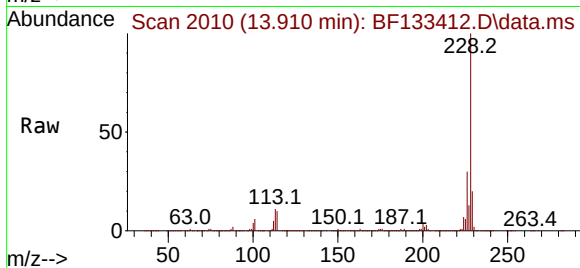
Tgt Ion:228 Resp: 1476492

Ion Ratio Lower Upper

228 100

226 30.4 24.7 37.1

229 19.6 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.232 ng

RT: 13.863 min Scan# 2002

Delta R.T. 0.000 min

Lab File: BF133412.D

Acq: 17 May 2023 14:35

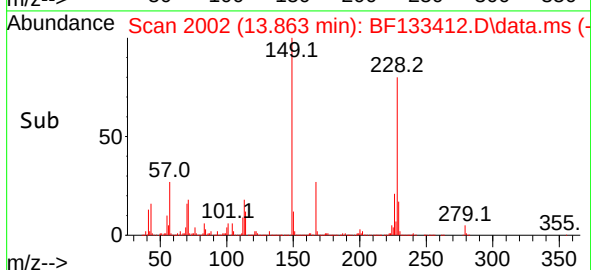
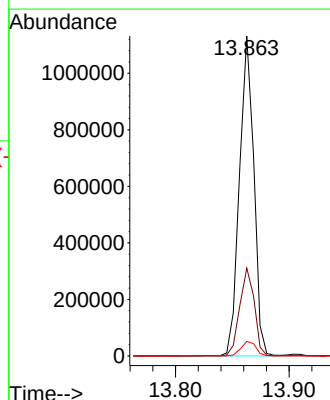
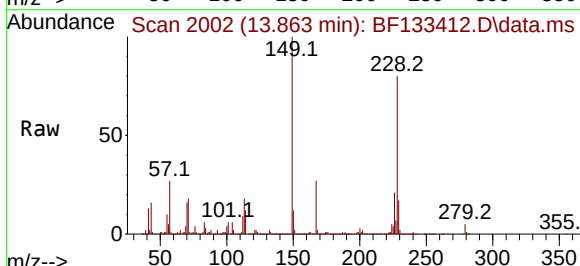
Tgt Ion:149 Resp: 993632

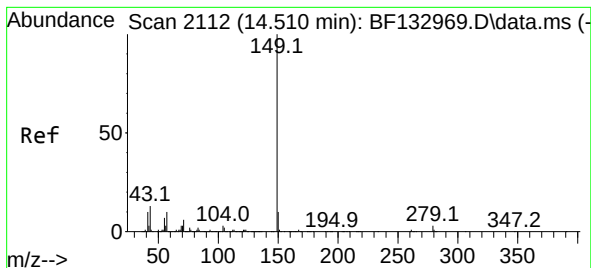
Ion Ratio Lower Upper

149 100

167 27.4 22.5 33.7

279 4.6 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 44.628 ng

RT: 14.474 min Scan# 2112

Delta R.T. 0.000 min

Lab File: BF133412.D

Acq: 17 May 2023 14:35

Instrument :

BNA_F

ClientSampleId :

