

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052324\
 Data File : BF138020.D
 Acq On : 23 May 2024 11:21
 Operator : CG\JU
 Sample : PB161055BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161055BS

Quant Time: May 23 11:56:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	159557	20.000	ng	-0.01
21) Naphthalene-d8	8.322	136	634354	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	360690	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	631196	20.000	ng	0.00
76) Chrysene-d12	14.233	240	354682	20.000	ng	0.00
86) Perylene-d12	15.798	264	306386	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	1085622	115.575	ng	0.01
7) Phenol-d6	6.657	99	1347805	116.482	ng	0.00
23) Nitrobenzene-d5	7.604	82	827658	76.784	ng	0.00
42) 2,4,6-Tribromophenol	10.880	330	472751	129.990	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1776940	75.887	ng	0.00
79) Terphenyl-d14	13.168	244	1955763	81.267	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.040	88	126984	31.206	ng	97
3) Pyridine	3.787	79	317553	34.780	ng	100
4) n-Nitrosodimethylamine	3.751	42	164568	40.857	ng	94
6) Aniline	6.698	93	350129	33.831	ng	99
8) 2-Chlorophenol	6.822	128	439953	43.280	ng	99
9) Benzaldehyde	6.592	77	363366	58.044	ng	99
10) Phenol	6.675	94	508361	43.527	ng	93
11) bis(2-Chloroethyl)ether	6.769	93	381838	42.580	ng	98
12) 1,3-Dichlorobenzene	6.975	146	460924	39.190	ng	98
13) 1,4-Dichlorobenzene	7.051	146	467514	39.601	ng	98
14) 1,2-Dichlorobenzene	7.204	146	450340	40.531	ng	99
15) Benzyl Alcohol	7.175	79	356788	46.177	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.298	45	475066	43.097	ng	98
17) 2-Methylphenol	7.281	107	352365	43.466	ng	97
18) Hexachloroethane	7.551	117	159891	40.024	ng	96
19) n-Nitroso-di-n-propyla...	7.445	70	282860	43.512	ng	98
20) 3+4-Methylphenols	7.428	107	444998	41.901	ng	93
22) Acetophenone	7.445	105	584360	41.121	ng	# 98
24) Nitrobenzene	7.622	77	426883	39.038	ng	99
25) Isophorone	7.857	82	785882	42.008	ng	98
26) 2-Nitrophenol	7.933	139	242445	44.125	ng	99
27) 2,4-Dimethylphenol	7.957	122	315593	44.613	ng	98
28) bis(2-Chloroethoxy)met...	8.057	93	476803	42.052	ng	99
29) 2,4-Dichlorophenol	8.175	162	381970	42.939	ng	97
30) 1,2,4-Trichlorobenzene	8.257	180	394009	39.670	ng	99
31) Naphthalene	8.345	128	1264611	39.649	ng	100
32) Benzoic acid	8.086	122	285927	47.815	ng	99
33) 4-Chloroaniline	8.386	127	217606	20.812	ng	98
34) Hexachlorobutadiene	8.451	225	239465	38.091	ng	99
35) Caprolactam	8.769	113	77023	29.886	ng	96
36) 4-Chloro-3-methylphenol	8.863	107	393917	43.531	ng	97
37) 2-Methylnaphthalene	9.039	142	846609	41.293	ng	99
38) 1-Methylnaphthalene	9.139	142	788154	39.103	ng	99
40) 1,2,4,5-Tetrachloroben...	9.204	216	405322	41.335	ng	99
41) Hexachlorocyclopentadiene	9.186	237	405833	108.921	ng	99
43) 2,4,6-Trichlorophenol	9.310	196	279477	43.469	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052324\
 Data File : BF138020.D
 Acq On : 23 May 2024 11:21
 Operator : CG\JU
 Sample : PB161055BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161055BS

Quant Time: May 23 11:56:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

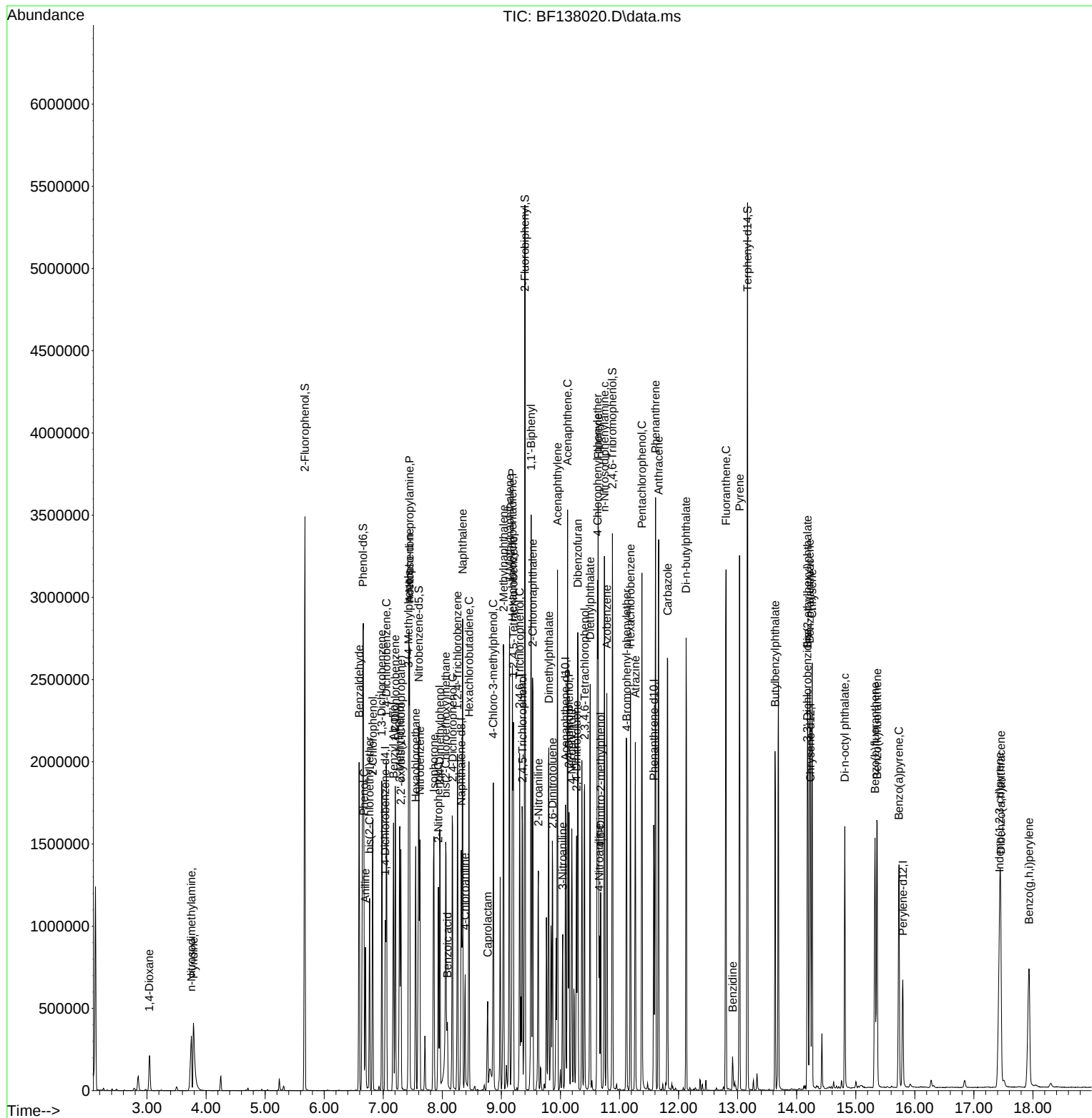
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.357	196	298965	42.498	ng	99
46) 1,1'-Biphenyl	9.504	154	1037740	41.020	ng	99
47) 2-Chloronaphthalene	9.533	162	806371	39.930	ng	100
48) 2-Nitroaniline	9.627	65	227759	44.042	ng	90
49) Acenaphthylene	9.951	152	1293817	44.557	ng	99
50) Dimethylphthalate	9.804	163	980547	43.352	ng	100
51) 2,6-Dinitrotoluene	9.869	165	222315	42.826	ng	88
52) Acenaphthene	10.122	154	869950	45.329	ng	99
53) 3-Nitroaniline	10.039	138	164799	32.473	ng	97
54) 2,4-Dinitrophenol	10.145	184	238454	84.588	ng	# 85
55) Dibenzofuran	10.292	168	1162551	41.622	ng	99
56) 4-Nitrophenol	10.192	139	341312	93.639	ng	98
57) 2,4-Dinitrotoluene	10.275	165	299004	44.554	ng	97
58) Fluorene	10.639	166	924382	41.842	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.410	232	251192	45.453	ng	99
60) Diethylphthalate	10.504	149	913024	43.222	ng	99
61) 4-Chlorophenyl-phenyle...	10.627	204	455912	41.846	ng	94
62) 4-Nitroaniline	10.657	138	202663	42.104	ng	100
63) Azobenzene	10.786	77	827285	43.056	ng	99
65) 4,6-Dinitro-2-methylph...	10.680	198	170587	46.806	ng	90
66) n-Nitrosodiphenylamine	10.745	169	795314	41.087	ng	99
67) 4-Bromophenyl-phenylether	11.121	248	289784	41.878	ng	91
68) Hexachlorobenzene	11.186	284	312178	40.813	ng	95
69) Atrazine	11.269	200	273898	51.819	ng	99
70) Pentachlorophenol	11.380	266	373973	83.467	ng	99
71) Phenanthrene	11.610	178	1292715	41.560	ng	99
72) Anthracene	11.663	178	1303690	42.243	ng	99
73) Carbazole	11.816	167	1171864	41.567	ng	99
74) Di-n-butylphthalate	12.127	149	1378707	44.067	ng	99
75) Fluoranthene	12.804	202	1305974	41.365	ng	99
77) Benzidine	12.916	184	93390	20.148	ng	98
78) Pyrene	13.033	202	1300504	41.922	ng	99
80) Butylbenzylphthalate	13.633	149	474625	50.724	ng	95
81) Benzo(a)anthracene	14.221	228	985696	43.927	ng	99
82) 3,3'-Dichlorobenzidine	14.180	252	212780	34.217	ng	99
83) Chrysene	14.262	228	919960	42.868	ng	99
84) Bis(2-ethylhexyl)phtha...	14.186	149	578936	49.219	ng	97
85) Di-n-octyl phthalate	14.815	149	800457	50.374	ng	99
87) Indeno(1,2,3-cd)pyrene	17.433	276	904918	45.971	ng	99
88) Benzo(b)fluoranthene	15.327	252	786048	44.310	ng	99
89) Benzo(k)fluoranthene	15.362	252	809143	46.428	ng	99
90) Benzo(a)pyrene	15.733	252	720487	47.563	ng	99
91) Dibenzo(a,h)anthracene	17.456	278	735752	45.239	ng	99
92) Benzo(g,h,i)perylene	17.933	276	701985	41.088	ng	99

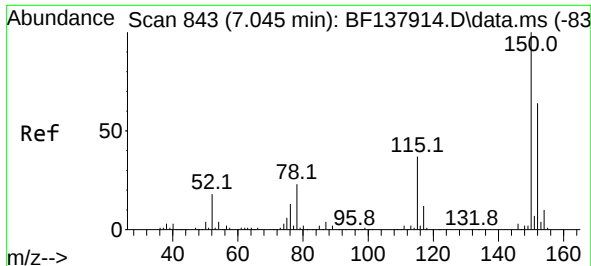
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052324\
Data File : BF138020.D
Acq On : 23 May 2024 11:21
Operator : CG\JU
Sample : PB161055BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB161055BS

Quant Time: May 23 11:56:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 15 04:12:16 2024
Response via : Initial Calibration

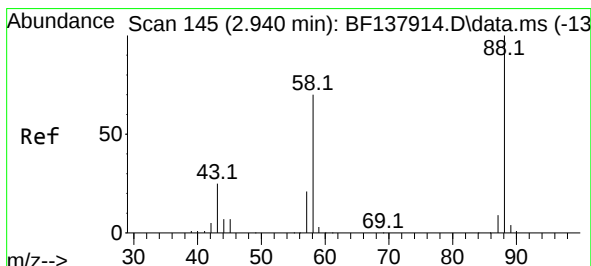
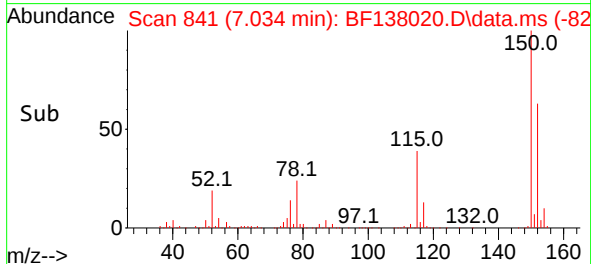
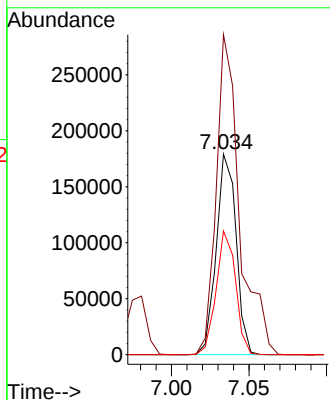
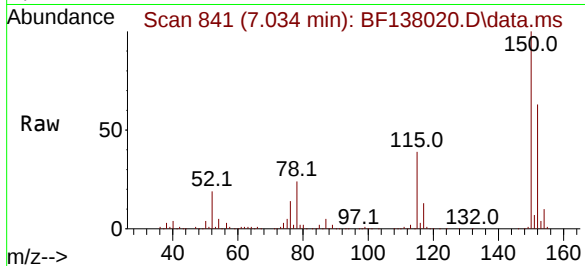




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 84
Delta R.T. -0.011 min
Lab File: BF138020.D
Acq: 23 May 2024 11:21

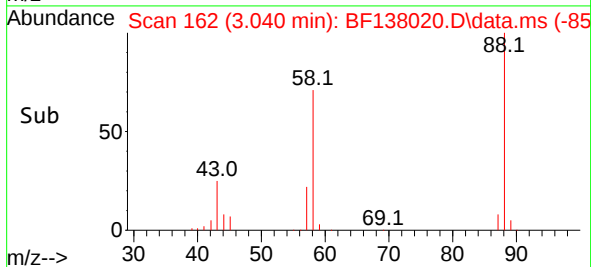
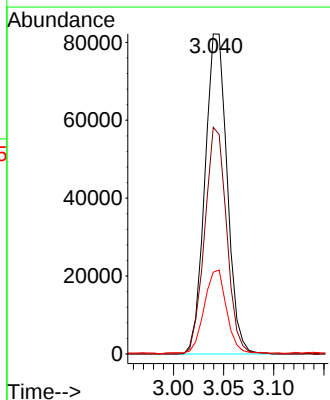
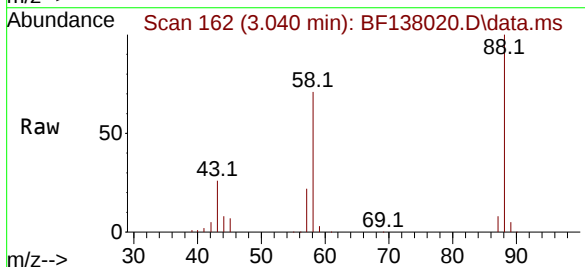
Instrument :
BNA_F
ClientSampleId :
PB161055BS

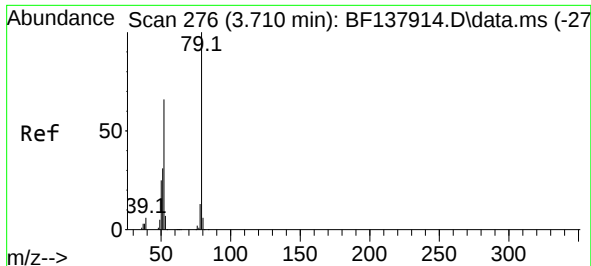
Tgt Ion:152 Resp: 159557
Ion Ratio Lower Upper
152 100
150 159.5 125.7 188.5
115 61.6 47.0 70.6



#2
1,4-Dioxane
Concen: 31.206 ng
RT: 3.040 min Scan# 162
Delta R.T. 0.100 min
Lab File: BF138020.D
Acq: 23 May 2024 11:21

Tgt Ion: 88 Resp: 126984
Ion Ratio Lower Upper
88 100
58 70.0 54.4 81.6
43 27.1 19.6 29.4

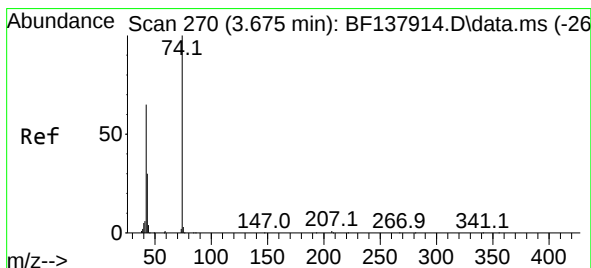
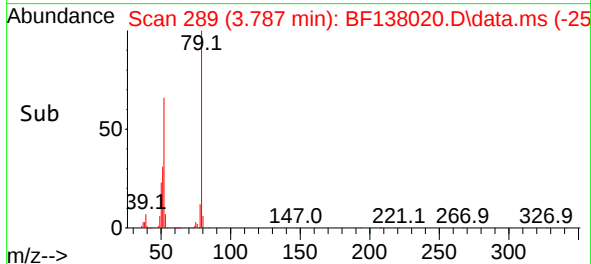
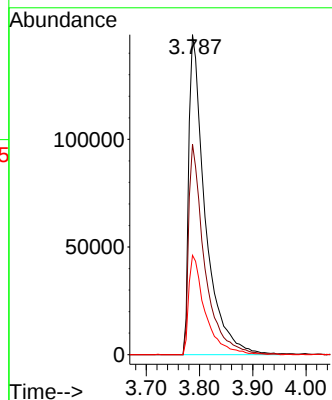
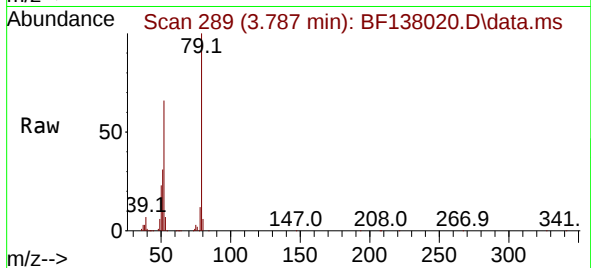




#3
Pyridine
Concen: 34.780 ng
RT: 3.787 min Scan# 21
Delta R.T. 0.076 min
Lab File: BF138020.D
Acq: 23 May 2024 11:21

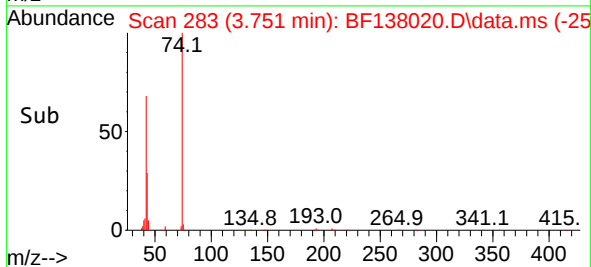
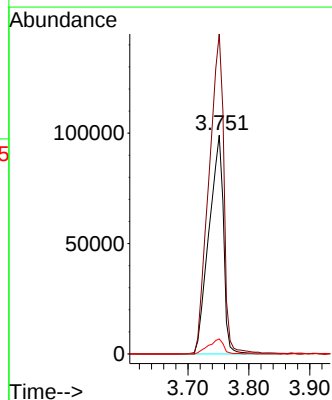
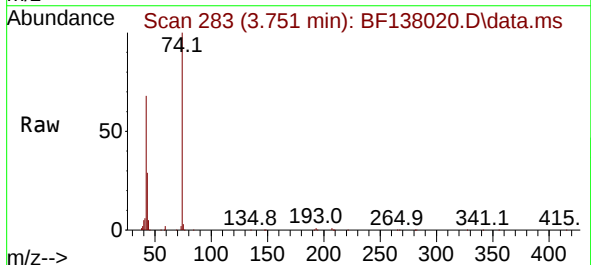
Instrument :
BNA_F
ClientSampleId :
PB161055BS

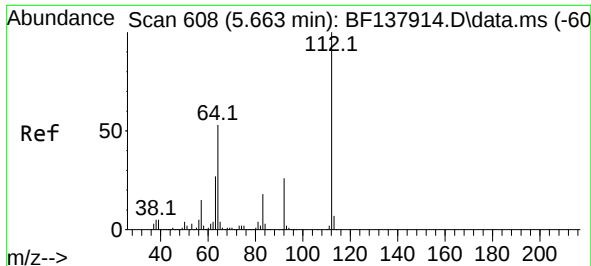
Tgt Ion: 79 Resp: 317553
Ion Ratio Lower Upper
79 100
52 65.8 52.5 78.7
51 31.1 25.1 37.7



#4
n-Nitrosodimethylamine
Concen: 40.857 ng
RT: 3.751 min Scan# 283
Delta R.T. 0.076 min
Lab File: BF138020.D
Acq: 23 May 2024 11:21

Tgt Ion: 42 Resp: 164568
Ion Ratio Lower Upper
42 100
74 146.3 123.1 184.7
44 6.9 5.0 7.6

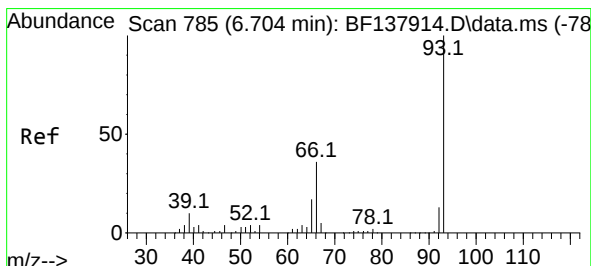
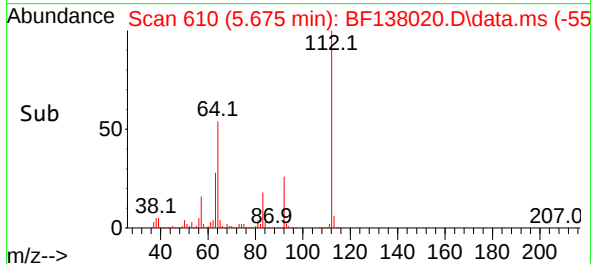
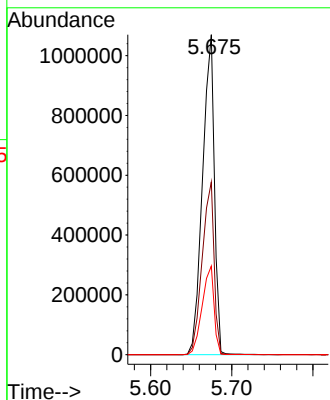
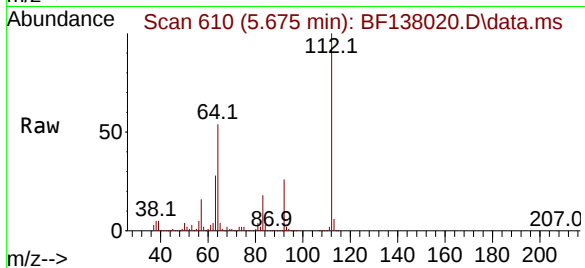




#5
2-Fluorophenol
Concen: 115.575 ng
RT: 5.675 min Scan# 61
Delta R.T. 0.012 min
Lab File: BF138020.D
Acq: 23 May 2024 11:21

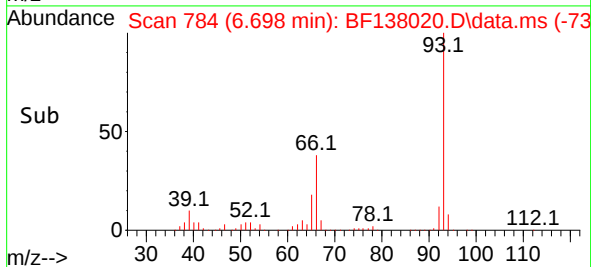
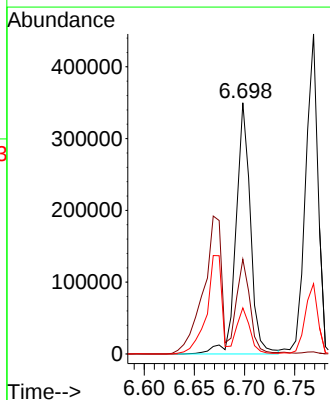
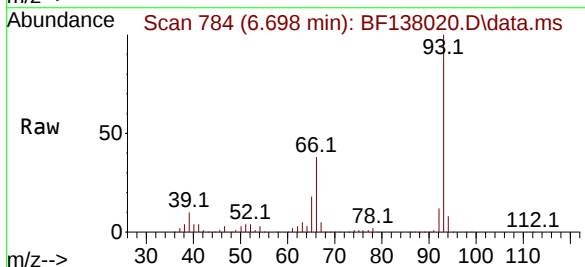
Instrument :
BNA_F
ClientSampleId :
PB161055BS

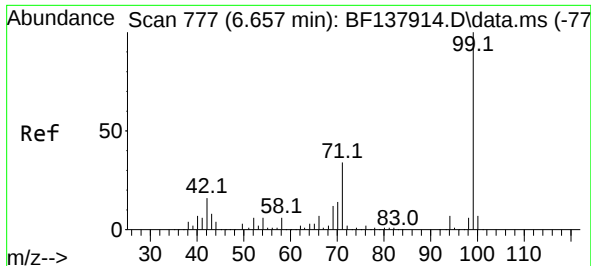
Tgt Ion:112 Resp: 1085622
Ion Ratio Lower Upper
112 100
64 54.0 42.4 63.6
63 27.7 21.4 32.2



#6
Aniline
Concen: 33.831 ng
RT: 6.698 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF138020.D
Acq: 23 May 2024 11:21

