

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062124\
 Data File : BF138280.D
 Acq On : 21 Jun 2024 12:20
 Operator : CG\JU
 Sample : PB161600BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161600BS

Quant Time: Jun 21 12:48:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	376697	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1500091	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	834587	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	1459301	20.000	ng	0.00
76) Chrysene-d12	14.045	240	766053	20.000	ng	0.00
86) Perylene-d12	15.515	264	729682	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	2473928	109.862	ng	0.01
7) Phenol-d6	6.528	99	3132048	109.687	ng	0.00
23) Nitrobenzene-d5	7.457	82	2001531	77.677	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	1008320	121.360	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	3591241	68.424	ng	0.00
79) Terphenyl-d14	12.998	244	3878700	80.193	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.757	88	299656	29.078	ng	97
3) Pyridine	3.510	79	698074	28.502	ng	97
4) n-Nitrosodimethylamine	3.475	42	448841	39.597	ng	94
6) Aniline	6.551	93	636490	22.781	ng	97
8) 2-Chlorophenol	6.675	128	1071547	44.014	ng	100
9) Benzaldehyde	6.434	77	417558	27.533	ng	98
10) Phenol	6.540	94	1206890	41.649	ng	94
11) bis(2-Chloroethyl)ether	6.628	93	1005237	43.344	ng	98
12) 1,3-Dichlorobenzene	6.828	146	1053357	38.071	ng	99
13) 1,4-Dichlorobenzene	6.904	146	1074477	38.590	ng	99
14) 1,2-Dichlorobenzene	7.057	146	1050755	40.200	ng	98
15) Benzyl Alcohol	7.034	79	863449	44.847	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1286179	39.295	ng	96
17) 2-Methylphenol	7.140	107	823013	42.847	ng	99
18) Hexachloroethane	7.398	117	388452	41.180	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	688751	40.692	ng	99
20) 3+4-Methylphenols	7.292	107	944893	39.083	ng	96
22) Acetophenone	7.298	105	1324233	38.643	ng	# 92
24) Nitrobenzene	7.475	77	1041952	39.124	ng	91
25) Isophorone	7.710	82	1962607	42.109	ng	100
26) 2-Nitrophenol	7.787	139	583772	54.512	ng	99
27) 2,4-Dimethylphenol	7.822	122	765473	46.983	ng	100
28) bis(2-Chloroethoxy)met...	7.916	93	1218689	41.770	ng	100
29) 2,4-Dichlorophenol	8.028	162	886995	42.287	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	985950	39.857	ng	99
31) Naphthalene	8.192	128	2862804	38.595	ng	100
32) Benzoic acid	7.963	122	761650	53.042	ng	98
33) 4-Chloroaniline	8.239	127	647598	23.359	ng	98
34) Hexachlorobutadiene	8.304	225	560651	38.752	ng	98
35) Caprolactam	8.622	113	171526	27.086	ng	100
36) 4-Chloro-3-methylphenol	8.722	107	918528	43.981	ng	96
37) 2-Methylnaphthalene	8.881	142	1925493	39.553	ng	99
38) 1-Methylnaphthalene	8.981	142	1790843	37.540	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	971399	39.831	ng	100
41) Hexachlorocyclopentadiene	9.034	237	758431	95.373	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	668978	43.808	ng	99

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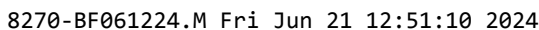
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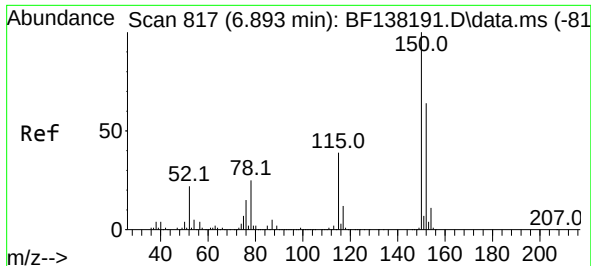
Quant Time: Jun 21 12:48:54 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	724142	43.181	ng	99
46) 1,1'-Biphenyl	9.351	154	2348978	38.356	ng	98
47) 2-Chloronaphthalene	9.375	162	1859264	38.415	ng	99
48) 2-Nitroaniline	9.469	65	553270	47.467	ng	95
49) Acenaphthylene	9.786	152	2831394	41.720	ng	100
50) Dimethylphthalate	9.651	163	2223313	43.479	ng	99
51) 2,6-Dinitrotoluene	9.710	165	523765	47.214	ng	95
52) Acenaphthene	9.963	154	1689124	36.499	ng	100
53) 3-Nitroaniline	9.881	138	418322	35.299	ng	96
54) 2,4-Dinitrophenol	9.986	184	594796	97.408	ng	97
55) Dibenzofuran	10.133	168	2543626	39.317	ng	99
56) 4-Nitrophenol	10.045	139	868827	92.771	ng	94
57) 2,4-Dinitrotoluene	10.116	165	696103	50.875	ng	94
58) Fluorene	10.475	166	1915475	37.657	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	590848	45.082	ng	99
60) Diethylphthalate	10.351	149	2082172	42.903	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	994214	39.246	ng	98
62) 4-Nitroaniline	10.498	138	485335	40.988	ng	97
63) Azobenzene	10.628	77	1971562	40.549	ng	94
65) 4,6-Dinitro-2-methylph...	10.522	198	405529	53.591	ng	91
66) n-Nitrosodiphenylamine	10.586	169	1789483	40.054	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	682563	41.509	ng	96
68) Hexachlorobenzene	11.016	284	783765	40.843	ng	98
69) Atrazine	11.116	200	584645	45.943	ng	99
70) Pentachlorophenol	11.216	266	878332	78.481	ng	97
71) Phenanthrene	11.439	178	2847345	39.455	ng	100
72) Anthracene	11.486	178	2822751	39.395	ng	99
73) Carbazole	11.639	167	2562398	38.991	ng	99
74) Di-n-butylphthalate	11.969	149	3001865	44.122	ng	99
75) Fluoranthene	12.622	202	2837841	38.562	ng	98
77) Benzidine	12.739	184	57945	6.540	ng	98
78) Pyrene	12.851	202	2849447	43.123	ng	100
80) Butylbenzylphthalate	13.469	149	1045012	58.142	ng	98
81) Benzo(a)anthracene	14.033	228	2047878	41.669	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	585226	43.242	ng	99
83) Chrysene	14.074	228	1990226	42.485	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	1277786	61.126	ng	98
85) Di-n-octyl phthalate	14.639	149	2065910	66.524	ng	98
87) Indeno(1,2,3-cd)pyrene	17.004	276	2592417	54.499	ng	99
88) Benzo(b)fluoranthene	15.086	252	2156820	50.123	ng	98
89) Benzo(k)fluoranthene	15.121	252	1880846	44.601	ng	99
90) Benzo(a)pyrene	15.457	252	1885448	51.003	ng	99
91) Dibenzo(a,h)anthracene	17.027	278	2153653	55.159	ng	99
92) Benzo(g,h,i)perylene	17.456	276	2075656	51.388	ng	99

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

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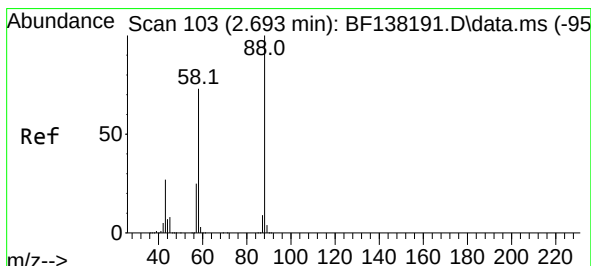
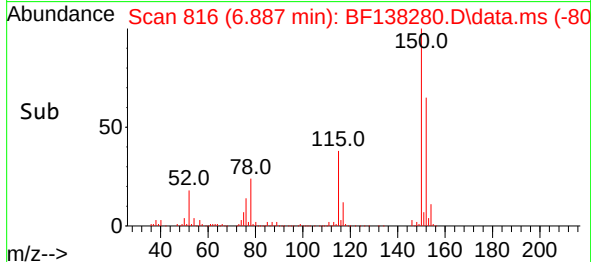
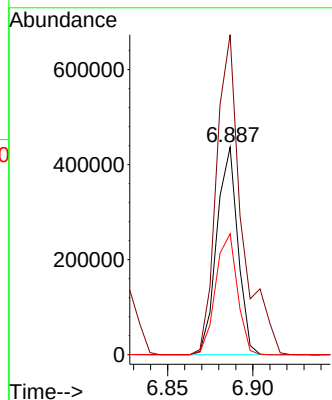
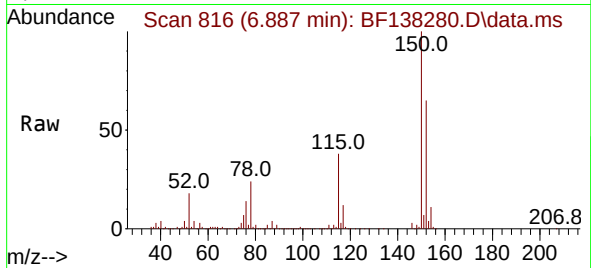




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF138280.D
 Acq: 21 Jun 2024 12:20

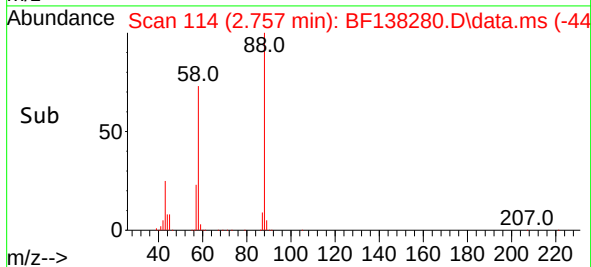
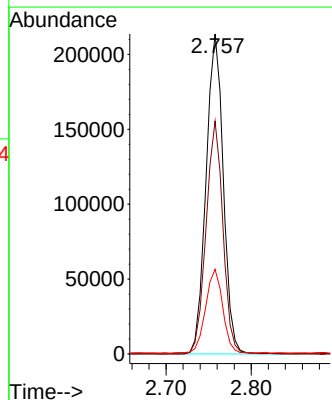
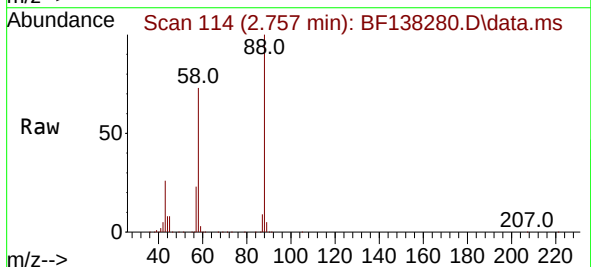
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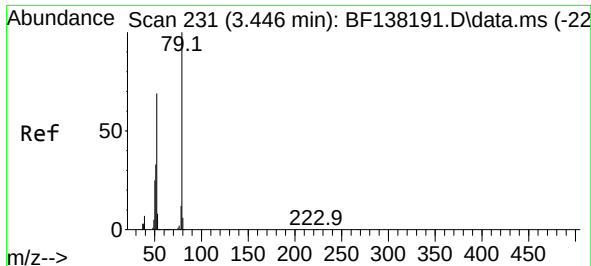
Tgt Ion:152 Resp: 376697
 Ion Ratio Lower Upper
 152 100
 150 154.2 125.0 187.4
 115 58.2 48.4 72.6



#2
 1,4-Dioxane
 Concen: 29.078 ng
 RT: 2.757 min Scan# 114
 Delta R.T. 0.065 min
 Lab File: BF138280.D
 Acq: 21 Jun 2024 12:20

Tgt Ion: 88 Resp: 299656
 Ion Ratio Lower Upper
 88 100
 58 71.4 58.6 87.8
 43 26.1 22.4 33.6





#3

Pyridine

Concen: 28.502 ng

RT: 3.510 min Scan# 24

Delta R.T. 0.065 min

Lab File: BF138280.D

Acq: 21 Jun 2024 12:20

Instrument :

BNA_F

ClientSampleId :

PB161600BS

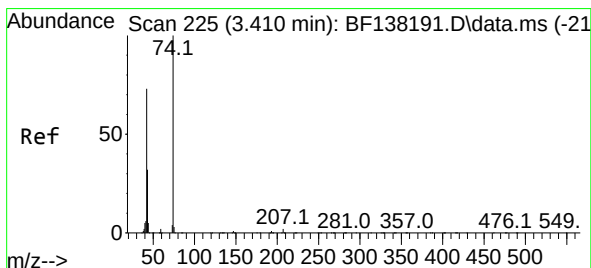
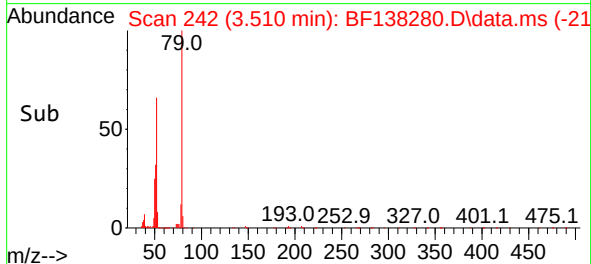
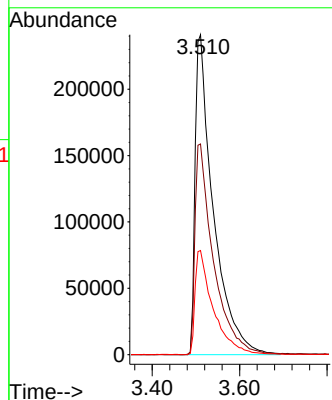
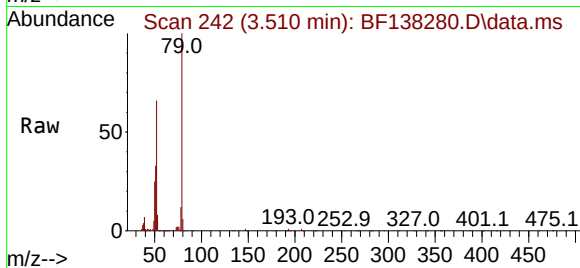
Tgt Ion: 79 Resp: 698074

Ion Ratio Lower Upper

79 100

52 65.9 55.0 82.4

51 32.6 26.9 40.3



#4

n-Nitrosodimethylamine

Concen: 39.597 ng

RT: 3.475 min Scan# 236

Delta R.T. 0.065 min

Lab File: BF138280.D

Acq: 21 Jun 2024 12:20

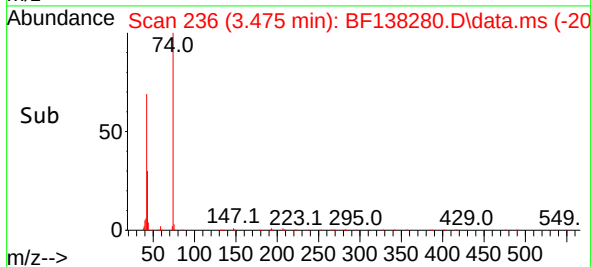
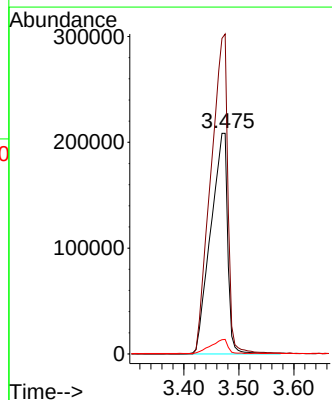
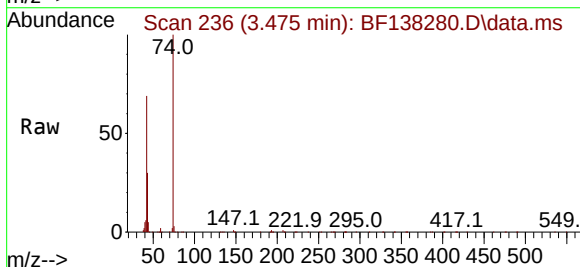
Tgt Ion: 42 Resp: 448841

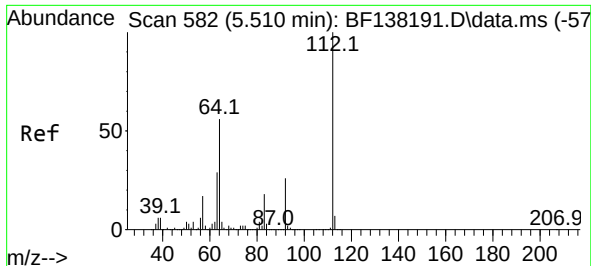
Ion Ratio Lower Upper

42 100

74 145.0 109.9 164.9

44 6.6 5.2 7.8

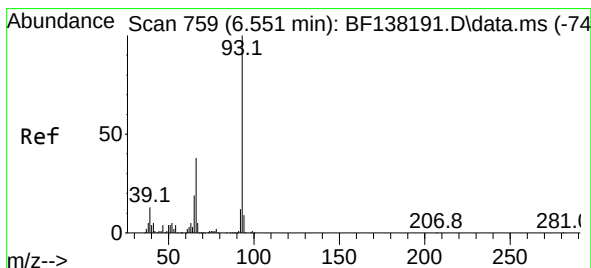
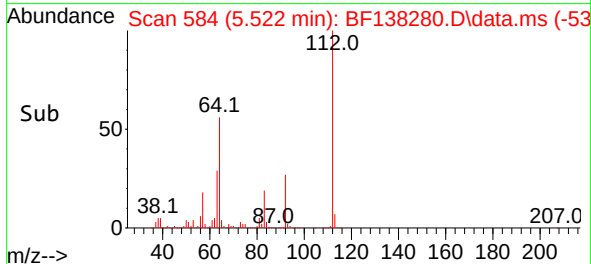
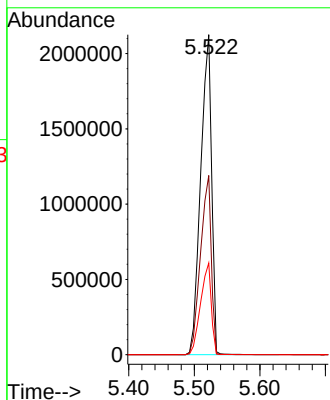
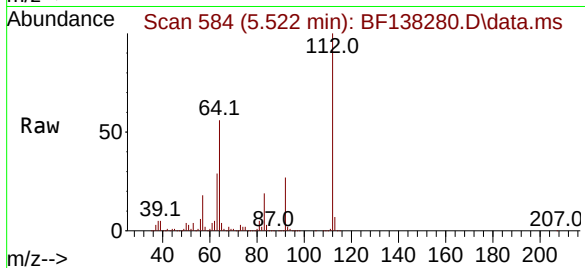




#5
2-Fluorophenol
Concen: 109.862 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.012 min
Lab File: BF138280.D
Acq: 21 Jun 2024 12:20

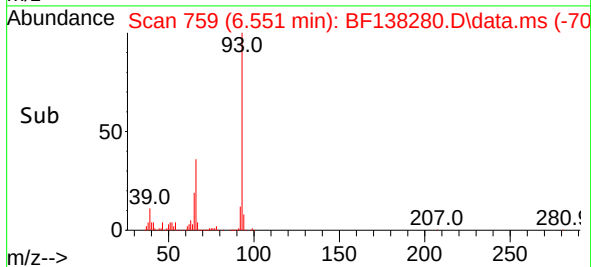
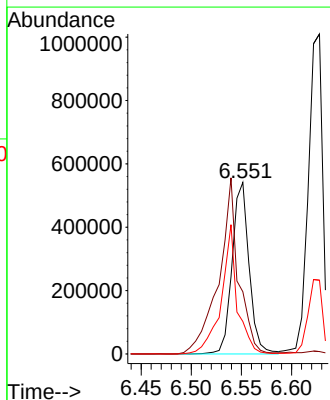
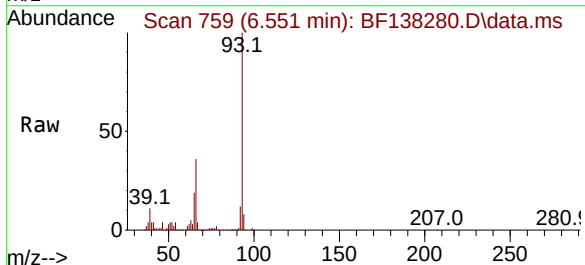
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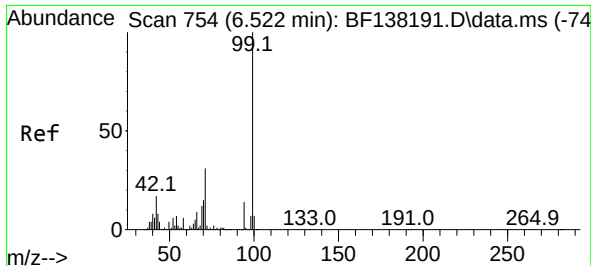
Tgt Ion:112 Resp: 2473928
Ion Ratio Lower Upper
112 100
64 56.0 45.2 67.8
63 28.6 22.9 34.3



#6
Aniline
Concen: 22.781 ng
RT: 6.551 min Scan# 759
Delta R.T. -0.000 min
Lab File: BF138280.D
Acq: 21 Jun 2024 12:20

Tgt Ion: 93 Resp: 636490
Ion Ratio Lower Upper
93 100
66 36.3 30.8 46.2
65 18.9 15.5 23.3





#7

Phenol-d6

Concen: 109.687 ng

RT: 6.528 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF138280.D

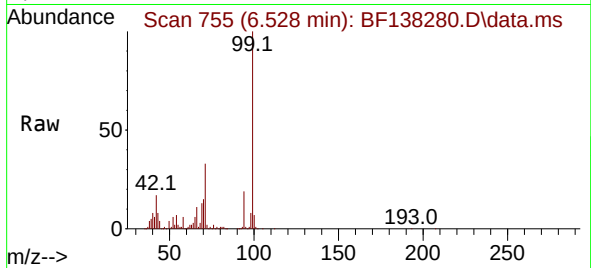
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Instrument :

BNA_F

ClientSampleId :

PB161600BS



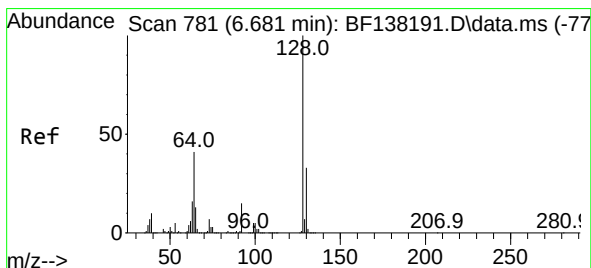
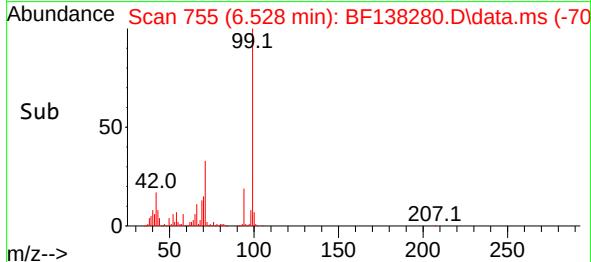
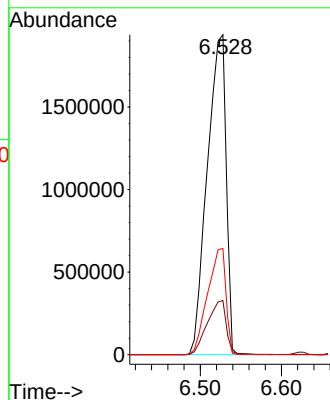
Tgt Ion: 99 Resp: 3132048

Ion Ratio Lower Upper

99 100

42 16.9 13.7 20.5

71 33.2 25.0 37.6



#8

2-Chlorophenol

Concen: 44.014 ng

RT: 6.675 min Scan# 780

Delta R.T. -0.006 min

Lab File: BF138280.D

Acq: 21 Jun 2024 12:20

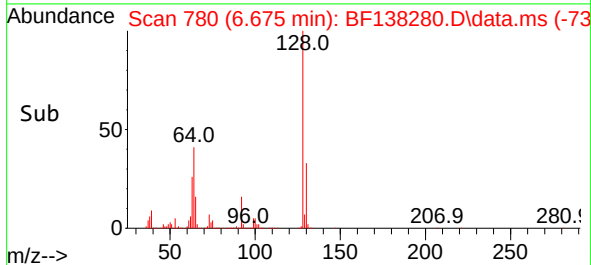
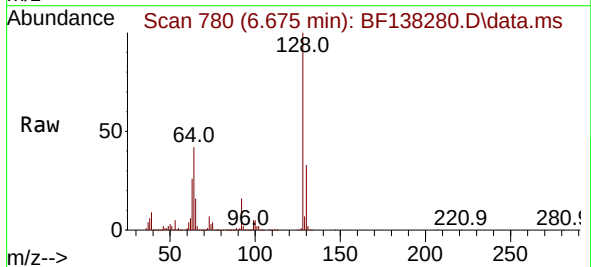
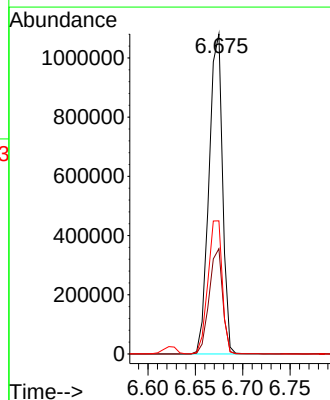
Tgt Ion:128 Resp: 1071547

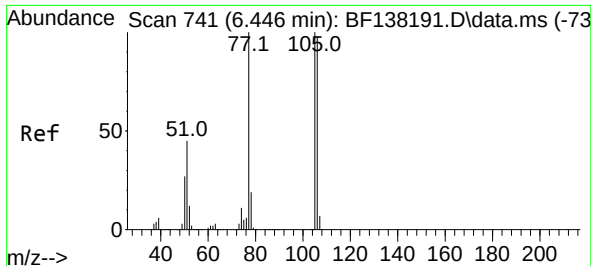
Ion Ratio Lower Upper

128 100

130 32.9 13.1 53.1

64 41.6 21.8 61.8

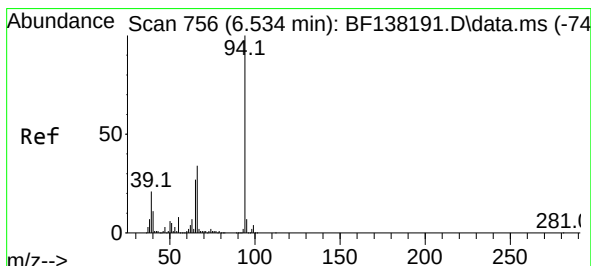
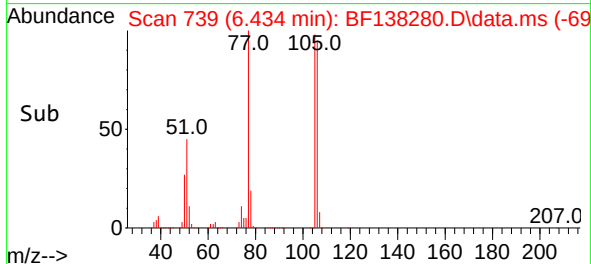
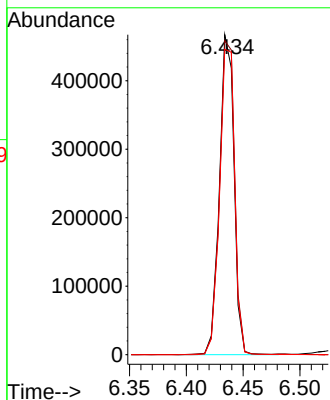
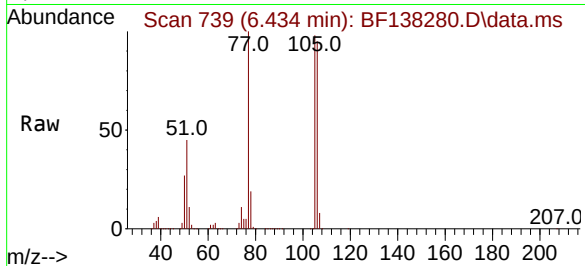