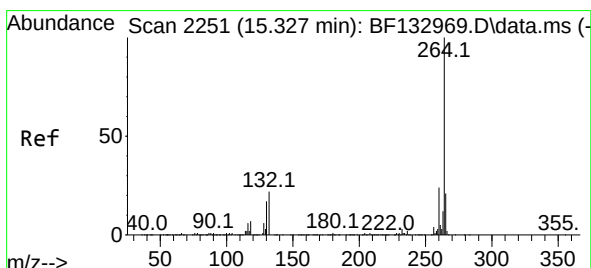
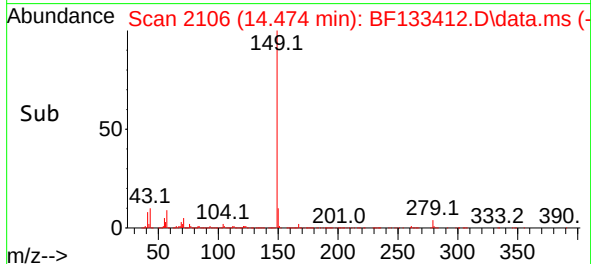
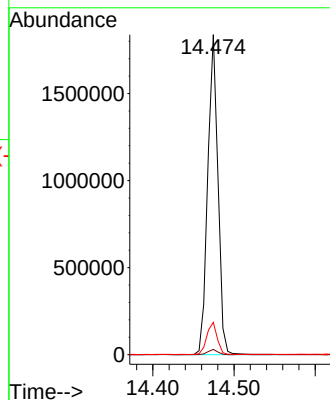
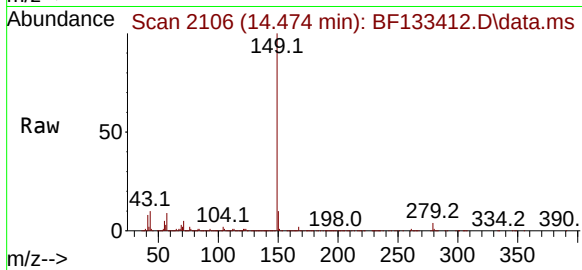
Tgt Ion:149 Resp: 1598535

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.2 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.298 min Scan# 2246

Delta R.T. -0.006 min

Lab File: BF133412.D

Acq: 17 May 2023 14:35

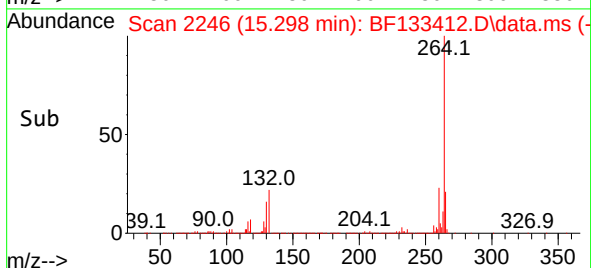
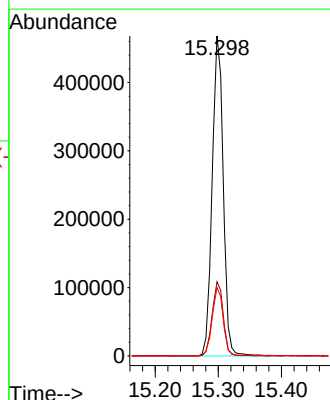
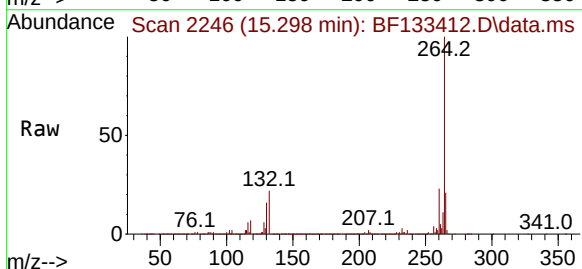
Tgt Ion:264 Resp: 569871

