

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070924\
 Data File : BF138490.D
 Acq On : 09 Jul 2024 17:48
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF070924

Quant Time: Jul 09 18:16:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	94297	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	377907	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	211100	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	371389	20.000	ng	0.00
76) Chrysene-d12	14.021	240	181868	20.000	ng	0.00
86) Perylene-d12	15.486	264	169805	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	474210	79.645	ng	0.00
7) Phenol-d6	6.504	99	629913	79.529	ng	0.00
23) Nitrobenzene-d5	7.434	82	609669	79.208	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	156412	79.279	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1040671	77.047	ng	0.00
79) Terphenyl-d14	12.969	244	912694	81.756	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	105847	40.139	ng	98
3) Pyridine	3.387	79	265549	40.835	ng	95
4) n-Nitrosodimethylamine	3.352	42	174019	41.107	ng	99
6) Aniline	6.534	93	302954	40.836	ng	97
8) 2-Chlorophenol	6.657	128	254221	40.380	ng	100
9) Benzaldehyde	6.422	77	172596	40.711	ng	97
10) Phenol	6.516	94	341354	40.602	ng	96
11) bis(2-Chloroethyl)ether	6.604	93	251295	39.700	ng	98
12) 1,3-Dichlorobenzene	6.810	146	282650	39.941	ng	99
13) 1,4-Dichlorobenzene	6.887	146	285841	39.776	ng	99
14) 1,2-Dichlorobenzene	7.040	146	267110	39.908	ng	98
15) Benzyl Alcohol	7.010	79	240931	40.532	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	501147	40.260	ng	99
17) 2-Methylphenol	7.122	107	206903	40.100	ng	98
18) Hexachloroethane	7.381	117	107684	40.761	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	190821	38.990	ng	99
20) 3+4-Methylphenols	7.275	107	257995	39.707	ng	89
22) Acetophenone	7.281	105	350916	38.233	ng	99
24) Nitrobenzene	7.451	77	311588	39.835	ng	99
25) Isophorone	7.687	82	521243	39.434	ng	99
26) 2-Nitrophenol	7.769	139	139437	41.592	ng	95
27) 2,4-Dimethylphenol	7.804	122	163819	39.758	ng	97
28) bis(2-Chloroethoxy)met...	7.898	93	312981	39.619	ng	98
29) 2,4-Dichlorophenol	8.010	162	215455	40.267	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	245543	39.393	ng	98
31) Naphthalene	8.175	128	772848	39.322	ng	99
32) Benzoic acid	7.928	122	166336	42.326	ng	94
33) 4-Chloroaniline	8.222	127	270970	39.293	ng	99
34) Hexachlorobutadiene	8.287	225	151484	39.466	ng	99
35) Caprolactam	8.598	113	70147	40.627	ng	97
36) 4-Chloro-3-methylphenol	8.704	107	236650	39.506	ng	99
37) 2-Methylnaphthalene	8.863	142	491021	38.822	ng	99
38) 1-Methylnaphthalene	8.963	142	483053	39.133	ng	98
40) 1,2,4,5-Tetrachloroben...	9.028	216	232383	39.498	ng	99
41) Hexachlorocyclopentadiene	9.010	237	79560	41.662	ng	100
43) 2,4,6-Trichlorophenol	9.139	196	153575	40.921	ng	97

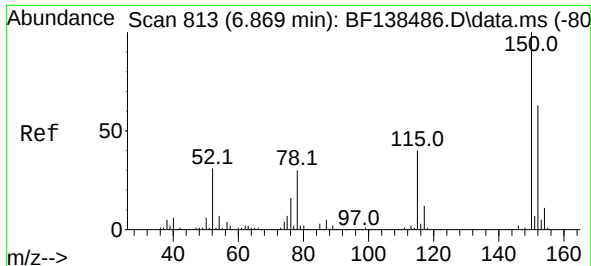
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	164032	39.738	ng	# 92
46) 1,1'-Biphenyl	9.328	154	624838	39.057	ng	100
47) 2-Chloronaphthalene	9.351	162	476477	39.424	ng	99
48) 2-Nitroaniline	9.445	65	171458	40.939	ng	92
49) Acenaphthylene	9.763	152	679075	39.575	ng	100
50) Dimethylphthalate	9.628	163	545149	39.937	ng	100
51) 2,6-Dinitrotoluene	9.692	165	126424	40.225	ng	96
52) Acenaphthene	9.939	154	456310	40.006	ng	99
53) 3-Nitroaniline	9.857	138	130288	40.446	ng	89
54) 2,4-Dinitrophenol	9.963	184	65426	41.193	ng	94
55) Dibenzofuran	10.110	168	649966	39.287	ng	98
56) 4-Nitrophenol	10.022	139	98714	41.532	ng	96
57) 2,4-Dinitrotoluene	10.092	165	168711	41.488	ng	96
58) Fluorene	10.451	166	512982	39.187	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.228	232	133486	40.976	ng	100
60) Diethylphthalate	10.322	149	528230	40.141	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	257489	39.172	ng	98
62) 4-Nitroaniline	10.475	138	130202	40.336	ng	99
63) Azobenzene	10.604	77	563395	39.822	ng	99
65) 4,6-Dinitro-2-methylph...	10.498	198	95875	44.709	ng	# 76
66) n-Nitrosodiphenylamine	10.563	169	434348	39.035	ng	98
67) 4-Bromophenyl-phenylether	10.933	248	151962	39.810	ng	96
68) Hexachlorobenzene	10.998	284	167404	39.477	ng	94
69) Atrazine	11.086	200	144073	39.053	ng	97
70) Pentachlorophenol	11.192	266	104906	41.807	ng	98
71) Phenanthrene	11.416	178	729667	38.889	ng	100
72) Anthracene	11.463	178	729445	39.164	ng	99
73) Carbazole	11.622	167	653335	39.033	ng	98
74) Di-n-butylphthalate	11.945	149	772023	40.015	ng	99
75) Fluoranthene	12.598	202	742797	38.797	ng	98
77) Benzidine	12.722	184	212686	46.352	ng	99
78) Pyrene	12.827	202	749590	40.602	ng	99
80) Butylbenzylphthalate	13.445	149	238205	42.891	ng	95
81) Benzo(a)anthracene	14.010	228	471978	38.676	ng	98
82) 3,3'-Dichlorobenzidine	13.974	252	127660	40.598	ng	98
83) Chrysene	14.051	228	452303	39.179	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	250586	42.306	ng	98
85) Di-n-octyl phthalate	14.610	149	369582	39.498	ng	99
87) Indeno(1,2,3-cd)pyrene	16.957	276	494659	43.369	ng	100
88) Benzo(b)fluoranthene	15.057	252	384366	40.193	ng	100
89) Benzo(k)fluoranthene	15.086	252	338198	36.262	ng	100
90) Benzo(a)pyrene	15.427	252	334094	39.770	ng	97
91) Dibenzo(a,h)anthracene	16.974	278	407227	43.647	ng	99
92) Benzo(g,h,i)perylene	17.404	276	426978	43.157	ng	98

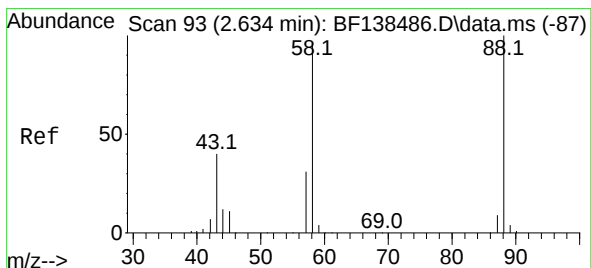
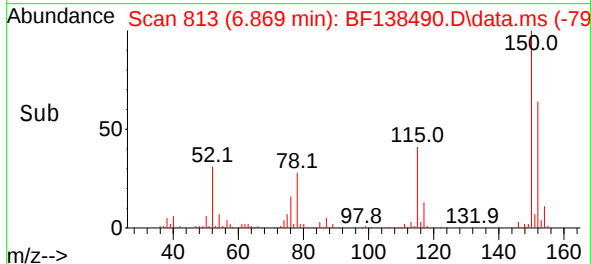
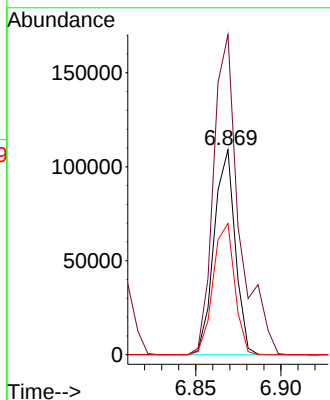
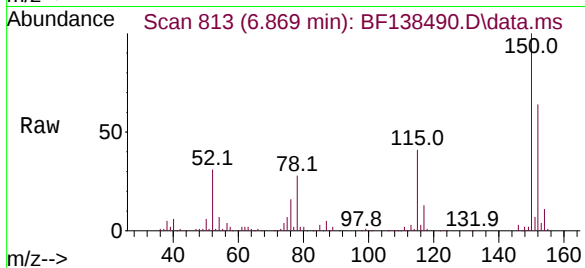
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF138490.D
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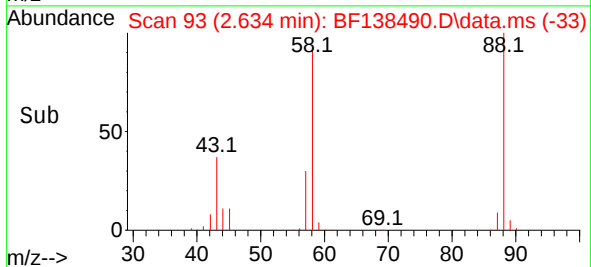
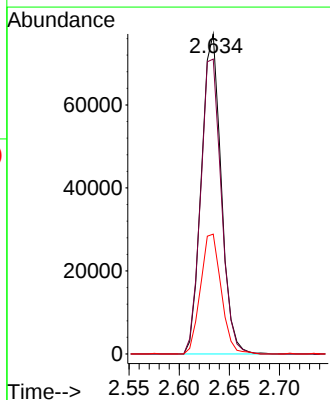
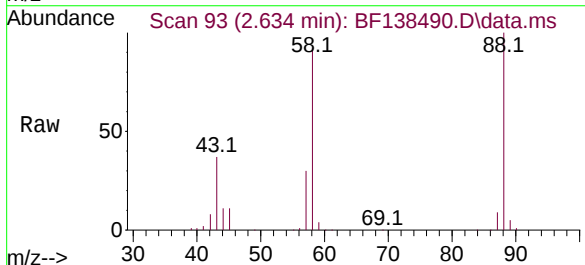
Instrument :
BNA_F
ClientSampleId :
ICVBF070924

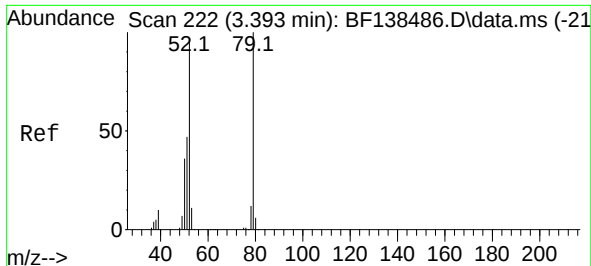
Tgt Ion:152 Resp: 94297
Ion Ratio Lower Upper
152 100
150 156.1 126.2 189.4
115 64.0 50.3 75.5



#2
1,4-Dioxane
Concen: 40.139 ng
RT: 2.634 min Scan# 93
Delta R.T. 0.000 min
Lab File: BF138490.D
Acq: 09 Jul 2024 17:48

Tgt Ion: 88 Resp: 105847
Ion Ratio Lower Upper
88 100
58 95.9 74.6 112.0
43 39.2 31.8 47.6





#3

Pyridine

Concen: 40.835 ng

RT: 3.387 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF138490.D

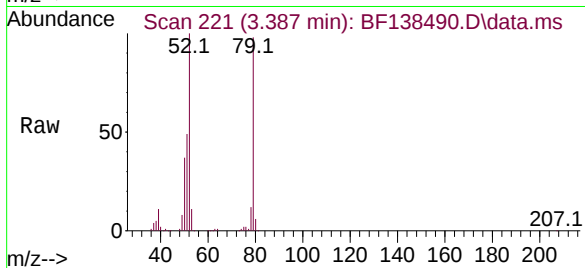
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Instrument :

BNA_F

ClientSampleId :

ICVBF070924



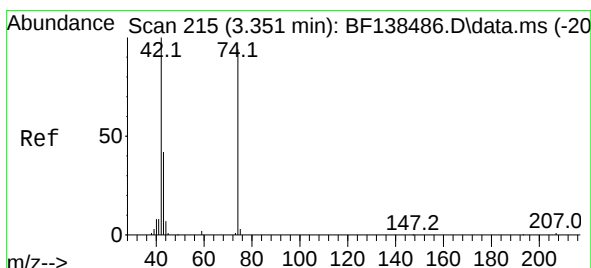
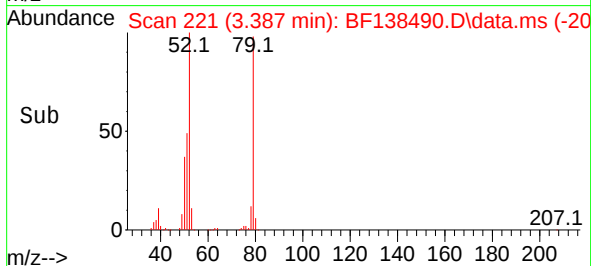
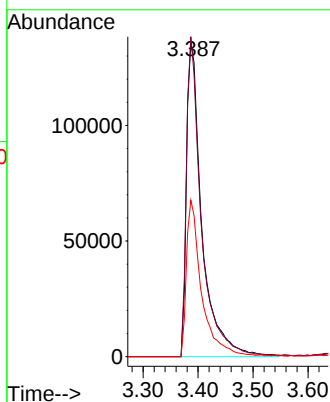
Tgt Ion: 79 Resp: 265549

Ion Ratio Lower Upper

79 100

52 101.7 77.4 116.2

51 49.7 37.4 56.0



#4

n-Nitrosodimethylamine

Concen: 41.107 ng

RT: 3.352 min Scan# 215

Delta R.T. 0.000 min

Lab File: BF138490.D

Acq: 09 Jul 2024 17:48

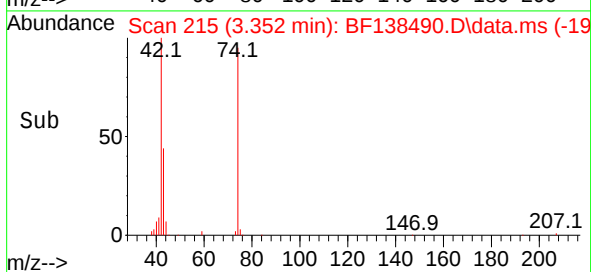
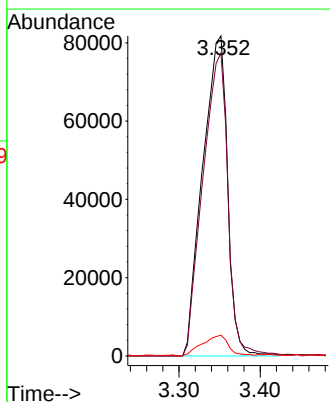
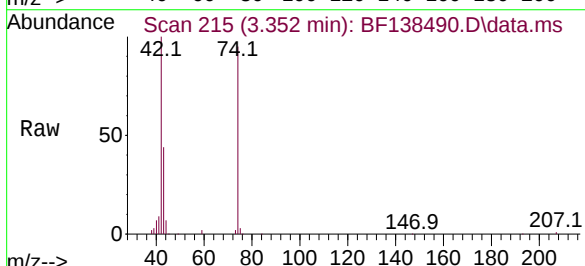
Tgt Ion: 42 Resp: 174019

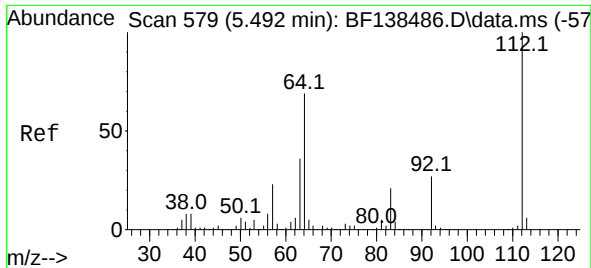
Ion Ratio Lower Upper

42 100

74 94.6 75.0 112.6

44 6.5 5.4 8.2

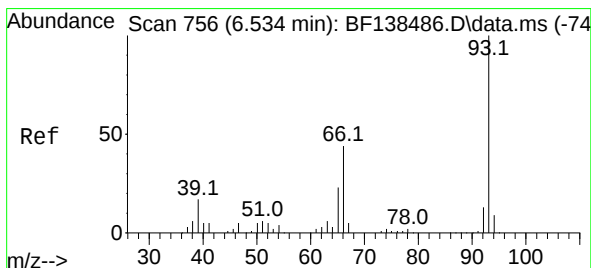
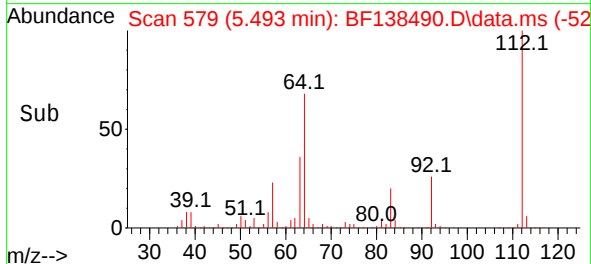
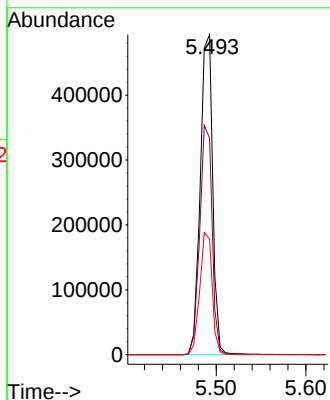
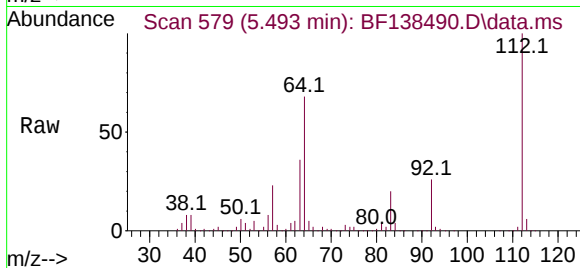




#5
2-Fluorophenol
Concen: 79.645 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF138490.D
Acq: 09 Jul 2024 17:48

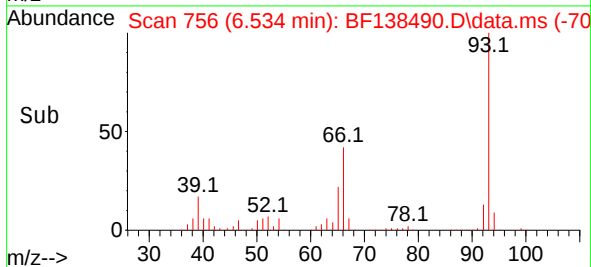
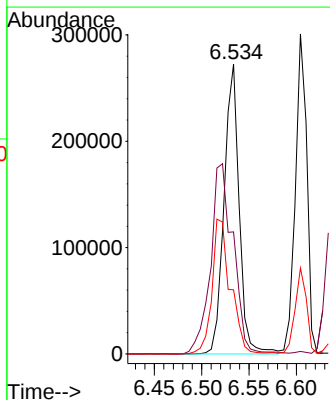
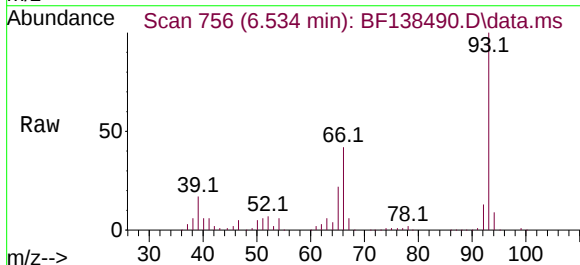
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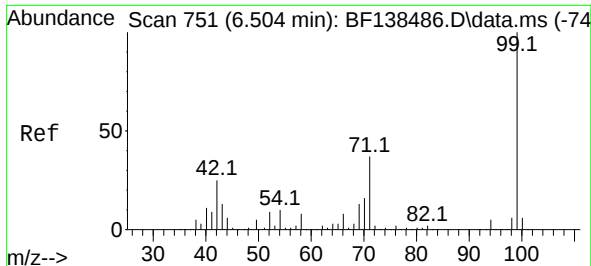
Tgt Ion:112 Resp: 474210
Ion Ratio Lower Upper
112 100
64 67.6 55.1 82.7
63 36.1 29.0 43.6



#6
Aniline
Concen: 40.836 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF138490.D
Acq: 09 Jul 2024 17:48

Tgt Ion: 93 Resp: 302954
Ion Ratio Lower Upper
93 100
66 42.1 35.4 53.0
65 22.2 18.6 27.8

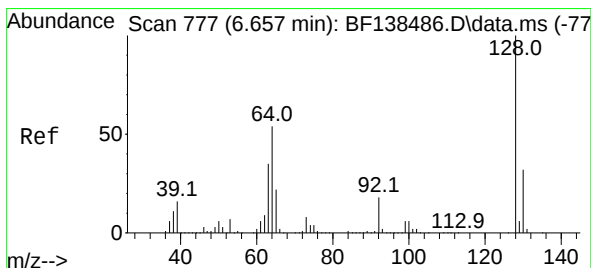
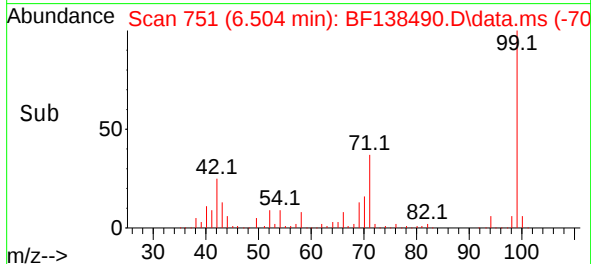
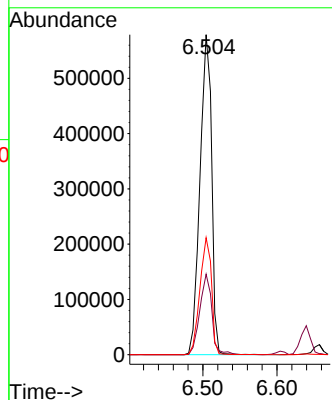
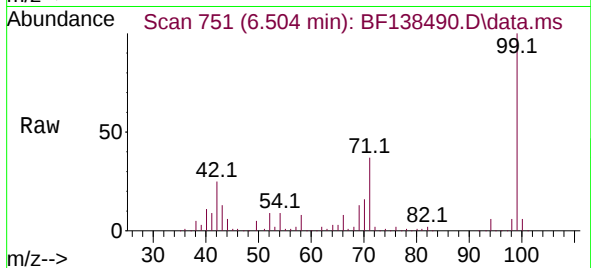




#7
Phenol-d6
Concen: 79.529 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF138490.D
Acq: 09 Jul 2024 17:48

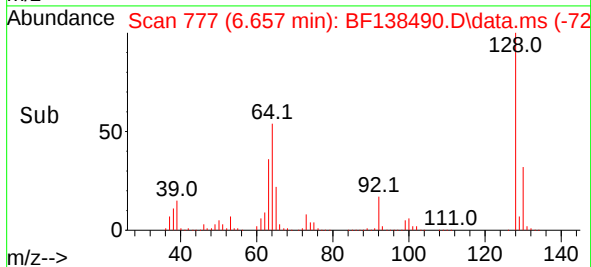
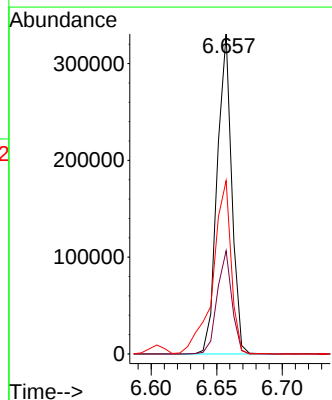
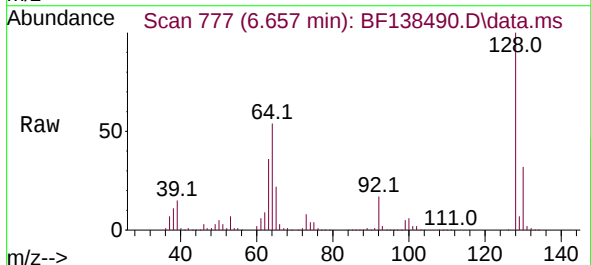
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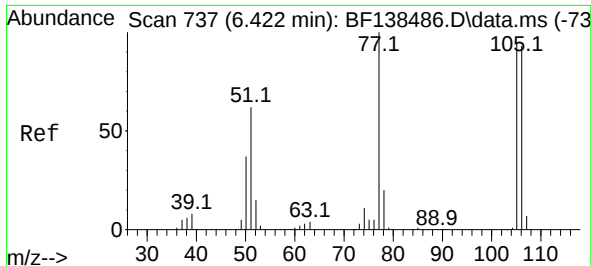
Tgt Ion: 99 Resp: 629913
Ion Ratio Lower Upper
99 100
42 25.2 19.7 29.5
71 36.6 29.9 44.9



#8
2-Chlorophenol
Concen: 40.380 ng
RT: 6.657 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF138490.D
Acq: 09 Jul 2024 17:48

Tgt Ion:128 Resp: 254221
Ion Ratio Lower Upper
128 100
130 32.3 12.1 52.1
64 54.2 34.4 74.4





#9

Benzaldehyde

Concen: 40.711 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF138490.D

Acq: 09 Jul 2024 17:48

Instrument :

BNA_F

ClientSampleId :

ICVBF070924

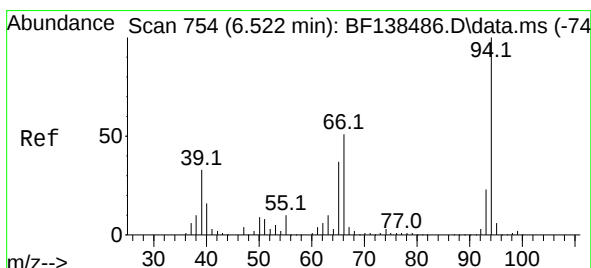
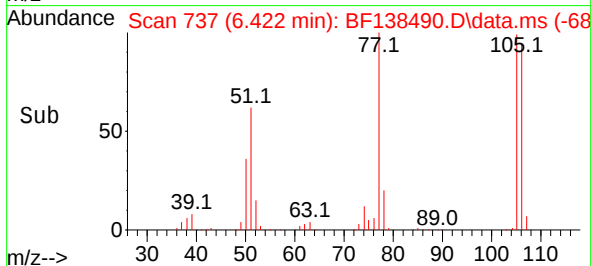
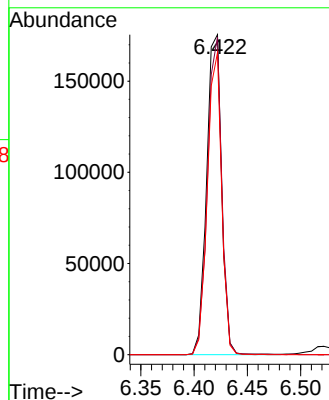
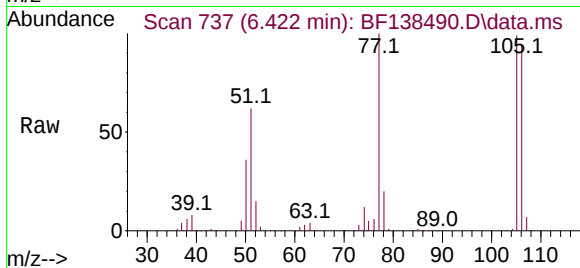
Tgt Ion: 77 Resp: 172596