Tgt Ion: 93 Resp: 350129
Ion Ratio Lower Upper
93 100
66 37.7 30.7 46.1
65 18.4 15.0 22.4



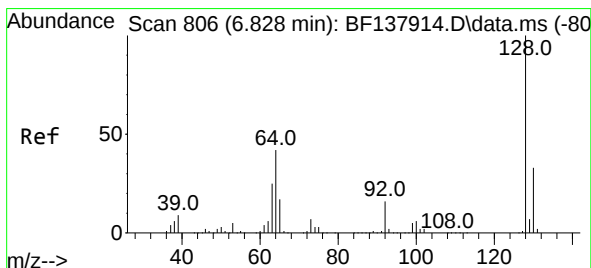
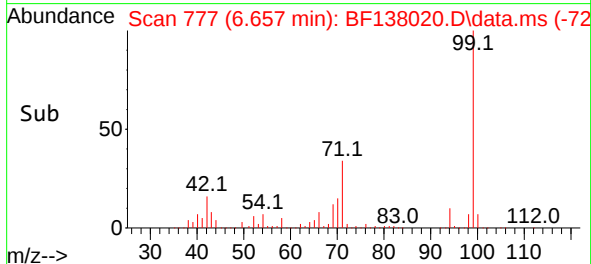
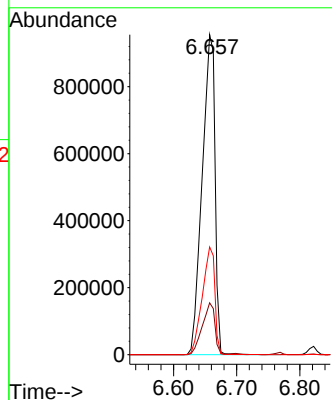
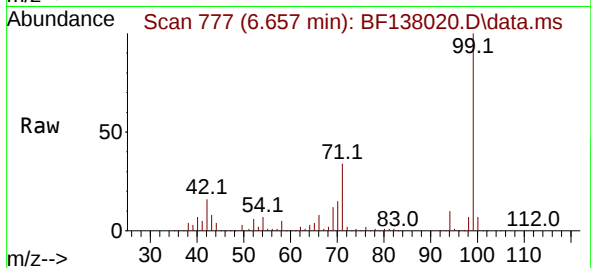


#7
Phenol-d6
Concen: 116.482 ng
RT: 6.657 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF138020.D
Acq: 23 May 2024 11:21

Instrument :
BNA_F
ClientSampleId :
PB161055BS

Tgt Ion: 99 Resp: 1347805

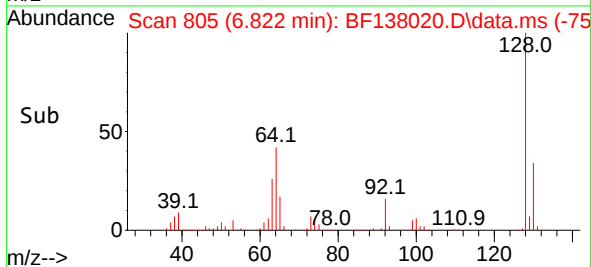
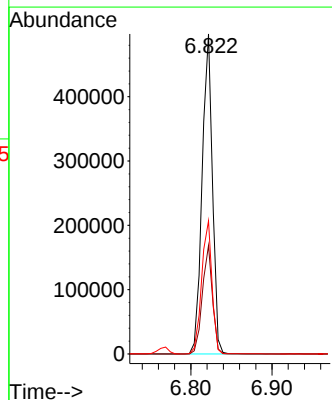
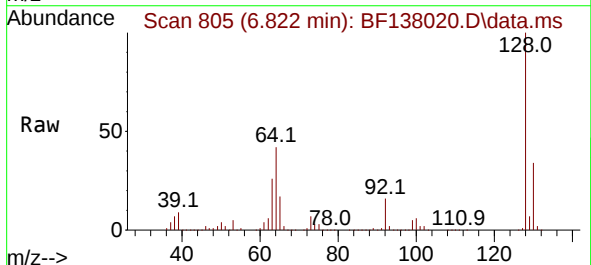
Ion	Ratio	Lower	Upper
99	100		
42	16.2	12.6	18.8
71	33.7	27.1	40.7



#8
2-Chlorophenol
Concen: 43.280 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF138020.D
Acq: 23 May 2024 11:21

Tgt Ion:128 Resp: 439953

Ion	Ratio	Lower	Upper
128	100		
130	33.9	12.8	52.8
64	41.6	22.2	62.2

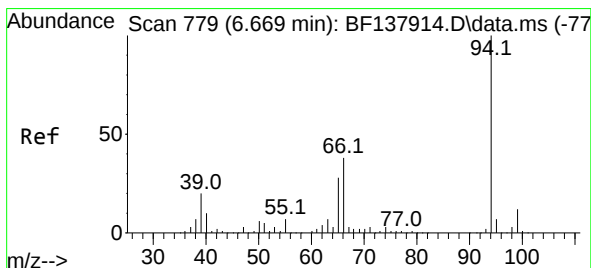
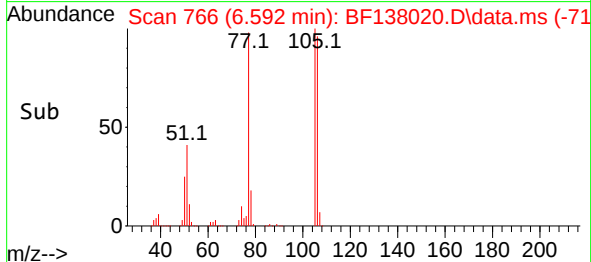
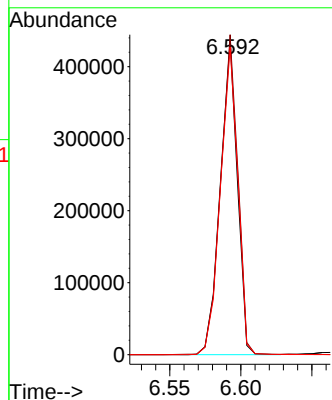
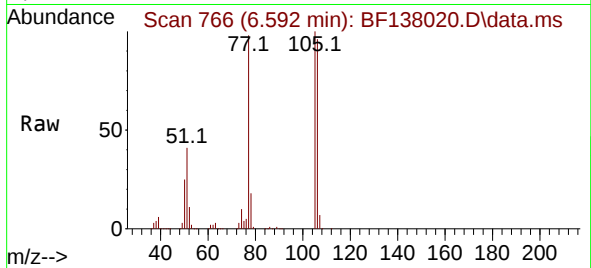




#9
Benzaldehyde
Concen: 58.044 ng
RT: 6.592 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF138020.D
Acq: 23 May 2024 11:21

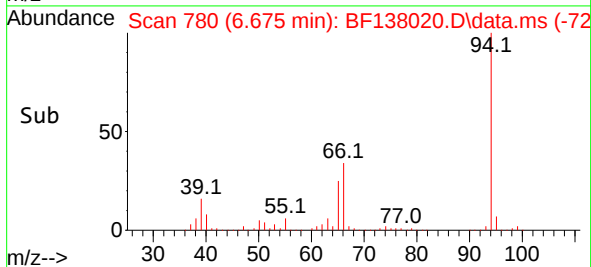
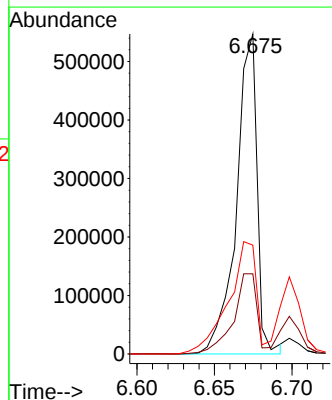
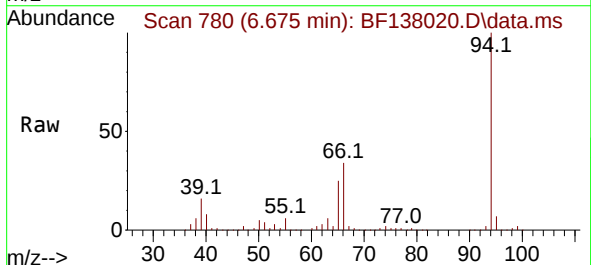
Instrument :
BNA_F
ClientSampleId :
PB161055BS

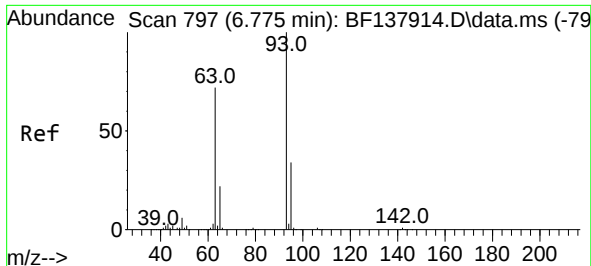
Tgt Ion: 77 Resp: 363366
Ion Ratio Lower Upper
77 100
105 101.7 82.3 122.3
106 97.7 79.2 119.2



#10
Phenol
Concen: 43.527 ng
RT: 6.675 min Scan# 780
Delta R.T. 0.006 min
Lab File: BF138020.D
Acq: 23 May 2024 11:21

Tgt Ion: 94 Resp: 508361
Ion Ratio Lower Upper
94 100
65 25.0 7.8 47.8
66 34.0 18.6 58.6

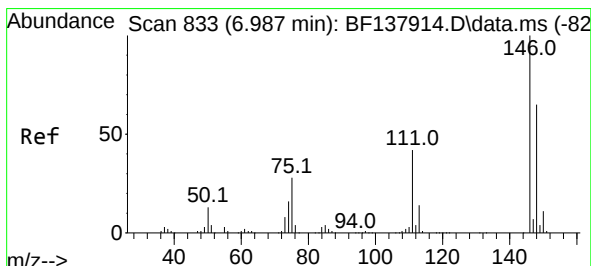
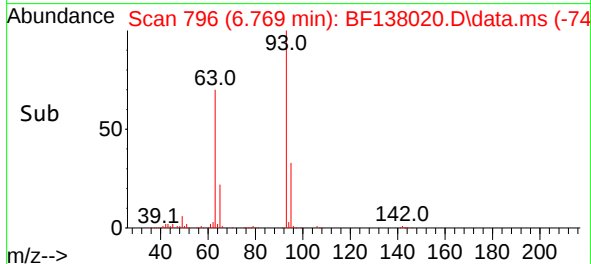
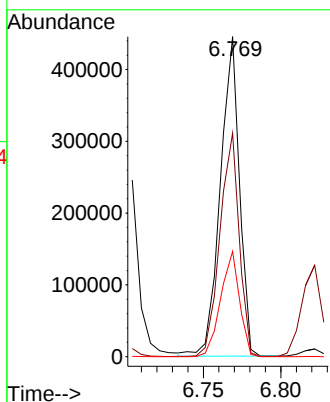
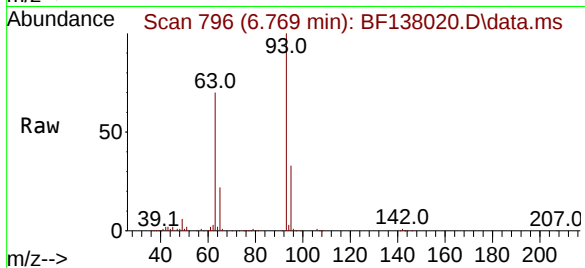




#11
bis(2-Chloroethyl)ether
Concen: 42.580 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF138020.D
Acq: 23 May 2024 11:21

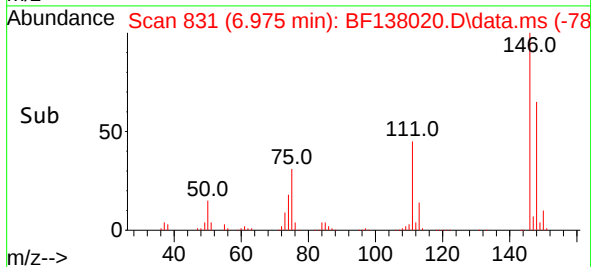
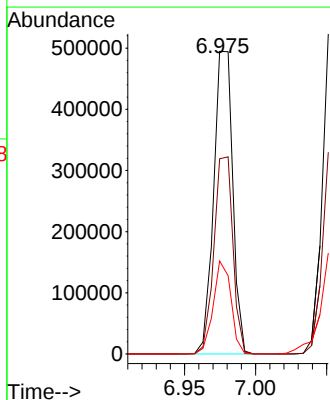
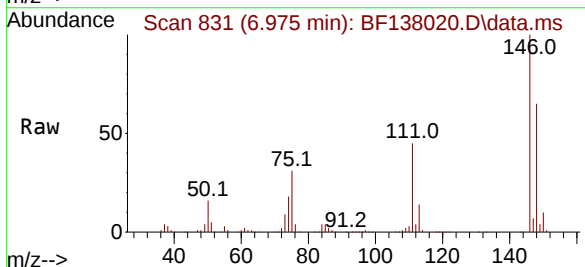
Instrument :
BNA_F
ClientSampleId :
PB161055BS

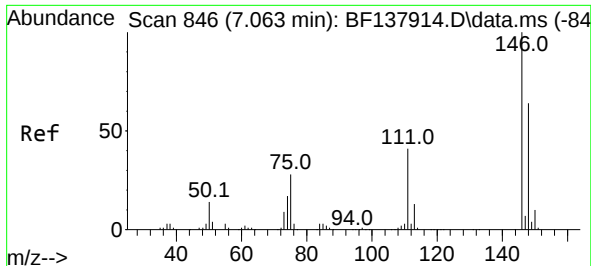
Tgt Ion: 93 Resp: 381838
Ion Ratio Lower Upper
93 100
63 69.9 51.4 91.4
95 32.9 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 39.190 ng
RT: 6.975 min Scan# 831
Delta R.T. -0.012 min
Lab File: BF138020.D
Acq: 23 May 2024 11:21

Tgt Ion: 146 Resp: 460924
Ion Ratio Lower Upper
146 100
148 64.6 51.7 77.5
75 30.7 22.4 33.6





#13

1,4-Dichlorobenzene

Concen: 39.601 ng

RT: 7.051 min Scan# 84

Delta R.T. -0.012 min

Lab File: BF138020.D

Acq: 23 May 2024 11:21

Instrument :

BNA_F

ClientSampleId :

PB161055BS

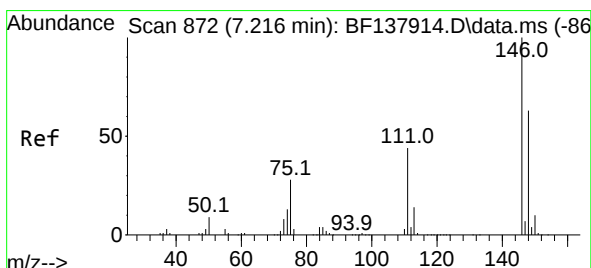
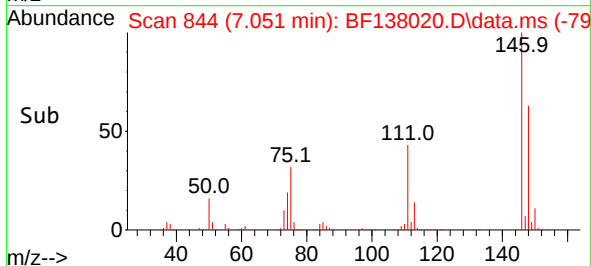
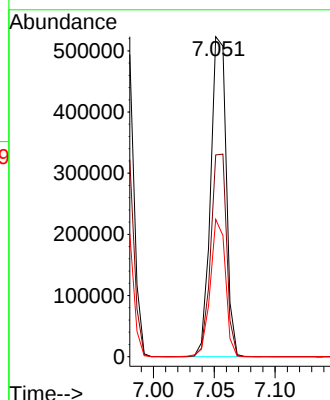
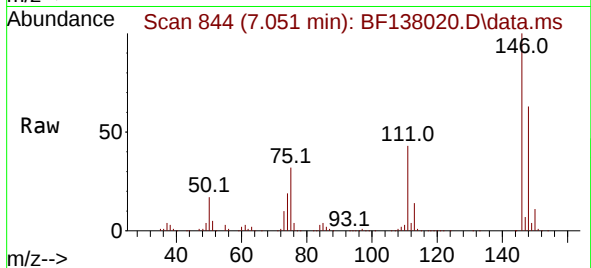
Tgt Ion:146 Resp: 467514

Ion Ratio Lower Upper

146 100

148 63.0 51.0 76.6

111 42.9 32.5 48.7



#14

1,2-Dichlorobenzene

Concen: 40.531 ng

RT: 7.204 min Scan# 870

Delta R.T. -0.012 min

Lab File: BF138020.D

Acq: 23 May 2024 11:21

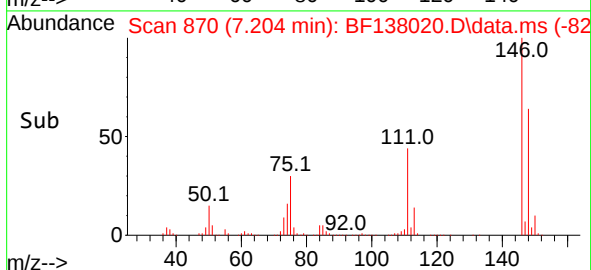
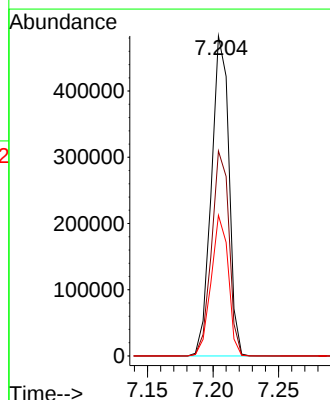
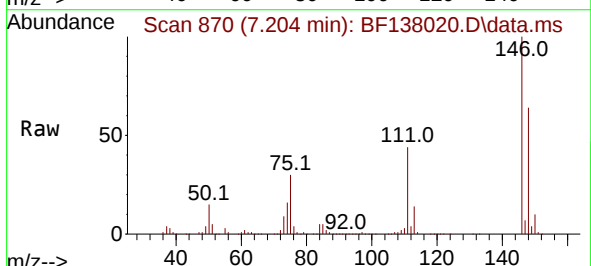
Tgt Ion:146 Resp: 450340

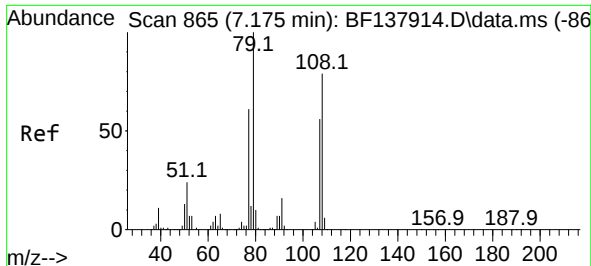
Ion Ratio Lower Upper

146 100

148 64.0 50.2 75.4

111 43.9 35.1 52.7

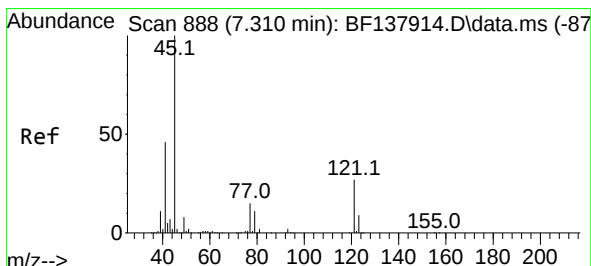
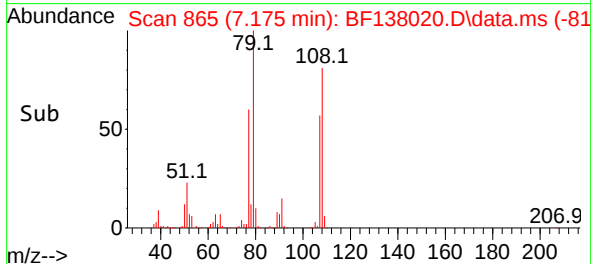
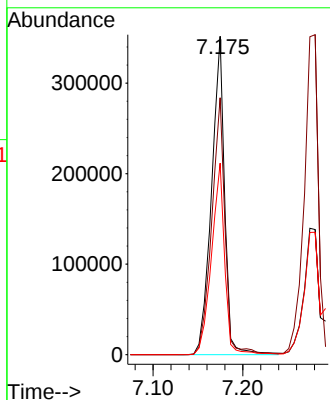
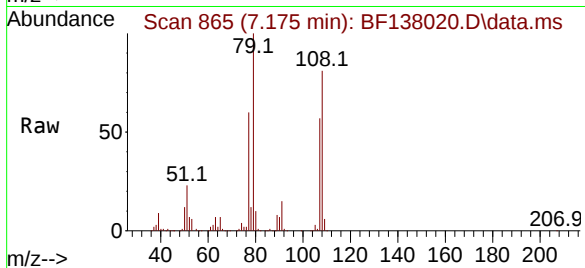




#15
Benzyl Alcohol
Concen: 46.177 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.000 min
Lab File: BF138020.D
Acq: 23 May 2024 11:21

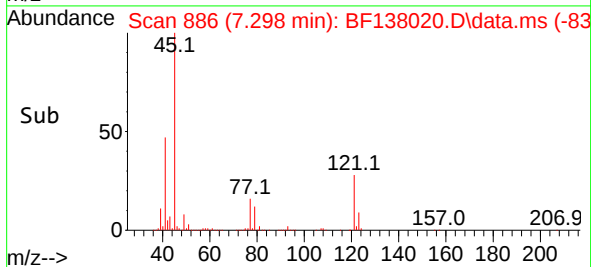
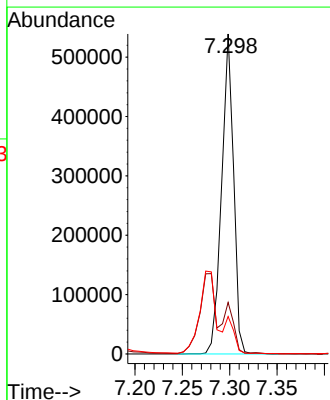
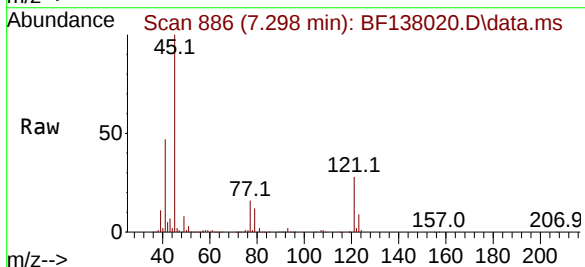
Instrument :
BNA_F
ClientSampleId :
PB161055BS

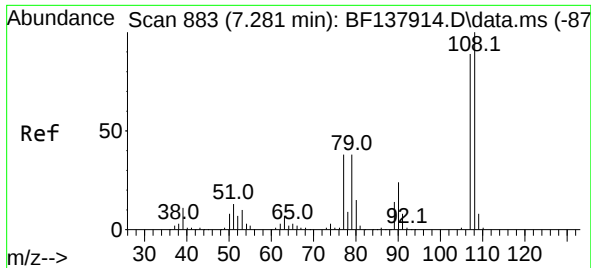
Tgt Ion: 79 Resp: 356788
Ion Ratio Lower Upper
79 100
108 80.7 62.8 94.2
77 60.1 48.7 73.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.097 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.012 min
Lab File: BF138020.D
Acq: 23 May 2024 11:21

Tgt Ion: 45 Resp: 475066
Ion Ratio Lower Upper
45 100
77 16.1 0.0 35.3
79 11.7 0.0 32.1

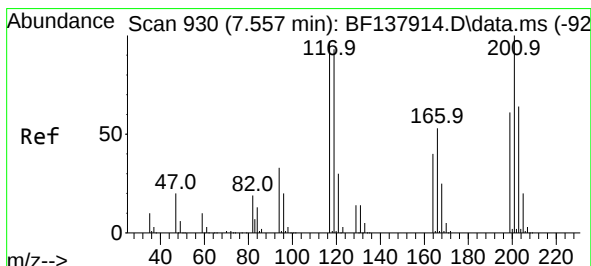
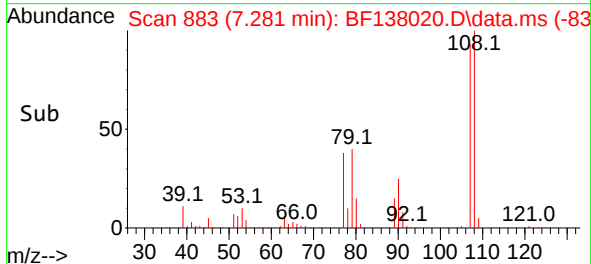
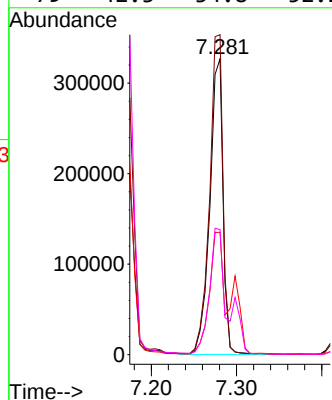
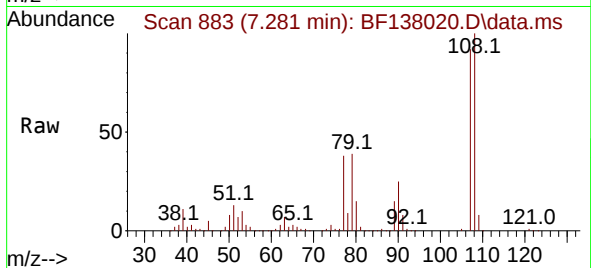




#17
2-Methylphenol
Concen: 43.466 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF138020.D
Acq: 23 May 2024 11:21