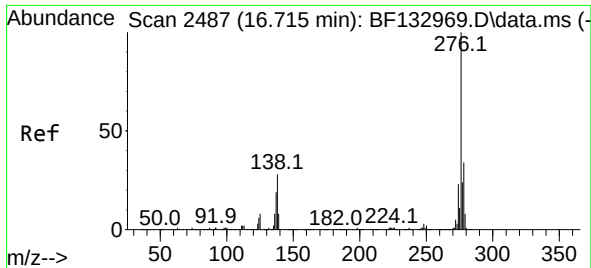
Ion Ratio Lower Upper

264 100

260 23.2 18.8 28.2

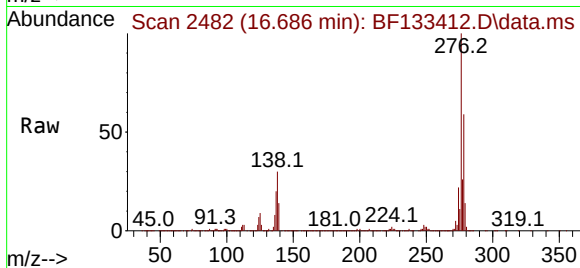
265 21.4 17.0 25.4



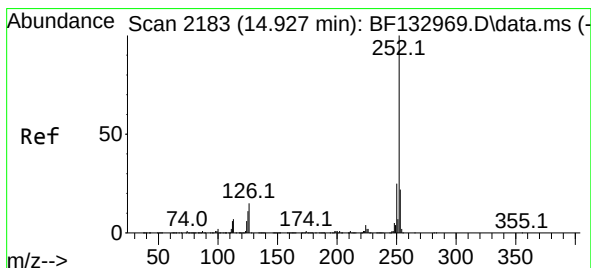
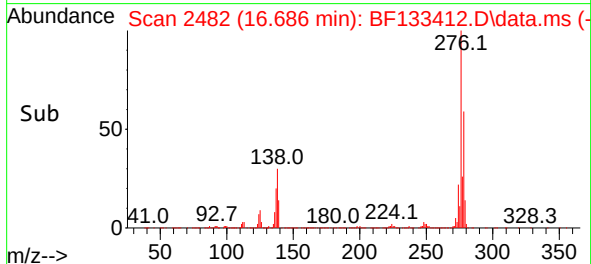
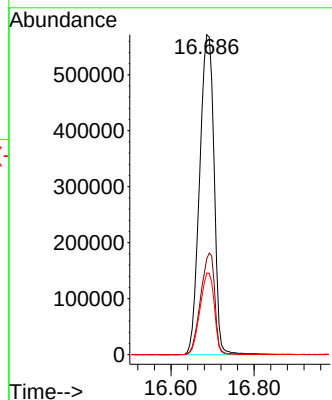


#87
Indeno(1,2,3-cd)pyrene
Concen: 42.611 ng
RT: 16.686 min Scan# 2487
Delta R.T. -0.012 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

Instrument :
BNA_F
ClientSampleId :

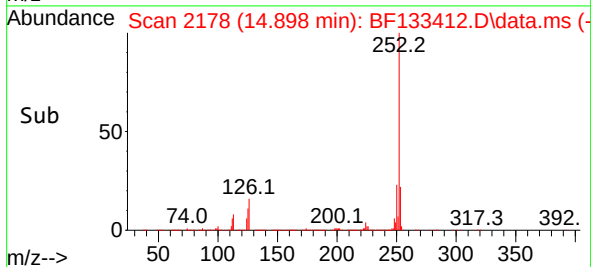
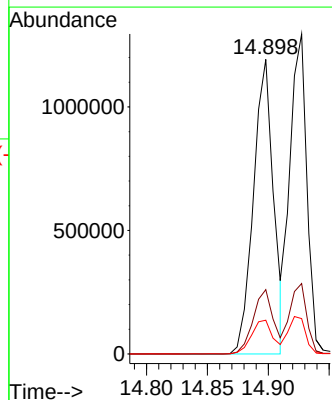
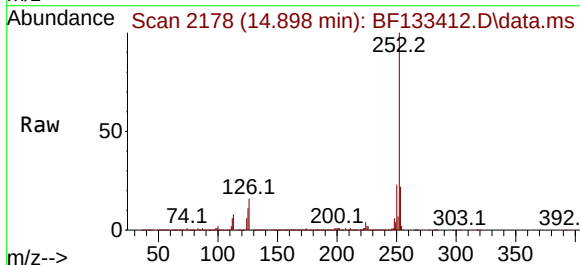


