

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062123\
 Data File : BF133868.D
 Acq On : 21 Jun 2023 13:36
 Operator : CG\JU
 Sample : PB153548BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153548BS

Quant Time: Jun 21 14:18:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 13:43:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	121887	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	478478	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	239825	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	482972	20.000	ng	0.00
76) Chrysene-d12	14.051	240	247004	20.000	ng	0.00
86) Perylene-d12	15.563	264	245648	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	833672	119.073	ng	0.02
7) Phenol-d6	6.504	99	1007110	110.508	ng	0.01
23) Nitrobenzene-d5	7.428	82	676579	77.017	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	332901	109.660	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1239494	73.469	ng	0.00
79) Terphenyl-d14	12.992	244	1366625	85.612	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	120905	39.279	ng	97
3) Pyridine	3.516	79	265171	29.557	ng	99
4) n-Nitrosodimethylamine	3.469	42	193780	39.075	ng	99
6) Aniline	6.528	93	286327	24.945	ng	94
8) 2-Chlorophenol	6.651	128	334125	45.284	ng	93
9) Benzaldehyde	6.410	77	69494	11.494	ng	95
10) Phenol	6.516	94	398534	41.879	ng	98
11) bis(2-Chloroethyl)ether	6.598	93	306222	43.345	ng	95
12) 1,3-Dichlorobenzene	6.804	146	351052	44.531	ng	98
13) 1,4-Dichlorobenzene	6.881	146	361833	45.412	ng	95
14) 1,2-Dichlorobenzene	7.028	146	345056	47.926	ng	99
15) Benzyl Alcohol	7.004	79	282409	39.676	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	533307	44.532	ng	97
17) 2-Methylphenol	7.122	107	271917	41.579	ng	99
18) Hexachloroethane	7.369	117	135049	49.509	ng	98
19) n-Nitroso-di-n-propyla...	7.275	70	235279	40.577	ng	97
20) 3+4-Methylphenols	7.275	107	324620	38.157	ng	89
22) Acetophenone	7.269	105	459267	41.850	ng	95
24) Nitrobenzene	7.445	77	360106	40.710	ng	99
25) Isophorone	7.681	82	639170	39.632	ng	99
26) 2-Nitrophenol	7.757	139	183517	46.228	ng	99
27) 2,4-Dimethylphenol	7.798	122	290374	42.437	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	377872	40.539	ng	99
29) 2,4-Dichlorophenol	8.004	162	280820	41.875	ng	99
30) 1,2,4-Trichlorobenzene	8.081	180	292368	41.786	ng	98
31) Naphthalene	8.163	128	928080	39.812	ng	100
32) Benzoic acid	7.928	122	202054	46.821	ng	92
33) 4-Chloroaniline	8.216	127	90425	9.072	ng	98
34) Hexachlorobutadiene	8.275	225	179852	39.261	ng	99
35) Caprolactam	8.592	113	95443m	42.296	ng	
36) 4-Chloro-3-methylphenol	8.704	107	310819	40.210	ng	100
37) 2-Methylnaphthalene	8.857	142	621890	38.395	ng	100
38) 1-Methylnaphthalene	8.957	142	584238	39.199	ng	100
40) 1,2,4,5-Tetrachloroben...	9.022	216	291665	40.004	ng	99
41) Hexachlorocyclopentadiene	9.004	237	360596	110.985	ng	96
43) 2,4,6-Trichlorophenol	9.139	196	204341	41.941	ng	95

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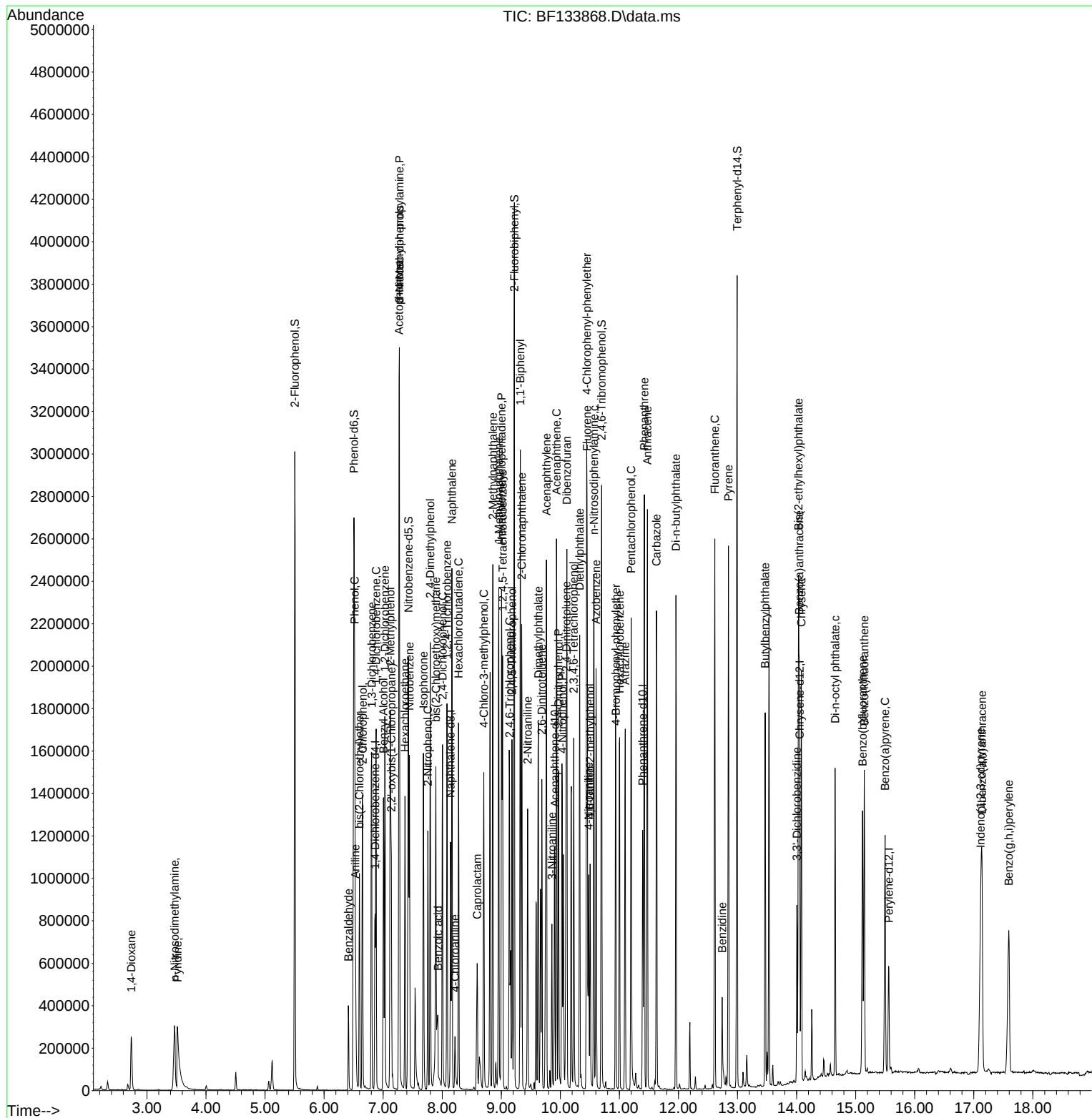
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	221355	39.053	ng	99
46) 1,1'-Biphenyl	9.322	154	799653	41.342	ng	99
47) 2-Chloronaphthalene	9.345	162	583160	42.031	ng	99
48) 2-Nitroaniline	9.445	65	207219	40.837	ng	97
49) Acenaphthylene	9.763	152	966073	40.005	ng	100
50) Dimethylphthalate	9.628	163	705736	39.424	ng	100
51) 2,6-Dinitrotoluene	9.686	165	157854	42.722	ng #	78
52) Acenaphthene	9.933	154	572244	40.484	ng	99
53) 3-Nitroaniline	9.857	138	102753	22.852	ng	93
54) 2,4-Dinitrophenol	9.969	184	178769	97.651	ng	89
55) Dibenzofuran	10.110	168	879270	40.766	ng	100
56) 4-Nitrophenol	10.033	139	256511	84.528	ng	94
57) 2,4-Dinitrotoluene	10.098	165	213278	45.386	ng	95
58) Fluorene	10.451	166	677588	41.080	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.228	232	188111	44.328	ng	100
60) Diethylphthalate	10.328	149	724811	39.783	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	322693	39.630	ng	97
62) 4-Nitroaniline	10.481	138	173903	39.445	ng	98
63) Azobenzene	10.604	77	700414	40.610	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	120607	52.259	ng	78
66) n-Nitrosodiphenylamine	10.569	169	608878	37.532	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	209004	38.772	ng #	89
68) Hexachlorobenzene	11.004	284	232507	41.016	ng #	92
69) Atrazine	11.098	200	191989	40.787	ng	98
70) Pentachlorophenol	11.198	266	238555	70.279	ng	99
71) Phenanthrene	11.422	178	988865	40.356	ng	99
72) Anthracene	11.475	178	1008898	39.488	ng	100
73) Carbazole	11.628	167	950210	39.931	ng	99
74) Di-n-butylphthalate	11.957	149	1144922	37.531	ng	99
75) Fluoranthene	12.616	202	1029019	39.546	ng	99
77) Benzidine	12.739	184	207105	24.987	ng	100
78) Pyrene	12.845	202	1023761	44.493	ng	100
80) Butylbenzylphthalate	13.469	149	384287	39.561	ng	99
81) Benzo(a)anthracene	14.045	228	695082	40.683	ng	98
82) 3,3'-Dichlorobenzidine	14.004	252	178158	31.365	ng #	99
83) Chrysene	14.080	228	657124	40.664	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	482598	40.349	ng	99
85) Di-n-octyl phthalate	14.651	149	670685	39.460	ng	99
87) Indeno(1,2,3-cd)pyrene	17.115	276	766154	45.335	ng	99
88) Benzo(b)fluoranthene	15.116	252	618802	41.469	ng	99
89) Benzo(k)fluoranthene	15.145	252	614968	42.307	ng	98
90) Benzo(a)pyrene	15.498	252	574512	41.485	ng	98
91) Dibenzo(a,h)anthracene	17.139	278	626269	44.761	ng	99
92) Benzo(g,h,i)perylene	17.592	276	628346	45.296	ng	98

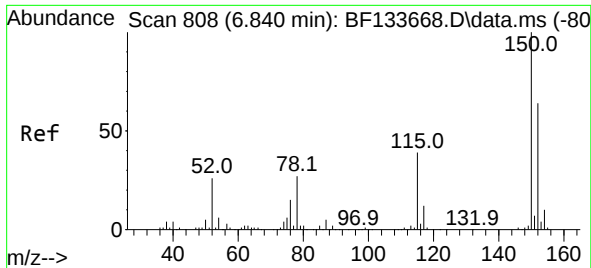
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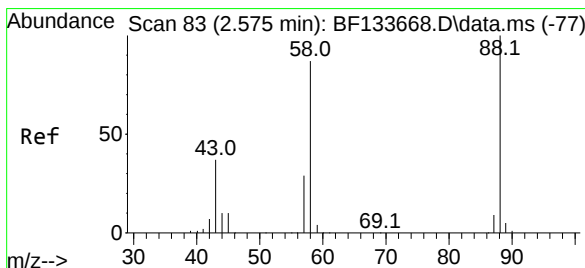
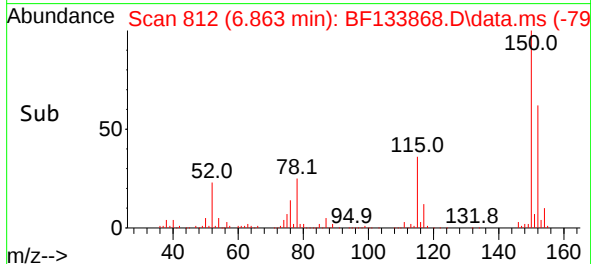
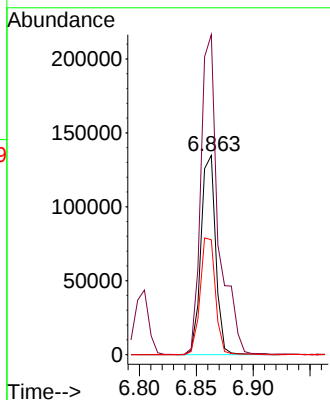
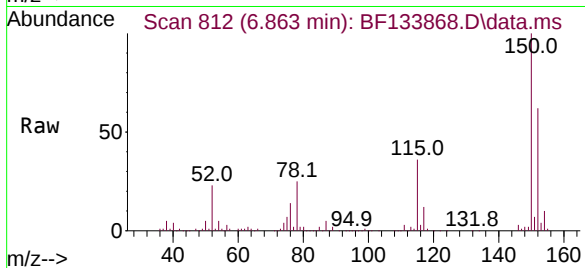




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF133868.D
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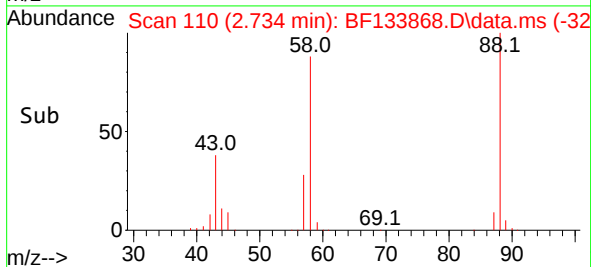
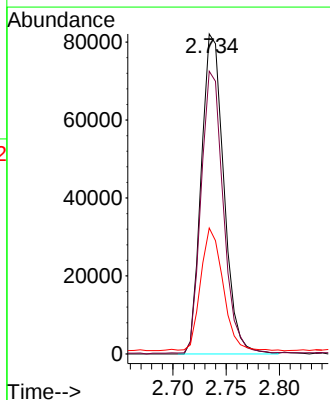
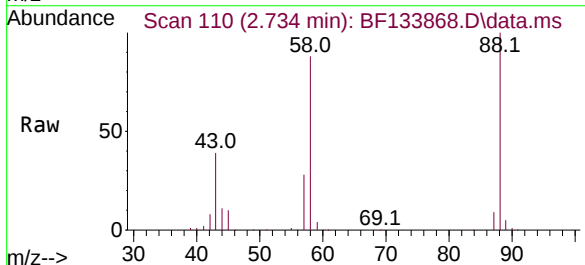
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BNA_F
ClientSampleId :
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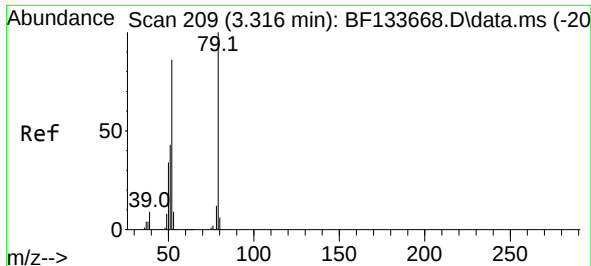
Tgt Ion:152 Resp: 121887
Ion Ratio Lower Upper
152 100
150 160.7 124.3 186.5
115 57.7 48.5 72.7



#2
1,4-Dioxane
Concen: 39.279 ng
RT: 2.734 min Scan# 110
Delta R.T. 0.106 min
Lab File: BF133868.D
Acq: 21 Jun 2023 13:36

Tgt Ion: 88 Resp: 120905
Ion Ratio Lower Upper
88 100
58 88.0 67.8 101.6
43 38.1 29.8 44.6

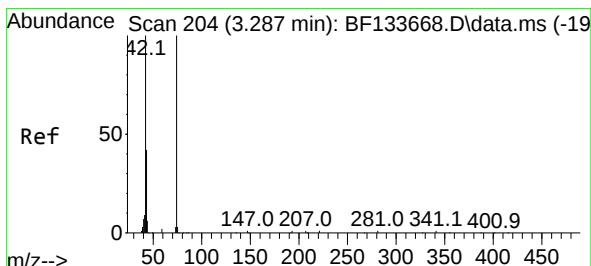
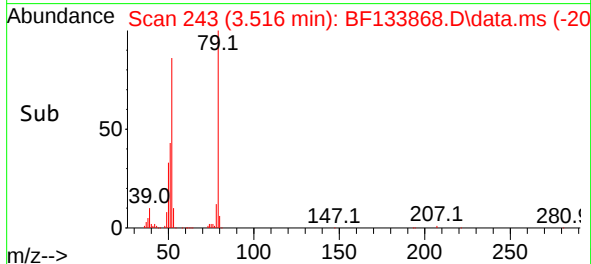
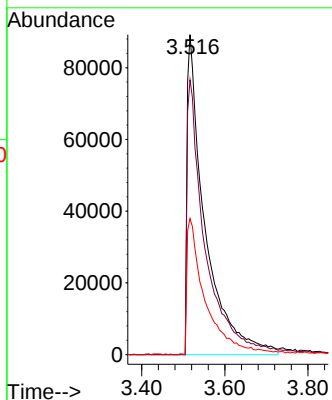
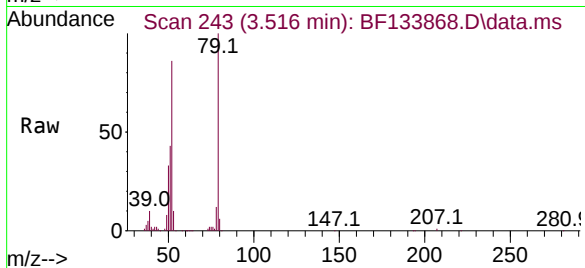




#3
Pyridine
Concen: 29.557 ng
RT: 3.516 min Scan# 24
Delta R.T. 0.106 min
Lab File: BF133868.D
Acq: 21 Jun 2023 13:36

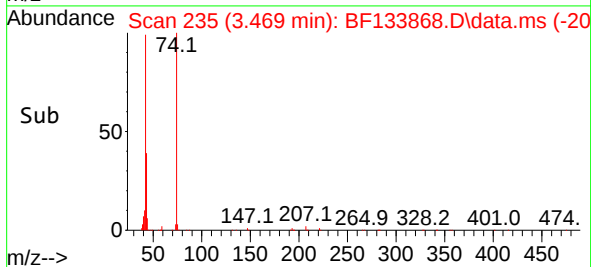
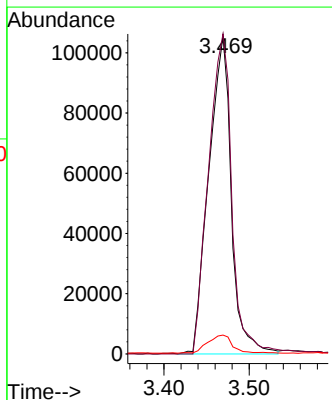
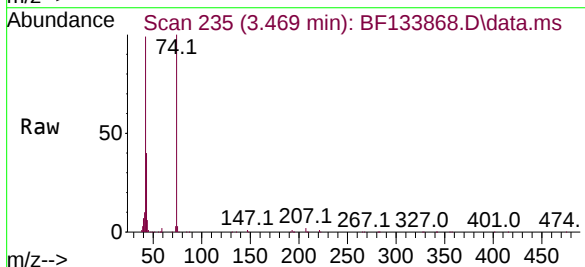
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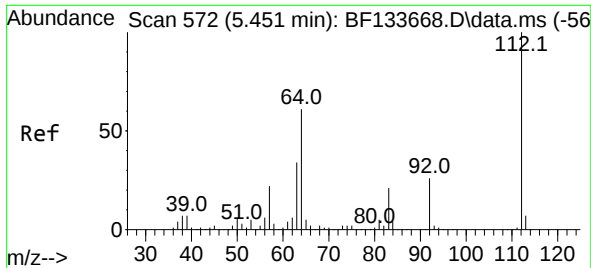
Tgt Ion: 79 Resp: 265171
Ion Ratio Lower Upper
79 100
52 85.9 68.6 102.8
51 42.5 34.8 52.2



#4
n-Nitrosodimethylamine
Concen: 39.075 ng
RT: 3.469 min Scan# 235
Delta R.T. 0.094 min
Lab File: BF133868.D
Acq: 21 Jun 2023 13:36

Tgt Ion: 42 Resp: 193780
Ion Ratio Lower Upper
42 100
74 100.7 79.8 119.8
44 5.9 4.7 7.1

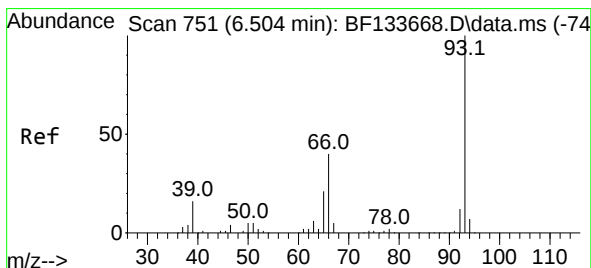
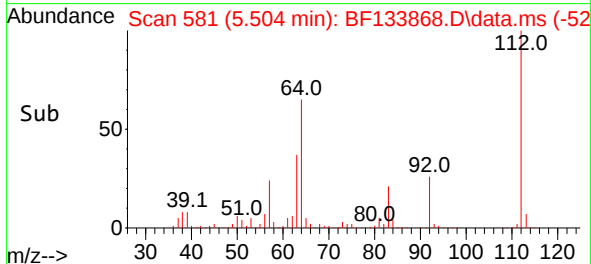
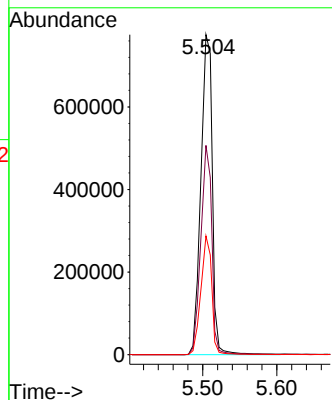
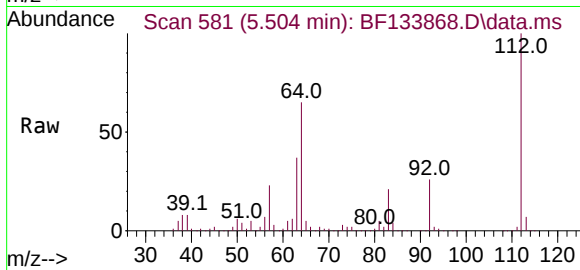




#5
2-Fluorophenol
Concen: 119.073 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.018 min
Lab File: BF133868.D
Acq: 21 Jun 2023 13:36

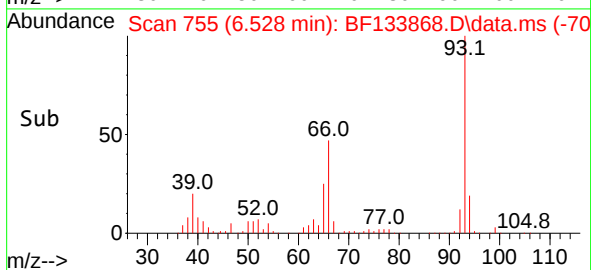
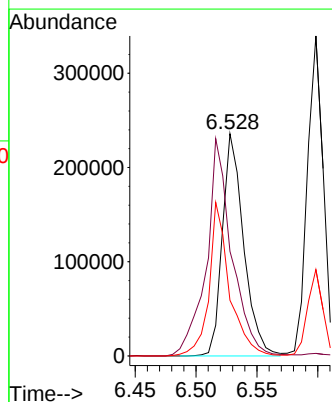
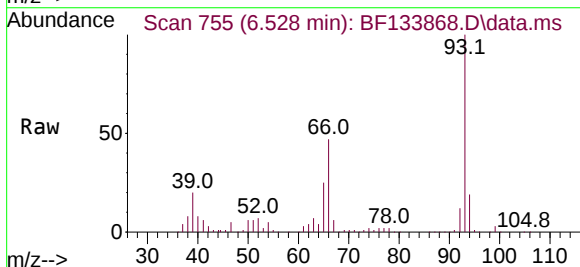
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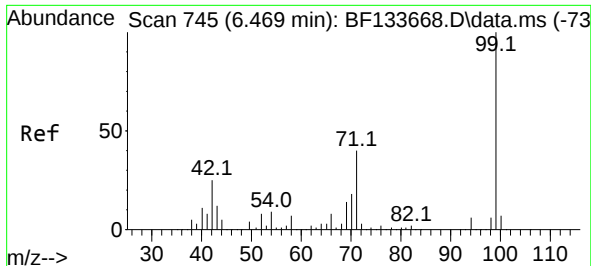
Tgt Ion:112 Resp: 833672
Ion Ratio Lower Upper
112 100
64 65.4 49.0 73.4
63 37.1 26.8 40.2



#6
Aniline
Concen: 24.945 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.000 min
Lab File: BF133868.D
Acq: 21 Jun 2023 13:36

Tgt Ion: 93 Resp: 286327
Ion Ratio Lower Upper
93 100
66 47.1 34.4 51.6
65 25.0 17.5 26.3

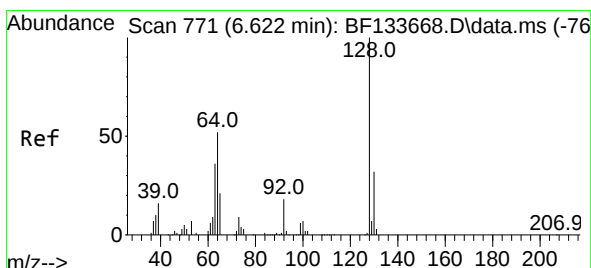
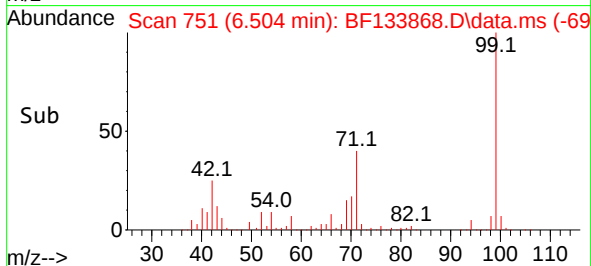
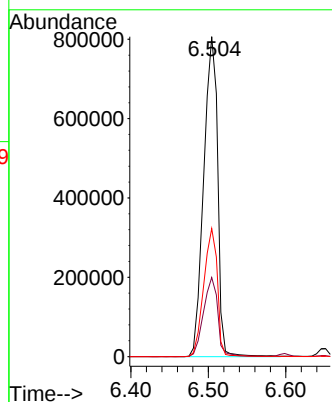
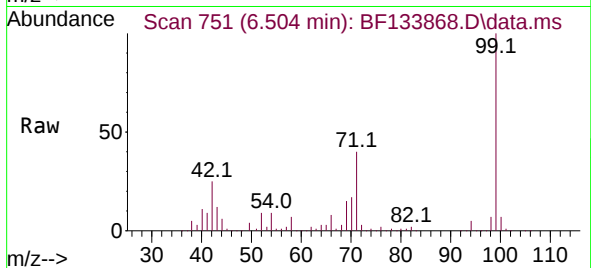




#7
Phenol-d6
Concen: 110.508 ng
RT: 6.504 min Scan# 745
Delta R.T. 0.012 min
Lab File: BF133868.D
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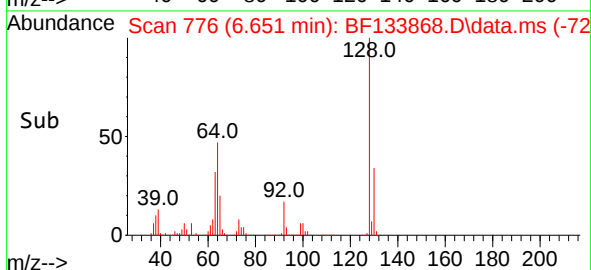
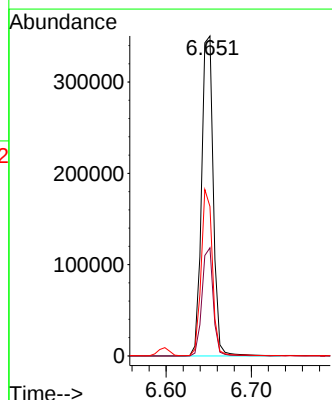
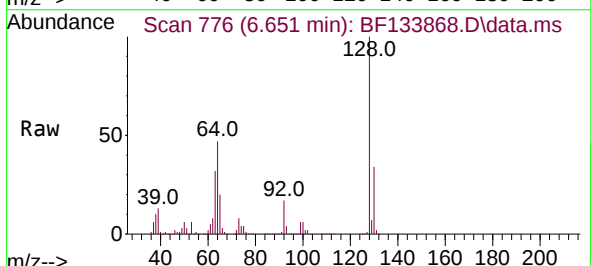
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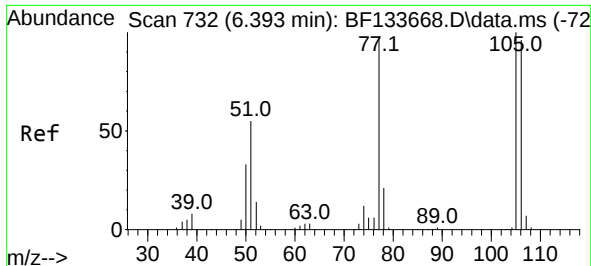
Tgt Ion: 99 Resp: 1007110
Ion Ratio Lower Upper
99 100
42 24.8 19.9 29.9
71 40.0 32.2 48.4