Ion Ratio Lower Upper

77 100

105 99.3 75.1 115.1

106 94.3 73.2 113.2



#10

Phenol

Concen: 40.602 ng

RT: 6.516 min Scan# 753

Delta R.T. -0.006 min

Lab File: BF138490.D

Acq: 09 Jul 2024 17:48

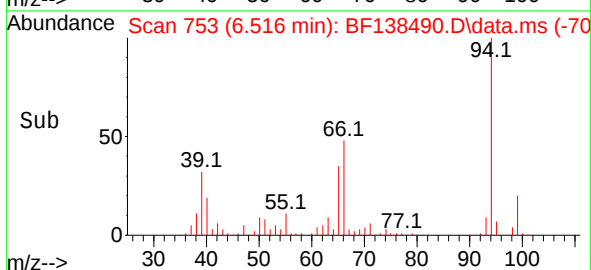
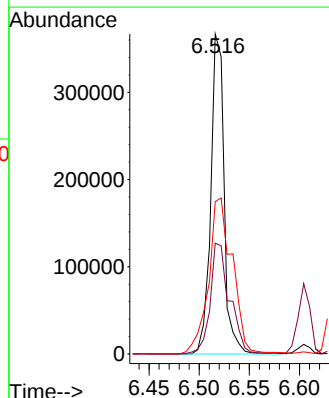
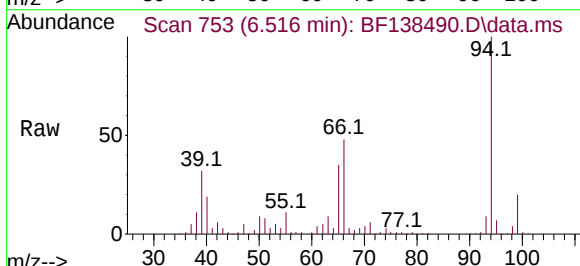
Tgt Ion: 94 Resp: 341354

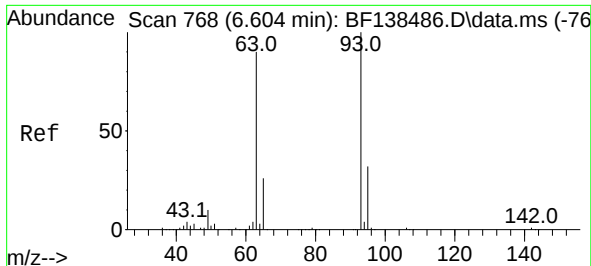
Ion Ratio Lower Upper

94 100

65 34.6 16.7 56.7

66 47.6 31.2 71.2





#11

bis(2-Chloroethyl)ether

Concen: 39.700 ng

RT: 6.604 min Scan# 768

Delta R.T. 0.000 min

Lab File: BF138490.D

Acq: 09 Jul 2024 17:48

Instrument :

BNA_F

ClientSampleId :

ICVBF070924

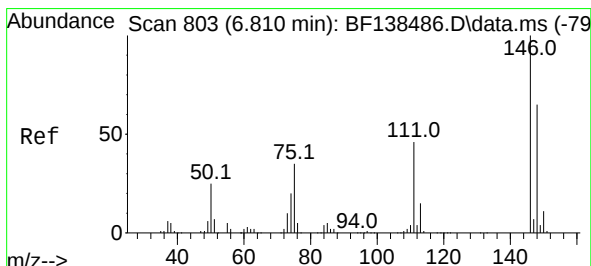
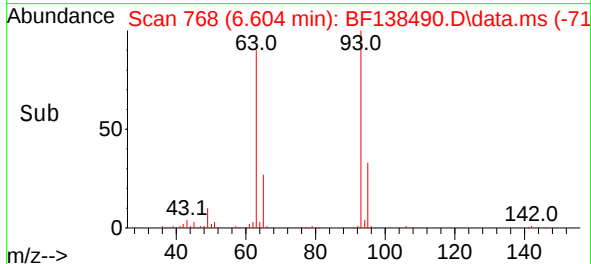
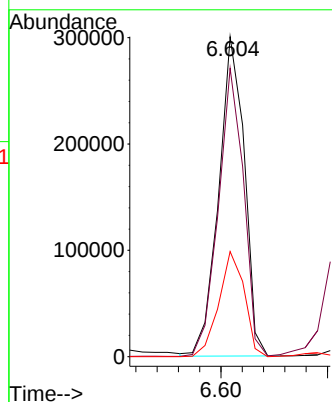
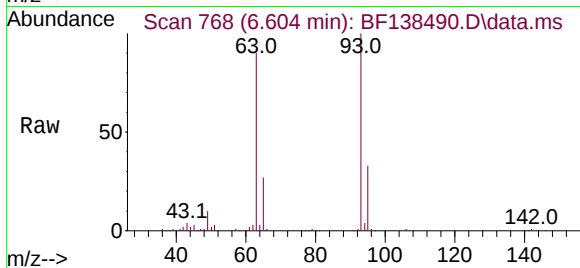
Tgt Ion: 93 Resp: 251295

Ion Ratio Lower Upper

93 100

63 90.2 68.8 108.8

95 32.8 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 39.941 ng

RT: 6.810 min Scan# 803

Delta R.T. 0.000 min

Lab File: BF138490.D

Acq: 09 Jul 2024 17:48

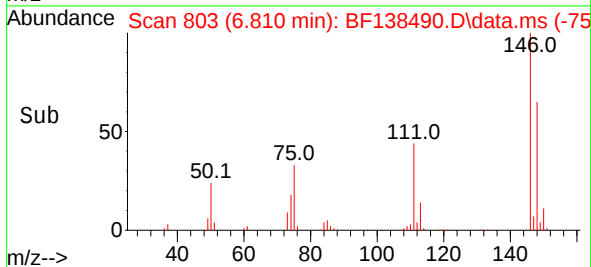
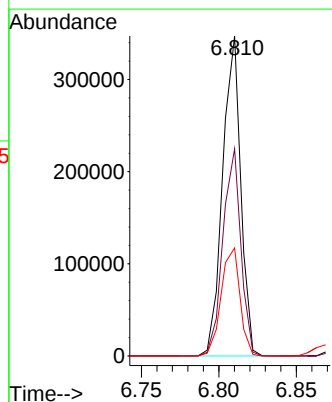
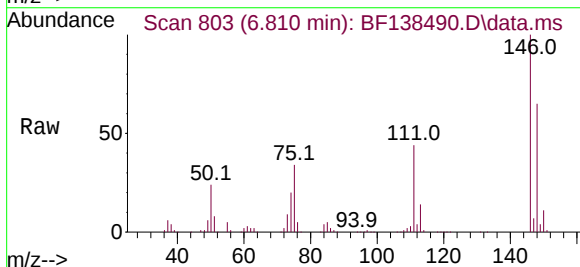
Tgt Ion: 146 Resp: 282650

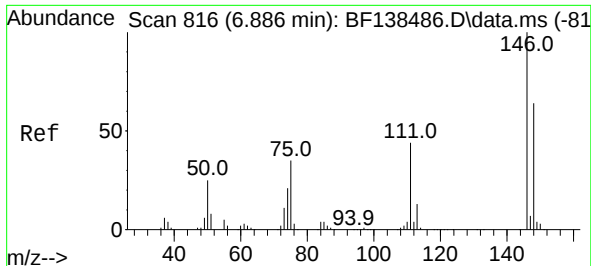
Ion Ratio Lower Upper

146 100

148 64.7 52.4 78.6

75 33.8 27.8 41.8





#13

1,4-Dichlorobenzene

Concen: 39.776 ng

RT: 6.887 min Scan# 816

Delta R.T. 0.000 min

Lab File: BF138490.D

Acq: 09 Jul 2024 17:48

Instrument :

BNA_F

ClientSampleId :

ICVBF070924

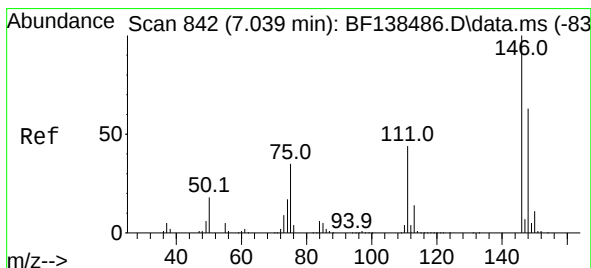
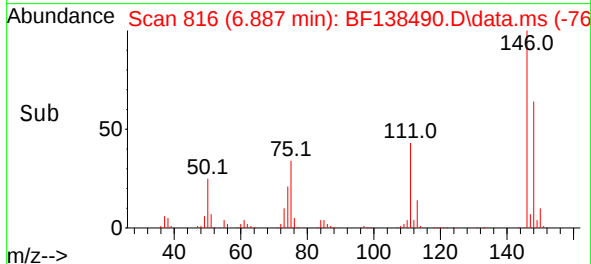
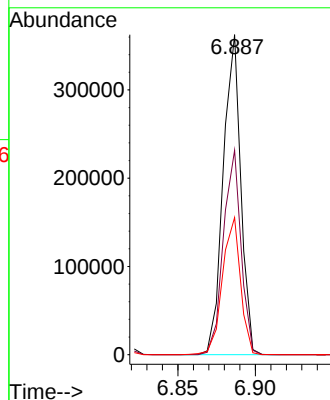
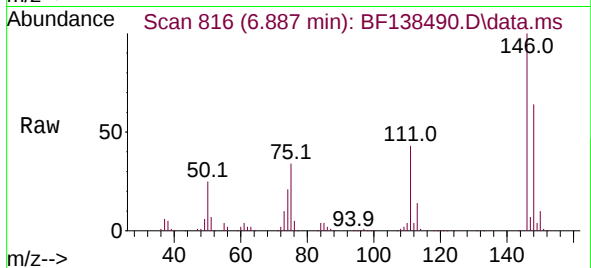
Tgt Ion:146 Resp: 285841

Ion Ratio Lower Upper

146 100

148 63.9 51.6 77.4

111 42.9 34.9 52.3



#14

1,2-Dichlorobenzene

Concen: 39.908 ng

RT: 7.040 min Scan# 842

Delta R.T. 0.000 min

Lab File: BF138490.D

Acq: 09 Jul 2024 17:48

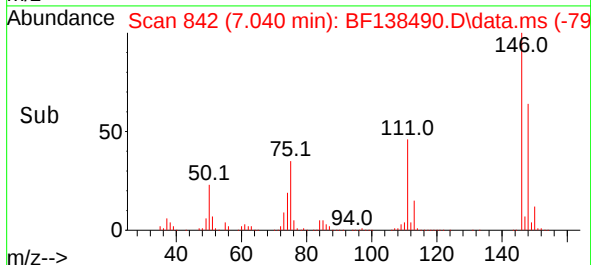
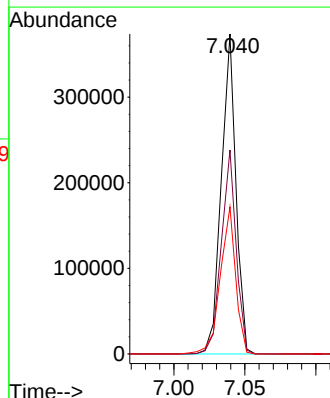
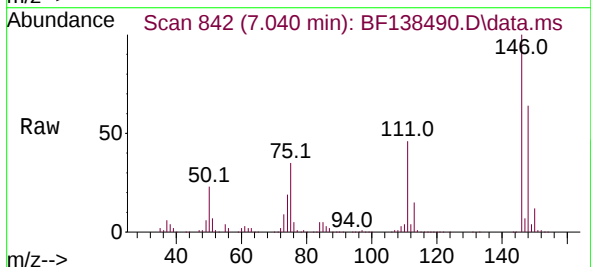
Tgt Ion:146 Resp: 267110

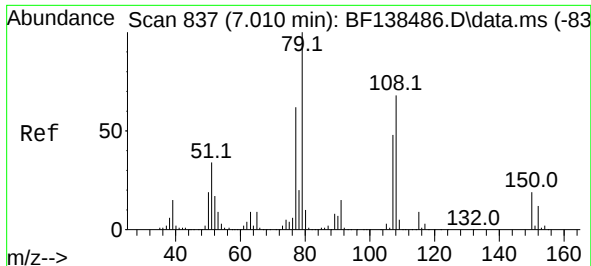
Ion Ratio Lower Upper

146 100

148 63.7 50.1 75.1

111 46.0 35.5 53.3

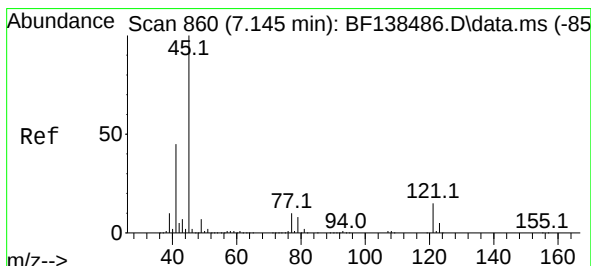
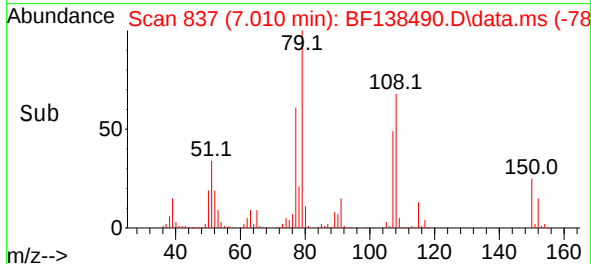
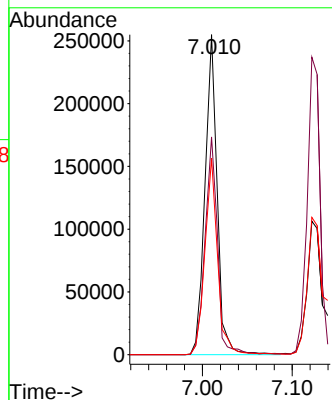
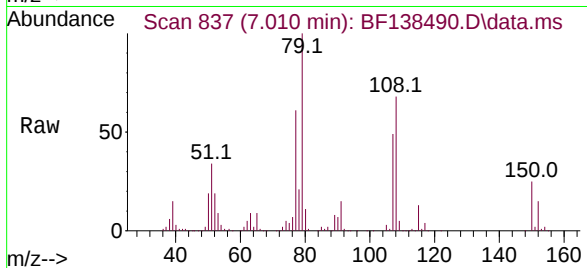




#15
Benzyl Alcohol
Concen: 40.532 ng
RT: 7.010 min Scan# 837
Delta R.T. 0.000 min
Lab File: BF138490.D
Acq: 09 Jul 2024 17:48

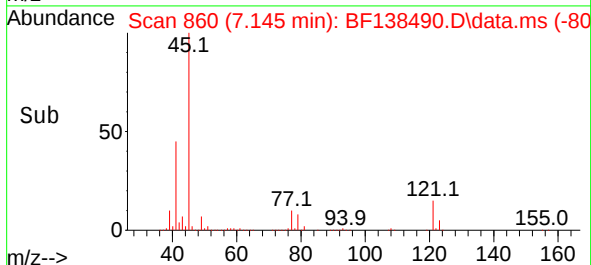
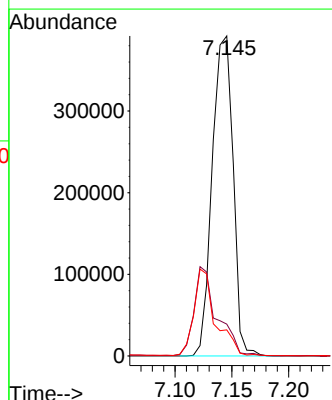
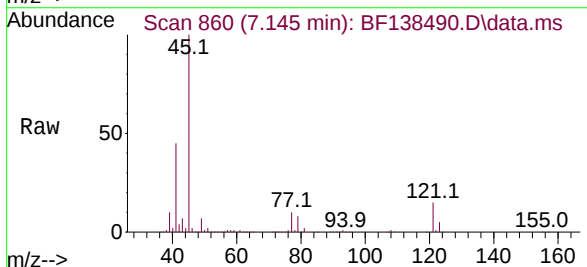
Instrument :
BNA_F
ClientSampleId :
ICVBF070924

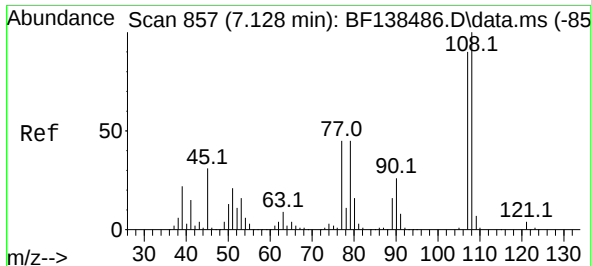
Tgt Ion: 79 Resp: 240931
Ion Ratio Lower Upper
79 100
108 68.0 54.3 81.5
77 61.5 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.260 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF138490.D
Acq: 09 Jul 2024 17:48

Tgt Ion: 45 Resp: 501147
Ion Ratio Lower Upper
45 100
77 10.0 0.0 30.4
79 8.1 0.0 28.1





#17

2-Methylphenol

Concen: 40.100 ng

RT: 7.122 min Scan# 857

Delta R.T. -0.006 min

Lab File: BF138490.D

Acq: 09 Jul 2024 17:48

Instrument :

BNA_F

ClientSampleId :

ICVBF070924

Tgt Ion:107 Resp: 206903

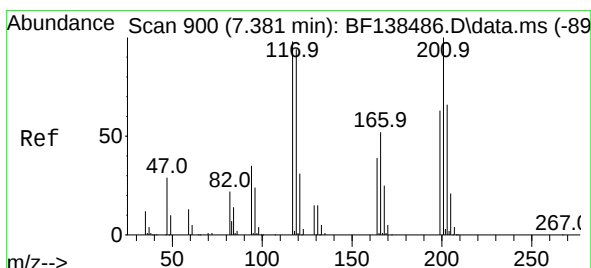
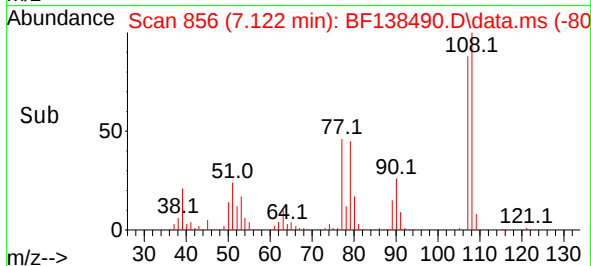
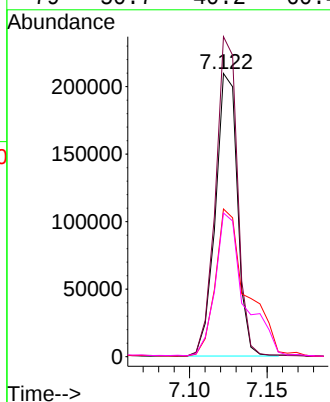
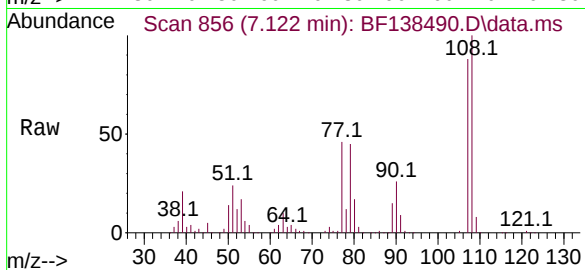
Ion Ratio Lower Upper

107 100

108 113.0 89.0 133.4

77 52.1 40.3 60.5

79 50.7 40.2 60.4



#18

Hexachloroethane

Concen: 40.761 ng

RT: 7.381 min Scan# 900

Delta R.T. 0.000 min

Lab File: BF138490.D

Acq: 09 Jul 2024 17:48

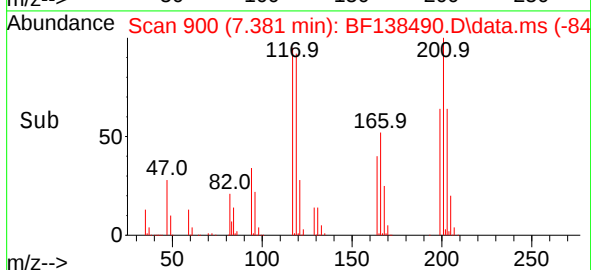
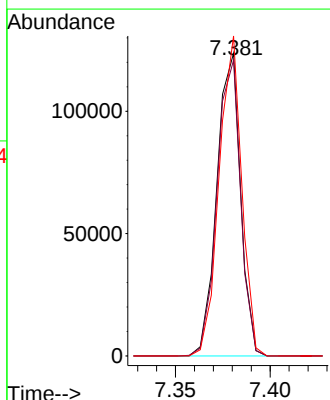
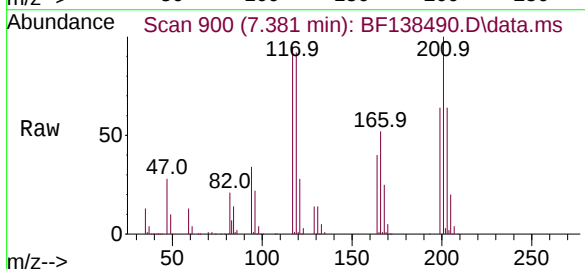
Tgt Ion:117 Resp: 107684

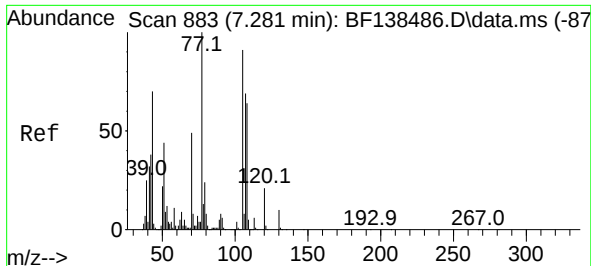
Ion Ratio Lower Upper

117 100

119 97.7 76.6 114.8

201 105.7 81.4 122.0

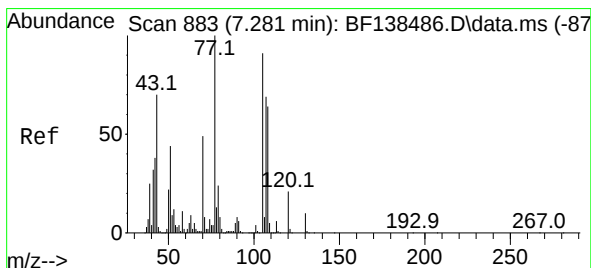
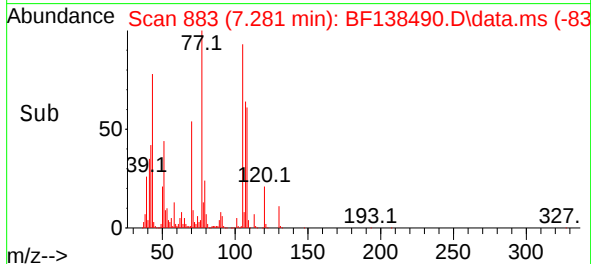
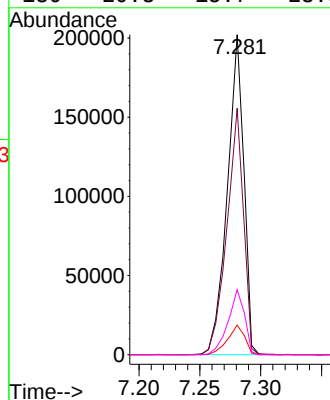
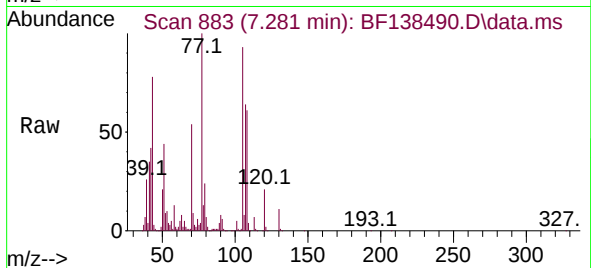




#19
n-Nitroso-di-n-propylamine
Concen: 38.990 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF138490.D
Acq: 09 Jul 2024 17:48

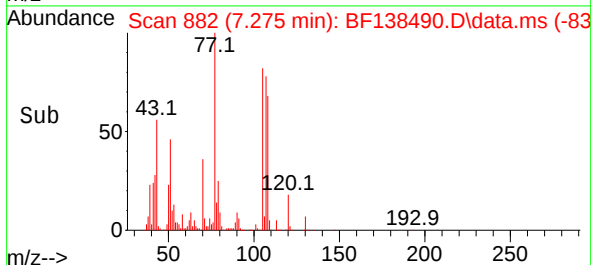
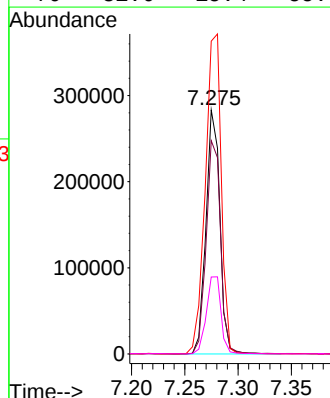
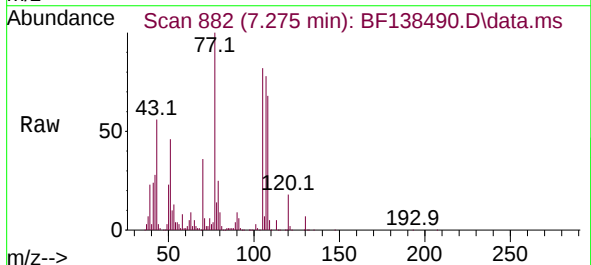
Instrument :
BNA_F
ClientSampleId :
ICVBF070924

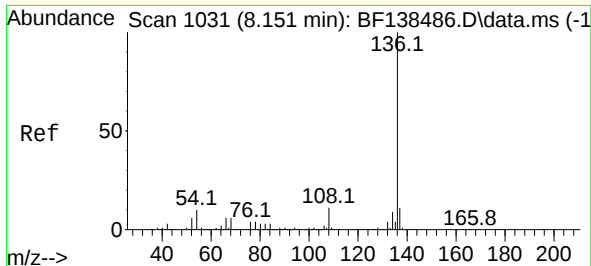
Tgt Ion:	70	Resp:	190821
Ion	Ratio	Lower	Upper
70	100		
42	77.0	62.4	93.6
101	9.3	7.2	10.8
130	20.3	15.7	23.5



#20
3+4-Methylphenols
Concen: 39.707 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF138490.D
Acq: 09 Jul 2024 17:48

Tgt Ion:	107	Resp:	257995
Ion	Ratio	Lower	Upper
107	100		
108	87.4	73.7	113.7
77	128.2	126.0	166.0
79	31.6	15.4	55.4

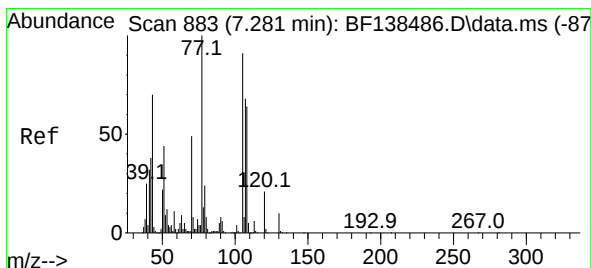
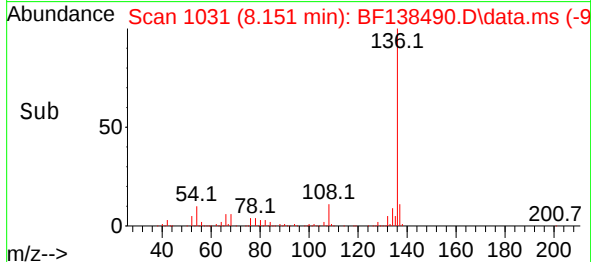
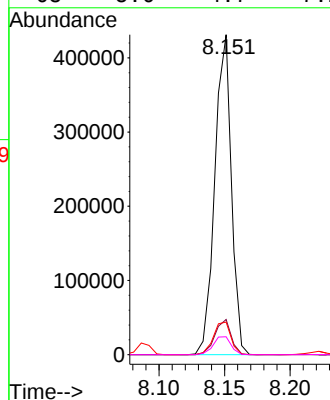
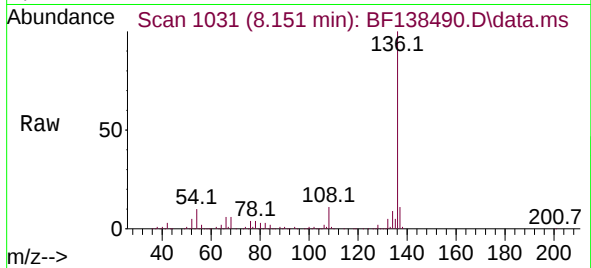