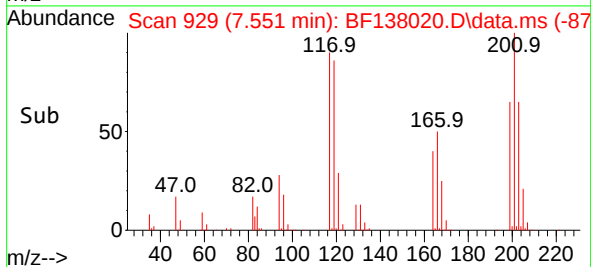
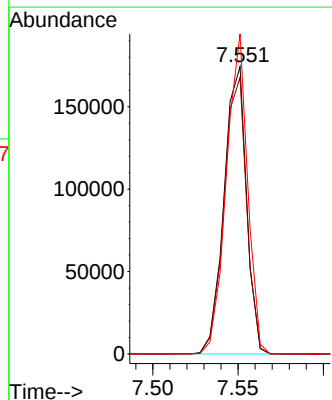
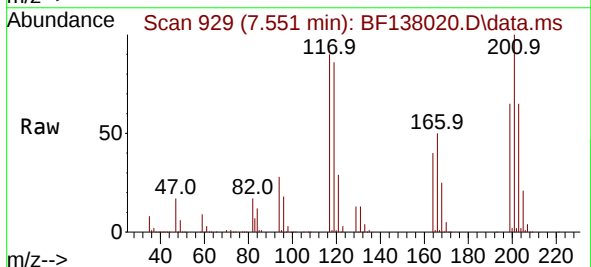
Instrument :
BNA_F
ClientSampleId :
PB161055BS

Tgt Ion:	107	Resp:	352365
Ion	Ratio	Lower	Upper
107	100		
108	108.2	90.1	135.1
77	41.4	34.3	51.5
79	42.3	34.8	52.2



#18
Hexachloroethane
Concen: 40.024 ng
RT: 7.551 min Scan# 929
Delta R.T. -0.006 min
Lab File: BF138020.D
Acq: 23 May 2024 11:21

Tgt Ion:	117	Resp:	159891
Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.8	115.2
201	111.3	82.7	124.1

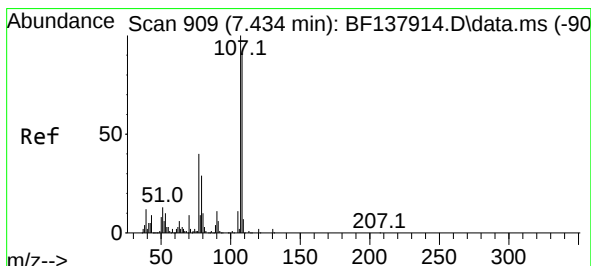
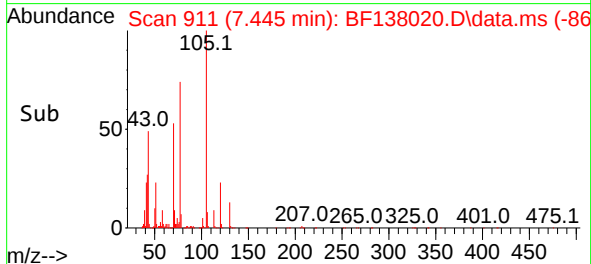
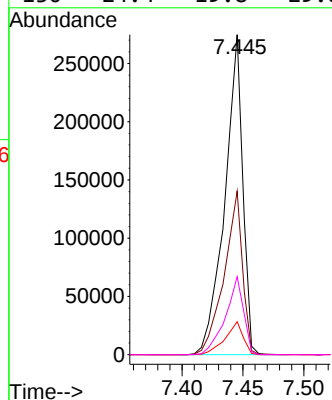
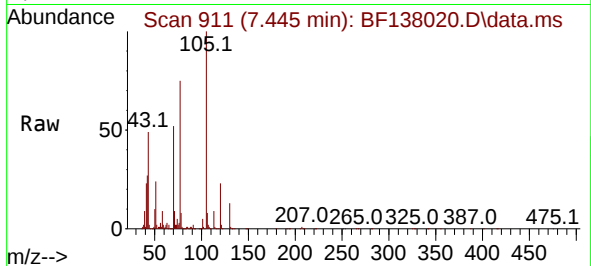




#19
n-Nitroso-di-n-propylamine
Concen: 43.512 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF138020.D
Acq: 23 May 2024 11:21

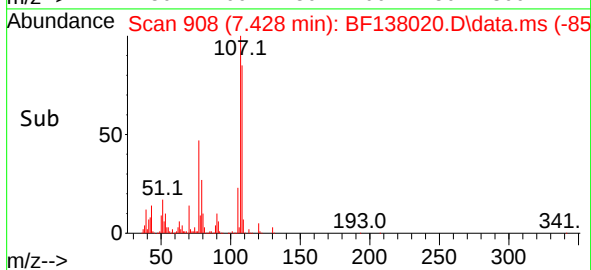
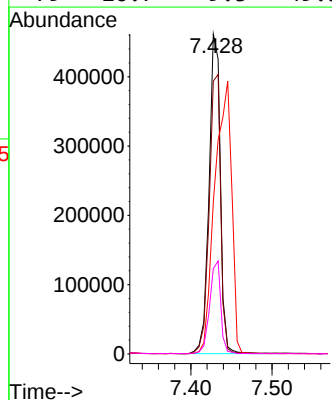
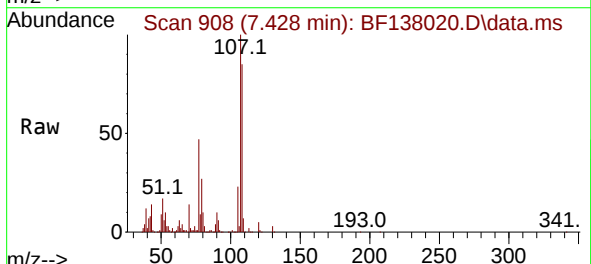
Instrument :
BNA_F
ClientSampleId :
PB161055BS

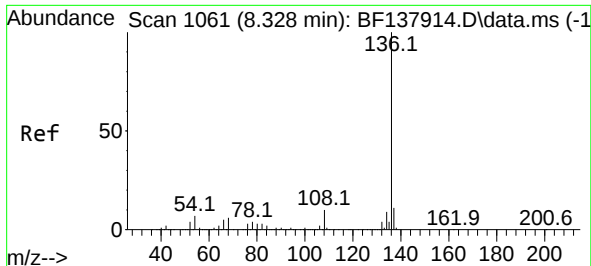
Tgt Ion: 70 Resp: 282860
Ion Ratio Lower Upper
70 100
42 51.1 42.2 63.4
101 10.3 8.8 13.2
130 24.4 19.8 29.8



#20
3+4-Methylphenols
Concen: 41.901 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF138020.D
Acq: 23 May 2024 11:21

Tgt Ion: 107 Resp: 444998
Ion Ratio Lower Upper
107 100
108 85.2 70.8 110.8
77 47.4 20.2 60.2
79 26.7 9.3 49.3

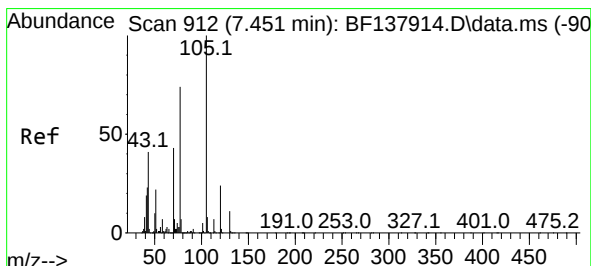
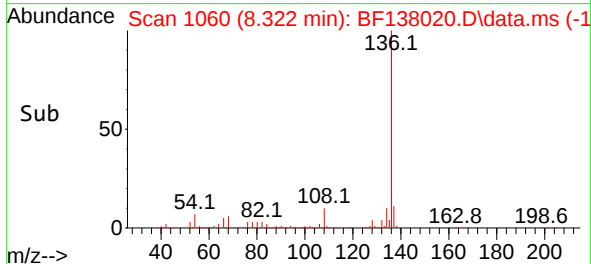
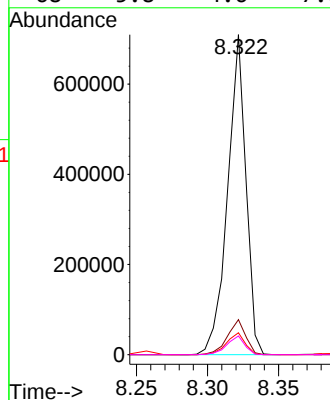
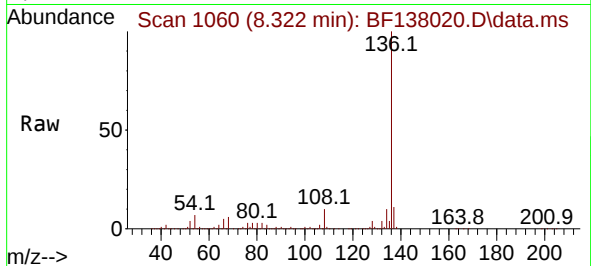




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1060
Delta R.T. -0.006 min
Lab File: BF138020.D
Acq: 23 May 2024 11:21

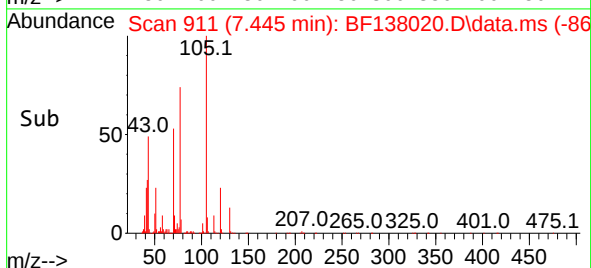
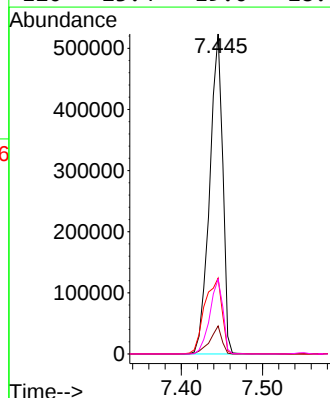
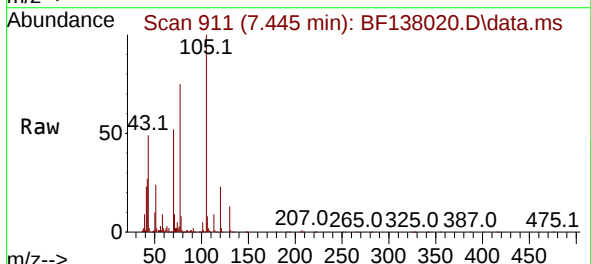
Instrument :
BNA_F
ClientSampleId :
PB161055BS

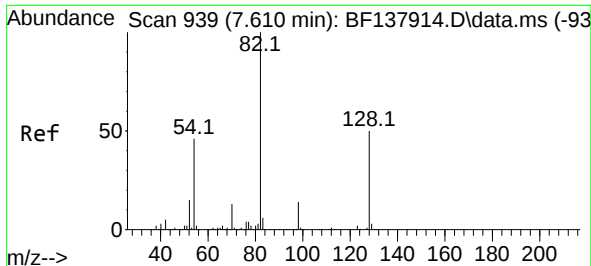
Tgt Ion:136 Resp: 634354
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 6.9 5.4 8.2
68 5.8 4.6 7.0



#22
Acetophenone
Concen: 41.121 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF138020.D
Acq: 23 May 2024 11:21

Tgt Ion:105 Resp: 584360
Ion Ratio Lower Upper
105 100
71 8.7 5.7 8.5#
51 23.7 17.8 26.8
120 23.4 19.0 28.6





#23

Nitrobenzene-d5

Concen: 76.784 ng

RT: 7.604 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF138020.D

Acq: 23 May 2024 11:21

Instrument :

BNA_F

ClientSampleId :

PB161055BS

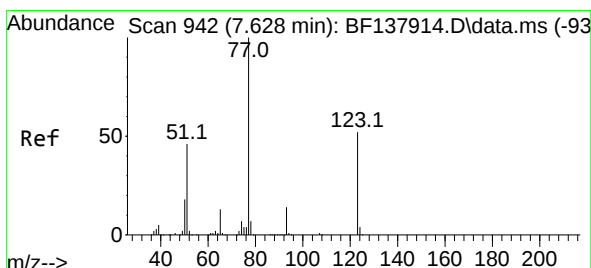
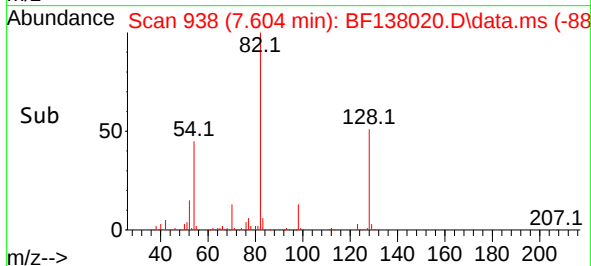
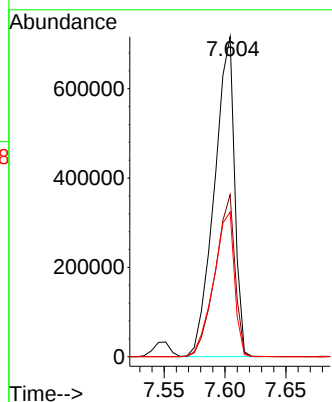
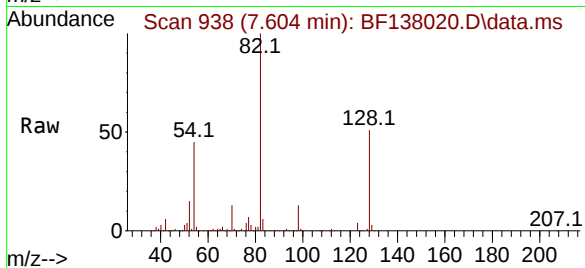
Tgt Ion: 82 Resp: 827658

Ion Ratio Lower Upper

82 100

128 50.6 40.3 60.5

54 45.3 36.8 55.2



#24

Nitrobenzene

Concen: 39.038 ng

RT: 7.622 min Scan# 941

Delta R.T. -0.006 min

Lab File: BF138020.D

Acq: 23 May 2024 11:21

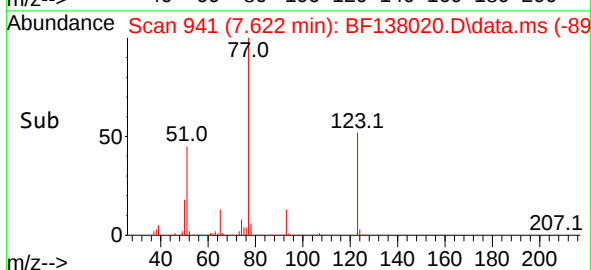
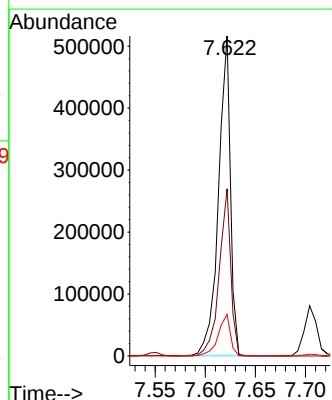
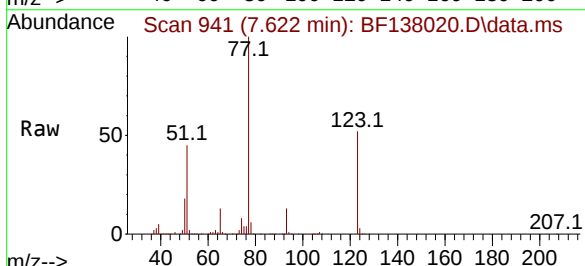
Tgt Ion: 77 Resp: 426883

Ion Ratio Lower Upper

77 100

123 52.3 41.4 62.2

65 13.0 10.5 15.7

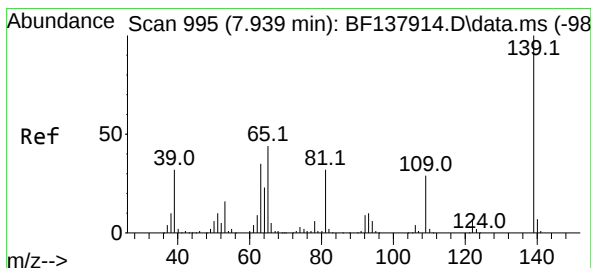
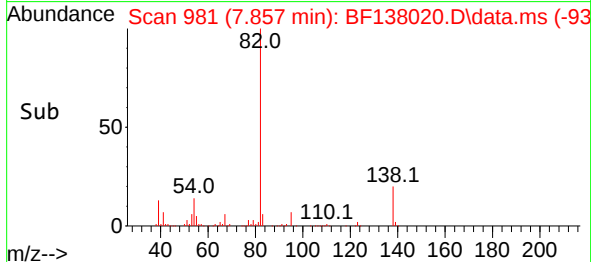
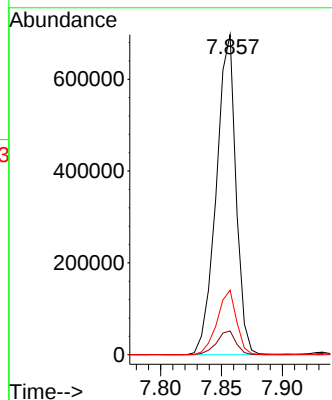
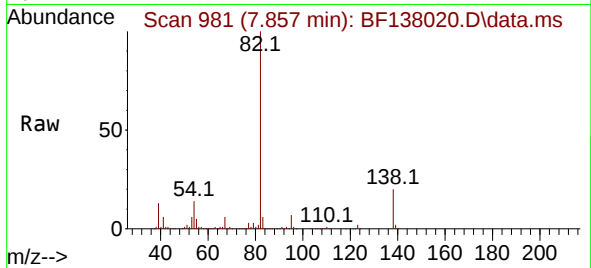




#25
Isophorone
Concen: 42.008 ng
RT: 7.857 min Scan# 981
Delta R.T. -0.000 min
Lab File: BF138020.D
Acq: 23 May 2024 11:21

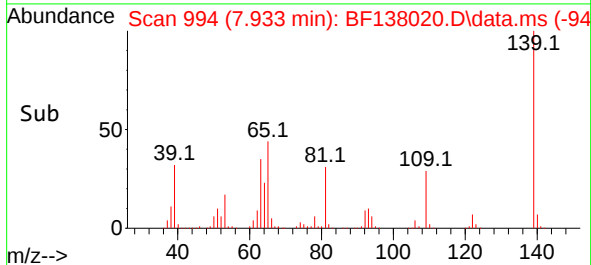
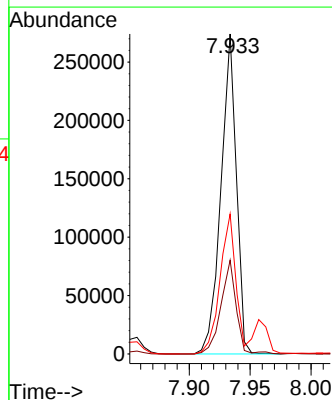
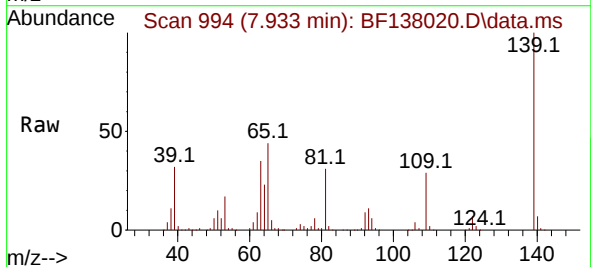
Instrument :
BNA_F
ClientSampleId :
PB161055BS

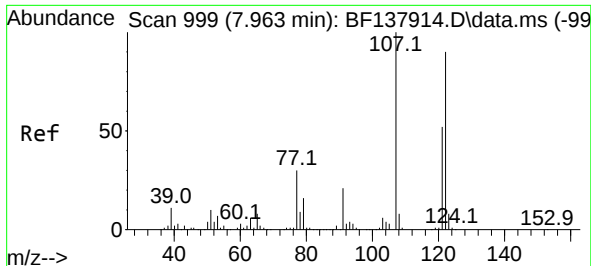
Tgt Ion: 82 Resp: 785882
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 20.2 15.0 22.4



#26
2-Nitrophenol
Concen: 44.125 ng
RT: 7.933 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF138020.D
Acq: 23 May 2024 11:21

Tgt Ion: 139 Resp: 242445
Ion Ratio Lower Upper
139 100
109 29.3 22.8 34.2
65 43.8 35.2 52.8





#27

2,4-Dimethylphenol

Concen: 44.613 ng

RT: 7.957 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF138020.D

Acq: 23 May 2024 11:21

Instrument :

BNA_F

ClientSampleId :

PB161055BS

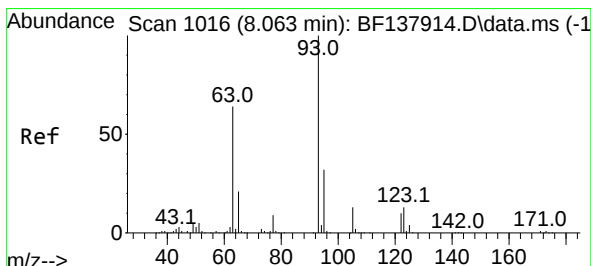
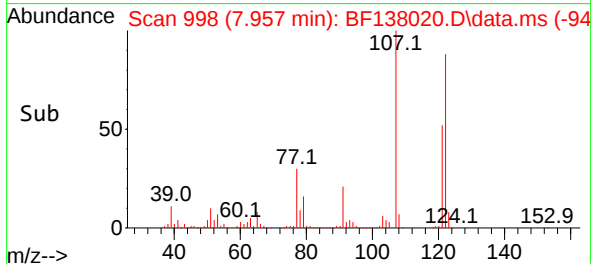
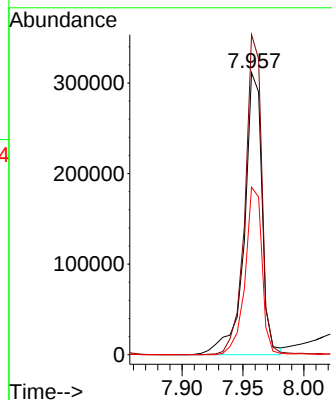
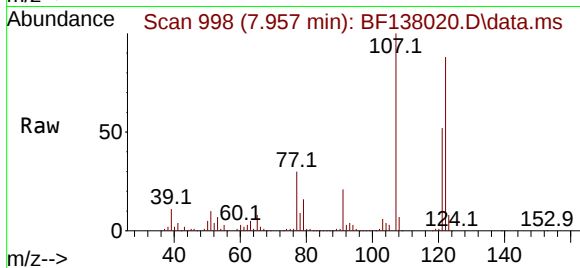
Tgt Ion:122 Resp: 315593

Ion Ratio Lower Upper

122 100

107 113.4 89.0 133.4

121 59.4 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 42.052 ng

RT: 8.057 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF138020.D

Acq: 23 May 2024 11:21

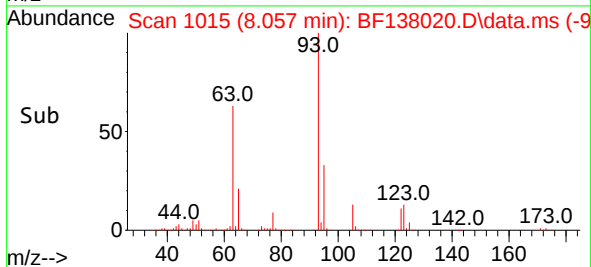
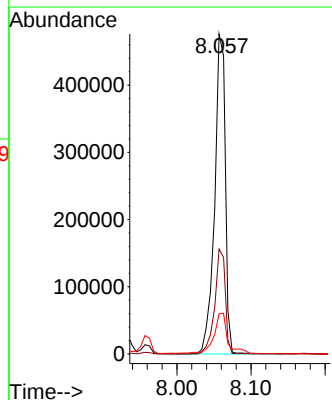
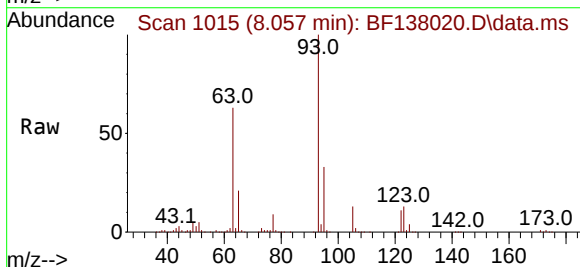
Tgt Ion: 93 Resp: 476803

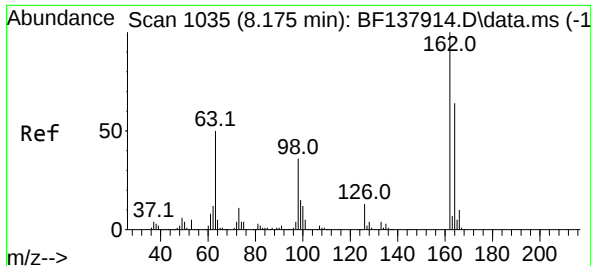
Ion Ratio Lower Upper

93 100

95 32.8 25.9 38.9

123 12.5 10.4 15.6





#29

2,4-Dichlorophenol

Concen: 42.939 ng

RT: 8.175 min Scan# 1049

Delta R.T. -0.000 min

Lab File: BF138020.D

Acq: 23 May 2024 11:21

Instrument :

BNA_F

ClientSampleId :