#8
2-Chlorophenol
Concen: 45.284 ng
RT: 6.651 min Scan# 776
Delta R.T. 0.006 min
Lab File: BF133868.D
Acq: 21 Jun 2023 13:36

Tgt Ion: 128 Resp: 334125
Ion Ratio Lower Upper
128 100
130 33.8 12.3 52.3
64 46.7 33.1 73.1





#9

Benzaldehyde

Concen: 11.494 ng

RT: 6.410 min Scan# 732

Delta R.T. -0.006 min

Lab File: BF133868.D

Acq: 21 Jun 2023 13:36

Instrument :

BNA_F

ClientSampleId :

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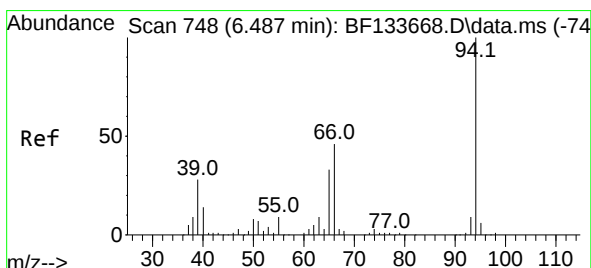
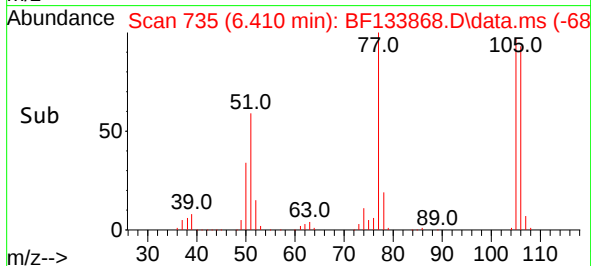
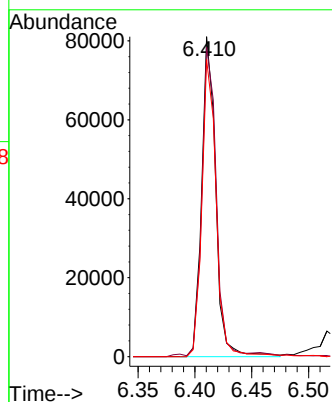
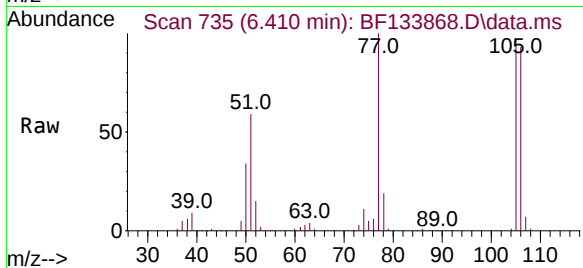
Tgt Ion: 77 Resp: 69494

Ion Ratio Lower Upper

77 100

105 96.7 82.0 122.0

106 92.8 77.6 117.6



#10

Phenol

Concen: 41.879 ng

RT: 6.516 min Scan# 753

Delta R.T. 0.006 min

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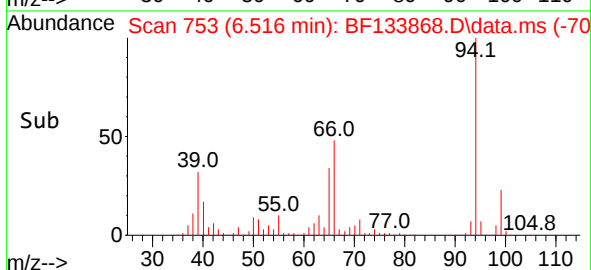
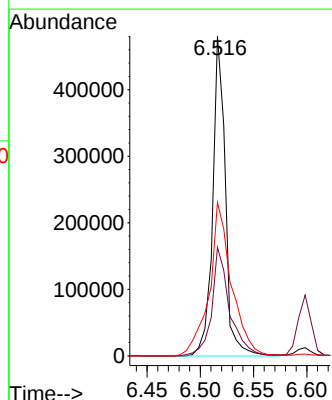
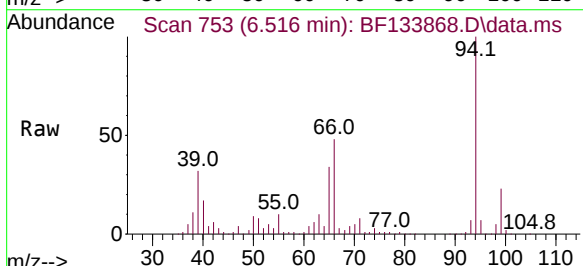
Tgt Ion: 94 Resp: 398534

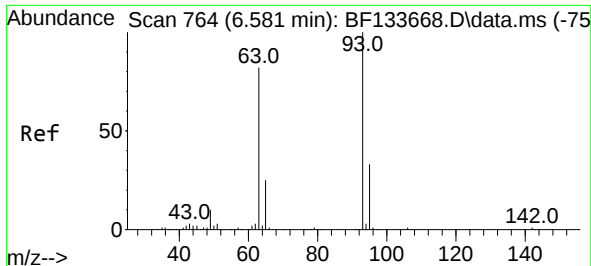
Ion Ratio Lower Upper

94 100

65 33.9 13.2 53.2

66 48.0 26.1 66.1

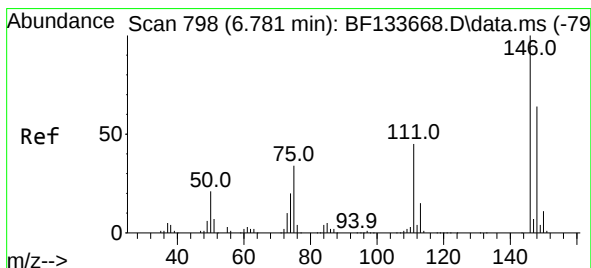
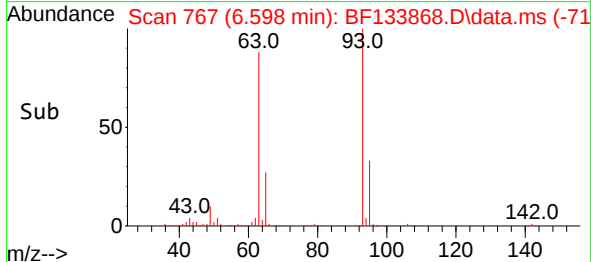
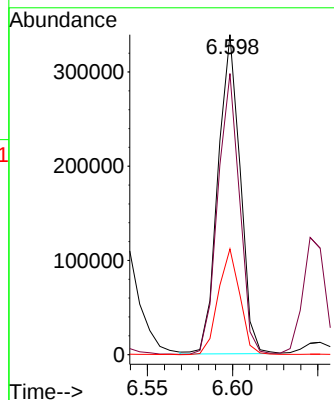
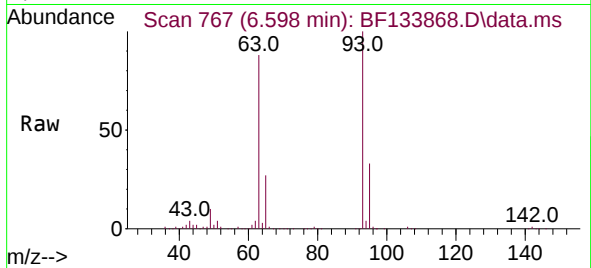




#11
bis(2-Chloroethyl)ether
Concen: 43.345 ng
RT: 6.598 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF133868.D
Acq: 21 Jun 2023 13:36

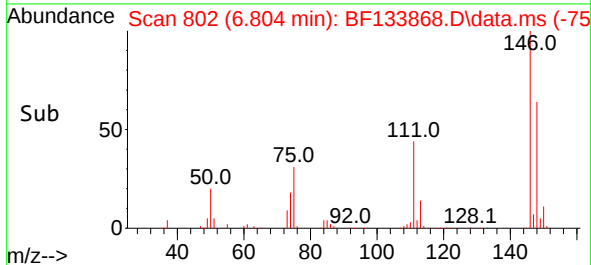
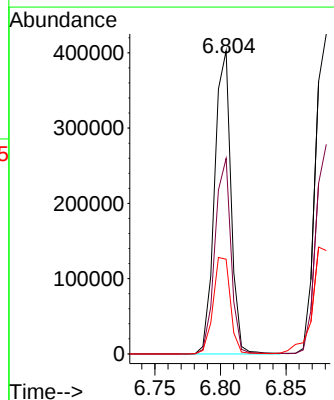
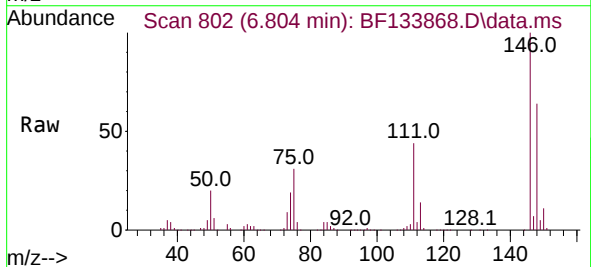
Instrument :
BNA_F
ClientSampleId :
PB153548BS

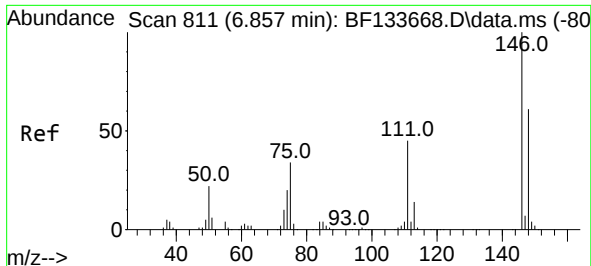
Tgt Ion: 93 Resp: 306222
Ion Ratio Lower Upper
93 100
63 87.8 62.1 102.1
95 33.0 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 44.531 ng
RT: 6.804 min Scan# 802
Delta R.T. 0.006 min
Lab File: BF133868.D
Acq: 21 Jun 2023 13:36

Tgt Ion: 146 Resp: 351052
Ion Ratio Lower Upper
146 100
148 64.5 50.9 76.3
75 31.2 27.1 40.7





#13

1,4-Dichlorobenzene

Concen: 45.412 ng

RT: 6.881 min Scan# 811

Delta R.T. 0.006 min

Lab File: BF133868.D

Acq: 21 Jun 2023 13:36

Instrument :

BNA_F

ClientSampleId :

PB153548BS

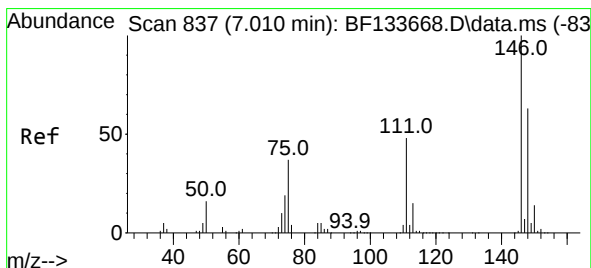
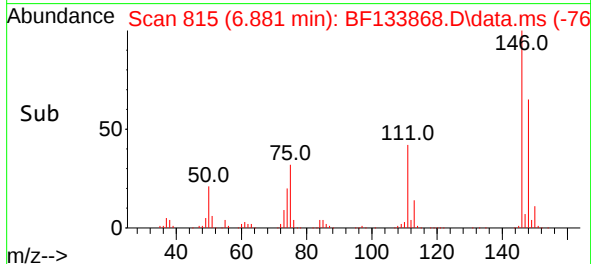
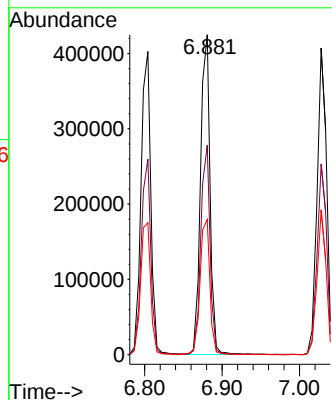
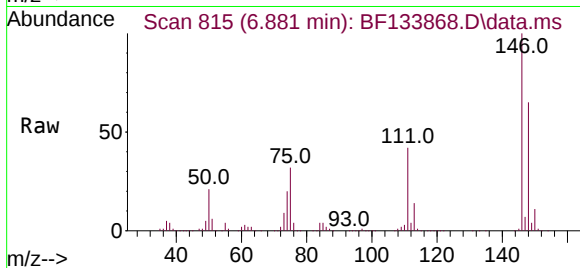
Tgt Ion:146 Resp: 361833

Ion Ratio Lower Upper

146 100

148 65.5 48.9 73.3

111 42.2 35.8 53.6



#14

1,2-Dichlorobenzene

Concen: 47.926 ng

RT: 7.028 min Scan# 840

Delta R.T. 0.000 min

Lab File: BF133868.D

Acq: 21 Jun 2023 13:36

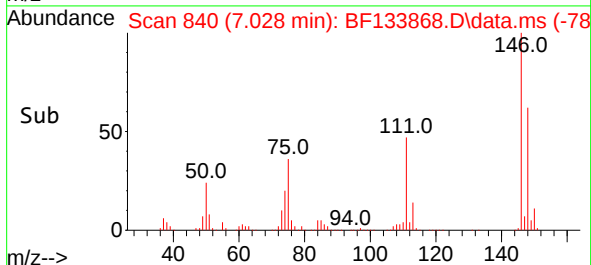
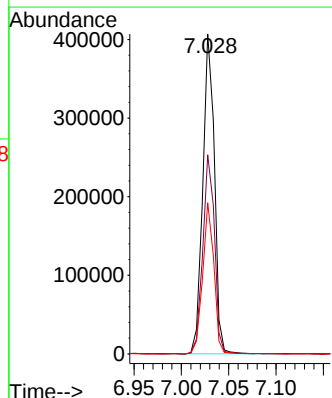
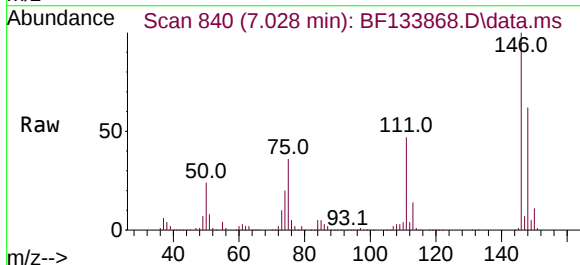
Tgt Ion:146 Resp: 345056

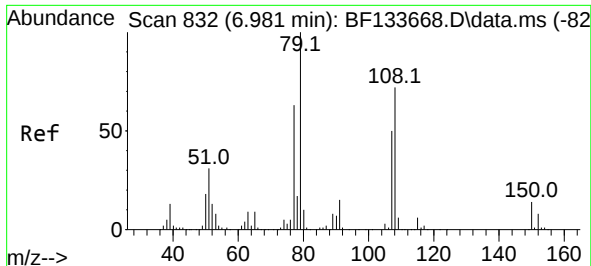
Ion Ratio Lower Upper

146 100

148 62.2 50.6 75.8

111 47.2 38.7 58.1

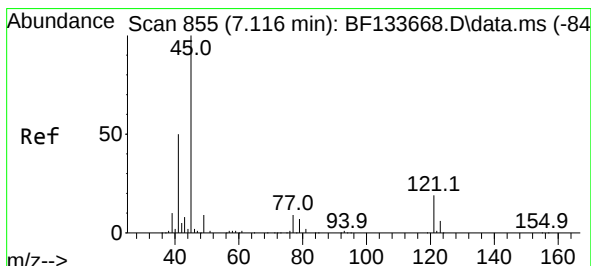
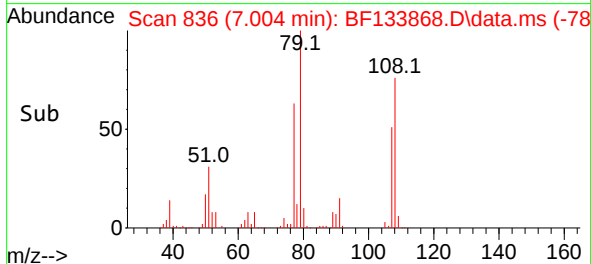
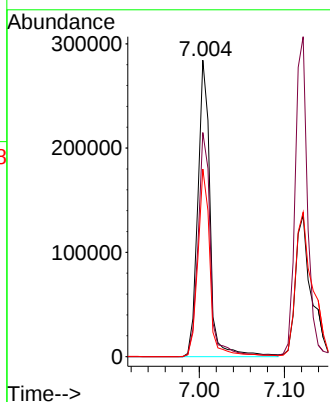
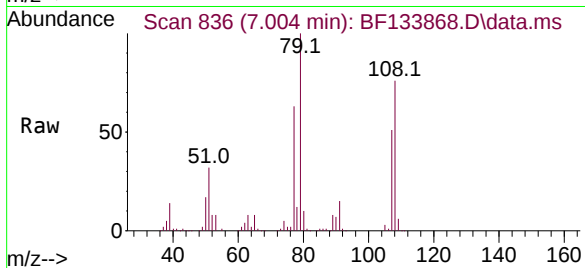




#15
Benzyl Alcohol
Concen: 39.676 ng
RT: 7.004 min Scan# 831
Delta R.T. 0.006 min
Lab File: BF133868.D
Acq: 21 Jun 2023 13:36

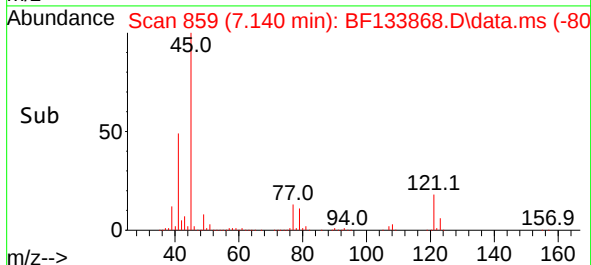
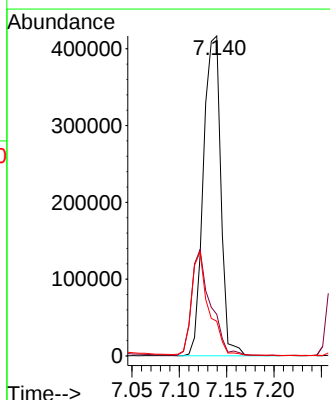
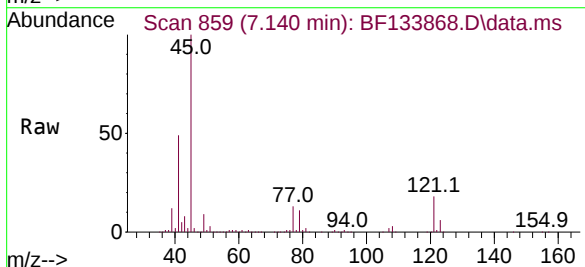
Instrument :
BNA_F
ClientSampleId :
PB153548BS

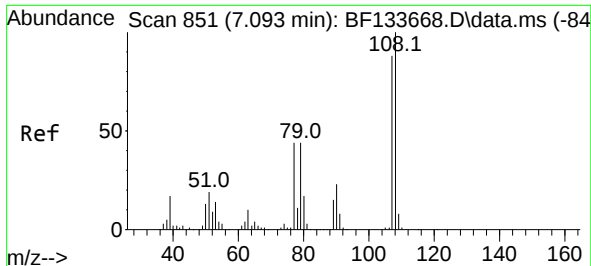
Tgt Ion: 79 Resp: 282409
Ion Ratio Lower Upper
79 100
108 75.6 57.9 86.9
77 63.3 50.4 75.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.532 ng
RT: 7.140 min Scan# 859
Delta R.T. 0.006 min
Lab File: BF133868.D
Acq: 21 Jun 2023 13:36

Tgt Ion: 45 Resp: 533307
Ion Ratio Lower Upper
45 100
77 13.0 0.0 32.3
79 10.8 0.0 29.4

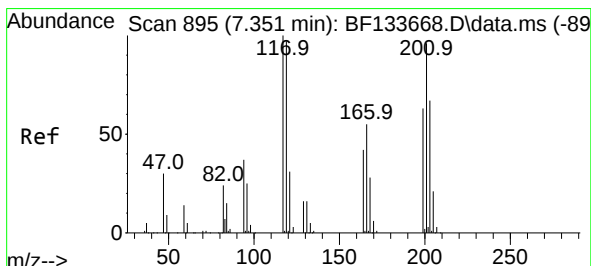
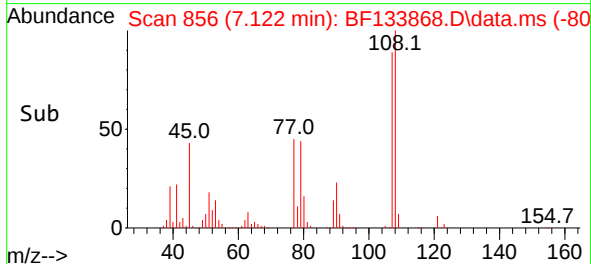
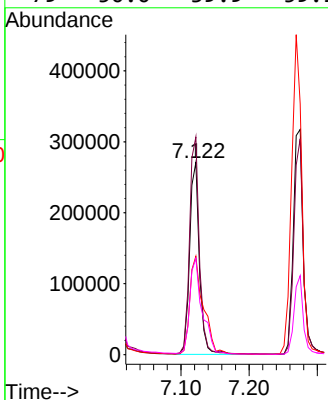
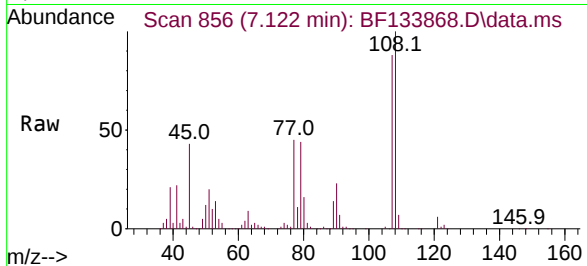




#17
2-Methylphenol
Concen: 41.579 ng
RT: 7.122 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF133868.D
Acq: 21 Jun 2023 13:36

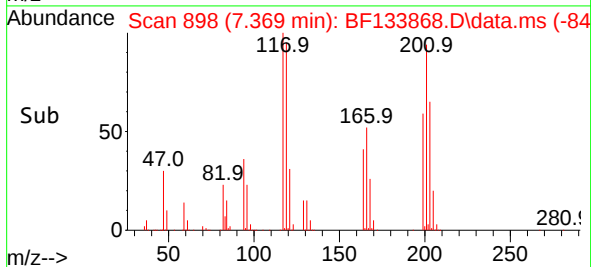
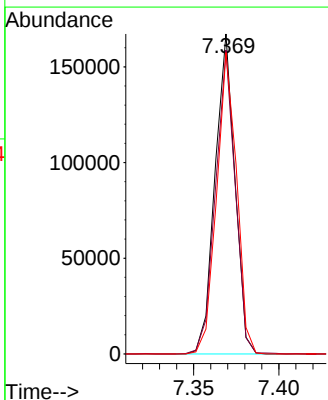
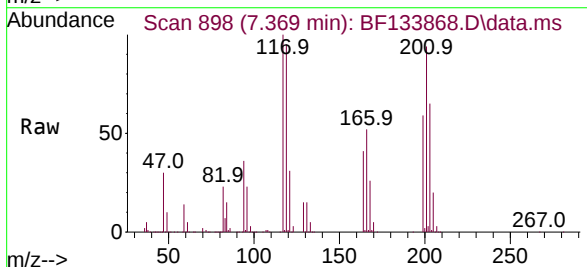
Instrument :
BNA_F
ClientSampleId :
PB153548BS

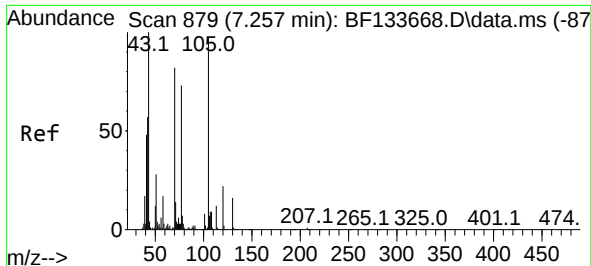
Tgt Ion:107 Resp: 271917
Ion Ratio Lower Upper
107 100
108 113.3 90.9 136.3
77 51.1 39.8 59.6
79 50.0 39.9 59.9



#18
Hexachloroethane
Concen: 49.509 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.000 min
Lab File: BF133868.D
Acq: 21 Jun 2023 13:36

Tgt Ion:117 Resp: 135049
Ion Ratio Lower Upper
117 100
119 95.0 77.3 115.9
201 94.2 76.8 115.2

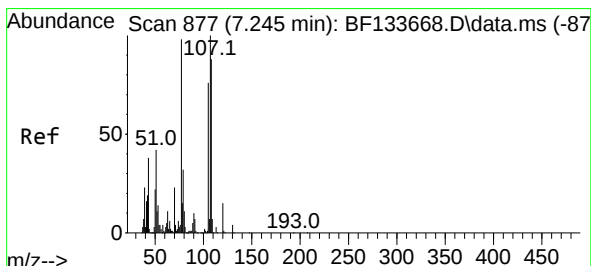
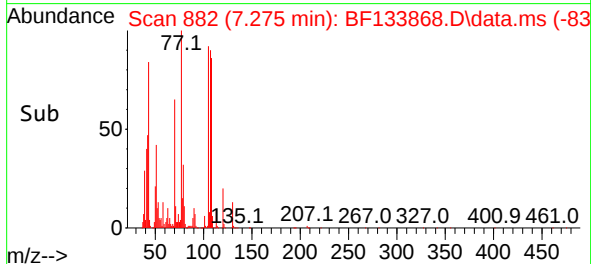
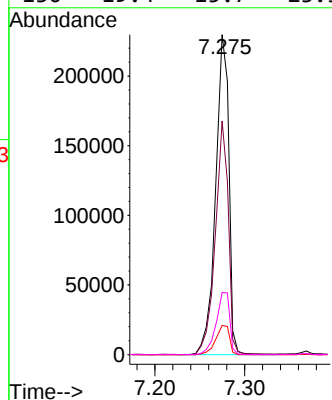
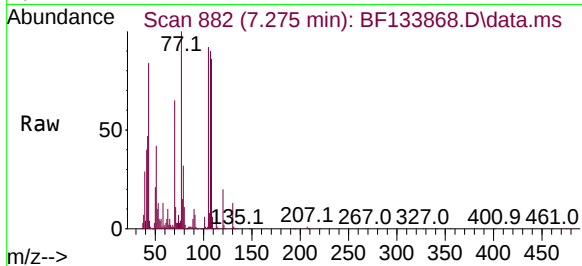




#19
n-Nitroso-di-n-propylamine
Concen: 40.577 ng
RT: 7.275 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF133868.D
Acq: 21 Jun 2023 13:36

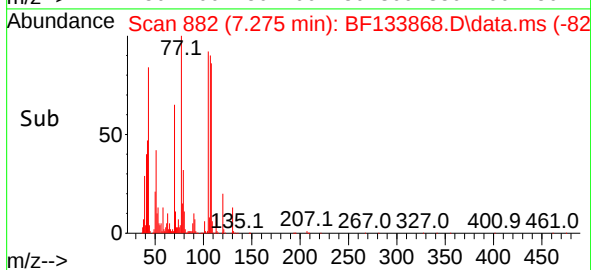
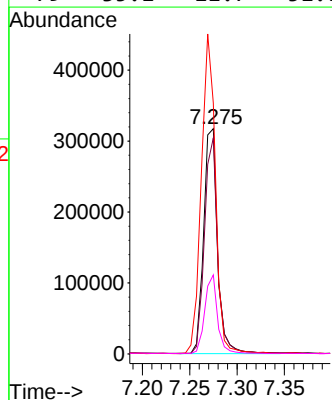
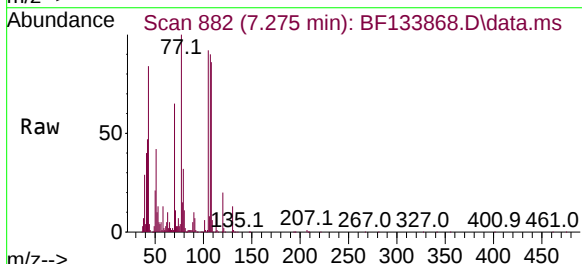
Instrument :
BNA_F
ClientSampleId :
PB153548BS