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF138490.D
Acq: 09 Jul 2024 17:48

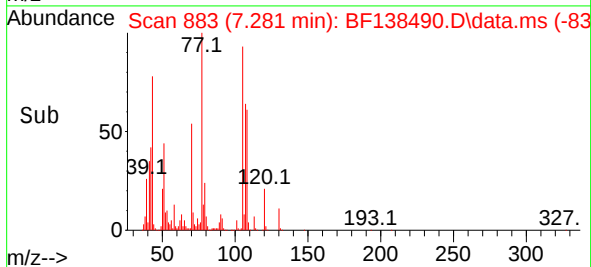
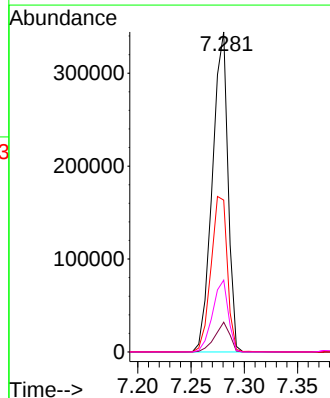
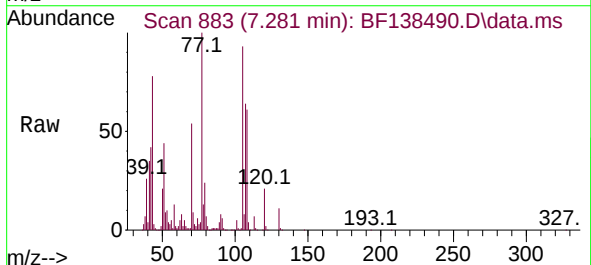
Instrument :
BNA_F
ClientSampleId :
ICVBF070924

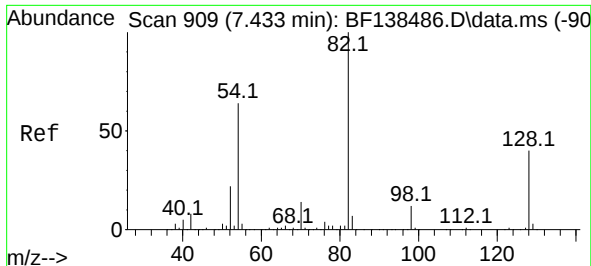
Tgt Ion:136 Resp: 377907
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 10.2 8.1 12.1
68 5.6 4.7 7.1



#22
Acetophenone
Concen: 38.233 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF138490.D
Acq: 09 Jul 2024 17:48

Tgt Ion:105 Resp: 350916
Ion Ratio Lower Upper
105 100
71 9.3 7.4 11.2
51 47.4 38.7 58.1
120 22.4 18.2 27.2

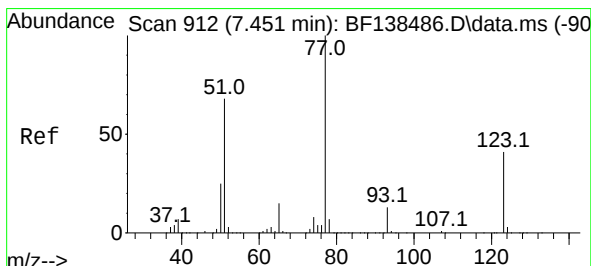
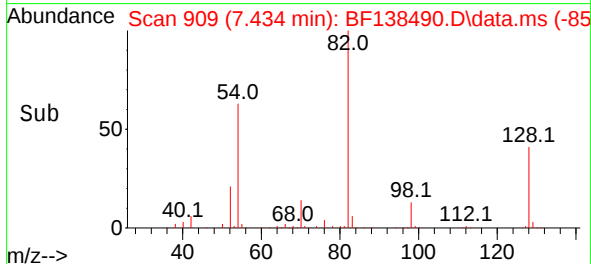
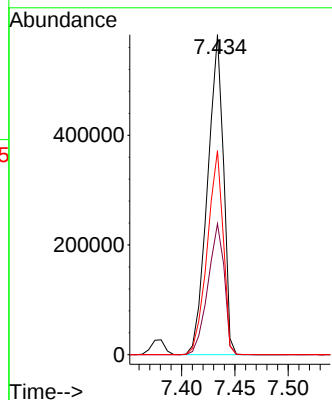
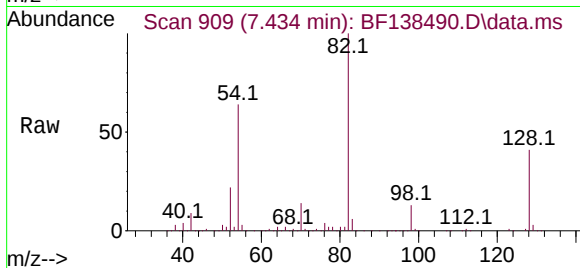




#23
Nitrobenzene-d5
Concen: 79.208 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.000 min
Lab File: BF138490.D
Acq: 09 Jul 2024 17:48

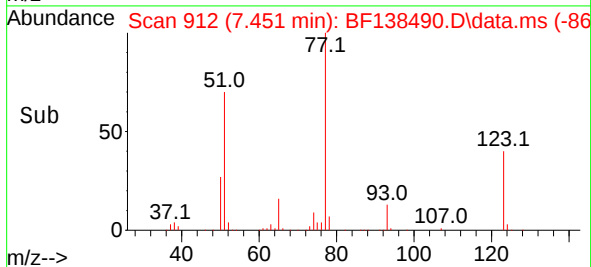
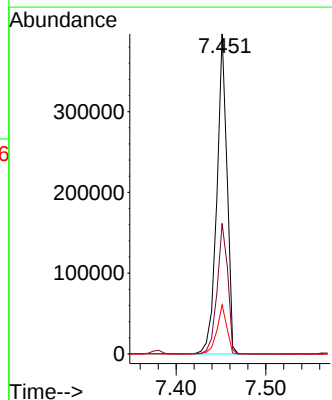
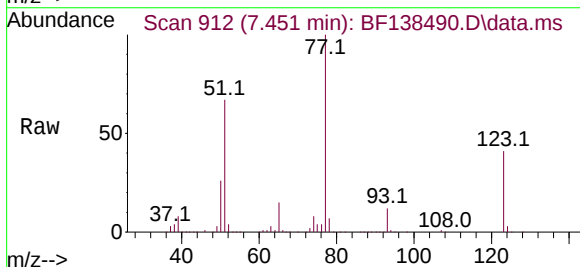
Instrument :
BNA_F
ClientSampleId :
ICVBF070924

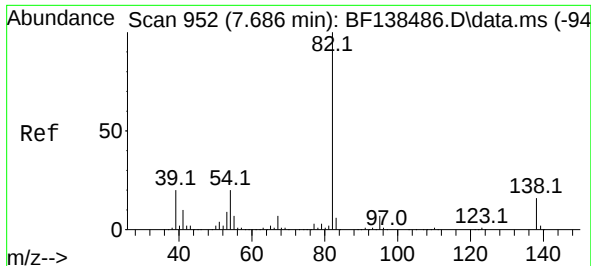
Tgt Ion: 82 Resp: 609669
Ion Ratio Lower Upper
82 100
128 40.9 32.3 48.5
54 63.8 51.4 77.0



#24
Nitrobenzene
Concen: 39.835 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.000 min
Lab File: BF138490.D
Acq: 09 Jul 2024 17:48

Tgt Ion: 77 Resp: 311588
Ion Ratio Lower Upper
77 100
123 40.8 32.4 48.6
65 15.3 11.8 17.8

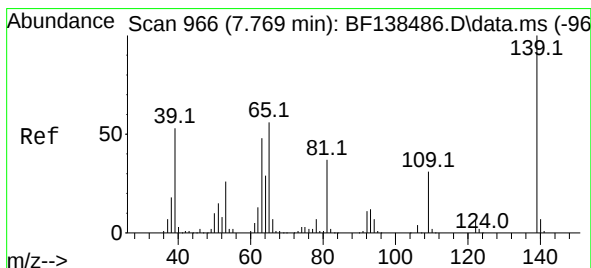
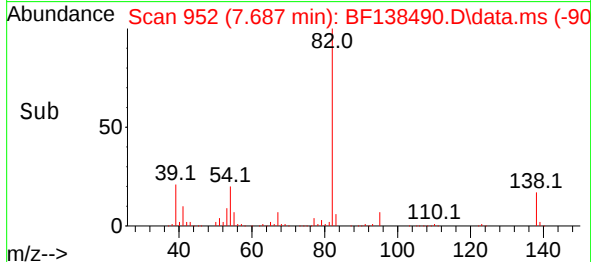
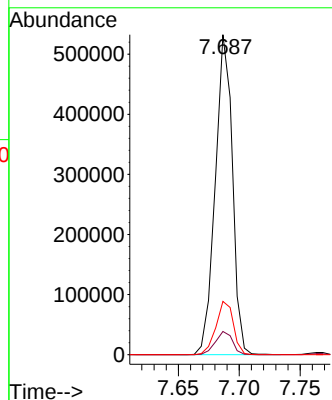
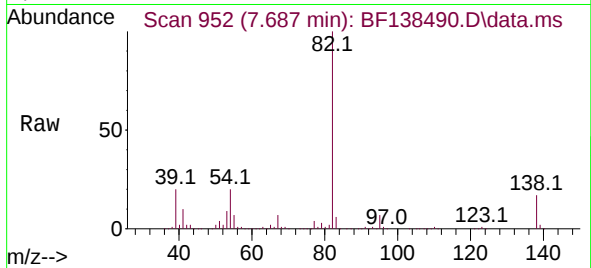




#25
Isophorone
Concen: 39.434 ng
RT: 7.687 min Scan# 952
Delta R.T. 0.000 min
Lab File: BF138490.D
Acq: 09 Jul 2024 17:48

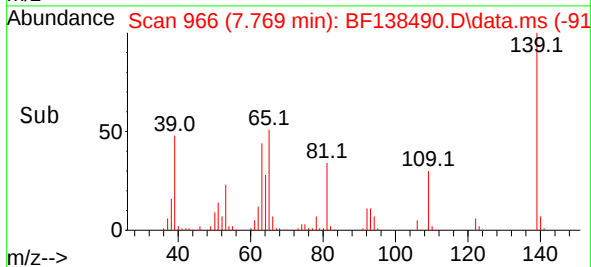
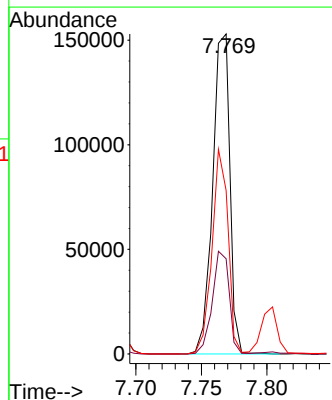
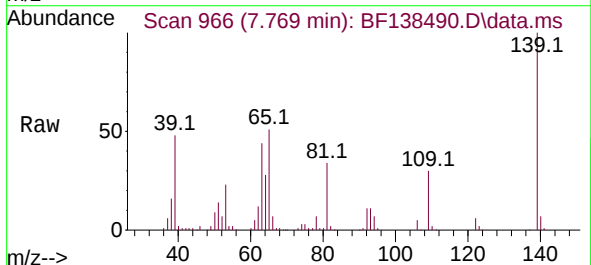
Instrument :
BNA_F
ClientSampleId :
ICVBF070924

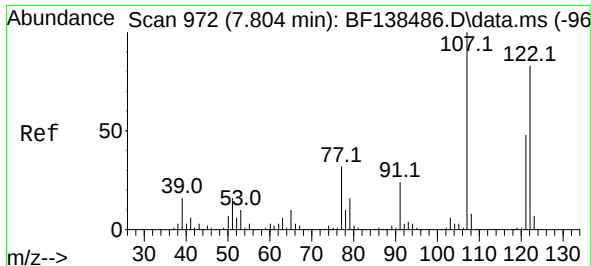
Tgt Ion: 82 Resp: 521243
Ion Ratio Lower Upper
82 100
95 7.2 6.0 9.0
138 16.7 12.8 19.2



#26
2-Nitrophenol
Concen: 41.592 ng
RT: 7.769 min Scan# 966
Delta R.T. 0.000 min
Lab File: BF138490.D
Acq: 09 Jul 2024 17:48

Tgt Ion:139 Resp: 139437
Ion Ratio Lower Upper
139 100
109 29.8 24.8 37.2
65 51.1 45.1 67.7

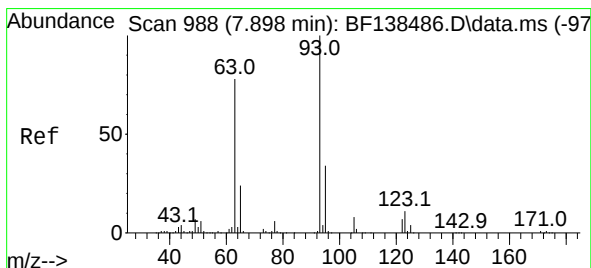
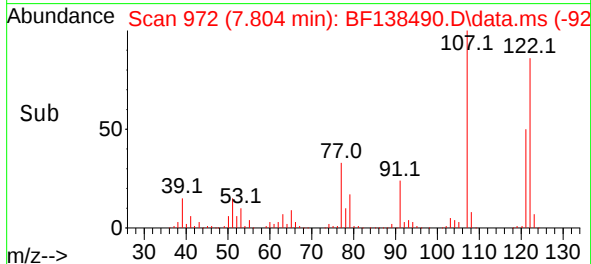
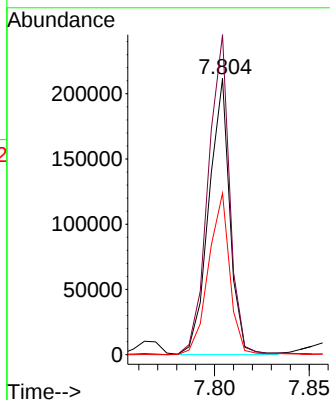
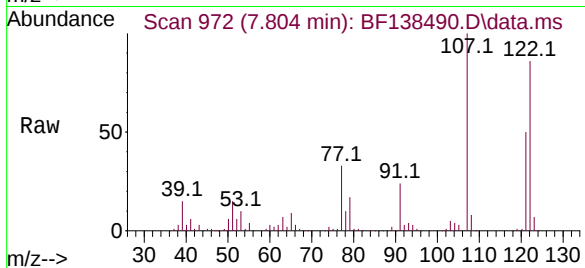




#27
2,4-Dimethylphenol
Concen: 39.758 ng
RT: 7.804 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF138490.D
Acq: 09 Jul 2024 17:48

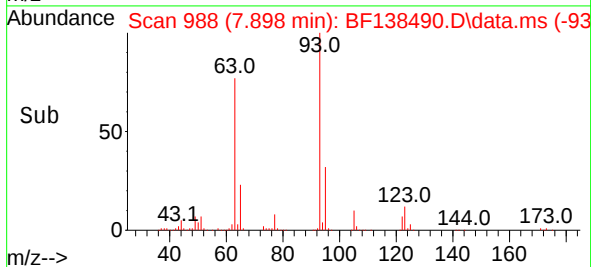
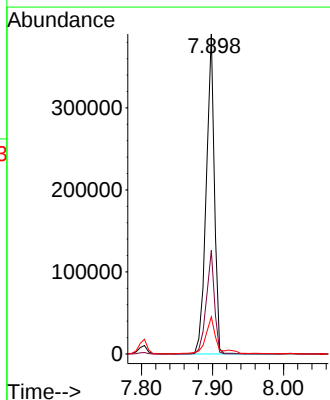
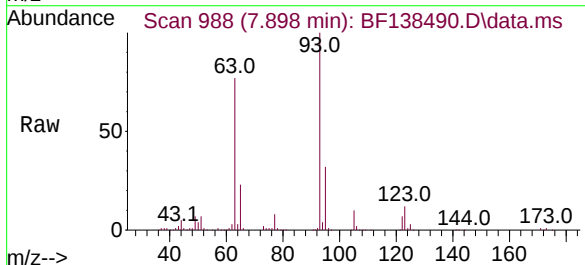
Instrument :
BNA_F
ClientSampleId :
ICVBF070924

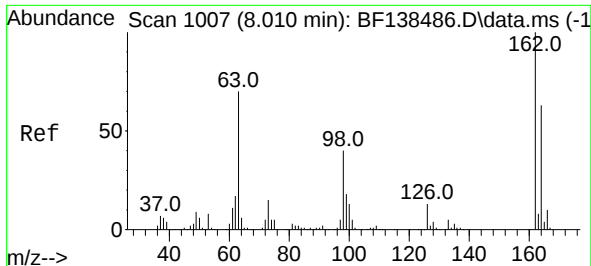
Tgt Ion:122 Resp: 163819
Ion Ratio Lower Upper
122 100
107 115.9 96.3 144.5
121 58.5 46.7 70.1



#28
bis(2-Chloroethoxy)methane
Concen: 39.619 ng
RT: 7.898 min Scan# 988
Delta R.T. 0.000 min
Lab File: BF138490.D
Acq: 09 Jul 2024 17:48

Tgt Ion: 93 Resp: 312981
Ion Ratio Lower Upper
93 100
95 32.4 27.0 40.6
123 11.6 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 40.267 ng

RT: 8.010 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF138490.D

Acq: 09 Jul 2024 17:48

Instrument :

BNA_F

ClientSampleId :

ICVBF070924

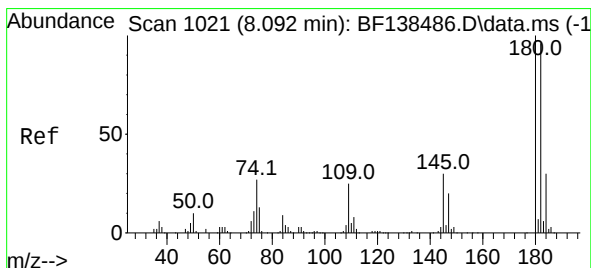
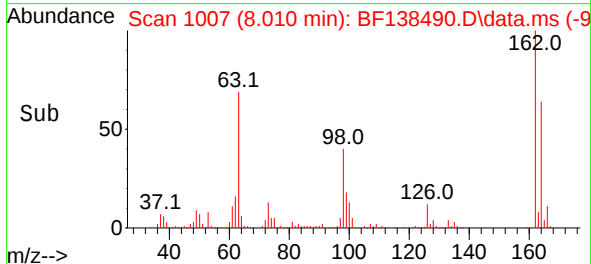
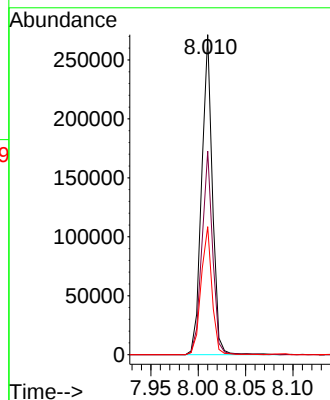
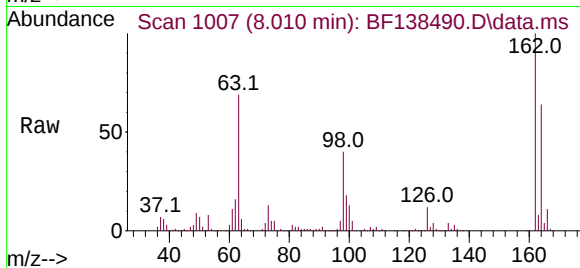
Tgt Ion:162 Resp: 215455

Ion Ratio Lower Upper

162 100

164 63.6 42.6 82.6

98 40.0 20.1 60.1



#30

1,2,4-Trichlorobenzene

Concen: 39.393 ng

RT: 8.092 min Scan# 1021

Delta R.T. 0.000 min

Lab File: BF138490.D

Acq: 09 Jul 2024 17:48

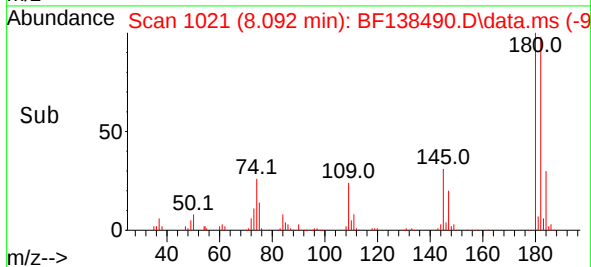
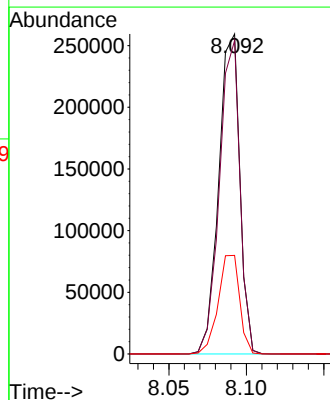
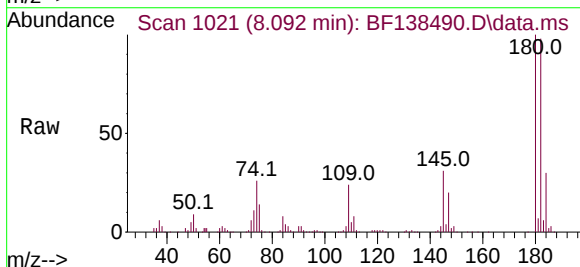
Tgt Ion:180 Resp: 245543

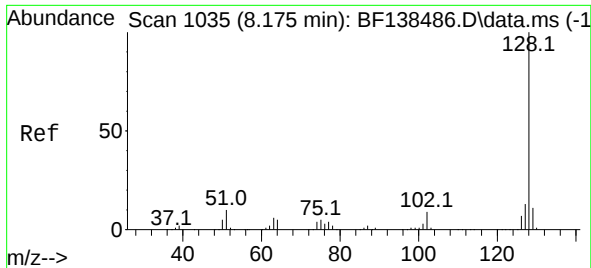
Ion Ratio Lower Upper

180 100

182 98.0 76.9 115.3

145 30.8 23.9 35.9





#31

Naphthalene

Concen: 39.322 ng

RT: 8.175 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138490.D

Acq: 09 Jul 2024 17:48

Instrument :

BNA_F

ClientSampleId :

ICVBF070924

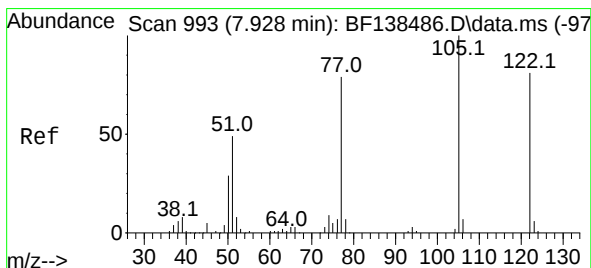
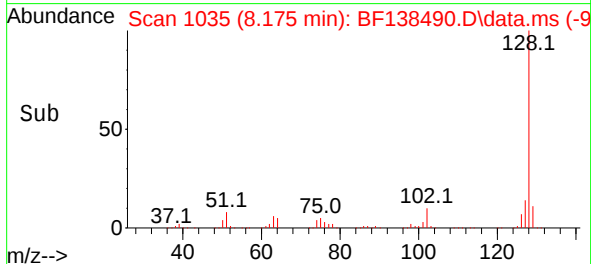
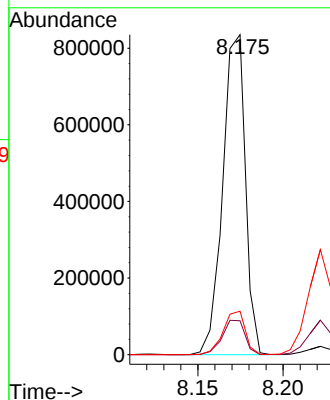
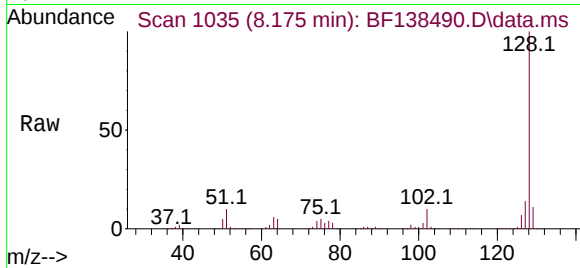
Tgt Ion:128 Resp: 772848

Ion Ratio Lower Upper

128 100

129 10.6 8.6 13.0

127 13.6 10.7 16.1



#32

Benzoic acid

Concen: 42.326 ng

RT: 7.928 min Scan# 993

Delta R.T. 0.000 min

Lab File: BF138490.D

Acq: 09 Jul 2024 17:48

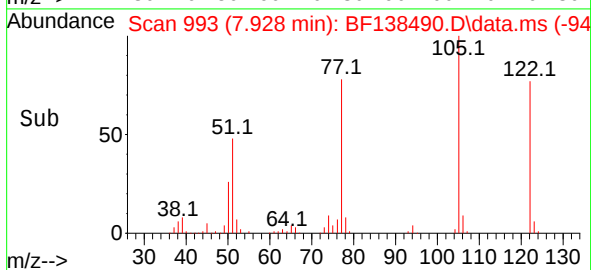
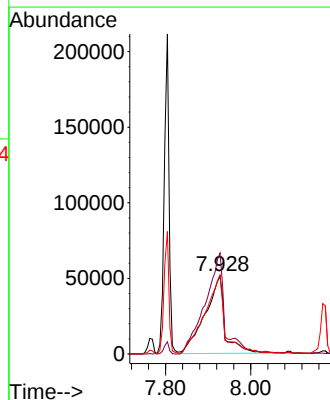
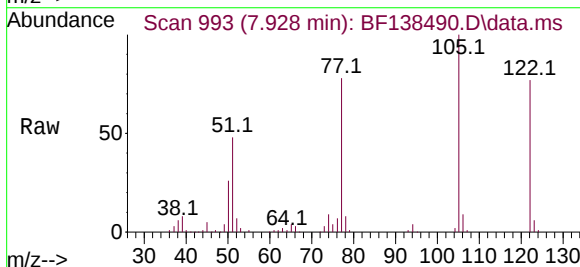
Tgt Ion:122 Resp: 166336

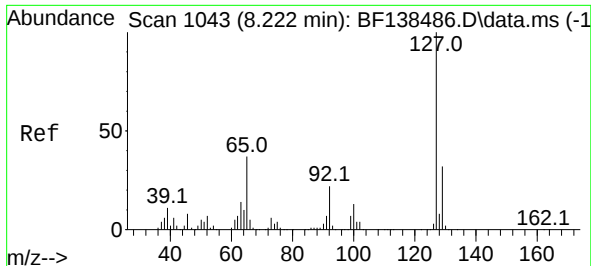
Ion Ratio Lower Upper

122 100

105 129.6 101.5 141.5

77 101.4 77.3 117.3





#33

4-Chloroaniline

Concen: 39.293 ng

RT: 8.222 min Scan# 1043

Delta R.T. 0.000 min

Lab File: BF138490.D

Acq: 09 Jul 2024 17:48

Instrument :

BNA_F

ClientSampleId :