#9
Benzaldehyde
Concen: 27.533 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF138280.D
Acq: 21 Jun 2024 12:20

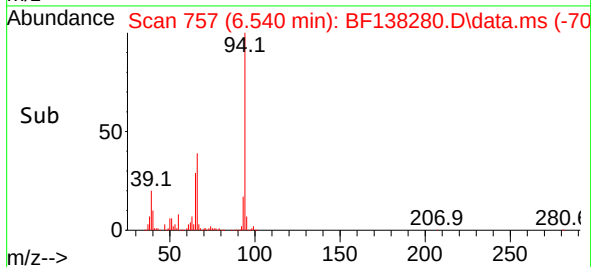
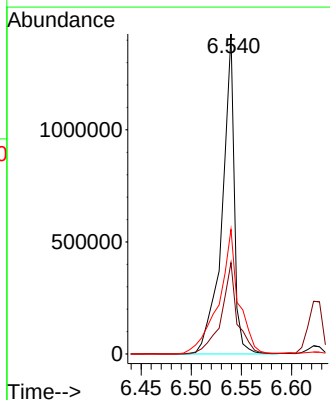
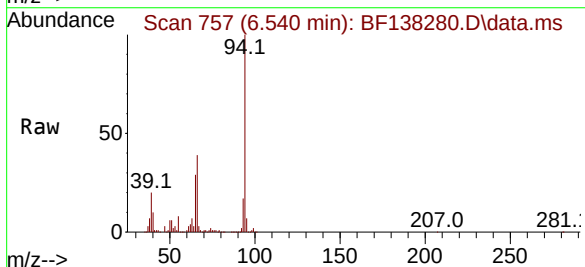
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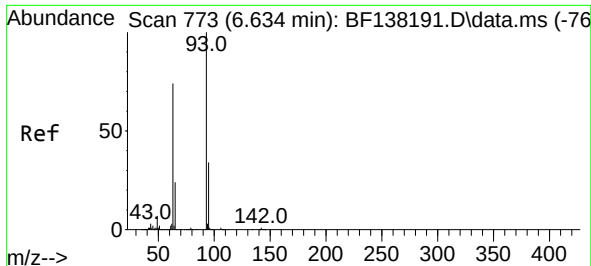
Tgt Ion: 77 Resp: 417558
Ion Ratio Lower Upper
77 100
105 98.2 80.1 120.1
106 95.5 77.8 117.8



#10
Phenol
Concen: 41.649 ng
RT: 6.540 min Scan# 757
Delta R.T. 0.006 min
Lab File: BF138280.D
Acq: 21 Jun 2024 12:20

Tgt Ion: 94 Resp: 1206890
Ion Ratio Lower Upper
94 100
65 28.6 6.8 46.8
66 39.0 14.2 54.2





#11

bis(2-Chloroethyl)ether

Concen: 43.344 ng

RT: 6.628 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF138280.D

Acq: 21 Jun 2024 12:20

Instrument :

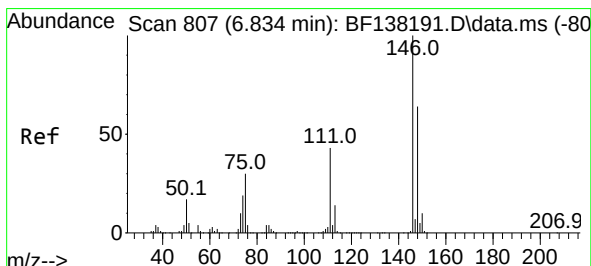
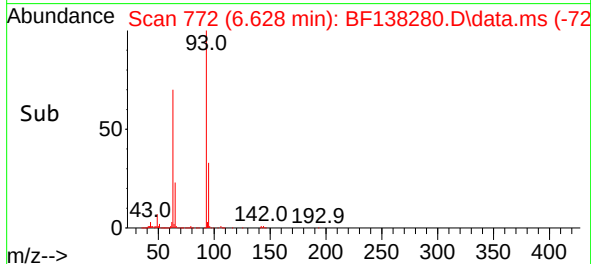
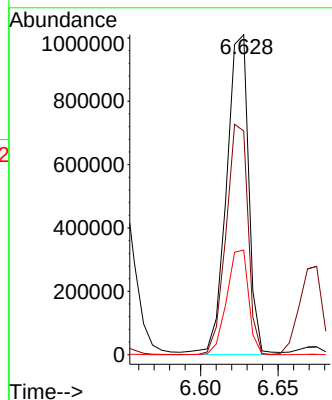
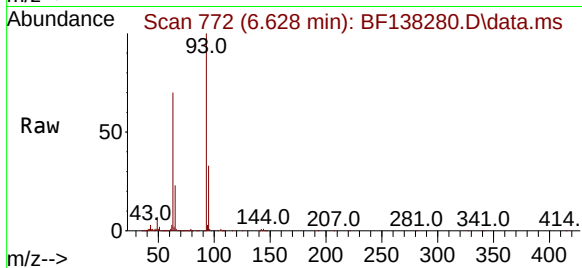
BNA_F

ClientSampleId :

PB161600BS

Tgt Ion: 93 Resp: 1005237

Ion	Ratio	Lower	Upper
93	100		
63	69.9	52.5	92.5
95	32.7	13.2	53.2



#12

1,3-Dichlorobenzene

Concen: 38.071 ng

RT: 6.828 min Scan# 806

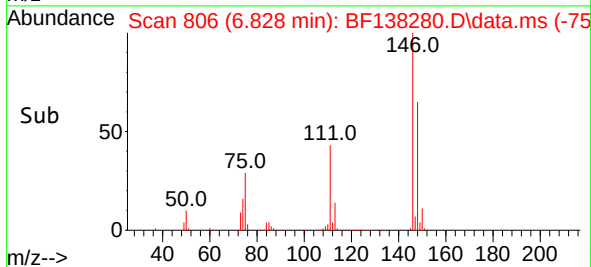
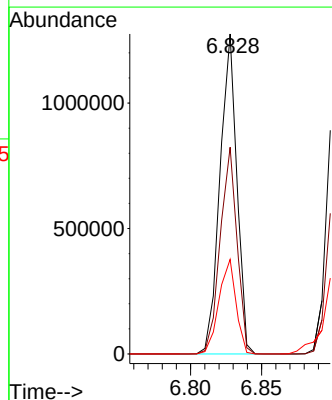
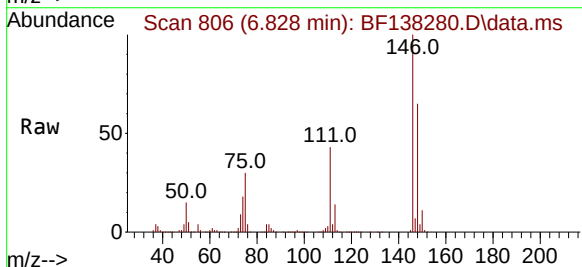
Delta R.T. -0.006 min

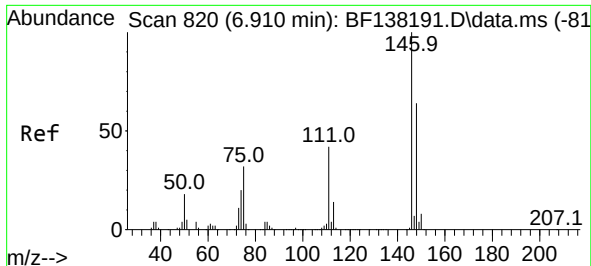
Lab File: BF138280.D

Acq: 21 Jun 2024 12:20

Tgt Ion:146 Resp: 1053357

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.0	76.6
75	29.5	24.3	36.5

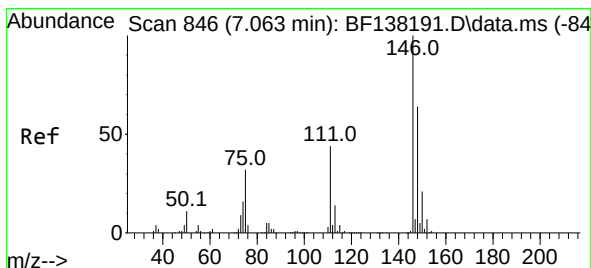
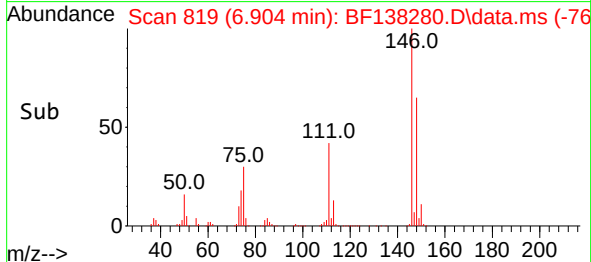
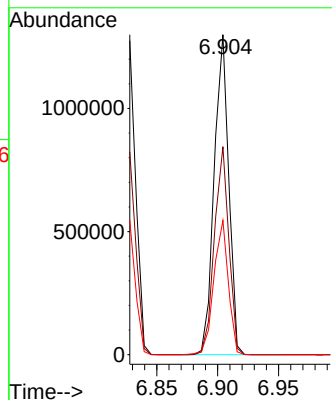
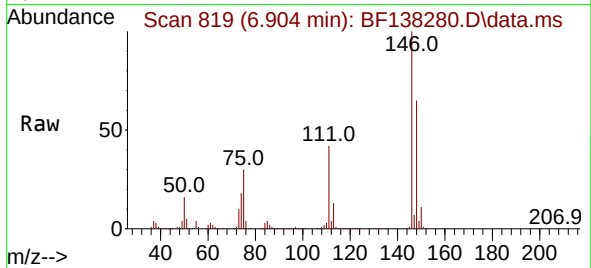




#13
1,4-Dichlorobenzene
Concen: 38.590 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF138280.D
Acq: 21 Jun 2024 12:20

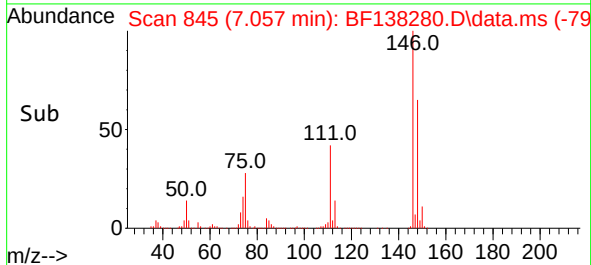
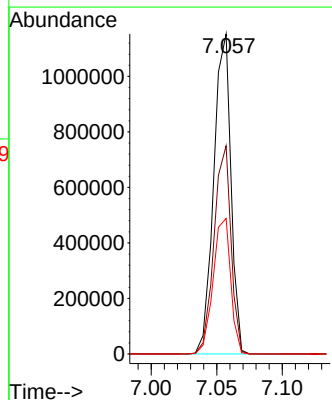
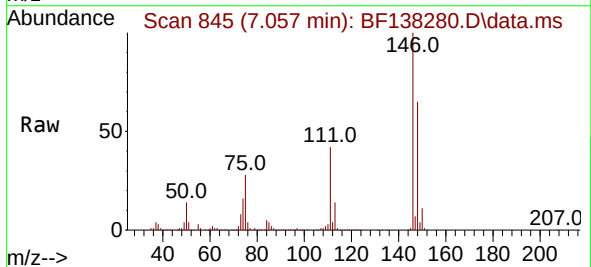
Instrument :
BNA_F
ClientSampleId :
PB161600BS

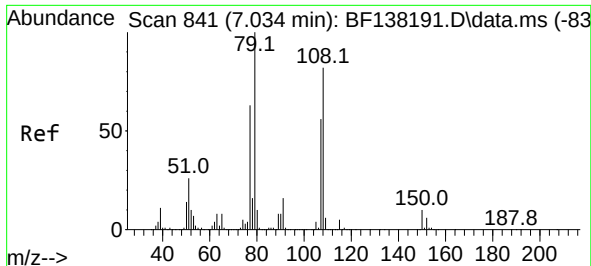
Tgt Ion:146 Resp: 1074477
Ion Ratio Lower Upper
146 100
148 65.0 51.1 76.7
111 41.9 33.7 50.5



#14
1,2-Dichlorobenzene
Concen: 40.200 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF138280.D
Acq: 21 Jun 2024 12:20

Tgt Ion:146 Resp: 1050755
Ion Ratio Lower Upper
146 100
148 65.0 51.2 76.8
111 42.3 35.4 53.2





#15

Benzyl Alcohol

Concen: 44.847 ng

RT: 7.034 min Scan# 841

Delta R.T. -0.000 min

Lab File: BF138280.D

Acq: 21 Jun 2024 12:20

Instrument :

BNA_F

ClientSampleId :

PB161600BS

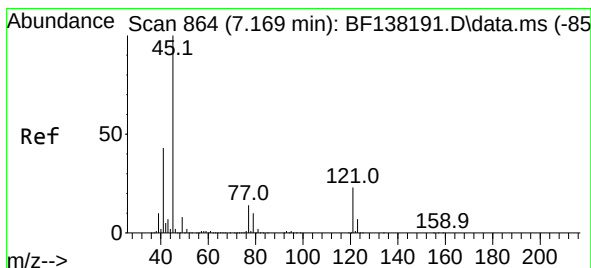
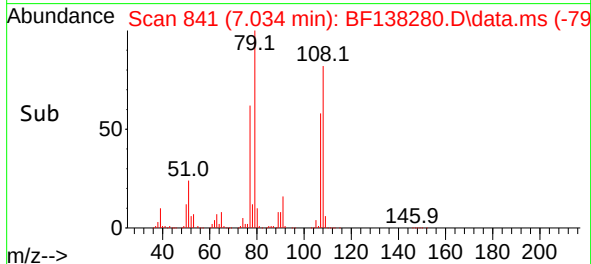
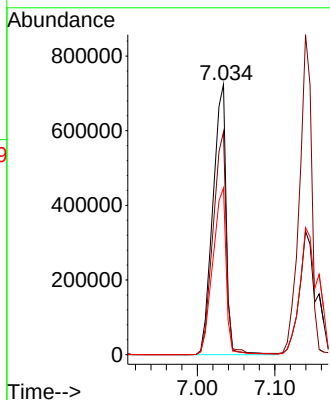
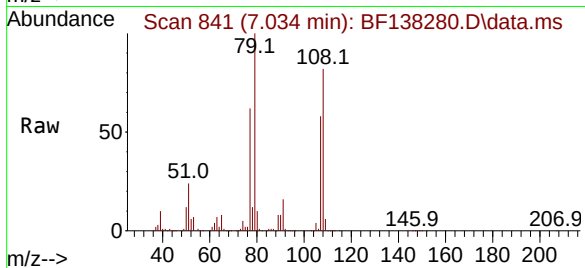
Tgt Ion: 79 Resp: 863449

Ion Ratio Lower Upper

79 100

108 82.5 65.9 98.9

77 61.7 50.3 75.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.295 ng

RT: 7.157 min Scan# 862

Delta R.T. -0.012 min

Lab File: BF138280.D

Acq: 21 Jun 2024 12:20

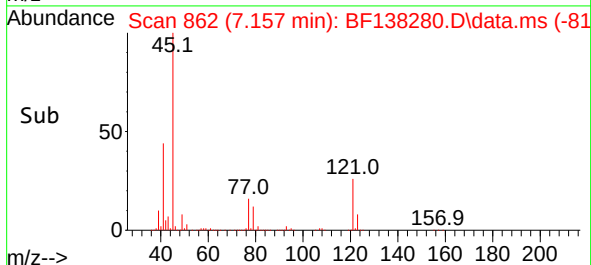
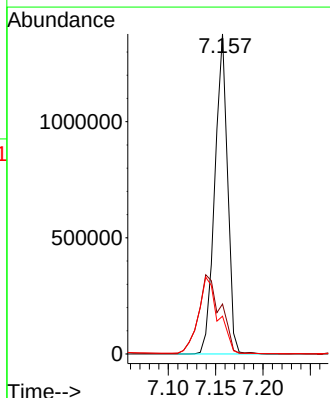
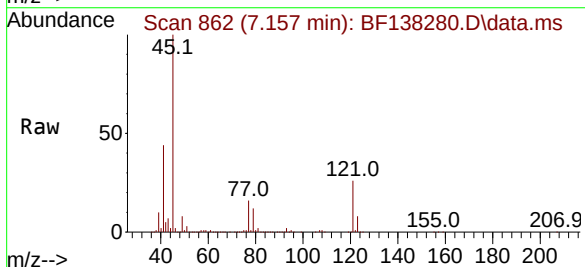
Tgt Ion: 45 Resp: 1286179

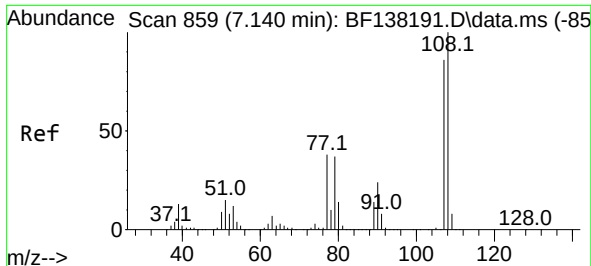
Ion Ratio Lower Upper

45 100

77 15.6 0.0 33.9

79 11.8 0.0 30.7

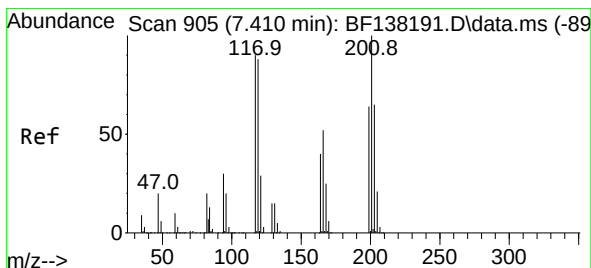
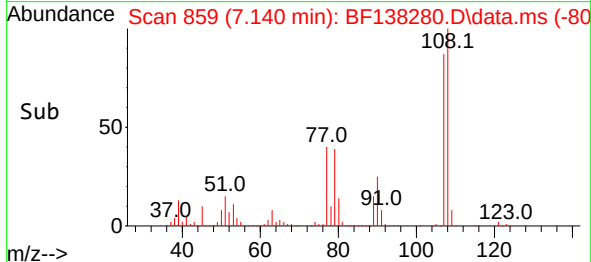
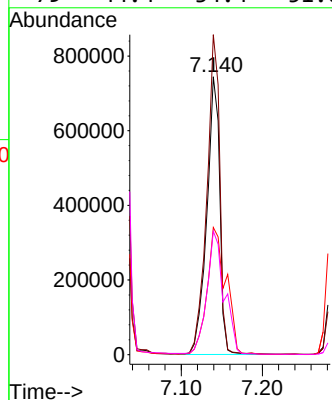
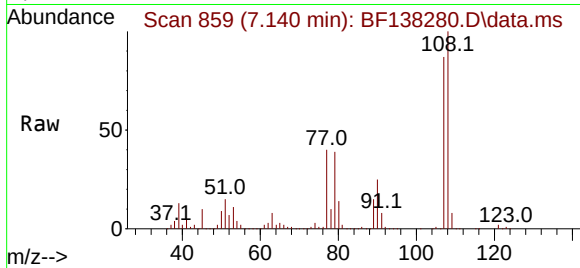




#17
2-Methylphenol
Concen: 42.847 ng
RT: 7.140 min Scan# 859
Delta R.T. -0.000 min
Lab File: BF138280.D
Acq: 21 Jun 2024 12:20

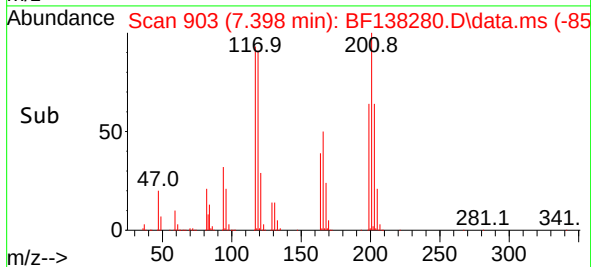
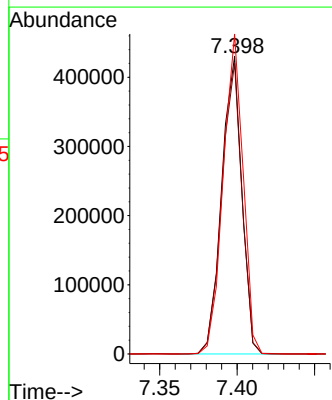
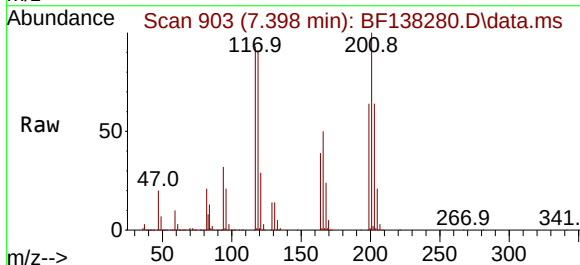
Instrument :
BNA_F
ClientSampleId :
PB161600BS

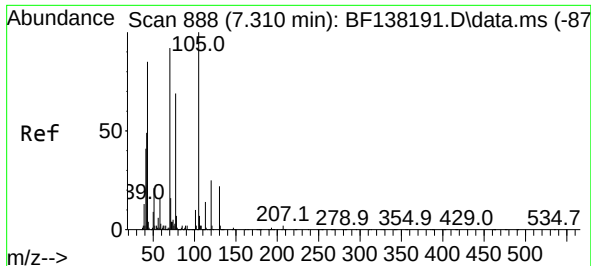
Tgt Ion:107 Resp: 823013
Ion Ratio Lower Upper
107 100
108 115.1 92.7 139.1
77 45.8 35.7 53.5
79 44.4 34.4 51.6



#18
Hexachloroethane
Concen: 41.180 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF138280.D
Acq: 21 Jun 2024 12:20

Tgt Ion:117 Resp: 388452
Ion Ratio Lower Upper
117 100
119 97.8 78.4 117.6
201 107.5 89.0 133.6

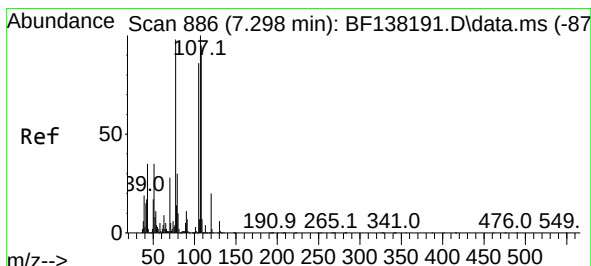
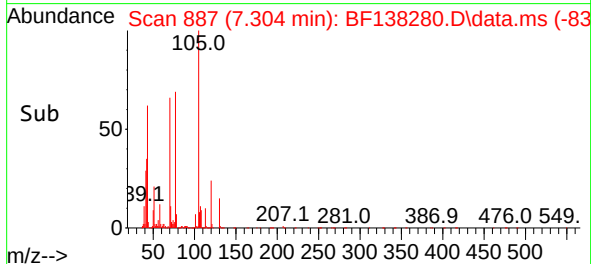
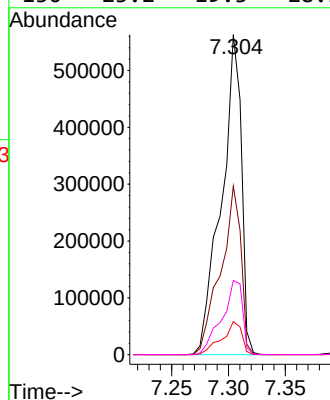
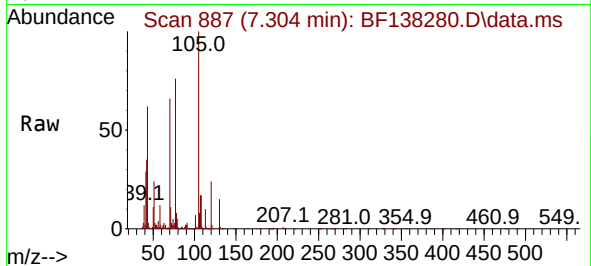




#19
n-Nitroso-di-n-propylamine
Concen: 40.692 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138280.D
Acq: 21 Jun 2024 12:20

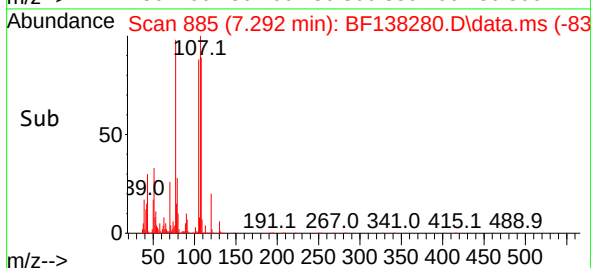
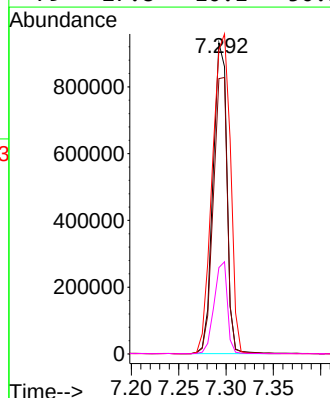
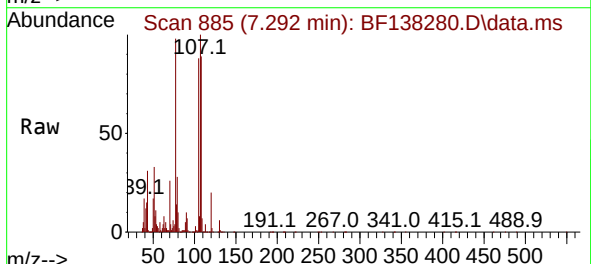
Instrument :
BNA_F
ClientSampleId :
PB161600BS

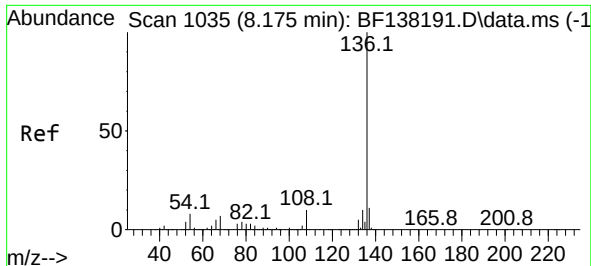
Tgt Ion: 70 Resp: 688751
Ion Ratio Lower Upper
70 100
42 52.7 42.8 64.2
101 10.3 8.4 12.6
130 23.2 19.3 28.9



#20
3+4-Methylphenols
Concen: 39.083 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF138280.D
Acq: 21 Jun 2024 12:20

Tgt Ion:107 Resp: 944893
Ion Ratio Lower Upper
107 100
108 88.5 74.9 114.9
77 97.8 78.2 118.2
79 27.8 10.1 50.1

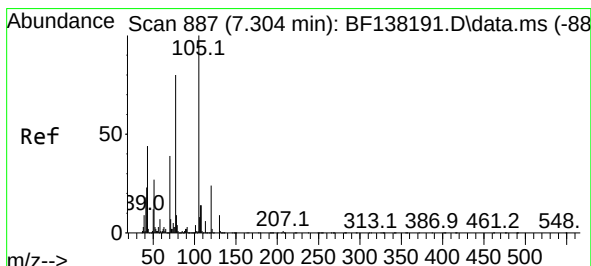
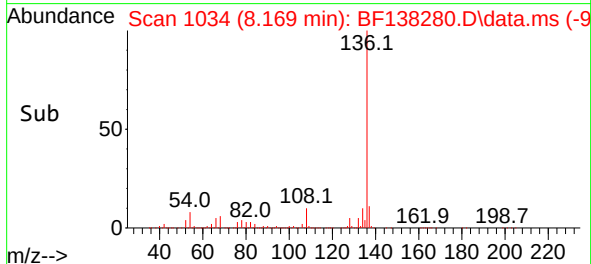
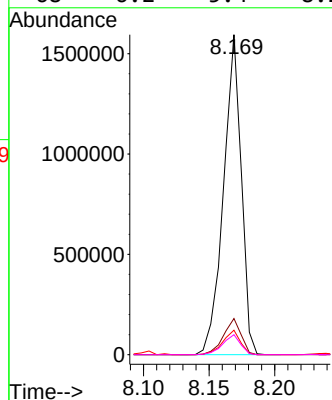
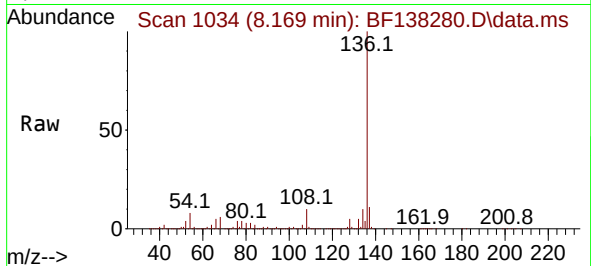