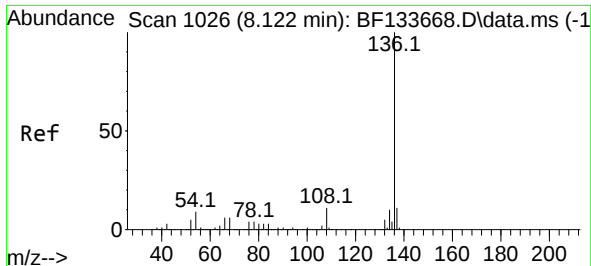
Tgt Ion:	70	Resp:	235279
Ion	Ratio	Lower	Upper
70	100		
42	73.0	55.8	83.8
101	9.1	8.1	12.1
130	19.4	15.7	23.5



#20
3+4-Methylphenols
Concen: 38.157 ng
RT: 7.275 min Scan# 882
Delta R.T. 0.012 min
Lab File: BF133868.D
Acq: 21 Jun 2023 13:36

Tgt Ion:	107	Resp:	324620
Ion	Ratio	Lower	Upper
107	100		
108	95.8	67.9	107.9
77	111.3	77.7	117.7
79	35.1	11.7	51.7



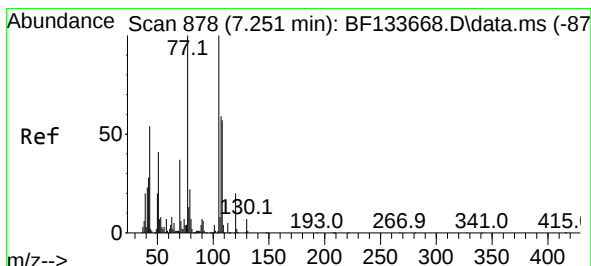
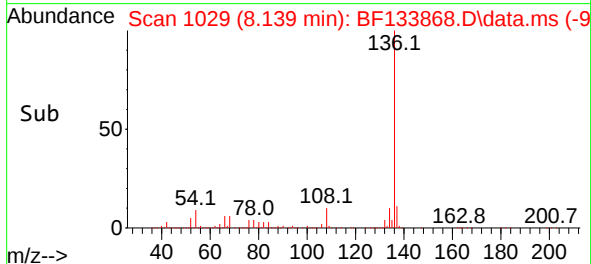
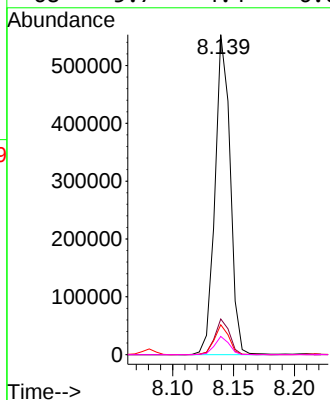
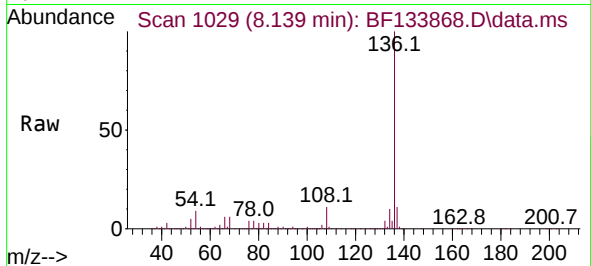


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF133868.D
Acq: 21 Jun 2023 13:36

Instrument :
BNA_F
ClientSampleId :
PB153548BS

Tgt Ion:136 Resp: 478478

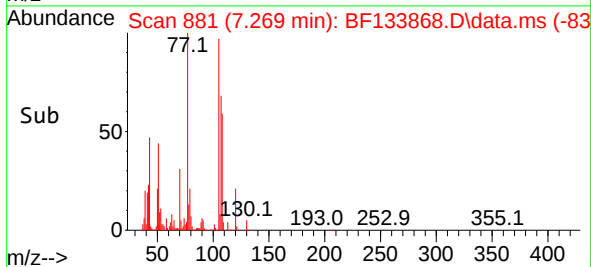
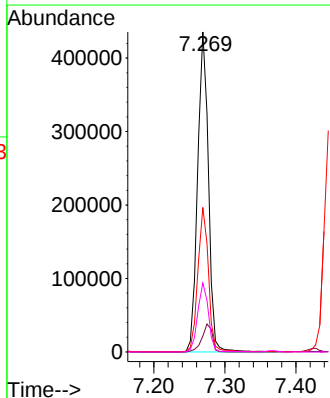
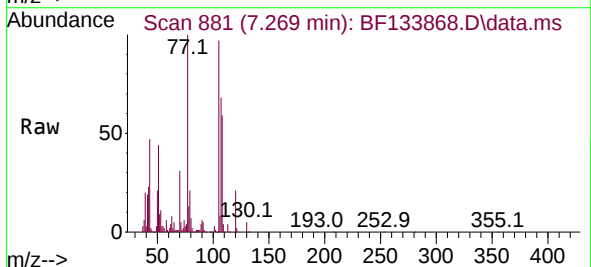
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	9.3	7.4	11.0
68	5.7	4.4	6.6

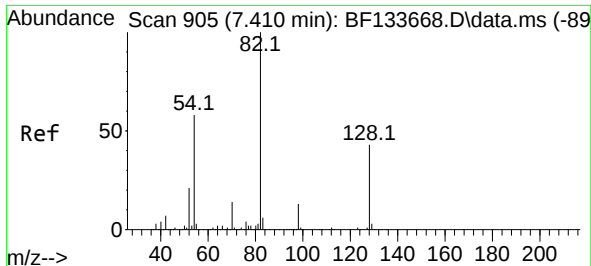


#22
Acetophenone
Concen: 41.850 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF133868.D
Acq: 21 Jun 2023 13:36

Tgt Ion:105 Resp: 459267

Ion	Ratio	Lower	Upper
105	100		
71	4.9	4.8	7.2
51	45.2	33.0	49.4
120	21.5	16.2	24.4





#23

Nitrobenzene-d5

Concen: 77.017 ng

RT: 7.428 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF133868.D

Acq: 21 Jun 2023 13:36

Instrument :

BNA_F

ClientSampleId :

PB153548BS

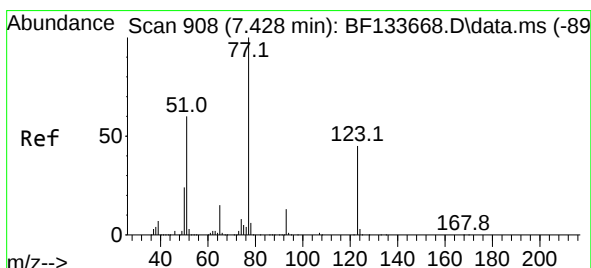
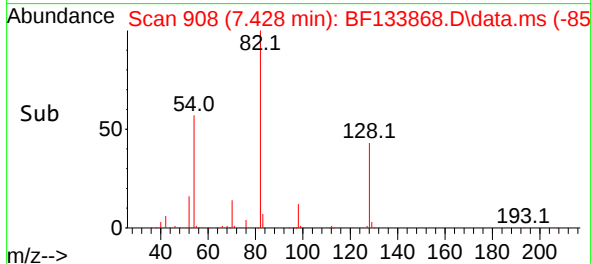
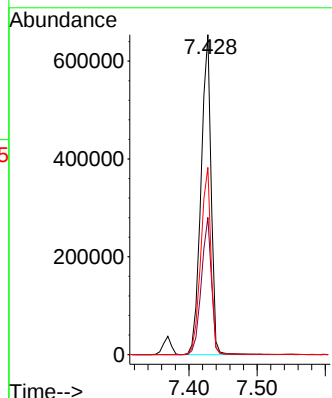
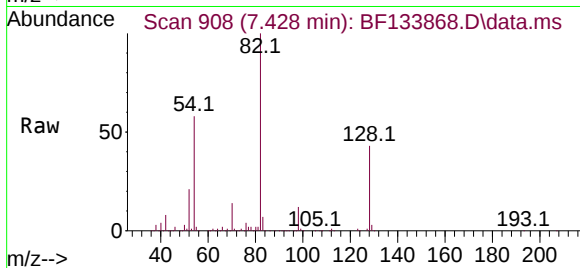
Tgt Ion: 82 Resp: 676579

Ion Ratio Lower Upper

82 100

128 42.9 34.2 51.2

54 58.5 46.5 69.7



#24

Nitrobenzene

Concen: 40.710 ng

RT: 7.445 min Scan# 911

Delta R.T. 0.006 min

Lab File: BF133868.D

Acq: 21 Jun 2023 13:36

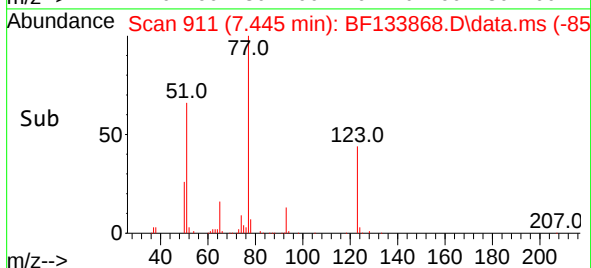
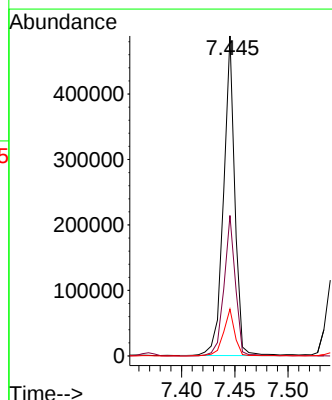
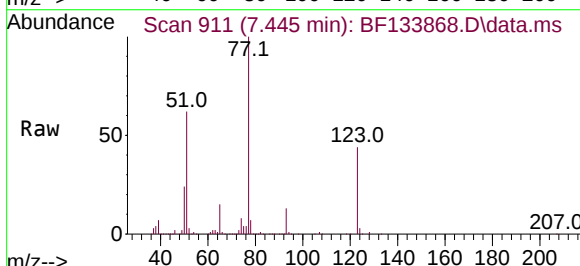
Tgt Ion: 77 Resp: 360106

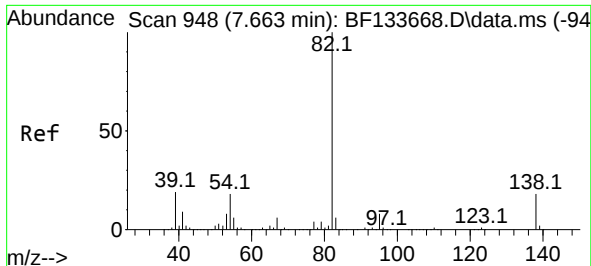
Ion Ratio Lower Upper

77 100

123 43.9 35.8 53.8

65 14.6 11.6 17.4

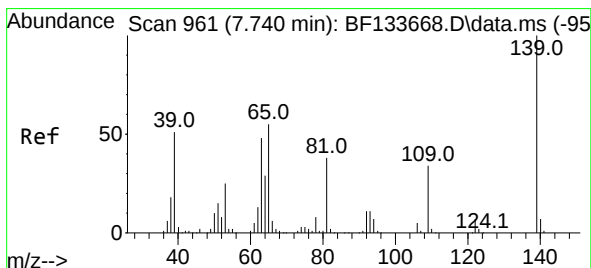
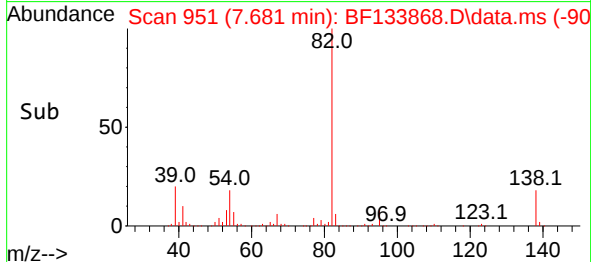
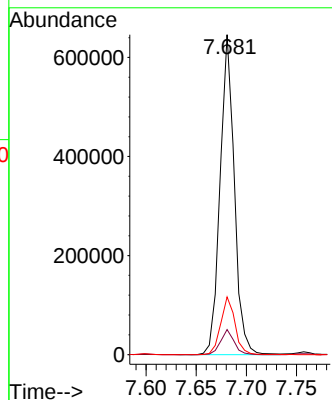
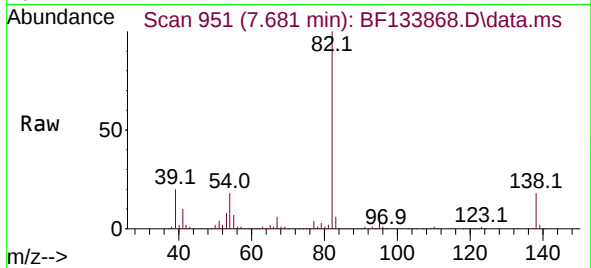




#25
Isophorone
Concen: 39.632 ng
RT: 7.681 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133868.D
Acq: 21 Jun 2023 13:36

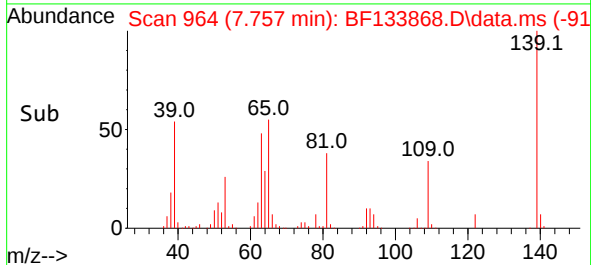
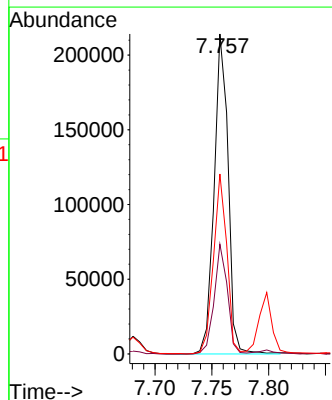
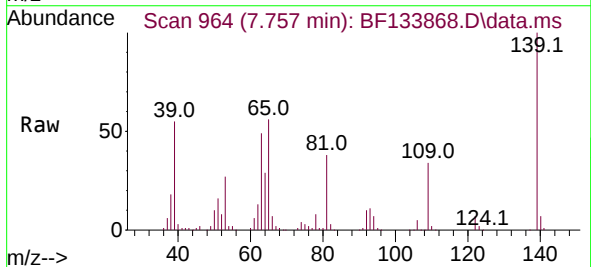
Instrument :
BNA_F
ClientSampleId :
PB153548BS

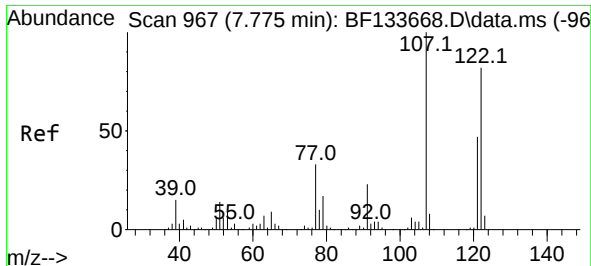
Tgt Ion: 82 Resp: 639170
Ion Ratio Lower Upper
82 100
95 7.8 6.0 9.0
138 18.0 14.2 21.2



#26
2-Nitrophenol
Concen: 46.228 ng
RT: 7.757 min Scan# 964
Delta R.T. 0.000 min
Lab File: BF133868.D
Acq: 21 Jun 2023 13:36

Tgt Ion:139 Resp: 183517
Ion Ratio Lower Upper
139 100
109 34.3 27.0 40.6
65 56.2 44.2 66.4





#27

2,4-Dimethylphenol

Concen: 42.437 ng

RT: 7.798 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF133868.D

Acq: 21 Jun 2023 13:36

Instrument :

BNA_F

ClientSampleId :

PB153548BS

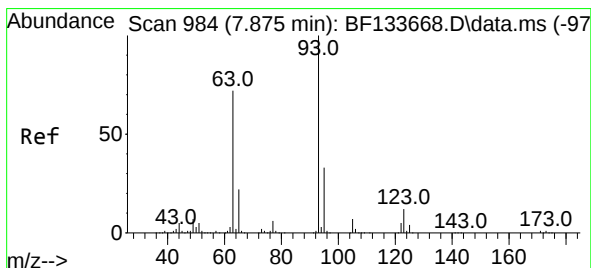
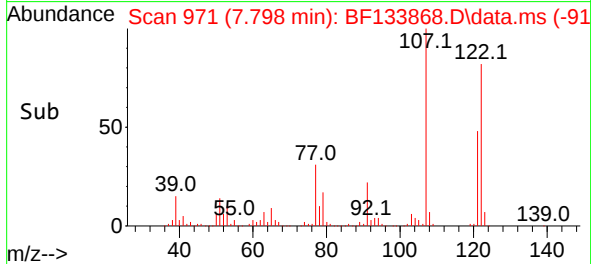
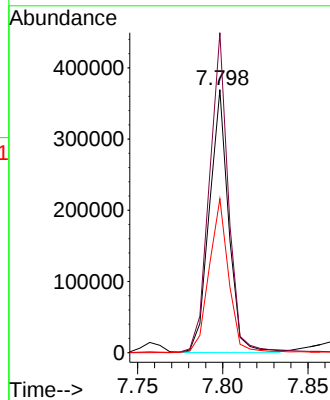
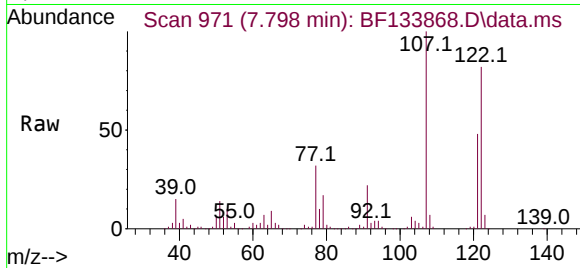
Tgt Ion:122 Resp: 290374

Ion Ratio Lower Upper

122 100

107 121.7 97.8 146.6

121 58.5 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 40.539 ng

RT: 7.892 min Scan# 987

Delta R.T. 0.006 min

Lab File: BF133868.D

Acq: 21 Jun 2023 13:36

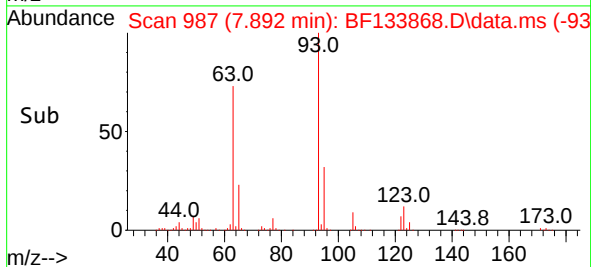
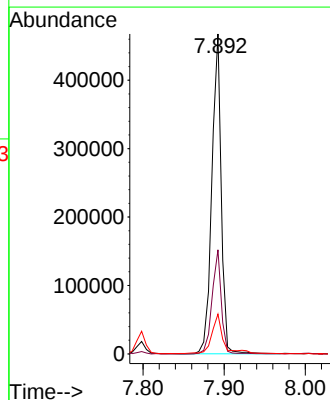
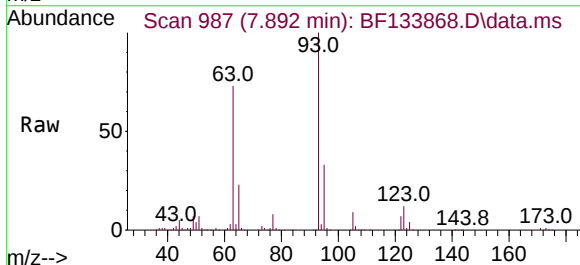
Tgt Ion: 93 Resp: 377872

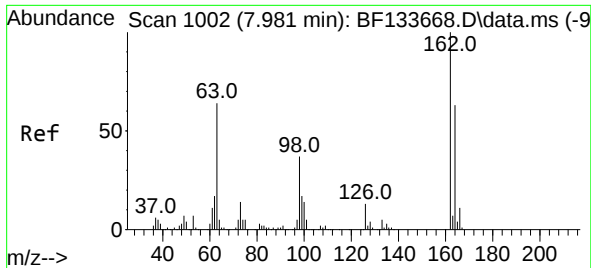
Ion Ratio Lower Upper

93 100

95 32.5 26.4 39.6

123 12.4 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 41.875 ng

RT: 8.004 min Scan# 1006

Delta R.T. 0.006 min

Lab File: BF133868.D

Acq: 21 Jun 2023 13:36

Instrument :

BNA_F

ClientSampleId :

PB153548BS

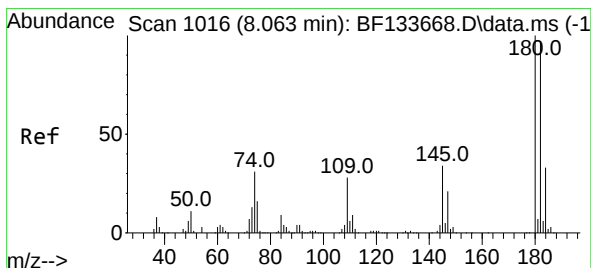
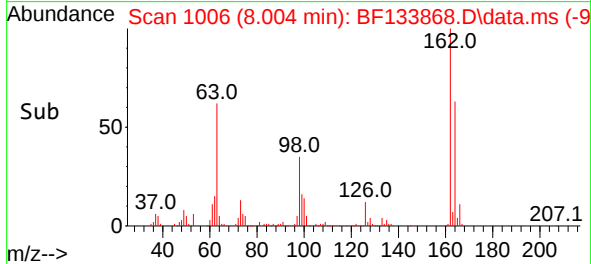
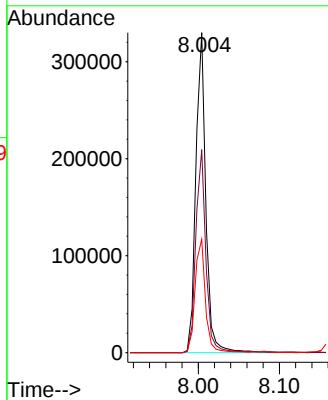
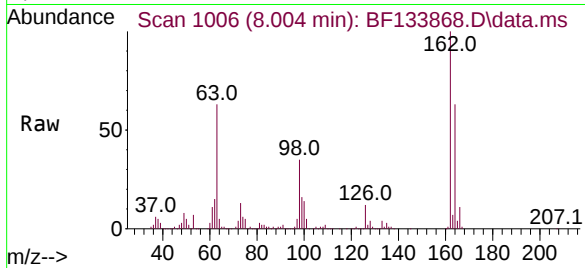
Tgt Ion:162 Resp: 280820

Ion Ratio Lower Upper

162 100

164 63.4 43.4 83.4

98 35.4 17.4 57.4



#30

1,2,4-Trichlorobenzene

Concen: 41.786 ng

RT: 8.081 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF133868.D

Acq: 21 Jun 2023 13:36

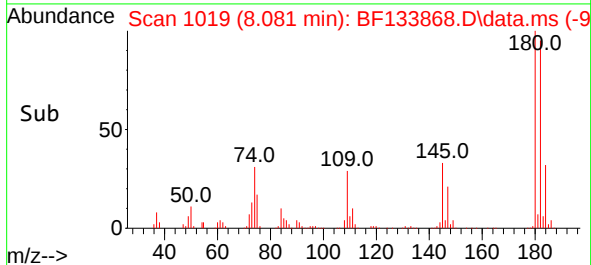
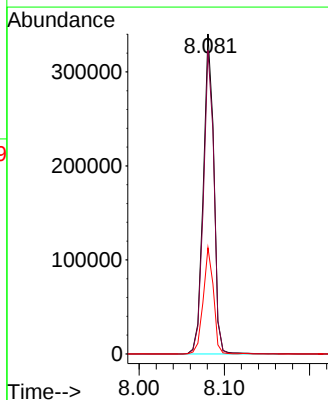
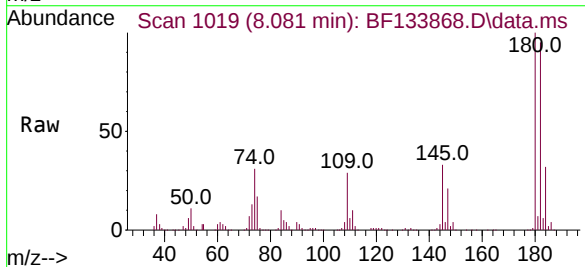
Tgt Ion:180 Resp: 292368

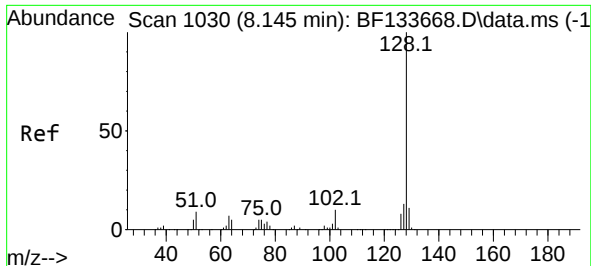
Ion Ratio Lower Upper

180 100

182 94.9 77.8 116.8

145 33.2 27.0 40.4

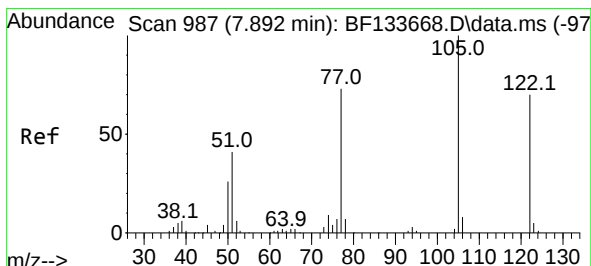
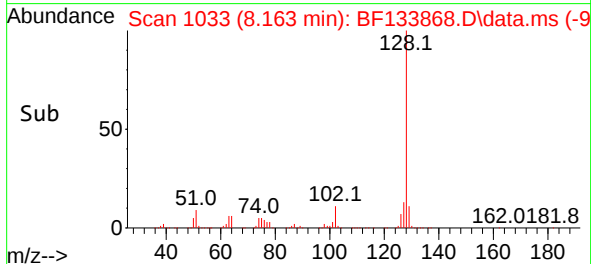
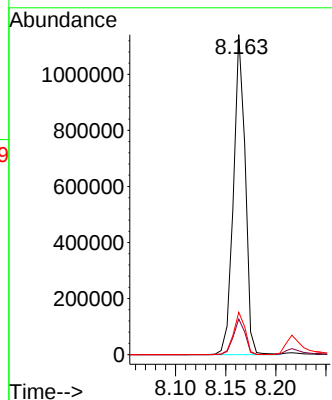
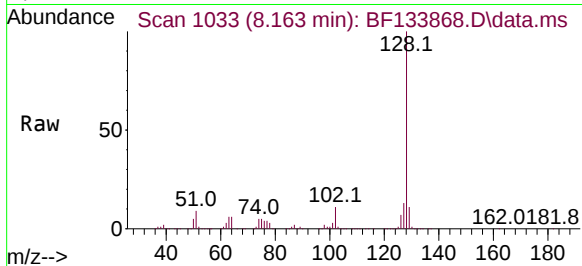




#31
Naphthalene
Concen: 39.812 ng
RT: 8.163 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF133868.D
Acq: 21 Jun 2023 13:36

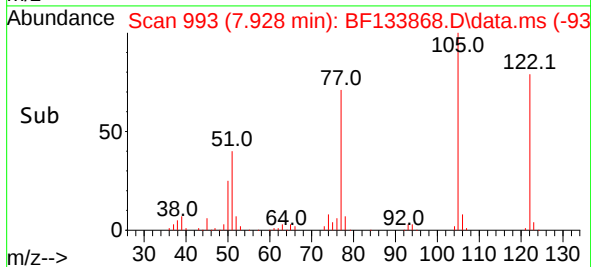
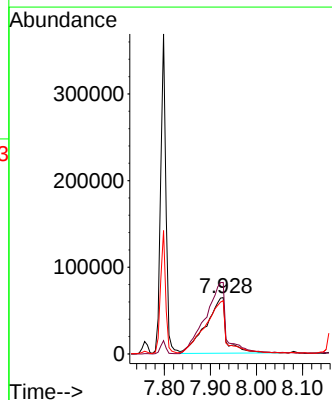
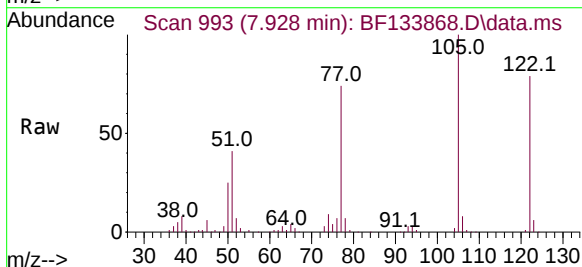
Instrument :
BNA_F
ClientSampleId :
PB153548BS