ICVBF070924

Tgt Ion:127 Resp: 270970

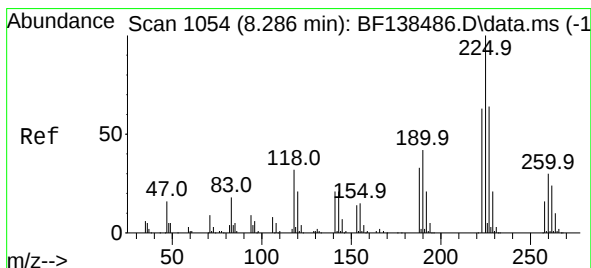
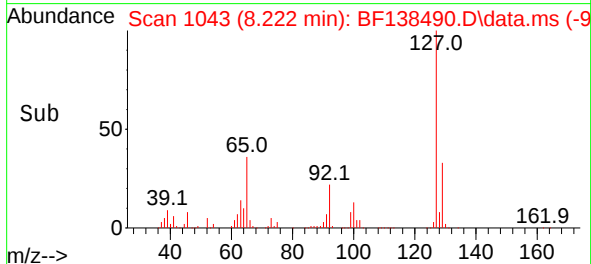
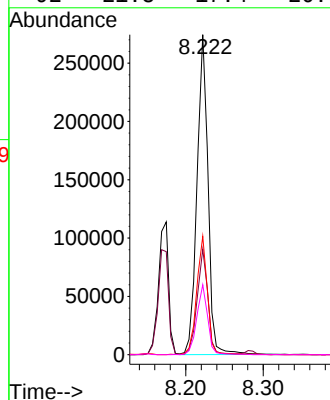
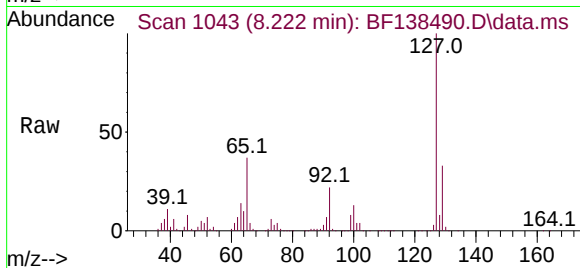
Ion Ratio Lower Upper

127 100

129 33.0 25.6 38.4

65 37.0 29.6 44.4

92 21.8 17.4 26.0



#34

Hexachlorobutadiene

Concen: 39.466 ng

RT: 8.287 min Scan# 1054

Delta R.T. 0.000 min

Lab File: BF138490.D

Acq: 09 Jul 2024 17:48

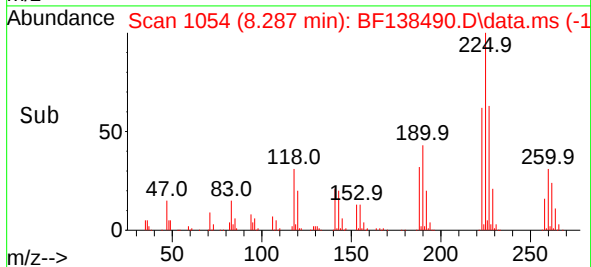
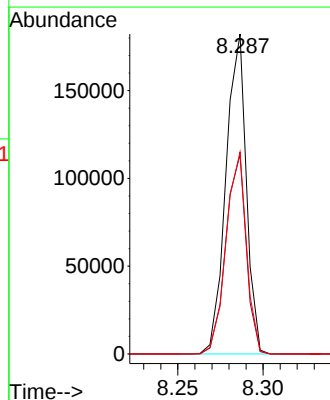
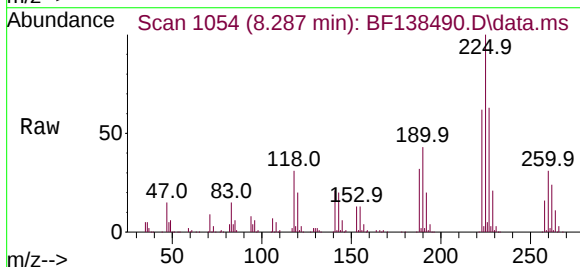
Tgt Ion:225 Resp: 151484

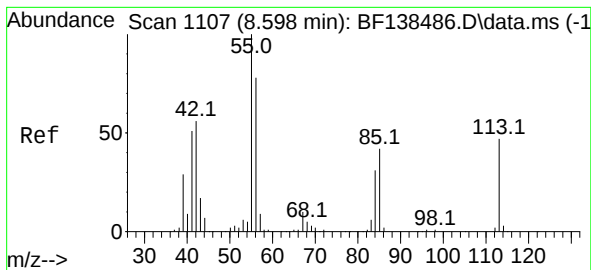
Ion Ratio Lower Upper

225 100

223 62.3 50.0 75.0

227 63.1 51.0 76.6





#35

Caprolactam

Concen: 40.627 ng

RT: 8.598 min Scan# 1107

Delta R.T. 0.000 min

Lab File: BF138490.D

Acq: 09 Jul 2024 17:48

Instrument :

BNA_F

ClientSampleId :

ICVBF070924

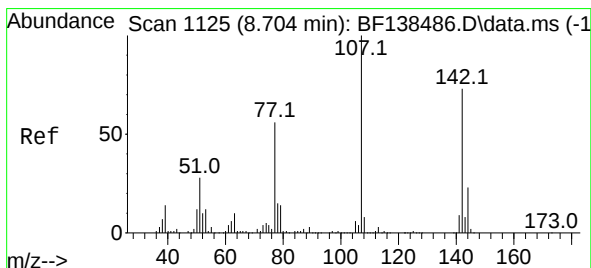
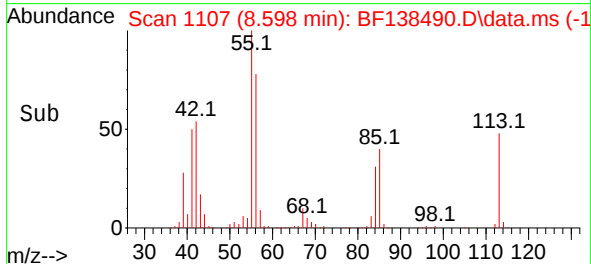
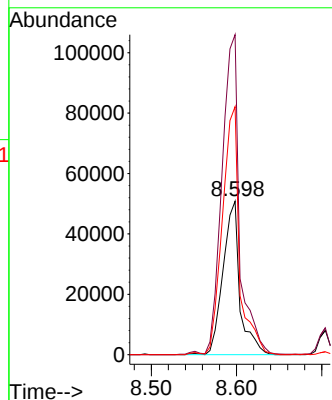
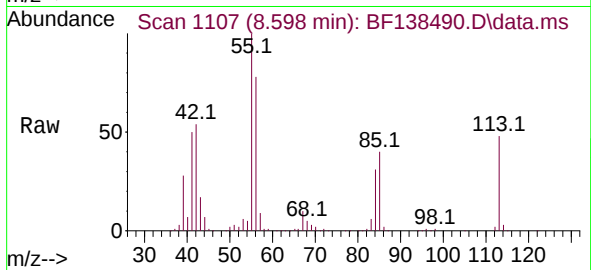
Tgt Ion:113 Resp: 70147

Ion Ratio Lower Upper

113 100

55 208.6 192.5 232.5

56 161.7 145.3 185.3



#36

4-Chloro-3-methylphenol

Concen: 39.506 ng

RT: 8.704 min Scan# 1125

Delta R.T. 0.000 min

Lab File: BF138490.D

Acq: 09 Jul 2024 17:48

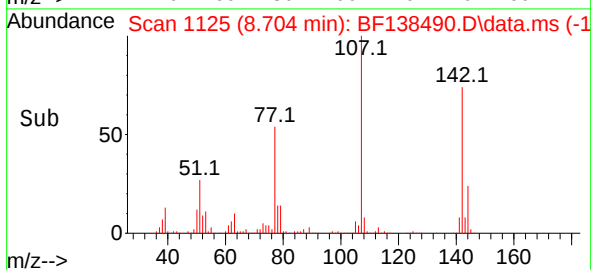
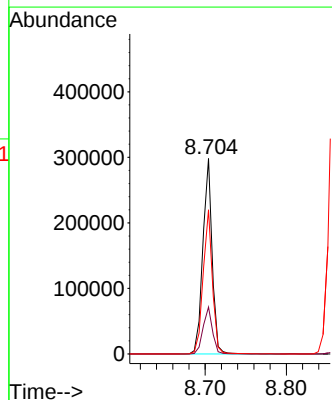
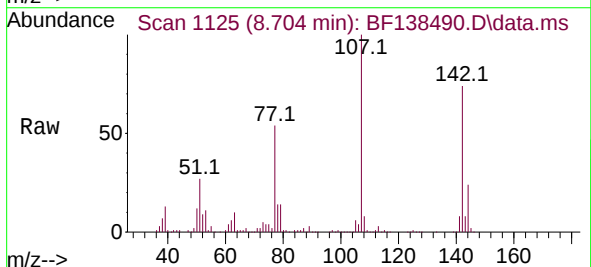
Tgt Ion:107 Resp: 236650

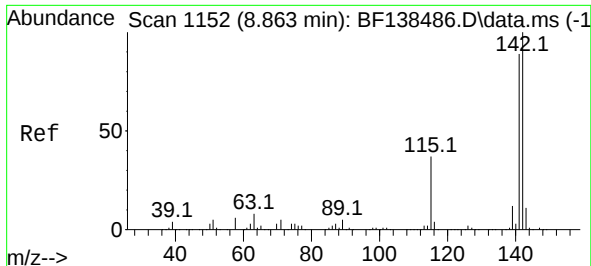
Ion Ratio Lower Upper

107 100

144 24.0 18.6 27.8

142 73.8 58.6 88.0





#37

2-Methylnaphthalene

Concen: 38.822 ng

RT: 8.863 min Scan# 1152

Delta R.T. 0.000 min

Lab File: BF138490.D

Acq: 09 Jul 2024 17:48

Instrument :

BNA_F

ClientSampleId :

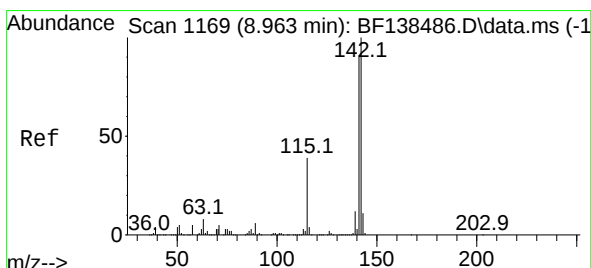
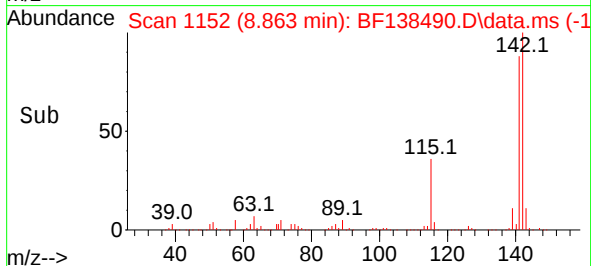
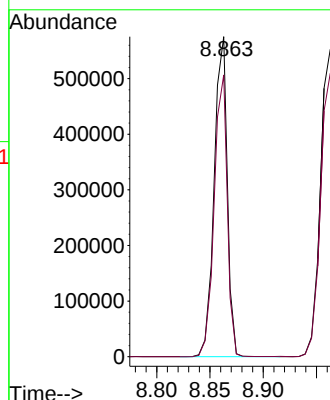
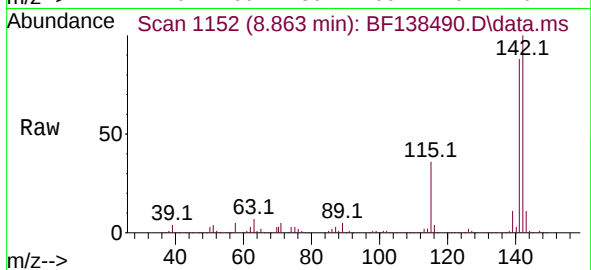
ICVBF070924

Tgt Ion:142 Resp: 491021

Ion Ratio Lower Upper

142 100

141 88.0 71.4 107.0



#38

1-Methylnaphthalene

Concen: 39.133 ng

RT: 8.963 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF138490.D

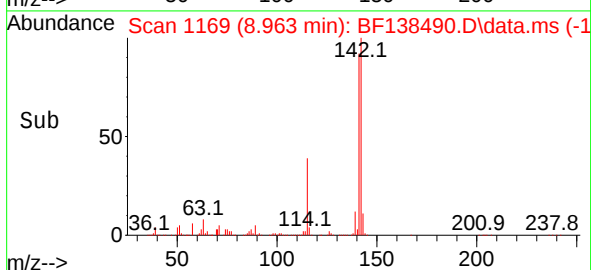
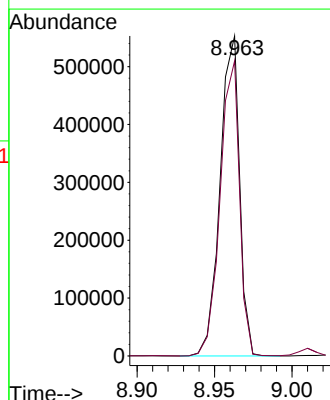
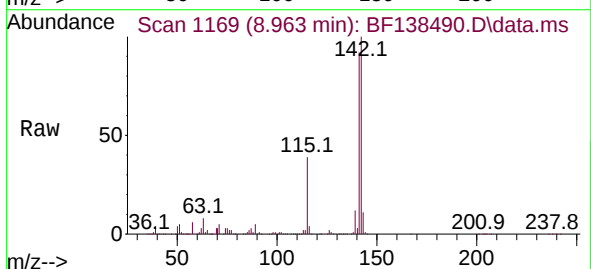
Acq: 09 Jul 2024 17:48

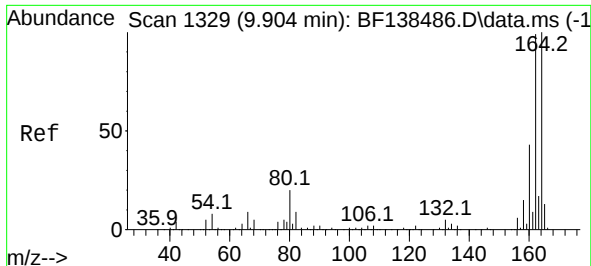
Tgt Ion:142 Resp: 483053

Ion Ratio Lower Upper

142 100

141 92.2 72.6 108.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF138490.D

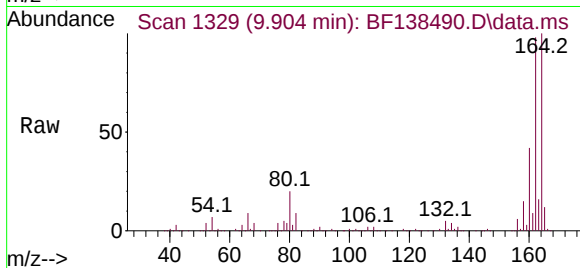
Acq: 09 Jul 2024 17:48

Instrument :

BNA_F

ClientSampleId :

ICVBF070924



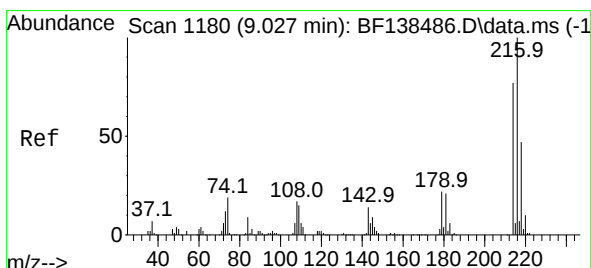
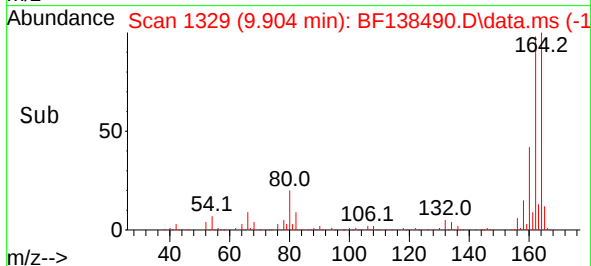
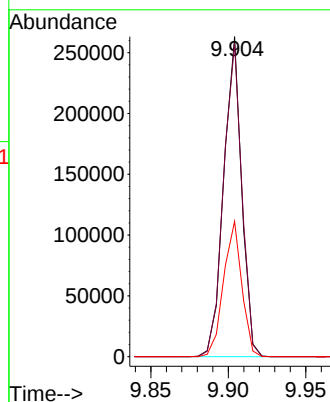
Tgt Ion:164 Resp: 211100

Ion Ratio Lower Upper

164 100

162 97.9 79.0 118.6

160 42.3 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.498 ng

RT: 9.028 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF138490.D

Acq: 09 Jul 2024 17:48

Tgt Ion:216 Resp: 232383

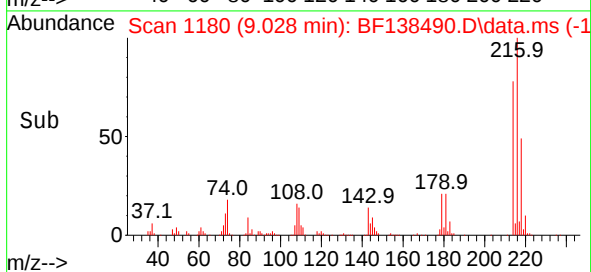
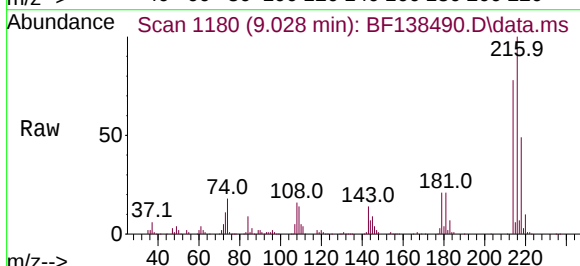
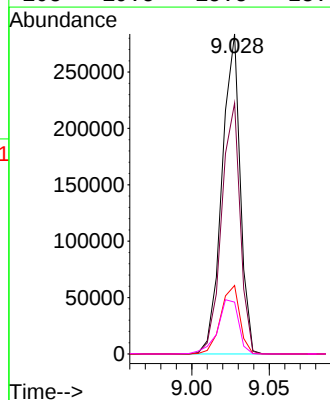
Ion Ratio Lower Upper

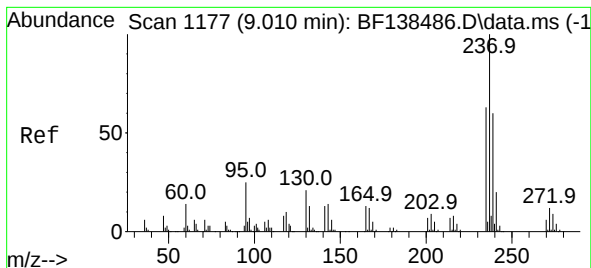
216 100

214 79.7 62.8 94.2

179 22.3 17.7 26.5

108 19.5 15.5 23.3





#41

Hexachlorocyclopentadiene

Concen: 41.662 ng

RT: 9.010 min Scan# 1177

Delta R.T. -0.000 min

Lab File: BF138490.D

Acq: 09 Jul 2024 17:48

Instrument :

BNA_F

ClientSampleId :

ICVBF070924

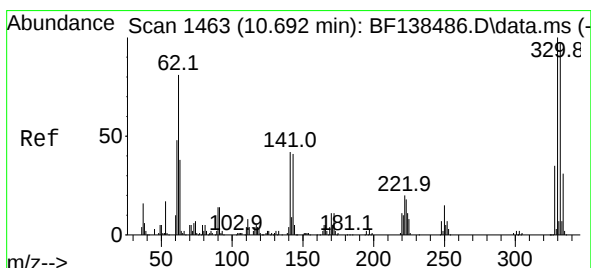
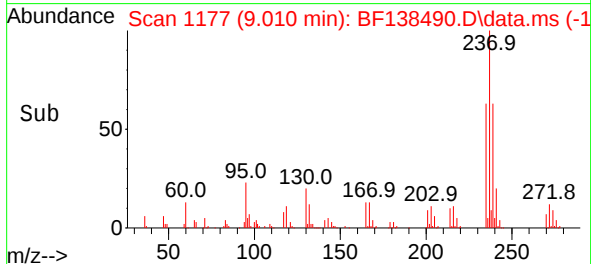
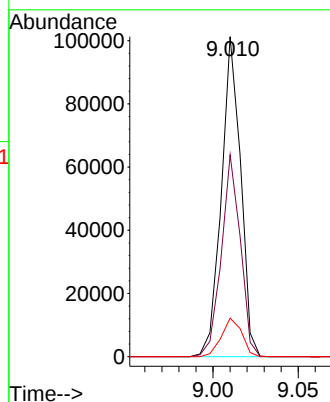
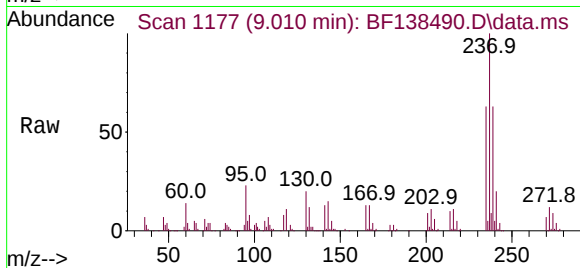
Tgt Ion:237 Resp: 79560

Ion Ratio Lower Upper

237 100

235 63.1 43.3 83.3

272 12.0 0.0 32.3



#42

2,4,6-Tribromophenol

Concen: 79.279 ng

RT: 10.692 min Scan# 1463

Delta R.T. 0.000 min

Lab File: BF138490.D

Acq: 09 Jul 2024 17:48

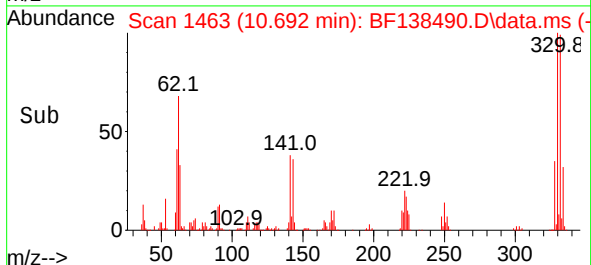
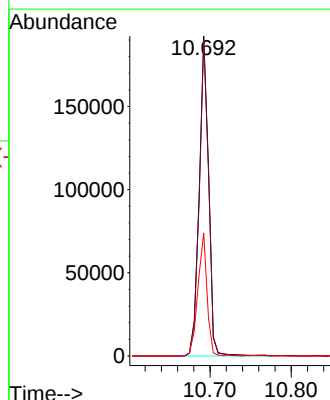
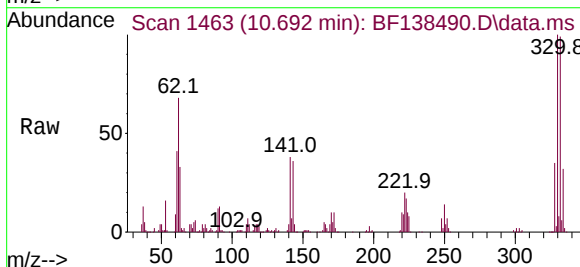
Tgt Ion:330 Resp: 156412

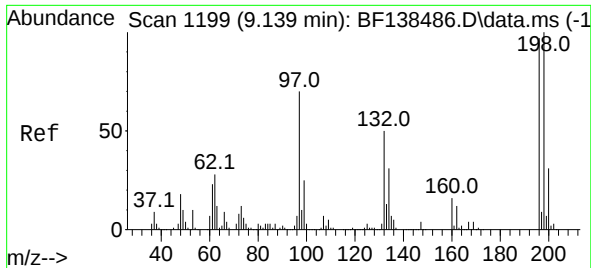
Ion Ratio Lower Upper

330 100

332 97.5 76.8 115.2

141 37.4 29.4 44.2





#43

2,4,6-Trichlorophenol

Concen: 40.921 ng

RT: 9.139 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF138490.D

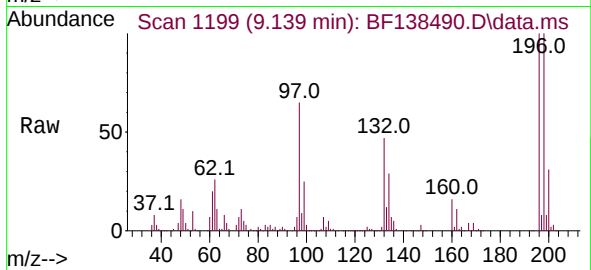
Acq: 09 Jul 2024 17:48

Instrument :

BNA_F

ClientSampleId :

ICVBF070924



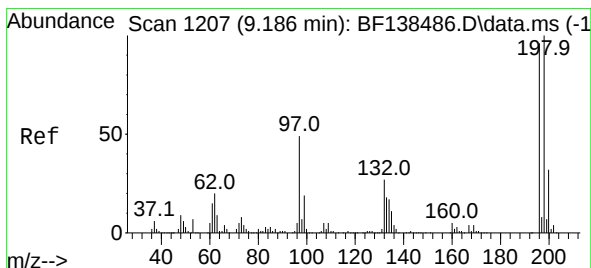
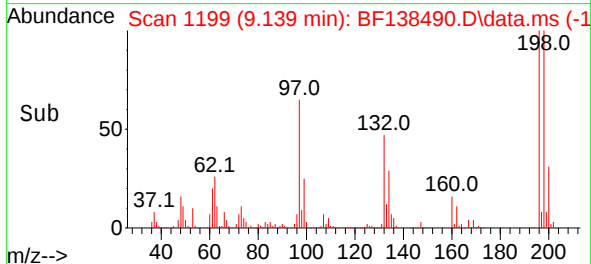
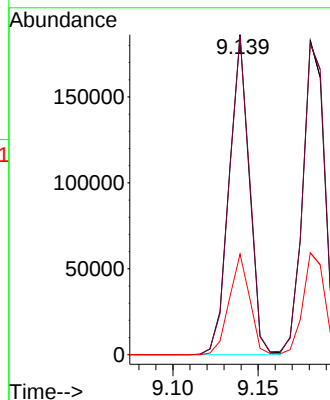
Tgt Ion:196 Resp: 153575

Ion Ratio Lower Upper

196 100

198 99.7 82.3 123.5

200 31.5 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 39.738 ng

RT: 9.181 min Scan# 1206

Delta R.T. -0.006 min

Lab File: BF138490.D

Acq: 09 Jul 2024 17:48

Tgt Ion:196 Resp: 164032

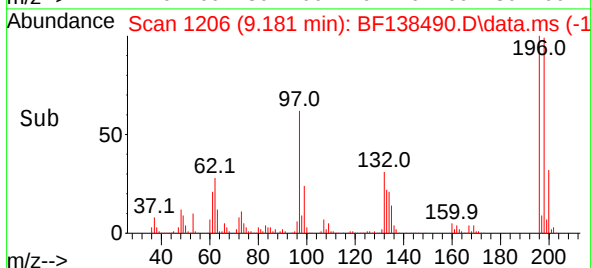
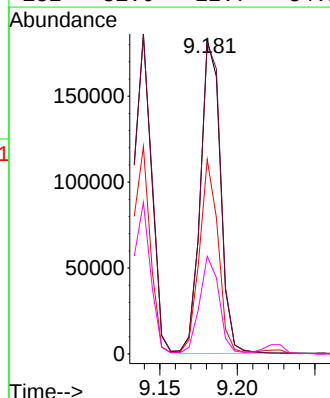
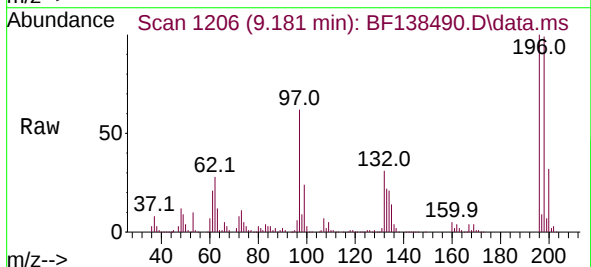
Ion Ratio Lower Upper

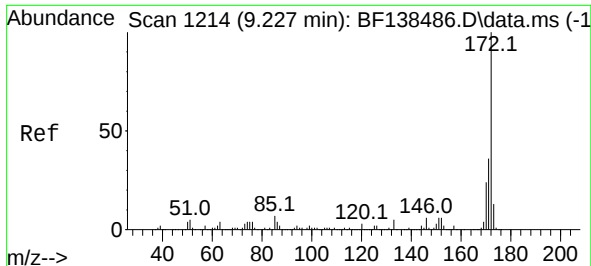
196 100

198 99.0 82.8 124.2

97 61.9 41.0 61.4#

132 31.0 22.7 34.1





#45

2-Fluorobiphenyl

Concen: 77.047 ng

RT: 9.228 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF138490.D

Acq: 09 Jul 2024 17:48

Instrument :

BNA_F

ClientSampleId :