PB161055BS

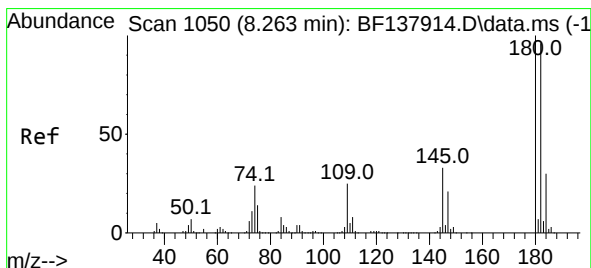
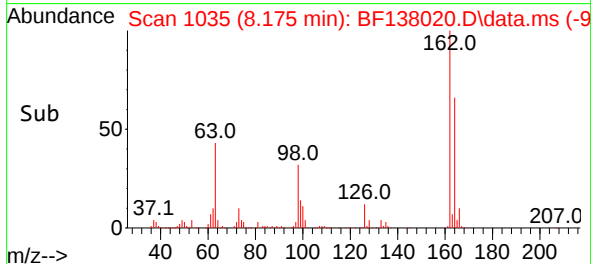
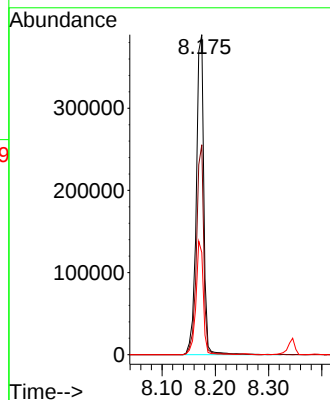
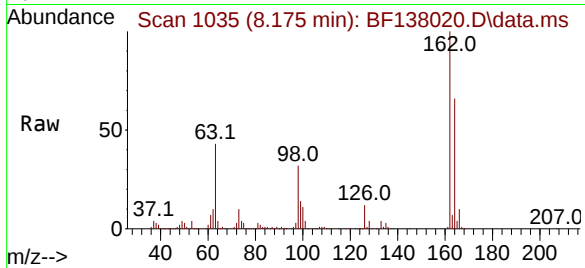
Tgt Ion:162 Resp: 381970

Ion Ratio Lower Upper

162 100

164 65.6 44.3 84.3

98 31.9 15.8 55.8



#30

1,2,4-Trichlorobenzene

Concen: 39.670 ng

RT: 8.257 min Scan# 1049

Delta R.T. -0.006 min

Lab File: BF138020.D

Acq: 23 May 2024 11:21

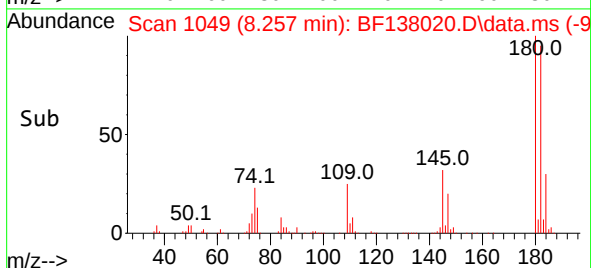
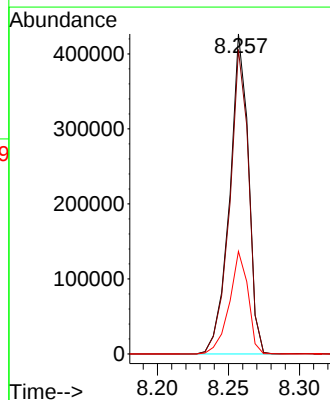
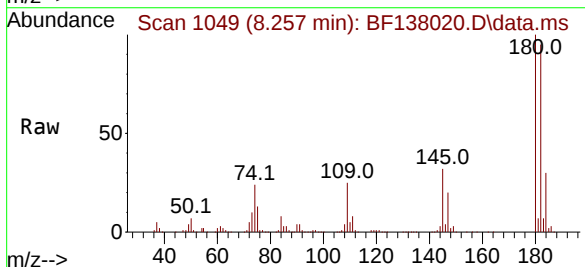
Tgt Ion:180 Resp: 394009

Ion Ratio Lower Upper

180 100

182 95.1 76.5 114.7

145 32.1 26.2 39.2

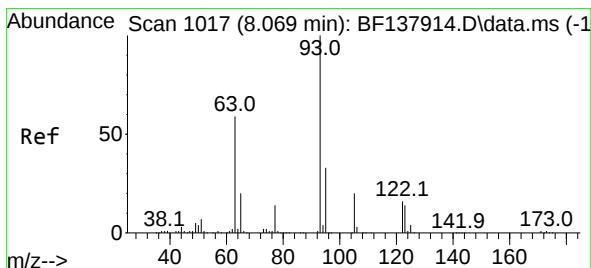
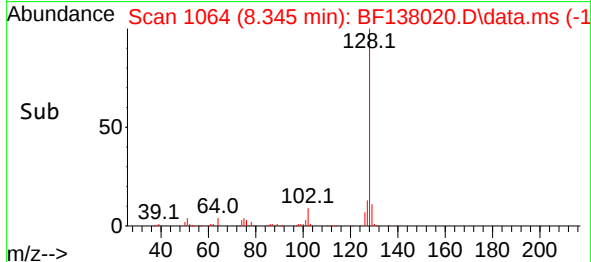
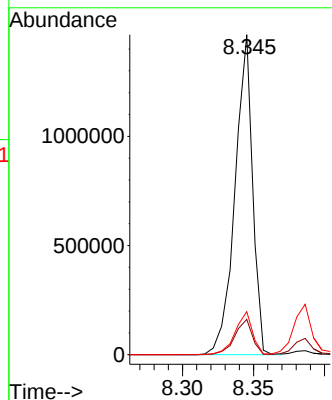
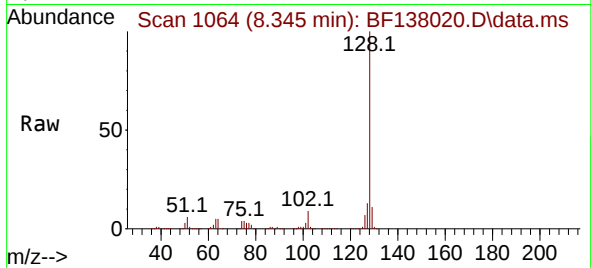




#31
Naphthalene
Concen: 39.649 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF138020.D
Acq: 23 May 2024 11:21

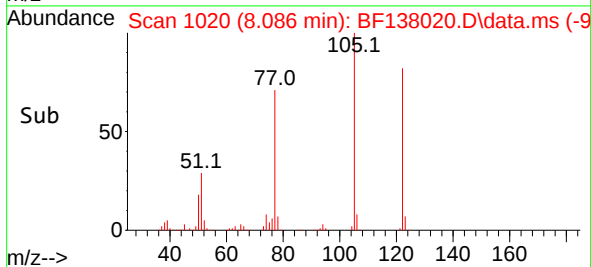
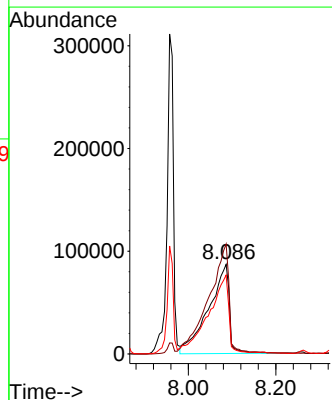
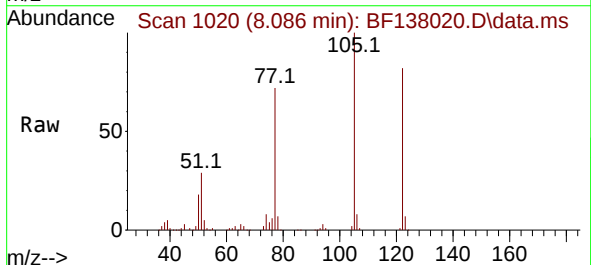
Instrument :
BNA_F
ClientSampleId :
PB161055BS

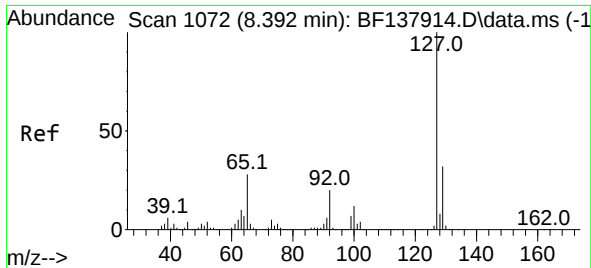
Tgt Ion:128 Resp: 1264611
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.5 10.6 16.0



#32
Benzoic acid
Concen: 47.815 ng
RT: 8.086 min Scan# 1020
Delta R.T. 0.017 min
Lab File: BF138020.D
Acq: 23 May 2024 11:21

Tgt Ion:122 Resp: 285927
Ion Ratio Lower Upper
122 100
105 122.6 103.8 143.8
77 88.1 68.4 108.4

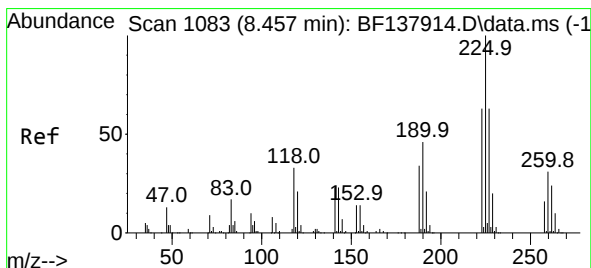
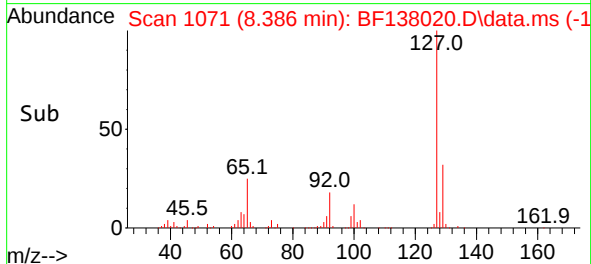
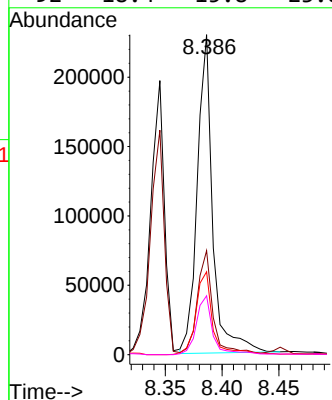
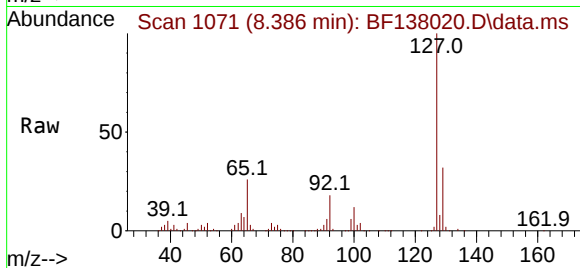




#33
4-Chloroaniline
Concen: 20.812 ng
RT: 8.386 min Scan# 1071
Delta R.T. -0.006 min
Lab File: BF138020.D
Acq: 23 May 2024 11:21

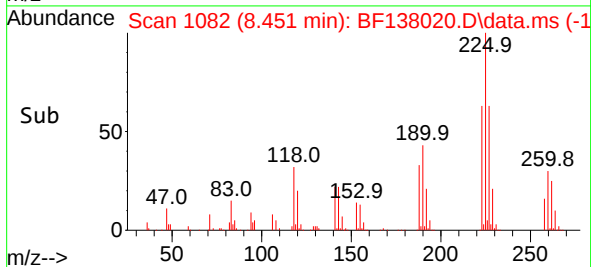
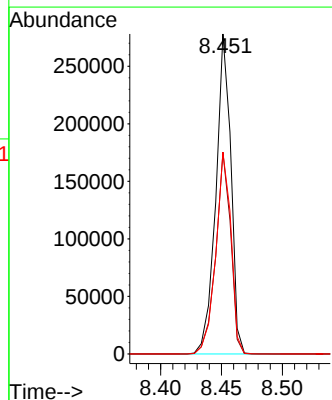
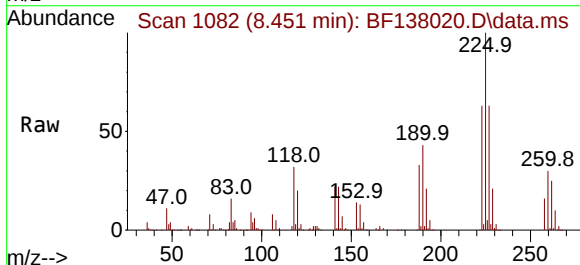
Instrument :
BNA_F
ClientSampleId :
PB161055BS

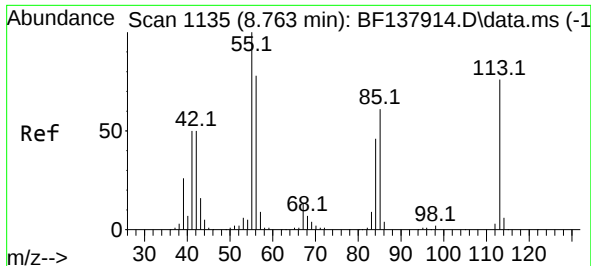
Tgt Ion:	127	Resp:	217606
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.4	38.2
65	25.9	22.0	33.0
92	18.4	15.8	23.8



#34
Hexachlorobutadiene
Concen: 38.091 ng
RT: 8.451 min Scan# 1082
Delta R.T. -0.006 min
Lab File: BF138020.D
Acq: 23 May 2024 11:21

Tgt Ion:	225	Resp:	239465
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.0	75.0
227	63.0	50.2	75.4

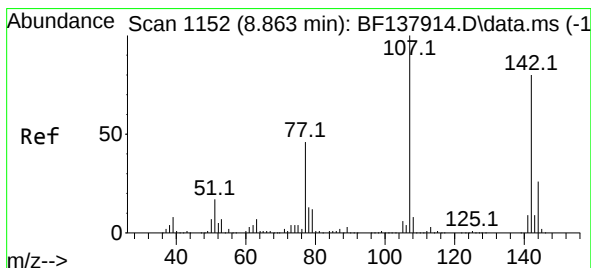
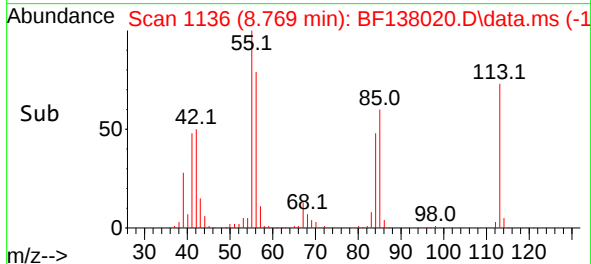
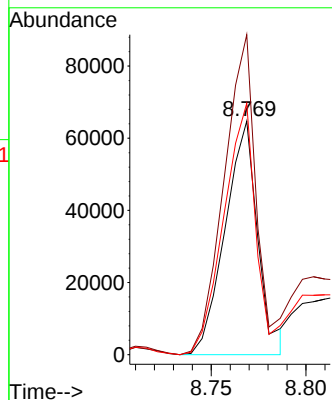
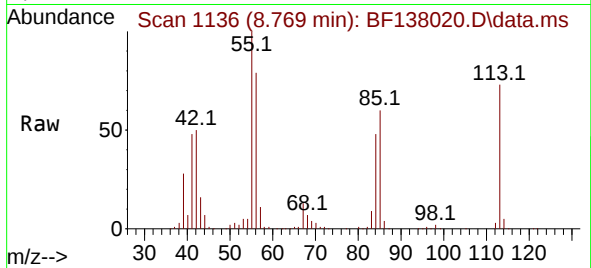




#35
 Caprolactam
 Concen: 29.886 ng
 RT: 8.769 min Scan# 1135
 Delta R.T. 0.006 min
 Lab File: BF138020.D
 Acq: 23 May 2024 11:21

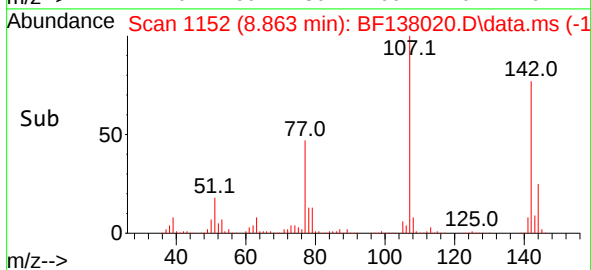
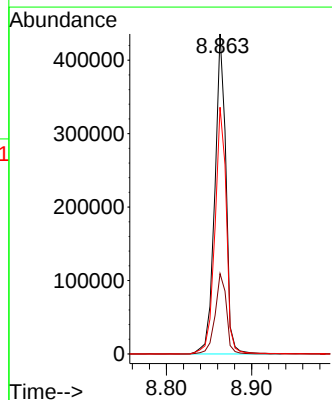
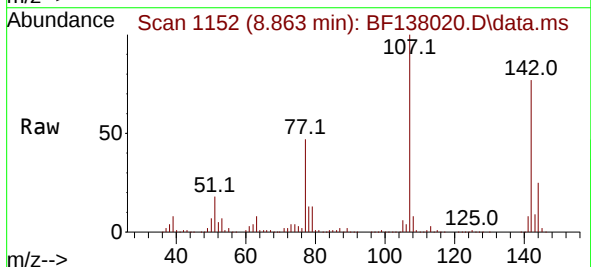
Instrument :
 BNA_F
 ClientSampleId :
 PB161055BS

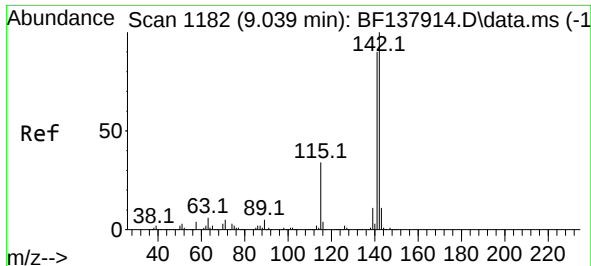
Tgt Ion:113 Resp: 77023
 Ion Ratio Lower Upper
 113 100
 55 137.0 112.3 152.3
 56 107.5 82.7 122.7



#36
 4-Chloro-3-methylphenol
 Concen: 43.531 ng
 RT: 8.863 min Scan# 1152
 Delta R.T. -0.000 min
 Lab File: BF138020.D
 Acq: 23 May 2024 11:21

Tgt Ion:107 Resp: 393917
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.7 31.1
 142 77.1 64.0 96.0





#37

2-Methylnaphthalene

Concen: 41.293 ng

RT: 9.039 min Scan# 1182

Delta R.T. -0.000 min

Lab File: BF138020.D

Acq: 23 May 2024 11:21

Instrument :

BNA_F

ClientSampleId :

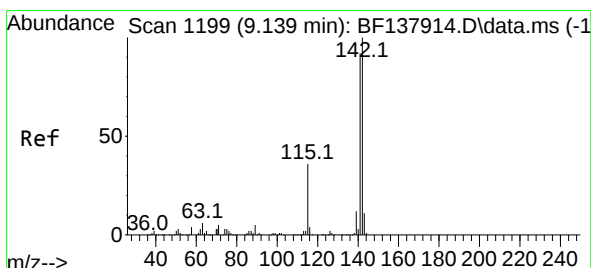
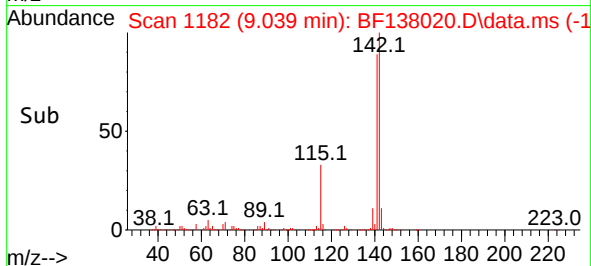
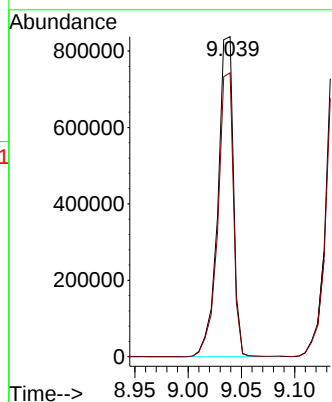
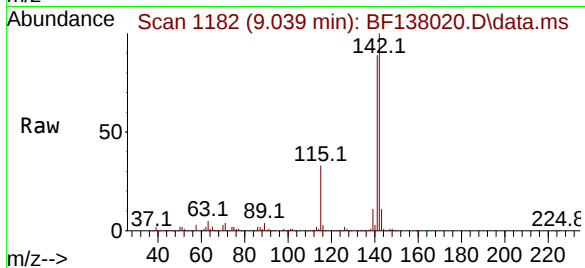
PB161055BS

Tgt Ion:142 Resp: 846609

Ion Ratio Lower Upper

142 100

141 88.7 72.0 108.0



#38

1-Methylnaphthalene

Concen: 39.103 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.000 min

Lab File: BF138020.D

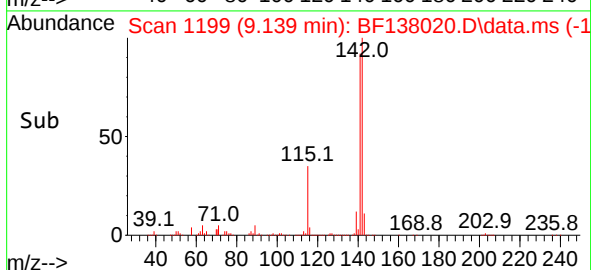
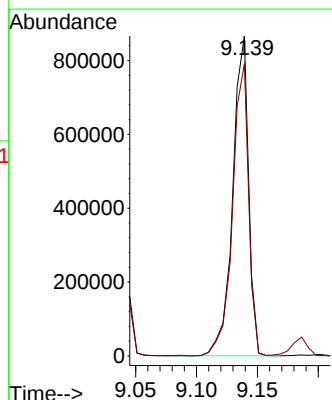
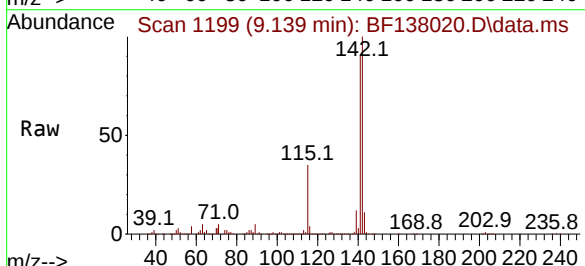
Acq: 23 May 2024 11:21

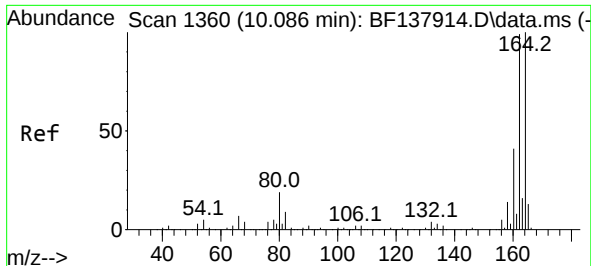
Tgt Ion:142 Resp: 788154

Ion Ratio Lower Upper

142 100

141 91.2 73.7 110.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.086 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF138020.D

Acq: 23 May 2024 11:21

Instrument :

BNA_F

ClientSampleId :

PB161055BS

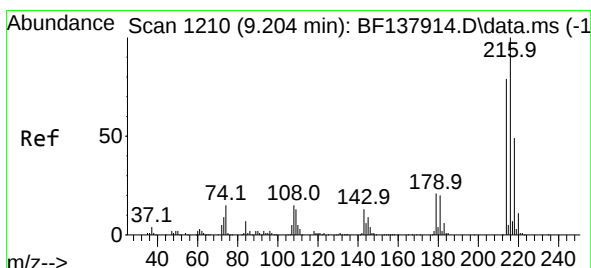
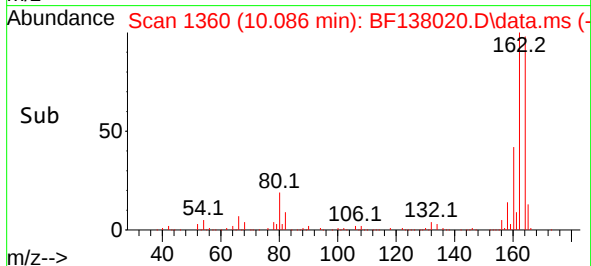
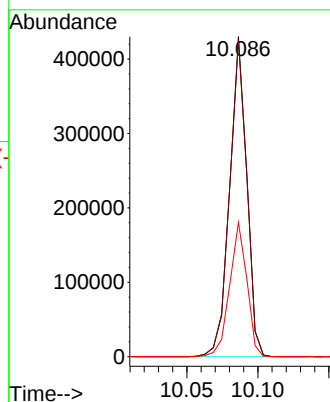
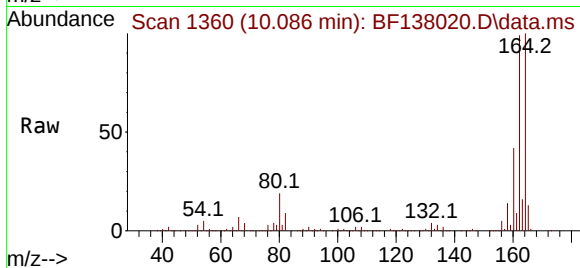
Tgt Ion:164 Resp: 360690

Ion Ratio Lower Upper

164 100

162 98.9 79.4 119.2

160 42.0 33.1 49.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.335 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.000 min