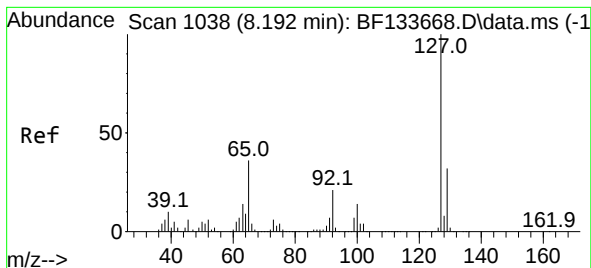
Tgt Ion:128 Resp: 928080
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.2 10.5 15.7



#32
Benzoic acid
Concen: 46.821 ng
RT: 7.928 min Scan# 993
Delta R.T. 0.024 min
Lab File: BF133868.D
Acq: 21 Jun 2023 13:36

Tgt Ion:122 Resp: 202054
Ion Ratio Lower Upper
122 100
105 127.2 116.3 156.3
77 94.7 82.4 122.4





#33

4-Chloroaniline

Concen: 9.072 ng

RT: 8.216 min Scan# 1042

Delta R.T. 0.006 min

Lab File: BF133868.D

Acq: 21 Jun 2023 13:36

Instrument :

BNA_F

ClientSampleId :

PB153548BS

Tgt Ion:127 Resp: 90425

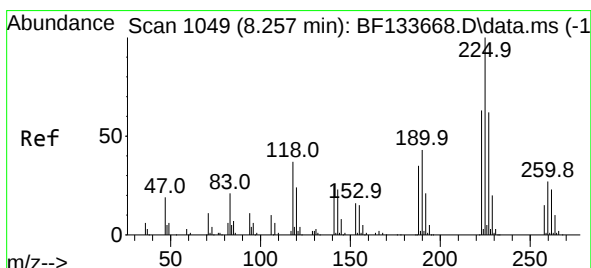
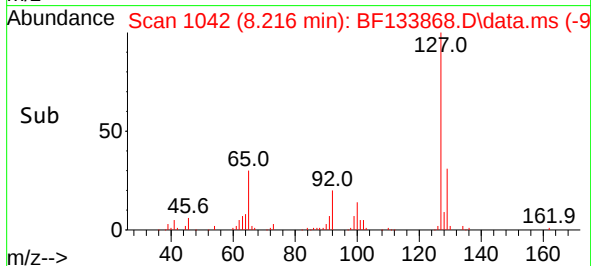
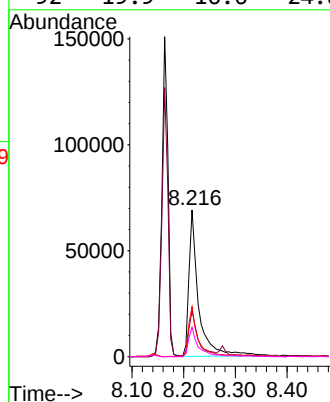
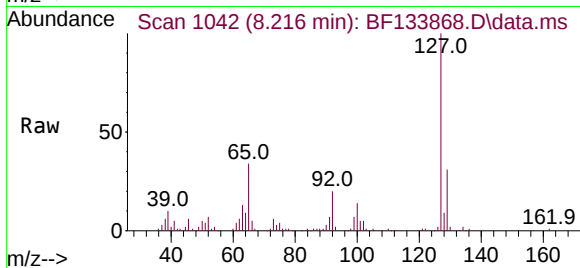
Ion Ratio Lower Upper

127 100

129 31.3 25.6 38.4

65 33.9 28.9 43.3

92 19.9 16.6 24.8



#34

Hexachlorobutadiene

Concen: 39.261 ng

RT: 8.275 min Scan# 1052

Delta R.T. 0.000 min

Lab File: BF133868.D

Acq: 21 Jun 2023 13:36

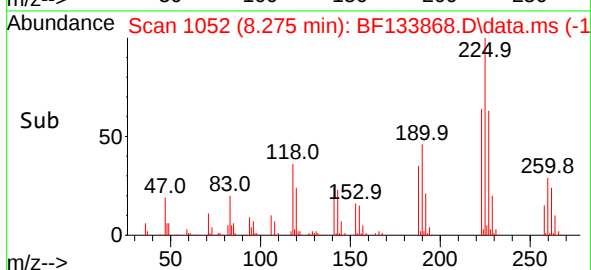
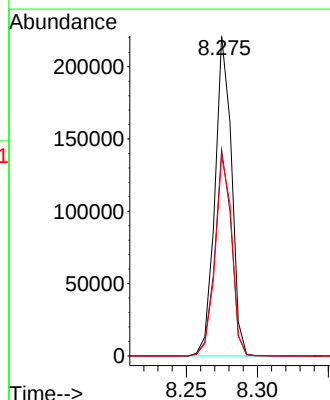
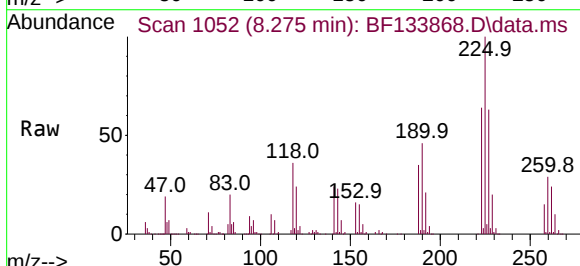
Tgt Ion:225 Resp: 179852

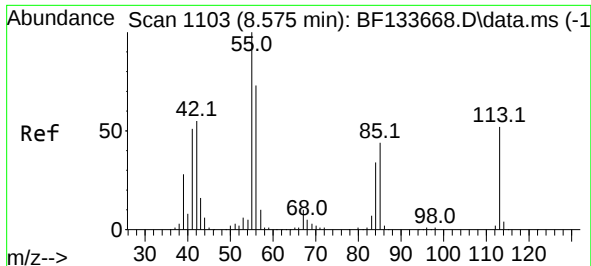
Ion Ratio Lower Upper

225 100

223 64.4 50.2 75.4

227 62.5 49.5 74.3

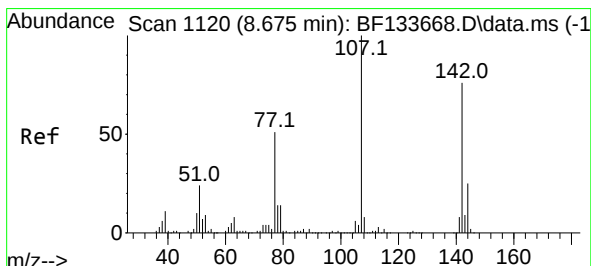
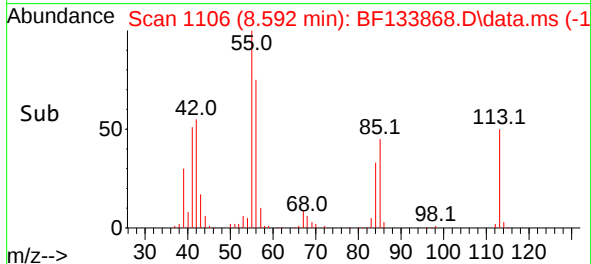
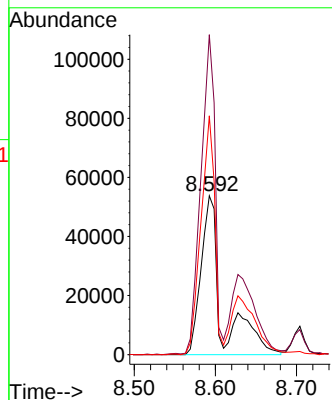
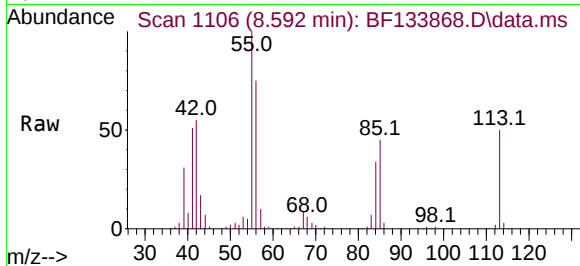




#35
 Caprolactam
 Concen: 42.296 ng m
 RT: 8.592 min Scan# 1106
 Delta R.T. 0.006 min
 Lab File: BF133868.D
 Acq: 21 Jun 2023 13:36

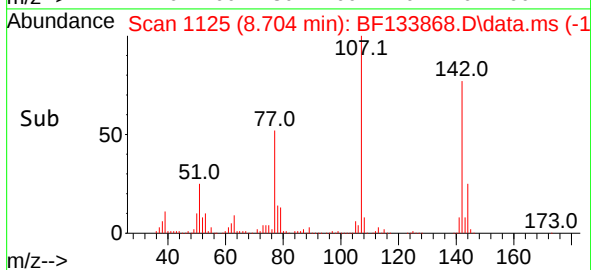
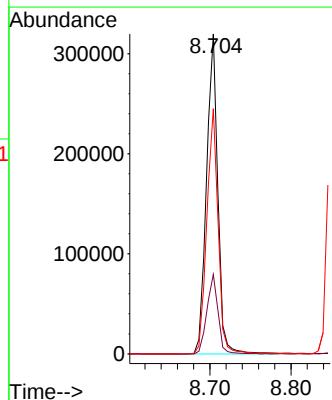
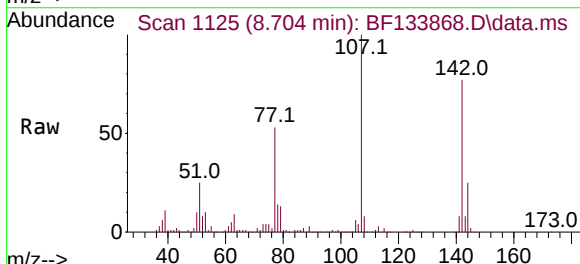
Instrument :
 BNA_F
 ClientSampleId :
 PB153548BS

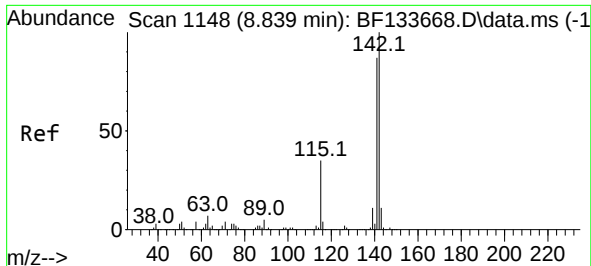
Tgt Ion:113 Resp: 95443
 Ion Ratio Lower Upper
 113 100
 55 201.5 173.3 213.3
 56 150.4 120.5 160.5



#36
 4-Chloro-3-methylphenol
 Concen: 40.210 ng
 RT: 8.704 min Scan# 1125
 Delta R.T. 0.012 min
 Lab File: BF133868.D
 Acq: 21 Jun 2023 13:36

Tgt Ion:107 Resp: 310819
 Ion Ratio Lower Upper
 107 100
 144 24.8 19.7 29.5
 142 76.7 61.1 91.7





#37

2-Methylnaphthalene

Concen: 38.395 ng

RT: 8.857 min Scan# 1148

Delta R.T. 0.006 min

Lab File: BF133868.D

Acq: 21 Jun 2023 13:36

Instrument :

BNA_F

ClientSampleId :

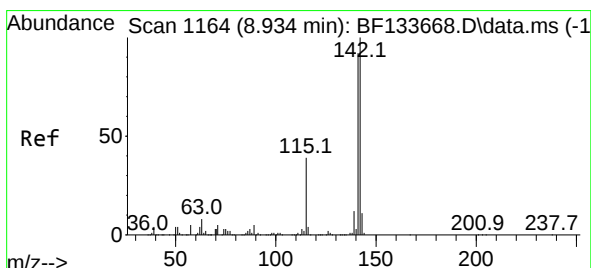
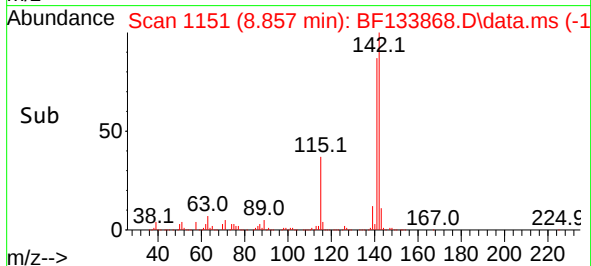
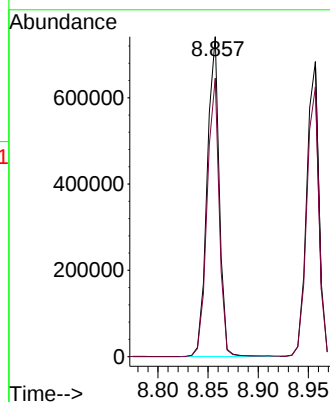
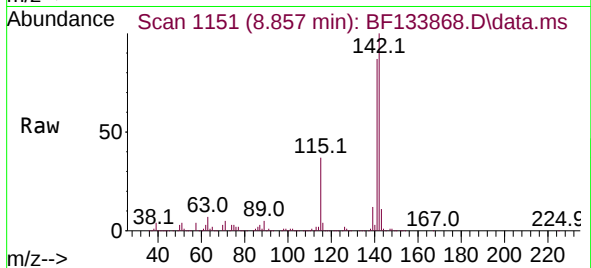
PB153548BS

Tgt Ion:142 Resp: 621890

Ion Ratio Lower Upper

142 100

141 87.0 69.8 104.8



#38

1-Methylnaphthalene

Concen: 39.199 ng

RT: 8.957 min Scan# 1168

Delta R.T. 0.006 min

Lab File: BF133868.D

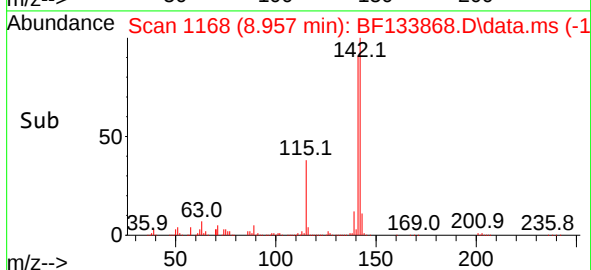
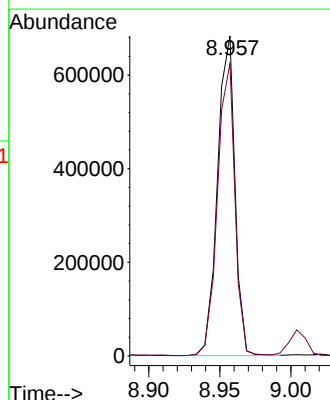
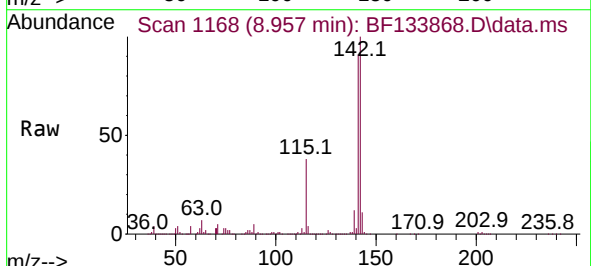
Acq: 21 Jun 2023 13:36

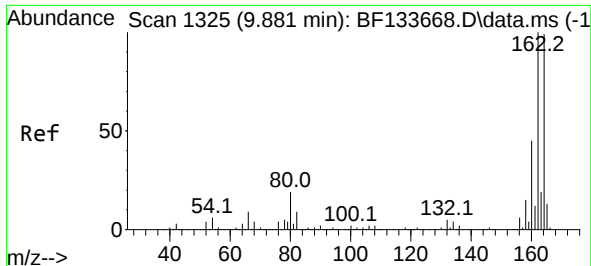
Tgt Ion:142 Resp: 584238

Ion Ratio Lower Upper

142 100

141 91.4 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1179

Delta R.T. 0.006 min

Lab File: BF133868.D

Acq: 21 Jun 2023 13:36

Instrument :

BNA_F

ClientSampleId :

PB153548BS

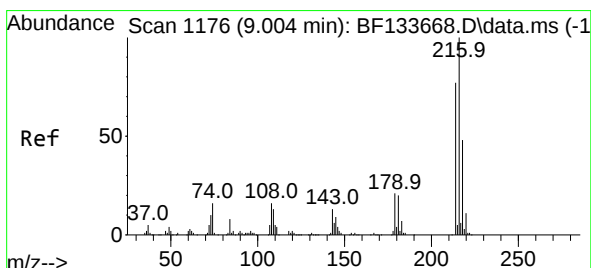
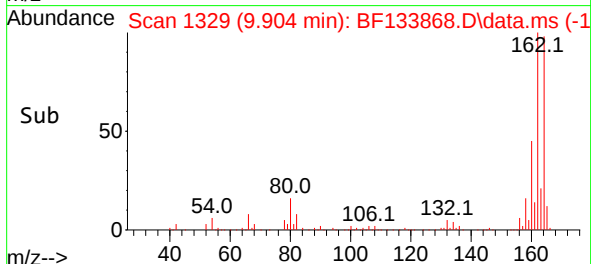
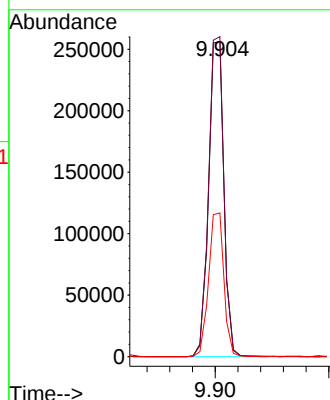
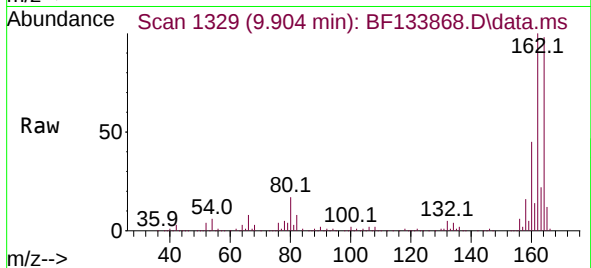
Tgt Ion:164 Resp: 239825

Ion Ratio Lower Upper

164 100

162 101.6 80.8 121.2

160 45.6 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.004 ng

RT: 9.022 min Scan# 1179

Delta R.T. 0.006 min

Lab File: BF133868.D

Acq: 21 Jun 2023 13:36

Tgt Ion:216 Resp: 291665

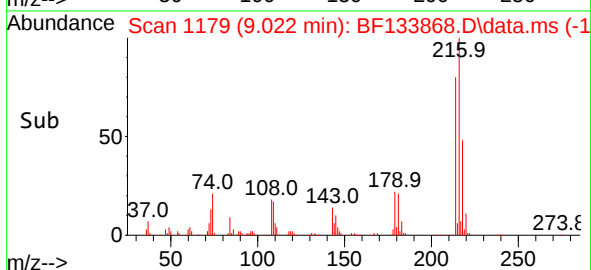
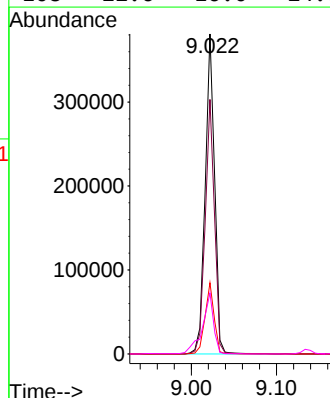
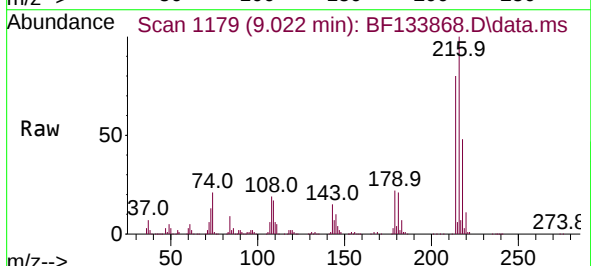
Ion Ratio Lower Upper

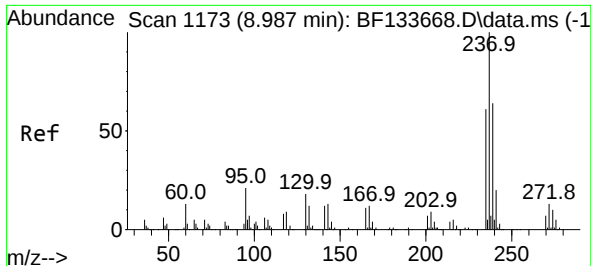
216 100

214 78.7 62.7 94.1

179 21.6 17.6 26.4

108 22.6 16.0 24.0

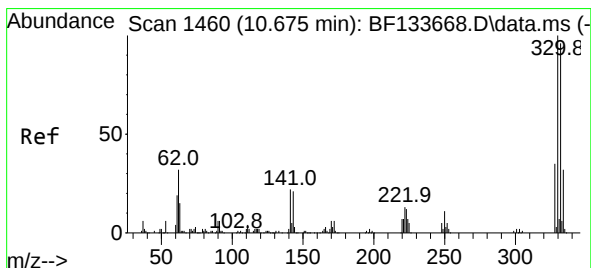
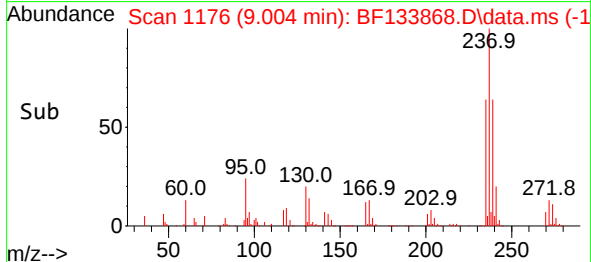
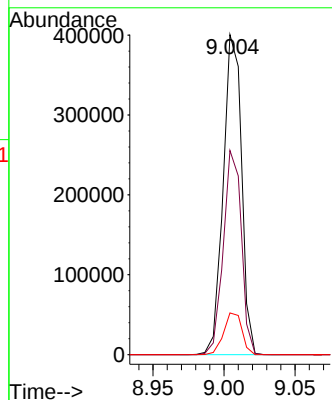
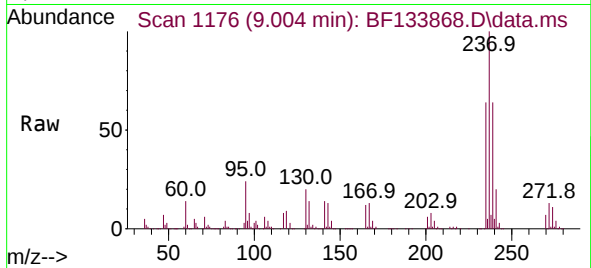




#41
Hexachlorocyclopentadiene
Concen: 110.985 ng
RT: 9.004 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF133868.D
Acq: 21 Jun 2023 13:36

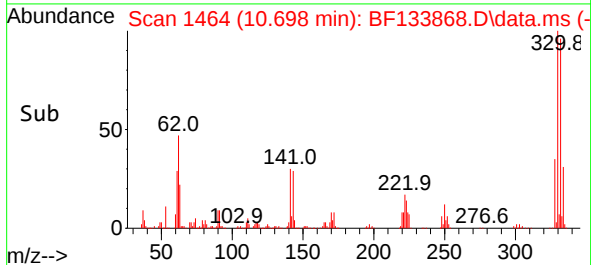
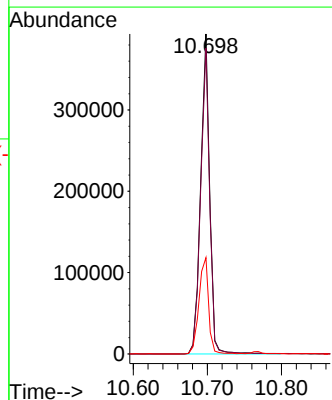
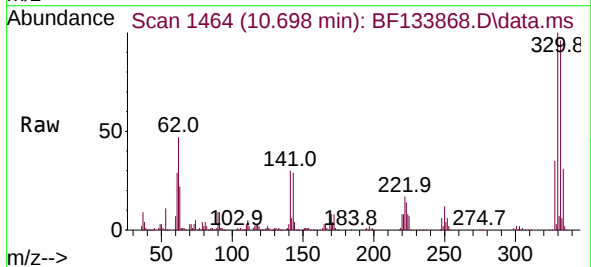
Instrument :
BNA_F
ClientSampleId :
PB153548BS

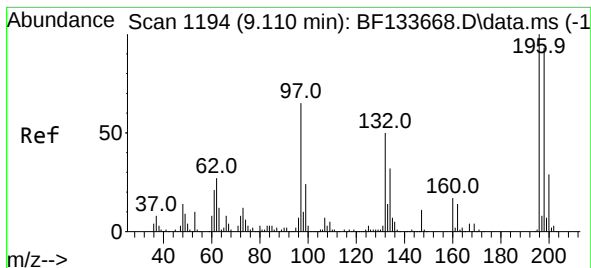
Tgt Ion:237 Resp: 360596
Ion Ratio Lower Upper
237 100
235 63.8 40.6 80.6
272 13.0 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 109.660 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF133868.D
Acq: 21 Jun 2023 13:36

Tgt Ion:330 Resp: 332901
Ion Ratio Lower Upper
330 100
332 95.7 77.2 115.8
141 32.4 24.9 37.3





#43

2,4,6-Trichlorophenol

Concen: 41.941 ng

RT: 9.139 min Scan# 1194

Delta R.T. 0.012 min

Lab File: BF133868.D

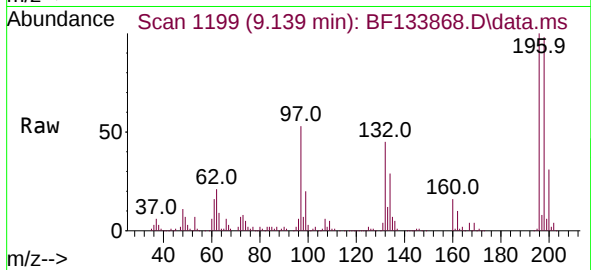
Acq: 21 Jun 2023 13:36

Instrument :

BNA_F

ClientSampleId :

PB153548BS



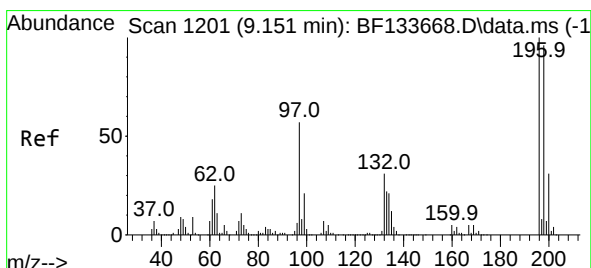
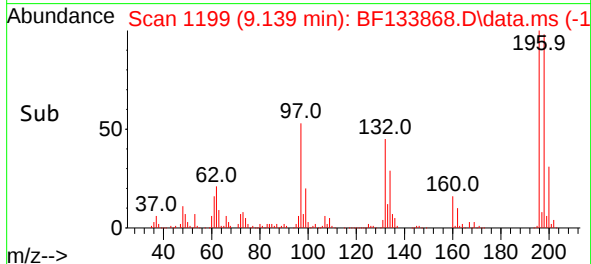
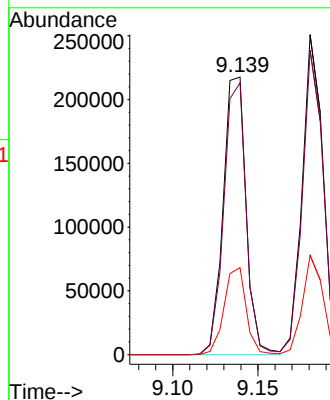
Tgt Ion:196 Resp: 204341

Ion Ratio Lower Upper

196 100

198 97.9 74.5 111.7

200 31.3 22.9 34.3



#44

2,4,5-Trichlorophenol

Concen: 39.053 ng

RT: 9.181 min Scan# 1206

Delta R.T. 0.012 min

Lab File: BF133868.D

Acq: 21 Jun 2023 13:36

Tgt Ion:196 Resp: 221355

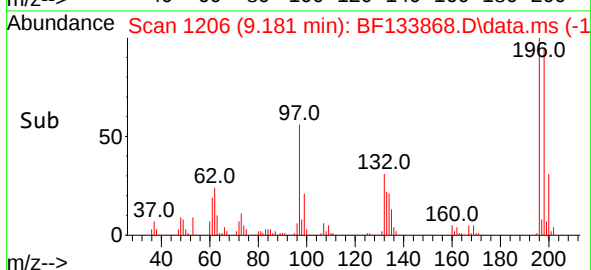
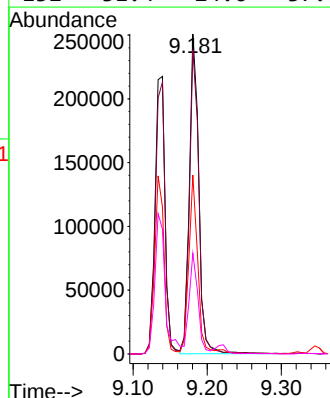
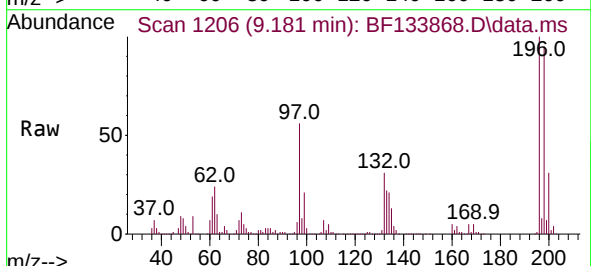
Ion Ratio Lower Upper