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF138280.D
Acq: 21 Jun 2024 12:20

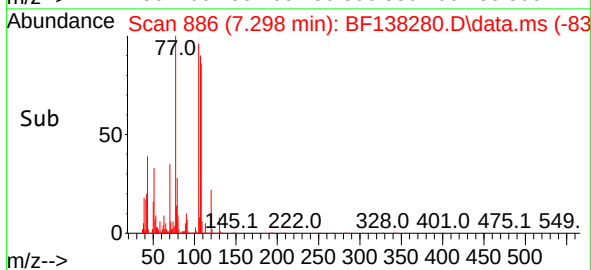
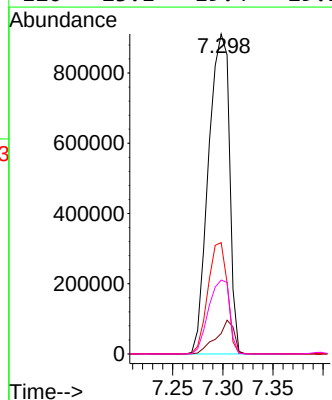
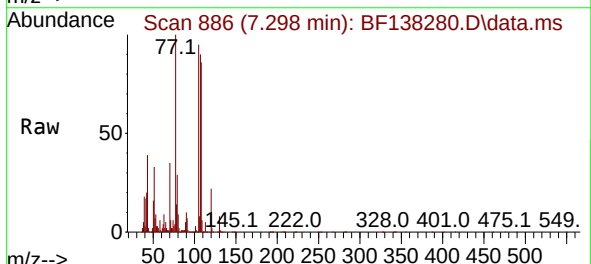
Instrument :
BNA_F
ClientSampleId :
PB161600BS

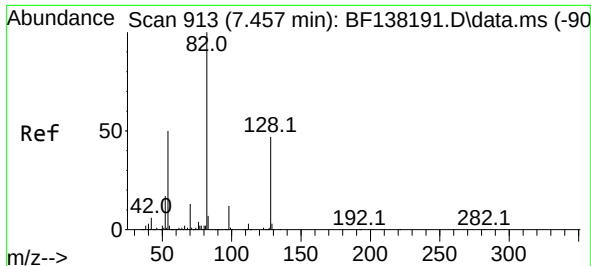
Tgt Ion:136 Resp: 1500091
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 7.6 6.6 10.0
68 6.2 5.4 8.2



#22
Acetophenone
Concen: 38.643 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF138280.D
Acq: 21 Jun 2024 12:20

Tgt Ion:105 Resp: 1324233
Ion Ratio Lower Upper
105 100
71 6.4 5.4 8.2
51 34.8 21.4 32.0#
120 23.1 19.4 29.2





#23

Nitrobenzene-d5

Concen: 77.677 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF138280.D

Acq: 21 Jun 2024 12:20

Instrument :

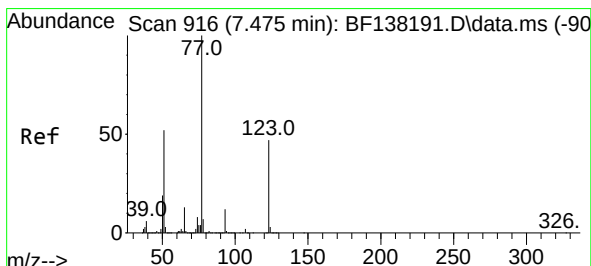
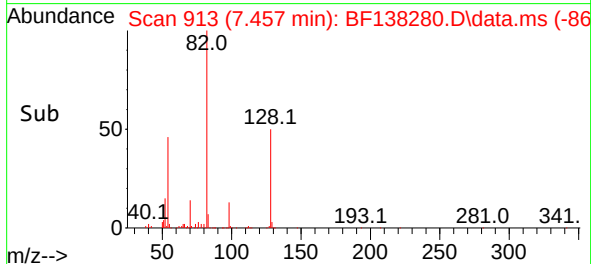
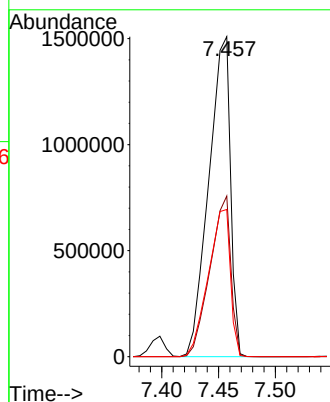
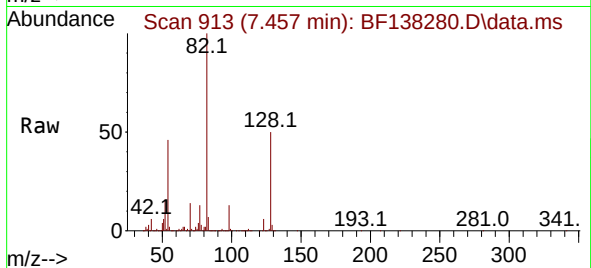
BNA_F

ClientSampleId :

PB161600BS

Tgt Ion: 82 Resp: 2001531

Ion	Ratio	Lower	Upper
82	100		
128	50.2	37.2	55.8
54	46.0	39.8	59.6



#24

Nitrobenzene

Concen: 39.124 ng

RT: 7.475 min Scan# 916

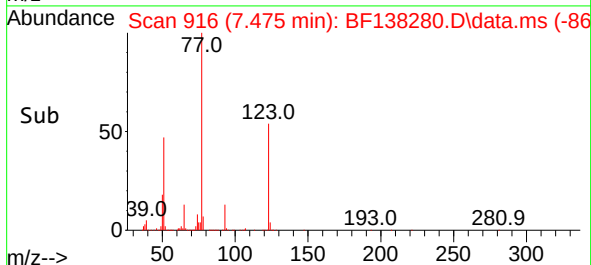
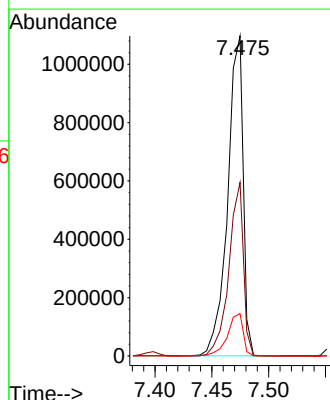
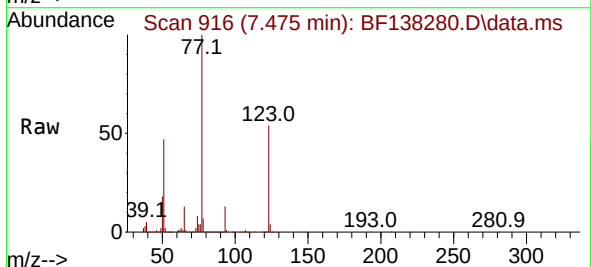
Delta R.T. -0.000 min

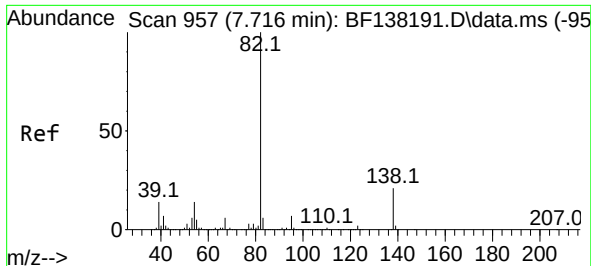
Lab File: BF138280.D

Acq: 21 Jun 2024 12:20

Tgt Ion: 77 Resp: 1041952

Ion	Ratio	Lower	Upper
77	100		
123	54.2	37.3	55.9
65	13.3	10.6	15.8

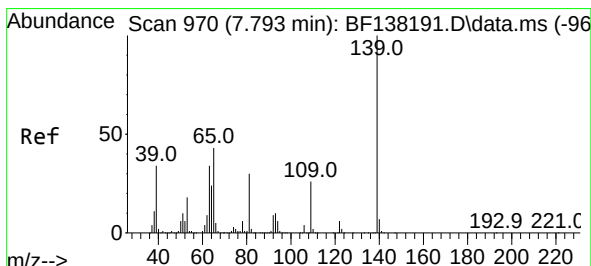
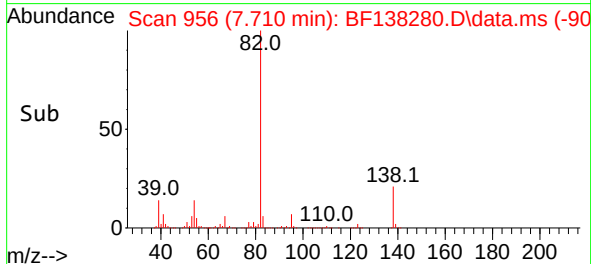
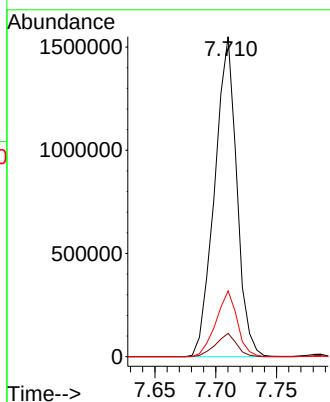
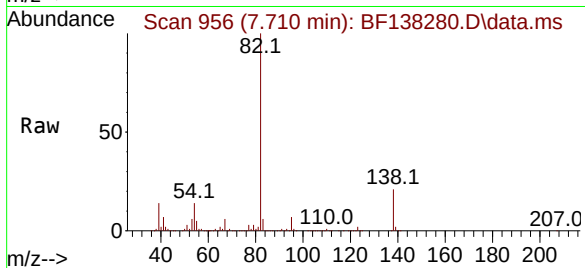




#25
Isophorone
Concen: 42.109 ng
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF138280.D
Acq: 21 Jun 2024 12:20

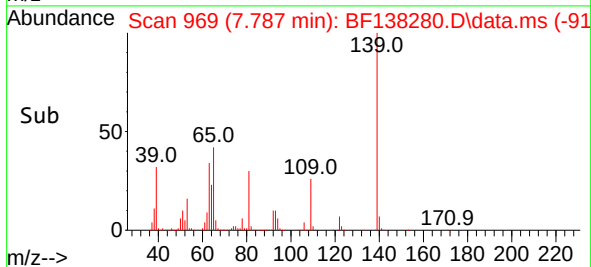
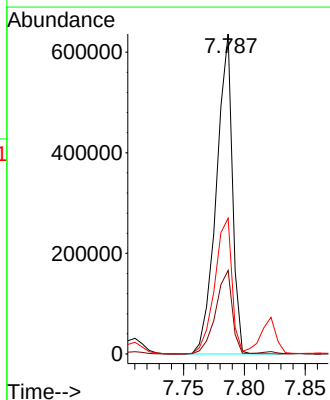
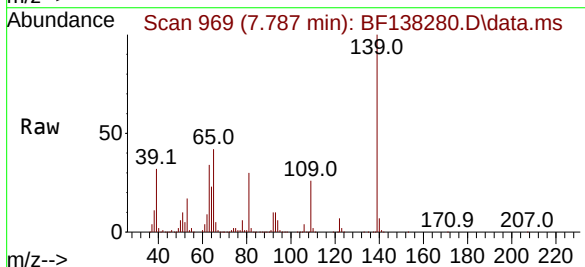
Instrument :
BNA_F
ClientSampleId :
PB161600BS

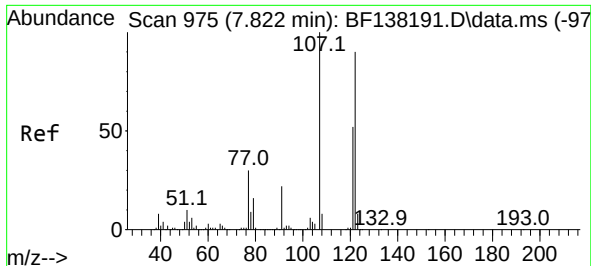
Tgt Ion: 82 Resp: 1962607
Ion Ratio Lower Upper
82 100
95 7.3 5.6 8.4
138 20.5 16.4 24.6



#26
2-Nitrophenol
Concen: 54.512 ng
RT: 7.787 min Scan# 969
Delta R.T. -0.006 min
Lab File: BF138280.D
Acq: 21 Jun 2024 12:20

Tgt Ion: 139 Resp: 583772
Ion Ratio Lower Upper
139 100
109 26.1 20.7 31.1
65 42.4 34.5 51.7

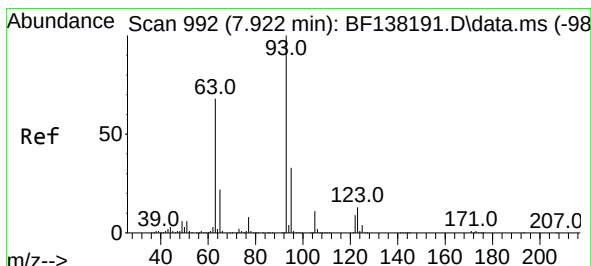
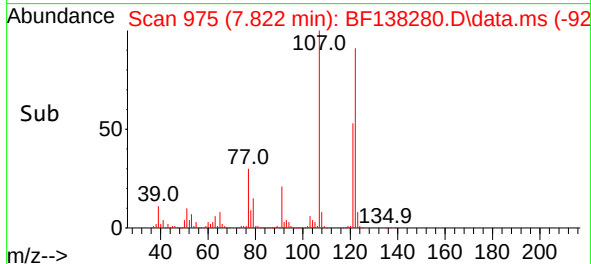
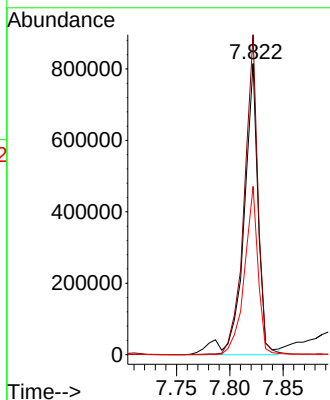
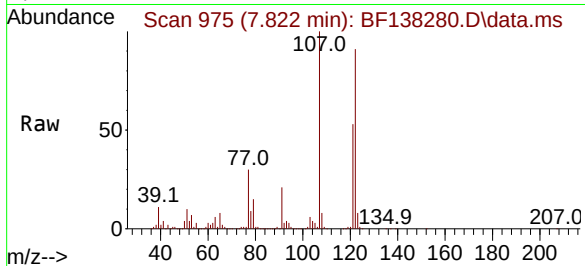




#27
2,4-Dimethylphenol
Concen: 46.983 ng
RT: 7.822 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF138280.D
Acq: 21 Jun 2024 12:20

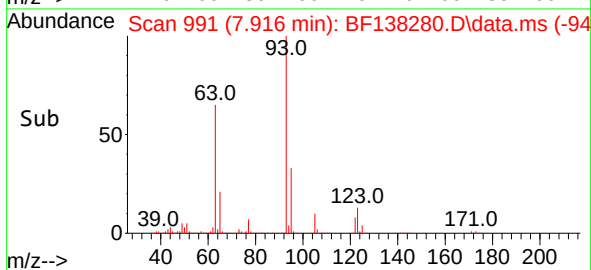
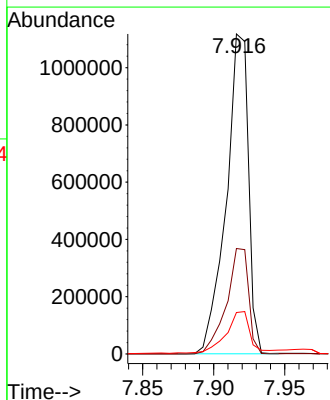
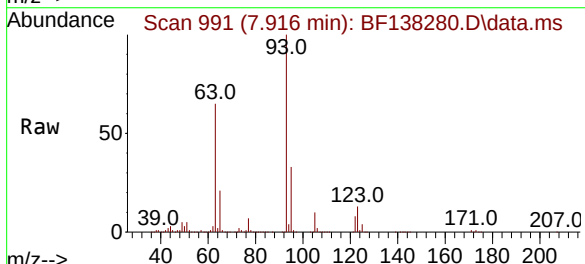
Instrument :
BNA_F
ClientSampleId :
PB161600BS

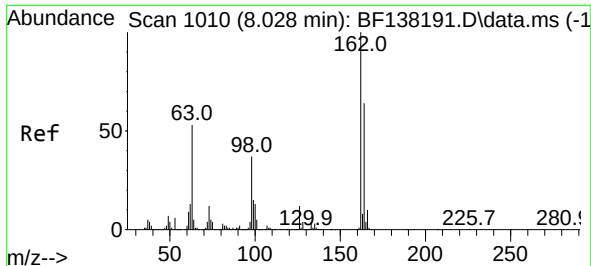
Tgt Ion:122 Resp: 765473
Ion Ratio Lower Upper
122 100
107 109.9 87.7 131.5
121 57.8 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 41.770 ng
RT: 7.916 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF138280.D
Acq: 21 Jun 2024 12:20

Tgt Ion: 93 Resp: 1218689
Ion Ratio Lower Upper
93 100
95 33.0 26.6 39.8
123 13.0 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 42.287 ng

RT: 8.028 min Scan# 1010

Delta R.T. -0.000 min

Lab File: BF138280.D

Acq: 21 Jun 2024 12:20

Instrument :

BNA_F

ClientSampleId :

PB161600BS

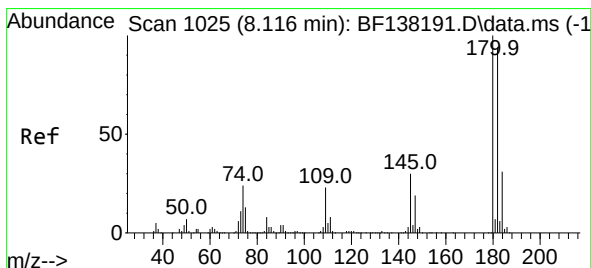
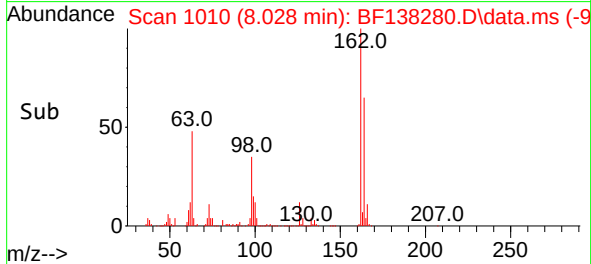
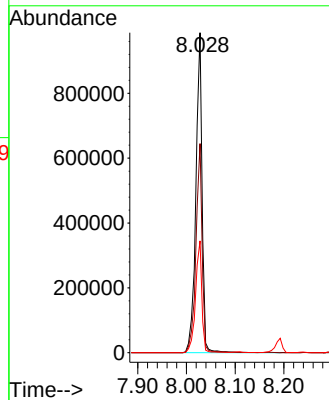
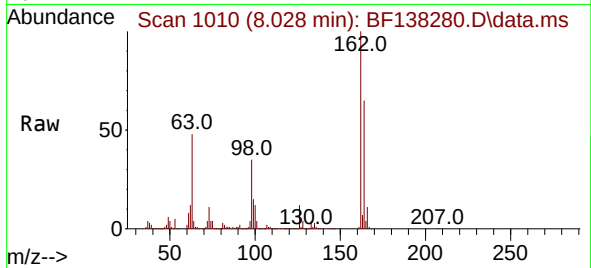
Tgt Ion:162 Resp: 886995

Ion Ratio Lower Upper

162 100

164 65.3 44.3 84.3

98 35.0 16.5 56.5



#30

1,2,4-Trichlorobenzene

Concen: 39.857 ng

RT: 8.110 min Scan# 1024

Delta R.T. -0.006 min

Lab File: BF138280.D

Acq: 21 Jun 2024 12:20

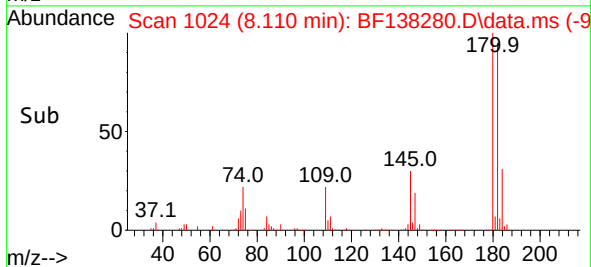
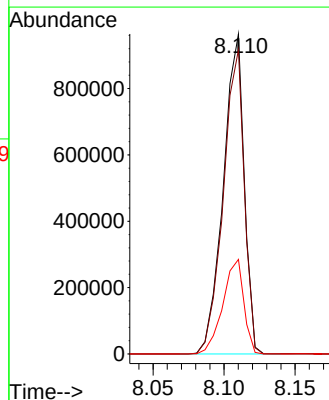
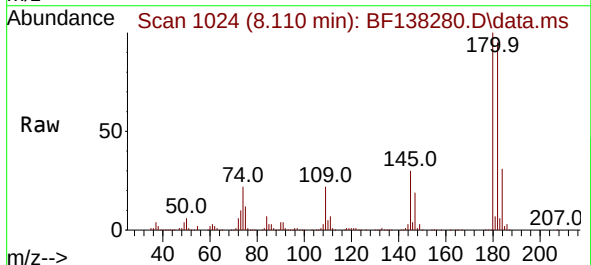
Tgt Ion:180 Resp: 985950

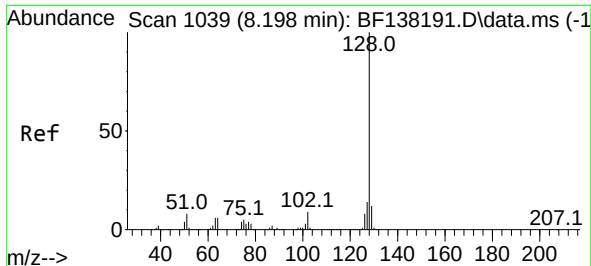
Ion Ratio Lower Upper

180 100

182 95.0 75.0 112.6

145 29.5 23.8 35.6

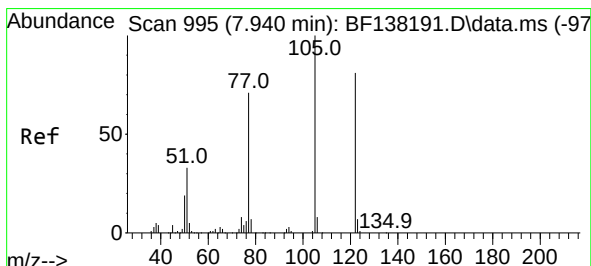
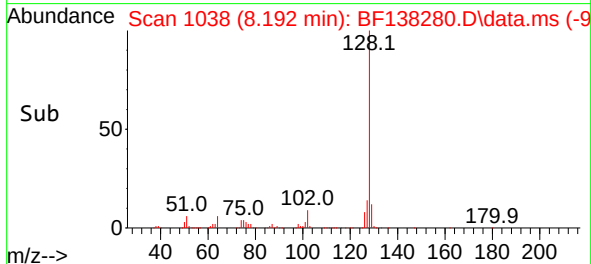
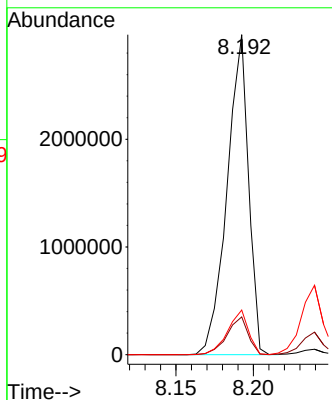
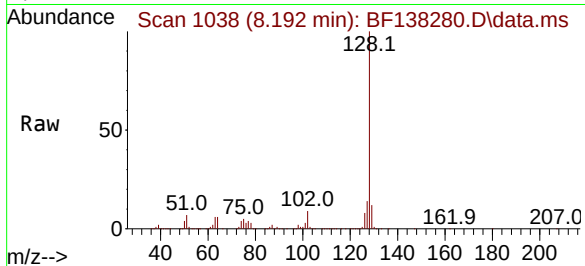




#31
Naphthalene
Concen: 38.595 ng
RT: 8.192 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF138280.D
Acq: 21 Jun 2024 12:20

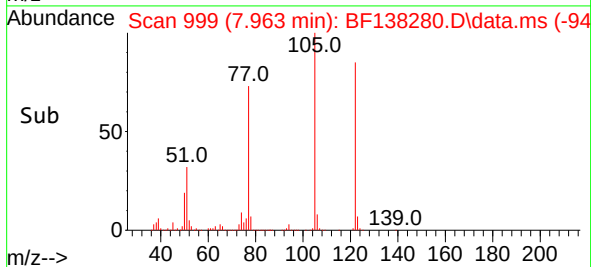
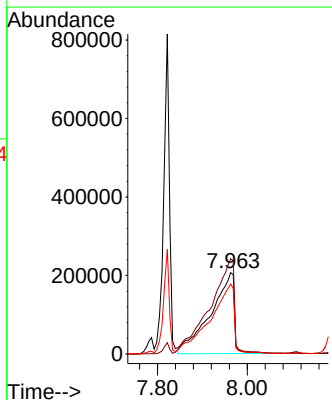
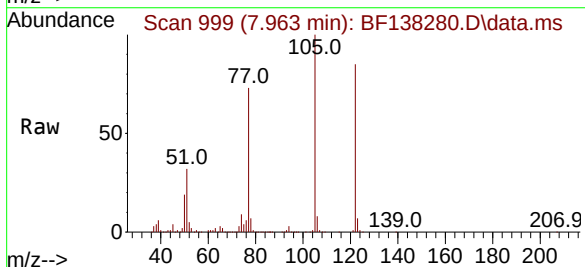
Instrument :
BNA_F
ClientSampleId :
PB161600BS

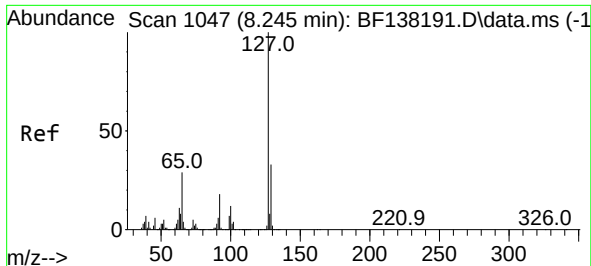
Tgt Ion:128 Resp: 2862804
Ion Ratio Lower Upper
128 100
129 11.8 9.5 14.3
127 13.9 11.0 16.6



#32
Benzoic acid
Concen: 53.042 ng
RT: 7.963 min Scan# 999
Delta R.T. 0.023 min
Lab File: BF138280.D
Acq: 21 Jun 2024 12:20

Tgt Ion:122 Resp: 761650
Ion Ratio Lower Upper
122 100
105 117.2 100.1 140.1
77 86.0 66.5 106.5

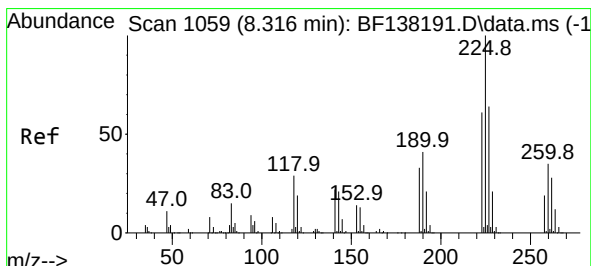
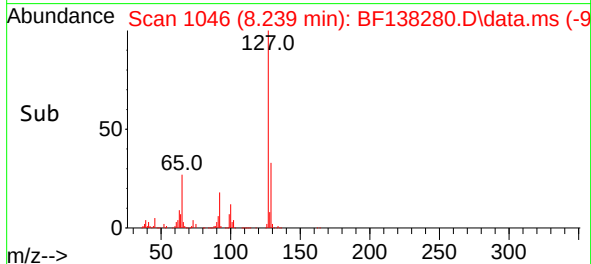
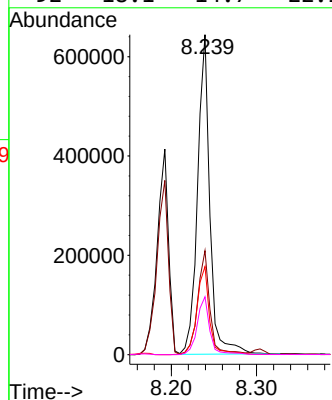
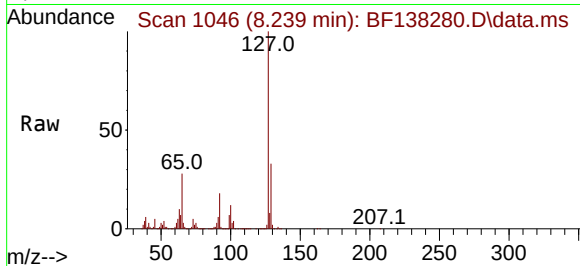