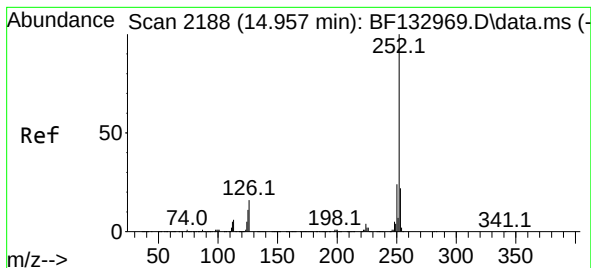
Tgt Ion:276 Resp: 1381267
Ion Ratio Lower Upper
276 100
138 31.2 25.5 38.3
277 25.3 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 37.657 ng
RT: 14.898 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

Tgt Ion:252 Resp: 1365238
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 11.5 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 35.205 ng

RT: 14.927 min Scan# 2183

Delta R.T. 0.000 min

Lab File: BF133412.D

Acq: 17 May 2023 14:35

Instrument :

BNA_F

ClientSampleId :

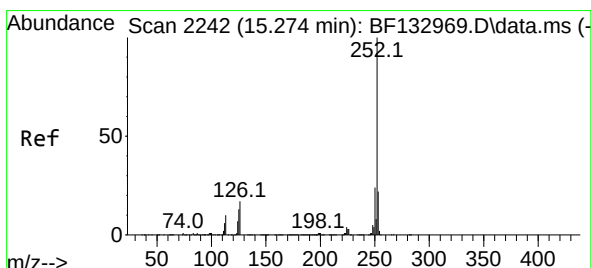
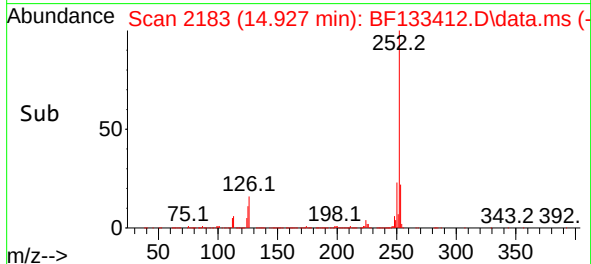
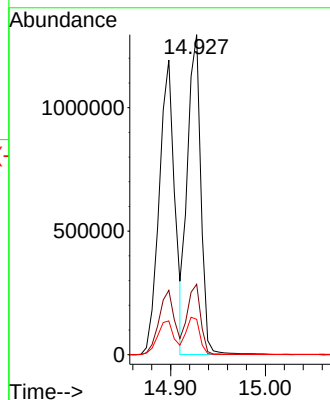
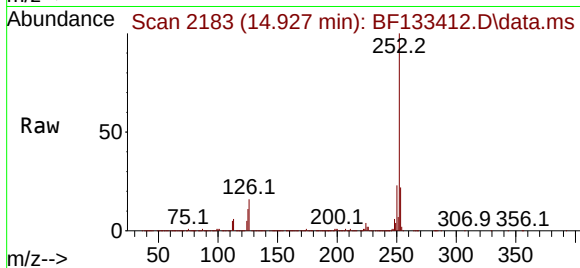
Tgt Ion:252 Resp: 1265207

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 11.0 9.0 13.4



#90

Benzo(a)pyrene

Concen: 34.704 ng

RT: 15.245 min Scan# 2237

Delta R.T. 0.000 min

Lab File: BF133412.D

Acq: 17 May 2023 14:35

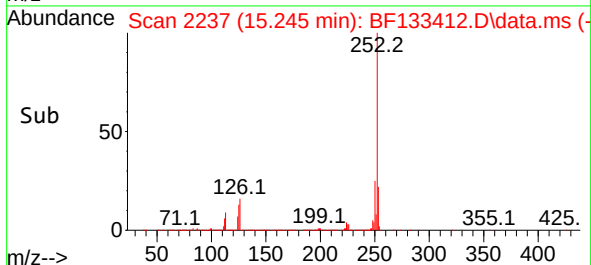
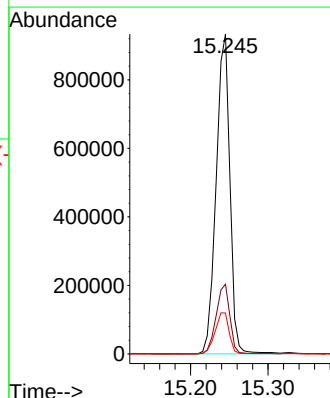
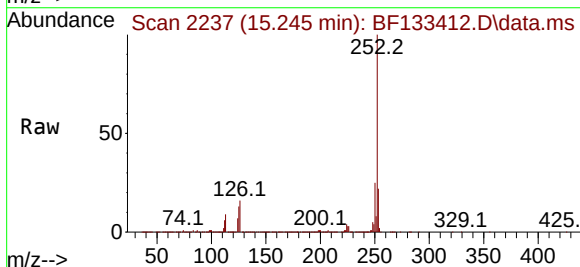
Tgt Ion:252 Resp: 1145187