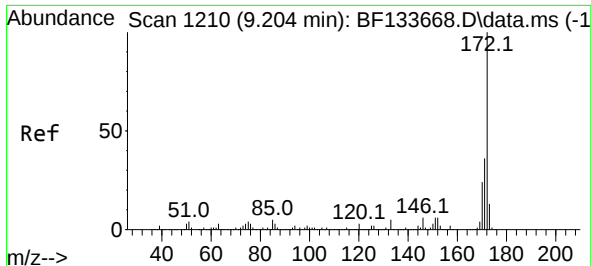
196 100

198 95.1 76.8 115.2

97 55.9 45.4 68.2

132 31.4 24.6 37.0





#45

2-Fluorobiphenyl

Concen: 73.469 ng

RT: 9.222 min Scan# 1210

Delta R.T. 0.006 min

Lab File: BF133868.D

Acq: 21 Jun 2023 13:36

Instrument :

BNA_F

ClientSampleId :

PB153548BS

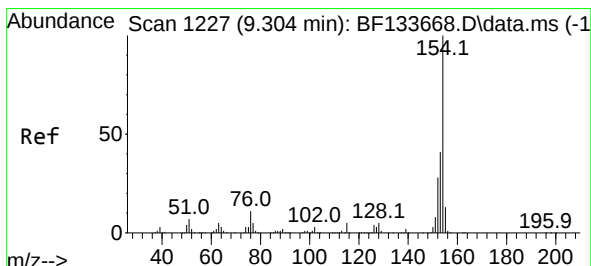
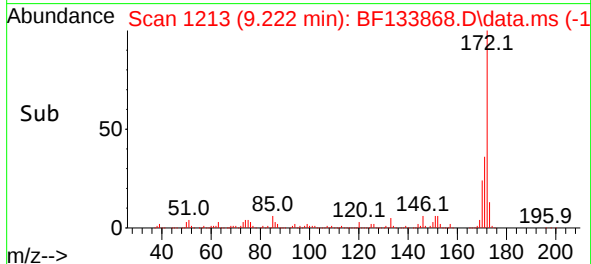
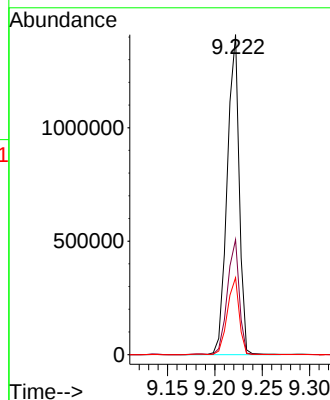
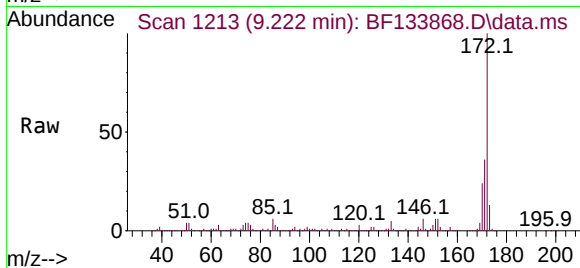
Tgt Ion:172 Resp: 1239494

Ion Ratio Lower Upper

172 100

171 35.9 28.6 43.0

170 24.0 19.1 28.7



#46

1,1'-Biphenyl

Concen: 41.342 ng

RT: 9.322 min Scan# 1230

Delta R.T. 0.006 min

Lab File: BF133868.D

Acq: 21 Jun 2023 13:36

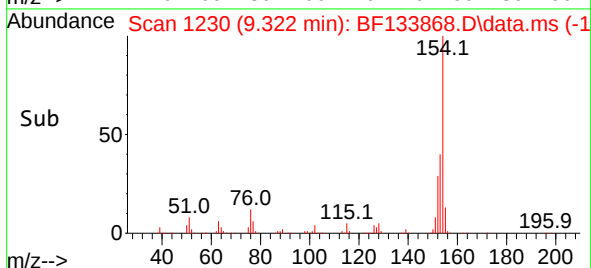
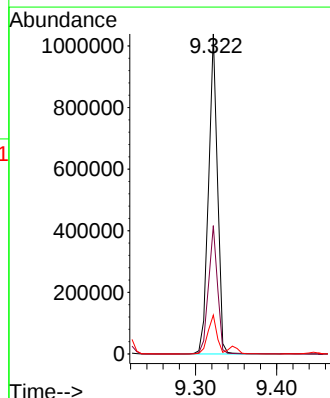
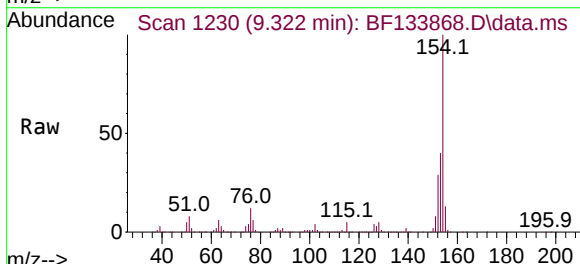
Tgt Ion:154 Resp: 799653

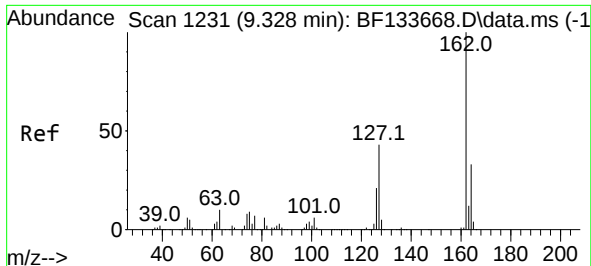
Ion Ratio Lower Upper

154 100

153 40.1 20.6 60.6

76 12.1 0.0 31.0





#47

2-Chloronaphthalene

Concen: 42.031 ng

RT: 9.345 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133868.D

Acq: 21 Jun 2023 13:36

Instrument :

BNA_F

ClientSampleId :

PB153548BS

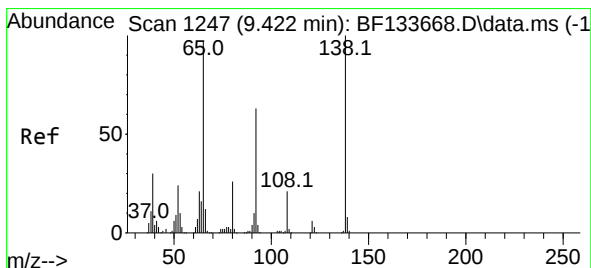
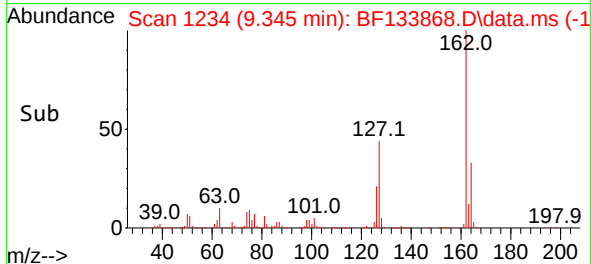
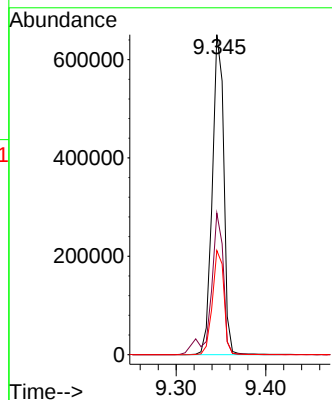
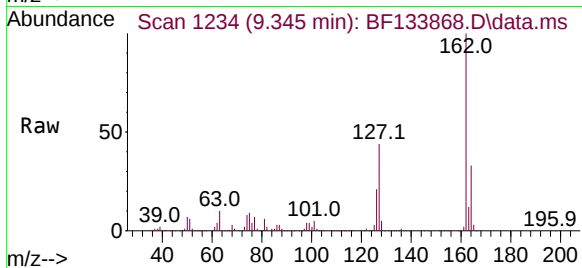
Tgt Ion:162 Resp: 583160

Ion Ratio Lower Upper

162 100

127 44.2 34.6 52.0

164 32.5 26.4 39.6



#48

2-Nitroaniline

Concen: 40.837 ng

RT: 9.445 min Scan# 1251

Delta R.T. 0.006 min

Lab File: BF133868.D

Acq: 21 Jun 2023 13:36

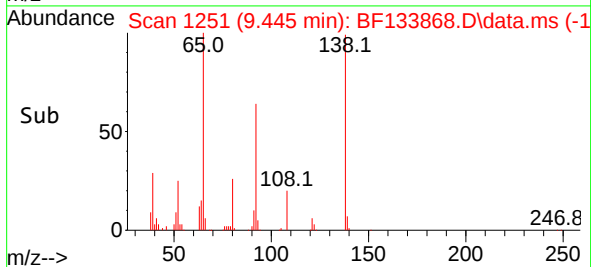
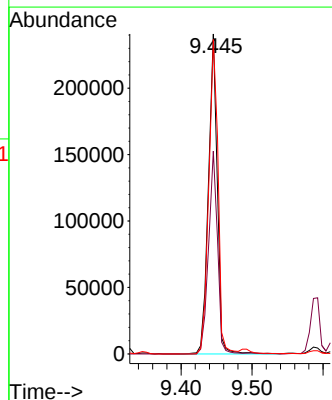
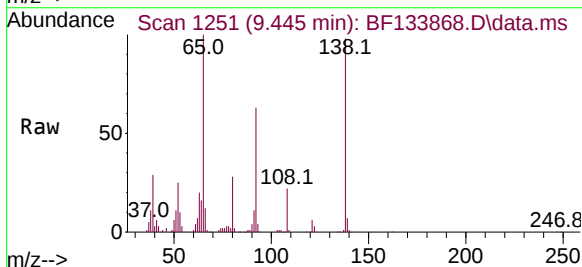
Tgt Ion: 65 Resp: 207219

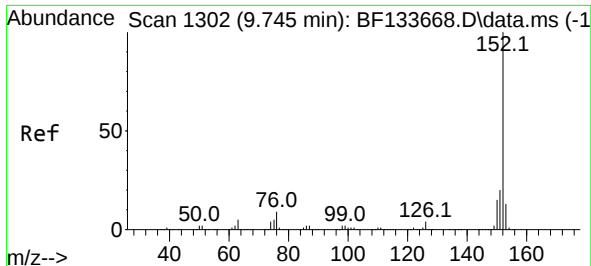
Ion Ratio Lower Upper

65 100

92 63.4 51.8 77.6

138 98.2 82.1 123.1





#49

Acenaphthylene

Concen: 40.005 ng

RT: 9.763 min Scan# 1305

Delta R.T. 0.006 min

Lab File: BF133868.D

Acq: 21 Jun 2023 13:36

Instrument :

BNA_F

ClientSampleId :

PB153548BS

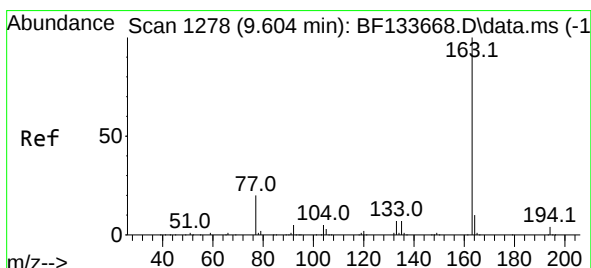
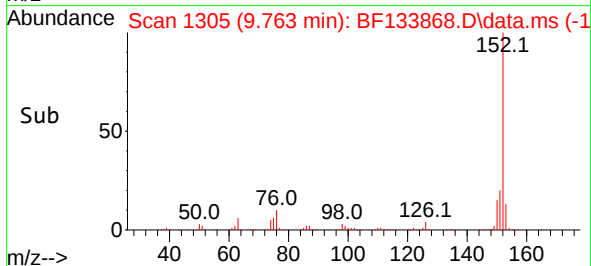
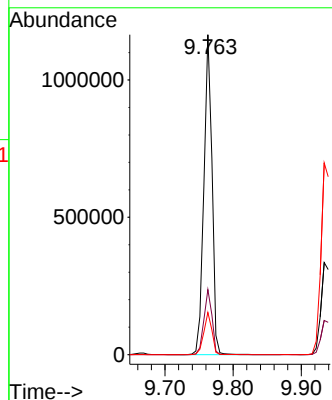
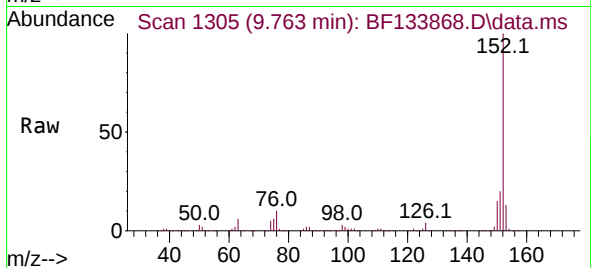
Tgt Ion:152 Resp: 966073

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

153 13.2 10.4 15.6



#50

Dimethylphthalate

Concen: 39.424 ng

RT: 9.628 min Scan# 1282

Delta R.T. 0.006 min

Lab File: BF133868.D

Acq: 21 Jun 2023 13:36

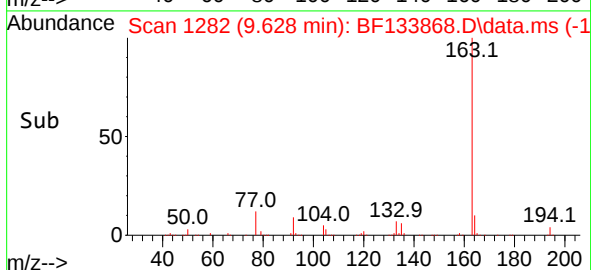
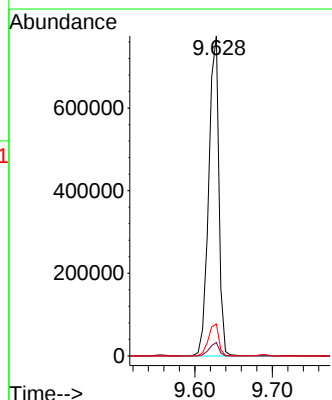
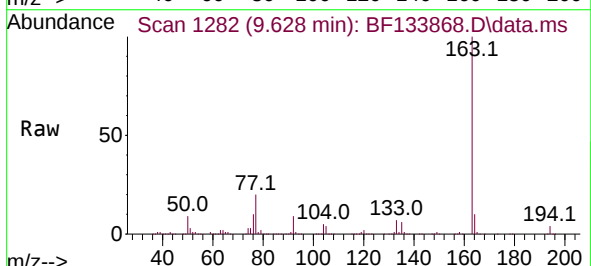
Tgt Ion:163 Resp: 705736

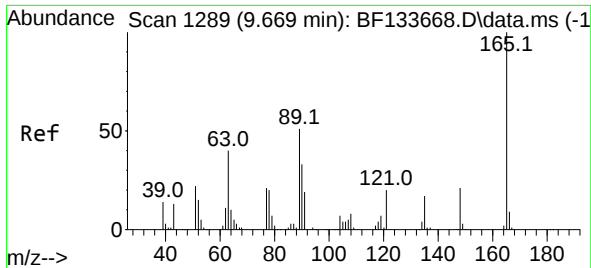
Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

164 10.0 8.0 12.0

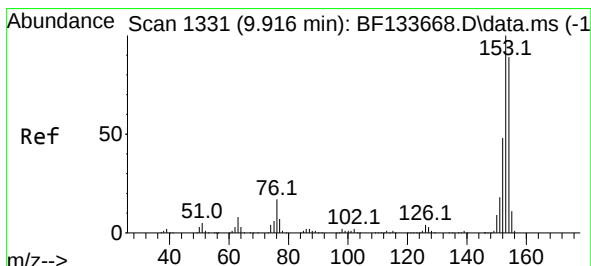
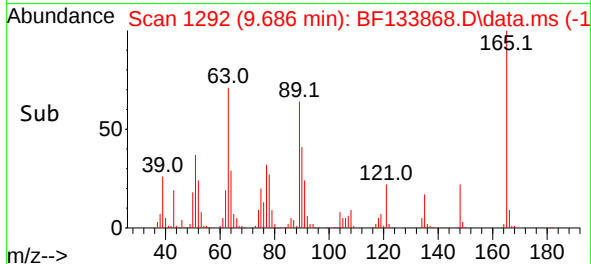
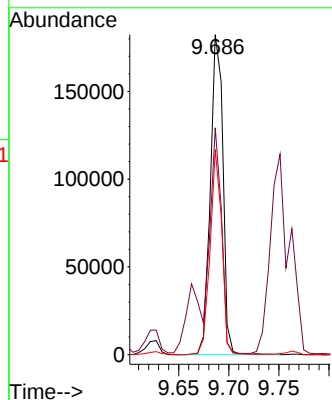
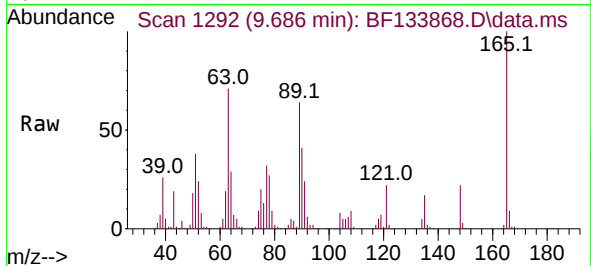




#51
2,6-Dinitrotoluene
Concen: 42.722 ng
RT: 9.686 min Scan# 1292
Delta R.T. 0.006 min
Lab File: BF133868.D
Acq: 21 Jun 2023 13:36

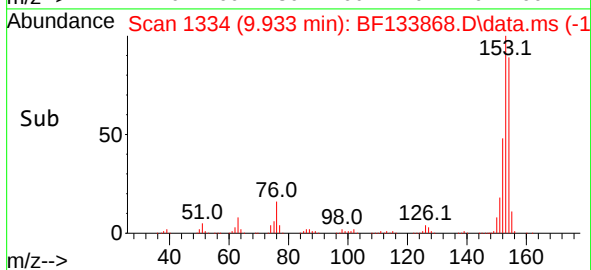
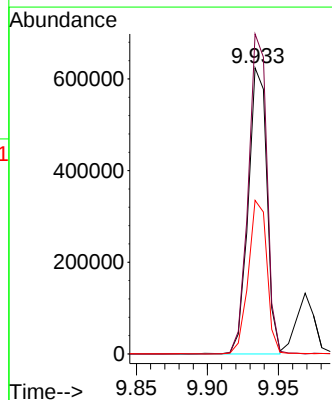
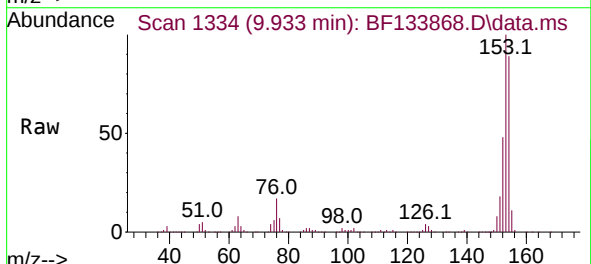
Instrument :
BNA_F
ClientSampleId :
PB153548BS

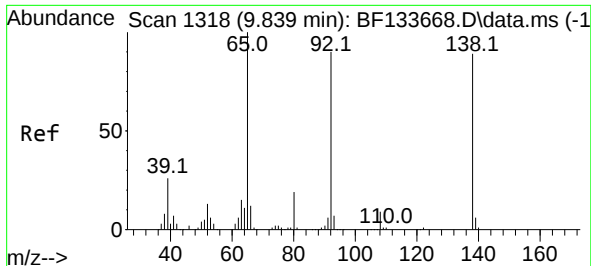
Tgt Ion:165 Resp: 157854
Ion Ratio Lower Upper
165 100
63 70.9 42.1 63.1#
89 64.1 40.9 61.3#



#52
Acenaphthene
Concen: 40.484 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF133868.D
Acq: 21 Jun 2023 13:36

Tgt Ion:154 Resp: 572244
Ion Ratio Lower Upper
154 100
153 111.9 89.8 134.8
152 53.7 43.4 65.2

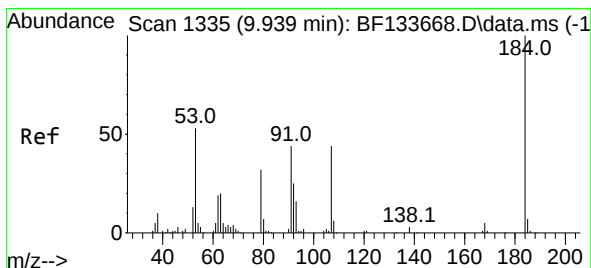
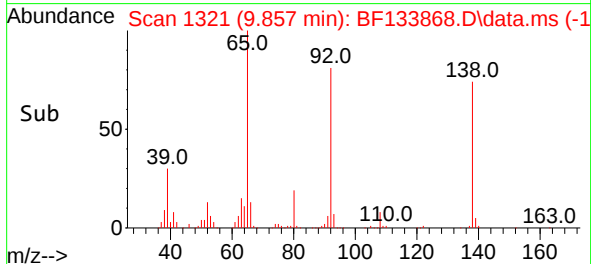
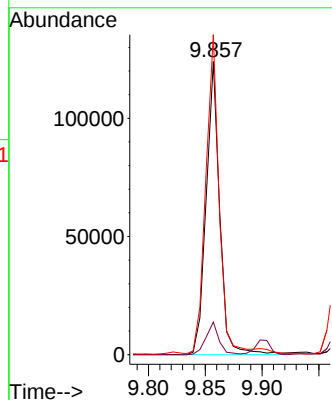
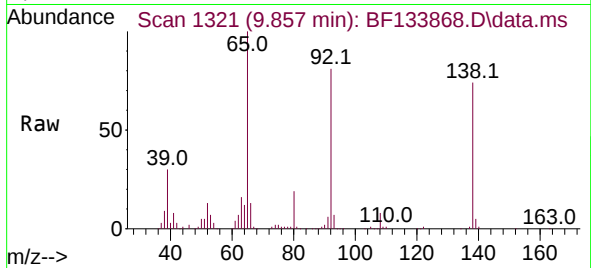




#53
3-Nitroaniline
Concen: 22.852 ng
RT: 9.857 min Scan# 1318
Delta R.T. 0.006 min
Lab File: BF133868.D
Acq: 21 Jun 2023 13:36

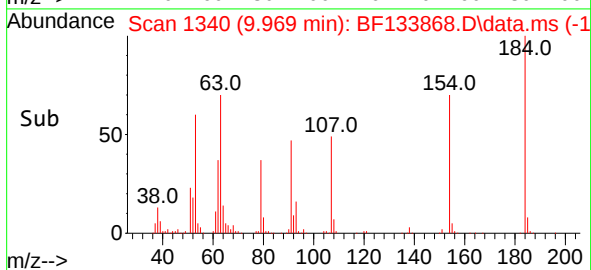
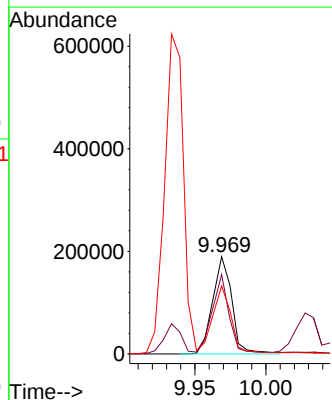
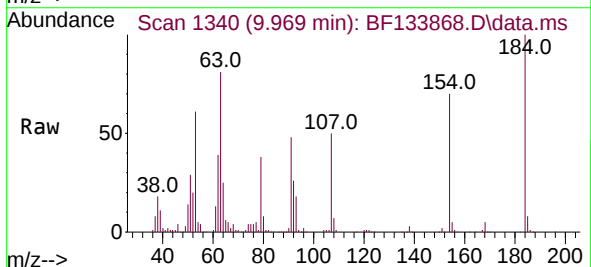
Instrument :
BNA_F
ClientSampleId :
PB153548BS

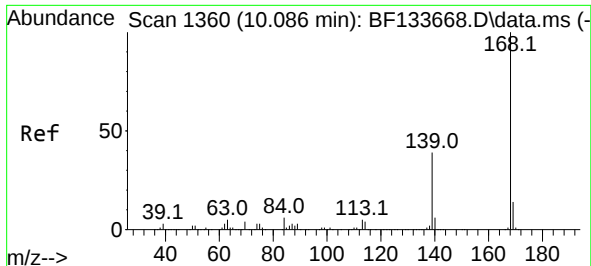
Tgt Ion:138 Resp: 102753
Ion Ratio Lower Upper
138 100
108 11.1 8.2 12.4
92 109.2 81.0 121.6



#54
2,4-Dinitrophenol
Concen: 97.651 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF133868.D
Acq: 21 Jun 2023 13:36

Tgt Ion:184 Resp: 178769
Ion Ratio Lower Upper
184 100
63 81.4 55.3 82.9
154 69.8 51.9 77.9





#55

Dibenzenofuran

Concen: 40.766 ng

RT: 10.110 min Scan# 1360

Delta R.T. 0.006 min

Lab File: BF133868.D

Acq: 21 Jun 2023 13:36

Instrument :

BNA_F

ClientSampleId :

PB153548BS

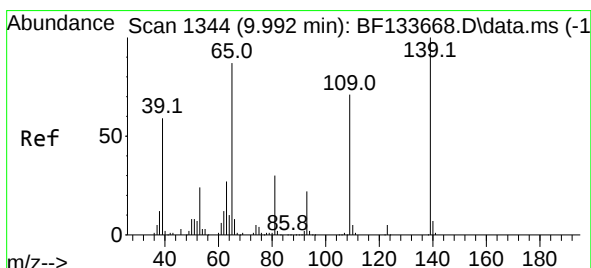
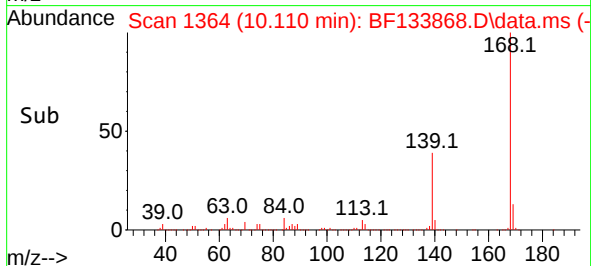
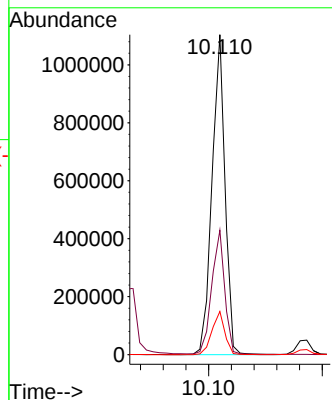
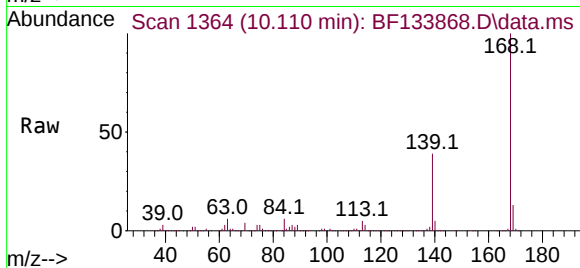
Tgt Ion:168 Resp: 879270