Lab File: BF138020.D

Acq: 23 May 2024 11:21

Tgt Ion:216 Resp: 405322

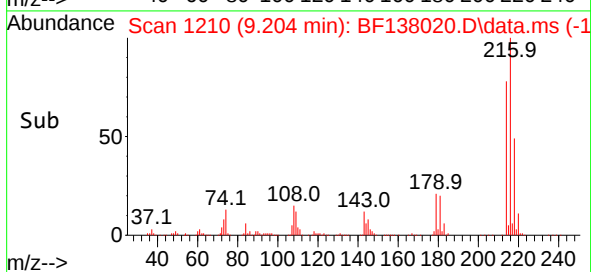
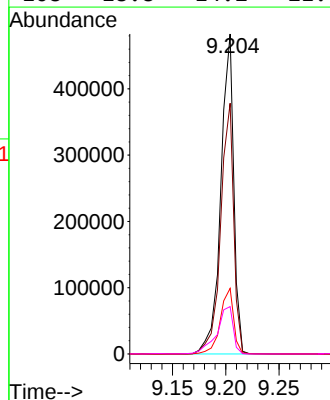
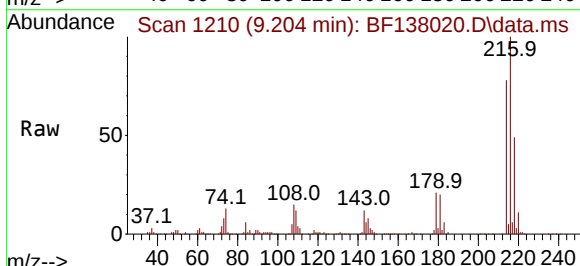
Ion Ratio Lower Upper

216 100

214 79.1 63.4 95.2

179 21.1 17.0 25.4

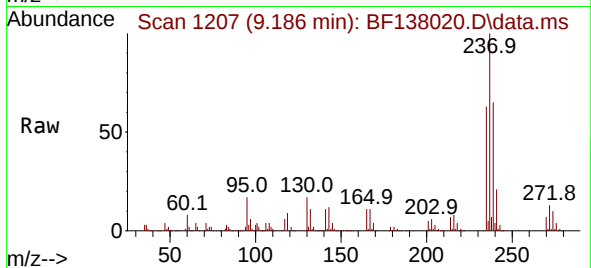
108 18.8 14.2 21.4



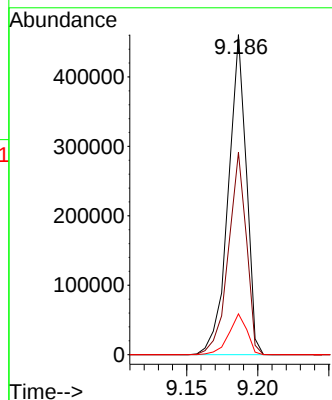
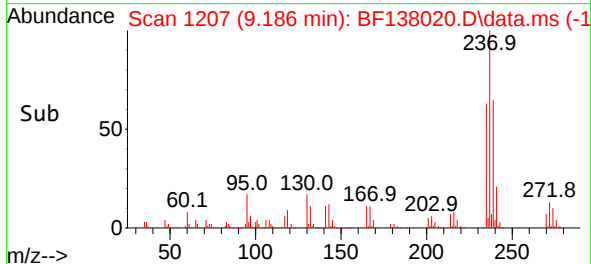


#41
Hexachlorocyclopentadiene
Concen: 108.921 ng
RT: 9.186 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138020.D
Acq: 23 May 2024 11:21

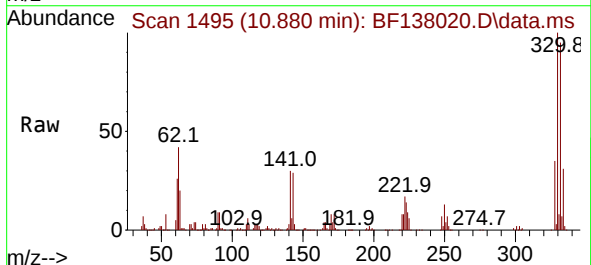
Instrument :
BNA_F
ClientSampleId :
PB161055BS



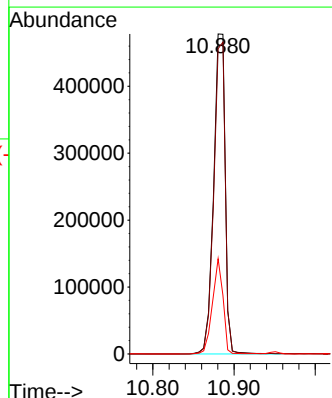
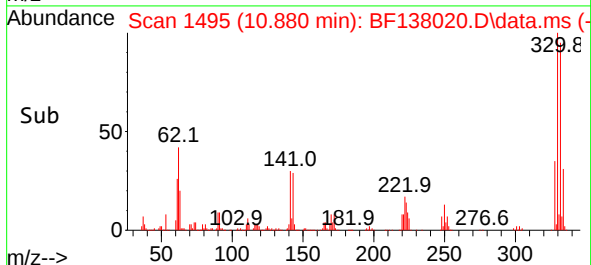
Tgt Ion:237 Resp: 405833
Ion Ratio Lower Upper
237 100
235 63.2 42.8 82.8
272 12.7 0.0 32.0

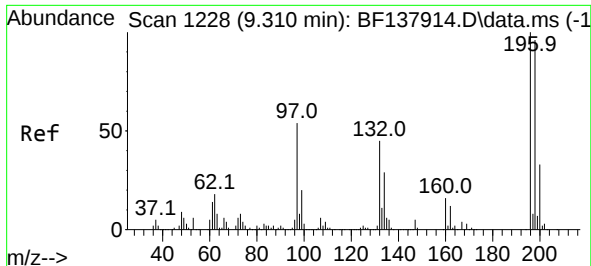


#42
2,4,6-Tribromophenol
Concen: 129.990 ng
RT: 10.880 min Scan# 1495
Delta R.T. -0.000 min
Lab File: BF138020.D
Acq: 23 May 2024 11:21



Tgt Ion:330 Resp: 472751
Ion Ratio Lower Upper
330 100
332 96.5 75.8 113.8
141 27.1 23.8 35.6

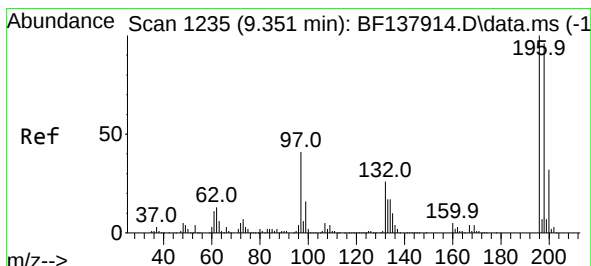
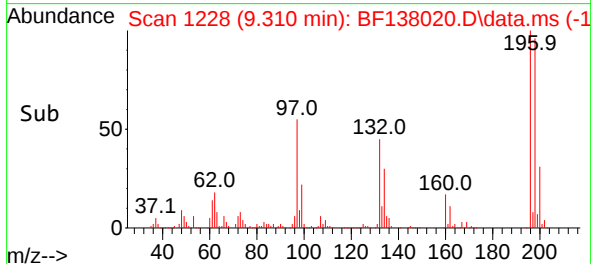
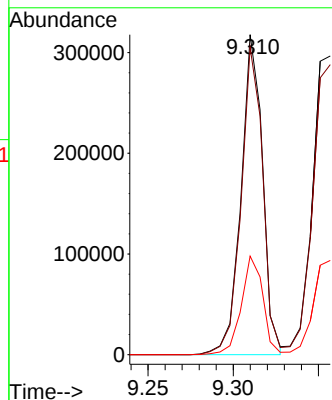
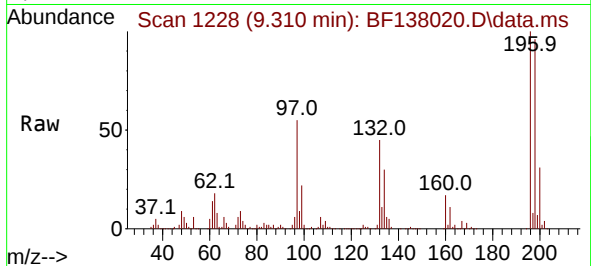




#43
2,4,6-Trichlorophenol
Concen: 43.469 ng
RT: 9.310 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138020.D
Acq: 23 May 2024 11:21

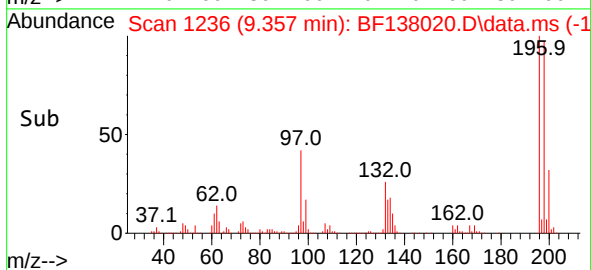
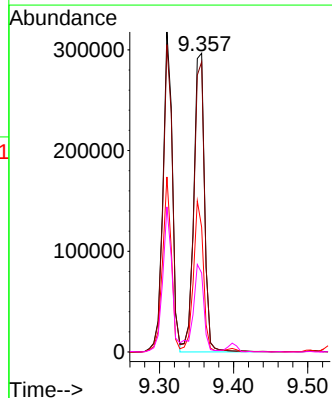
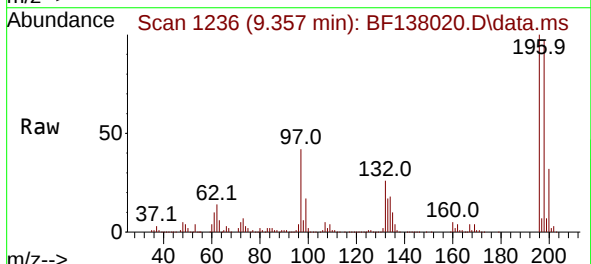
Instrument :
BNA_F
ClientSampleId :
PB161055BS

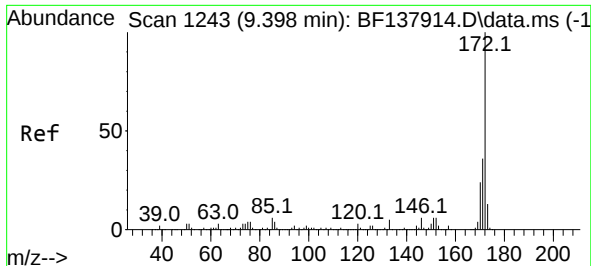
Tgt Ion:196 Resp: 279477
Ion Ratio Lower Upper
196 100
198 96.1 77.0 115.4
200 30.8 26.2 39.2



#44
2,4,5-Trichlorophenol
Concen: 42.498 ng
RT: 9.357 min Scan# 1236
Delta R.T. 0.006 min
Lab File: BF138020.D
Acq: 23 May 2024 11:21

Tgt Ion:196 Resp: 298965
Ion Ratio Lower Upper
196 100
198 97.1 77.4 116.0
97 41.8 32.9 49.3
132 26.5 21.0 31.6

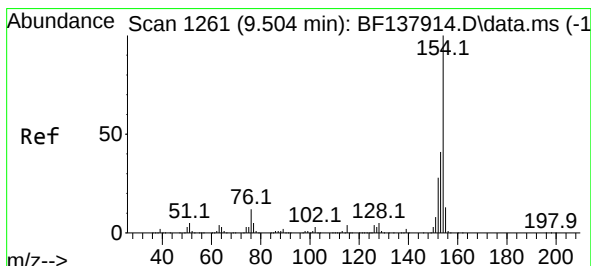
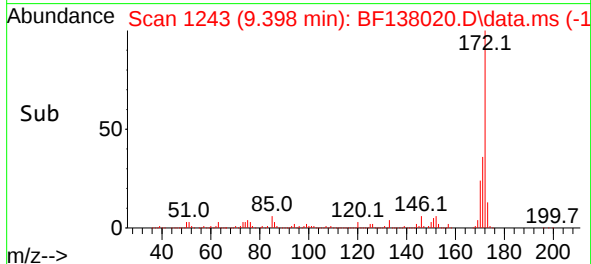
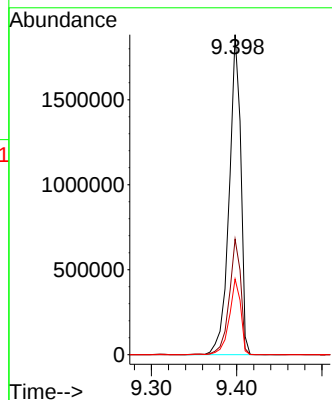
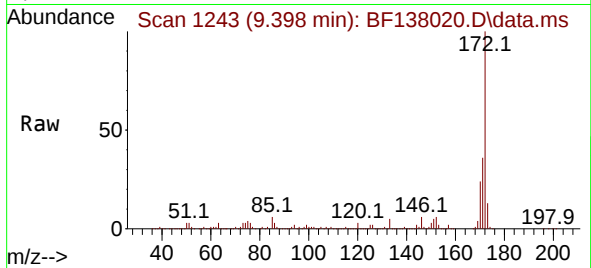




#45
2-Fluorobiphenyl
Concen: 75.887 ng
RT: 9.398 min Scan# 1243
Delta R.T. -0.000 min
Lab File: BF138020.D
Acq: 23 May 2024 11:21

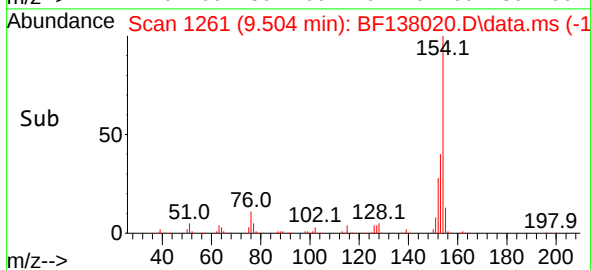
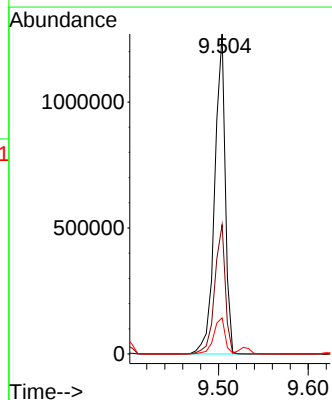
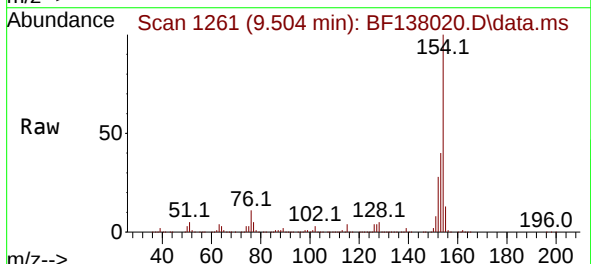
Instrument :
BNA_F
ClientSampleId :
PB161055BS

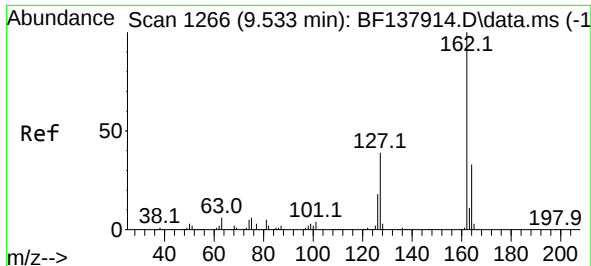
Tgt Ion:172 Resp: 1776940
Ion Ratio Lower Upper
172 100
171 36.1 28.9 43.3
170 23.7 18.9 28.3



#46
1,1'-Biphenyl
Concen: 41.020 ng
RT: 9.504 min Scan# 1261
Delta R.T. -0.000 min
Lab File: BF138020.D
Acq: 23 May 2024 11:21

Tgt Ion:154 Resp: 1037740
Ion Ratio Lower Upper
154 100
153 40.4 21.3 61.3
76 11.3 0.0 31.9





#47

2-Chloronaphthalene

Concen: 39.930 ng

RT: 9.533 min Scan# 1266

Delta R.T. -0.000 min

Lab File: BF138020.D

Acq: 23 May 2024 11:21

Instrument :

BNA_F

ClientSampleId :

PB161055BS

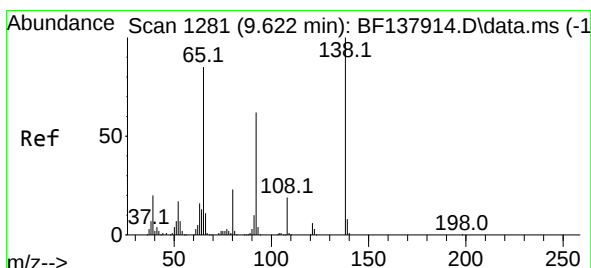
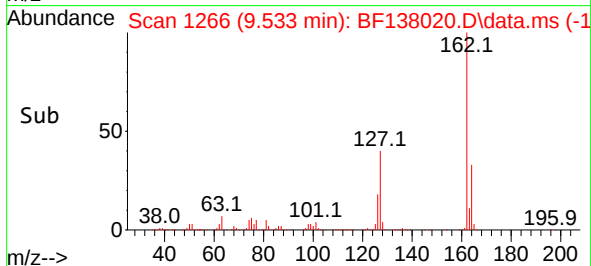
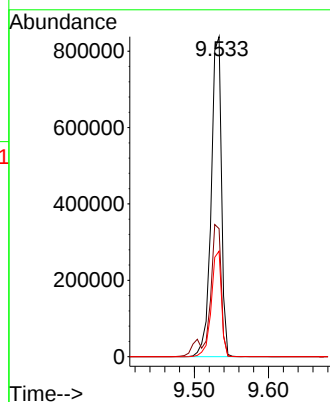
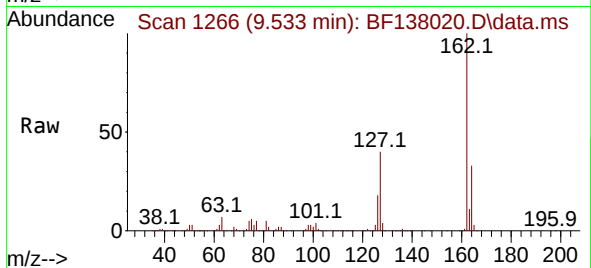
Tgt Ion:162 Resp: 806371

Ion Ratio Lower Upper

162 100

127 40.0 32.0 48.0

164 33.0 26.2 39.4



#48

2-Nitroaniline

Concen: 44.042 ng

RT: 9.627 min Scan# 1282

Delta R.T. 0.006 min

Lab File: BF138020.D

Acq: 23 May 2024 11:21

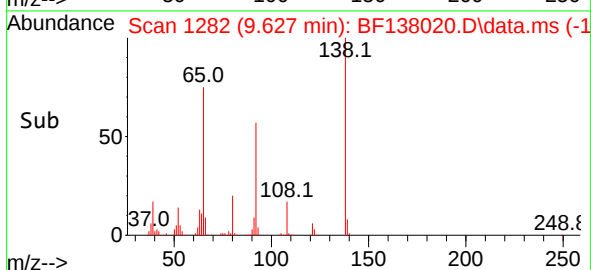
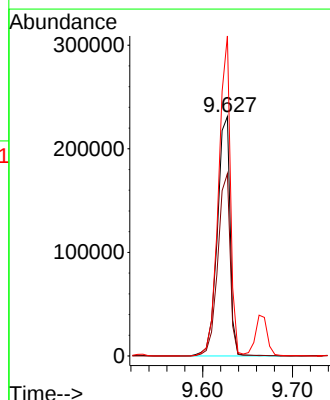
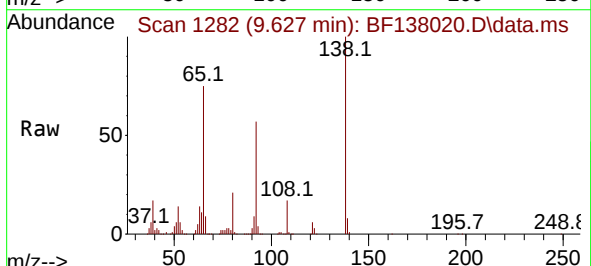
Tgt Ion: 65 Resp: 227759

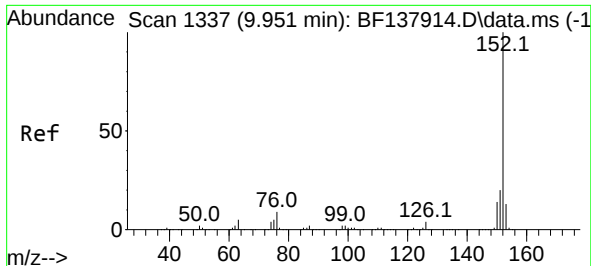
Ion Ratio Lower Upper

65 100

92 76.2 58.6 88.0

138 133.7 94.1 141.1





#49

Acenaphthylene

Concen: 44.557 ng

RT: 9.951 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF138020.D

Acq: 23 May 2024 11:21

Instrument :

BNA_F

ClientSampleId :

PB161055BS

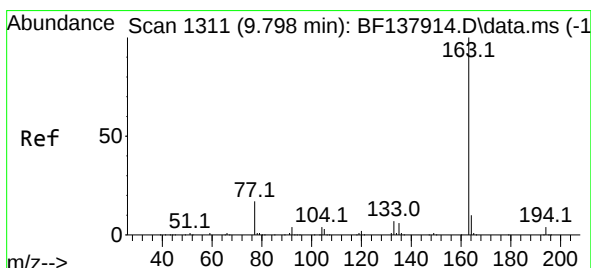
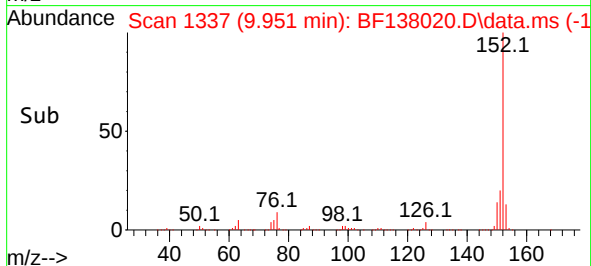
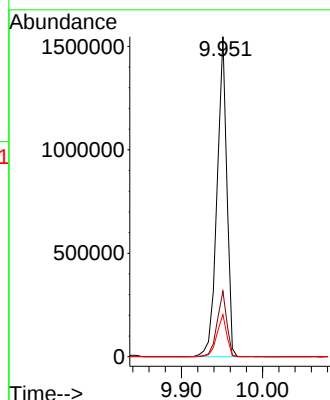
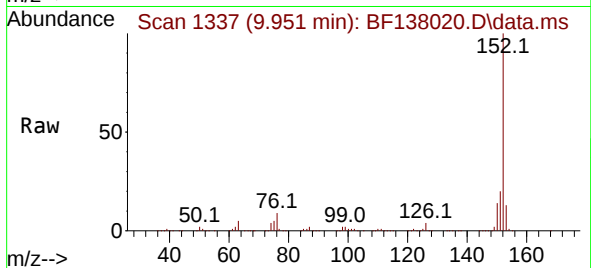
Tgt Ion:152 Resp: 1293817

Ion Ratio Lower Upper

152 100

151 20.4 15.8 23.8

153 13.1 10.2 15.4



#50

Dimethylphthalate

Concen: 43.352 ng

RT: 9.804 min Scan# 1312

Delta R.T. 0.006 min

Lab File: BF138020.D

Acq: 23 May 2024 11:21

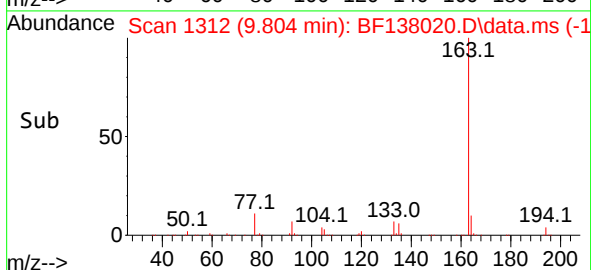
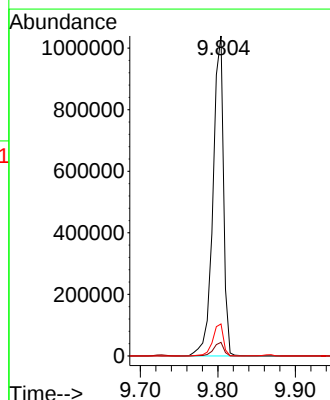
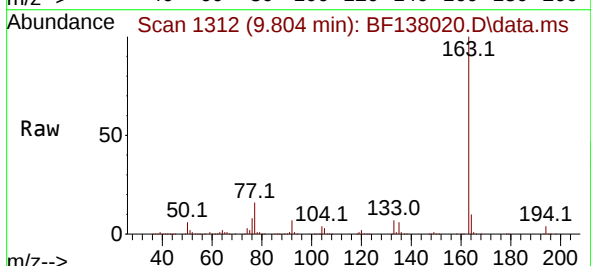
Tgt Ion:163 Resp: 980547

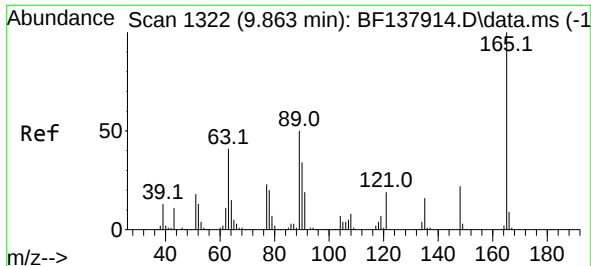
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.0 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 42.826 ng

RT: 9.869 min Scan# 1322

Delta R.T. 0.006 min

Lab File: BF138020.D

Acq: 23 May 2024 11:21

Instrument :

BNA_F

ClientSampleId :