ICVBF070924

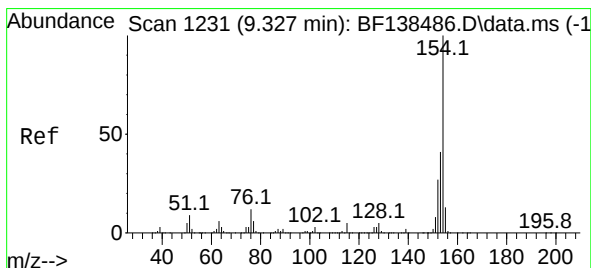
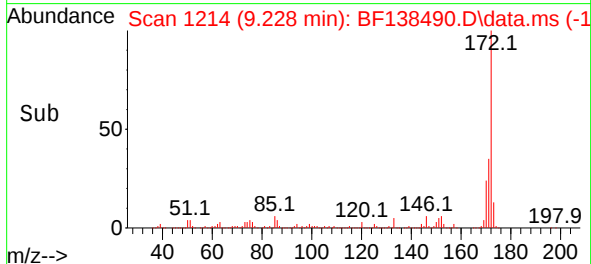
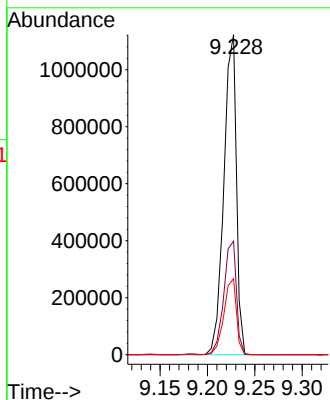
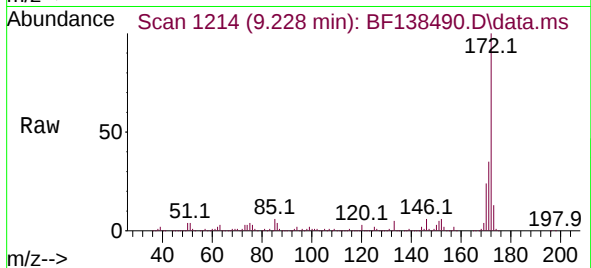
Tgt Ion:172 Resp: 1040671

Ion Ratio Lower Upper

172 100

171 35.5 28.9 43.3

170 23.8 18.9 28.3



#46

1,1'-Biphenyl

Concen: 39.057 ng

RT: 9.328 min Scan# 1231

Delta R.T. 0.000 min

Lab File: BF138490.D

Acq: 09 Jul 2024 17:48

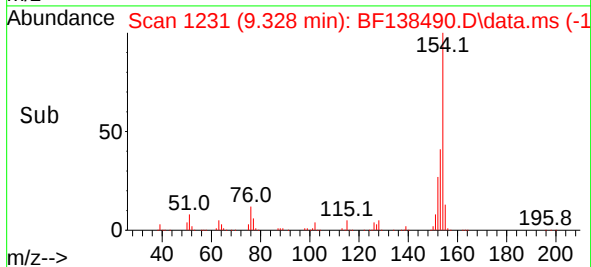
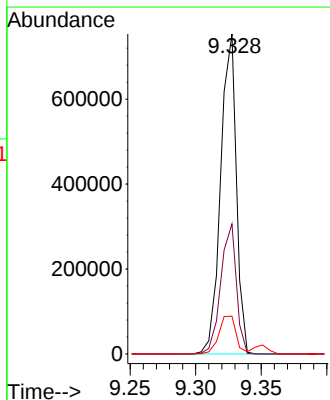
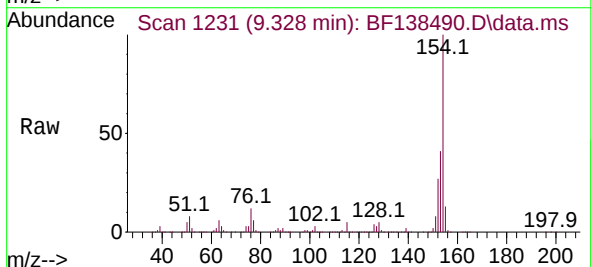
Tgt Ion:154 Resp: 624838

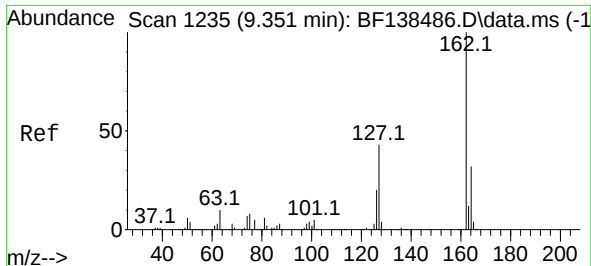
Ion Ratio Lower Upper

154 100

153 40.6 20.7 60.7

76 11.8 0.0 32.2





#47

2-Chloronaphthalene

Concen: 39.424 ng

RT: 9.351 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF138490.D

Acq: 09 Jul 2024 17:48

Instrument :

BNA_F

ClientSampleId :

ICVBF070924

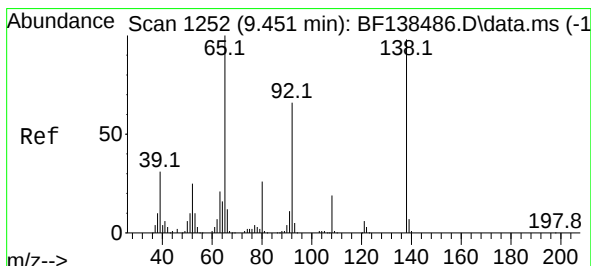
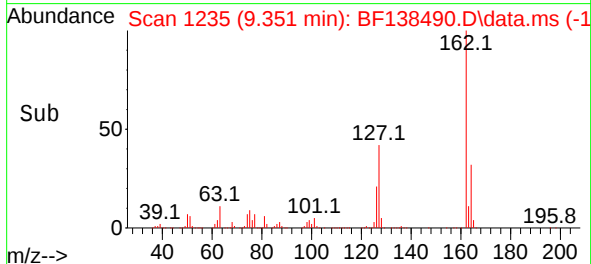
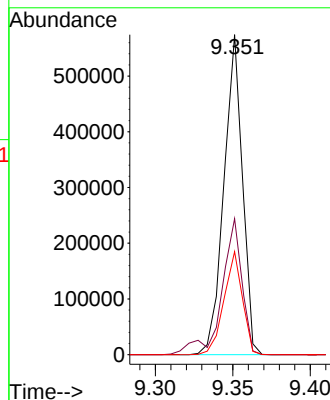
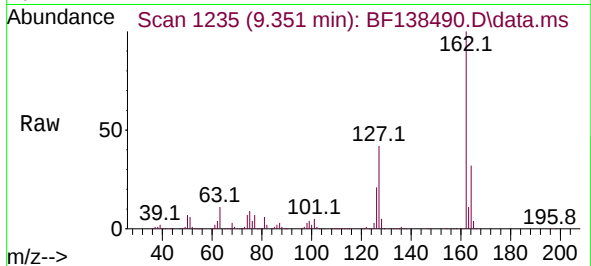
Tgt Ion:162 Resp: 476477

Ion Ratio Lower Upper

162 100

127 42.5 34.8 52.2

164 32.2 25.6 38.4



#48

2-Nitroaniline

Concen: 40.939 ng

RT: 9.445 min Scan# 1251

Delta R.T. -0.006 min

Lab File: BF138490.D

Acq: 09 Jul 2024 17:48

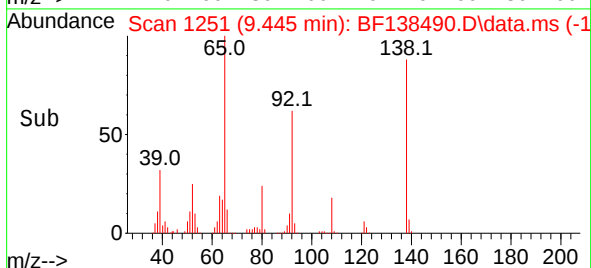
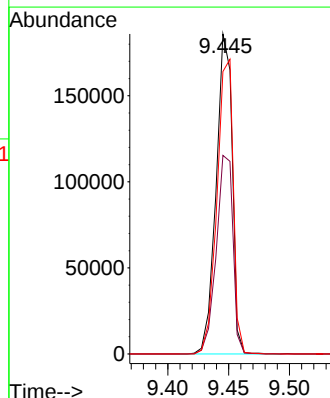
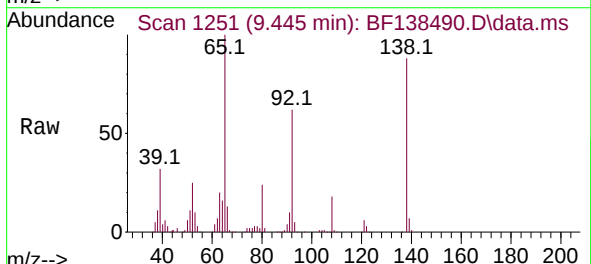
Tgt Ion: 65 Resp: 171458

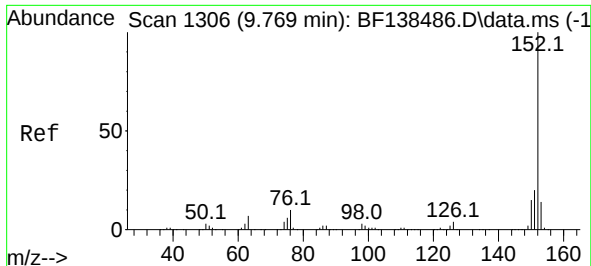
Ion Ratio Lower Upper

65 100

92 62.1 52.6 78.8

138 88.3 78.6 118.0





#49

Acenaphthylene

Concen: 39.575 ng

RT: 9.763 min Scan# 1305

Delta R.T. -0.006 min

Lab File: BF138490.D

Acq: 09 Jul 2024 17:48

Instrument :

BNA_F

ClientSampleId :

ICVBF070924

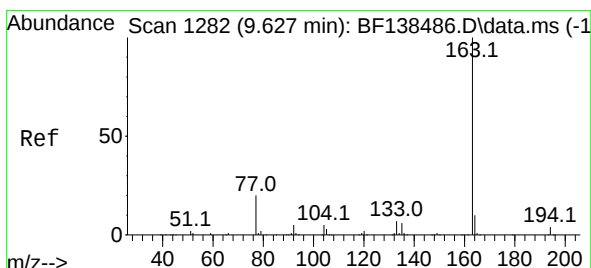
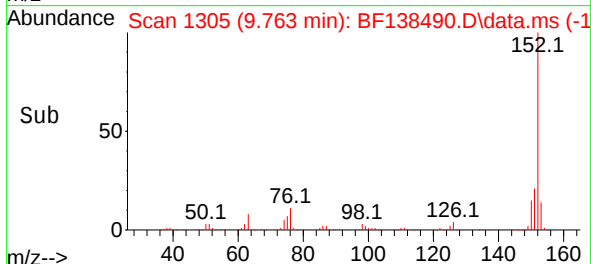
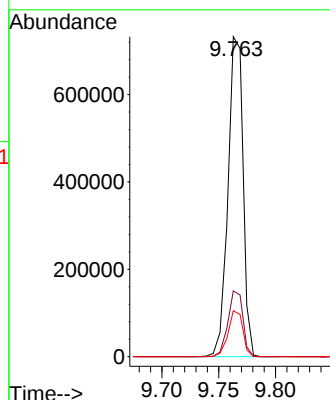
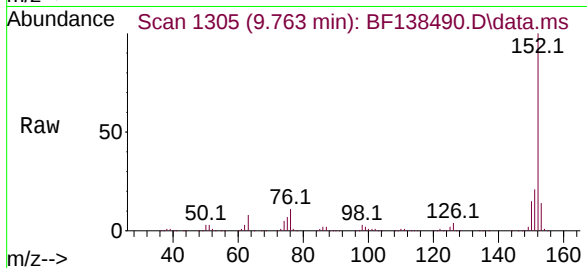
Tgt Ion:152 Resp: 679075

Ion Ratio Lower Upper

152 100

151 20.5 16.3 24.5

153 14.4 11.3 16.9



#50

Dimethylphthalate

Concen: 39.937 ng

RT: 9.628 min Scan# 1282

Delta R.T. 0.000 min

Lab File: BF138490.D

Acq: 09 Jul 2024 17:48

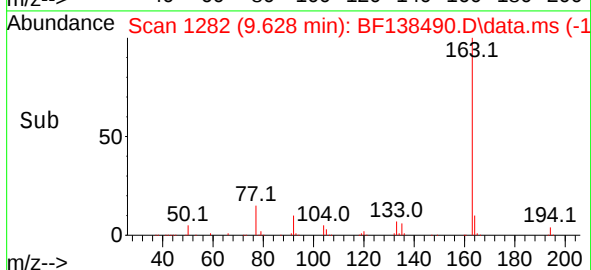
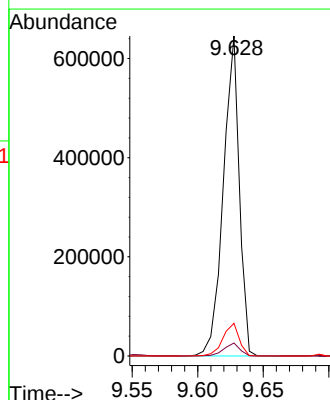
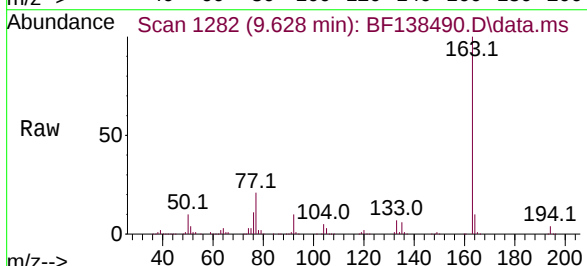
Tgt Ion:163 Resp: 545149

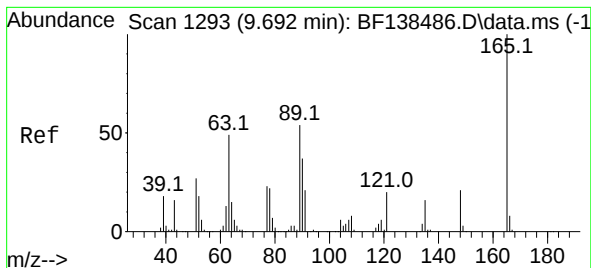
Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

164 10.2 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 40.225 ng

RT: 9.692 min Scan# 1293

Delta R.T. 0.000 min

Lab File: BF138490.D

Acq: 09 Jul 2024 17:48

Instrument :

BNA_F

ClientSampleId :

ICVBF070924

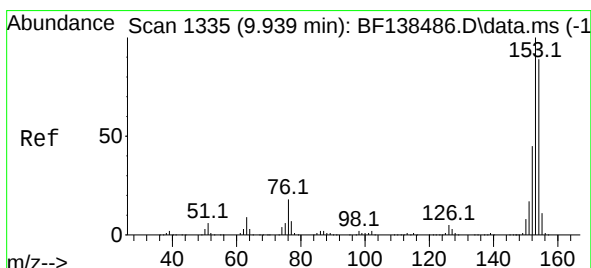
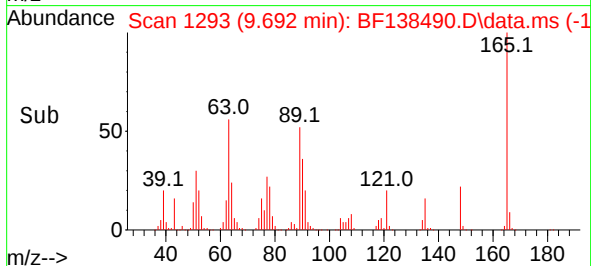
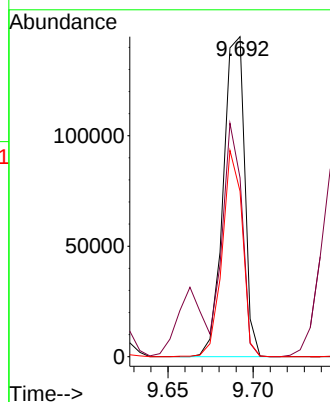
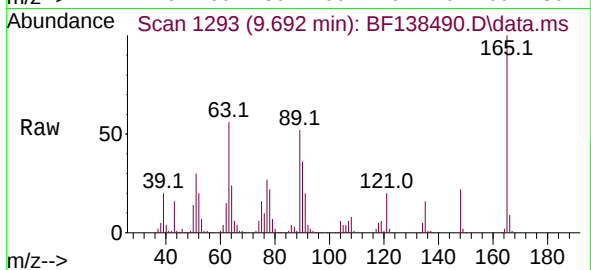
Tgt Ion:165 Resp: 126424

Ion Ratio Lower Upper

165 100

63 55.9 48.1 72.1

89 51.7 43.0 64.6



#52

Acenaphthene

Concen: 40.006 ng

RT: 9.939 min Scan# 1335

Delta R.T. 0.000 min

Lab File: BF138490.D

Acq: 09 Jul 2024 17:48

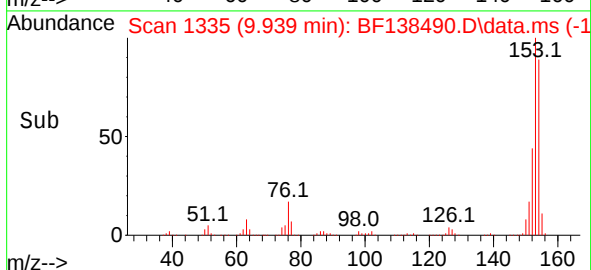
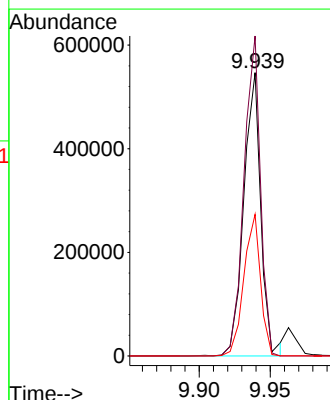
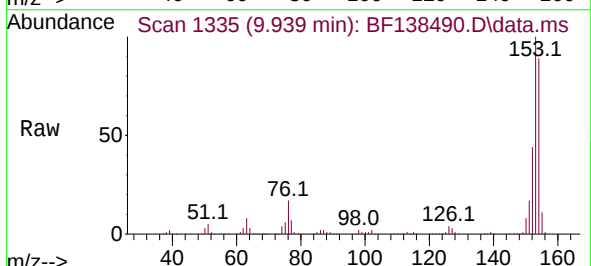
Tgt Ion:154 Resp: 456310

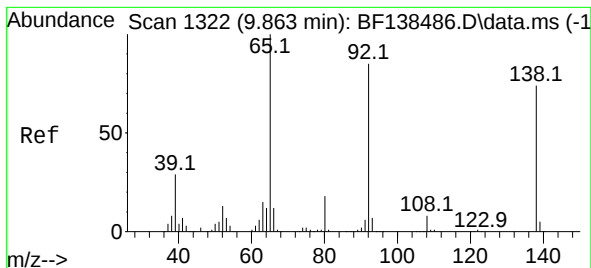
Ion Ratio Lower Upper

154 100

153 112.9 90.4 135.6

152 50.0 41.1 61.7





#53

3-Nitroaniline

Concen: 40.446 ng

RT: 9.857 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF138490.D

Acq: 09 Jul 2024 17:48

Instrument :

BNA_F

ClientSampleId :

ICVBF070924

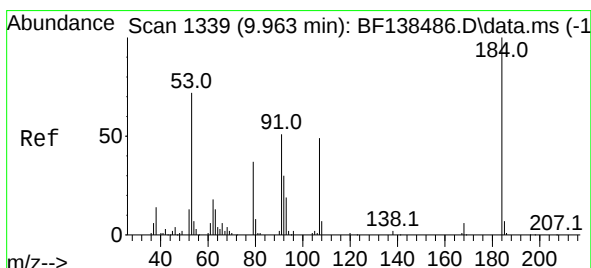
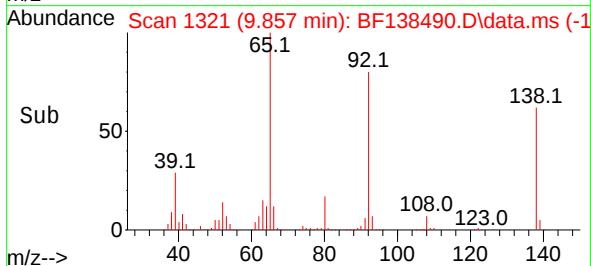
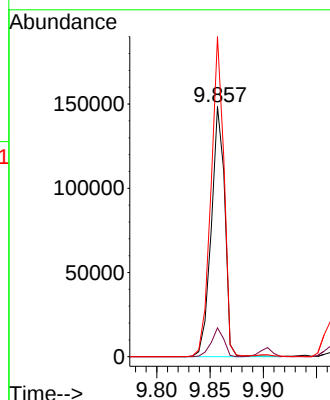
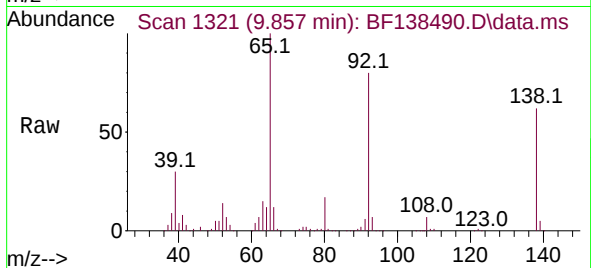
Tgt Ion:138 Resp: 130288

Ion Ratio Lower Upper

138 100

108 11.5 8.3 12.5

92 128.0 92.6 138.8



#54

2,4-Dinitrophenol

Concen: 41.193 ng

RT: 9.963 min Scan# 1339

Delta R.T. -0.000 min

Lab File: BF138490.D

Acq: 09 Jul 2024 17:48

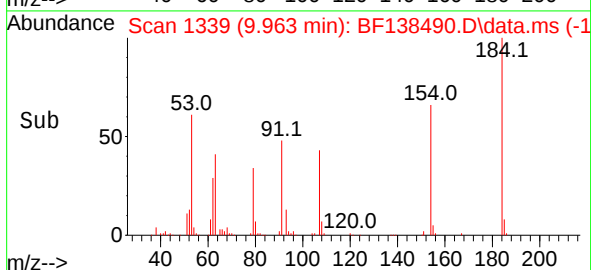
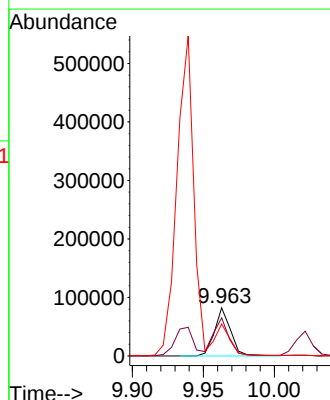
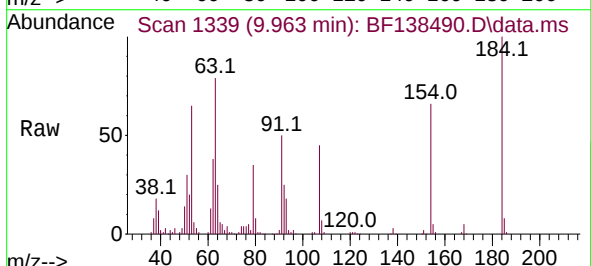
Tgt Ion:184 Resp: 65426

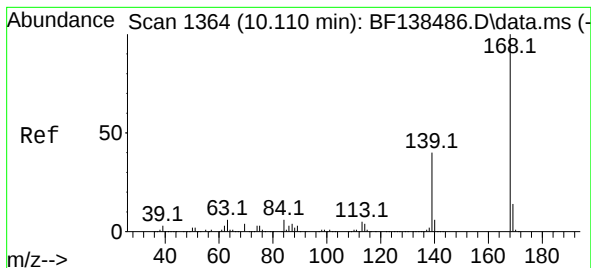
Ion Ratio Lower Upper

184 100

63 79.0 70.6 106.0

154 66.3 53.8 80.6

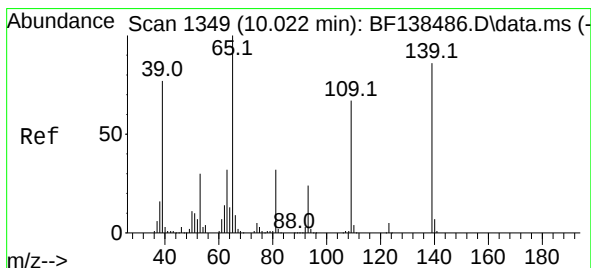
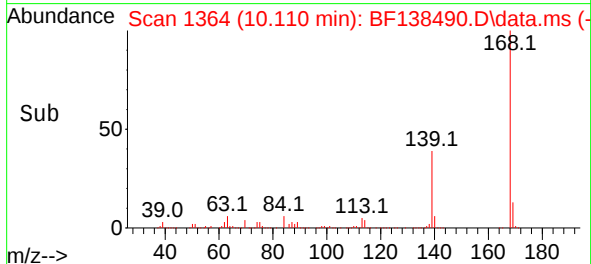
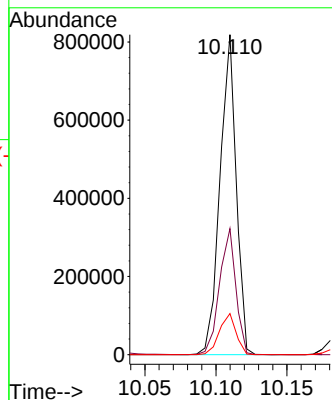
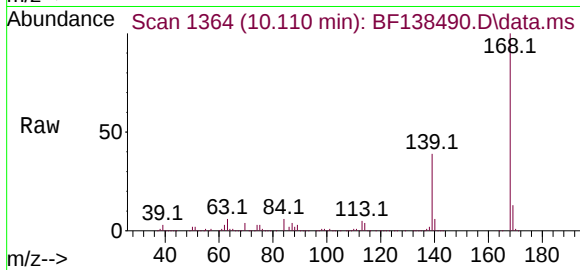




#55
Dibenzenofuran
Concen: 39.287 ng
RT: 10.110 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF138490.D
Acq: 09 Jul 2024 17:48

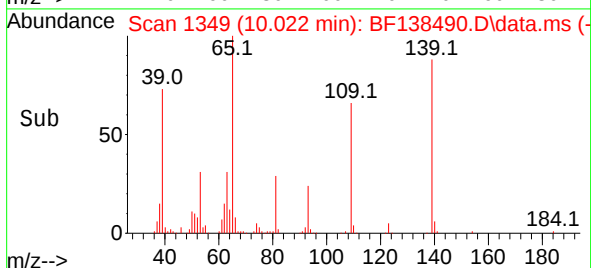
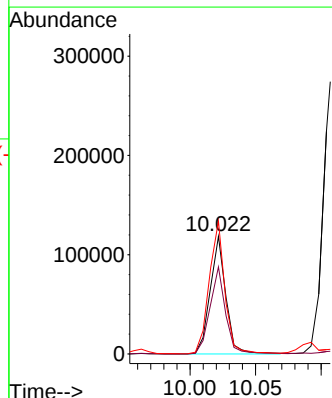
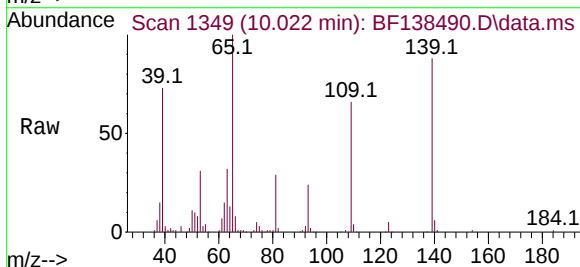
Instrument :
BNA_F
ClientSampleId :
ICVBF070924

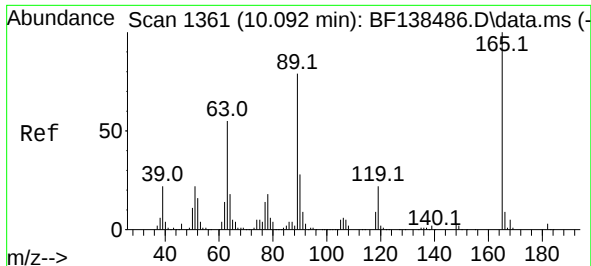
Tgt Ion:168 Resp: 649966
Ion Ratio Lower Upper
168 100
139 39.4 32.4 48.6
169 12.8 10.9 16.3