Ion Ratio Lower Upper

168 100

139 38.9 30.9 46.3

169 13.5 10.9 16.3



#56

4-Nitrophenol

Concen: 84.528 ng

RT: 10.033 min Scan# 1351

Delta R.T. 0.024 min

Lab File: BF133868.D

Acq: 21 Jun 2023 13:36

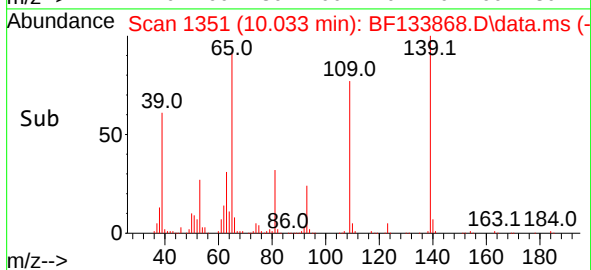
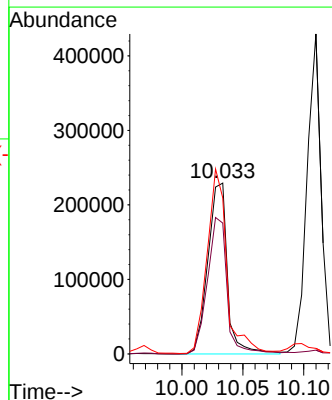
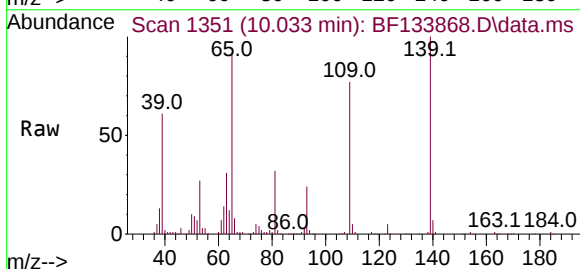
Tgt Ion:139 Resp: 256511

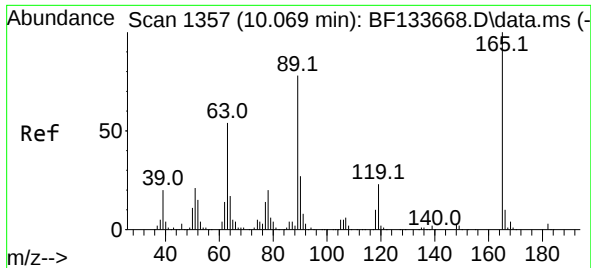
Ion Ratio Lower Upper

139 100

109 76.6 50.7 90.7

65 91.3 67.1 107.1

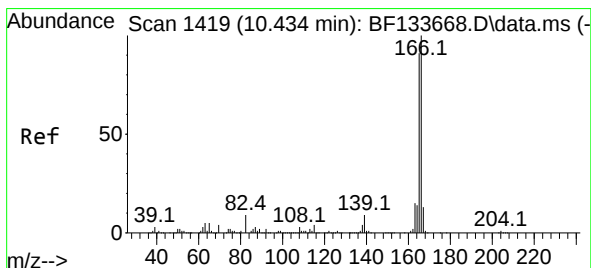
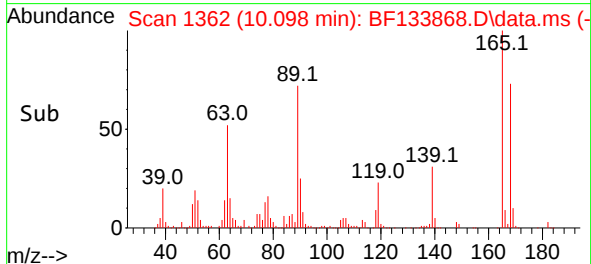
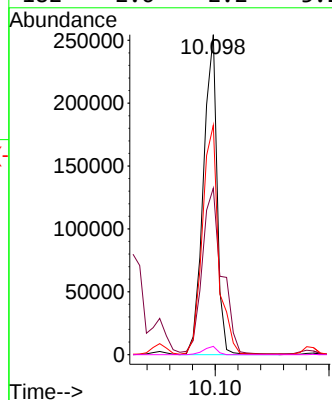
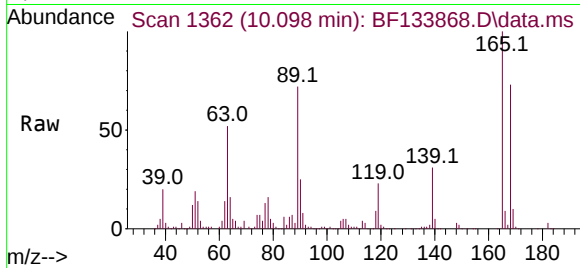




#57
2,4-Dinitrotoluene
Concen: 45.386 ng
RT: 10.098 min Scan# 1357
Delta R.T. 0.012 min
Lab File: BF133868.D
Acq: 21 Jun 2023 13:36

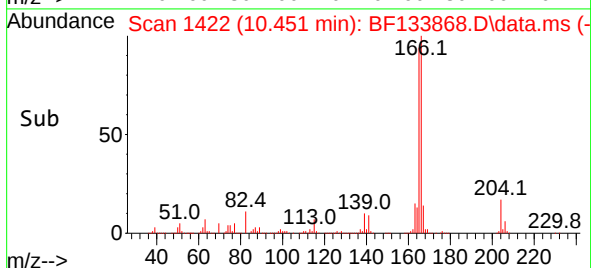
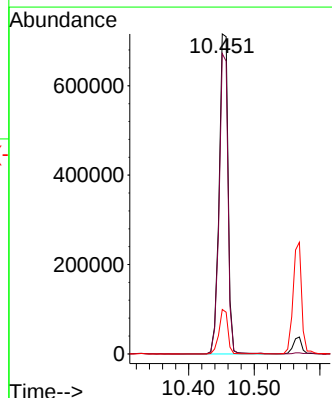
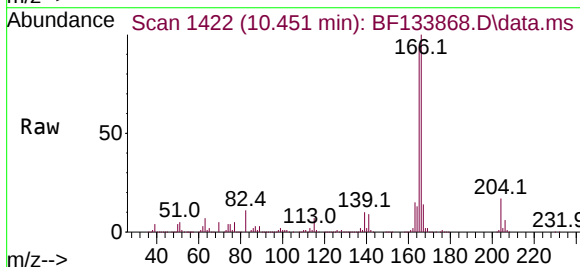
Instrument :
BNA_F
ClientSampleId :
PB153548BS

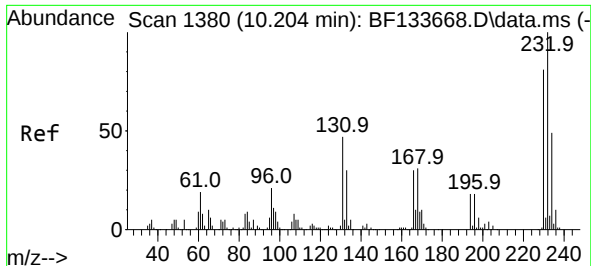
Tgt Ion:165 Resp: 213278
Ion Ratio Lower Upper
165 100
63 52.0 43.0 64.6
89 71.7 62.6 93.8
182 2.6 2.2 3.2



#58
Fluorene
Concen: 41.080 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF133868.D
Acq: 21 Jun 2023 13:36

Tgt Ion:166 Resp: 677588
Ion Ratio Lower Upper
166 100
165 93.8 73.1 109.7
167 13.9 10.5 15.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.328 ng

RT: 10.228 min Scan# 1384

Delta R.T. 0.006 min

Lab File: BF133868.D

Acq: 21 Jun 2023 13:36

Instrument :

BNA_F

ClientSampleId :

PB153548BS

Tgt Ion:232 Resp: 188111

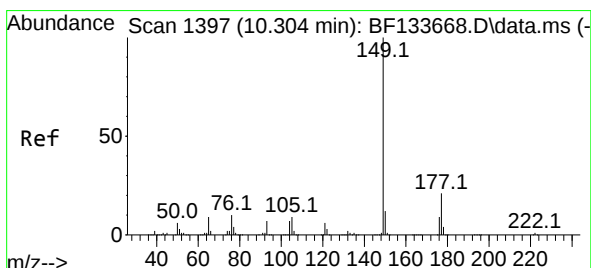
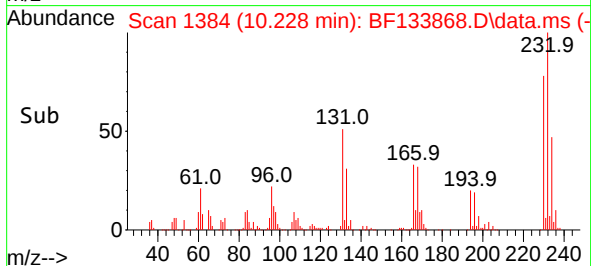
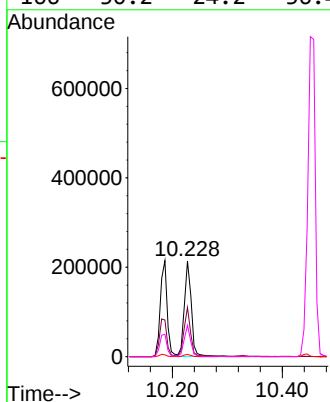
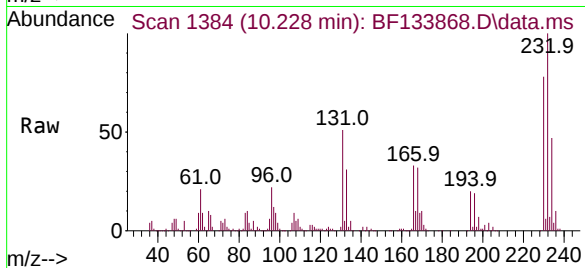
Ion Ratio Lower Upper

232 100

131 47.8 38.0 57.0

130 2.4 1.8 2.8

166 30.2 24.2 36.4



#60

Diethylphthalate

Concen: 39.783 ng

RT: 10.328 min Scan# 1401

Delta R.T. 0.006 min

Lab File: BF133868.D

Acq: 21 Jun 2023 13:36

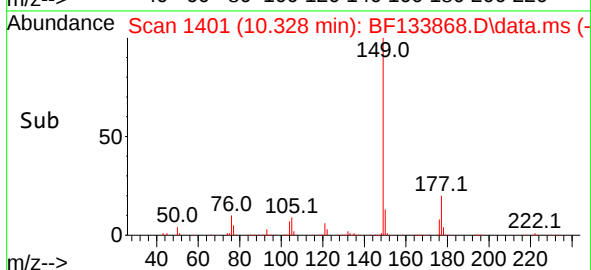
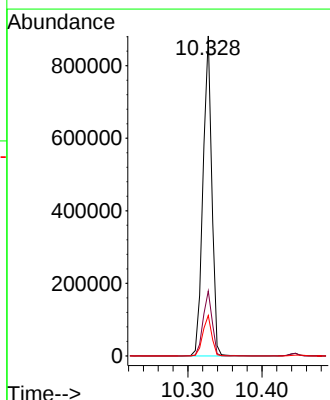
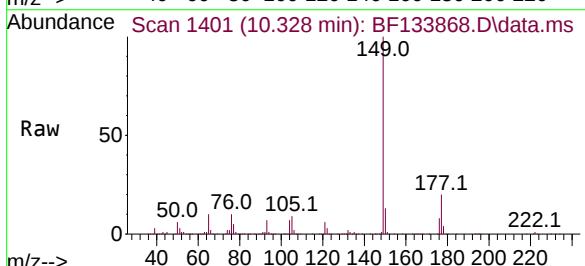
Tgt Ion:149 Resp: 724811

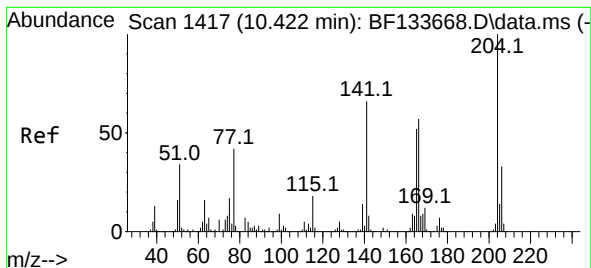
Ion Ratio Lower Upper

149 100

177 20.3 17.0 25.6

150 12.6 10.0 15.0

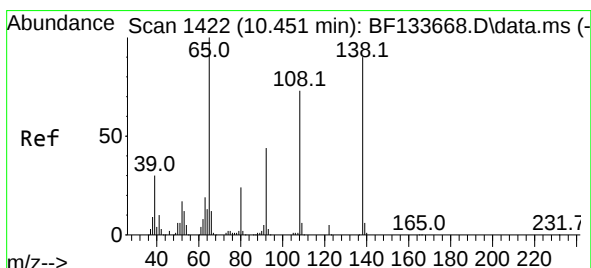
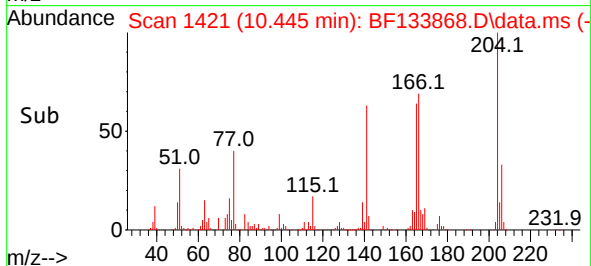
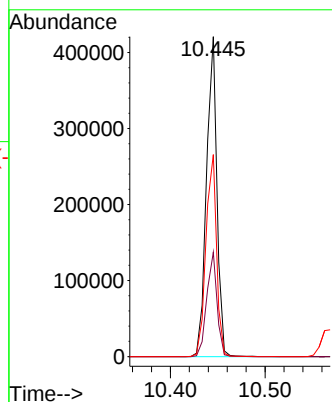
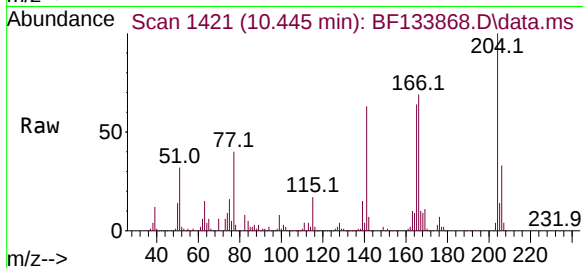




#61
4-Chlorophenyl-phenylether
Concen: 39.630 ng
RT: 10.445 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF133868.D
Acq: 21 Jun 2023 13:36

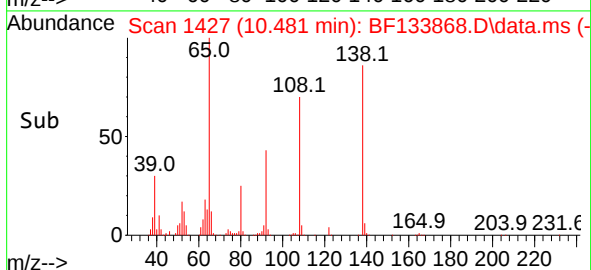
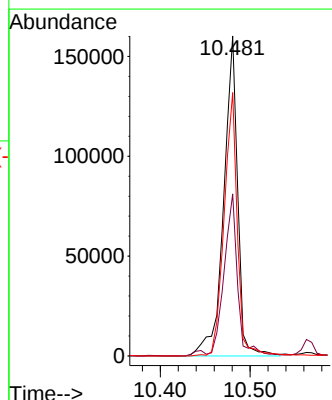
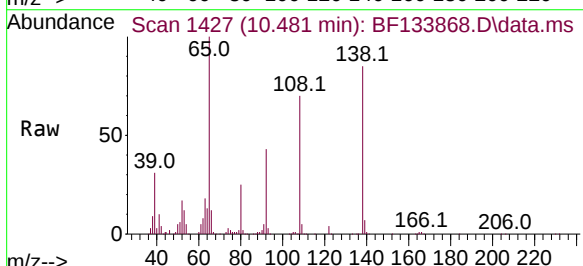
Instrument :
BNA_F
ClientSampleId :
PB153548BS

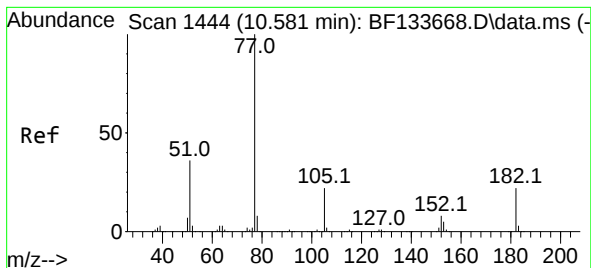
Tgt Ion:204 Resp: 322693
Ion Ratio Lower Upper
204 100
206 32.6 26.4 39.6
141 63.1 52.8 79.2



#62
4-Nitroaniline
Concen: 39.445 ng
RT: 10.481 min Scan# 1427
Delta R.T. 0.012 min
Lab File: BF133868.D
Acq: 21 Jun 2023 13:36

Tgt Ion:138 Resp: 173903
Ion Ratio Lower Upper
138 100
92 50.6 28.9 68.9
108 82.3 61.0 101.0





#63

Azobenzene

Concen: 40.610 ng

RT: 10.604 min Scan# 1448

Delta R.T. 0.006 min

Lab File: BF133868.D

Acq: 21 Jun 2023 13:36

Instrument :

BNA_F

ClientSampleId :

PB153548BS

Tgt Ion: 77 Resp: 700414

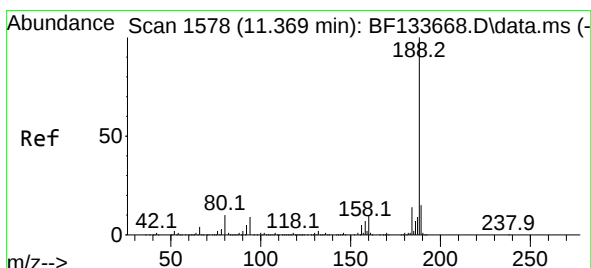
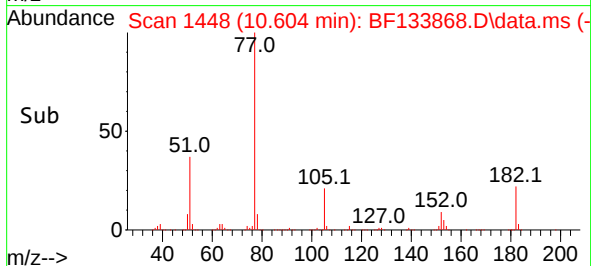
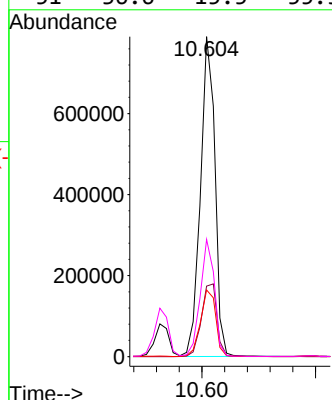
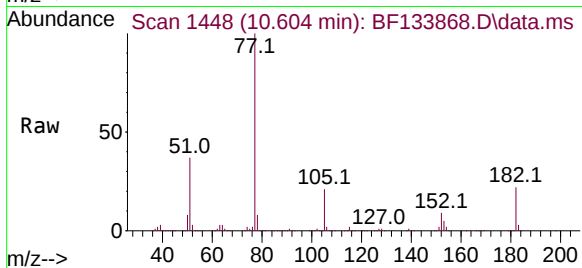
Ion Ratio Lower Upper

77 100

182 22.0 1.6 41.6

105 20.8 1.6 41.6

51 36.6 15.5 55.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1582

Delta R.T. 0.006 min

Lab File: BF133868.D

Acq: 21 Jun 2023 13:36

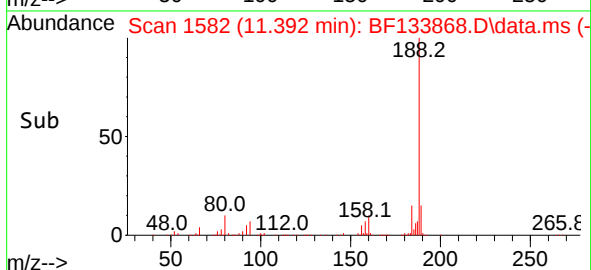
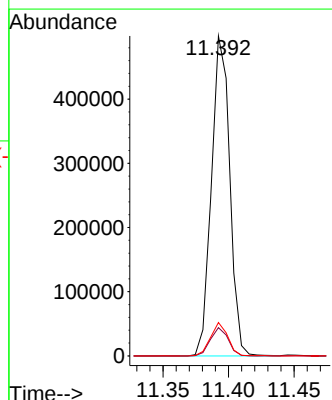
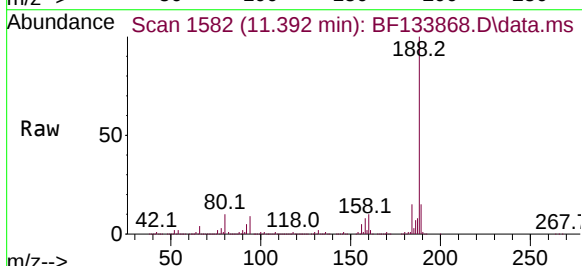
Tgt Ion: 188 Resp: 482972

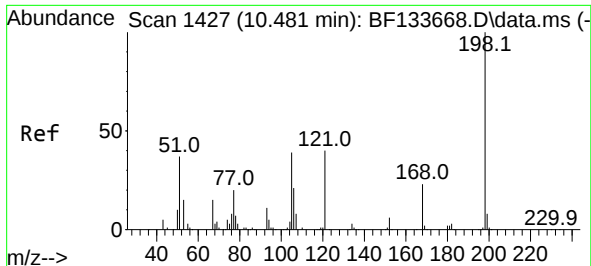
Ion Ratio Lower Upper

188 100

94 8.8 6.8 10.2

80 10.4 7.8 11.6

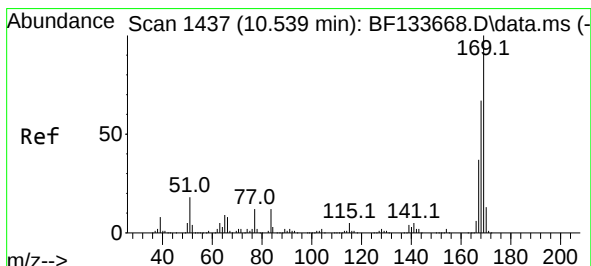
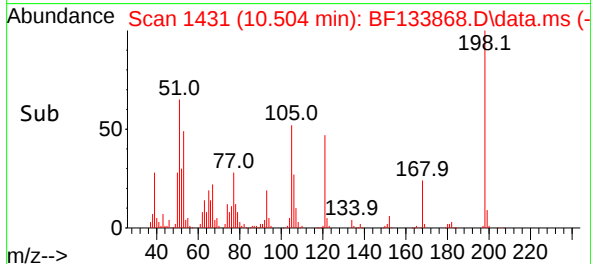
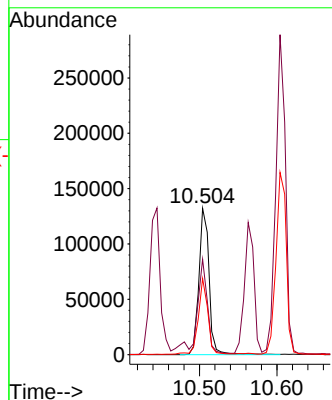
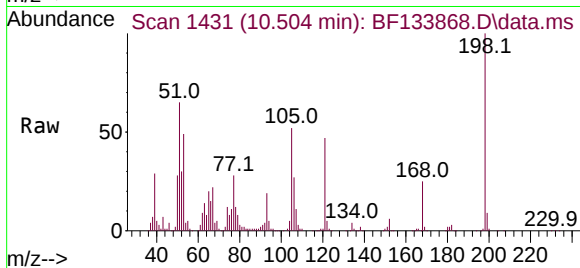




#65
4,6-Dinitro-2-methylphenol
Concen: 52.259 ng
RT: 10.504 min Scan# 1441
Delta R.T. 0.006 min
Lab File: BF133868.D
Acq: 21 Jun 2023 13:36

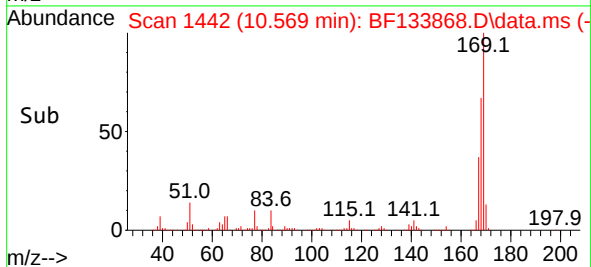
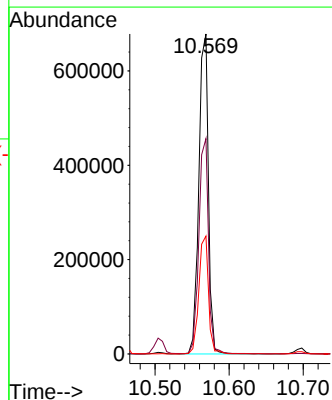
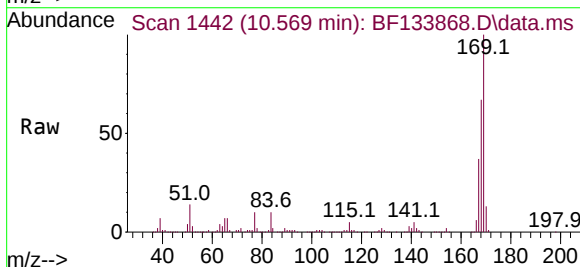
Instrument :
BNA_F
ClientSampleId :
PB153548BS

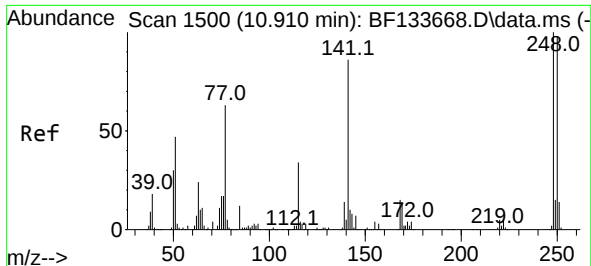
Tgt Ion:198 Resp: 120607
Ion Ratio Lower Upper
198 100
51 65.2 27.5 67.5
105 52.0 21.0 61.0



#66
n-Nitrosodiphenylamine
Concen: 37.532 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF133868.D
Acq: 21 Jun 2023 13:36

Tgt Ion:169 Resp: 608878
Ion Ratio Lower Upper
169 100
168 67.3 53.7 80.5
167 36.8 29.8 44.8

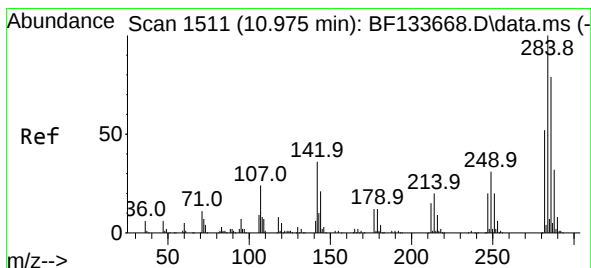
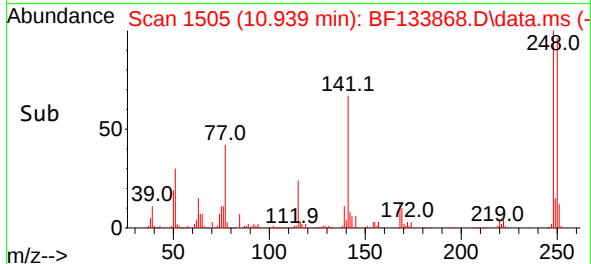
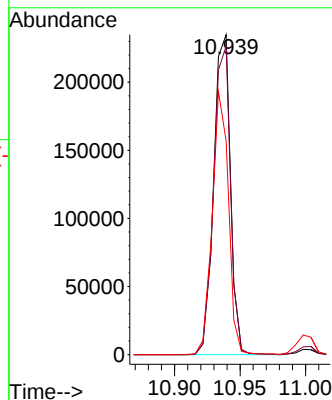
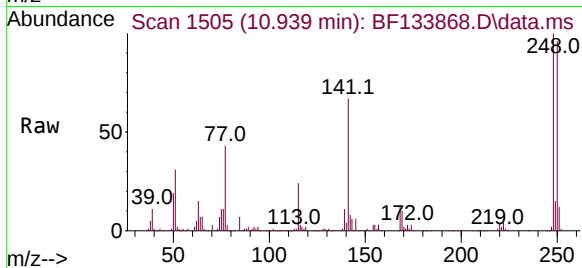




#67
4-Bromophenyl-phenylether
Concen: 38.772 ng
RT: 10.939 min Scan# 1505
Delta R.T. 0.006 min
Lab File: BF133868.D
Acq: 21 Jun 2023 13:36