#33
4-Chloroaniline
Concen: 23.359 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF138280.D
Acq: 21 Jun 2024 12:20

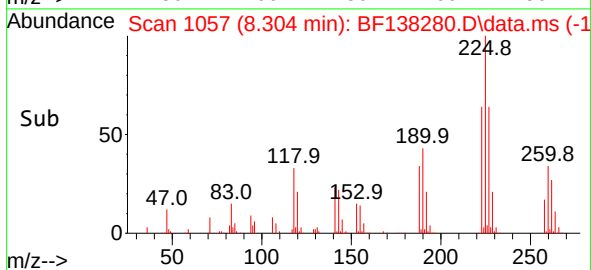
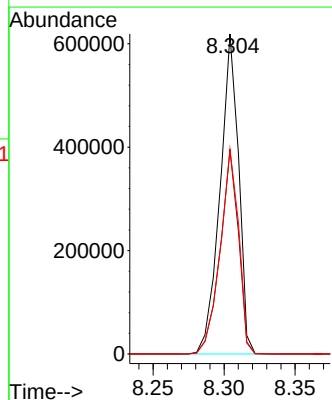
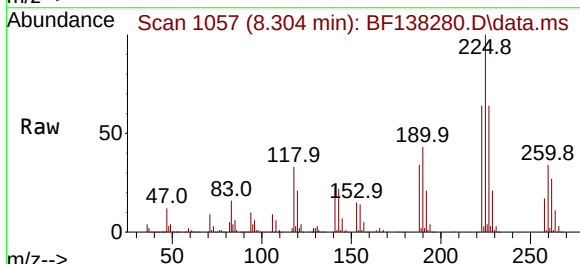
Instrument :
BNA_F
ClientSampleId :
PB161600BS

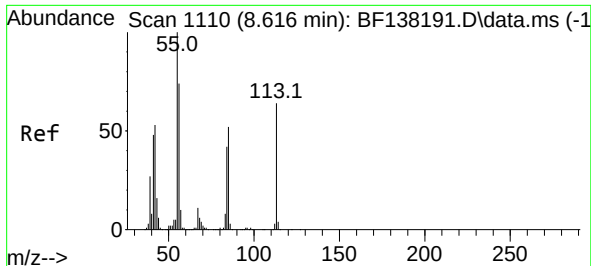
Tgt Ion:127	Resp: 647598
Ion Ratio	Lower Upper
127 100	
129 32.5	26.1 39.1
65 27.5	23.6 35.4
92 18.1	14.7 22.1



#34
Hexachlorobutadiene
Concen: 38.752 ng
RT: 8.304 min Scan# 1057
Delta R.T. -0.012 min
Lab File: BF138280.D
Acq: 21 Jun 2024 12:20

Tgt Ion:225	Resp: 560651
Ion Ratio	Lower Upper
225 100	
223 63.7	49.0 73.6
227 64.0	51.2 76.8

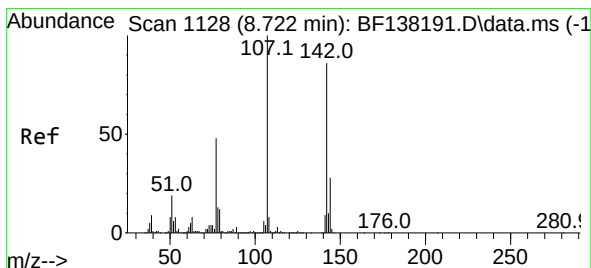
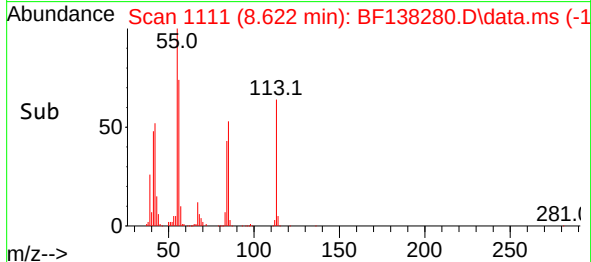
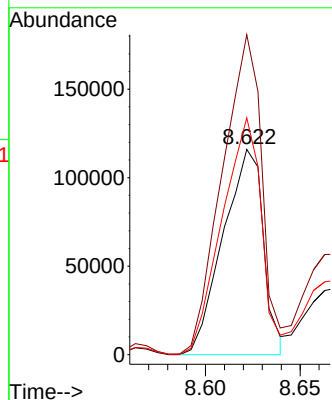
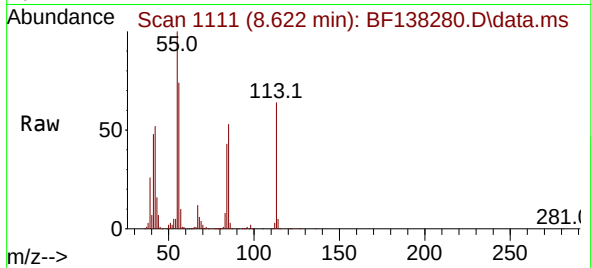




#35
Caprolactam
Concen: 27.086 ng
RT: 8.622 min Scan# 1111
Delta R.T. 0.006 min
Lab File: BF138280.D
Acq: 21 Jun 2024 12:20

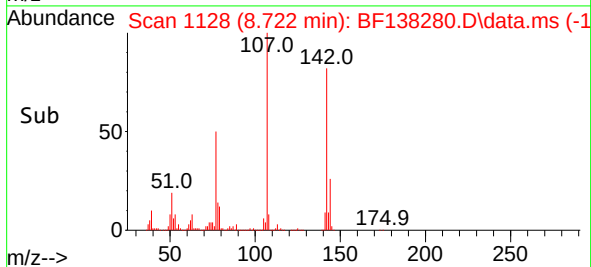
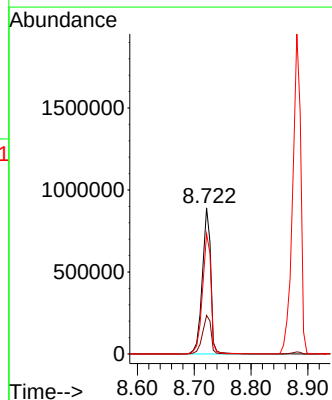
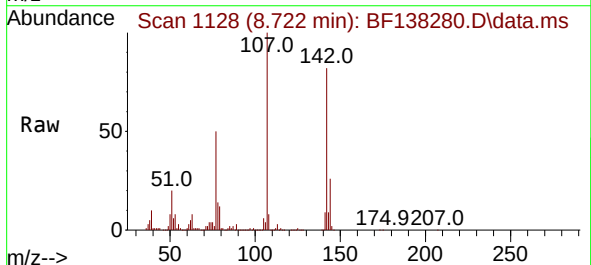
Instrument :
BNA_F
ClientSampleId :
PB161600BS

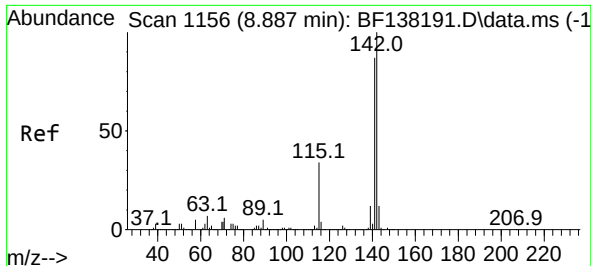
Tgt Ion:113 Resp: 171526
Ion Ratio Lower Upper
113 100
55 155.8 135.4 175.4
56 115.3 95.5 135.5



#36
4-Chloro-3-methylphenol
Concen: 43.981 ng
RT: 8.722 min Scan# 1128
Delta R.T. -0.000 min
Lab File: BF138280.D
Acq: 21 Jun 2024 12:20

Tgt Ion:107 Resp: 918528
Ion Ratio Lower Upper
107 100
144 26.4 22.6 34.0
142 82.2 69.0 103.4





#37

2-Methylnaphthalene

Concen: 39.553 ng

RT: 8.881 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF138280.D

Acq: 21 Jun 2024 12:20

Instrument :

BNA_F

ClientSampleId :

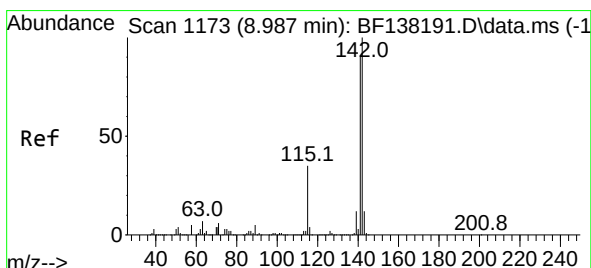
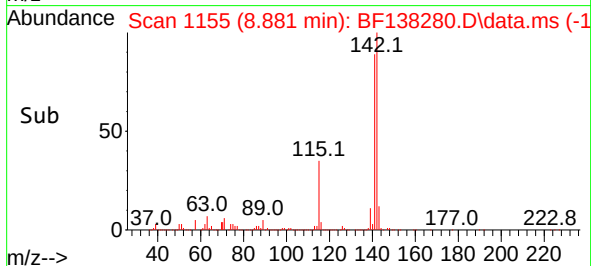
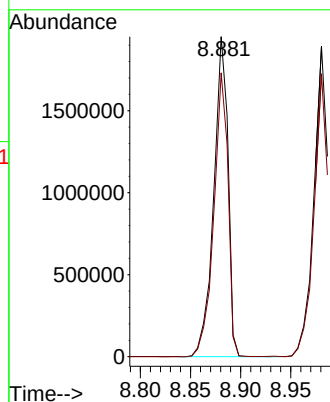
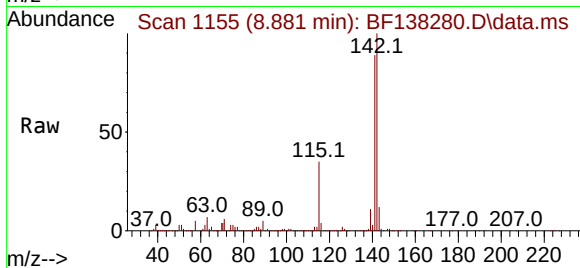
PB161600BS

Tgt Ion:142 Resp: 1925493

Ion Ratio Lower Upper

142 100

141 88.7 69.9 104.9



#38

1-Methylnaphthalene

Concen: 37.540 ng

RT: 8.981 min Scan# 1172

Delta R.T. -0.006 min

Lab File: BF138280.D

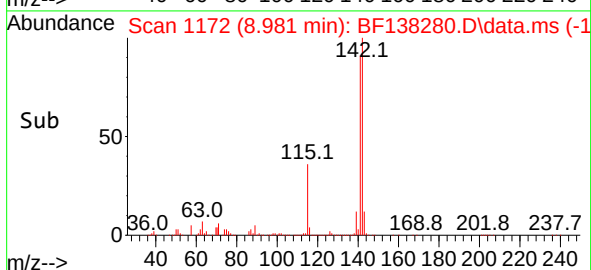
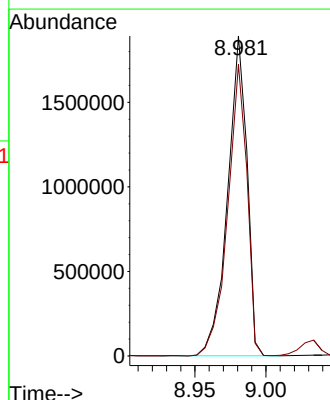
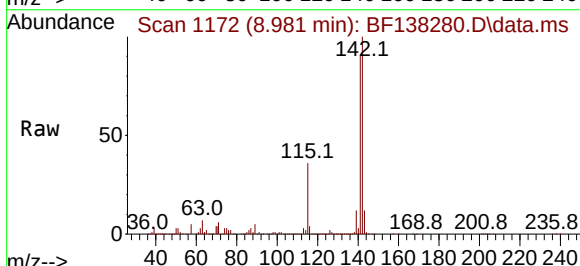
Acq: 21 Jun 2024 12:20

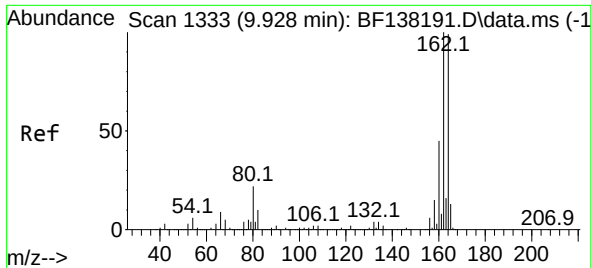
Tgt Ion:142 Resp: 1790843

Ion Ratio Lower Upper

142 100

141 91.1 72.8 109.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1183

Delta R.T. -0.000 min

Lab File: BF138280.D

Acq: 21 Jun 2024 12:20

Instrument :

BNA_F

ClientSampleId :

PB161600BS

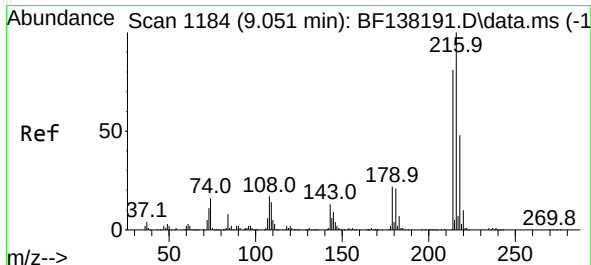
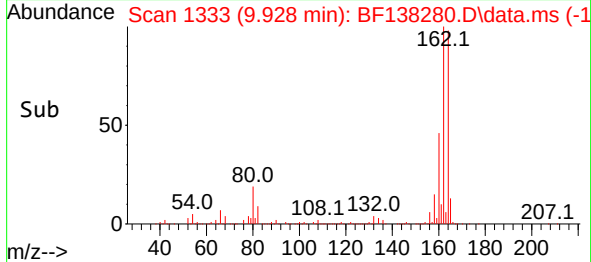
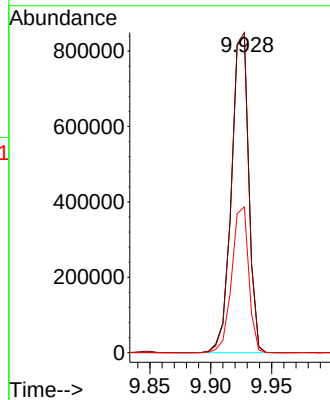
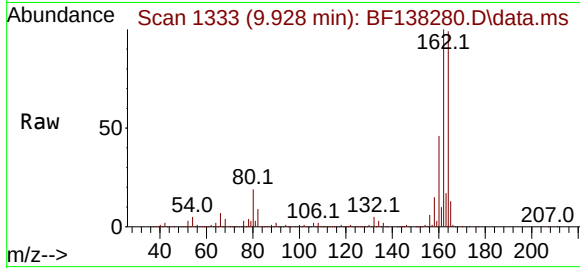
Tgt Ion:164 Resp: 834587

Ion Ratio Lower Upper

164 100

162 101.1 80.6 121.0

160 46.1 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.831 ng

RT: 9.045 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF138280.D

Acq: 21 Jun 2024 12:20

Tgt Ion:216 Resp: 971399

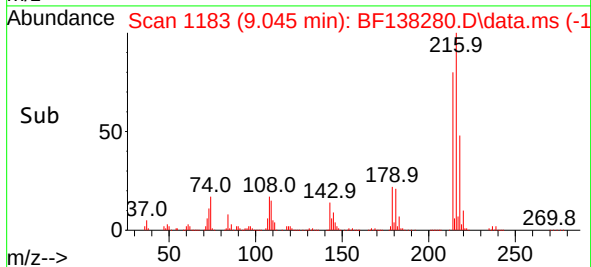
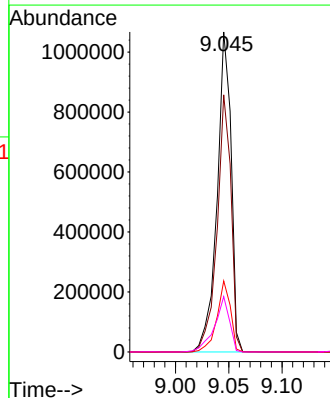
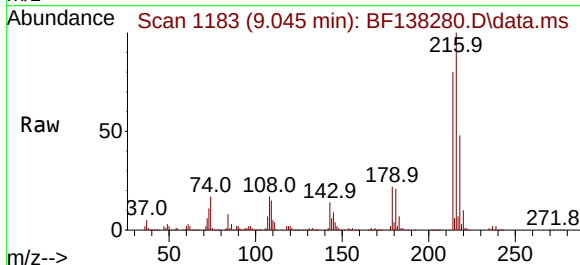
Ion Ratio Lower Upper

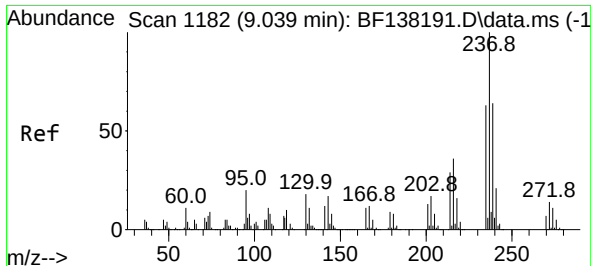
216 100

214 79.6 63.7 95.5

179 21.4 16.9 25.3

108 18.5 14.2 21.2

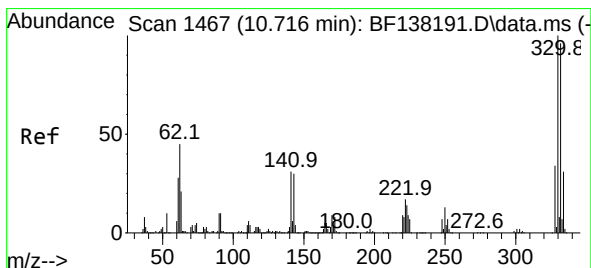
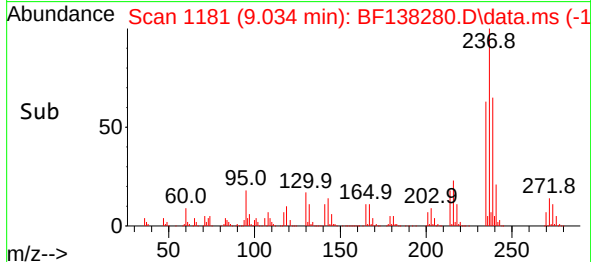
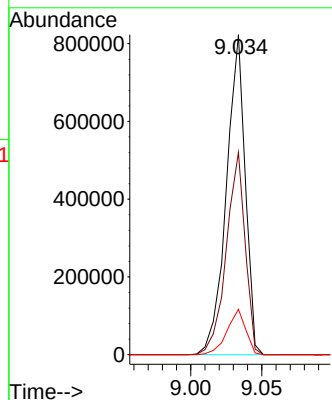
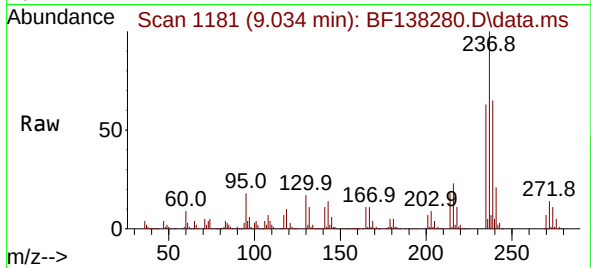




#41
Hexachlorocyclopentadiene
Concen: 95.373 ng
RT: 9.034 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF138280.D
Acq: 21 Jun 2024 12:20

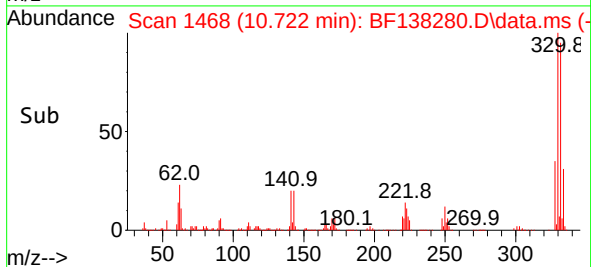
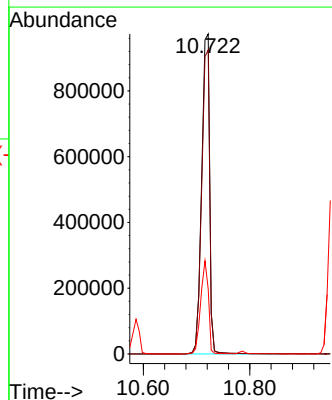
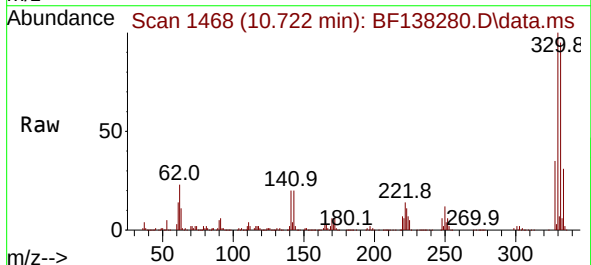
Instrument :
BNA_F
ClientSampleId :
PB161600BS

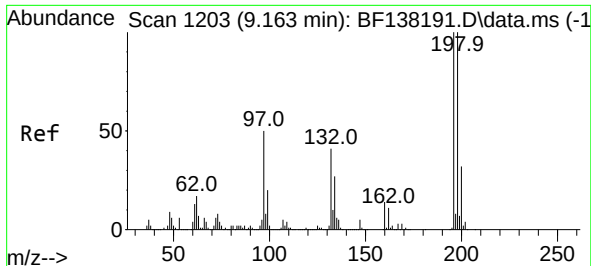
Tgt Ion:237 Resp: 758431
Ion Ratio Lower Upper
237 100
235 63.3 43.3 83.3
272 14.2 0.0 34.0



#42
2,4,6-Tribromophenol
Concen: 121.360 ng
RT: 10.722 min Scan# 1468
Delta R.T. 0.006 min
Lab File: BF138280.D
Acq: 21 Jun 2024 12:20

Tgt Ion:330 Resp: 1008320
Ion Ratio Lower Upper
330 100
332 95.0 76.6 115.0
141 28.3 23.9 35.9

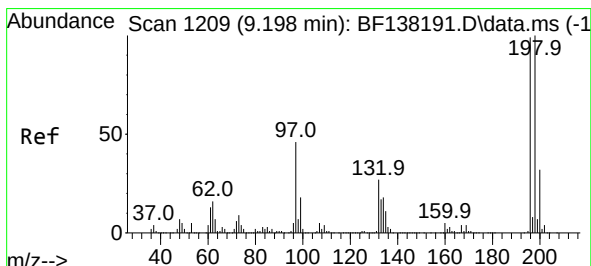
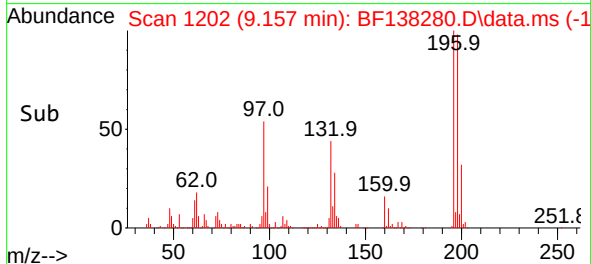
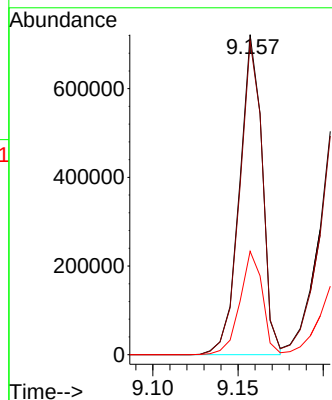
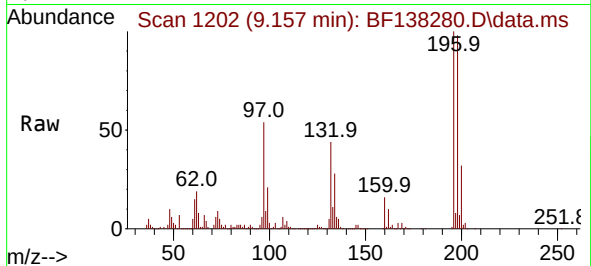




#43
2,4,6-Trichlorophenol
Concen: 43.808 ng
RT: 9.157 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138280.D
Acq: 21 Jun 2024 12:20

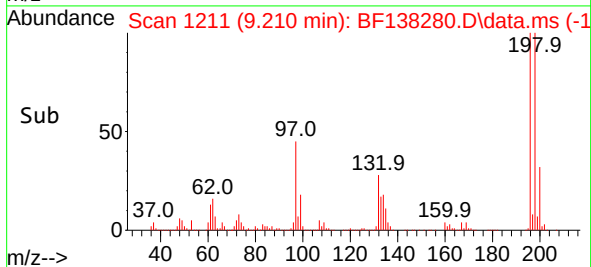
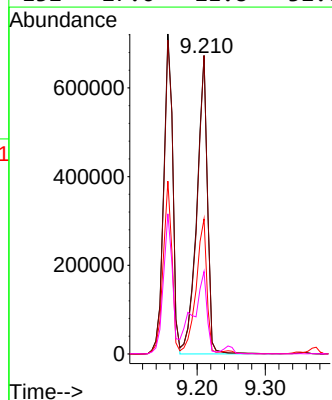
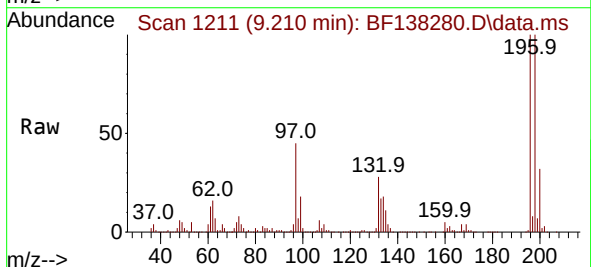
Instrument :
BNA_F
ClientSampleId :
PB161600BS

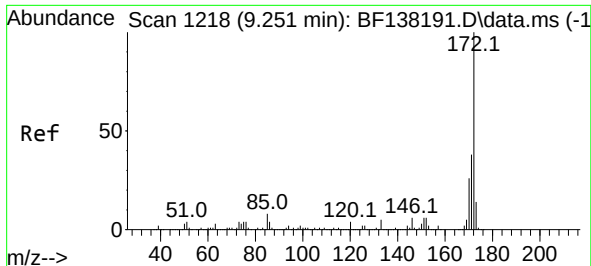
Tgt Ion:196 Resp: 668978
Ion Ratio Lower Upper
196 100
198 98.1 79.8 119.6
200 32.3 25.9 38.9



#44
2,4,5-Trichlorophenol
Concen: 43.181 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.012 min
Lab File: BF138280.D
Acq: 21 Jun 2024 12:20

Tgt Ion:196 Resp: 724142
Ion Ratio Lower Upper
196 100
198 100.0 80.4 120.6
97 45.3 37.4 56.2
132 27.6 21.8 32.6