PB161055BS

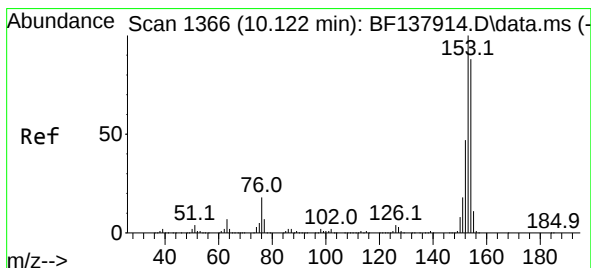
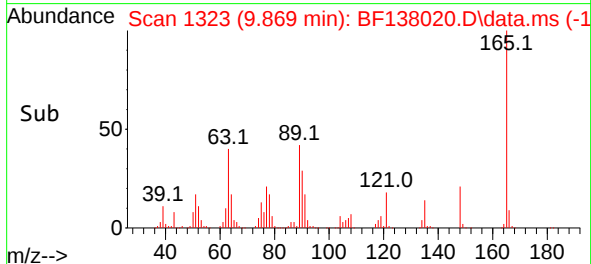
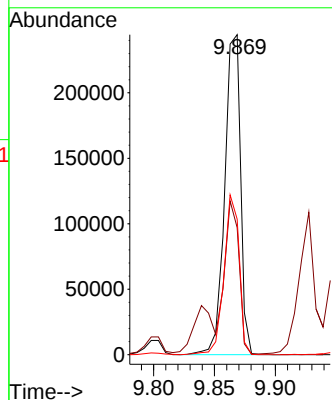
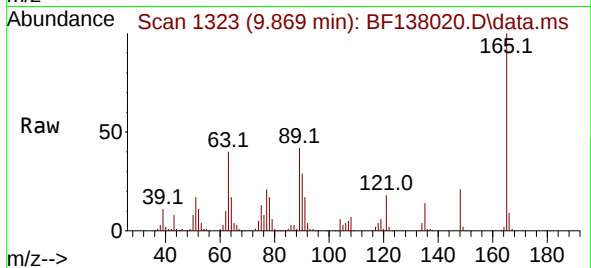
Tgt Ion:165 Resp: 222315

Ion Ratio Lower Upper

165 100

63 39.7 38.9 58.3

89 42.3 40.4 60.6



#52

Acenaphthene

Concen: 45.329 ng

RT: 10.122 min Scan# 1366

Delta R.T. -0.000 min

Lab File: BF138020.D

Acq: 23 May 2024 11:21

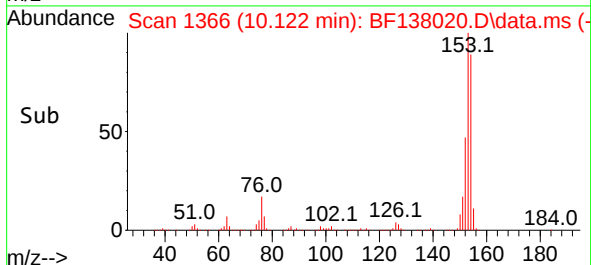
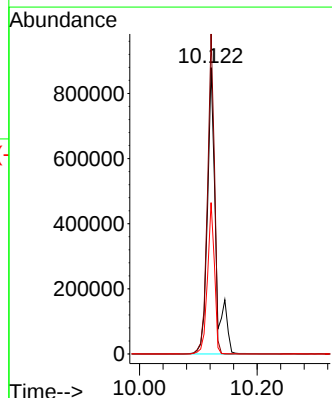
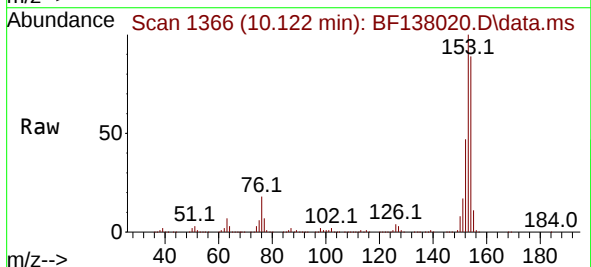
Tgt Ion:154 Resp: 869950

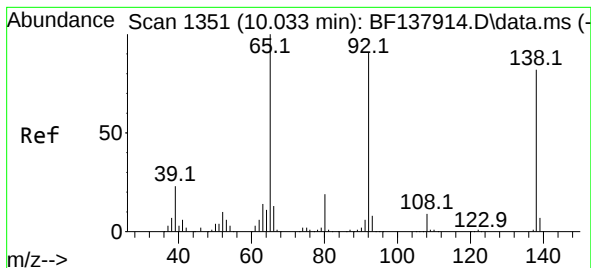
Ion Ratio Lower Upper

154 100

153 111.7 90.4 135.6

152 52.9 42.3 63.5

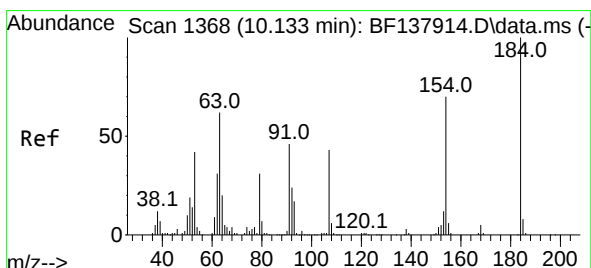
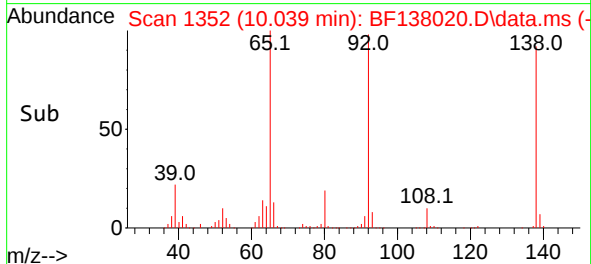
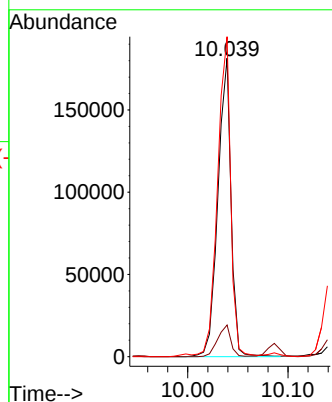
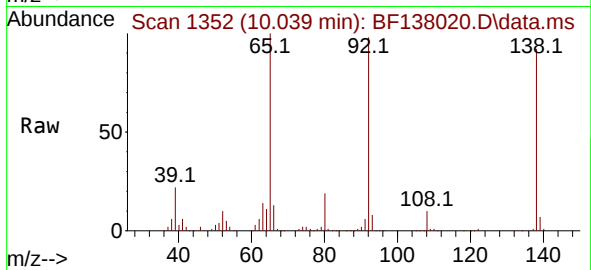




#53
3-Nitroaniline
Concen: 32.473 ng
RT: 10.039 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138020.D
Acq: 23 May 2024 11:21

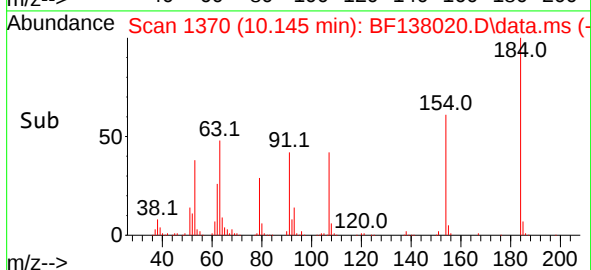
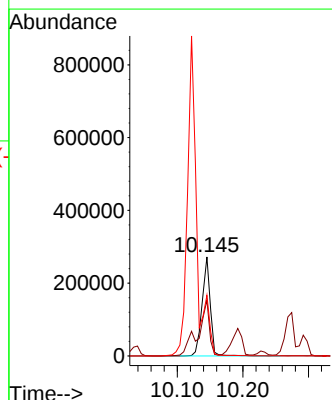
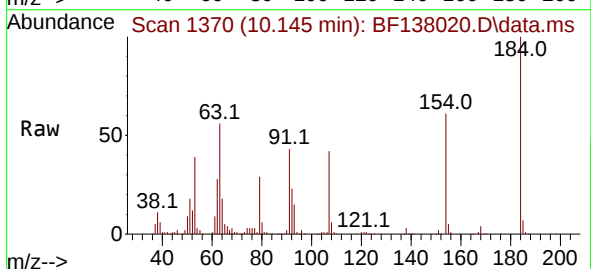
Instrument :
BNA_F
ClientSampleId :
PB161055BS

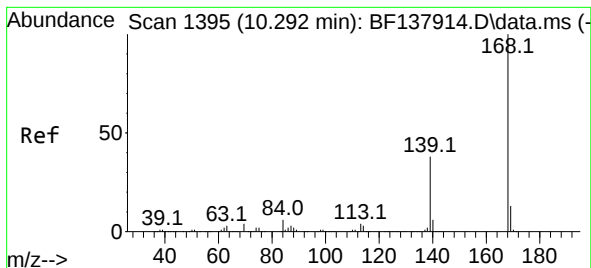
Tgt Ion:138 Resp: 164799
Ion Ratio Lower Upper
138 100
108 10.6 8.8 13.2
92 107.2 88.6 133.0



#54
2,4-Dinitrophenol
Concen: 84.588 ng
RT: 10.145 min Scan# 1370
Delta R.T. 0.012 min
Lab File: BF138020.D
Acq: 23 May 2024 11:21

Tgt Ion:184 Resp: 238454
Ion Ratio Lower Upper
184 100
63 56.2 50.4 75.6
154 61.3 63.7 95.5#





#55

Dibenzenofuran

Concen: 41.622 ng

RT: 10.292 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF138020.D

Acq: 23 May 2024 11:21

Instrument :

BNA_F

ClientSampleId :

PB161055BS

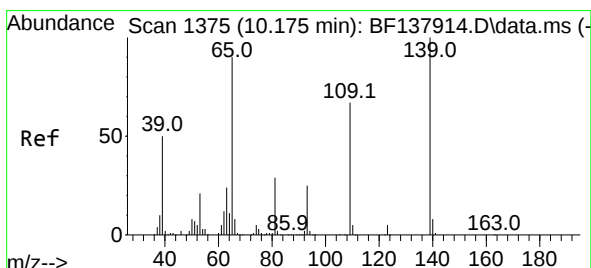
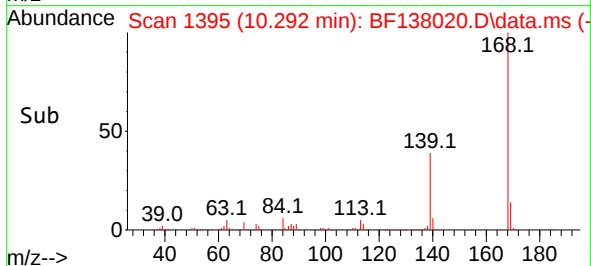
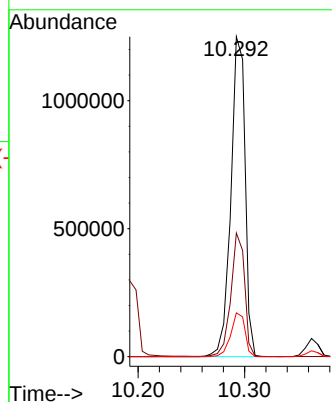
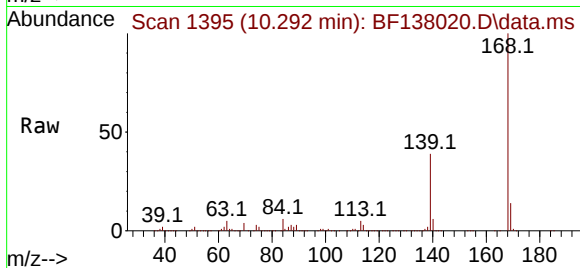
Tgt Ion:168 Resp: 1162551

Ion Ratio Lower Upper

168 100

139 38.6 30.4 45.6

169 13.7 10.5 15.7



#56

4-Nitrophenol

Concen: 93.639 ng

RT: 10.192 min Scan# 1378

Delta R.T. 0.018 min

Lab File: BF138020.D

Acq: 23 May 2024 11:21

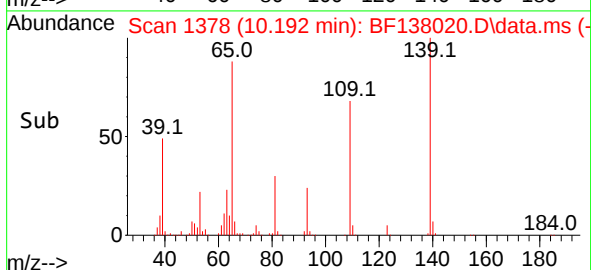
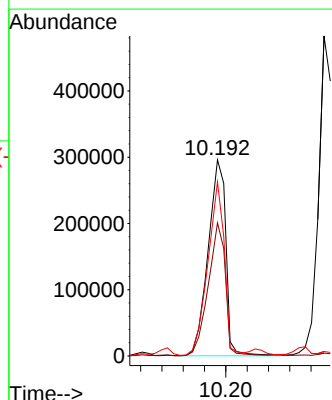
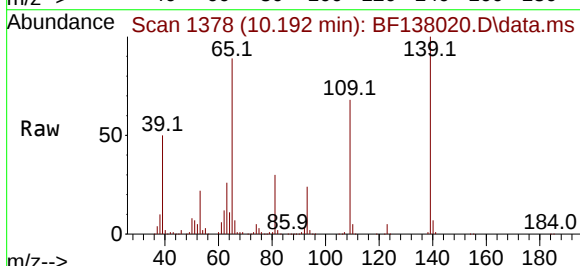
Tgt Ion:139 Resp: 341312

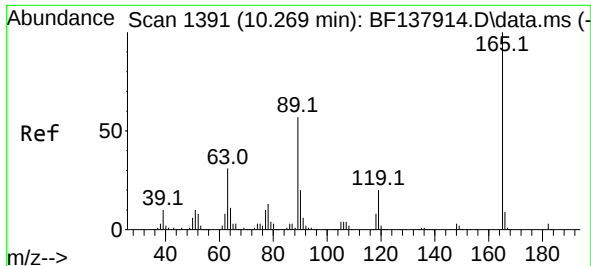
Ion Ratio Lower Upper

139 100

109 67.9 46.5 86.5

65 88.7 70.4 110.4

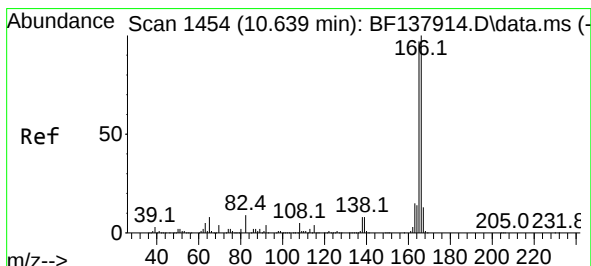
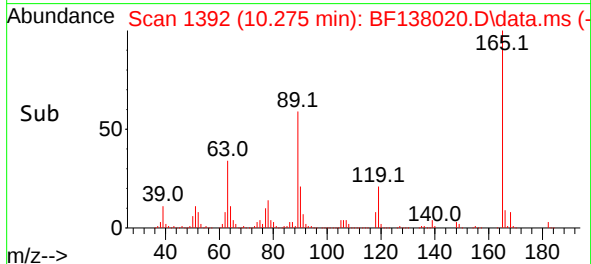
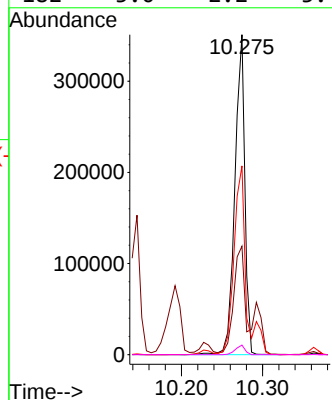
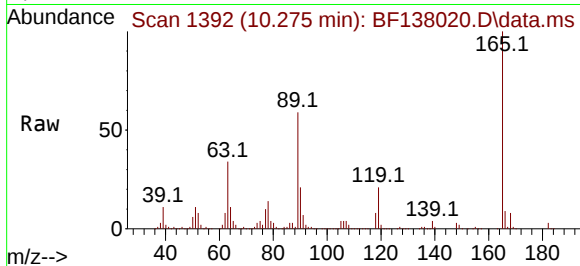




#57
2,4-Dinitrotoluene
Concen: 44.554 ng
RT: 10.275 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138020.D
Acq: 23 May 2024 11:21

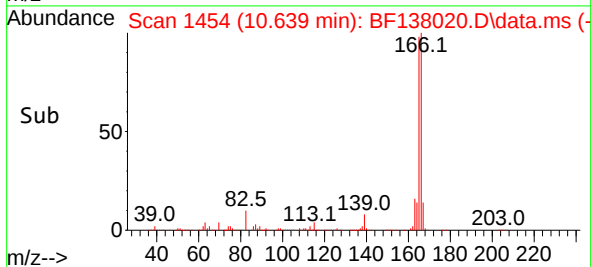
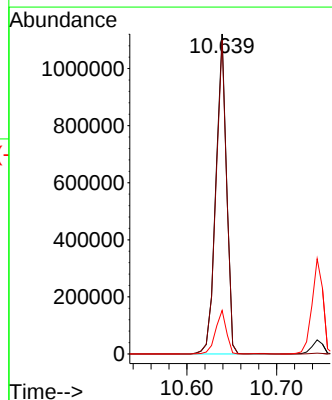
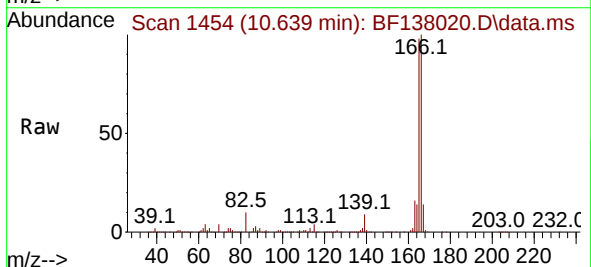
Instrument :
BNA_F
ClientSampleId :
PB161055BS

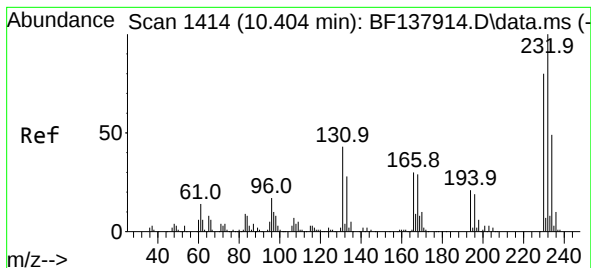
Tgt Ion:165 Resp: 299004
Ion Ratio Lower Upper
165 100
63 33.9 25.3 37.9
89 59.0 45.9 68.9
182 3.0 2.2 3.4



#58
Fluorene
Concen: 41.842 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.000 min
Lab File: BF138020.D
Acq: 23 May 2024 11:21

Tgt Ion:166 Resp: 924382
Ion Ratio Lower Upper
166 100
165 98.2 77.8 116.8
167 13.6 10.4 15.6

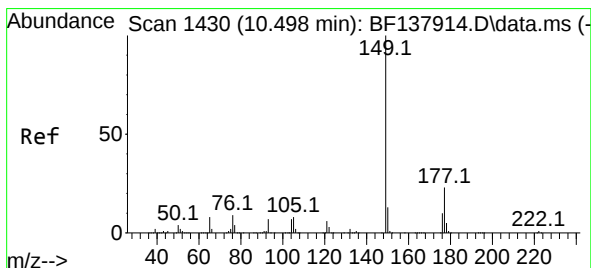
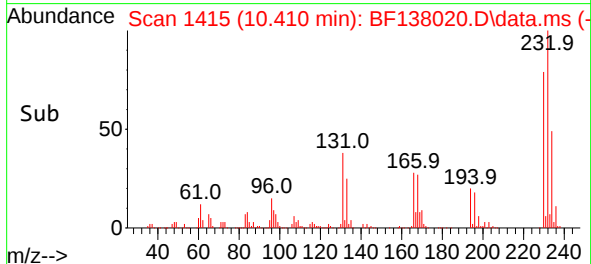
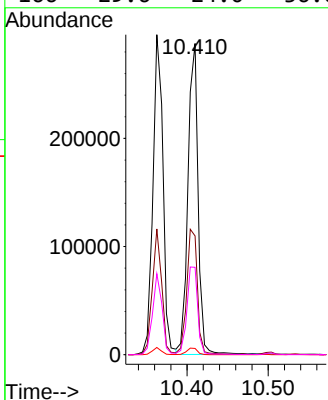
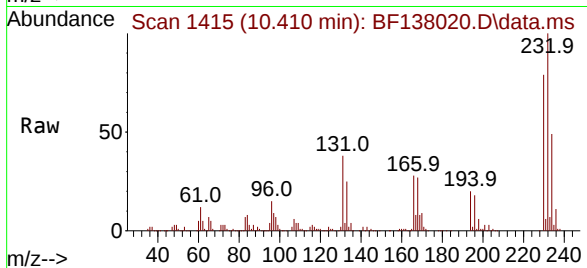




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.453 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF138020.D
Acq: 23 May 2024 11:21

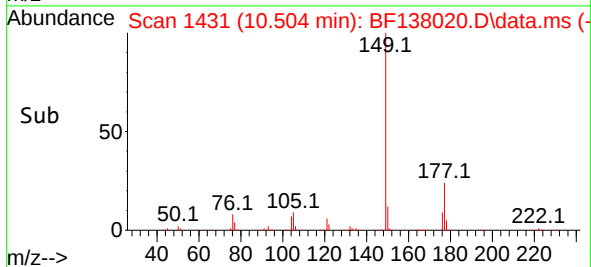
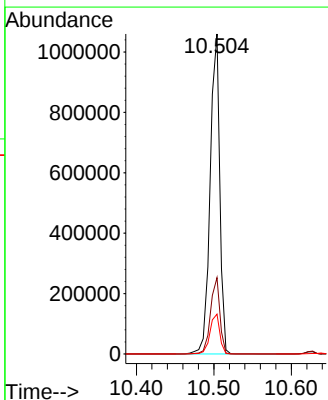
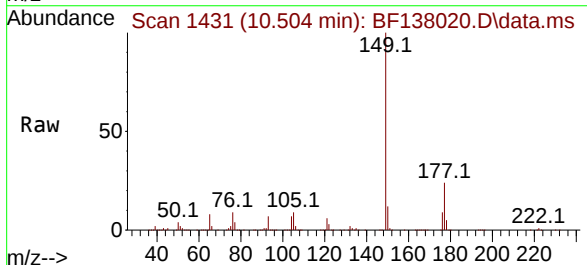
Instrument :
BNA_F
ClientSampleId :
PB161055BS

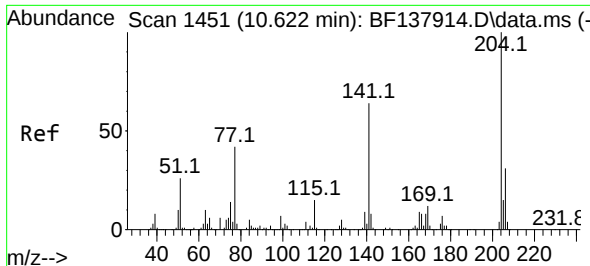
Tgt Ion:232 Resp: 251192
Ion Ratio Lower Upper
232 100
131 41.7 34.4 51.6
130 2.2 1.7 2.5
166 29.6 24.0 36.0



#60
Diethylphthalate
Concen: 43.222 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF138020.D
Acq: 23 May 2024 11:21

Tgt Ion:149 Resp: 913024
Ion Ratio Lower Upper
149 100
177 23.9 18.4 27.6
150 12.4 10.1 15.1

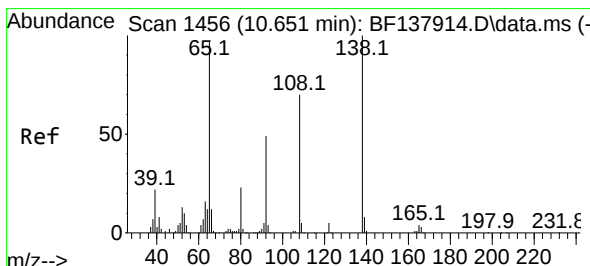
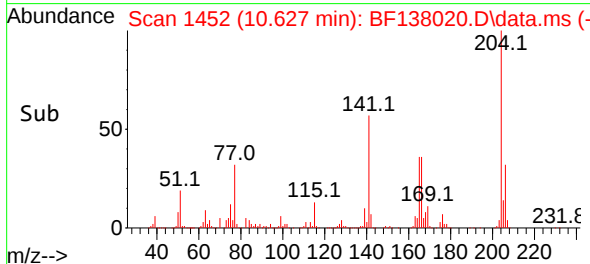
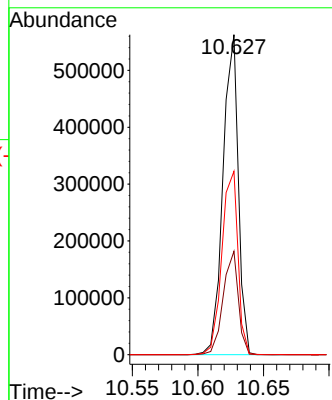
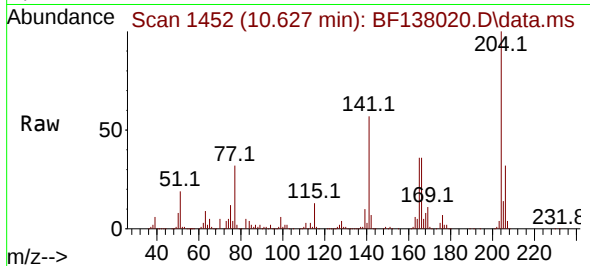




#61
4-Chlorophenyl-phenylether
Concen: 41.846 ng
RT: 10.627 min Scan# 1451
Delta R.T. 0.006 min
Lab File: BF138020.D
Acq: 23 May 2024 11:21