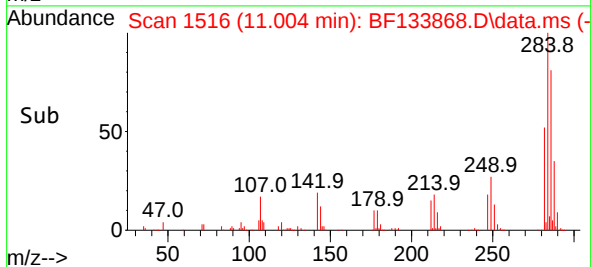
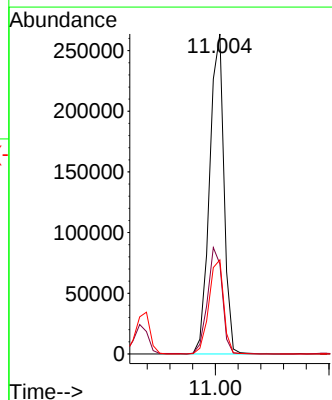
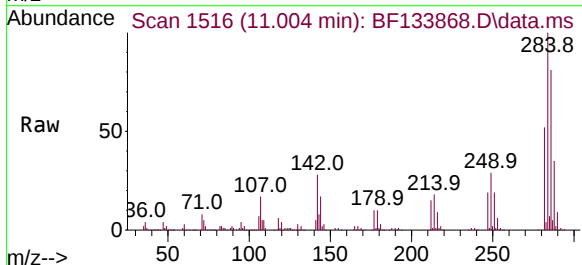
Instrument :
BNA_F
ClientSampleId :
PB153548BS

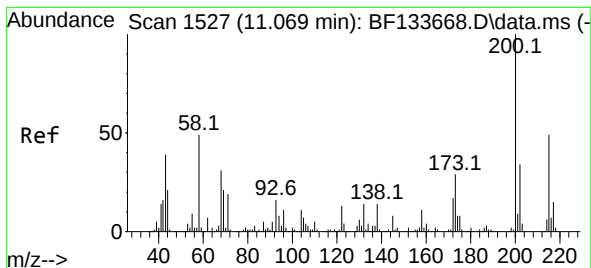
Tgt Ion:248 Resp: 209004
Ion Ratio Lower Upper
248 100
250 96.4 78.3 117.5
141 66.8 69.0 103.6#



#68
Hexachlorobenzene
Concen: 41.016 ng
RT: 11.004 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF133868.D
Acq: 21 Jun 2023 13:36

Tgt Ion:284 Resp: 232507
Ion Ratio Lower Upper
284 100
142 28.1 28.6 42.8#
249 29.4 24.6 36.8





#69

Atrazine

Concen: 40.787 ng

RT: 11.098 min Scan# 1532

Delta R.T. 0.012 min

Lab File: BF133868.D

Acq: 21 Jun 2023 13:36

Instrument :

BNA_F

ClientSampleId :

PB153548BS

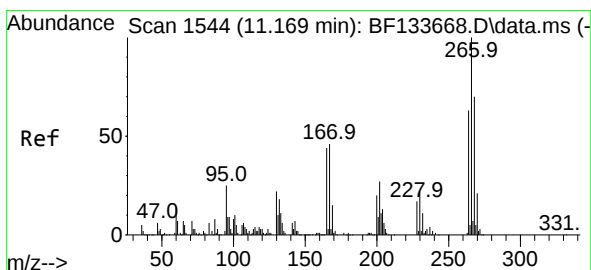
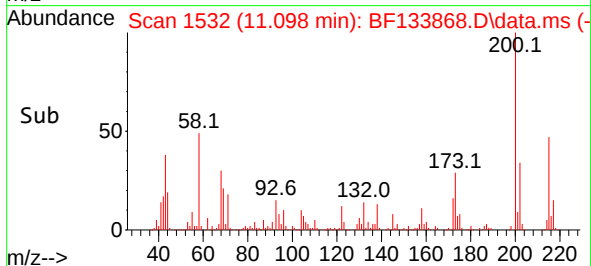
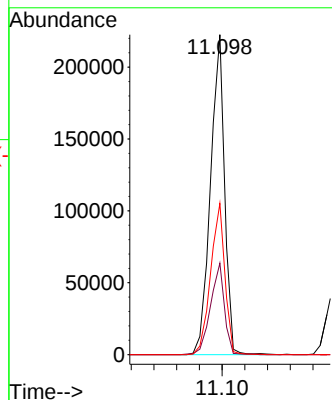
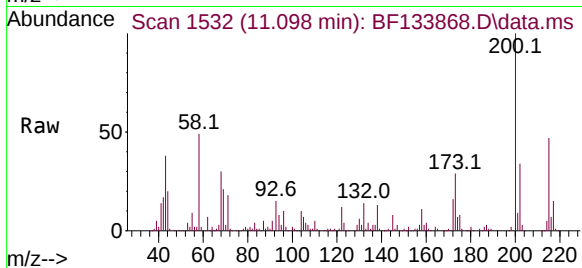
Tgt Ion:200 Resp: 191989

Ion Ratio Lower Upper

200 100

173 28.6 8.7 48.7

215 47.3 29.0 69.0



#70

Pentachlorophenol

Concen: 70.279 ng

RT: 11.198 min Scan# 1549

Delta R.T. 0.006 min

Lab File: BF133868.D

Acq: 21 Jun 2023 13:36

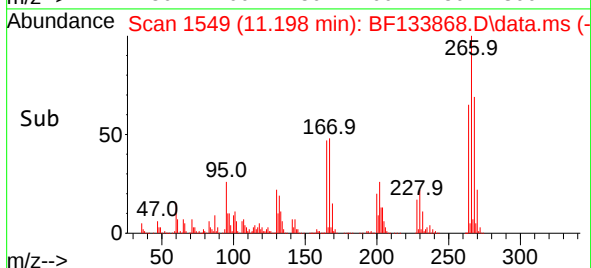
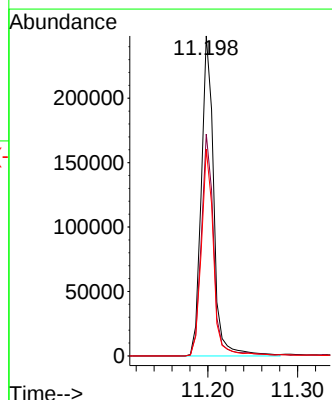
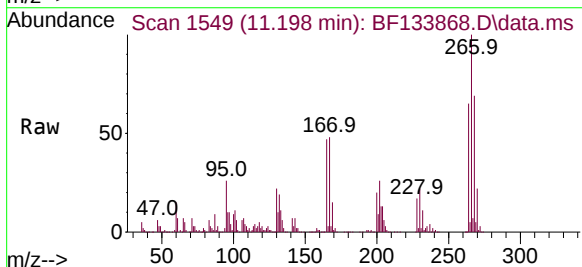
Tgt Ion:266 Resp: 238555

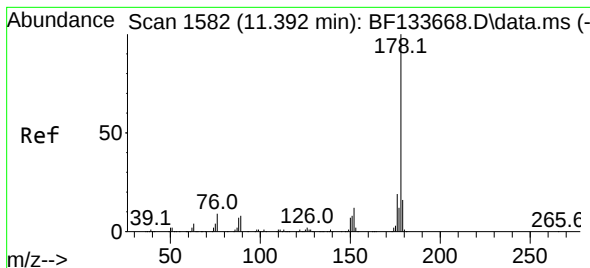
Ion Ratio Lower Upper

266 100

268 69.3 55.7 83.5

264 64.6 50.7 76.1





#71

Phenanthrene

Concen: 40.356 ng

RT: 11.422 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF133868.D

Acq: 21 Jun 2023 13:36

Instrument :

BNA_F

ClientSampleId :

PB153548BS

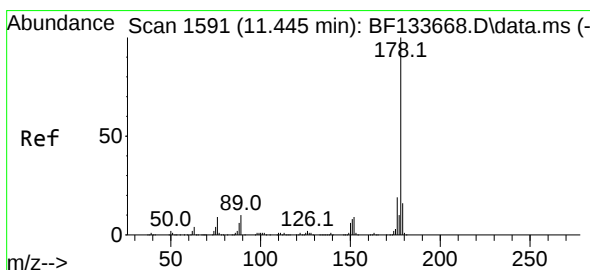
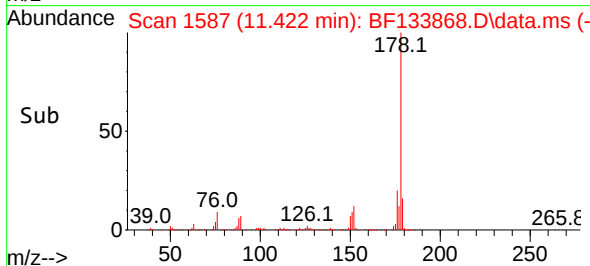
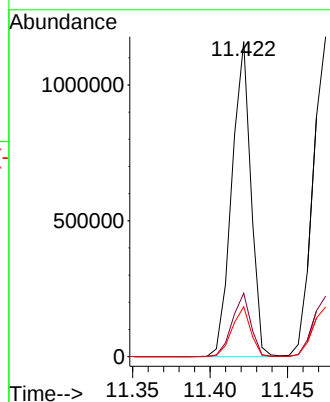
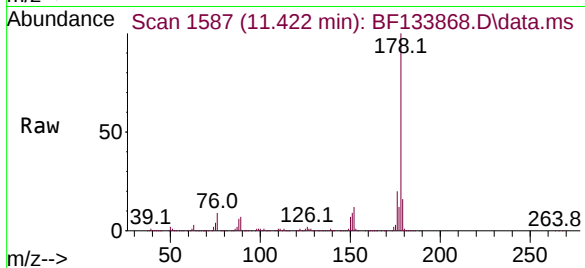
Tgt Ion:178 Resp: 988865

Ion Ratio Lower Upper

178 100

176 20.2 15.6 23.4

179 15.8 12.4 18.6



#72

Anthracene

Concen: 39.488 ng

RT: 11.475 min Scan# 1596

Delta R.T. 0.006 min

Lab File: BF133868.D

Acq: 21 Jun 2023 13:36

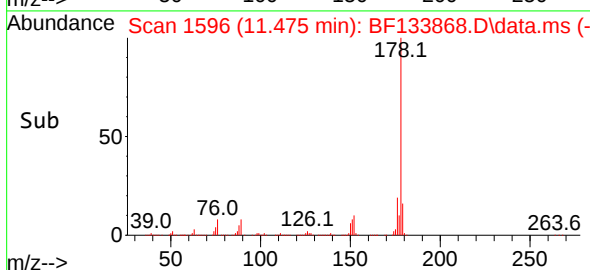
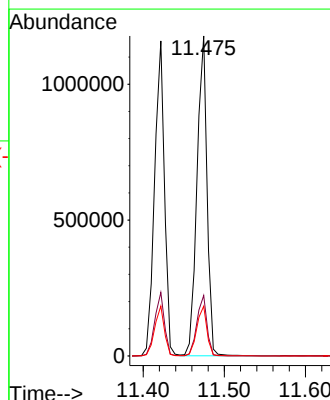
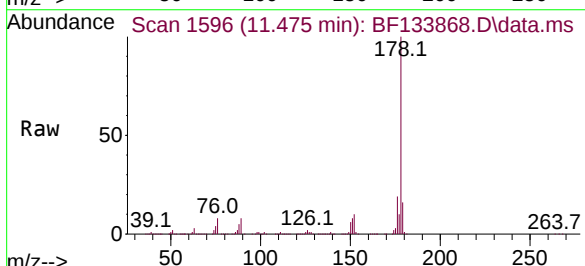
Tgt Ion:178 Resp: 1008898

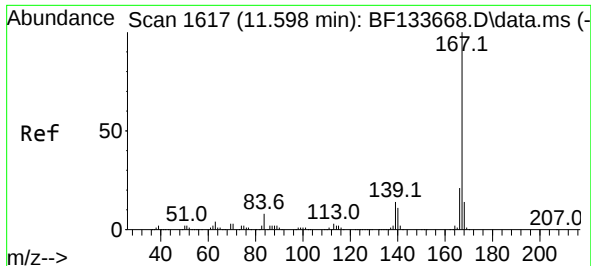
Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

179 15.5 12.6 18.8

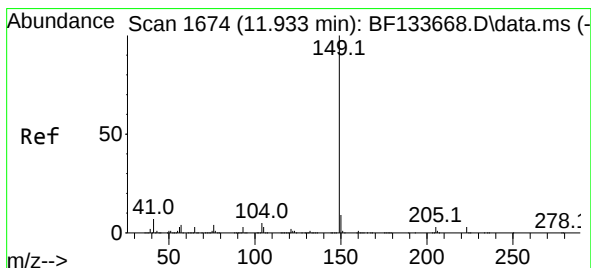
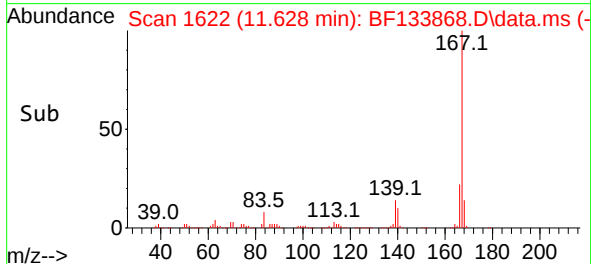
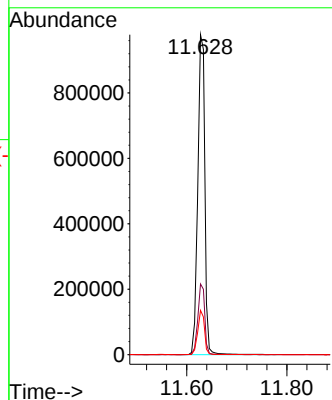
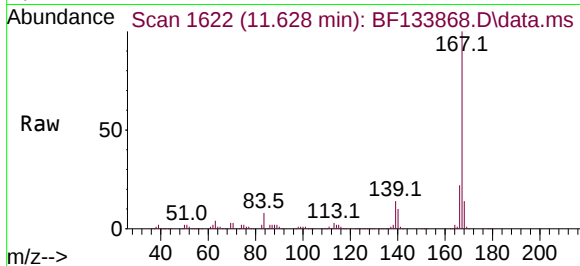




#73
Carbazole
Concen: 39.931 ng
RT: 11.628 min Scan# 1622
Delta R.T. 0.006 min
Lab File: BF133868.D
Acq: 21 Jun 2023 13:36

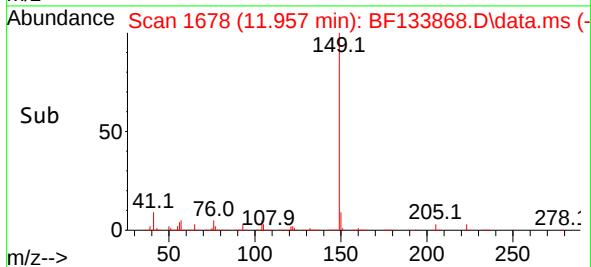
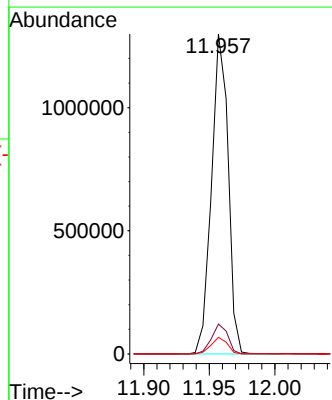
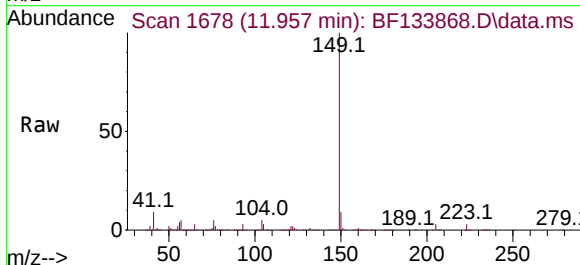
Instrument :
BNA_F
ClientSampleId :
PB153548BS

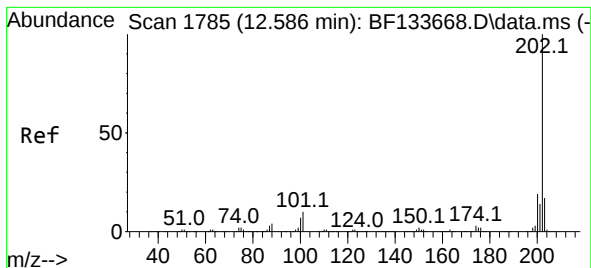
Tgt Ion:167 Resp: 950210
Ion Ratio Lower Upper
167 100
166 22.1 17.0 25.6
139 13.8 11.2 16.8



#74
Di-n-butylphthalate
Concen: 37.531 ng
RT: 11.957 min Scan# 1678
Delta R.T. 0.006 min
Lab File: BF133868.D
Acq: 21 Jun 2023 13:36

Tgt Ion:149 Resp: 1144922
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.0
104 5.2 3.8 5.8





#75

Fluoranthene

Concen: 39.546 ng

RT: 12.616 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF133868.D

Acq: 21 Jun 2023 13:36

Instrument :

BNA_F

ClientSampleId :

PB153548BS

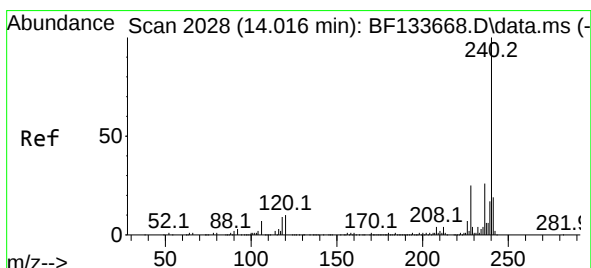
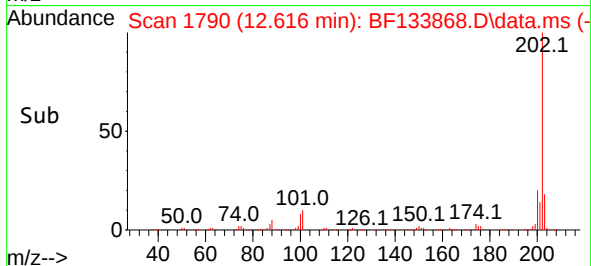
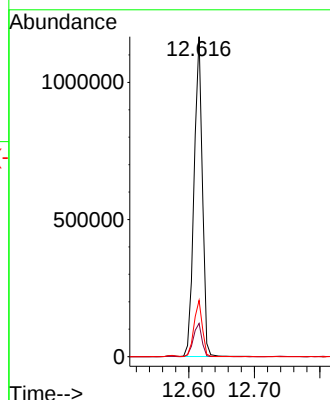
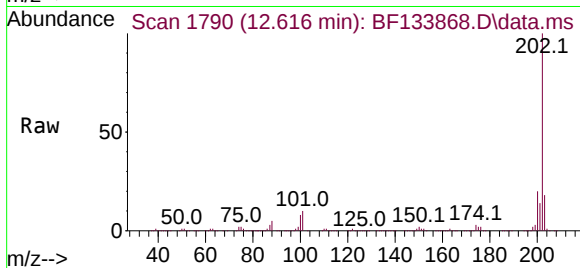
Tgt Ion:202 Resp: 1029019

Ion Ratio Lower Upper

202 100

101 10.4 0.0 29.6

203 17.6 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BF133868.D

Acq: 21 Jun 2023 13:36

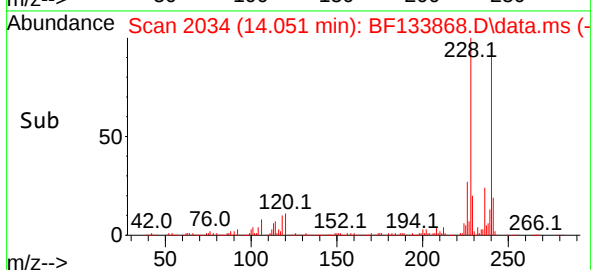
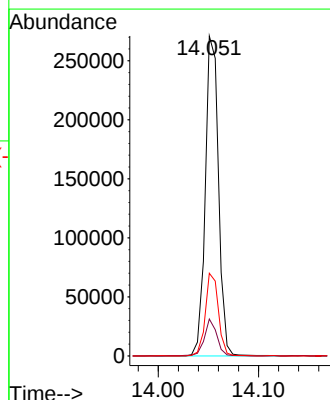
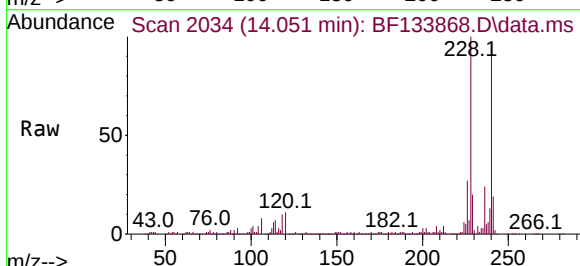
Tgt Ion:240 Resp: 247004

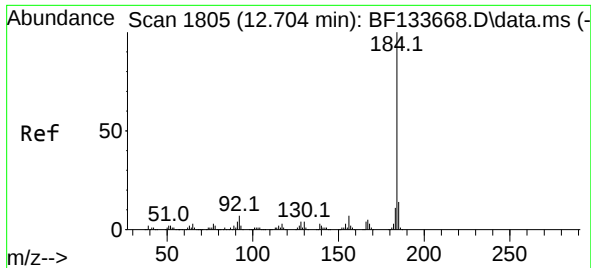
Ion Ratio Lower Upper

240 100

120 11.5 8.1 12.1

236 25.9 20.5 30.7

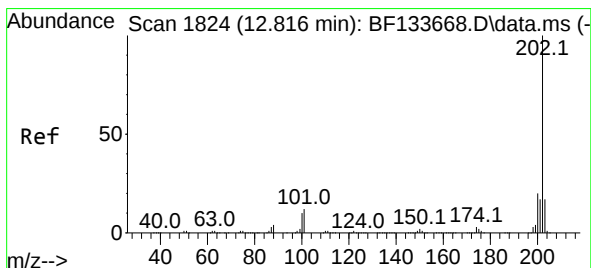
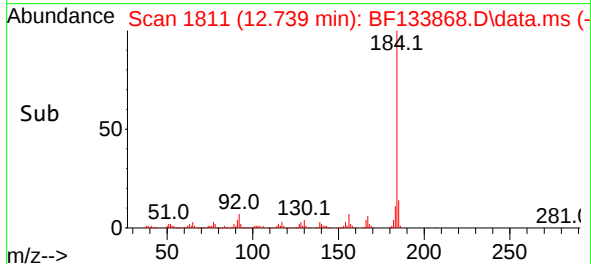
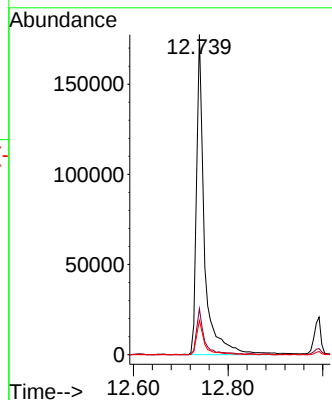
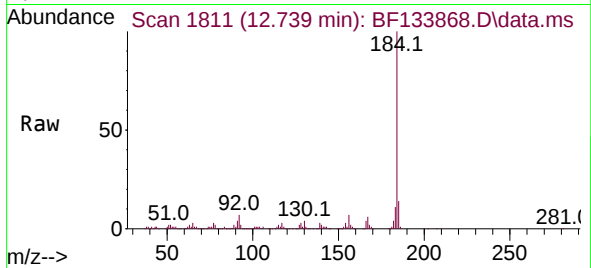




#77
Benzidine
Concen: 24.987 ng
RT: 12.739 min Scan# 1811
Delta R.T. 0.006 min
Lab File: BF133868.D
Acq: 21 Jun 2023 13:36

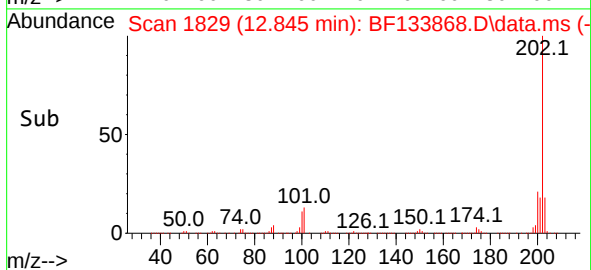
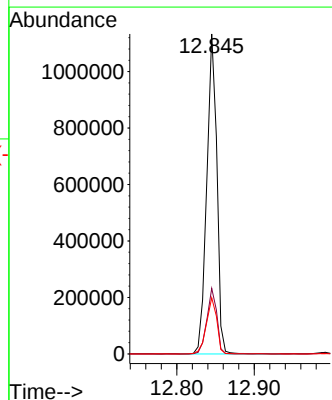
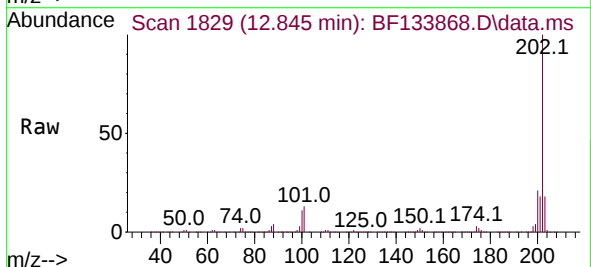
Instrument :
BNA_F
ClientSampleId :
PB153548BS

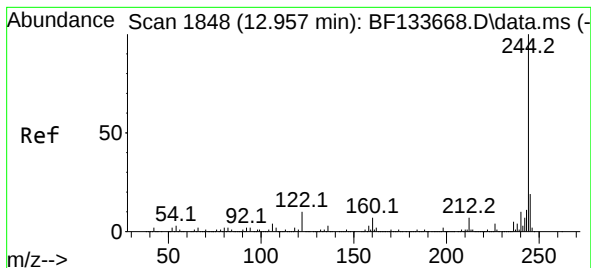
Tgt Ion:184 Resp: 207105
Ion Ratio Lower Upper
184 100
185 14.3 11.6 17.4
183 10.7 8.4 12.6



#78
Pyrene
Concen: 44.493 ng
RT: 12.845 min Scan# 1829
Delta R.T. 0.006 min
Lab File: BF133868.D
Acq: 21 Jun 2023 13:36

Tgt Ion:202 Resp: 1023761
Ion Ratio Lower Upper
202 100
200 20.5 16.2 24.2
203 17.5 13.9 20.9





#79

Terphenyl-d14

Concen: 85.612 ng

RT: 12.992 min Scan# 1848

Delta R.T. 0.006 min

Lab File: BF133868.D

Acq: 21 Jun 2023 13:36

Instrument :

BNA_F

ClientSampleId :

PB153548BS

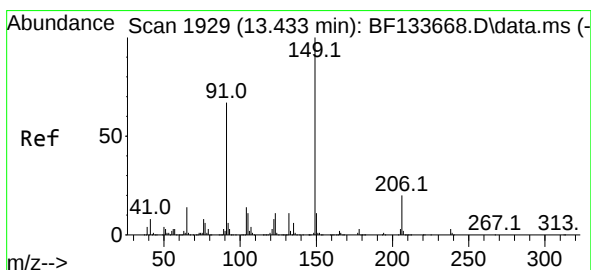
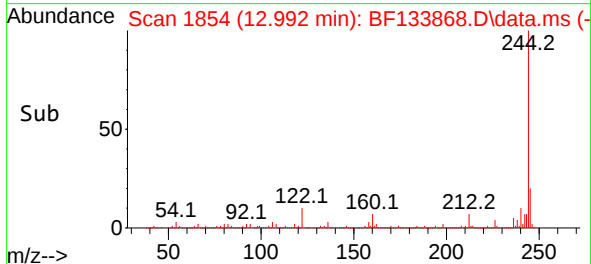
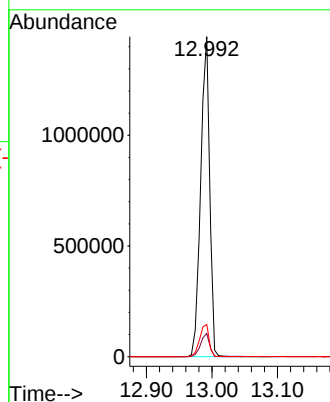
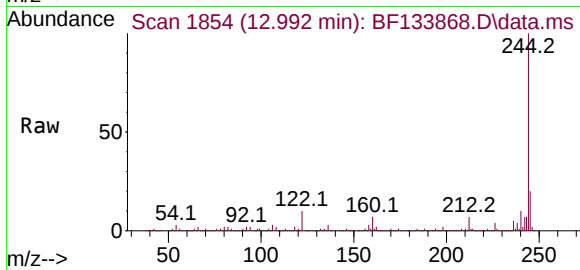
Tgt Ion:244 Resp: 1366625