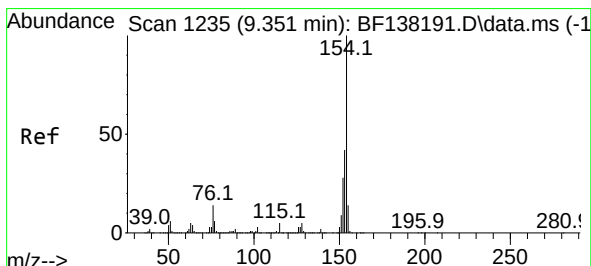
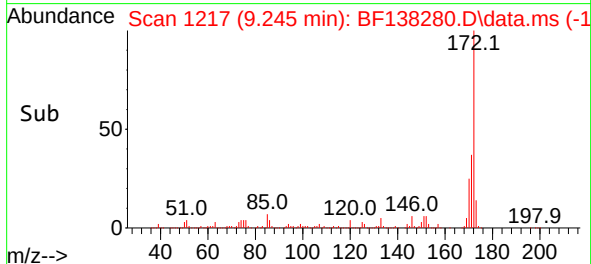
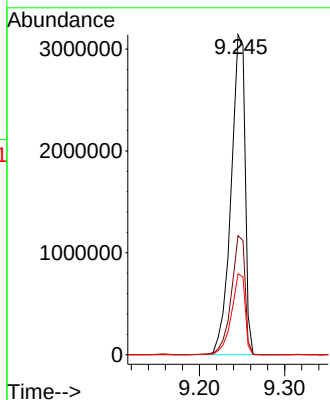
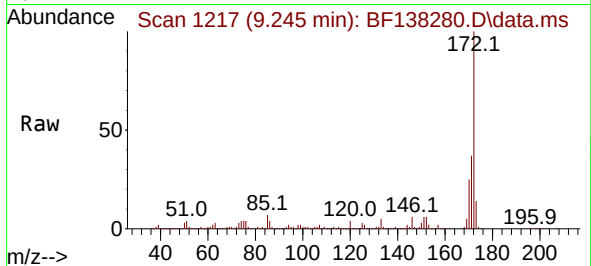




#45
2-Fluorobiphenyl
Concen: 68.424 ng
RT: 9.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138280.D
Acq: 21 Jun 2024 12:20

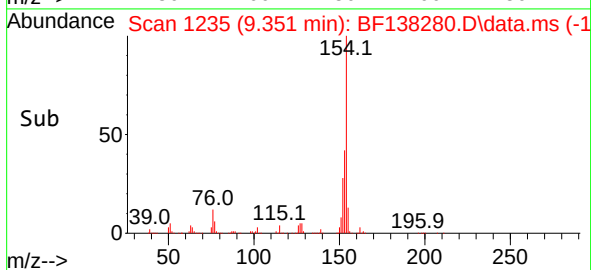
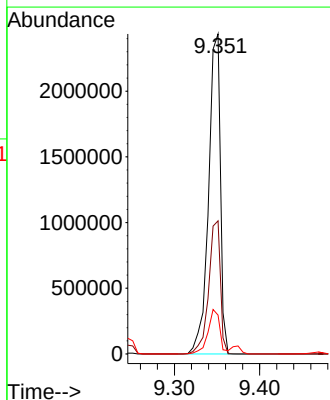
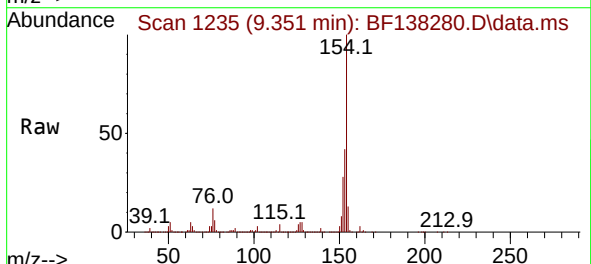
Instrument :
BNA_F
ClientSampleId :
PB161600BS

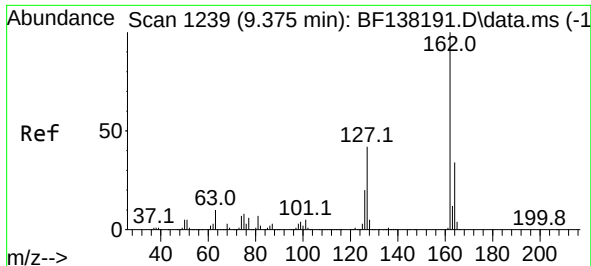
Tgt Ion:172 Resp: 3591241
Ion Ratio Lower Upper
172 100
171 37.2 30.3 45.5
170 25.3 20.6 30.8



#46
1,1'-Biphenyl
Concen: 38.356 ng
RT: 9.351 min Scan# 1235
Delta R.T. -0.000 min
Lab File: BF138280.D
Acq: 21 Jun 2024 12:20

Tgt Ion:154 Resp: 2348978
Ion Ratio Lower Upper
154 100
153 41.6 22.1 62.1
76 12.1 0.0 34.3

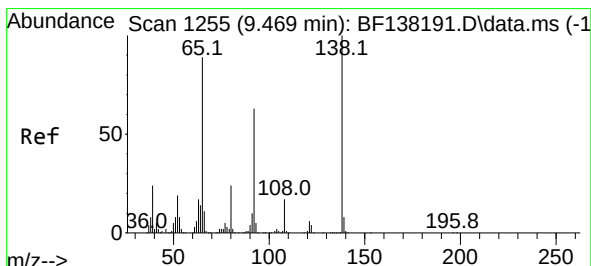
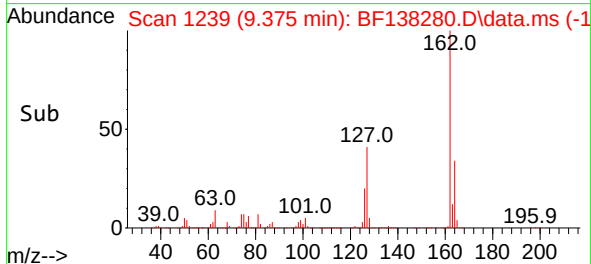
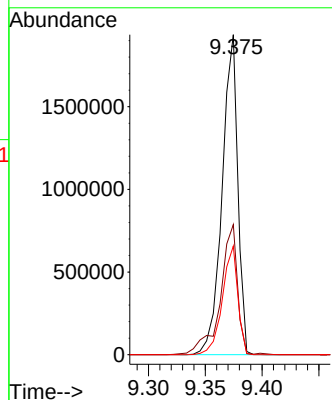
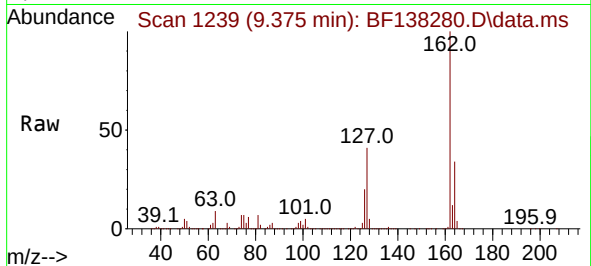




#47
2-Chloronaphthalene
Concen: 38.415 ng
RT: 9.375 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF138280.D
Acq: 21 Jun 2024 12:20

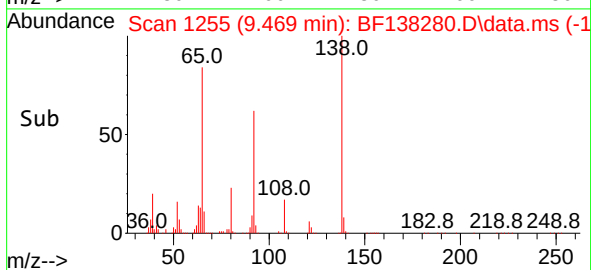
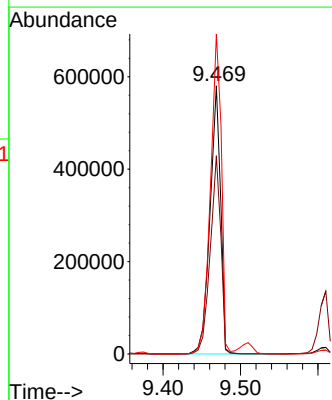
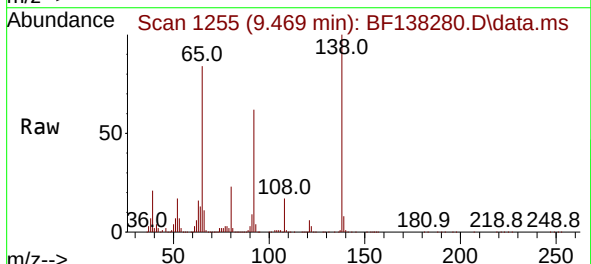
Instrument :
BNA_F
ClientSampleId :
PB161600BS

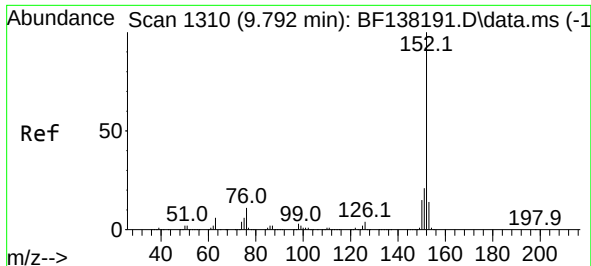
Tgt Ion:162 Resp: 1859264
Ion Ratio Lower Upper
162 100
127 40.7 33.6 50.4
164 34.0 27.2 40.8



#48
2-Nitroaniline
Concen: 47.467 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.000 min
Lab File: BF138280.D
Acq: 21 Jun 2024 12:20

Tgt Ion: 65 Resp: 553270
Ion Ratio Lower Upper
65 100
92 73.9 56.6 85.0
138 119.3 90.1 135.1

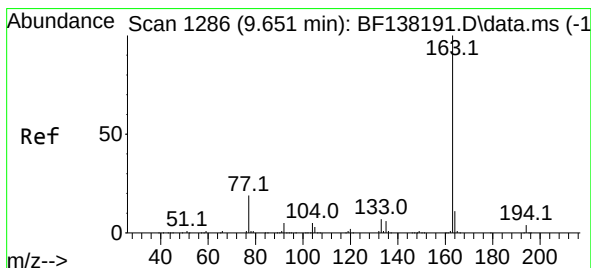
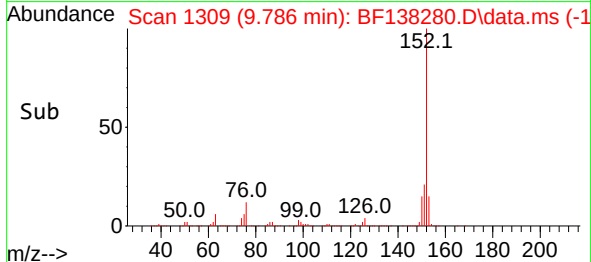
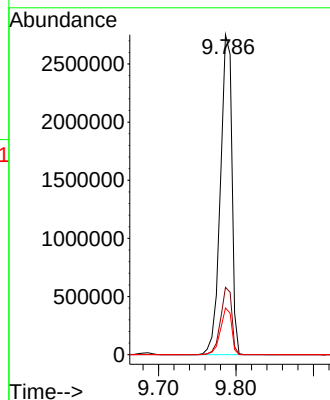
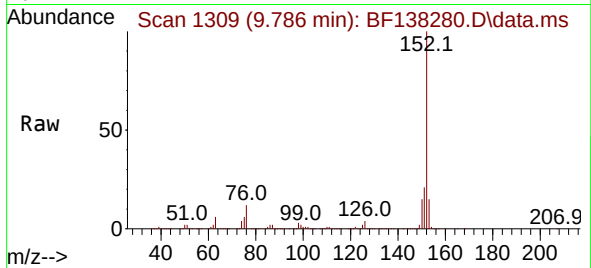




#49
Acenaphthylene
Concen: 41.720 ng
RT: 9.786 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BF138280.D
Acq: 21 Jun 2024 12:20

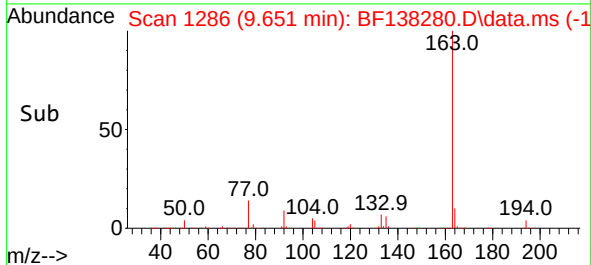
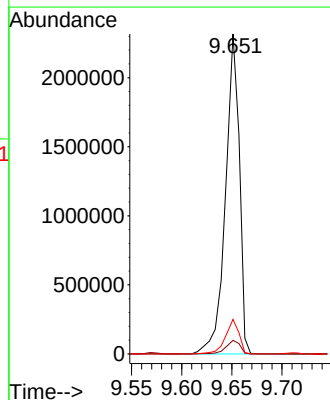
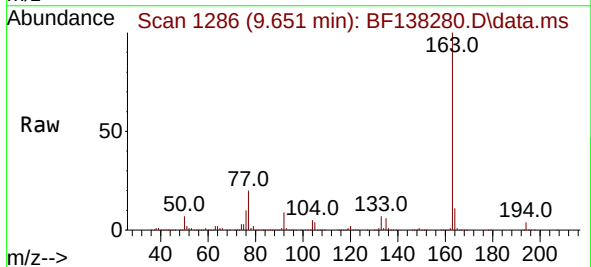
Instrument :
BNA_F
ClientSampleId :
PB161600BS

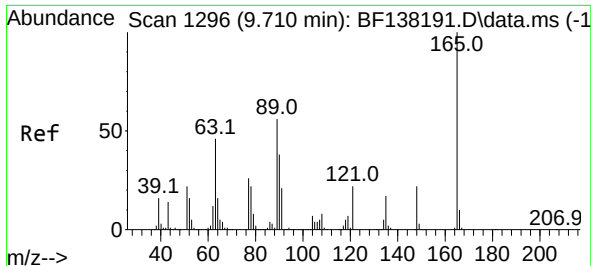
Tgt Ion:152 Resp: 2831394
Ion Ratio Lower Upper
152 100
151 21.0 16.9 25.3
153 14.6 11.4 17.0



#50
Dimethylphthalate
Concen: 43.479 ng
RT: 9.651 min Scan# 1286
Delta R.T. -0.000 min
Lab File: BF138280.D
Acq: 21 Jun 2024 12:20

Tgt Ion:163 Resp: 2223313
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 10.8 8.5 12.7

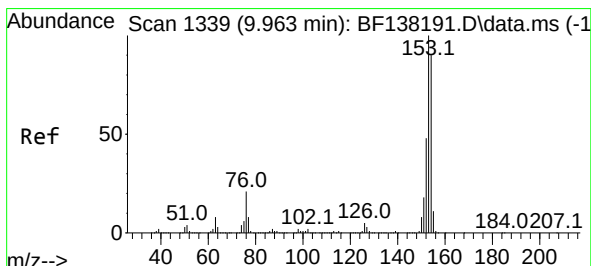
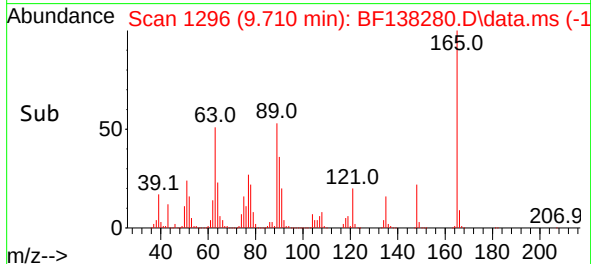
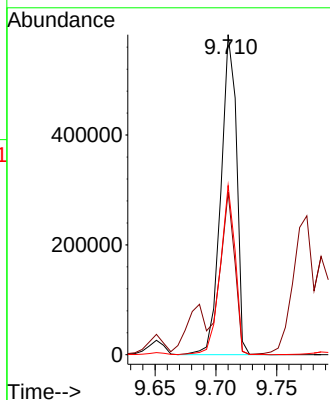
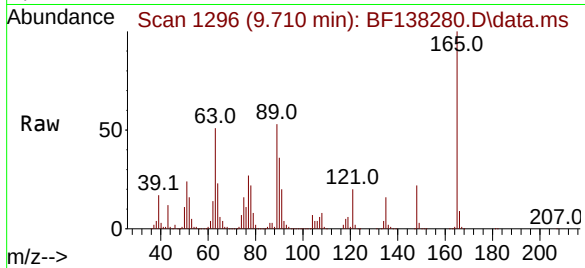




#51
2,6-Dinitrotoluene
Concen: 47.214 ng
RT: 9.710 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BF138280.D
Acq: 21 Jun 2024 12:20

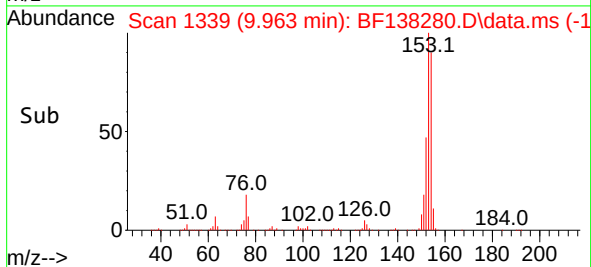
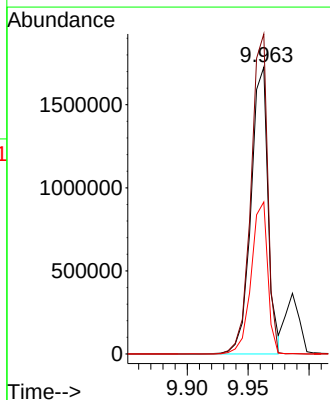
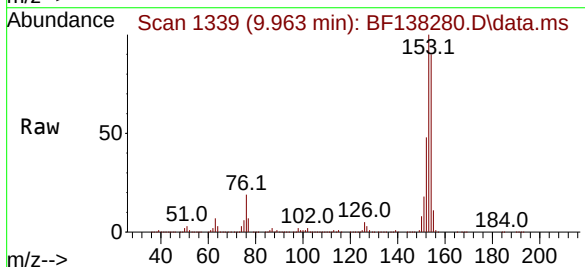
Instrument :
BNA_F
ClientSampleId :
PB161600BS

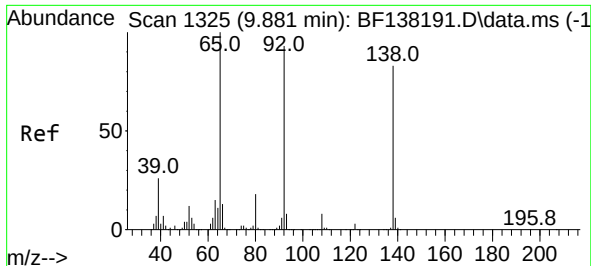
Tgt Ion:165 Resp: 523765
Ion Ratio Lower Upper
165 100
63 50.8 43.7 65.5
89 52.9 44.9 67.3



#52
Acenaphthene
Concen: 36.499 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF138280.D
Acq: 21 Jun 2024 12:20

Tgt Ion:154 Resp: 1689124
Ion Ratio Lower Upper
154 100
153 111.6 89.1 133.7
152 53.0 42.4 63.6

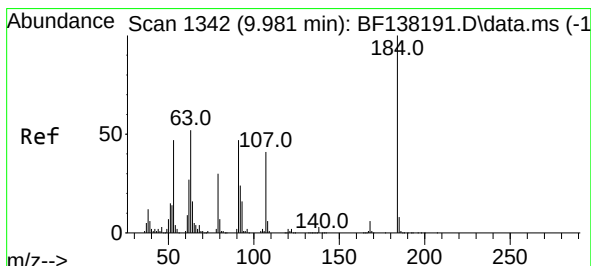
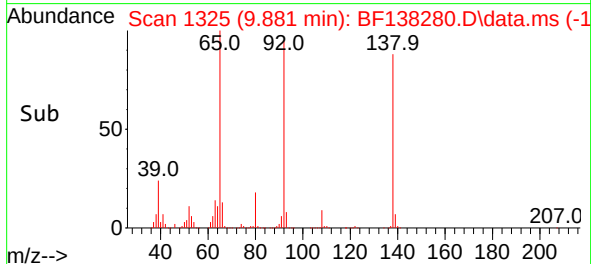
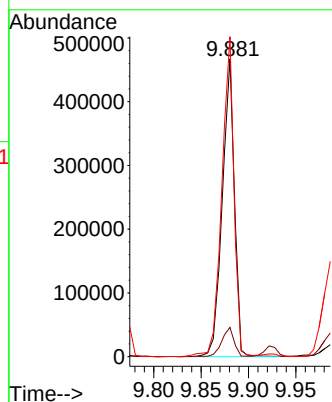
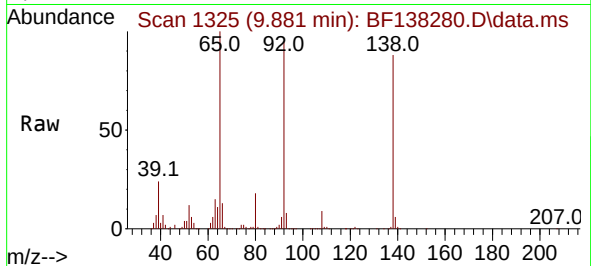




#53
3-Nitroaniline
Concen: 35.299 ng
RT: 9.881 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138280.D
Acq: 21 Jun 2024 12:20

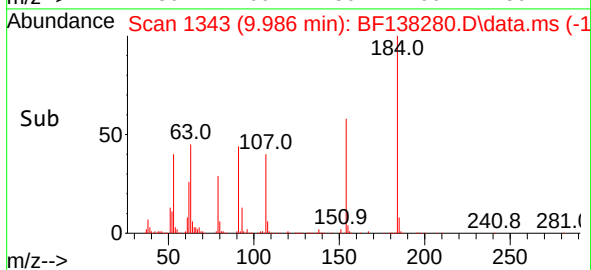
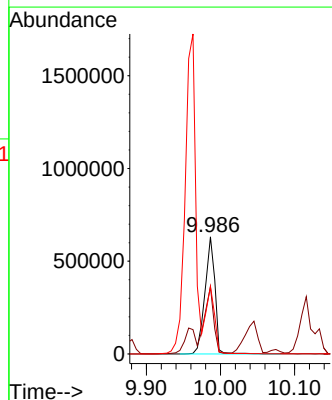
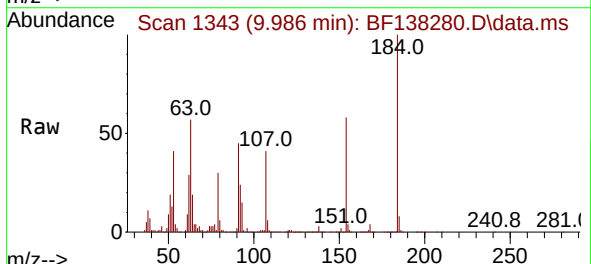
Instrument :
BNA_F
ClientSampleId :
PB161600BS

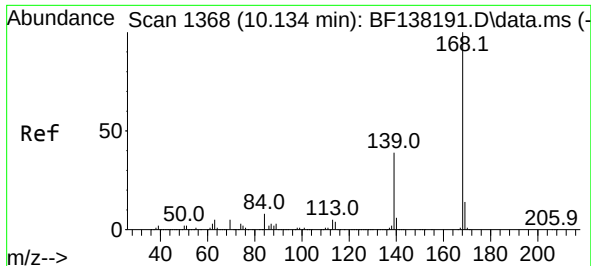
Tgt Ion:138 Resp: 418322
Ion Ratio Lower Upper
138 100
108 9.8 8.2 12.2
92 107.4 90.0 135.0



#54
2,4-Dinitrophenol
Concen: 97.408 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.005 min
Lab File: BF138280.D
Acq: 21 Jun 2024 12:20

Tgt Ion:184 Resp: 594796
Ion Ratio Lower Upper
184 100
63 57.3 49.2 73.8
154 57.8 46.7 70.1

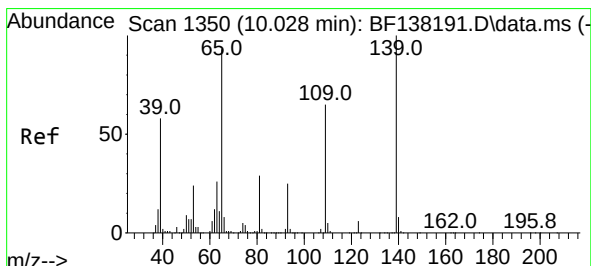
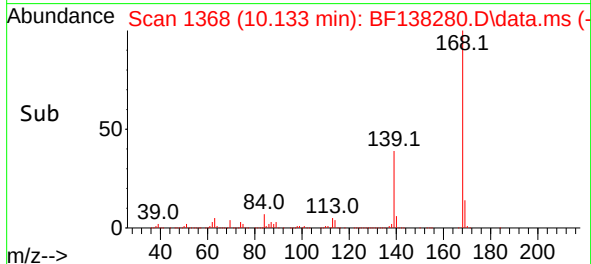
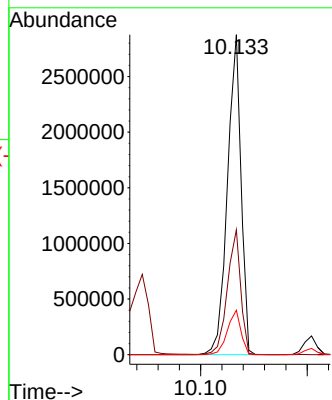
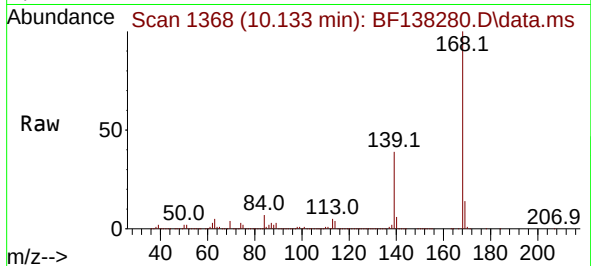




#55
Dibenzenofuran
Concen: 39.317 ng
RT: 10.133 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138280.D
Acq: 21 Jun 2024 12:20

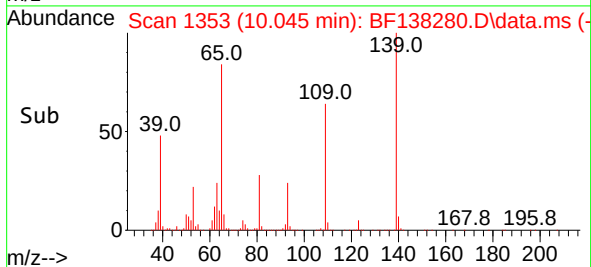
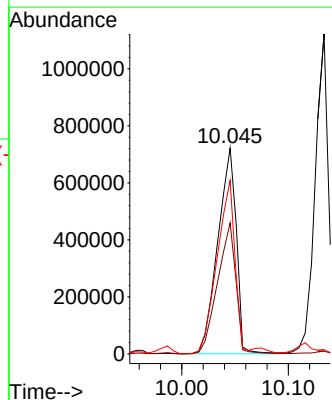
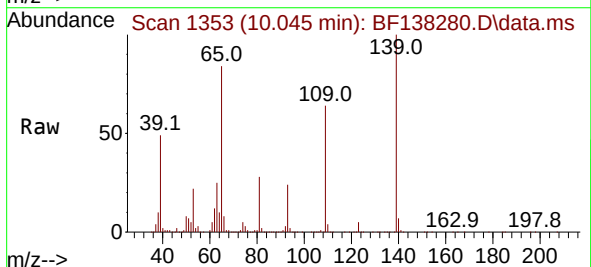
Instrument :
BNA_F
ClientSampleId :
PB161600BS

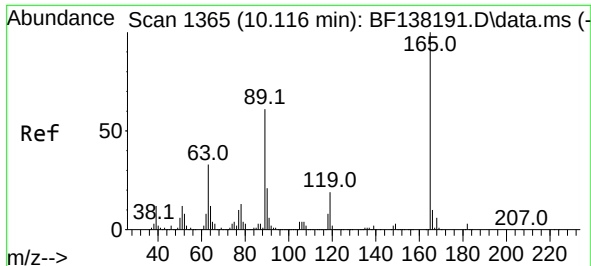
Tgt Ion:168 Resp: 2543626
Ion Ratio Lower Upper
168 100
139 39.0 31.0 46.4
169 13.9 11.4 17.0