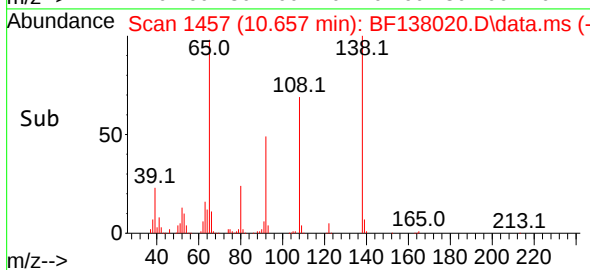
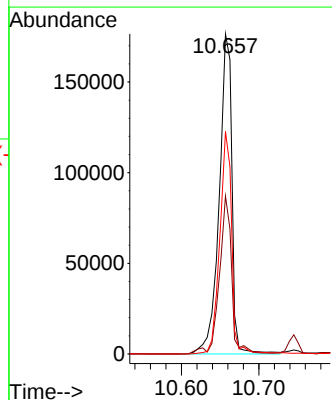
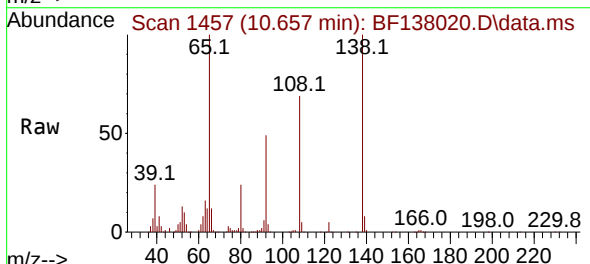
Instrument :
BNA_F
ClientSampleId :
PB161055BS

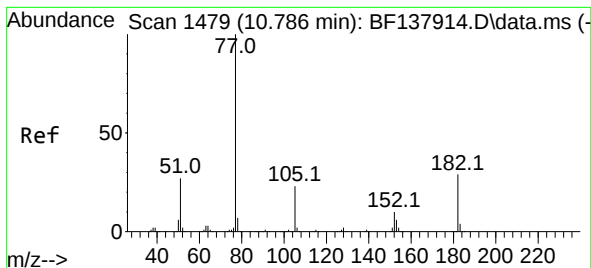
Tgt Ion:204 Resp: 455912
Ion Ratio Lower Upper
204 100
206 32.3 25.1 37.7
141 57.3 51.0 76.6



#62
4-Nitroaniline
Concen: 42.104 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.006 min
Lab File: BF138020.D
Acq: 23 May 2024 11:21

Tgt Ion:138 Resp: 202663
Ion Ratio Lower Upper
138 100
92 49.3 29.0 69.0
108 69.5 49.7 89.7





#63

Azobenzene

Concen: 43.056 ng

RT: 10.786 min Scan# 1479

Delta R.T. -0.000 min

Lab File: BF138020.D

Acq: 23 May 2024 11:21

Instrument :

BNA_F

ClientSampleId :

PB161055BS

Tgt Ion: 77 Resp: 827285

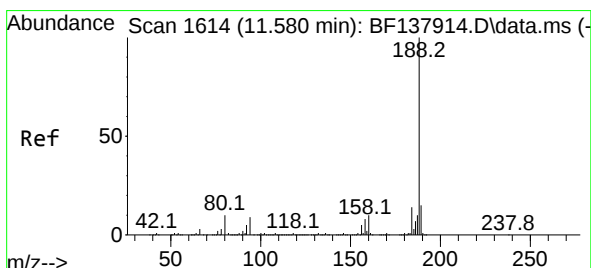
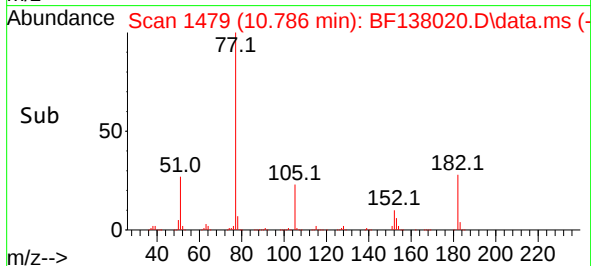
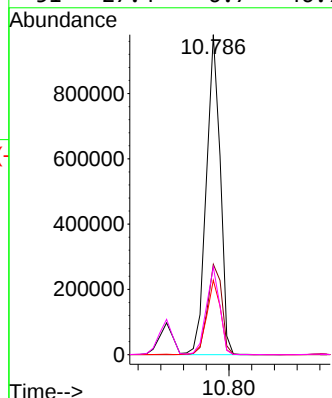
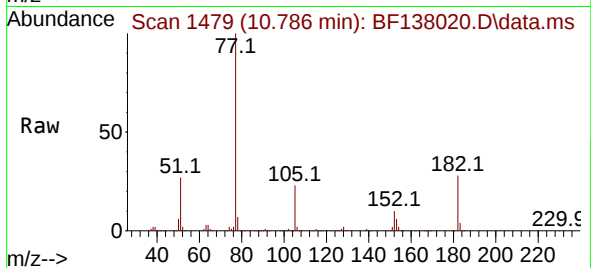
Ion Ratio Lower Upper

77 100

182 28.2 9.2 49.2

105 23.3 3.1 43.1

51 27.4 6.7 46.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.580 min Scan# 1614

Delta R.T. -0.000 min

Lab File: BF138020.D

Acq: 23 May 2024 11:21

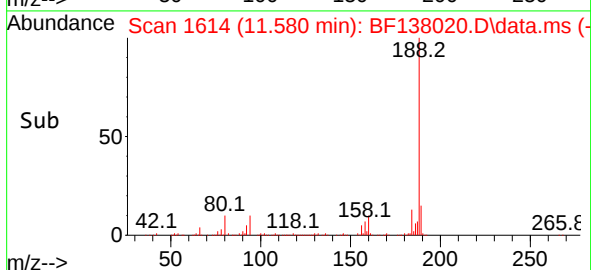
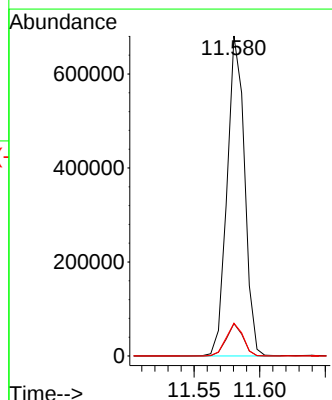
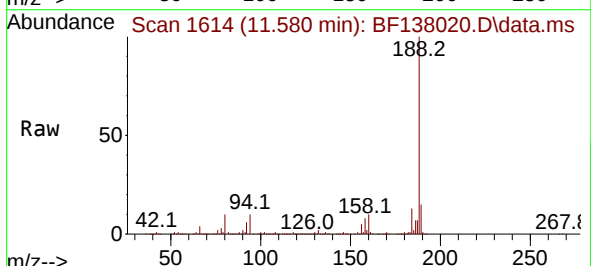
Tgt Ion:188 Resp: 631196

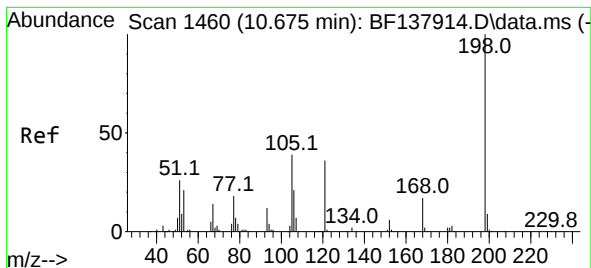
Ion Ratio Lower Upper

188 100

94 10.1 7.0 10.4

80 10.2 7.7 11.5

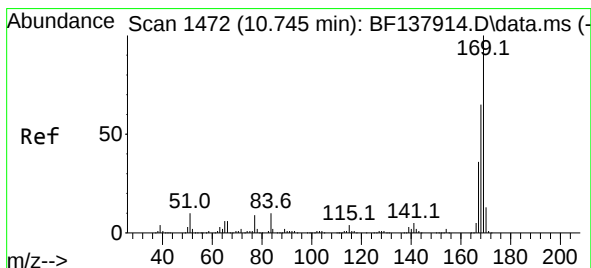
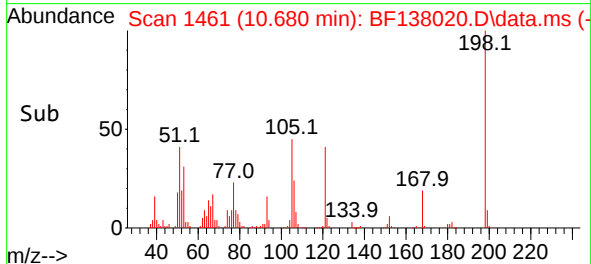
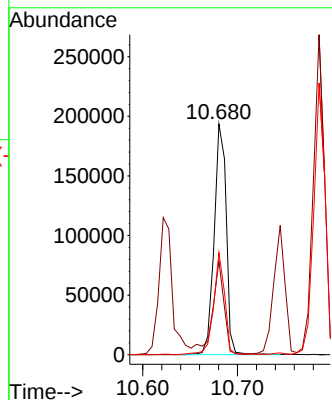
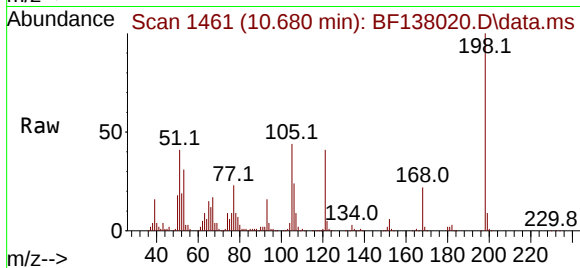




#65
4,6-Dinitro-2-methylphenol
Concen: 46.806 ng
RT: 10.680 min Scan# 1461
Delta R.T. 0.005 min
Lab File: BF138020.D
Acq: 23 May 2024 11:21

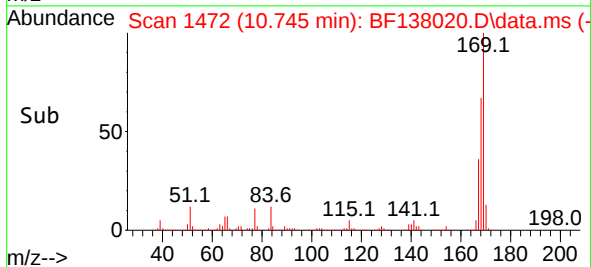
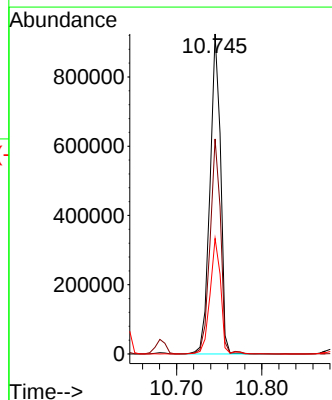
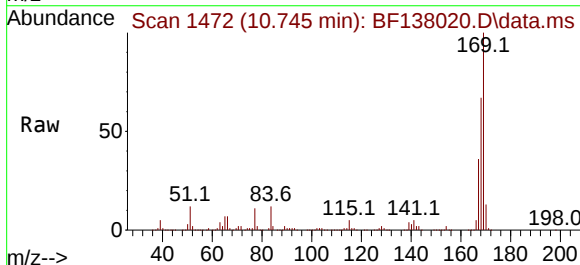
Instrument :
BNA_F
ClientSampleId :
PB161055BS

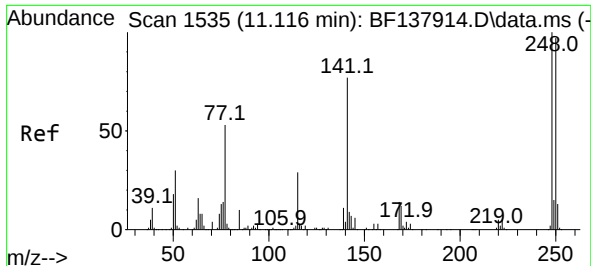
Tgt Ion:198 Resp: 170587
Ion Ratio Lower Upper
198 100
51 40.6 13.8 53.8
105 44.3 19.0 59.0



#66
n-Nitrosodiphenylamine
Concen: 41.087 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.000 min
Lab File: BF138020.D
Acq: 23 May 2024 11:21

Tgt Ion:169 Resp: 795314
Ion Ratio Lower Upper
169 100
168 67.2 52.4 78.6
167 36.1 28.9 43.3

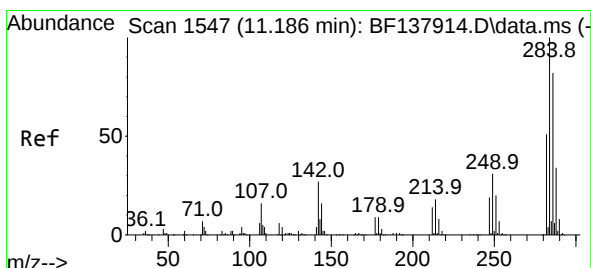
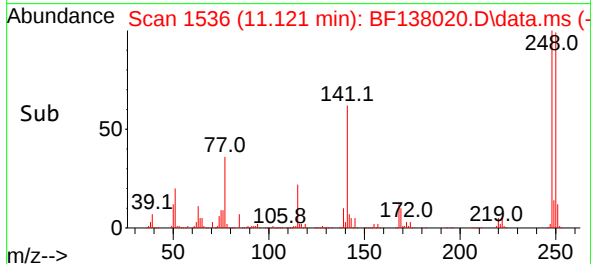
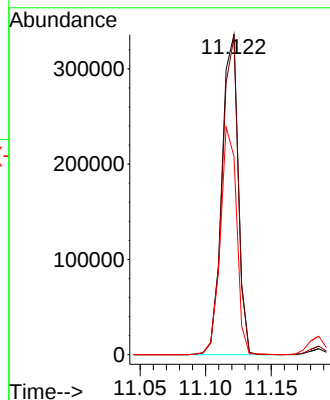
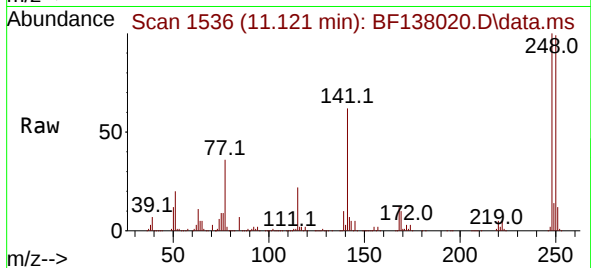




#67
4-Bromophenyl-phenylether
Concen: 41.878 ng
RT: 11.121 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138020.D
Acq: 23 May 2024 11:21

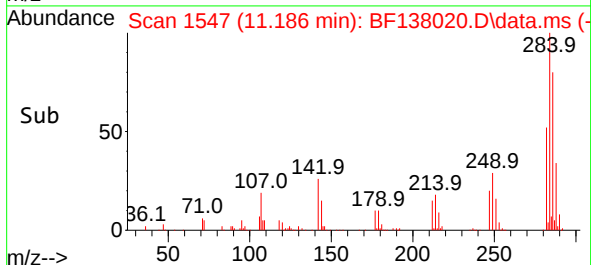
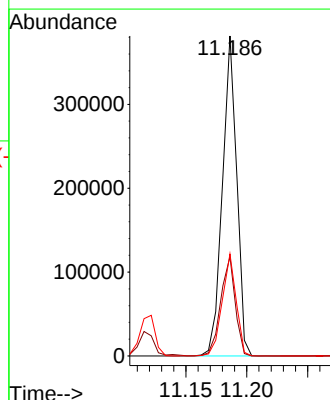
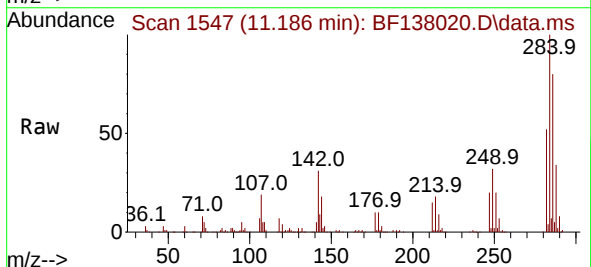
Instrument :
BNA_F
ClientSampleId :
PB161055BS

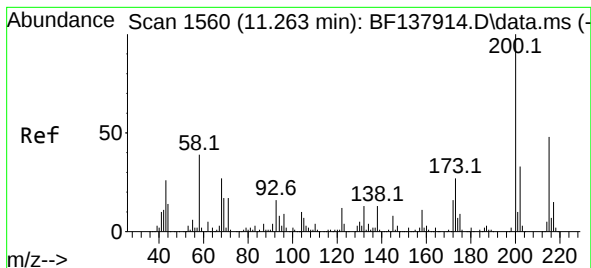
Tgt Ion:248 Resp: 289784
Ion Ratio Lower Upper
248 100
250 99.1 77.6 116.4
141 62.0 61.4 92.2



#68
Hexachlorobenzene
Concen: 40.813 ng
RT: 11.186 min Scan# 1547
Delta R.T. -0.000 min
Lab File: BF138020.D
Acq: 23 May 2024 11:21

Tgt Ion:284 Resp: 312178
Ion Ratio Lower Upper
284 100
142 31.1 21.3 31.9
249 31.9 24.6 37.0





#69

Atrazine

Concen: 51.819 ng

RT: 11.269 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF138020.D

Acq: 23 May 2024 11:21

Instrument :

BNA_F

ClientSampleId :

PB161055BS

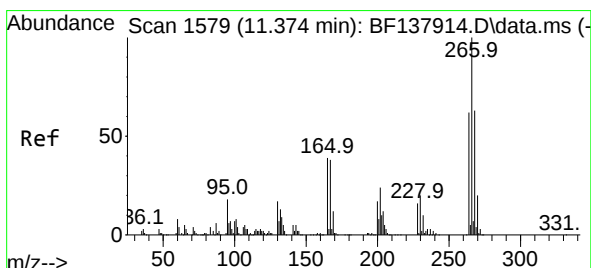
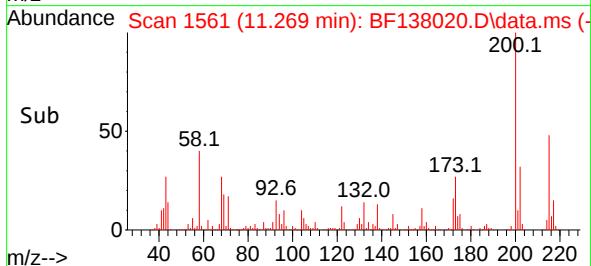
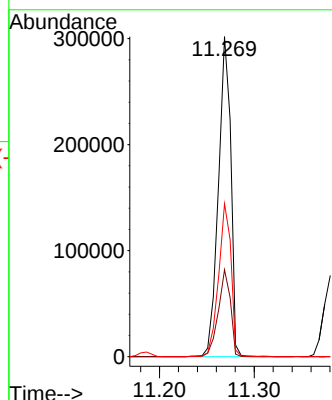
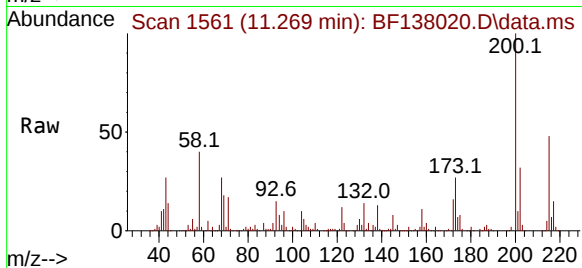
Tgt Ion:200 Resp: 273898

Ion Ratio Lower Upper

200 100

173 27.1 6.6 46.6

215 47.8 27.5 67.5



#70

Pentachlorophenol

Concen: 83.467 ng

RT: 11.380 min Scan# 1580

Delta R.T. 0.006 min

Lab File: BF138020.D

Acq: 23 May 2024 11:21

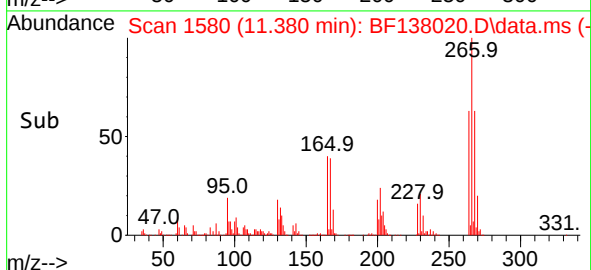
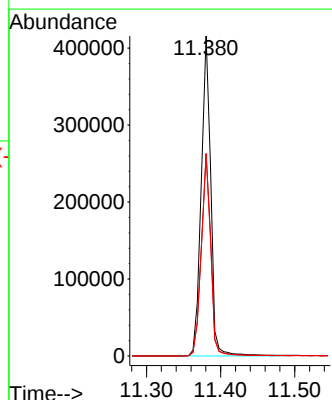
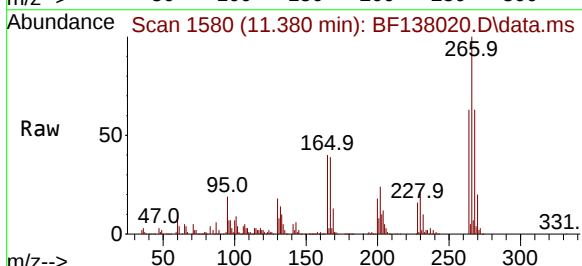
Tgt Ion:266 Resp: 373973

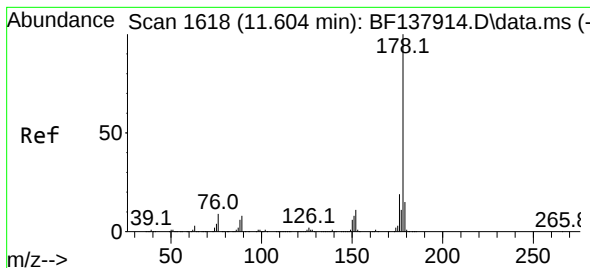
Ion Ratio Lower Upper

266 100

268 63.1 50.1 75.1

264 63.3 49.4 74.2





#71

Phenanthrene

Concen: 41.560 ng

RT: 11.610 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF138020.D

Acq: 23 May 2024 11:21

Instrument :

BNA_F

ClientSampleId :

PB161055BS

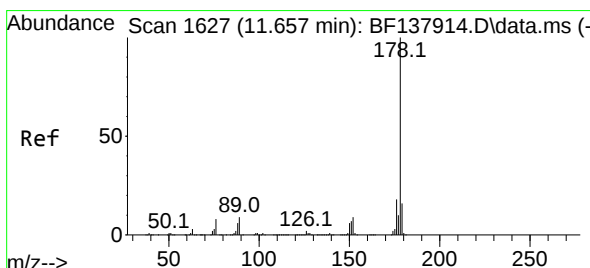
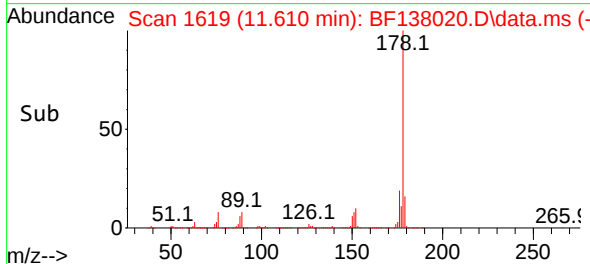
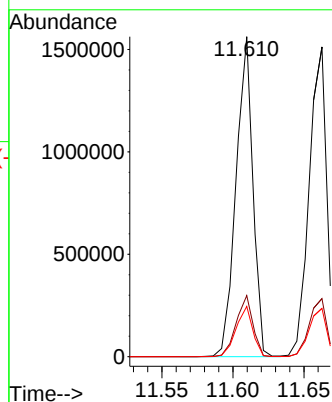
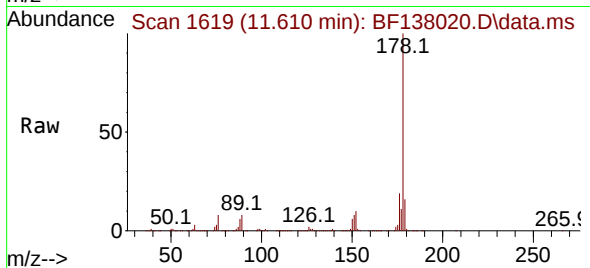
Tgt Ion:178 Resp: 1292715

Ion Ratio Lower Upper

178 100

176 19.1 15.2 22.8

179 15.7 12.2 18.4



#72

Anthracene

Concen: 42.243 ng

RT: 11.663 min Scan# 1628

Delta R.T. 0.006 min

Lab File: BF138020.D

Acq: 23 May 2024 11:21

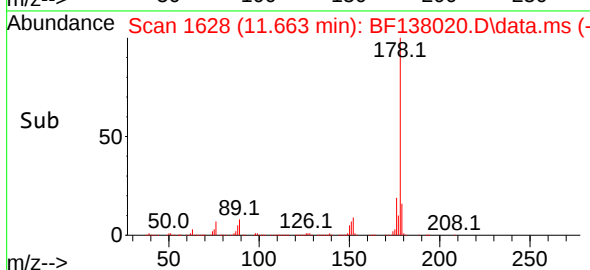
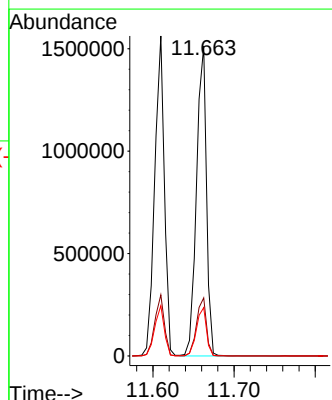
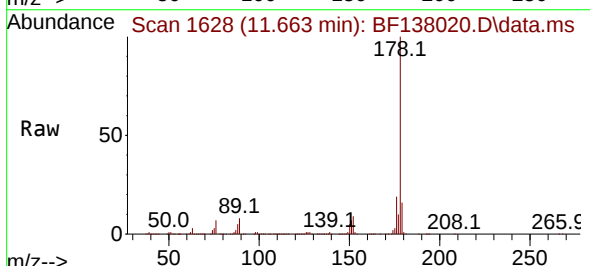
Tgt Ion:178 Resp: 1303690

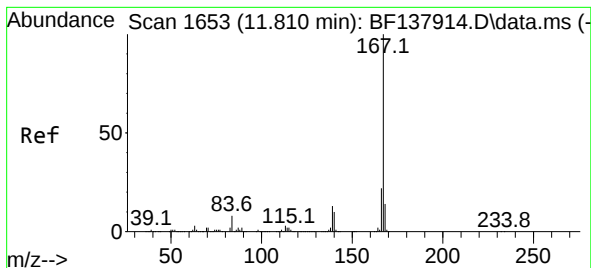
Ion Ratio Lower Upper

178 100

176 18.8 14.7 22.1

179 15.6 12.4 18.6





#73

Carbazole

Concen: 41.567 ng

RT: 11.816 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF138020.D

Acq: 23 May 2024 11:21

Instrument :