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.2

122 10.0 8.1 12.1



#80

Butylbenzylphthalate

Concen: 39.561 ng

RT: 13.469 min Scan# 1935

Delta R.T. 0.006 min

Lab File: BF133868.D

Acq: 21 Jun 2023 13:36

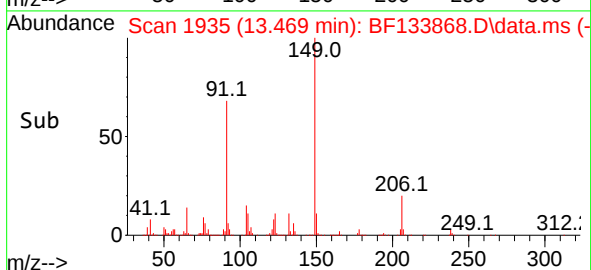
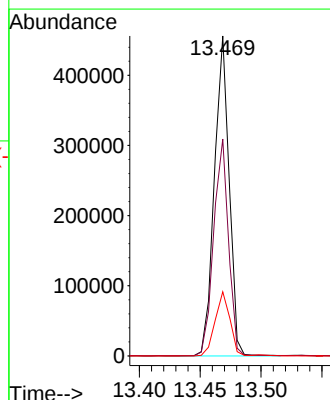
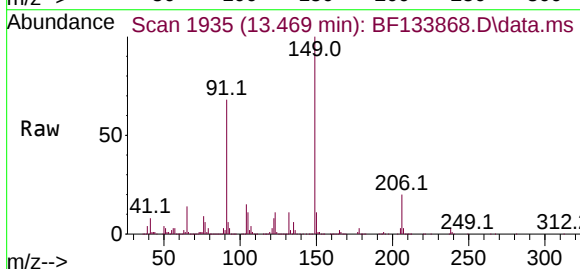
Tgt Ion:149 Resp: 384287

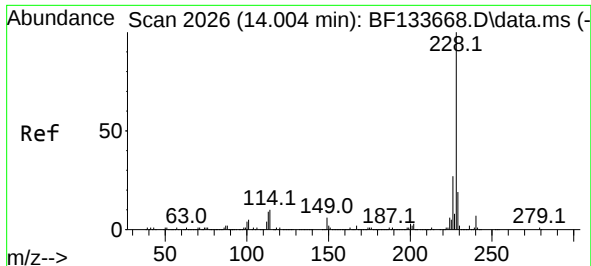
Ion Ratio Lower Upper

149 100

91 67.8 54.0 81.0

206 20.0 15.6 23.4

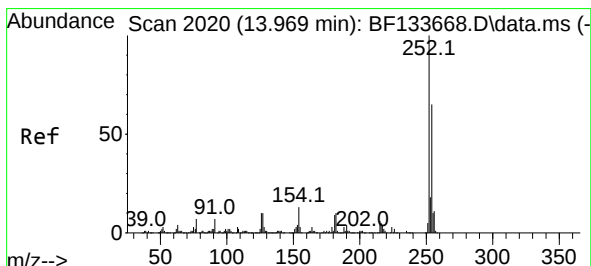
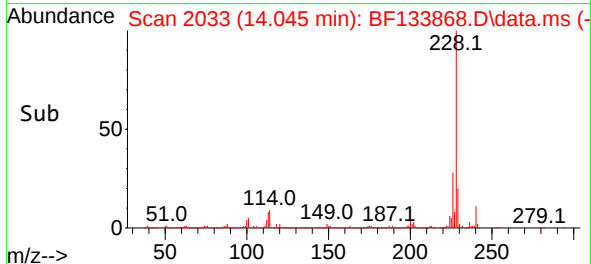
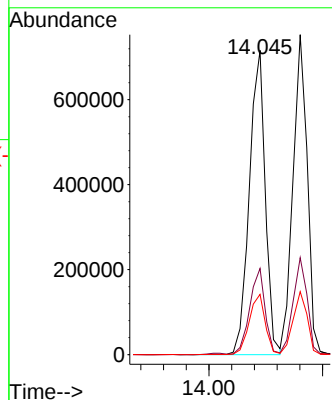
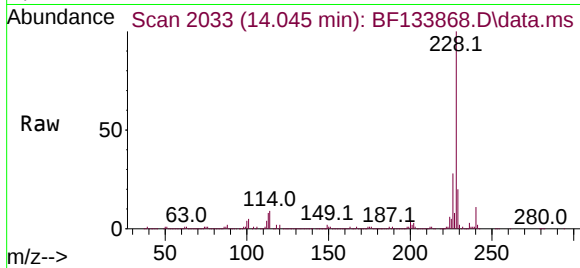




#81
Benzo(a)anthracene
Concen: 40.683 ng
RT: 14.045 min Scan# 2026
Delta R.T. 0.012 min
Lab File: BF133868.D
Acq: 21 Jun 2023 13:36

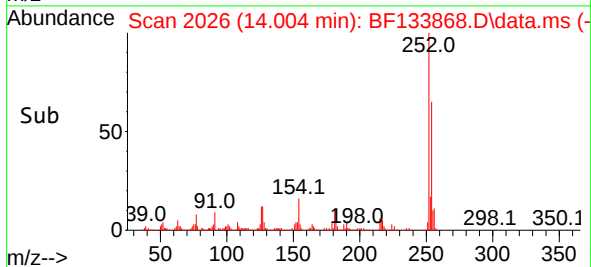
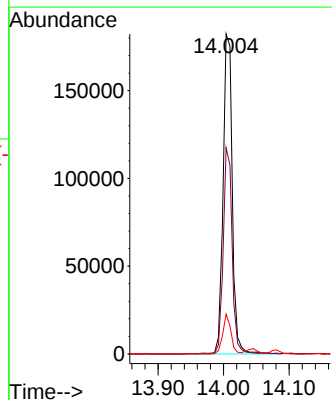
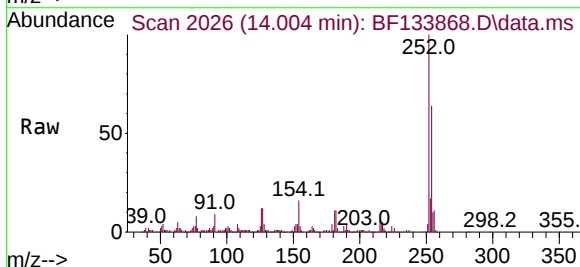
Instrument :
BNA_F
ClientSampleId :
PB153548BS

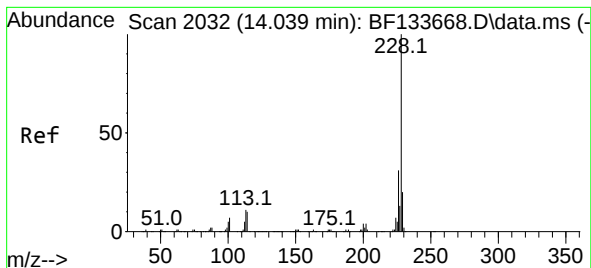
Tgt Ion:228 Resp: 695082
Ion Ratio Lower Upper
228 100
226 28.3 21.7 32.5
229 19.8 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 31.365 ng
RT: 14.004 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BF133868.D
Acq: 21 Jun 2023 13:36

Tgt Ion:252 Resp: 178158
Ion Ratio Lower Upper
252 100
254 64.5 51.9 77.9
126 12.4 7.7 11.5#





#83

Chrysene

Concen: 40.664 ng

RT: 14.080 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF133868.D

Acq: 21 Jun 2023 13:36

Instrument :

BNA_F

ClientSampleId :

PB153548BS

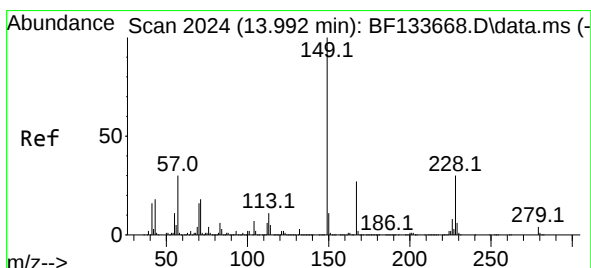
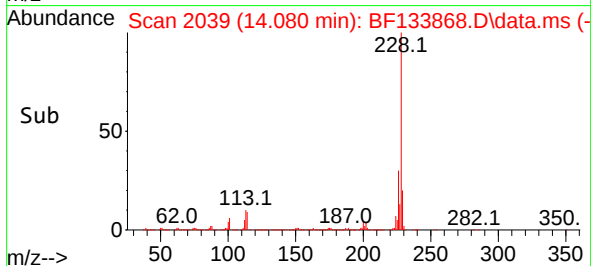
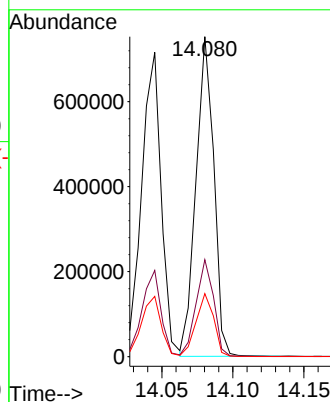
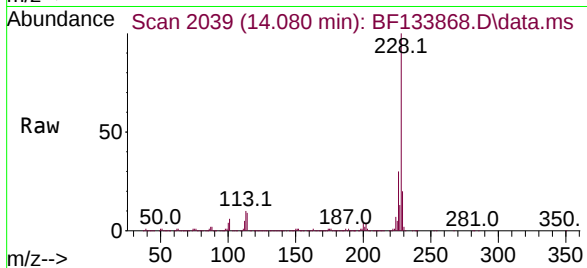
Tgt Ion:228 Resp: 657124

Ion Ratio Lower Upper

228 100

226 30.3 25.0 37.6

229 19.7 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.349 ng

RT: 14.033 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF133868.D

Acq: 21 Jun 2023 13:36

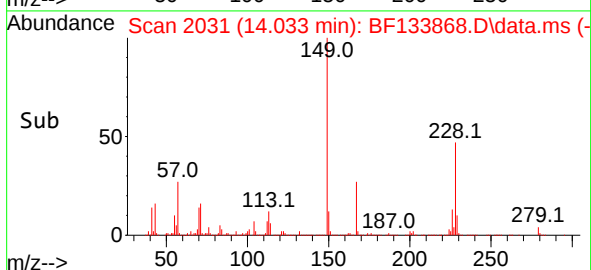
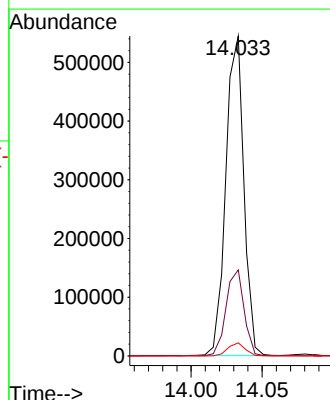
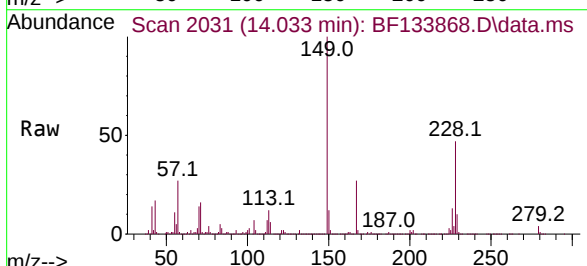
Tgt Ion:149 Resp: 482598

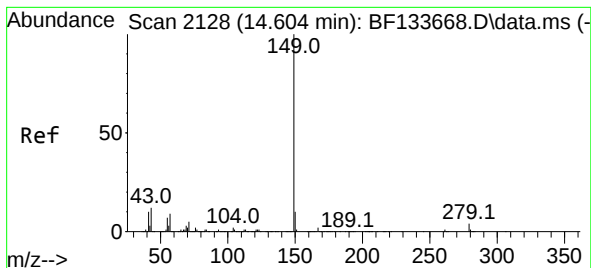
Ion Ratio Lower Upper

149 100

167 26.9 21.8 32.8

279 4.1 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 39.460 ng

RT: 14.651 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF133868.D

Acq: 21 Jun 2023 13:36

Instrument :

BNA_F

ClientSampleId :

PB153548BS

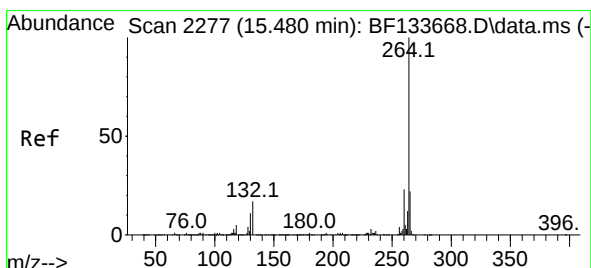
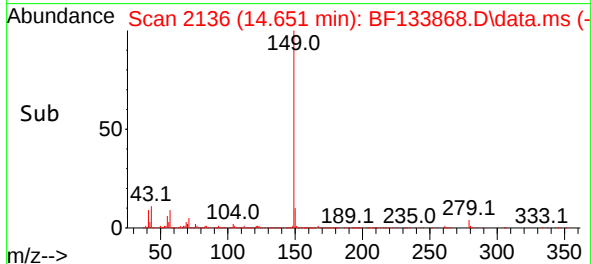
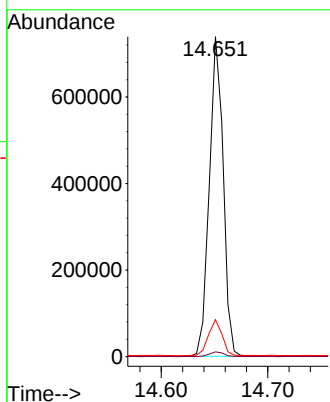
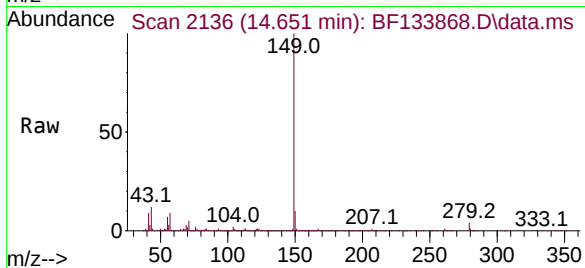
Tgt Ion:149 Resp: 670685

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 11.2 8.7 13.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.563 min Scan# 2291

Delta R.T. 0.012 min

Lab File: BF133868.D

Acq: 21 Jun 2023 13:36

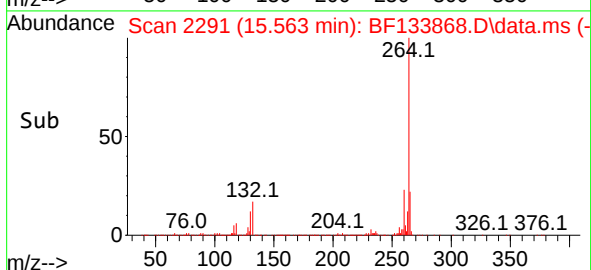
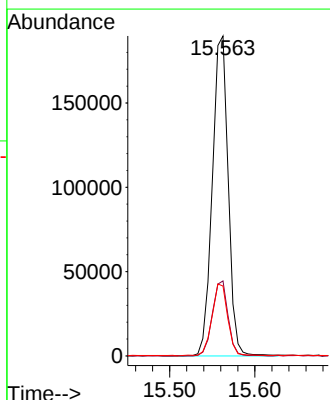
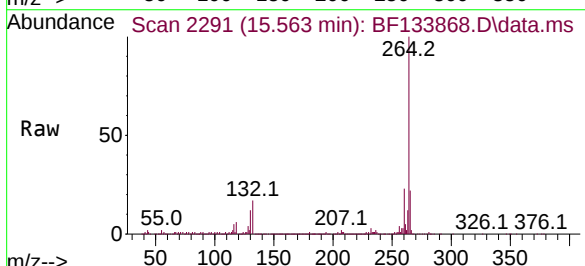
Tgt Ion:264 Resp: 245648

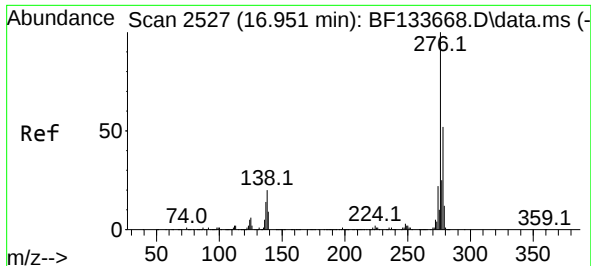
Ion Ratio Lower Upper

264 100

260 23.4 18.2 27.2

265 21.9 17.8 26.6

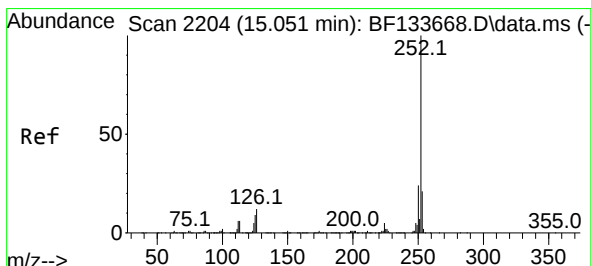
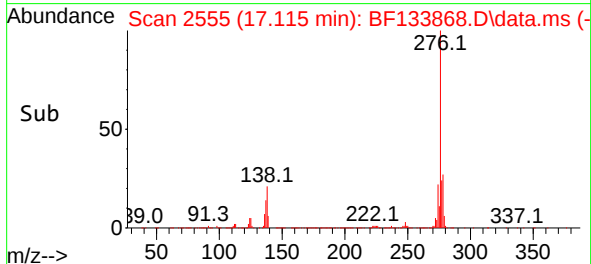
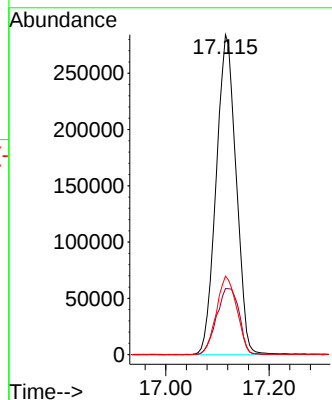
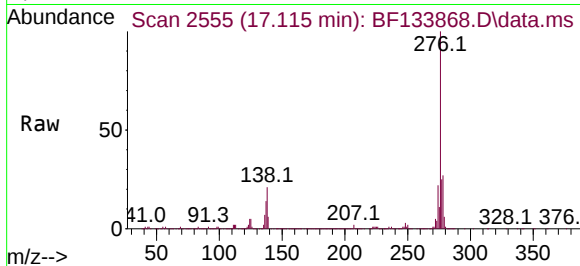




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.335 ng
 RT: 17.115 min Scan# 2115
 Delta R.T. 0.018 min
 Lab File: BF133868.D
 Acq: 21 Jun 2023 13:36

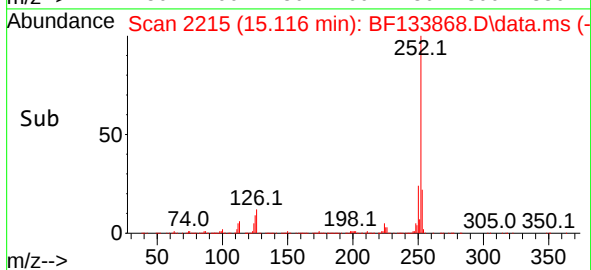
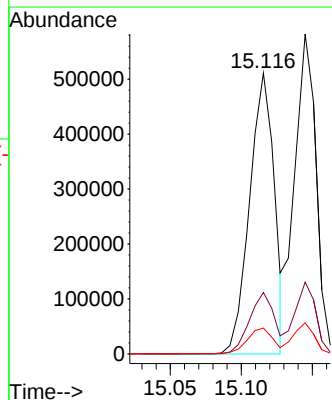
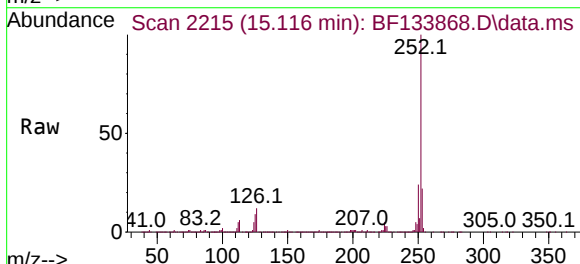
Instrument :
 BNA_F
 ClientSampleId :
 PB153548BS

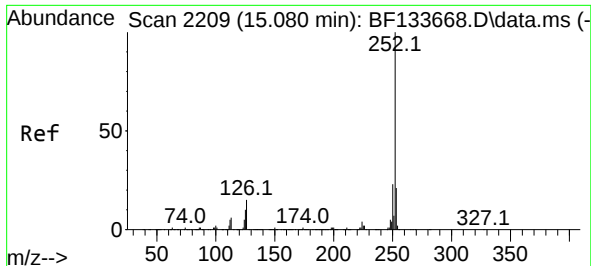
Tgt Ion:276 Resp: 766154
 Ion Ratio Lower Upper
 276 100
 138 23.6 17.9 26.9
 277 25.2 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 41.469 ng
 RT: 15.116 min Scan# 2215
 Delta R.T. 0.012 min
 Lab File: BF133868.D
 Acq: 21 Jun 2023 13:36

Tgt Ion:252 Resp: 618802
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.0 25.6
 125 9.2 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 42.307 ng

RT: 15.145 min Scan# 2210

Delta R.T. 0.012 min

Lab File: BF133868.D

Acq: 21 Jun 2023 13:36

Instrument :

BNA_F

ClientSampleId :

PB153548BS

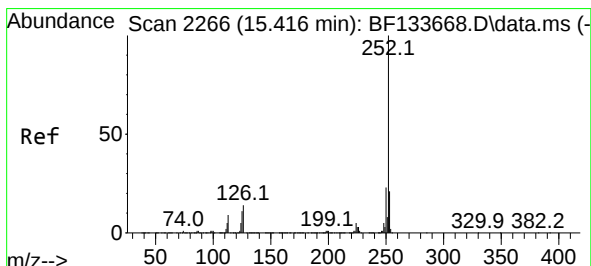
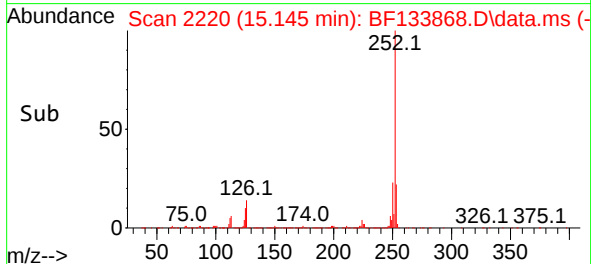
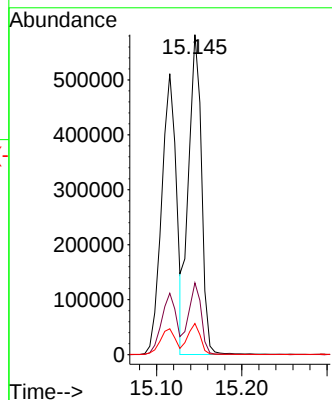
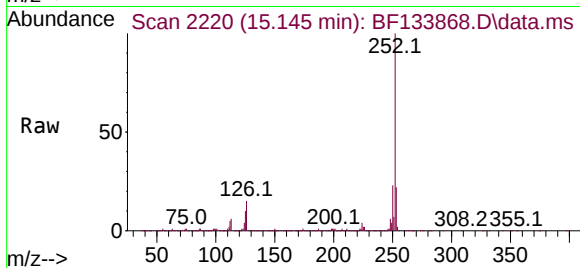
Tgt Ion:252 Resp: 614968

Ion Ratio Lower Upper

252 100

253 22.4 17.0 25.4

125 9.7 7.8 11.6



#90

Benzo(a)pyrene

Concen: 41.485 ng

RT: 15.498 min Scan# 2280

Delta R.T. 0.012 min

Lab File: BF133868.D

Acq: 21 Jun 2023 13:36

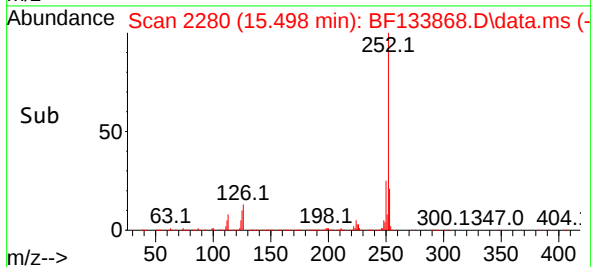
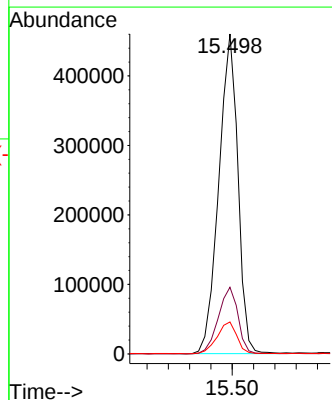
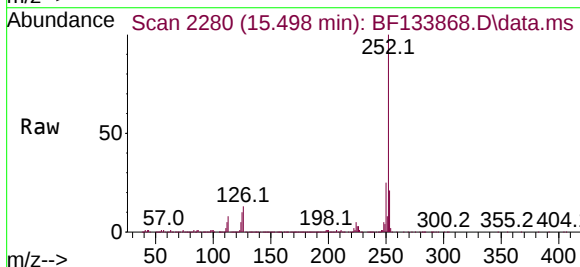
Tgt Ion:252 Resp: 574512

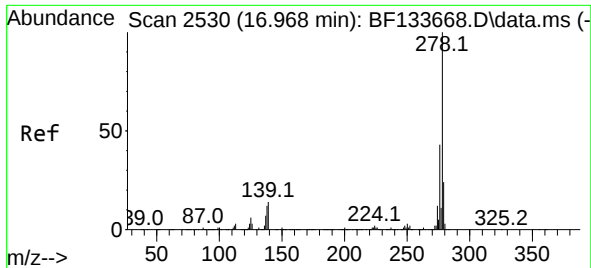
Ion Ratio Lower Upper

252 100

253 20.8 17.1 25.7

125 10.0 8.6 13.0

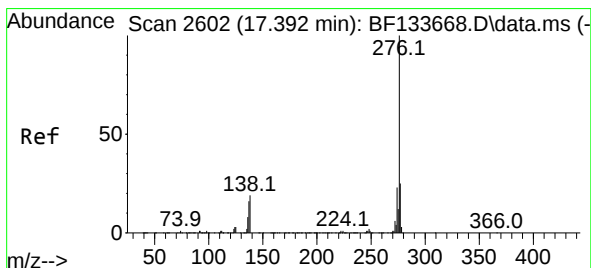
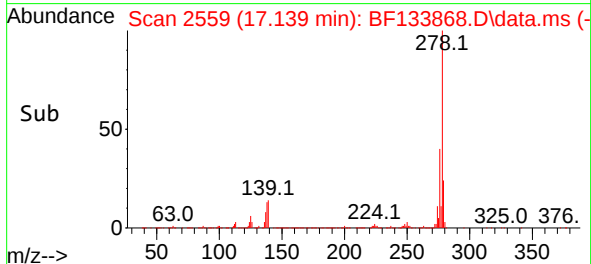
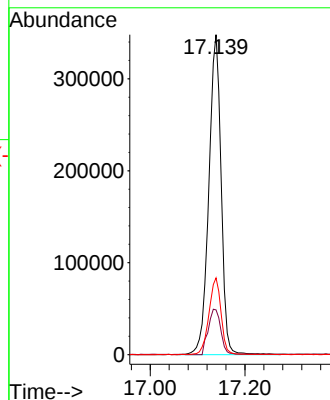
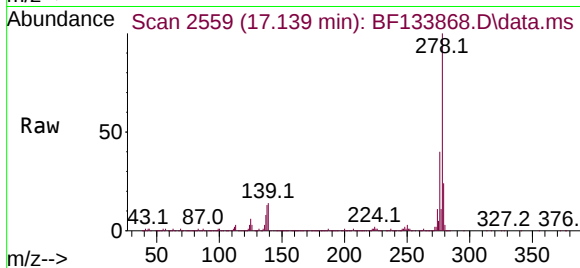




#91
 Dibenzo(a,h)anthracene
 Concen: 44.761 ng
 RT: 17.139 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BF133868.D
 Acq: 21 Jun 2023 13:36

Instrument :
 BNA_F
 ClientSampleId :
 PB153548BS

Tgt Ion:278 Resp: 626269
 Ion Ratio Lower Upper
 278 100
 139 14.0 11.4 17.2
 279 24.0 19.0 28.4



#92
 Benzo(g,h,i)perylene
 Concen: 45.296 ng
 RT: 17.592 min Scan# 2636
 Delta R.T. 0.018 min
 Lab File: BF133868.D
 Acq: 21 Jun 2023 13:36

Tgt Ion:276 Resp: 628346
 Ion Ratio Lower Upper
 276 100
 277 23.3 19.8 29.8
 138 19.2 15.0 22.4