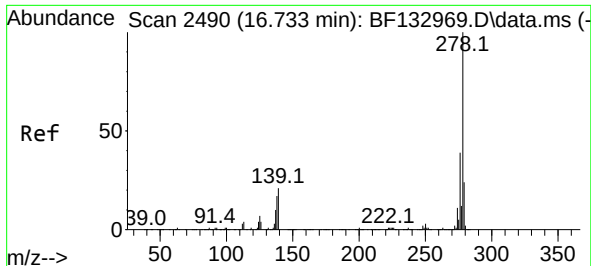
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

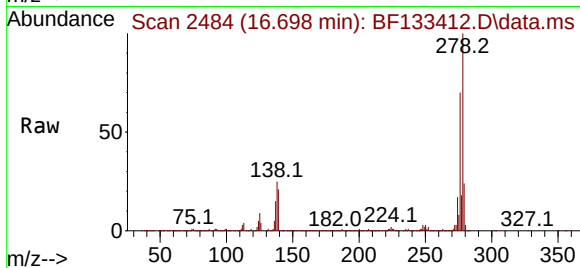
125 12.8 10.5 15.7



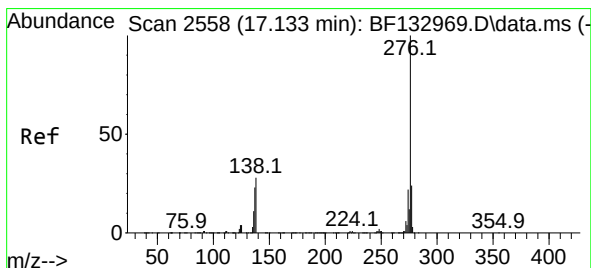
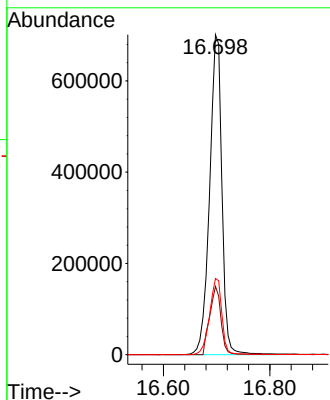
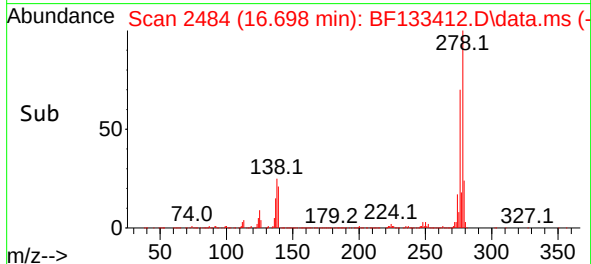


#91
Dibenzo(a,h)anthracene
Concen: 41.686 ng
RT: 16.698 min Scan# 2490
Delta R.T. -0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:278 Resp: 1127016
Ion Ratio Lower Upper
278 100
139 21.3 16.6 24.8
279 23.8 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 43.307 ng
RT: 17.104 min Scan# 2553
Delta R.T. -0.006 min
Lab File: BF133412.D
Acq: 17 May 2023 14:35

Tgt Ion:276 Resp: 1155941
Ion Ratio Lower Upper
276 100
277 24.3 19.4 29.0
138 26.6 22.7 34.1