#56
4-Nitrophenol
Concen: 92.771 ng
RT: 10.045 min Scan# 1353
Delta R.T. 0.018 min
Lab File: BF138280.D
Acq: 21 Jun 2024 12:20

Tgt Ion:139 Resp: 868827
Ion Ratio Lower Upper
139 100
109 63.7 44.6 84.6
65 84.3 73.1 113.1

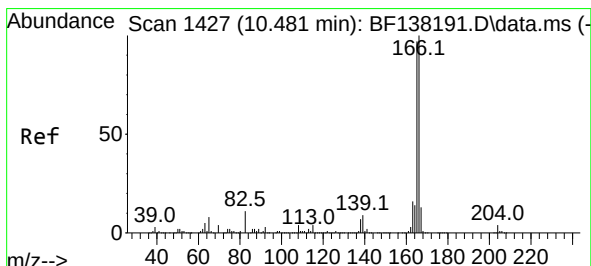
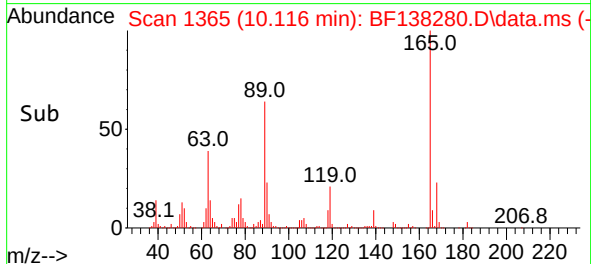
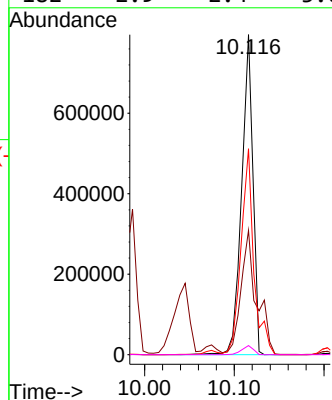
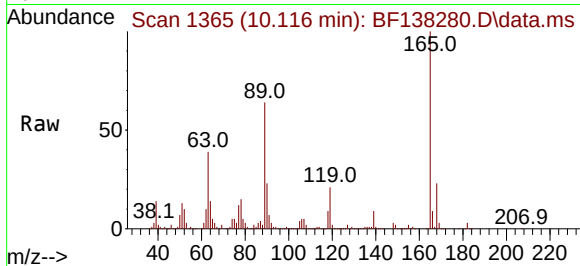




#57
2,4-Dinitrotoluene
Concen: 50.875 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138280.D
Acq: 21 Jun 2024 12:20

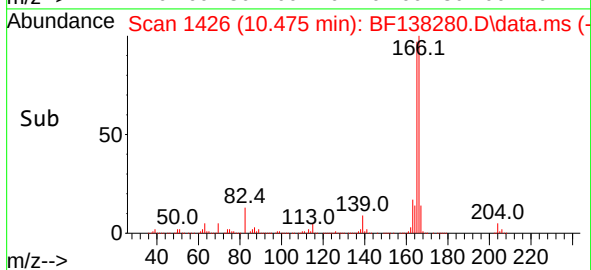
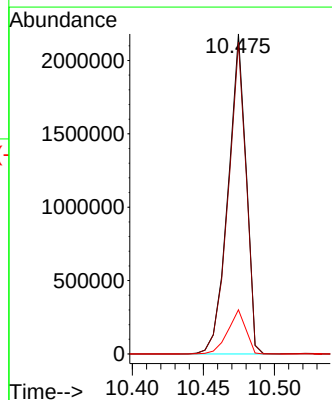
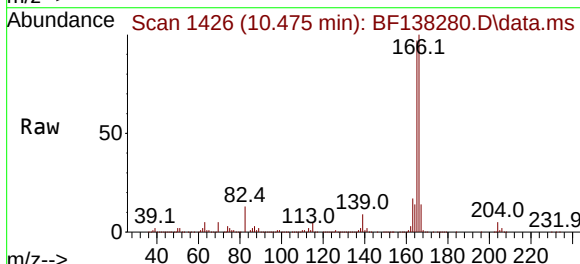
Instrument :
BNA_F
ClientSampleId :
PB161600BS

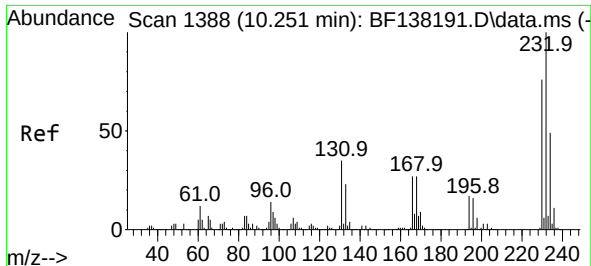
Tgt Ion:165 Resp: 696103
Ion Ratio Lower Upper
165 100
63 38.9 26.6 39.8
89 64.3 48.7 73.1
182 2.9 2.4 3.6



#58
Fluorene
Concen: 37.657 ng
RT: 10.475 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF138280.D
Acq: 21 Jun 2024 12:20

Tgt Ion:166 Resp: 1915475
Ion Ratio Lower Upper
166 100
165 97.3 77.9 116.9
167 13.8 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 45.082 ng

RT: 10.245 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138280.D

Acq: 21 Jun 2024 12:20

Instrument :

BNA_F

ClientSampleId :

PB161600BS

Tgt Ion:232 Resp: 590848

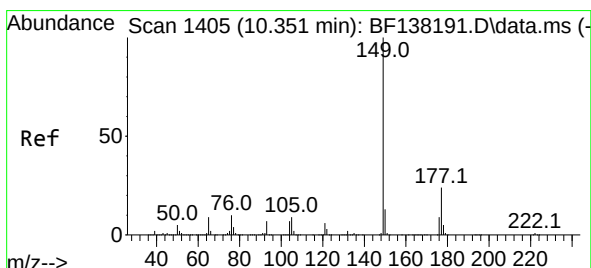
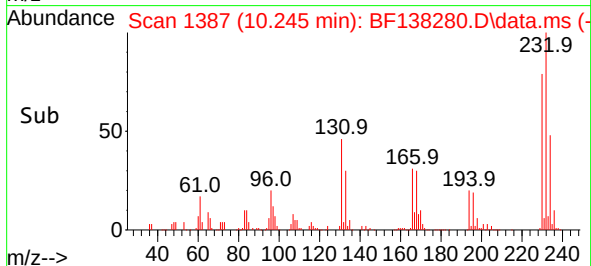
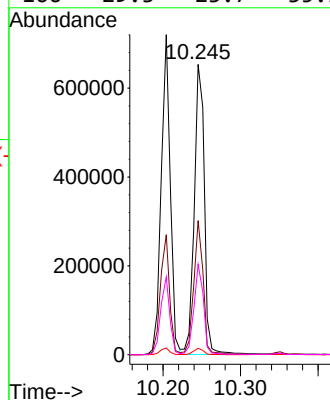
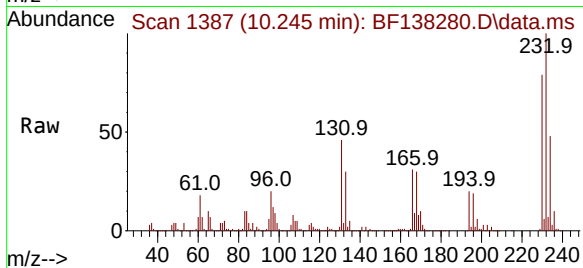
Ion Ratio Lower Upper

232 100

131 42.8 33.6 50.4

130 2.2 1.7 2.5

166 29.3 23.7 35.5



#60

Diethylphthalate

Concen: 42.903 ng

RT: 10.351 min Scan# 1405

Delta R.T. -0.000 min

Lab File: BF138280.D

Acq: 21 Jun 2024 12:20

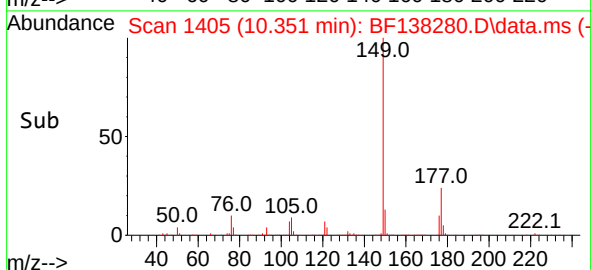
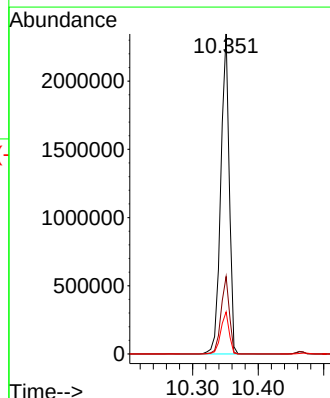
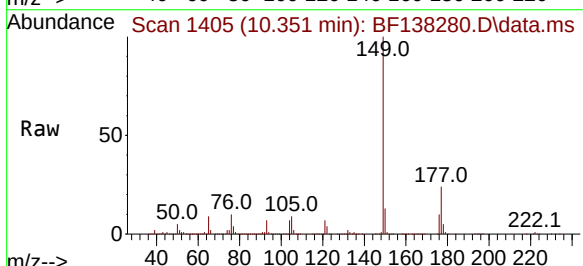
Tgt Ion:149 Resp: 2082172

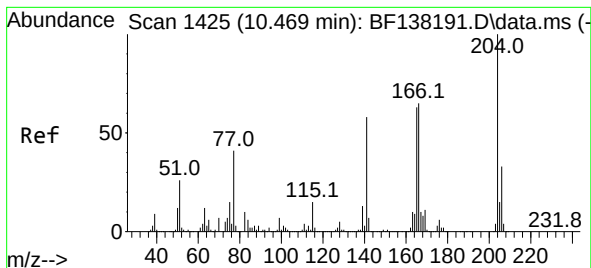
Ion Ratio Lower Upper

149 100

177 24.2 19.4 29.0

150 13.1 10.2 15.4

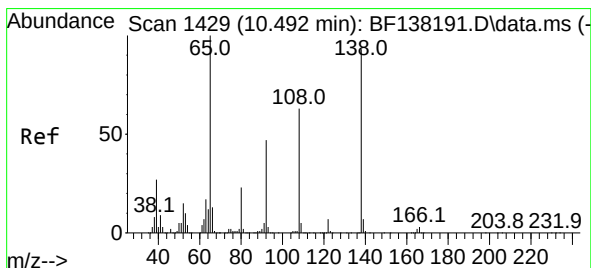
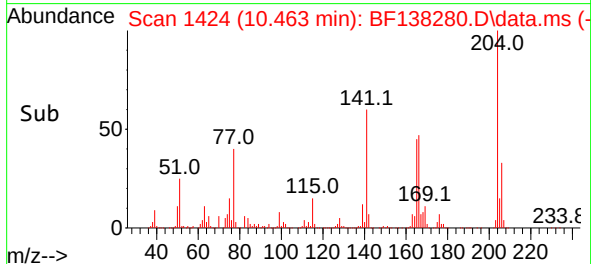
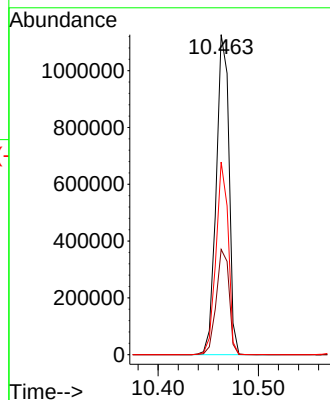
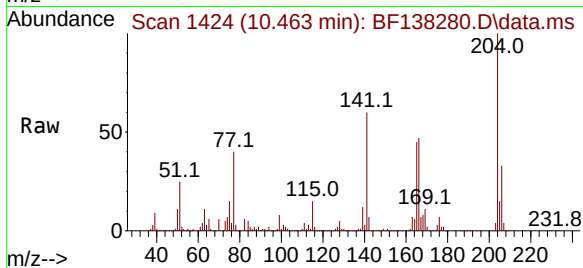




#61
4-Chlorophenyl-phenylether
Concen: 39.246 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF138280.D
Acq: 21 Jun 2024 12:20

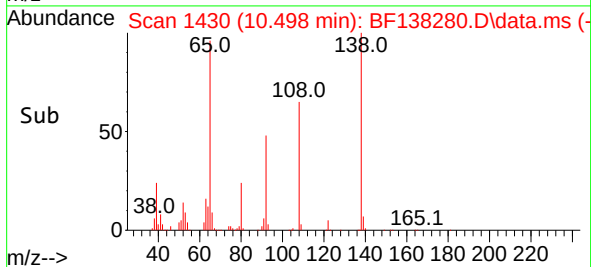
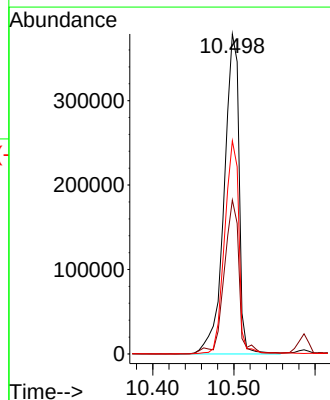
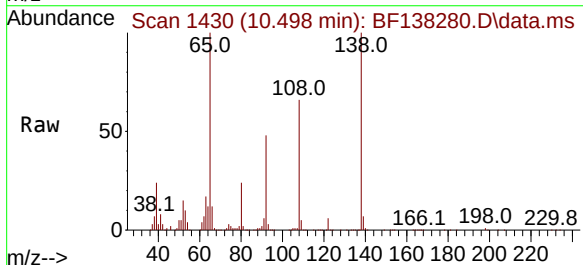
Instrument :
BNA_F
ClientSampleId :
PB161600BS

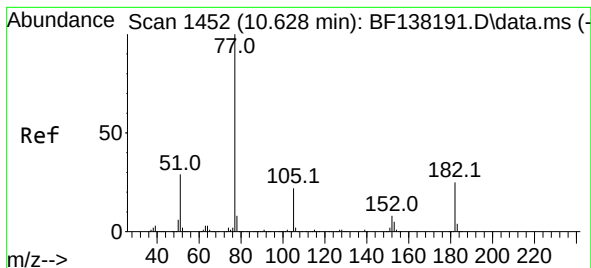
Tgt Ion:204 Resp: 994214
Ion Ratio Lower Upper
204 100
206 32.9 26.6 39.8
141 60.2 46.3 69.5



#62
4-Nitroaniline
Concen: 40.988 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF138280.D
Acq: 21 Jun 2024 12:20

Tgt Ion:138 Resp: 485335
Ion Ratio Lower Upper
138 100
92 48.1 30.9 70.9
108 66.6 47.8 87.8





#63

Azobenzene

Concen: 40.549 ng

RT: 10.628 min Scan# 1452

Delta R.T. -0.000 min

Lab File: BF138280.D

Acq: 21 Jun 2024 12:20

Instrument :

BNA_F

ClientSampleId :

PB161600BS

Tgt Ion: 77 Resp: 1971562

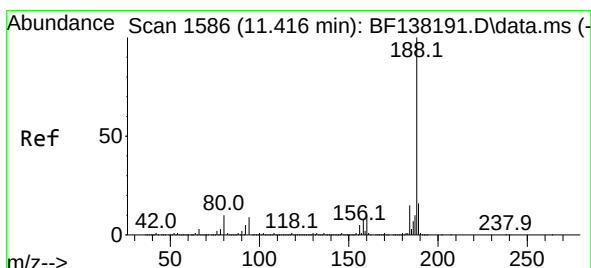
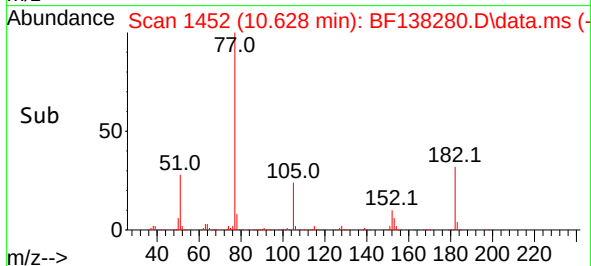
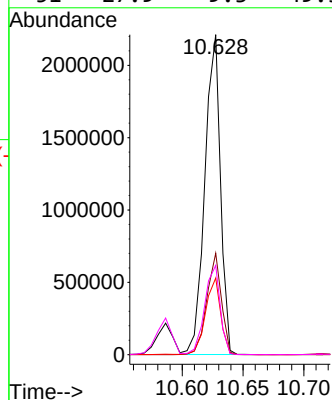
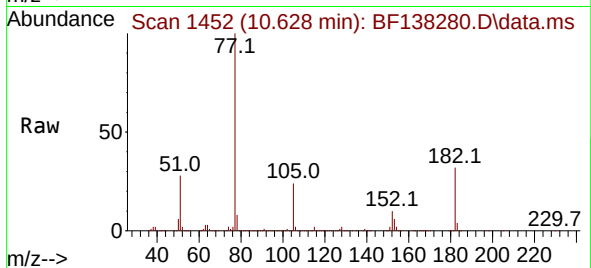
Ion Ratio Lower Upper

77 100

182 31.7 5.5 45.5

105 24.0 1.8 41.8

51 27.9 9.3 49.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1585

Delta R.T. -0.006 min

Lab File: BF138280.D

Acq: 21 Jun 2024 12:20

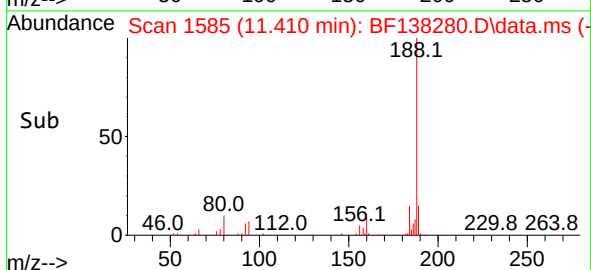
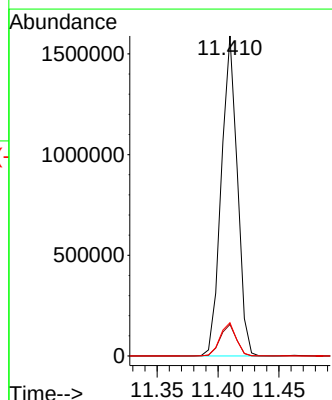
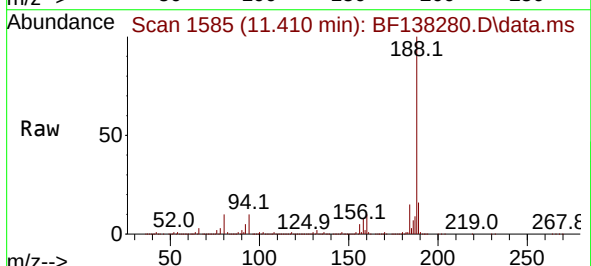
Tgt Ion: 188 Resp: 1459301

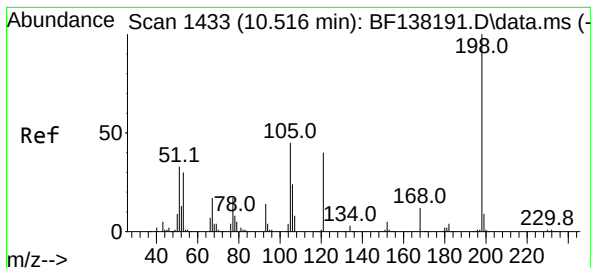
Ion Ratio Lower Upper

188 100

94 9.9 7.6 11.4

80 10.4 8.1 12.1

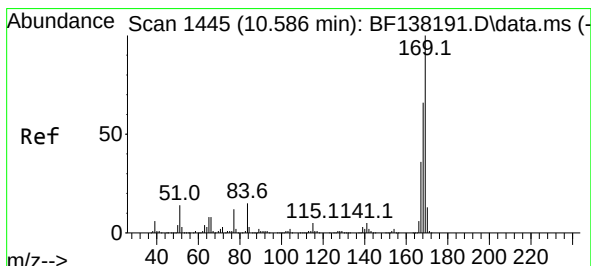
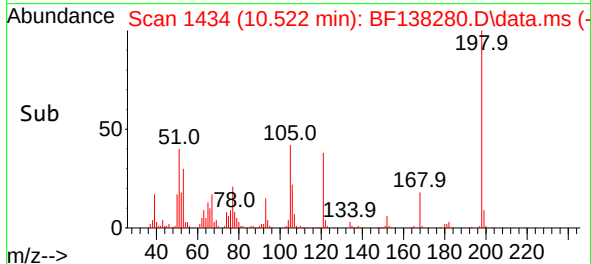
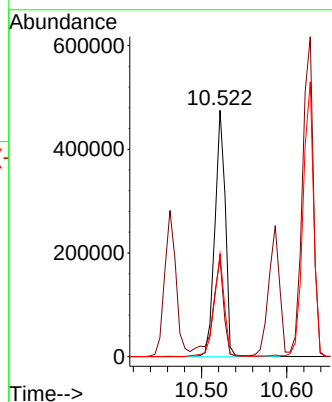
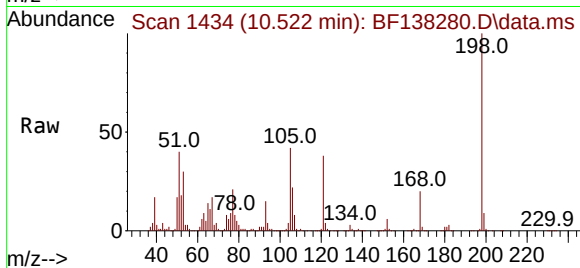




#65
4,6-Dinitro-2-methylphenol
Concen: 53.591 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF138280.D
Acq: 21 Jun 2024 12:20

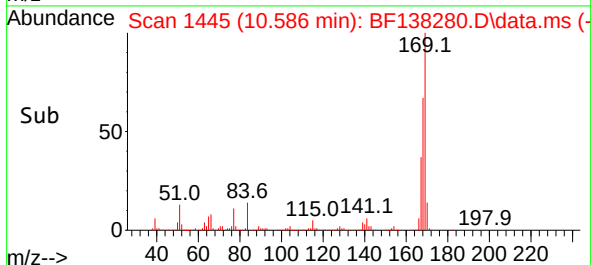
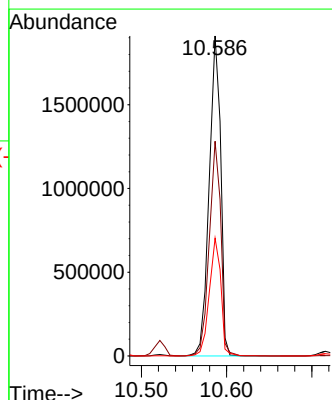
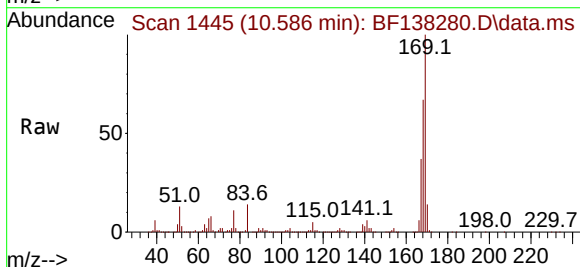
Instrument :
BNA_F
ClientSampleId :
PB161600BS

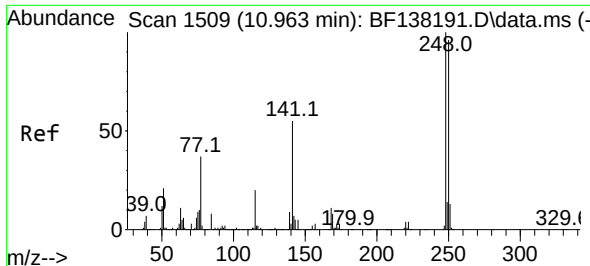
Tgt Ion:198 Resp: 405529
Ion Ratio Lower Upper
198 100
51 39.8 26.9 66.9
105 41.8 26.0 66.0



#66
n-Nitrosodiphenylamine
Concen: 40.054 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF138280.D
Acq: 21 Jun 2024 12:20

Tgt Ion:169 Resp: 1789483
Ion Ratio Lower Upper
169 100
168 67.1 52.9 79.3
167 36.8 29.0 43.6

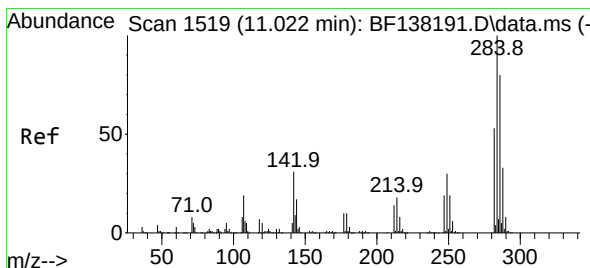
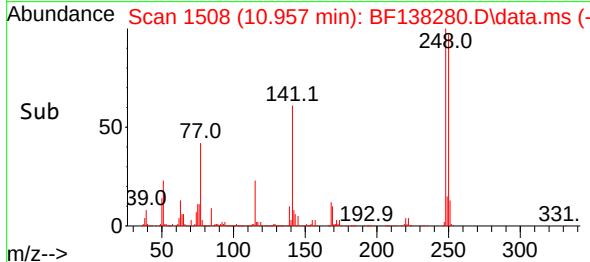
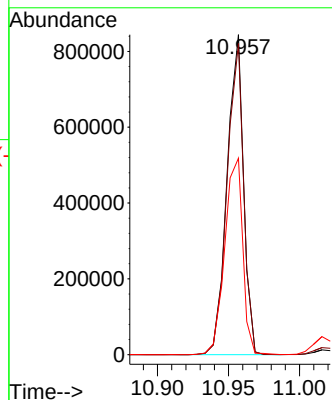
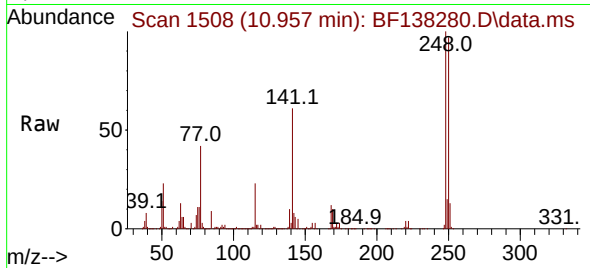




#67
4-Bromophenyl-phenylether
Concen: 41.509 ng
RT: 10.957 min Scan# 1518
Delta R.T. -0.006 min
Lab File: BF138280.D
Acq: 21 Jun 2024 12:20

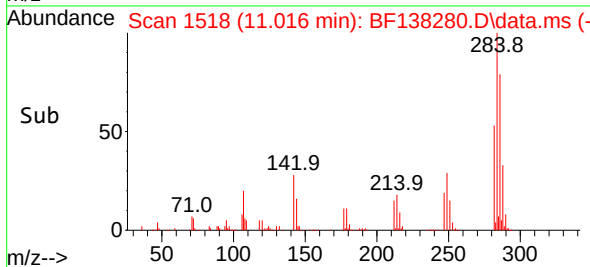
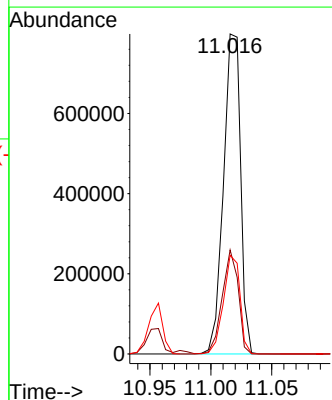
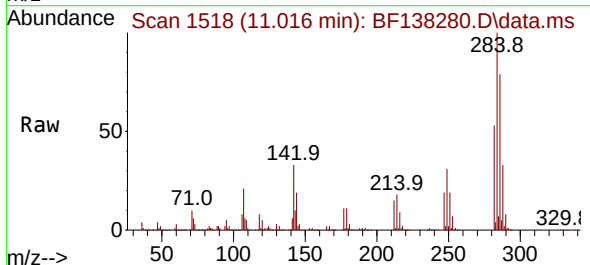
Instrument :
BNA_F
ClientSampleId :
PB161600BS