#56
4-Nitrophenol
Concen: 41.532 ng
RT: 10.022 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BF138490.D
Acq: 09 Jul 2024 17:48

Tgt Ion:139 Resp: 98714
Ion Ratio Lower Upper
139 100
109 74.1 58.1 98.1
65 113.0 96.9 136.9





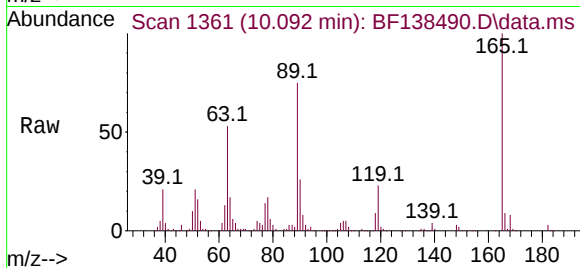
#57
2,4-Dinitrotoluene
Concen: 41.488 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.000 min
Lab File: BF138490.D
Acq: 09 Jul 2024 17:48

Instrument :

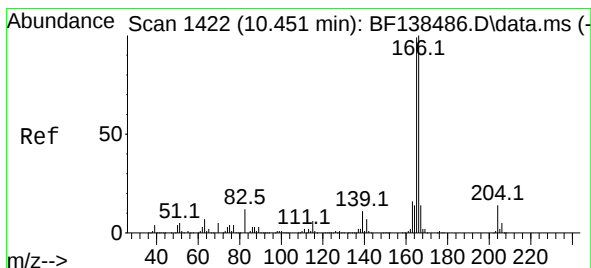
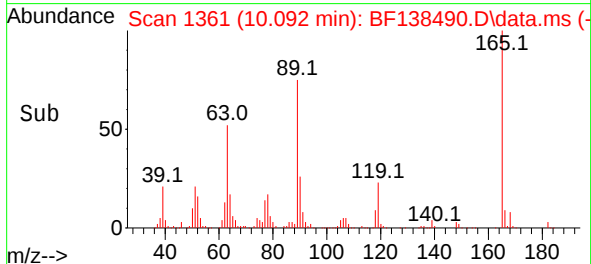
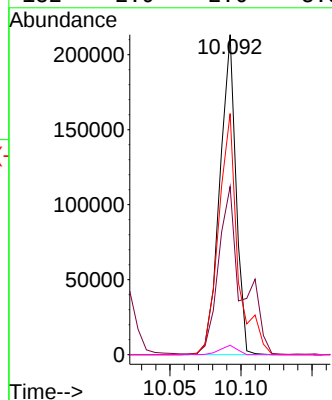
BNA_F

ClientSampleId :

ICVBF070924

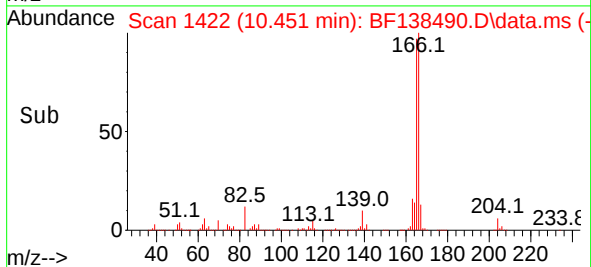
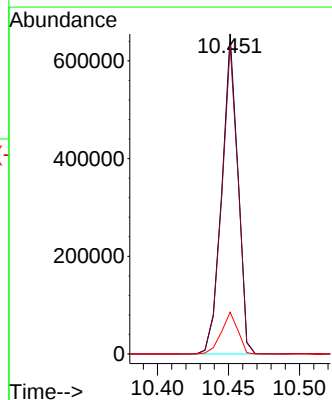
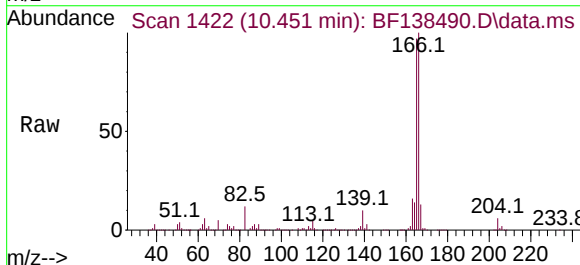


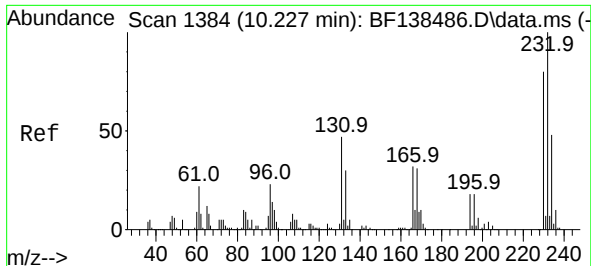
Tgt Ion:165 Resp: 168711
Ion Ratio Lower Upper
165 100
63 52.5 44.6 66.8
89 75.3 63.4 95.2
182 2.9 2.6 3.8



#58
Fluorene
Concen: 39.187 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF138490.D
Acq: 09 Jul 2024 17:48

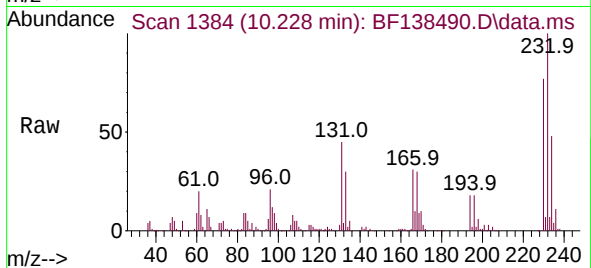
Tgt Ion:166 Resp: 512982
Ion Ratio Lower Upper
166 100
165 96.6 79.1 118.7
167 13.1 11.0 16.6



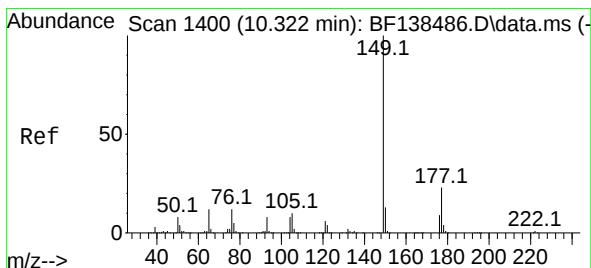
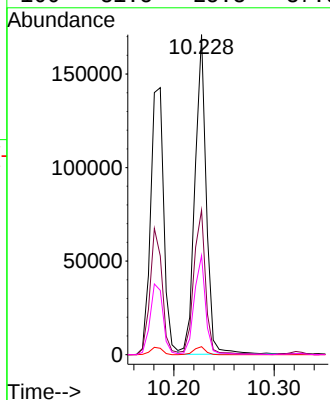
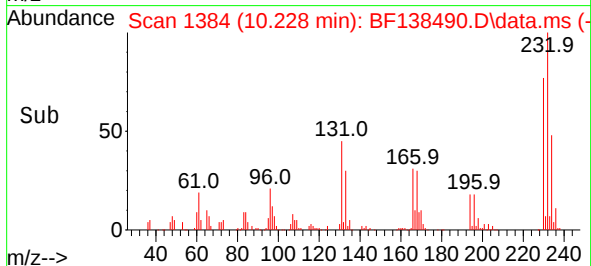


#59
2,3,4,6-Tetrachlorophenol
Concen: 40.976 ng
RT: 10.228 min Scan# 1384
Delta R.T. 0.000 min
Lab File: BF138490.D
Acq: 09 Jul 2024 17:48

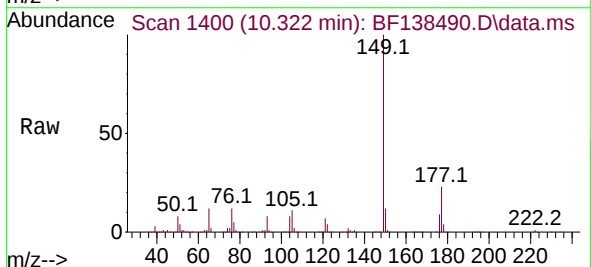
Instrument :
BNA_F
ClientSampleId :
ICVBF070924



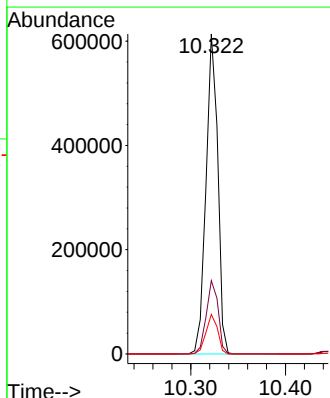
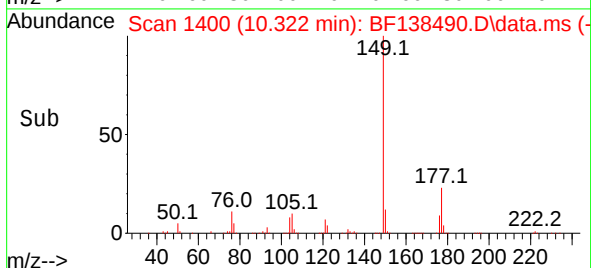
Tgt Ion:232 Resp: 133486
Ion Ratio Lower Upper
232 100
131 47.3 37.5 56.3
130 2.6 2.0 3.0
166 31.5 25.3 37.9

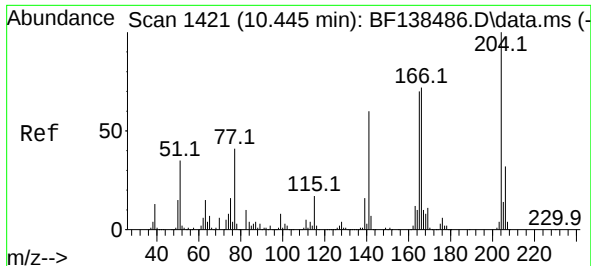


#60
Diethylphthalate
Concen: 40.141 ng
RT: 10.322 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BF138490.D
Acq: 09 Jul 2024 17:48



Tgt Ion:149 Resp: 528230
Ion Ratio Lower Upper
149 100
177 22.9 18.5 27.7
150 12.3 10.3 15.5

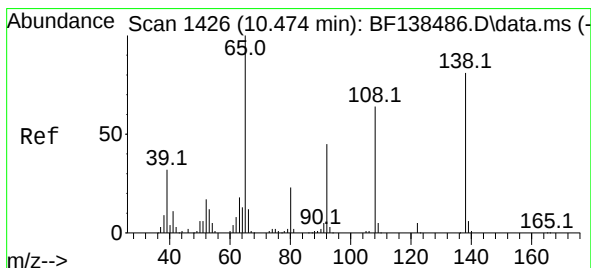
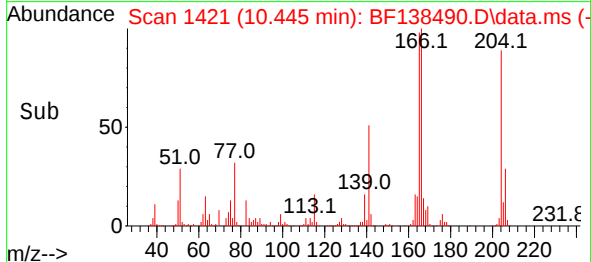
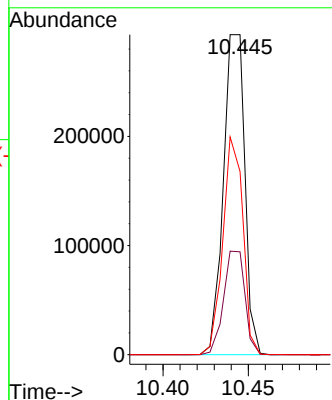
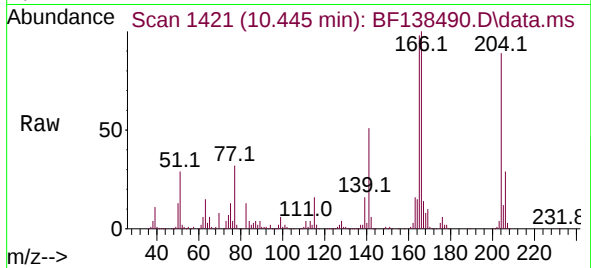




#61
4-Chlorophenyl-phenylether
Concen: 39.172 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF138490.D
Acq: 09 Jul 2024 17:48

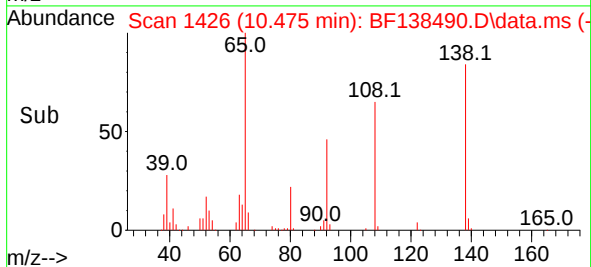
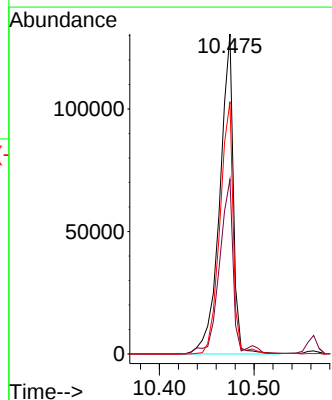
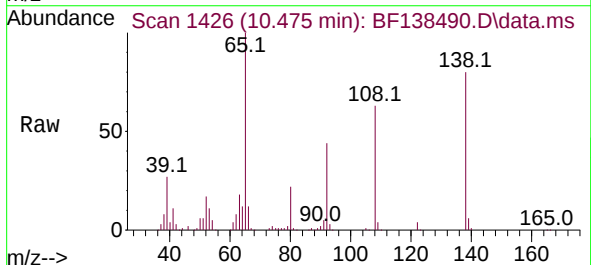
Instrument :
BNA_F
ClientSampleId :
ICVBF070924

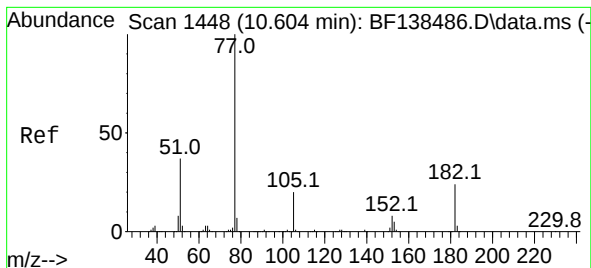
Tgt Ion:204 Resp: 257489
Ion Ratio Lower Upper
204 100
206 32.2 25.6 38.4
141 57.2 47.7 71.5



#62
4-Nitroaniline
Concen: 40.336 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF138490.D
Acq: 09 Jul 2024 17:48

Tgt Ion:138 Resp: 130202
Ion Ratio Lower Upper
138 100
92 54.5 35.8 75.8
108 78.9 59.8 99.8





#63

Azobenzene

Concen: 39.822 ng

RT: 10.604 min Scan# 1448

Delta R.T. 0.000 min

Lab File: BF138490.D

Acq: 09 Jul 2024 17:48

Instrument :

BNA_F

ClientSampleId :

ICVBF070924

Tgt Ion: 77 Resp: 563395

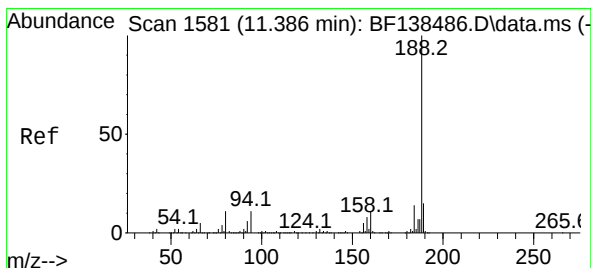
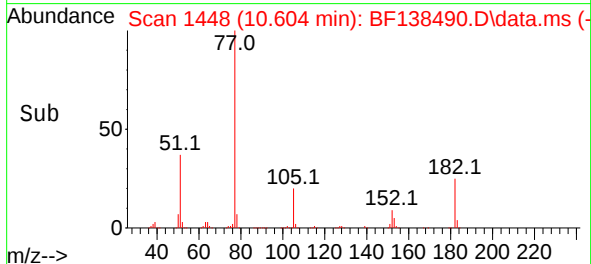
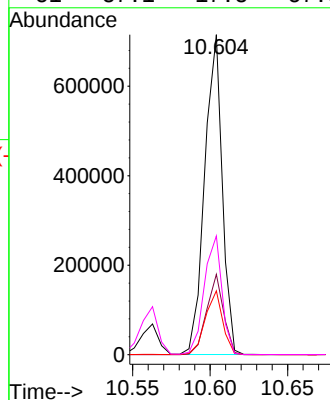
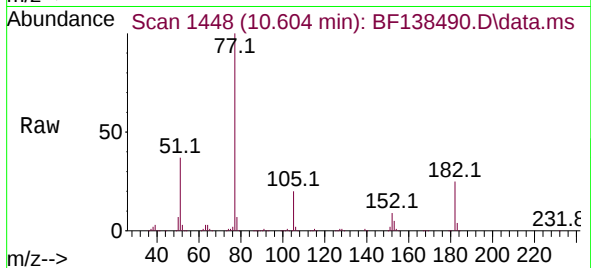
Ion Ratio Lower Upper

77 100

182 25.1 3.8 43.8

105 19.9 0.0 39.8

51 37.1 17.3 57.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1581

Delta R.T. 0.000 min

Lab File: BF138490.D

Acq: 09 Jul 2024 17:48

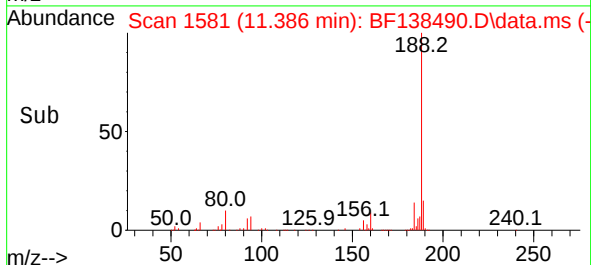
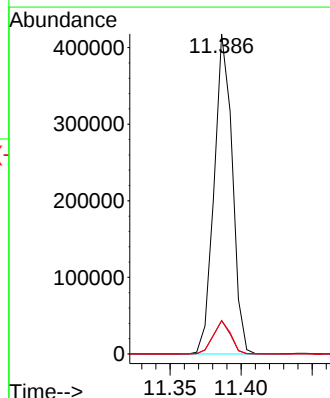
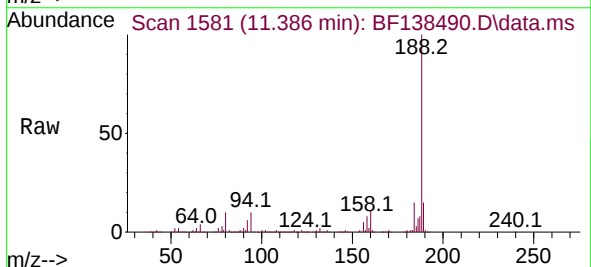
Tgt Ion: 188 Resp: 371389

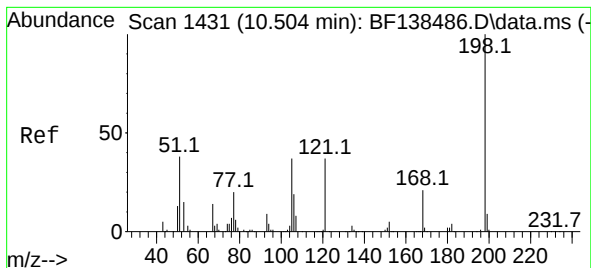
Ion Ratio Lower Upper

188 100

94 10.4 8.7 13.1

80 10.4 9.0 13.4

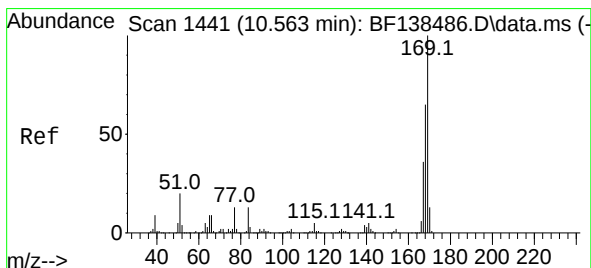
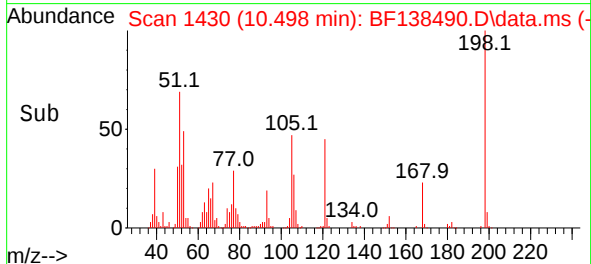
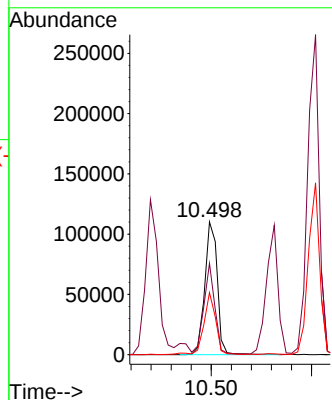
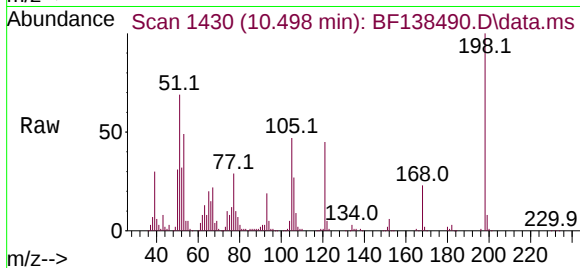




#65
4,6-Dinitro-2-methylphenol
Concen: 44.709 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF138490.D
Acq: 09 Jul 2024 17:48

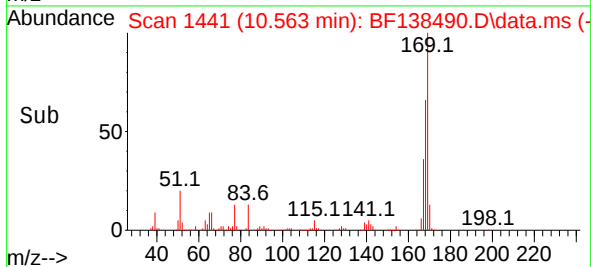
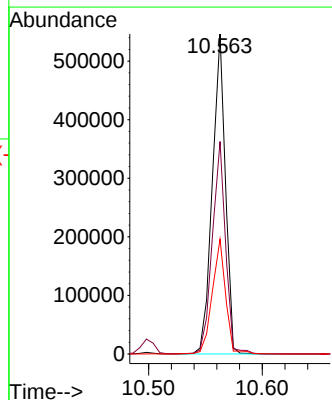
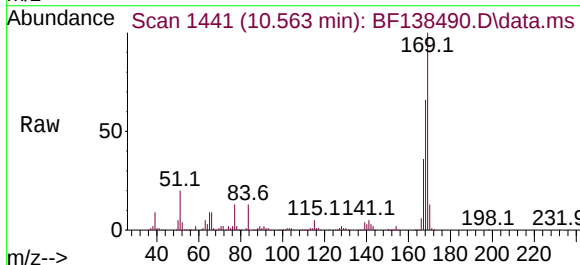
Instrument :
BNA_F
ClientSampleId :
ICVBF070924

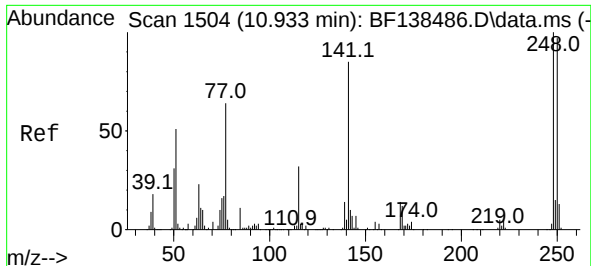
Tgt Ion:198 Resp: 95875
Ion Ratio Lower Upper
198 100
51 68.9 27.2 67.2#
105 46.7 18.5 58.5



#66
n-Nitrosodiphenylamine
Concen: 39.035 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF138490.D
Acq: 09 Jul 2024 17:48

Tgt Ion:169 Resp: 434348
Ion Ratio Lower Upper
169 100
168 66.4 51.7 77.5
167 35.9 28.5 42.7

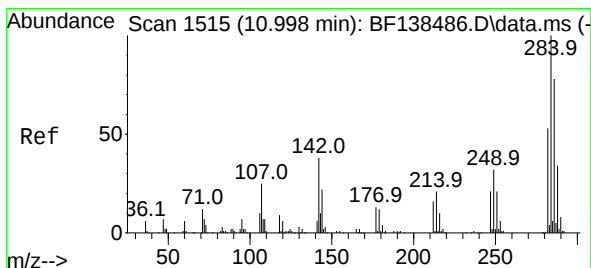
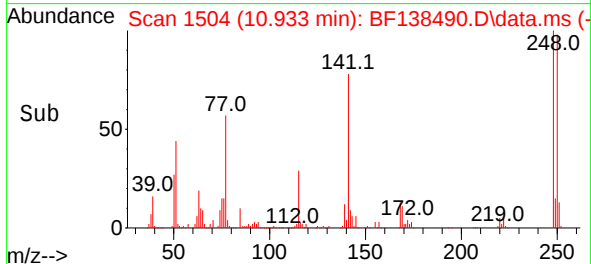
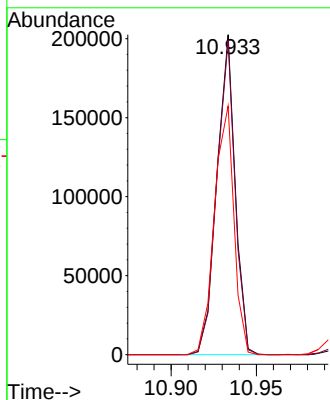
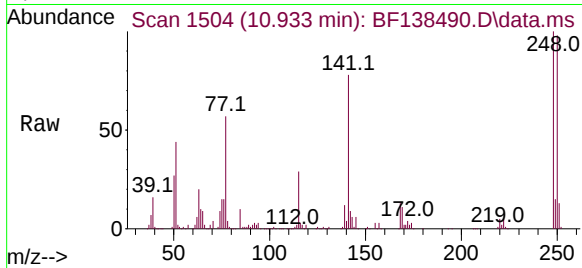




#67
4-Bromophenyl-phenylether
Concen: 39.810 ng
RT: 10.933 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF138490.D
Acq: 09 Jul 2024 17:48

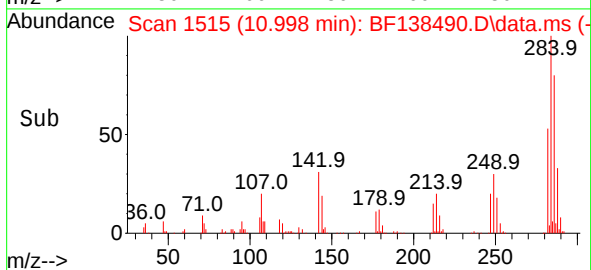
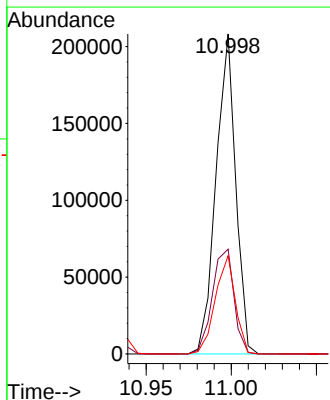
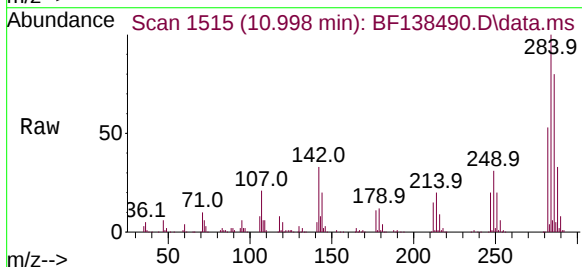
Instrument :
BNA_F
ClientSampleId :
ICVBF070924

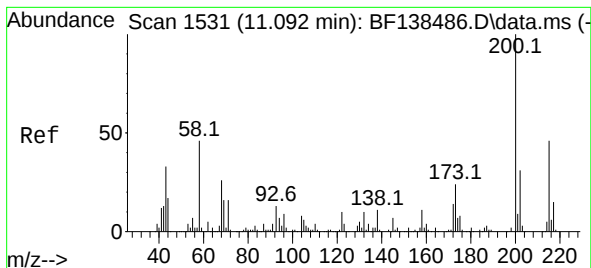
Tgt Ion:248 Resp: 151962
Ion Ratio Lower Upper
248 100
250 98.2 77.9 116.9
141 77.7 67.7 101.5



#68
Hexachlorobenzene
Concen: 39.477 ng
RT: 10.998 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BF138490.D
Acq: 09 Jul 2024 17:48

Tgt Ion:284 Resp: 167404
Ion Ratio Lower Upper
284 100
142 32.8 30.5 45.7
249 30.7 25.9 38.9





#69

Atrazine

Concen: 39.053 ng

RT: 11.086 min Scan# 1530

Delta R.T. -0.006 min

Lab File: BF138490.D

Acq: 09 Jul 2024 17:48

Instrument :

BNA_F

ClientSampleId :

ICVBF070924

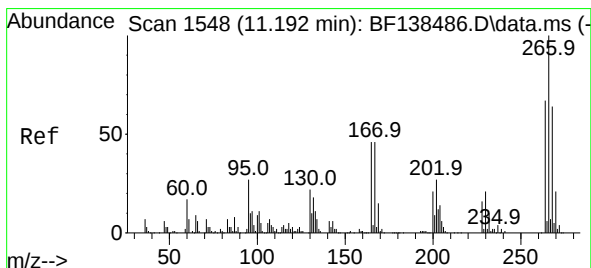
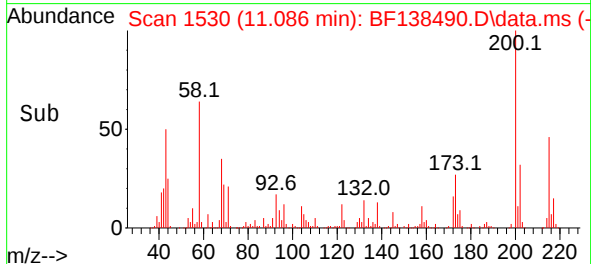
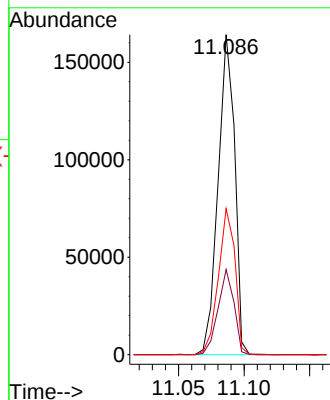
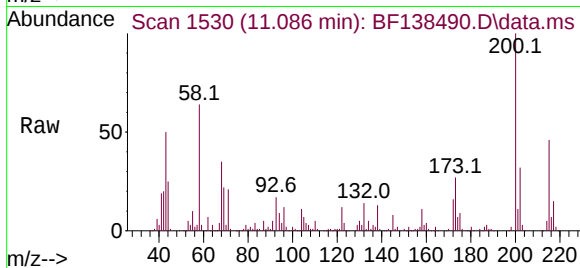
Tgt Ion:200 Resp: 144073

Ion Ratio Lower Upper

200 100

173 26.6 4.1 44.1

215 45.7 26.5 66.5



#70

Pentachlorophenol

Concen: 41.807 ng

RT: 11.192 min Scan# 1548

Delta R.T. 0.000 min

Lab File: BF138490.D

Acq: 09 Jul 2024 17:48

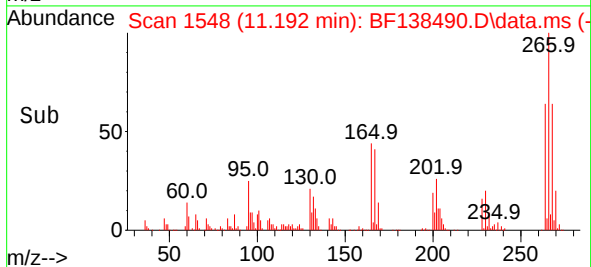
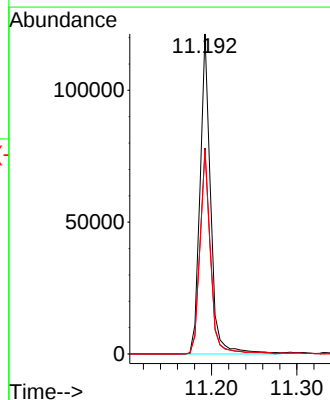
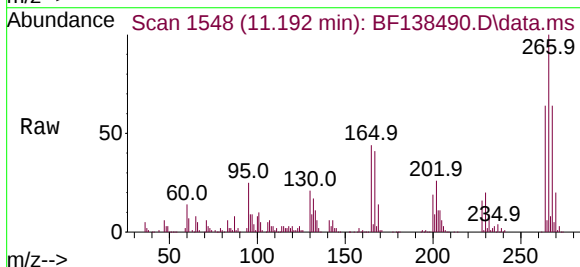
Tgt Ion:266 Resp: 104906

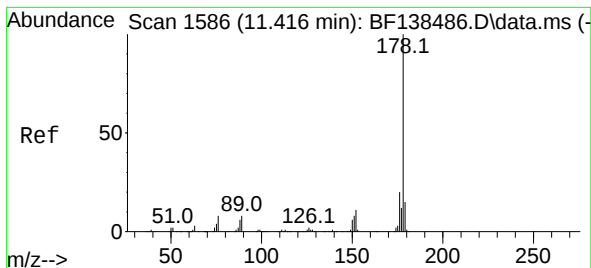
Ion Ratio Lower Upper

266 100

268 64.4 50.9 76.3

264 63.8 53.5 80.3





#71

Phenanthrene

Concen: 38.889 ng

RT: 11.416 min Scan# 1586

Delta R.T. 0.000 min

Lab File: BF138490.D

Acq: 09 Jul 2024 17:48

Instrument :

BNA_F

ClientSampleId :

ICVBF070924

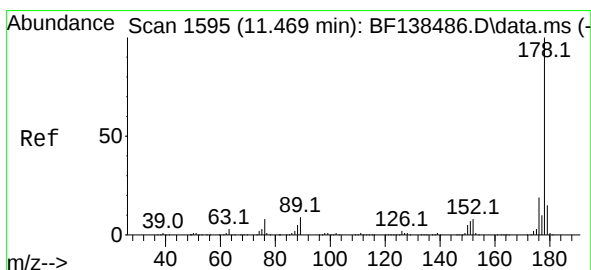
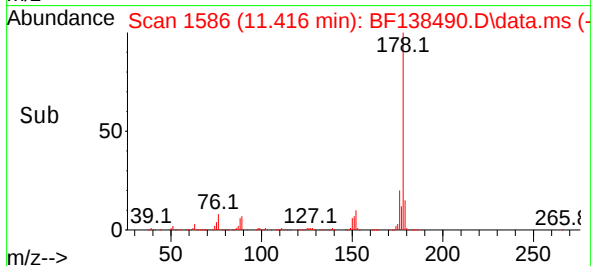
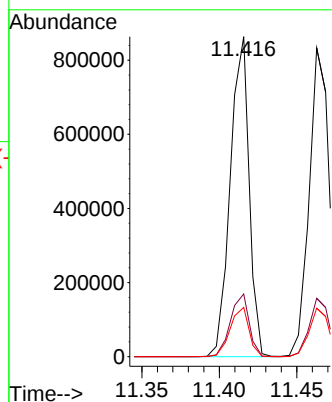
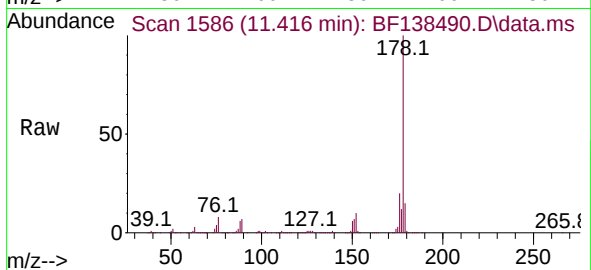
Tgt Ion:178 Resp: 729667

Ion Ratio Lower Upper

178 100

176 19.6 15.7 23.5

179 15.4 12.2 18.2



#72

Anthracene

Concen: 39.164 ng

RT: 11.463 min Scan# 1594

Delta R.T. -0.006 min

Lab File: BF138490.D

Acq: 09 Jul 2024 17:48

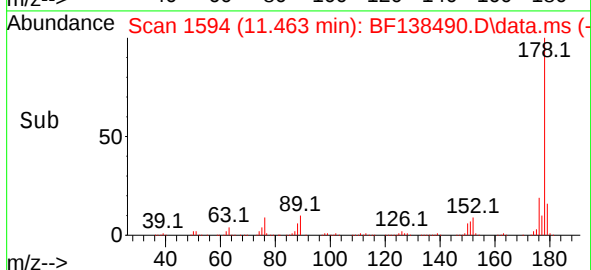
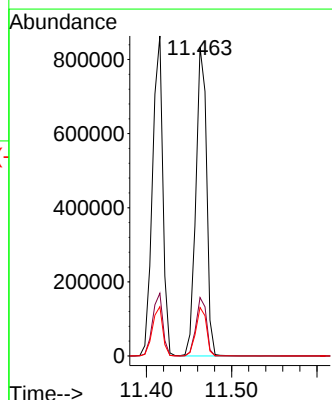
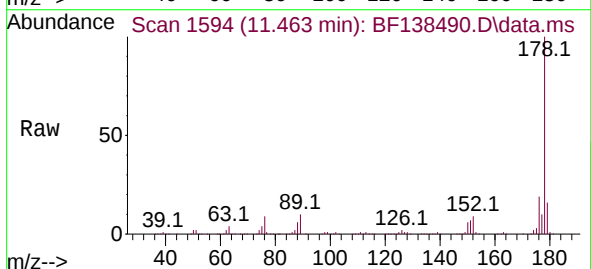
Tgt Ion:178 Resp: 729445

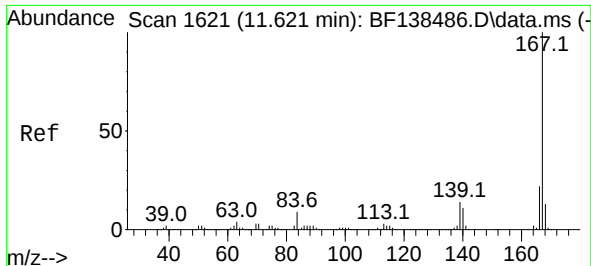
Ion Ratio Lower Upper

178 100

176 18.9 14.8 22.2

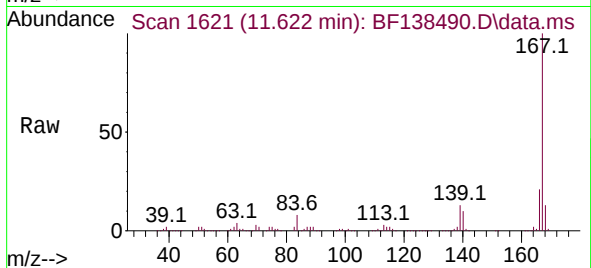
179 15.7 12.2 18.4



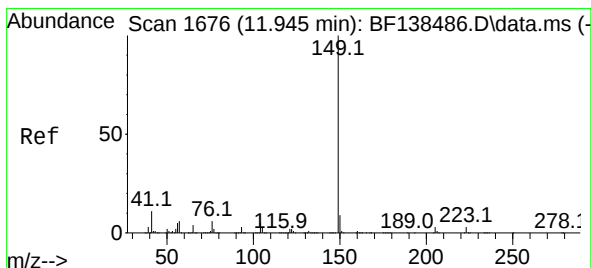
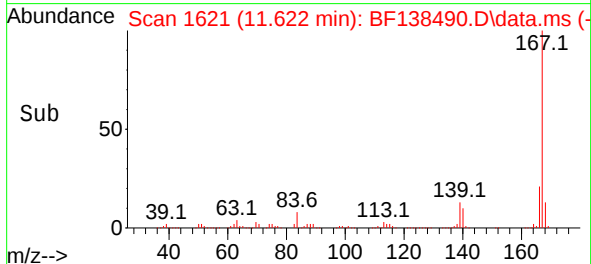
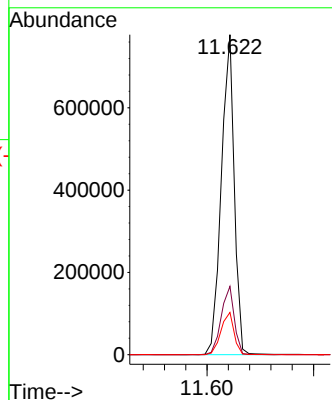


#73
 Carbazole
 Concen: 39.033 ng
 RT: 11.622 min Scan# 1621
 Delta R.T. 0.000 min
 Lab File: BF138490.D
 Acq: 09 Jul 2024 17:48

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF070924

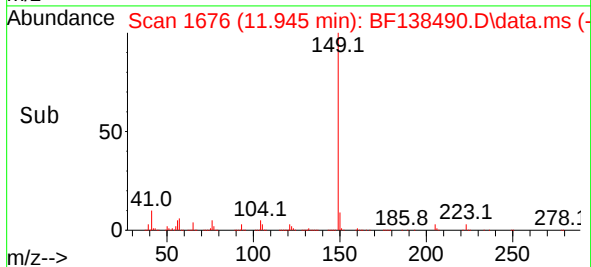
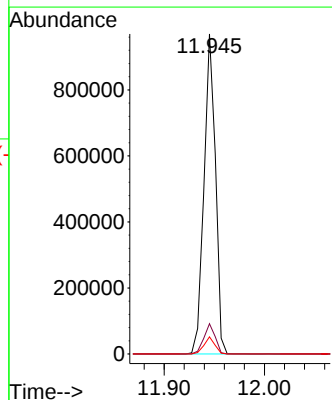
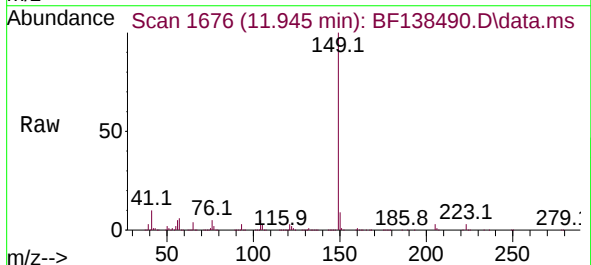


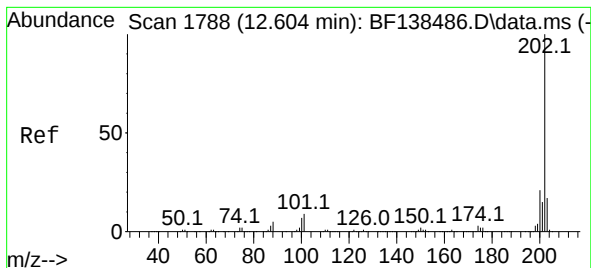
Tgt Ion:167 Resp: 653335
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.8 26.6
 139 13.2 11.0 16.4



#74
 Di-n-butylphthalate
 Concen: 40.015 ng
 RT: 11.945 min Scan# 1676
 Delta R.T. 0.000 min
 Lab File: BF138490.D
 Acq: 09 Jul 2024 17:48

Tgt Ion:149 Resp: 772023
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.0
 104 5.3 4.4 6.6





#75

Fluoranthene

Concen: 38.797 ng

RT: 12.598 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138490.D

Acq: 09 Jul 2024 17:48

Instrument :

BNA_F

ClientSampleId :

ICVBF070924

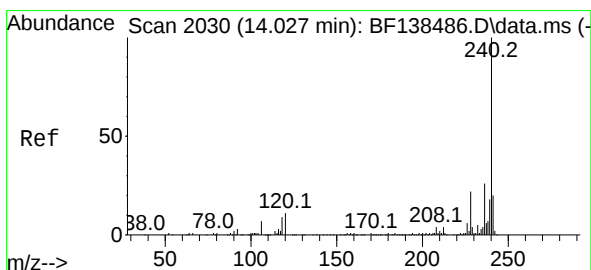
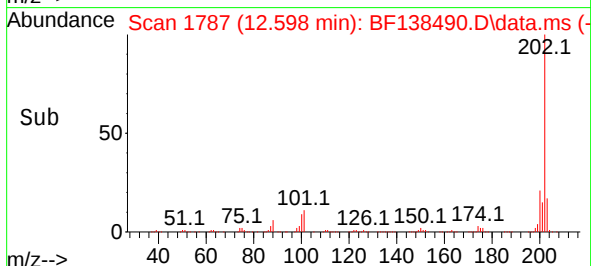
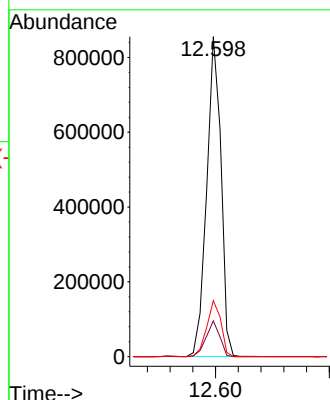
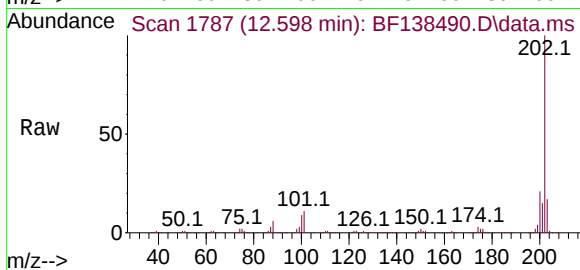
Tgt Ion:202 Resp: 742797

Ion Ratio Lower Upper

202 100

101 11.2 0.0 29.2

203 17.5 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.021 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF138490.D

Acq: 09 Jul 2024 17:48

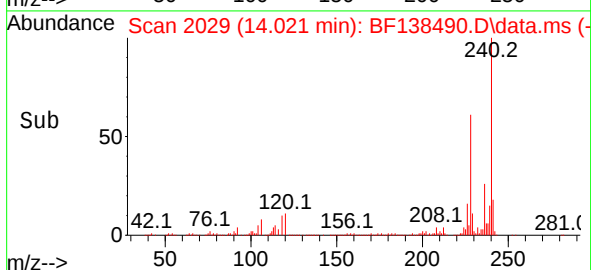
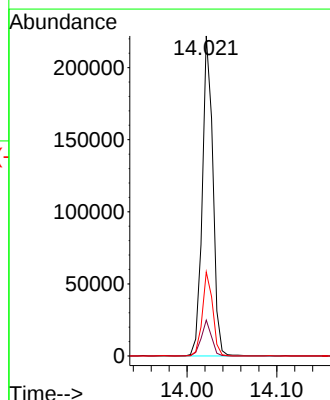
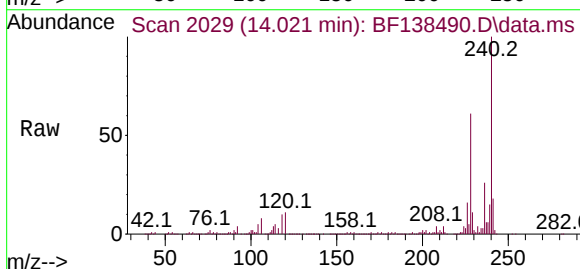
Tgt Ion:240 Resp: 181868

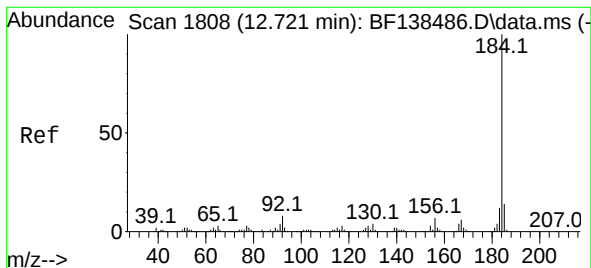
Ion Ratio Lower Upper

240 100

120 11.2 8.6 12.8

236 26.2 21.0 31.6





#77

Benzidine

Concen: 46.352 ng

RT: 12.722 min Scan# 1808

Delta R.T. 0.001 min

Lab File: BF138490.D

Acq: 09 Jul 2024 17:48

Instrument :

BNA_F

ClientSampleId :

ICVBF070924

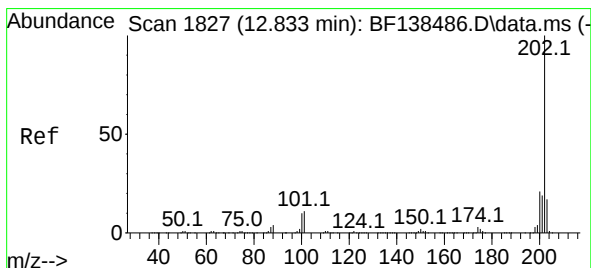
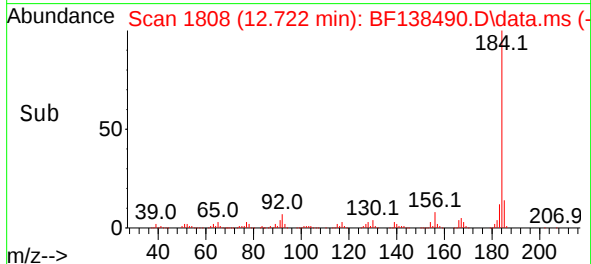
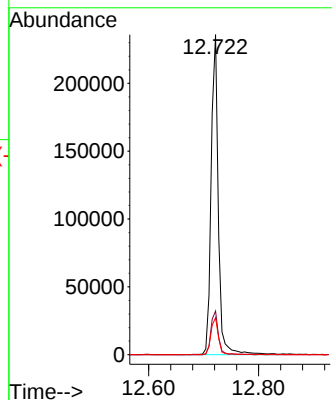
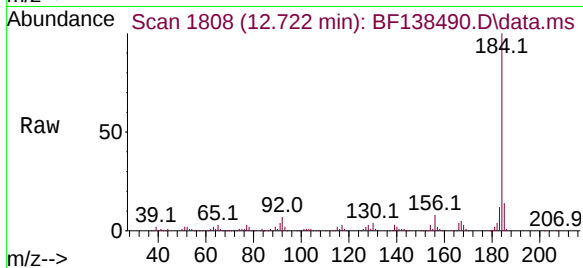
Tgt Ion:184 Resp: 212686

Ion Ratio Lower Upper

184 100

185 13.6 11.3 16.9

183 11.5 9.5 14.3



#78

Pyrene

Concen: 40.602 ng

RT: 12.827 min Scan# 1826

Delta R.T. -0.006 min

Lab File: BF138490.D

Acq: 09 Jul 2024 17:48

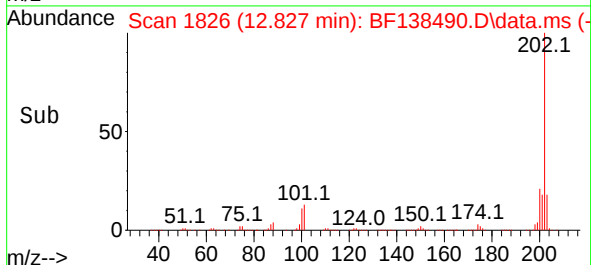
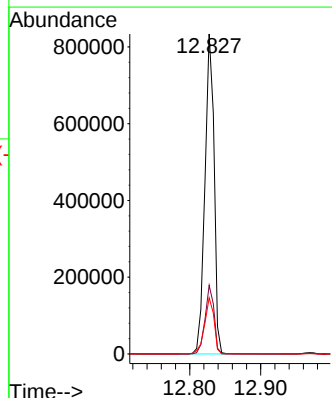
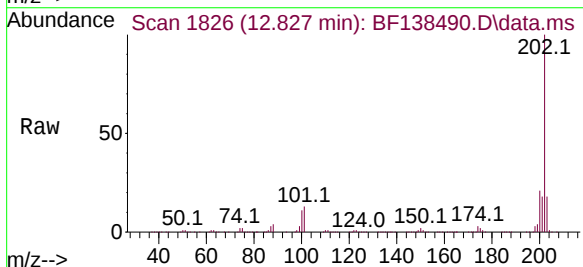
Tgt Ion:202 Resp: 749590

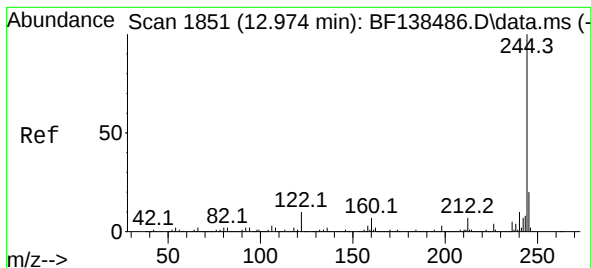
Ion Ratio Lower Upper

202 100

200 21.5 17.0 25.6

203 17.6 13.7 20.5





#79

Terphenyl-d14

Concen: 81.756 ng

RT: 12.969 min Scan# 1850

Delta R.T. -0.006 min

Lab File: BF138490.D

Acq: 09 Jul 2024 17:48

Instrument :

BNA_F

ClientSampleId :

ICVBF070924

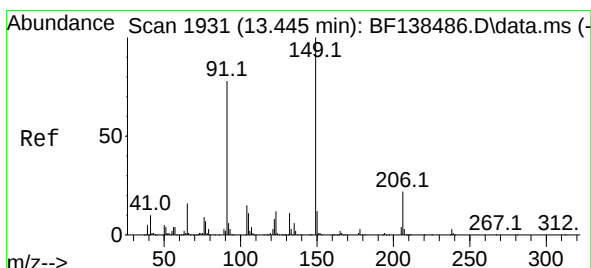
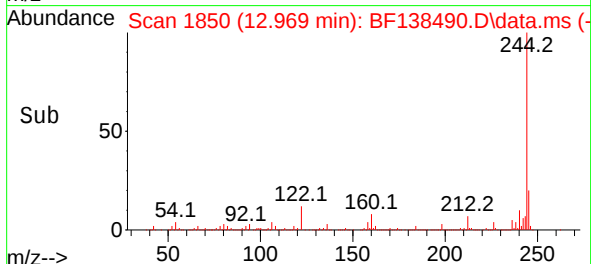
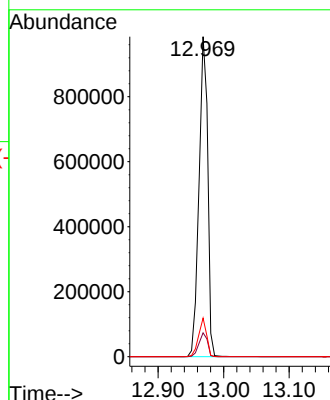
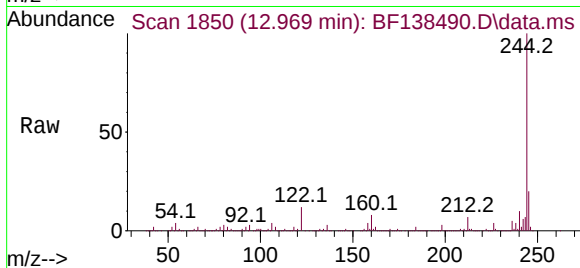
Tgt Ion:244 Resp: 912694