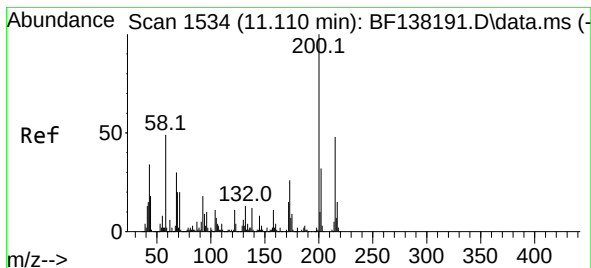
Tgt Ion:248 Resp: 682563
Ion Ratio Lower Upper
248 100
250 97.2 77.2 115.8
141 61.4 44.1 66.1



#68
Hexachlorobenzene
Concen: 40.843 ng
RT: 11.016 min Scan# 1518
Delta R.T. -0.006 min
Lab File: BF138280.D
Acq: 21 Jun 2024 12:20

Tgt Ion:284 Resp: 783765
Ion Ratio Lower Upper
284 100
142 32.5 24.8 37.2
249 30.9 23.8 35.6





#69

Atrazine

Concen: 45.943 ng

RT: 11.116 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF138280.D

Acq: 21 Jun 2024 12:20

Instrument :

BNA_F

ClientSampleId :

PB161600BS

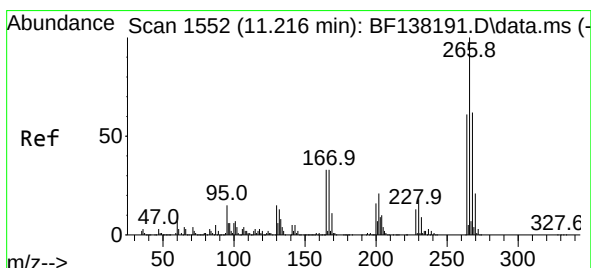
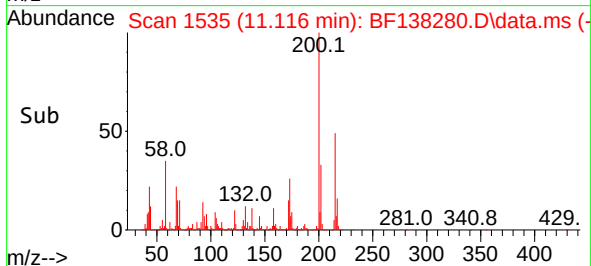
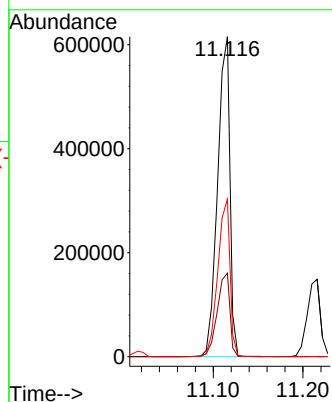
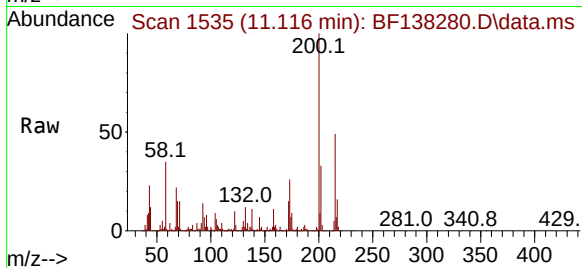
Tgt Ion:200 Resp: 584645

Ion Ratio Lower Upper

200 100

173 26.1 6.3 46.3

215 49.2 28.0 68.0



#70

Pentachlorophenol

Concen: 78.481 ng

RT: 11.216 min Scan# 1552

Delta R.T. -0.000 min

Lab File: BF138280.D

Acq: 21 Jun 2024 12:20

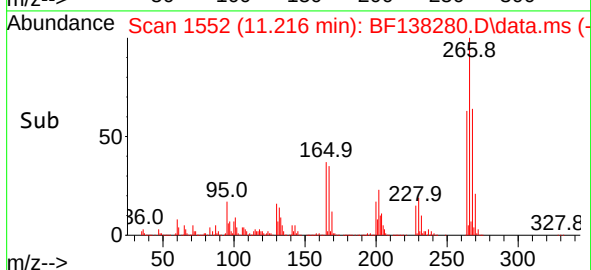
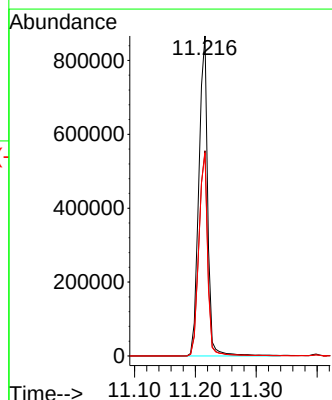
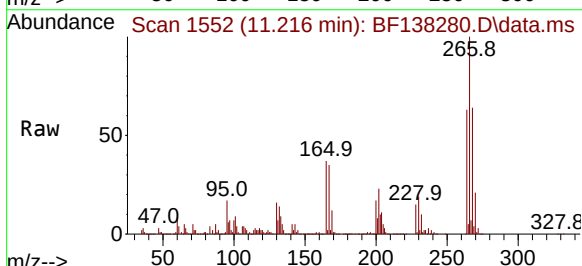
Tgt Ion:266 Resp: 878332

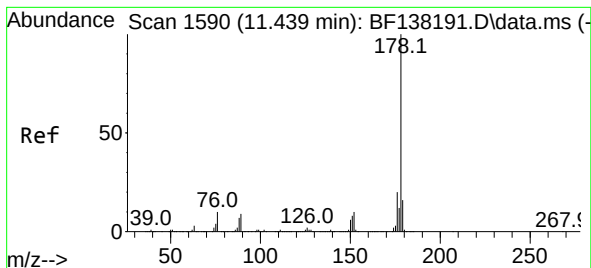
Ion Ratio Lower Upper

266 100

268 64.2 49.5 74.3

264 63.4 49.2 73.8





#71

Phenanthrene

Concen: 39.455 ng

RT: 11.439 min Scan# 1590

Delta R.T. -0.000 min

Lab File: BF138280.D

Acq: 21 Jun 2024 12:20

Instrument :

BNA_F

ClientSampleId :

PB161600BS

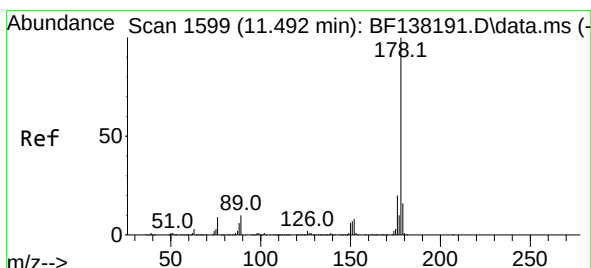
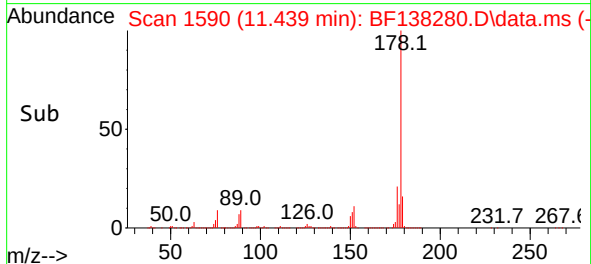
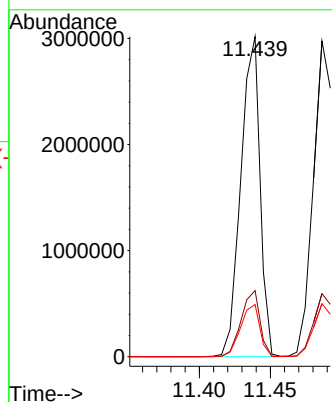
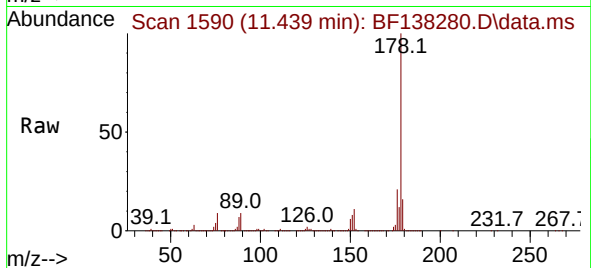
Tgt Ion:178 Resp: 2847345

Ion Ratio Lower Upper

178 100

176 20.6 16.4 24.6

179 16.3 13.1 19.7



#72

Anthracene

Concen: 39.395 ng

RT: 11.486 min Scan# 1598

Delta R.T. -0.006 min

Lab File: BF138280.D

Acq: 21 Jun 2024 12:20

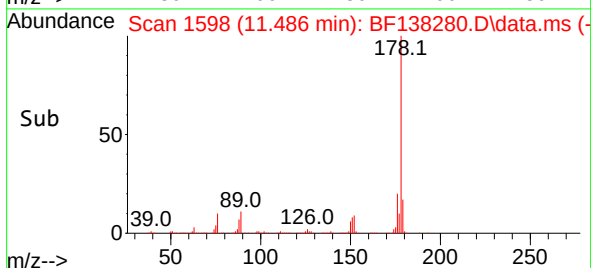
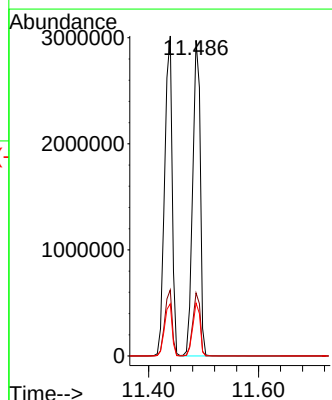
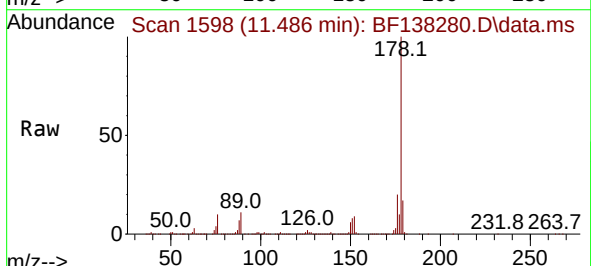
Tgt Ion:178 Resp: 2822751

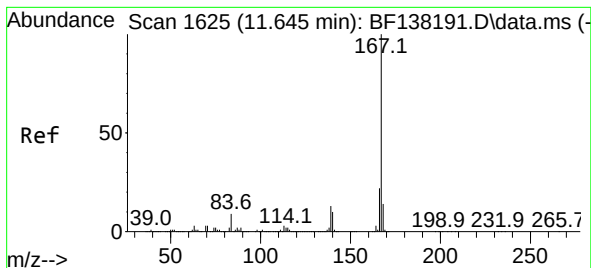
Ion Ratio Lower Upper

178 100

176 20.0 15.7 23.5

179 16.8 13.0 19.6





#73

Carbazole

Concen: 38.991 ng

RT: 11.639 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138280.D

Acq: 21 Jun 2024 12:20

Instrument :

BNA_F

ClientSampleId :

PB161600BS

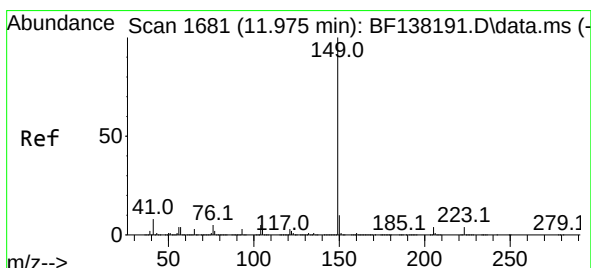
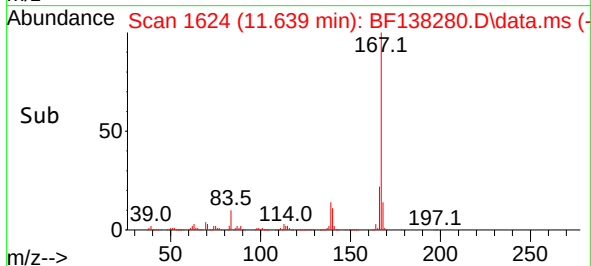
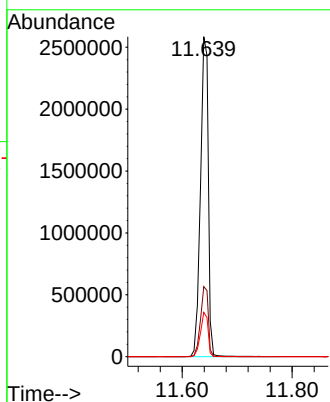
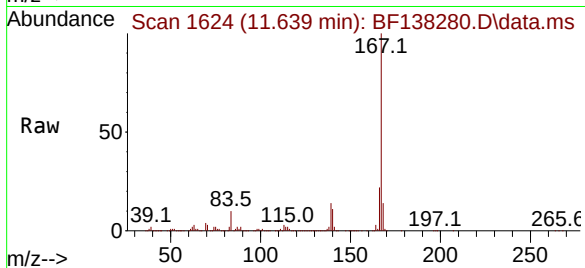
Tgt Ion:167 Resp: 2562398

Ion Ratio Lower Upper

167 100

166 21.9 18.0 27.0

139 13.8 10.6 16.0



#74

Di-n-butylphthalate

Concen: 44.122 ng

RT: 11.969 min Scan# 1680

Delta R.T. -0.006 min

Lab File: BF138280.D

Acq: 21 Jun 2024 12:20

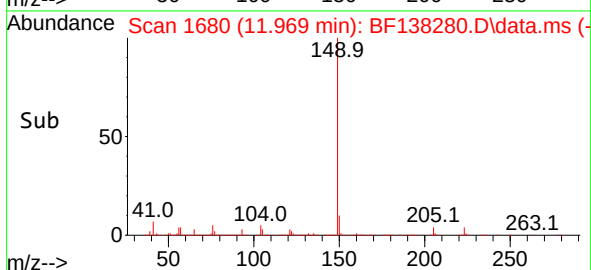
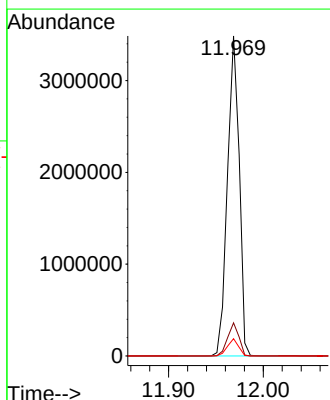
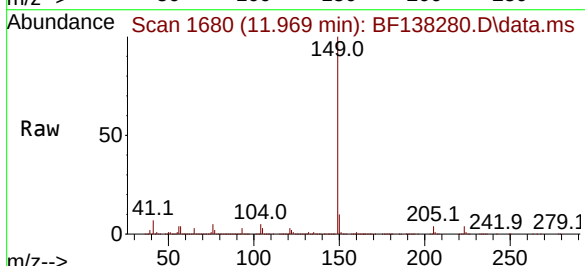
Tgt Ion:149 Resp: 3001865

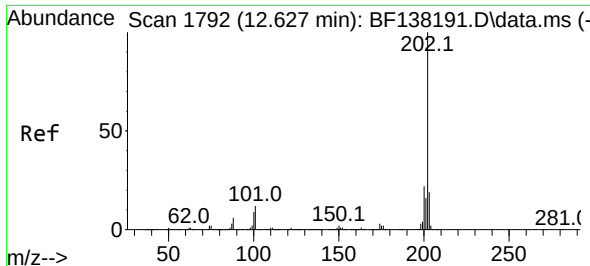
Ion Ratio Lower Upper

149 100

150 10.4 8.2 12.2

104 5.4 4.1 6.1

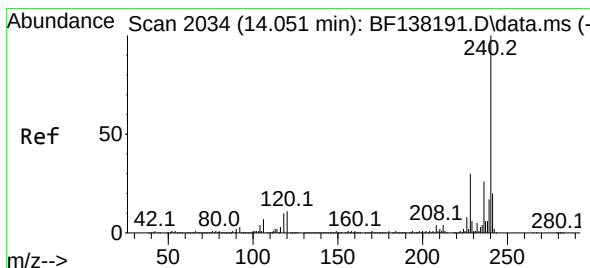
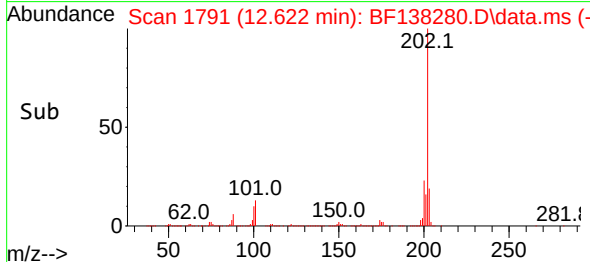
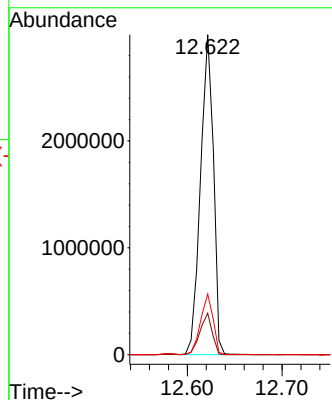
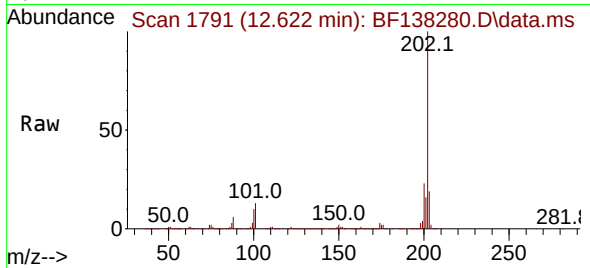




#75
Fluoranthene
Concen: 38.562 ng
RT: 12.622 min Scan# 1792
Delta R.T. -0.006 min
Lab File: BF138280.D
Acq: 21 Jun 2024 12:20

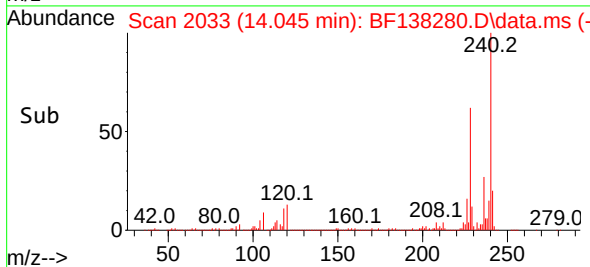
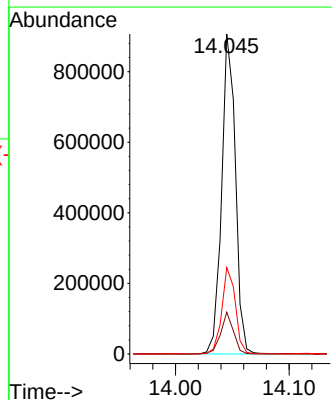
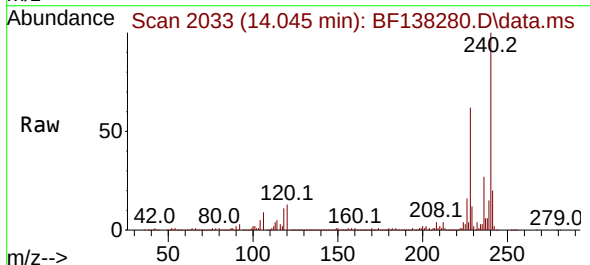
Instrument :
BNA_F
ClientSampleId :
PB161600BS

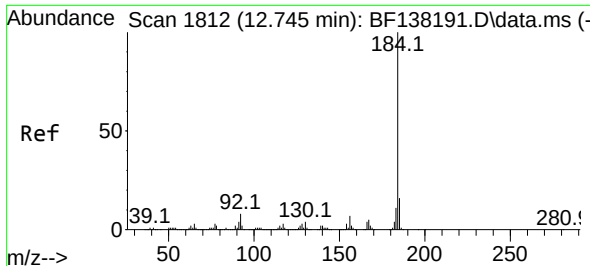
Tgt Ion:202 Resp: 2837841
Ion Ratio Lower Upper
202 100
101 13.0 0.0 31.8
203 19.0 0.0 38.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF138280.D
Acq: 21 Jun 2024 12:20

Tgt Ion:240 Resp: 766053
Ion Ratio Lower Upper
240 100
120 13.1 9.2 13.8
236 27.0 21.0 31.6

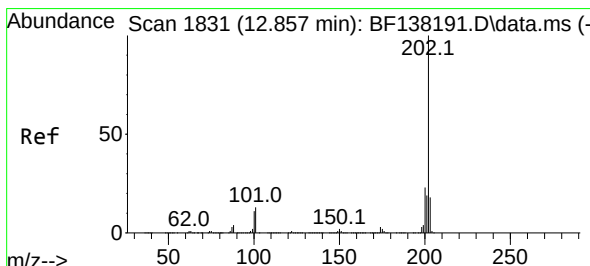
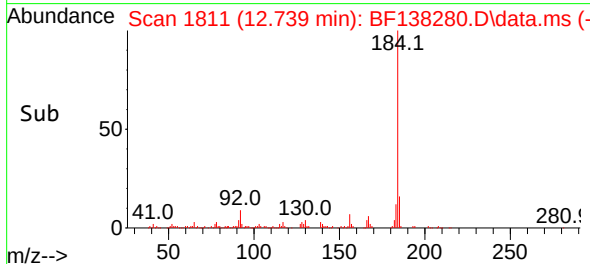
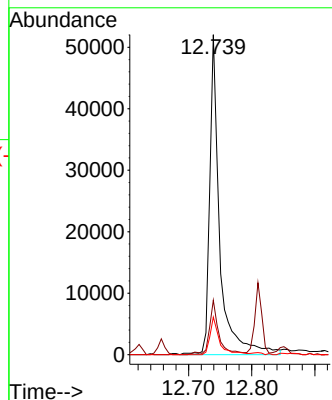
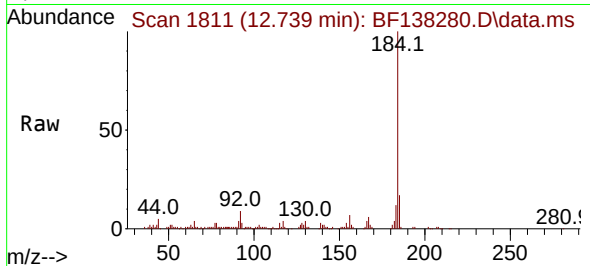




#77
Benzidine
Concen: 6.540 ng
RT: 12.739 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF138280.D
Acq: 21 Jun 2024 12:20

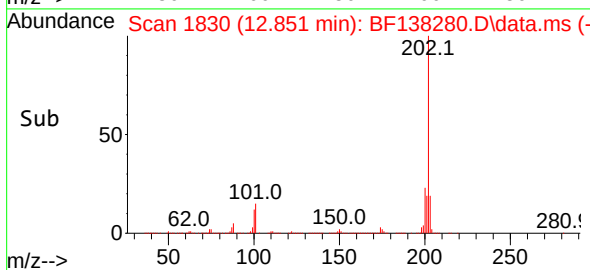
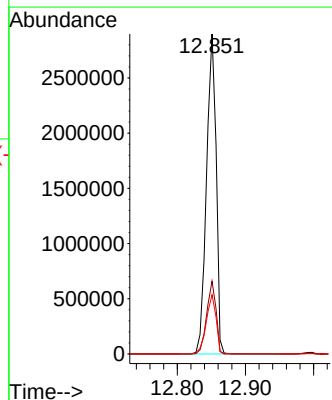
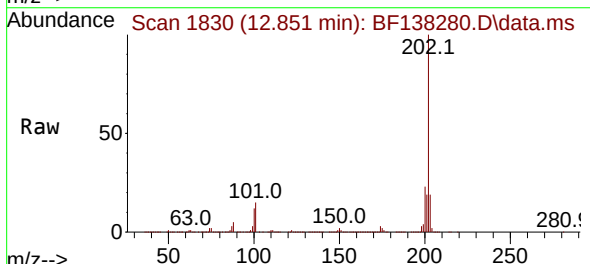
Instrument :
BNA_F
ClientSampleId :
PB161600BS

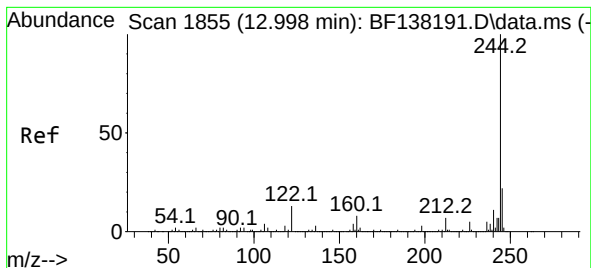
Tgt Ion:184 Resp: 57945
Ion Ratio Lower Upper
184 100
185 17.0 12.6 19.0
183 11.7 9.0 13.6



#78
Pyrene
Concen: 43.123 ng
RT: 12.851 min Scan# 1830
Delta R.T. -0.006 min
Lab File: BF138280.D
Acq: 21 Jun 2024 12:20

Tgt Ion:202 Resp: 2849447
Ion Ratio Lower Upper
202 100
200 22.8 18.0 27.0
203 18.5 14.7 22.1





#79

Terphenyl-d14

Concen: 80.193 ng

RT: 12.998 min Scan# 1855

Delta R.T. -0.000 min

Lab File: BF138280.D

Acq: 21 Jun 2024 12:20

Instrument :

BNA_F

ClientSampleId :

PB161600BS

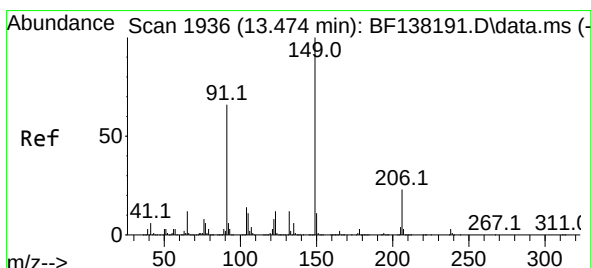
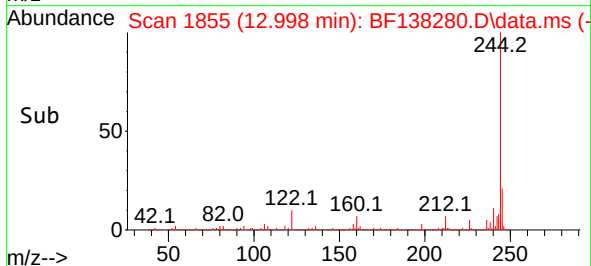
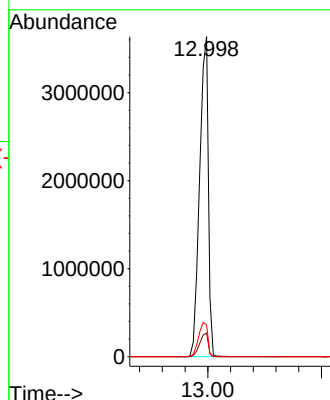
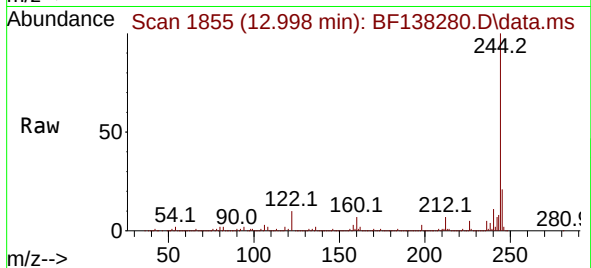
Tgt Ion:244 Resp: 3878700

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 9.9 10.6 15.8#



#80

Butylbenzylphthalate

Concen: 58.142 ng

RT: 13.469 min Scan# 1935

Delta R.T. -0.006 min

Lab File: BF138280.D

Acq: 21 Jun 2024 12:20

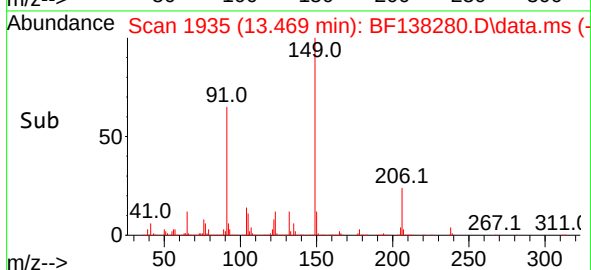
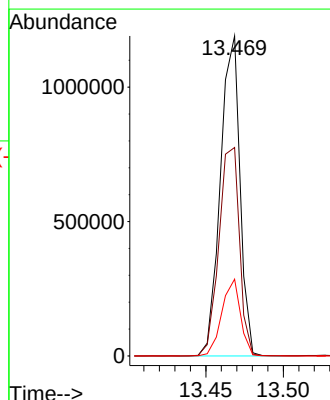
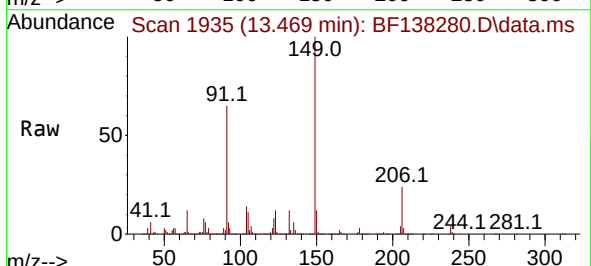
Tgt Ion:149 Resp: 1045012

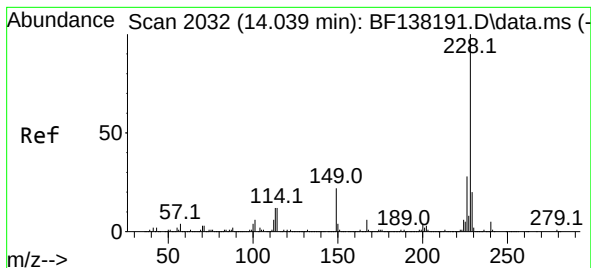
Ion Ratio Lower Upper

149 100

91 65.2 53.2 79.8

206 24.0 18.6 27.8





#81

Benzo(a)anthracene

Concen: 41.669 ng

RT: 14.033 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF138280.D

Acq: 21 Jun 2024 12:20

Instrument :

BNA_F

ClientSampleId :

PB161600BS

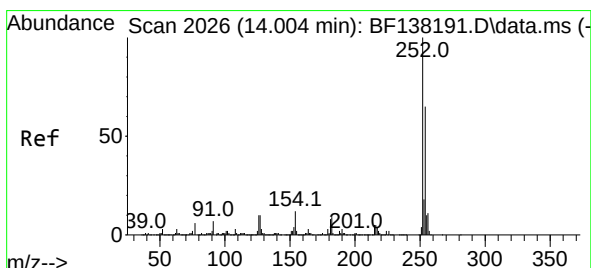
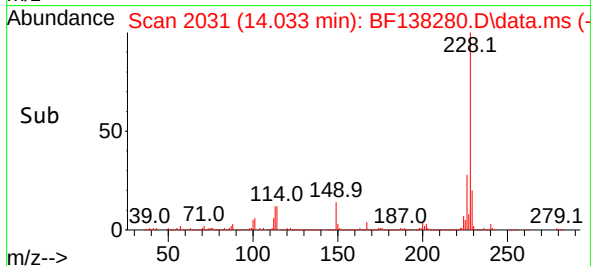
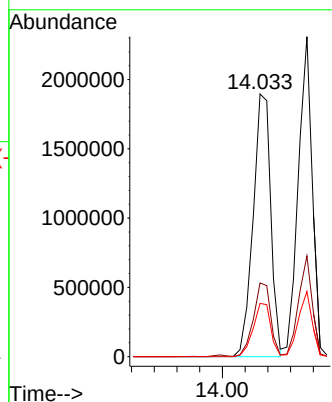
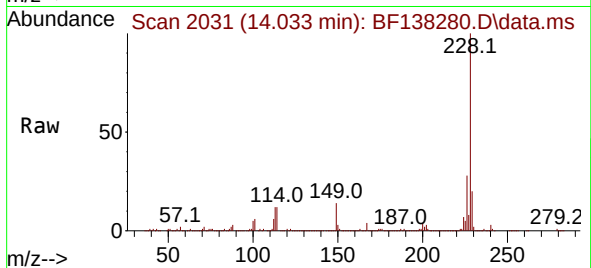
Tgt Ion:228 Resp: 2047878

Ion Ratio Lower Upper

228 100

226 28.1 22.5 33.7

229 20.3 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 43.242 ng

RT: 13.998 min Scan# 2025

Delta R.T. -0.006 min

Lab File: BF138280.D

Acq: 21 Jun 2024 12:20

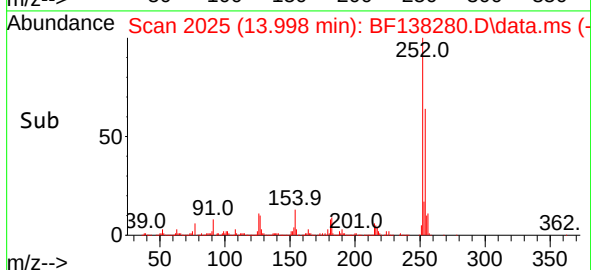
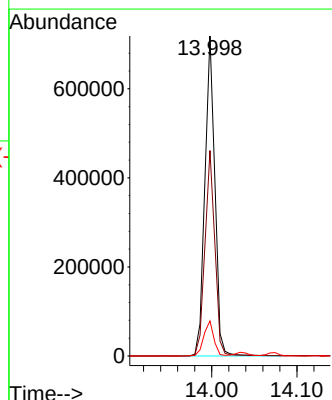
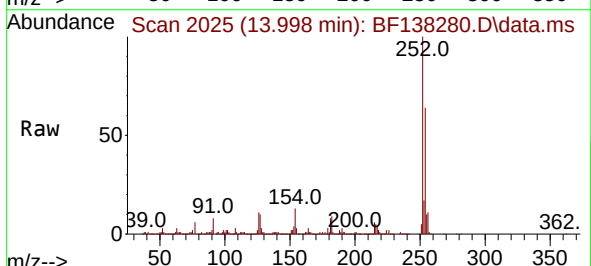
Tgt Ion:252 Resp: 585226

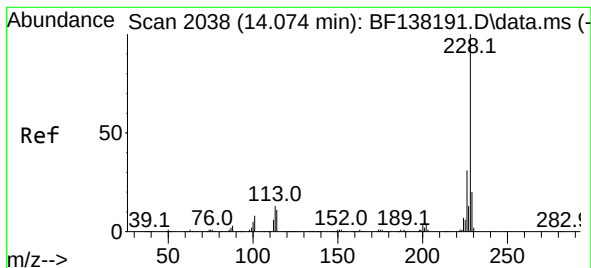
Ion Ratio Lower Upper

252 100

254 64.2 51.8 77.6

126 11.0 8.3 12.5





#83

Chrysene

Concen: 42.485 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.000 min

Lab File: BF138280.D

Acq: 21 Jun 2024 12:20

Instrument :

BNA_F

ClientSampleId :

PB161600BS

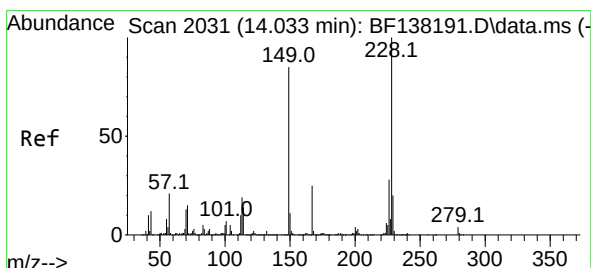
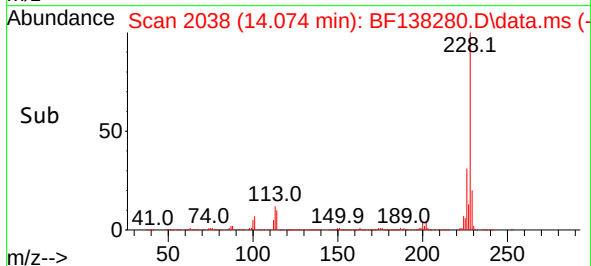
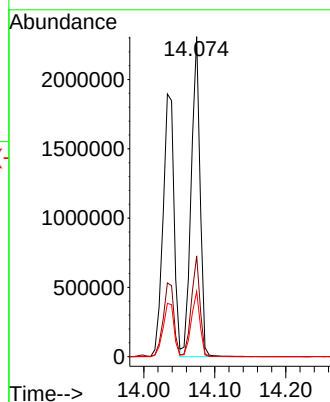
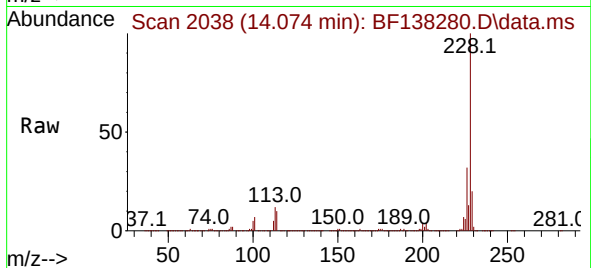
Tgt Ion:228 Resp: 1990226

Ion Ratio Lower Upper

228 100

226 31.5 24.5 36.7

229 20.4 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.126 ng

RT: 14.021 min Scan# 2029

Delta R.T. -0.012 min

Lab File: BF138280.D

Acq: 21 Jun 2024 12:20

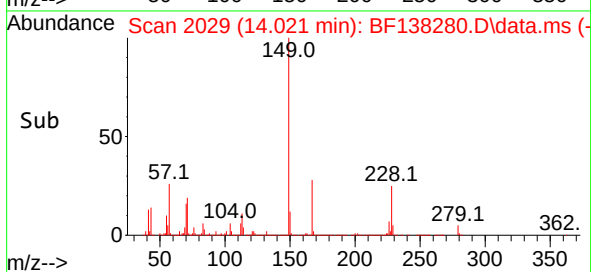
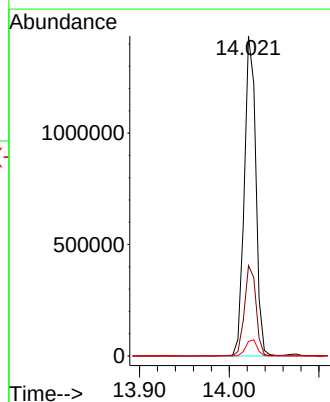
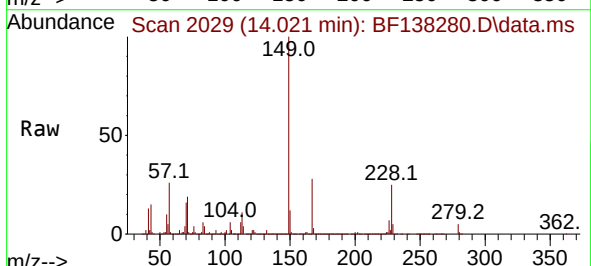
Tgt Ion:149 Resp: 1277786

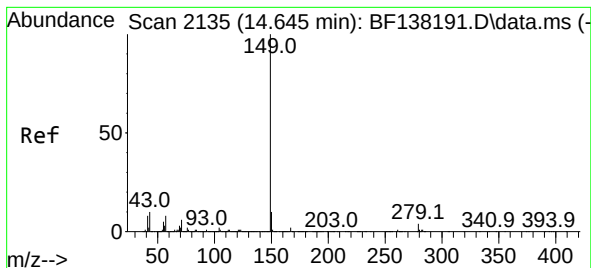
Ion Ratio Lower Upper

149 100

167 28.2 23.5 35.3

279 4.5 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 66.524 ng

RT: 14.639 min Scan# 2135

Delta R.T. -0.006 min

Lab File: BF138280.D

Acq: 21 Jun 2024 12:20

Instrument :

BNA_F

ClientSampleId :

PB161600BS

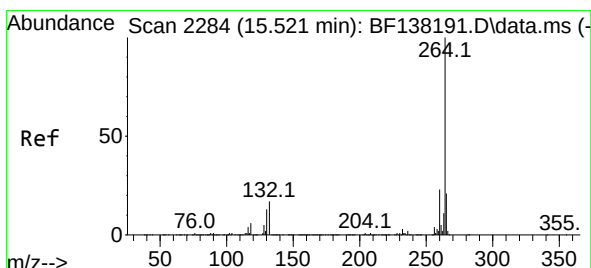
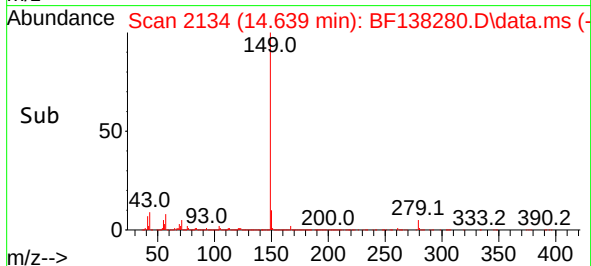
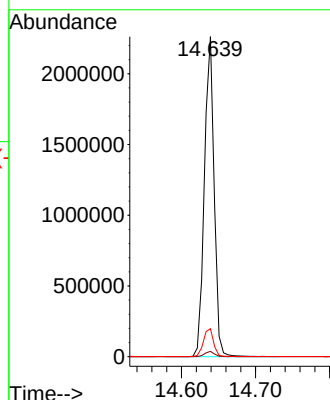
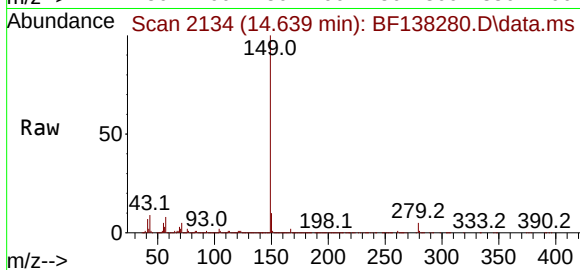
Tgt Ion:149 Resp: 2065910

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.1 7.8 11.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.515 min Scan# 2283

Delta R.T. -0.006 min

Lab File: BF138280.D

Acq: 21 Jun 2024 12:20

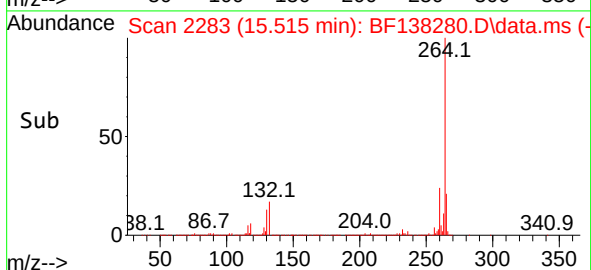
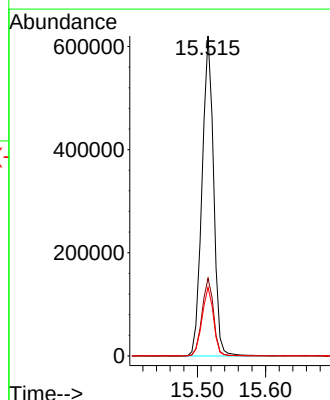
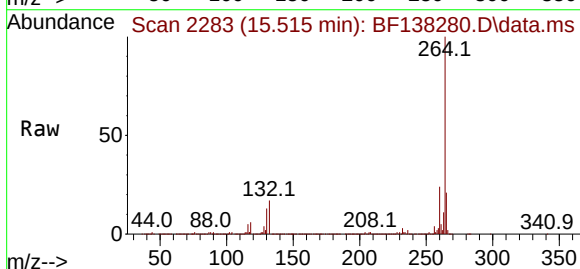
Tgt Ion:264 Resp: 729682

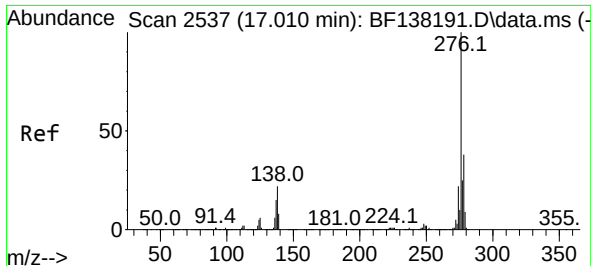
Ion Ratio Lower Upper

264 100

260 24.3 18.7 28.1

265 21.4 17.0 25.6

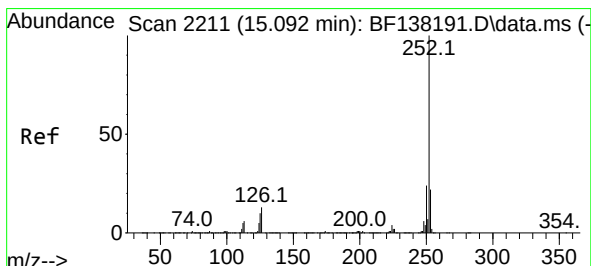
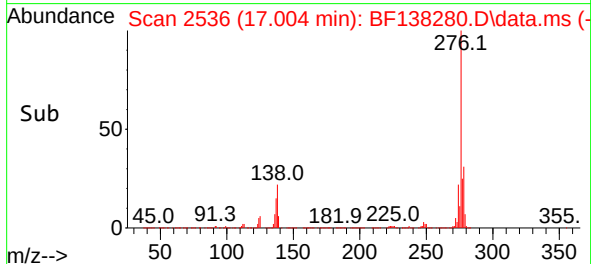
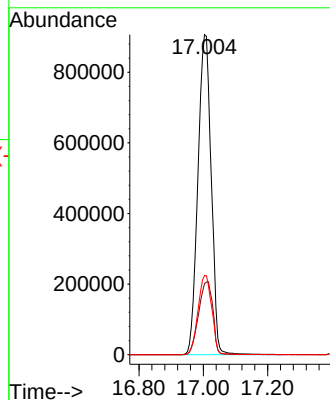
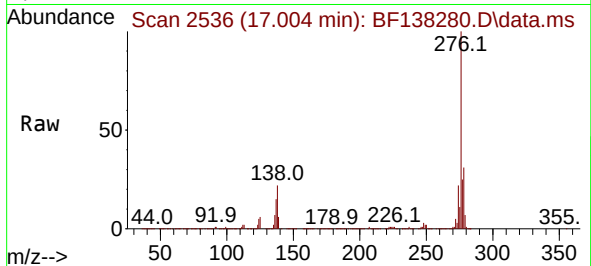




#87
Indeno(1,2,3-cd)pyrene
Concen: 54.499 ng
RT: 17.004 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138280.D
Acq: 21 Jun 2024 12:20

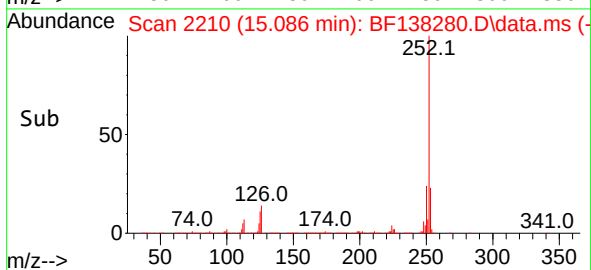
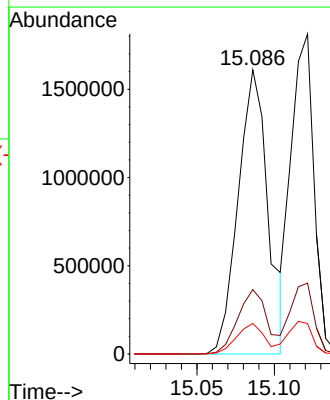
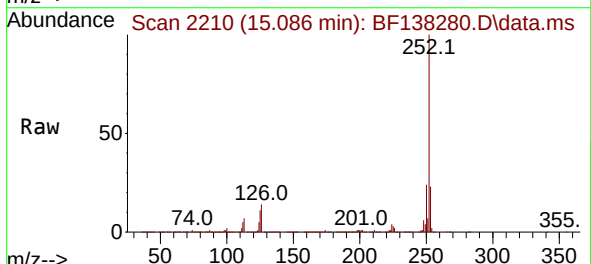
Instrument :
BNA_F
ClientSampleId :
PB161600BS

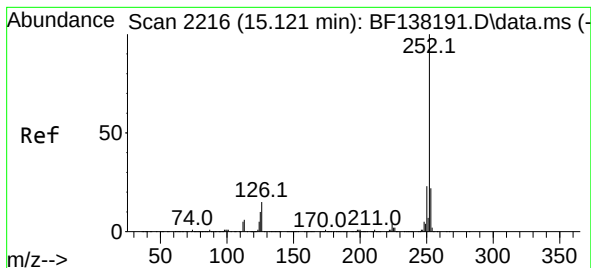
Tgt Ion:276 Resp: 2592417
Ion Ratio Lower Upper
276 100
138 24.6 19.3 28.9
277 25.6 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 50.123 ng
RT: 15.086 min Scan# 2210
Delta R.T. -0.006 min
Lab File: BF138280.D
Acq: 21 Jun 2024 12:20

Tgt Ion:252 Resp: 2156820
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 10.7 7.8 11.8





#89

Benzo(k)fluoranthene

Concen: 44.601 ng

RT: 15.121 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF138280.D

Acq: 21 Jun 2024 12:20

Instrument :

BNA_F

ClientSampleId :

PB161600BS

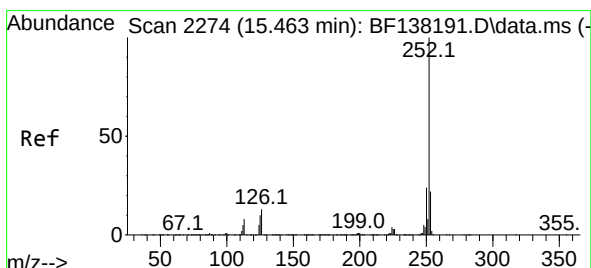
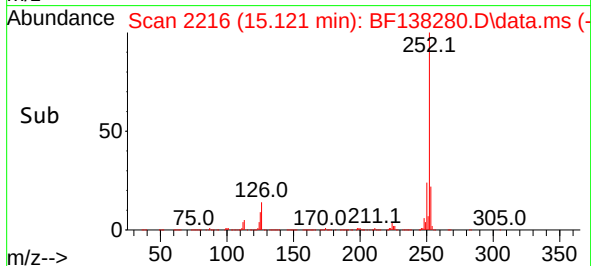
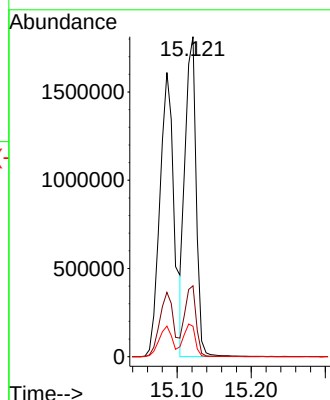
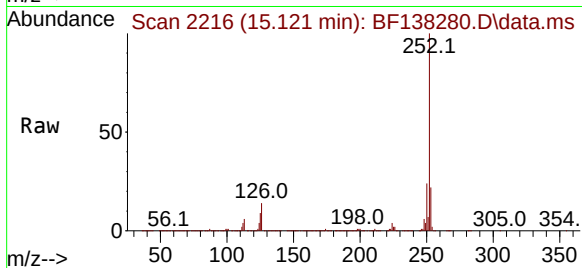
Tgt Ion:252 Resp: 1880846

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 9.5 8.0 12.0



#90

Benzo(a)pyrene

Concen: 51.003 ng

RT: 15.457 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF138280.D

Acq: 21 Jun 2024 12:20

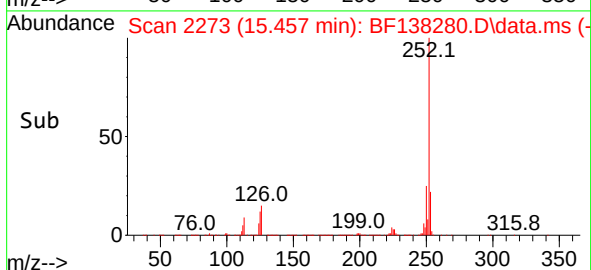
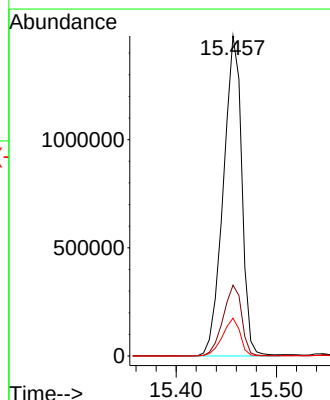
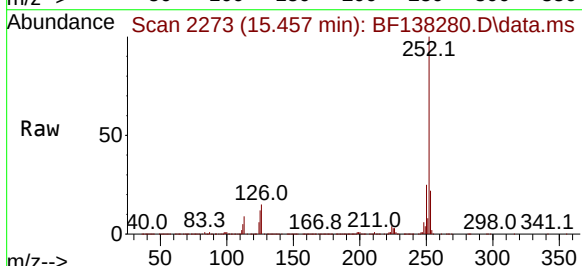
Tgt Ion:252 Resp: 1885448

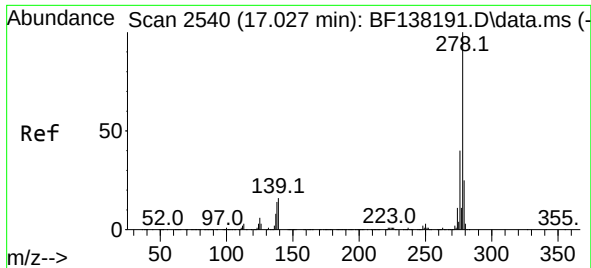
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 11.8 8.2 12.2

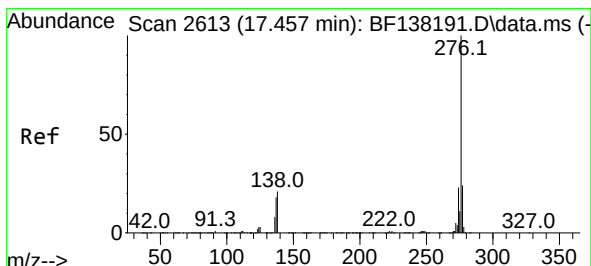
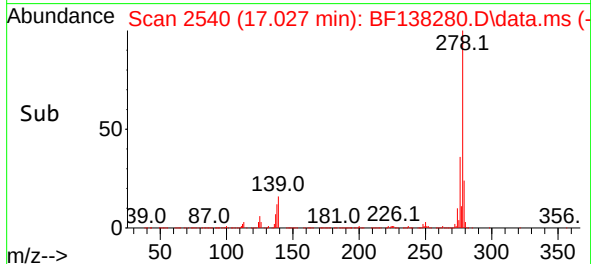
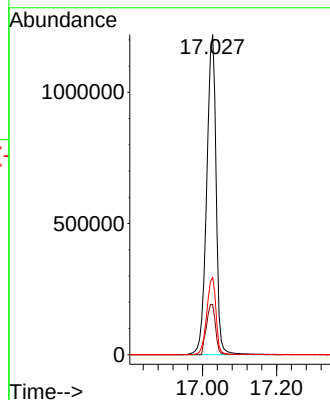
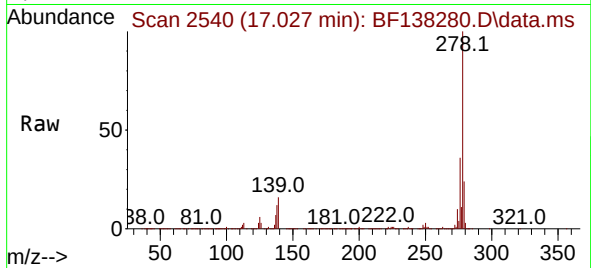




#91
 Dibenzo(a,h)anthracene
 Concen: 55.159 ng
 RT: 17.027 min Scan# 2540
 Delta R.T. -0.000 min
 Lab File: BF138280.D
 Acq: 21 Jun 2024 12:20

Instrument :
 BNA_F
 ClientSampleId :
 PB161600BS

Tgt Ion:278 Resp: 2153653
 Ion Ratio Lower Upper
 278 100
 139 15.7 12.9 19.3
 279 24.1 19.9 29.9



#92
 Benzo(g,h,i)perylene
 Concen: 51.388 ng
 RT: 17.456 min Scan# 2613
 Delta R.T. -0.000 min
 Lab File: BF138280.D
 Acq: 21 Jun 2024 12:20

Tgt Ion:276 Resp: 2075656
 Ion Ratio Lower Upper
 276 100
 277 23.9 19.5 29.3
 138 21.6 16.6 24.8