Ion Ratio Lower Upper

244 100

212 7.4 5.5 8.3

122 12.0 7.8 11.8#



#80

Butylbenzylphthalate

Concen: 42.891 ng

RT: 13.445 min Scan# 1931

Delta R.T. 0.000 min

Lab File: BF138490.D

Acq: 09 Jul 2024 17:48

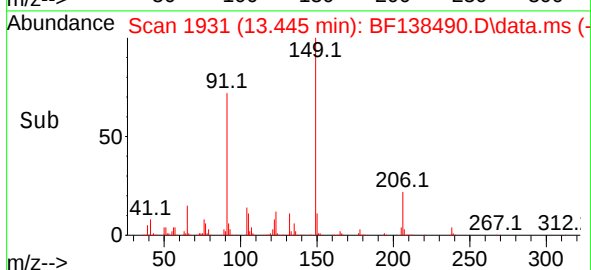
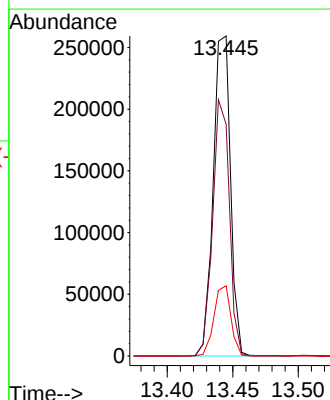
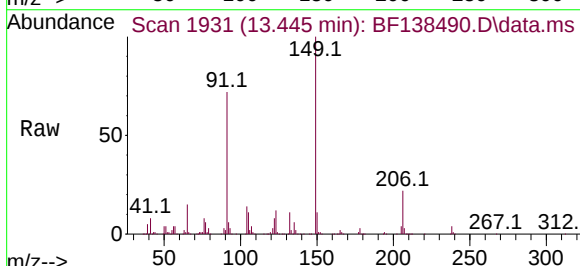
Tgt Ion:149 Resp: 238205

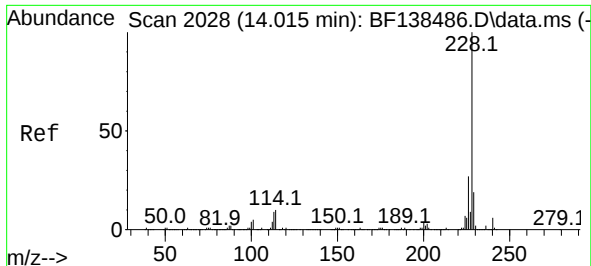
Ion Ratio Lower Upper

149 100

91 72.4 62.1 93.1

206 21.9 18.0 27.0

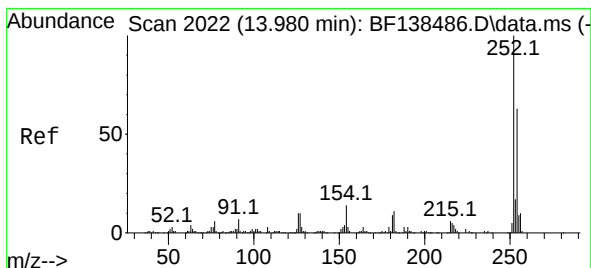
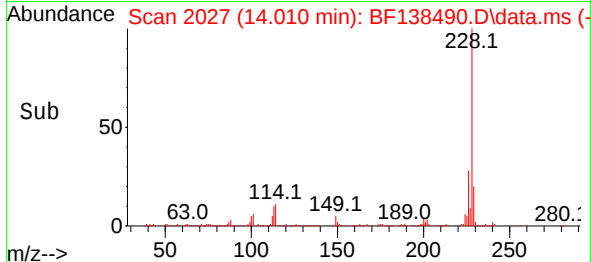
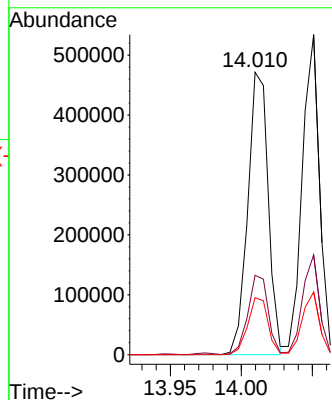
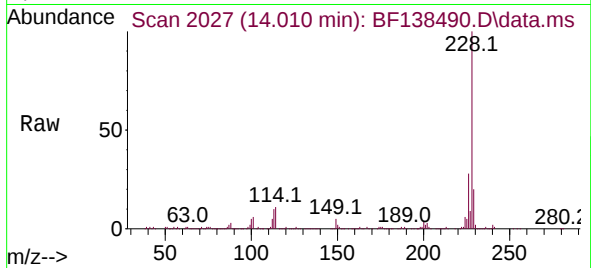




#81
Benzo(a)anthracene
Concen: 38.676 ng
RT: 14.010 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF138490.D
Acq: 09 Jul 2024 17:48

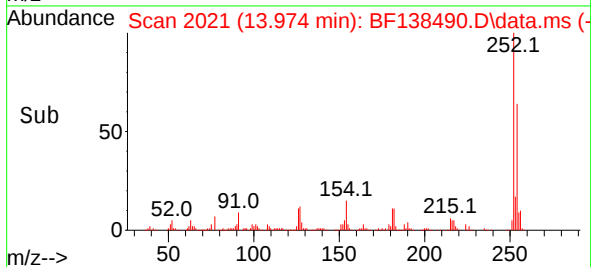
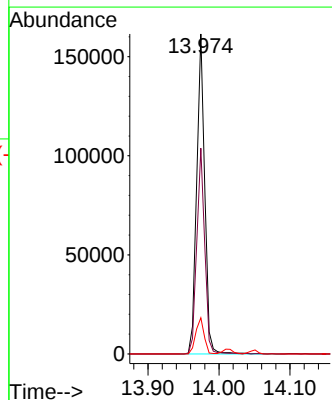
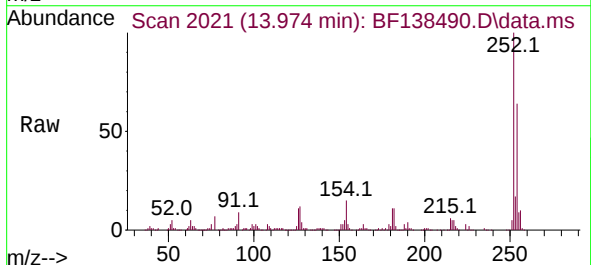
Instrument :
BNA_F
ClientSampleId :
ICVBF070924

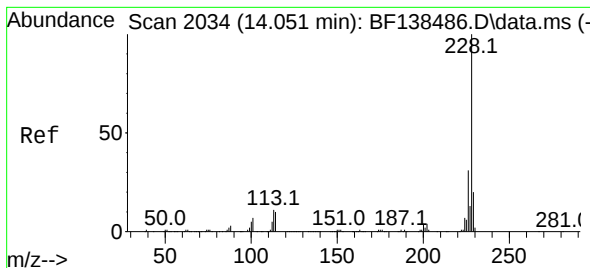
Tgt Ion:228 Resp: 471978
Ion Ratio Lower Upper
228 100
226 28.1 21.9 32.9
229 20.2 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 40.598 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF138490.D
Acq: 09 Jul 2024 17:48

Tgt Ion:252 Resp: 127660
Ion Ratio Lower Upper
252 100
254 64.3 50.3 75.5
126 11.3 8.1 12.1





#83

Chrysene

Concen: 39.179 ng

RT: 14.051 min Scan# 2034

Delta R.T. 0.000 min

Lab File: BF138490.D

Acq: 09 Jul 2024 17:48

Instrument :

BNA_F

ClientSampleId :

ICVBF070924

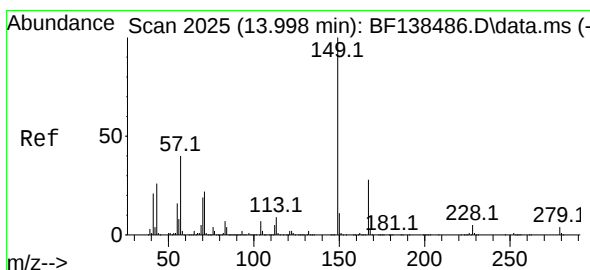
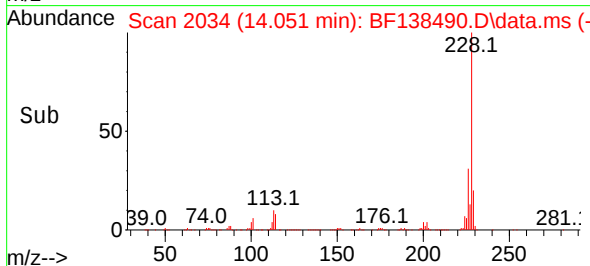
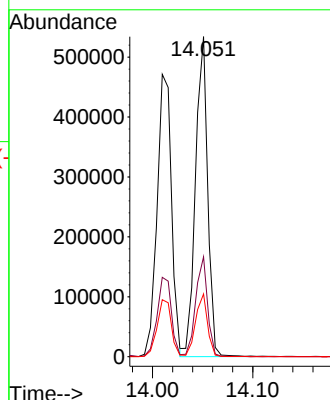
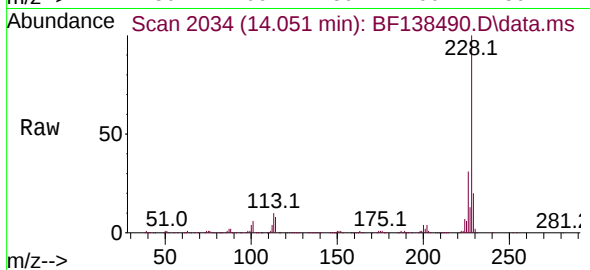
Tgt Ion:228 Resp: 452303

Ion Ratio Lower Upper

228 100

226 31.2 24.4 36.6

229 19.6 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.306 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF138490.D

Acq: 09 Jul 2024 17:48

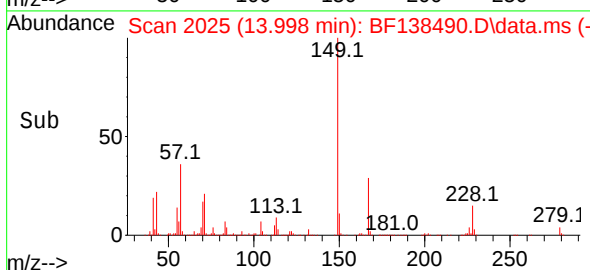
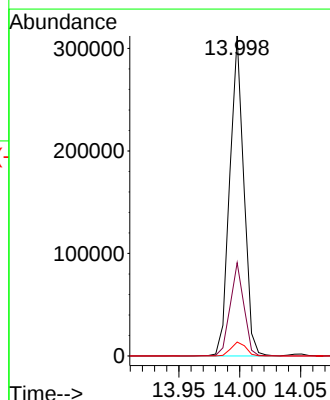
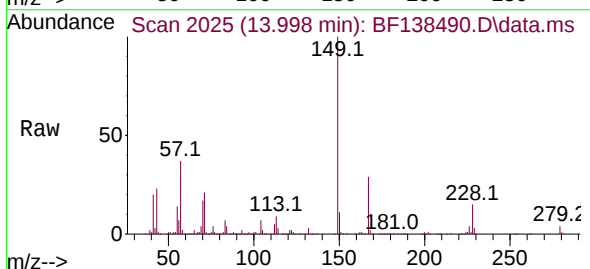
Tgt Ion:149 Resp: 250586

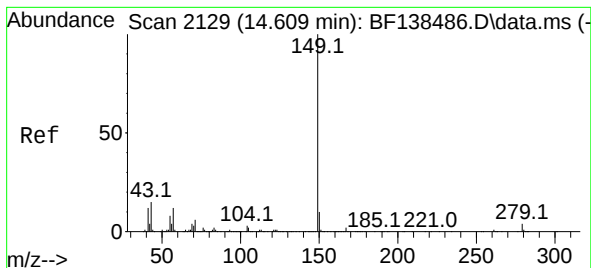
Ion Ratio Lower Upper

149 100

167 29.2 22.5 33.7

279 4.4 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 39.498 ng

RT: 14.610 min Scan# 2129

Delta R.T. 0.001 min

Lab File: BF138490.D

Acq: 09 Jul 2024 17:48

Instrument :

BNA_F

ClientSampleId :

ICVBF070924

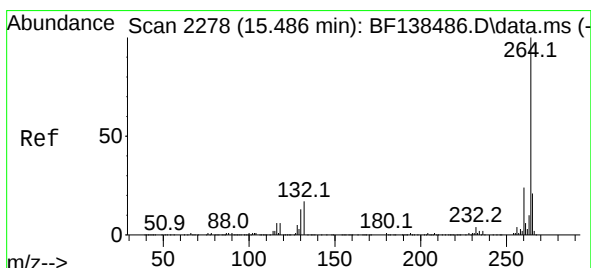
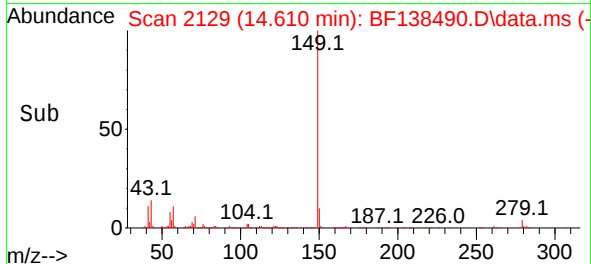
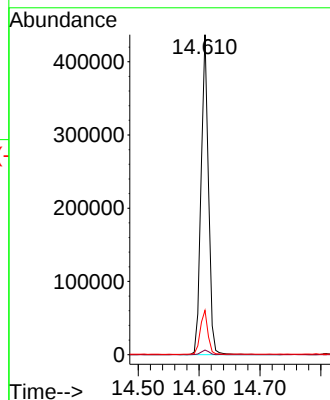
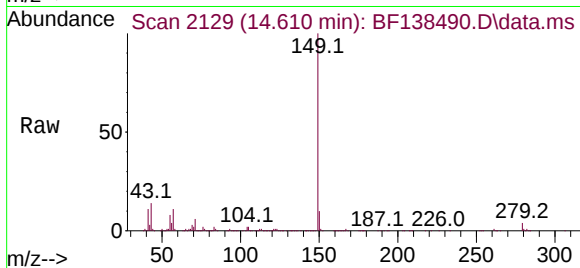
Tgt Ion:149 Resp: 369582

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 14.1 10.7 16.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.486 min Scan# 2278

Delta R.T. 0.000 min

Lab File: BF138490.D

Acq: 09 Jul 2024 17:48

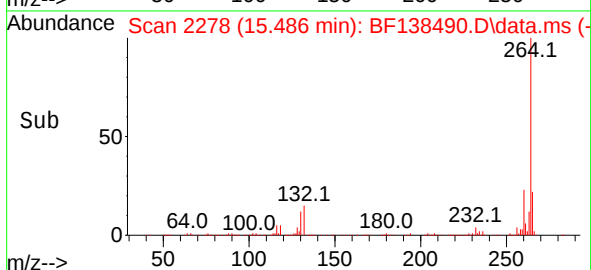
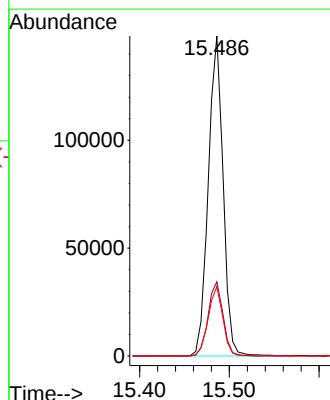
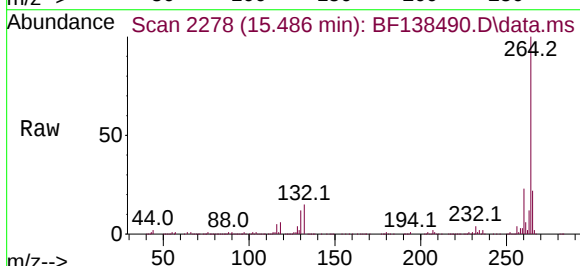
Tgt Ion:264 Resp: 169805

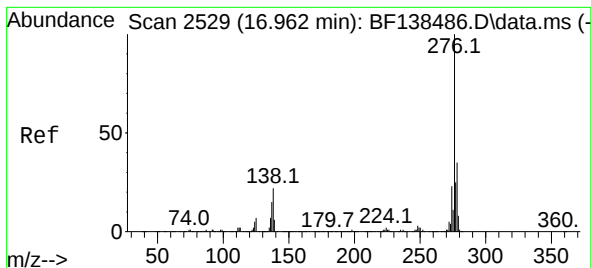
Ion Ratio Lower Upper

264 100

260 23.2 19.0 28.6

265 21.7 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.369 ng

RT: 16.957 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF138490.D

Acq: 09 Jul 2024 17:48

Instrument :

BNA_F

ClientSampleId :

ICVBF070924

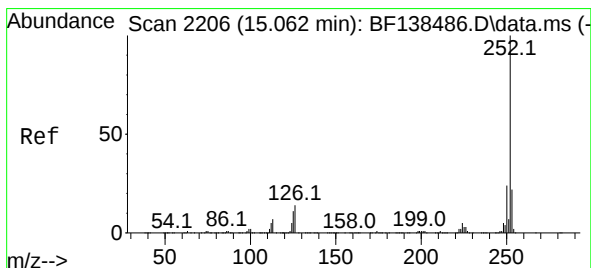
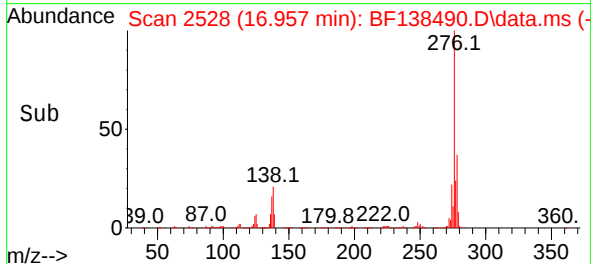
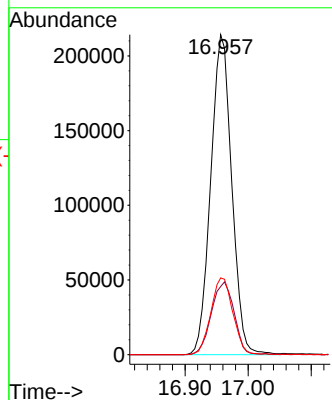
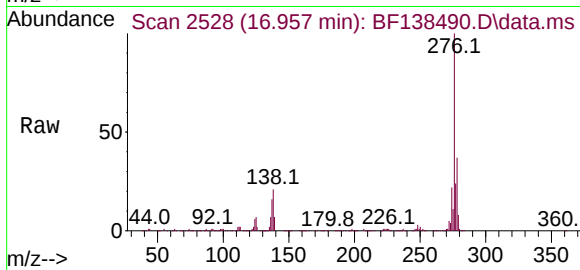
Tgt Ion:276 Resp: 494659

Ion Ratio Lower Upper

276 100

138 24.6 19.6 29.4

277 25.2 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 40.193 ng

RT: 15.057 min Scan# 2205

Delta R.T. -0.006 min

Lab File: BF138490.D

Acq: 09 Jul 2024 17:48

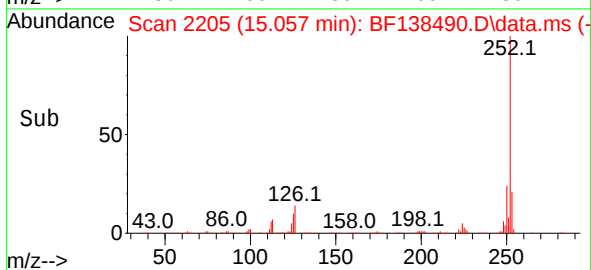
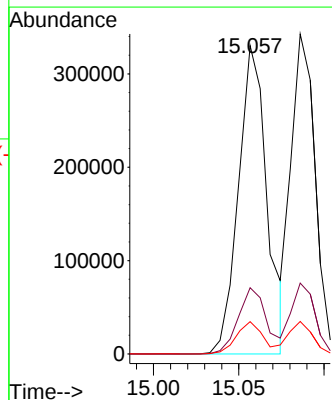
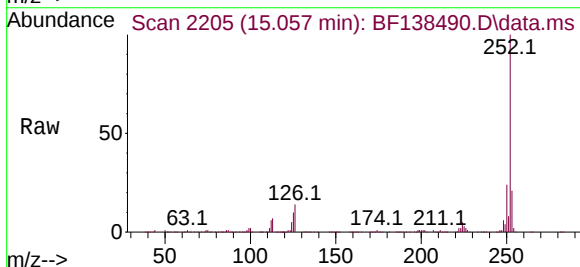
Tgt Ion:252 Resp: 384366

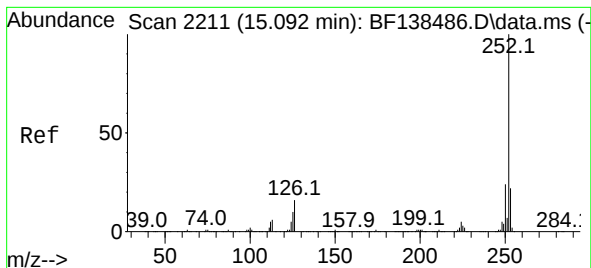
Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

125 10.5 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 36.262 ng

RT: 15.086 min Scan# 2211

Delta R.T. -0.006 min

Lab File: BF138490.D

Acq: 09 Jul 2024 17:48

Instrument :

BNA_F

ClientSampleId :

ICVBF070924

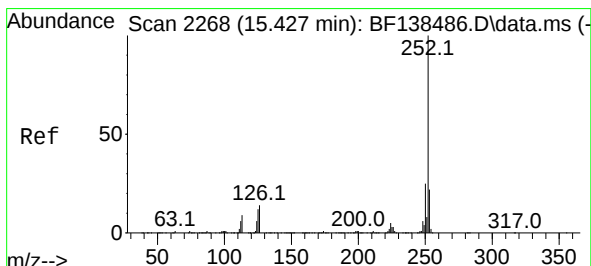
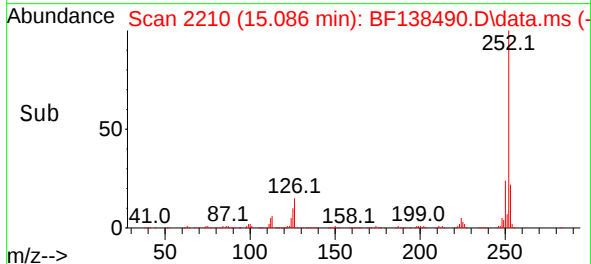
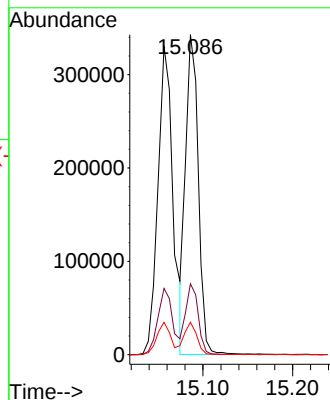
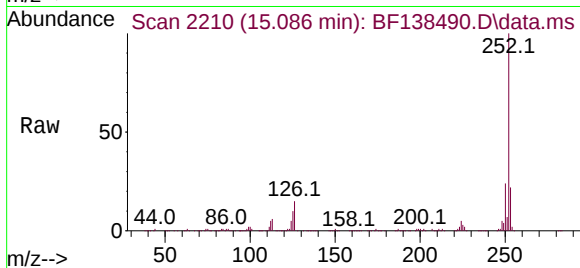
Tgt Ion:252 Resp: 338198

Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 10.1 8.1 12.1



#90

Benzo(a)pyrene

Concen: 39.770 ng

RT: 15.427 min Scan# 2268

Delta R.T. 0.000 min

Lab File: BF138490.D

Acq: 09 Jul 2024 17:48

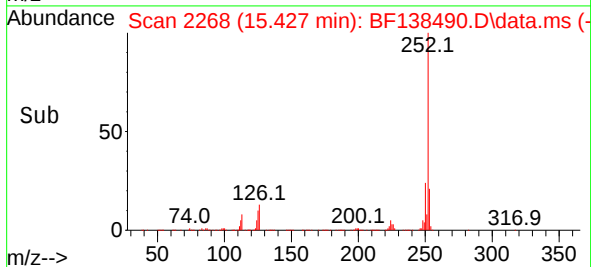
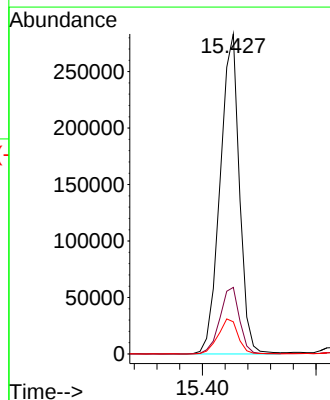
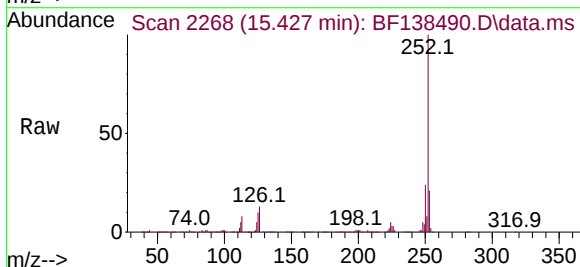
Tgt Ion:252 Resp: 334094

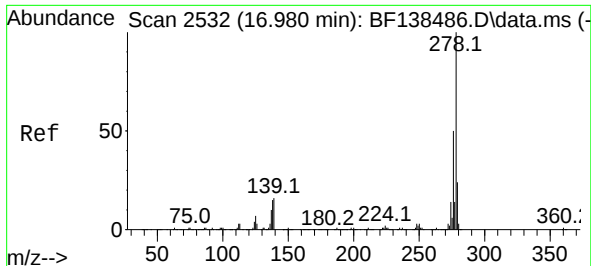
Ion Ratio Lower Upper

252 100

253 20.8 17.4 26.0

125 10.0 9.4 14.2

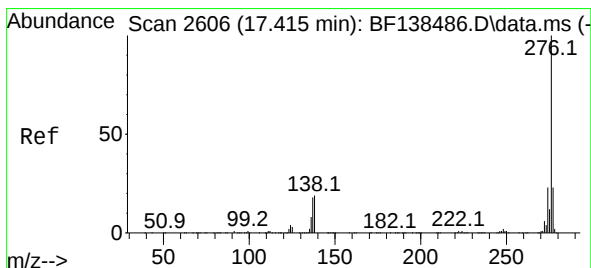
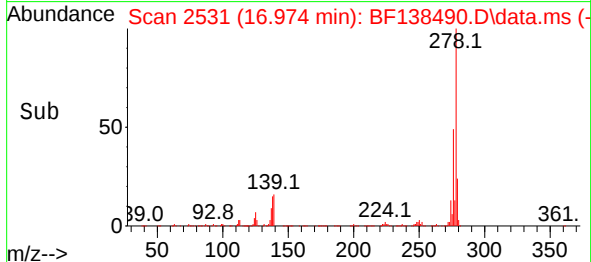
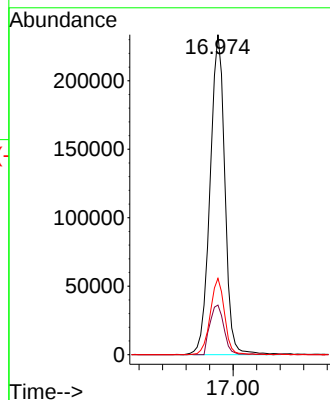
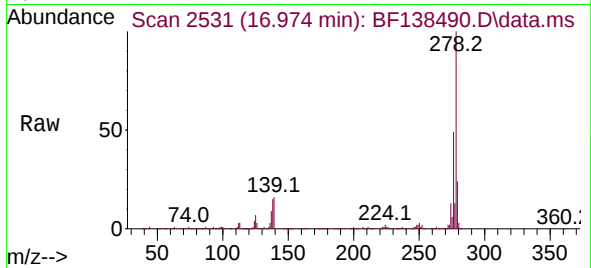




#91
Dibenzo(a,h)anthracene
Concen: 43.647 ng
RT: 16.974 min Scan# 2531
Delta R.T. -0.006 min
Lab File: BF138490.D
Acq: 09 Jul 2024 17:48

Instrument :
BNA_F
ClientSampleId :
ICVBF070924

Tgt Ion:278 Resp: 407227
Ion Ratio Lower Upper
278 100
139 15.5 12.8 19.2
279 23.8 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 43.157 ng
RT: 17.404 min Scan# 2604
Delta R.T. -0.012 min
Lab File: BF138490.D
Acq: 09 Jul 2024 17:48

Tgt Ion:276 Resp: 426978
Ion Ratio Lower Upper
276 100
277 23.6 18.0 27.0
138 20.3 15.5 23.3