BNA_F

ClientSampleId :

PB161055BS

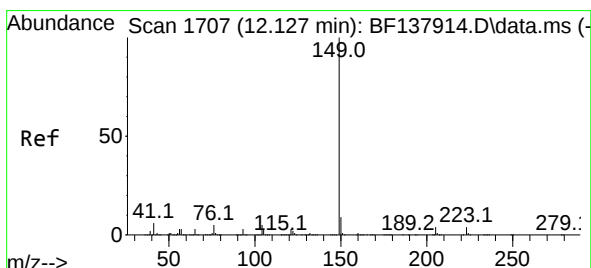
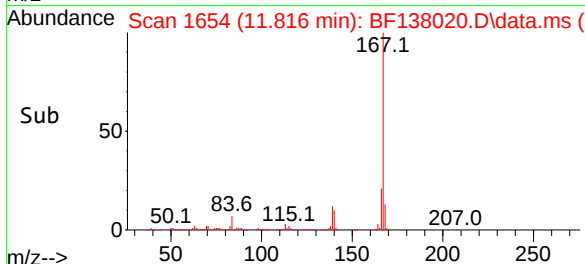
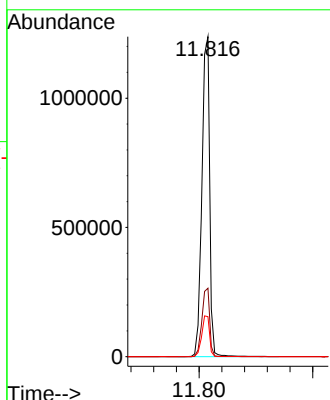
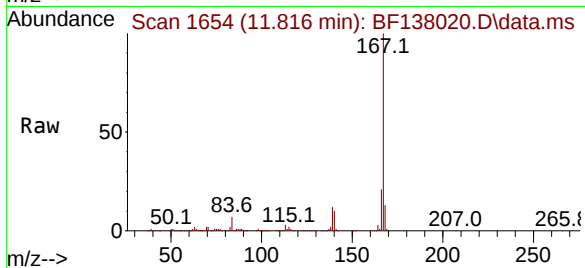
Tgt Ion:167 Resp: 1171864

Ion Ratio Lower Upper

167 100

166 21.4 17.3 25.9

139 12.5 10.3 15.5



#74

Di-n-butylphthalate

Concen: 44.067 ng

RT: 12.127 min Scan# 1707

Delta R.T. -0.000 min

Lab File: BF138020.D

Acq: 23 May 2024 11:21

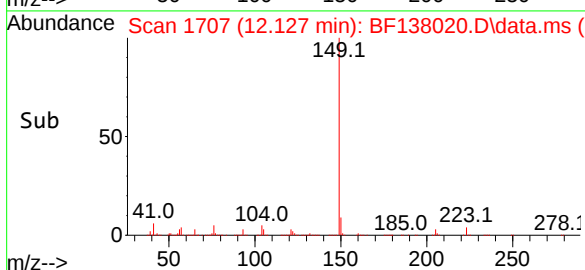
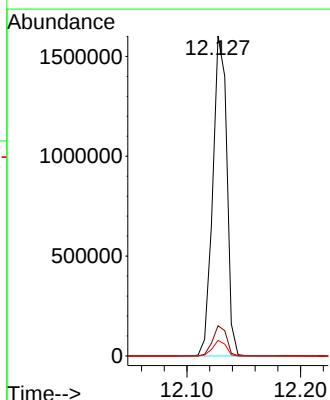
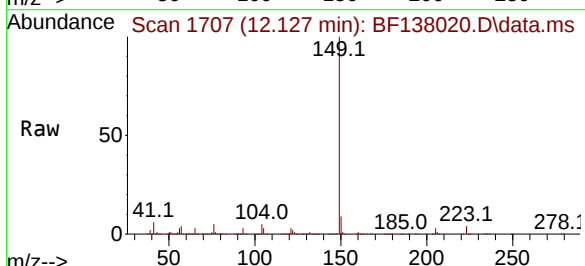
Tgt Ion:149 Resp: 1378707

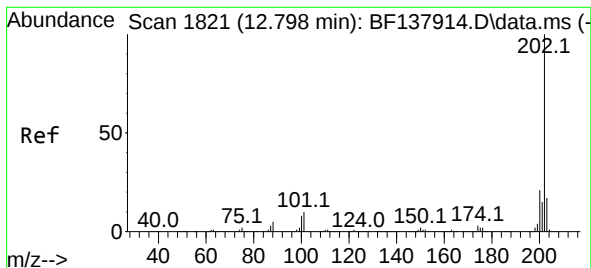
Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.2

104 4.9 3.6 5.4



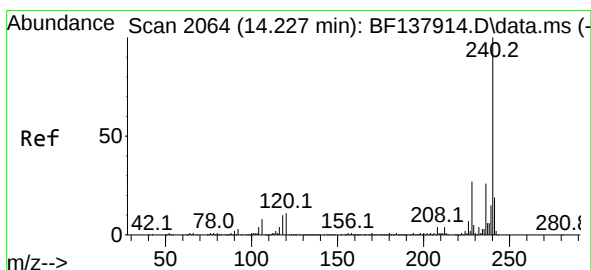
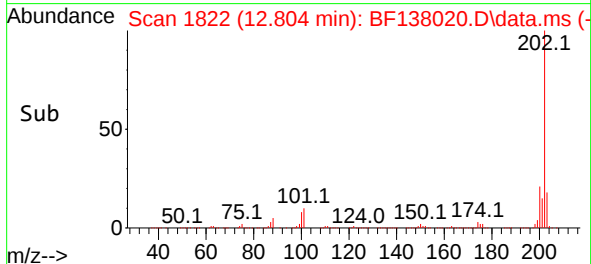
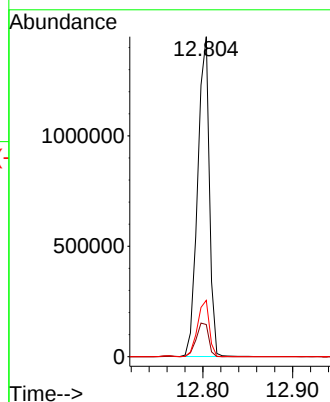
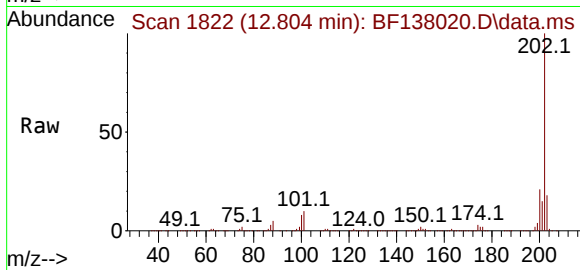


#75
Fluoranthene
Concen: 41.365 ng
RT: 12.804 min Scan# 1822
Delta R.T. 0.006 min
Lab File: BF138020.D
Acq: 23 May 2024 11:21

Instrument :
BNA_F
ClientSampleId :
PB161055BS

Tgt Ion:202 Resp: 1305974

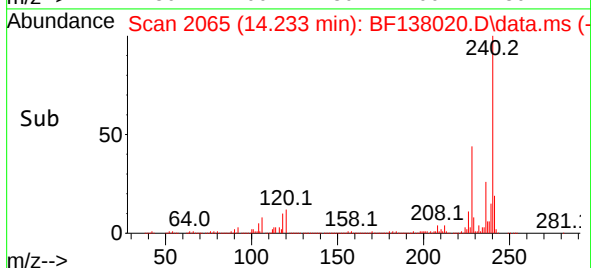
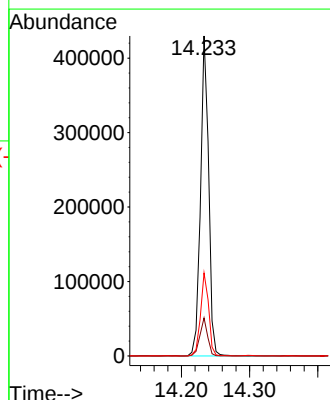
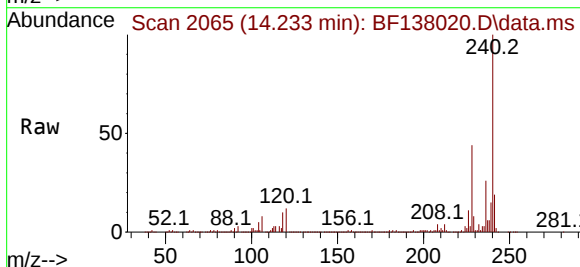
Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	30.5
203	17.6	0.0	37.3

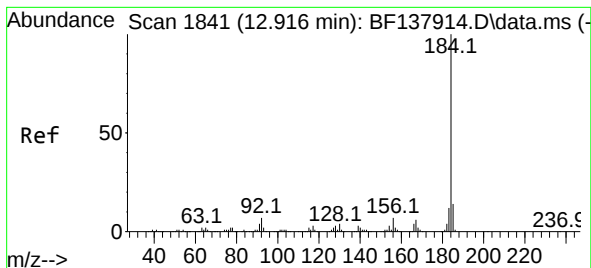


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.233 min Scan# 2065
Delta R.T. 0.006 min
Lab File: BF138020.D
Acq: 23 May 2024 11:21

Tgt Ion:240 Resp: 354682

Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.9	13.3
236	26.0	21.0	31.4





#77

Benzidine

Concen: 20.148 ng

RT: 12.916 min Scan# 1841

Delta R.T. -0.001 min

Lab File: BF138020.D

Acq: 23 May 2024 11:21

Instrument :

BNA_F

ClientSampleId :

PB161055BS

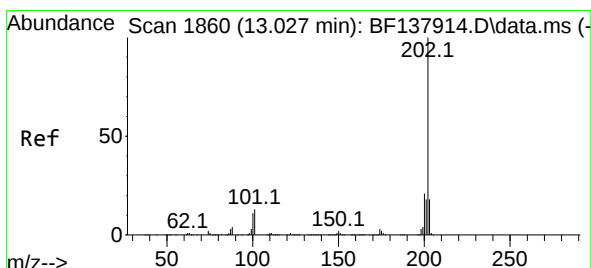
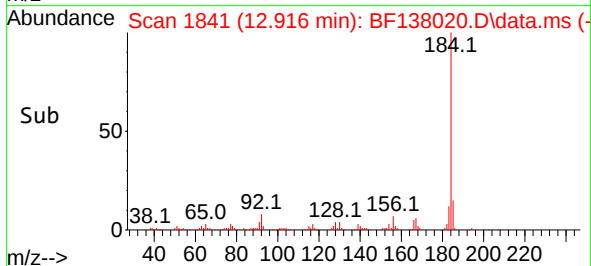
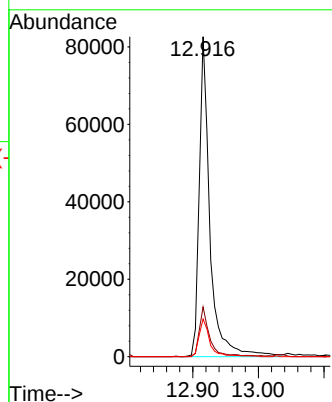
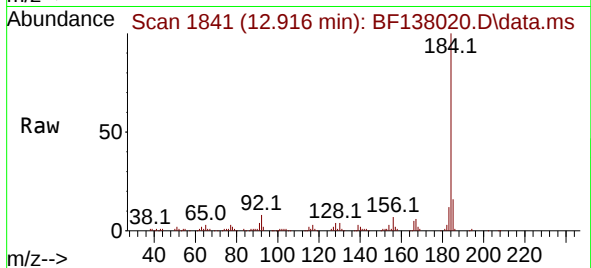
Tgt Ion:184 Resp: 93390

Ion Ratio Lower Upper

184 100

185 15.6 11.4 17.2

183 11.8 9.5 14.3



#78

Pyrene

Concen: 41.922 ng

RT: 13.033 min Scan# 1861

Delta R.T. 0.006 min

Lab File: BF138020.D

Acq: 23 May 2024 11:21

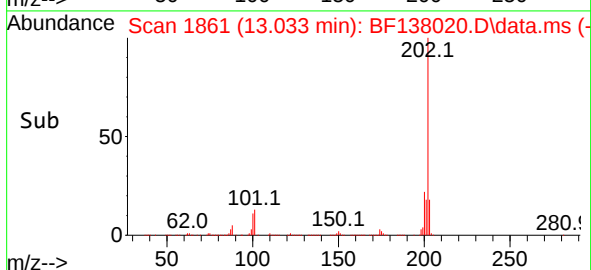
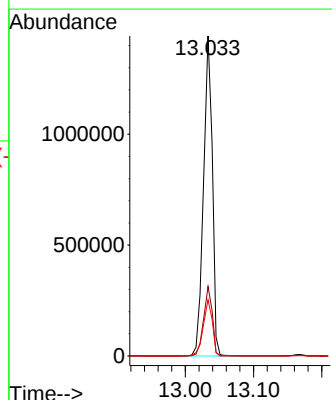
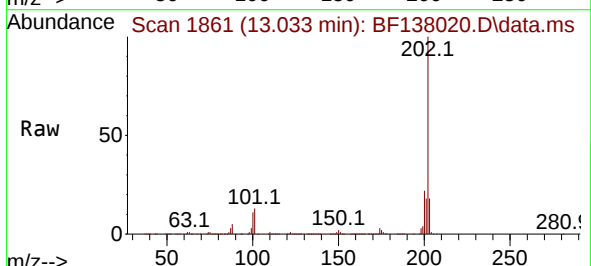
Tgt Ion:202 Resp: 1300504

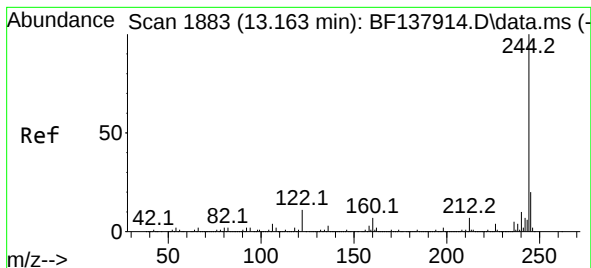
Ion Ratio Lower Upper

202 100

200 21.7 17.0 25.4

203 17.5 14.1 21.1





#79

Terphenyl-d14

Concen: 81.267 ng

RT: 13.168 min Scan# 1883

Delta R.T. 0.006 min

Lab File: BF138020.D

Acq: 23 May 2024 11:21

Instrument :

BNA_F

ClientSampleId :

PB161055BS

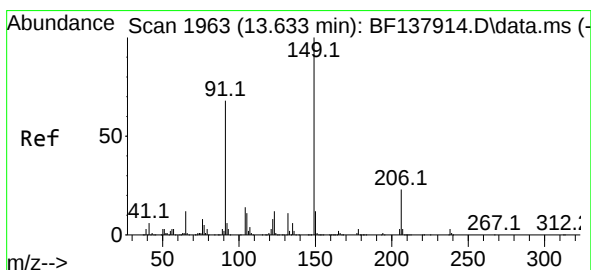
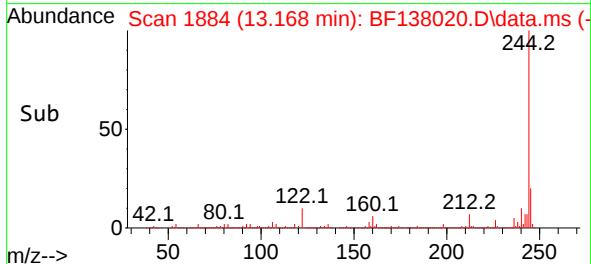
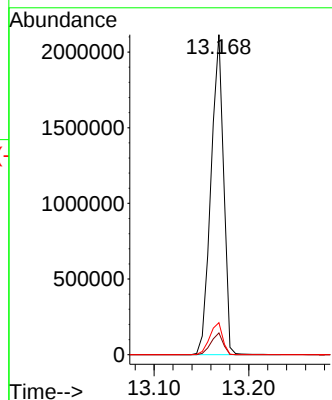
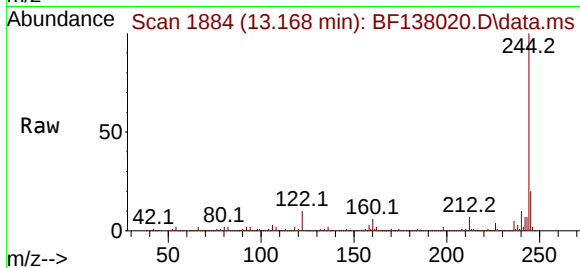
Tgt Ion:244 Resp: 1955763

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 10.0 8.8 13.2



#80

Butylbenzylphthalate

Concen: 50.724 ng

RT: 13.633 min Scan# 1963

Delta R.T. -0.000 min

Lab File: BF138020.D

Acq: 23 May 2024 11:21

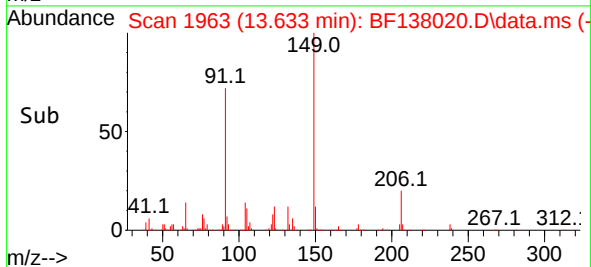
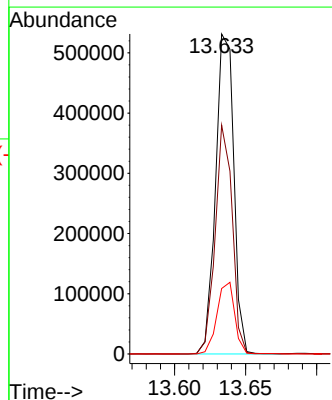
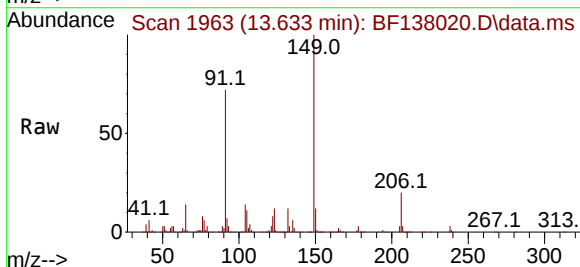
Tgt Ion:149 Resp: 474625

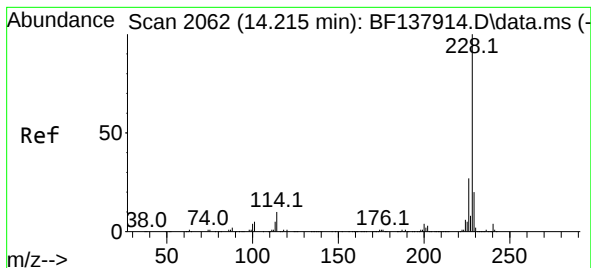
Ion Ratio Lower Upper

149 100

91 71.5 54.2 81.4

206 20.4 18.1 27.1





#81

Benzo(a)anthracene

Concen: 43.927 ng

RT: 14.221 min Scan# 2062

Delta R.T. 0.006 min

Lab File: BF138020.D

Acq: 23 May 2024 11:21

Instrument :

BNA_F

ClientSampleId :

PB161055BS

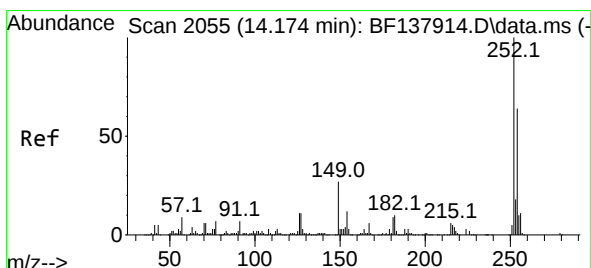
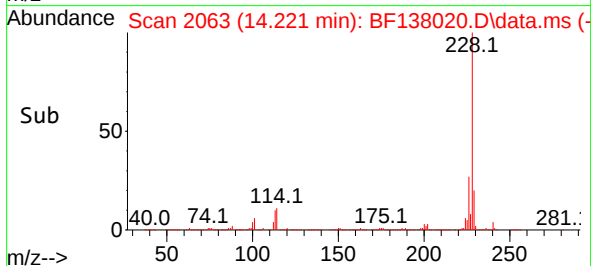
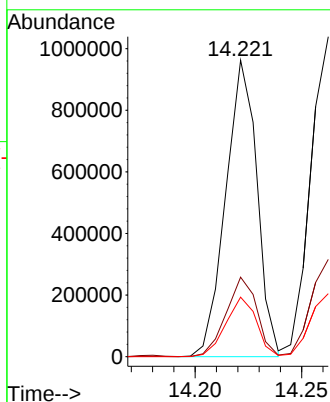
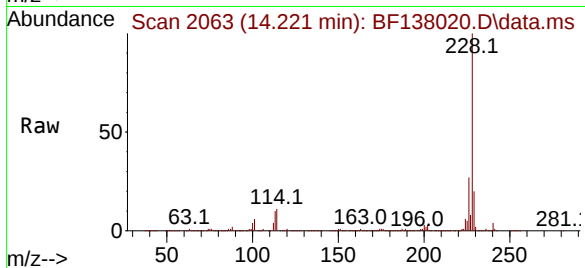
Tgt Ion:228 Resp: 985696

Ion Ratio Lower Upper

228 100

226 26.8 21.3 31.9

229 20.1 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 34.217 ng

RT: 14.180 min Scan# 2056

Delta R.T. 0.006 min

Lab File: BF138020.D

Acq: 23 May 2024 11:21

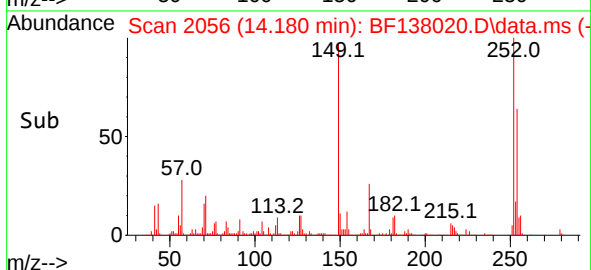
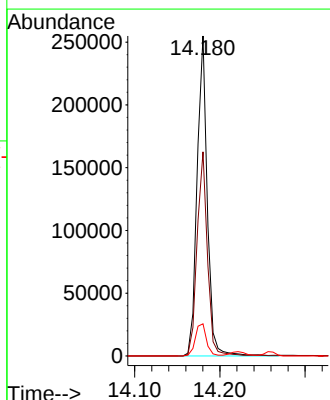
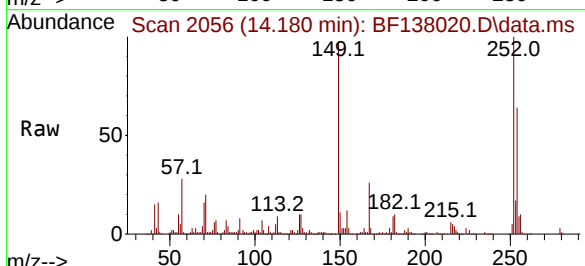
Tgt Ion:252 Resp: 212780

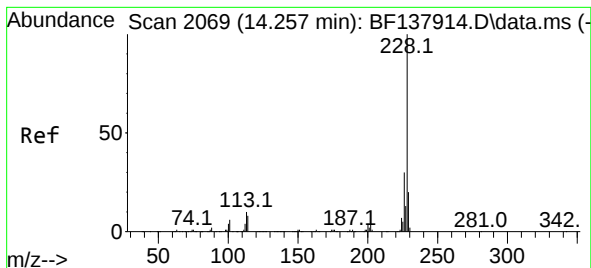
Ion Ratio Lower Upper

252 100

254 63.8 51.2 76.8

126 10.0 8.7 13.1





#83

Chrysene

Concen: 42.868 ng

RT: 14.262 min Scan# 2069

Delta R.T. 0.006 min

Lab File: BF138020.D

Acq: 23 May 2024 11:21

Instrument :

BNA_F

ClientSampleId :

PB161055BS

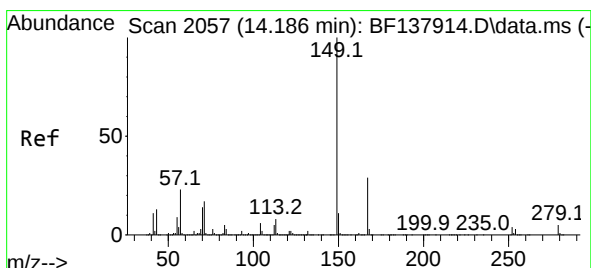
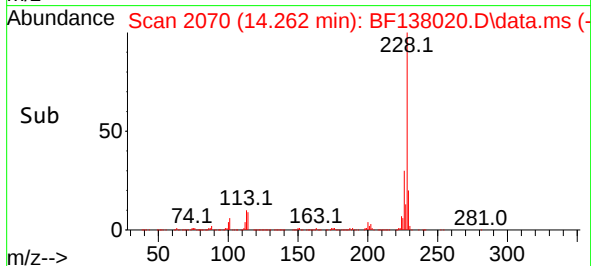
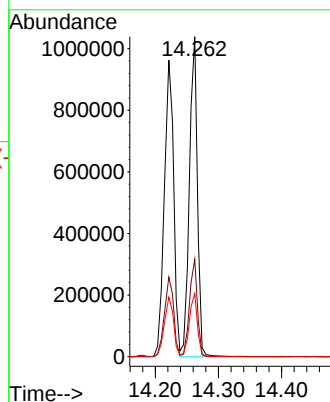
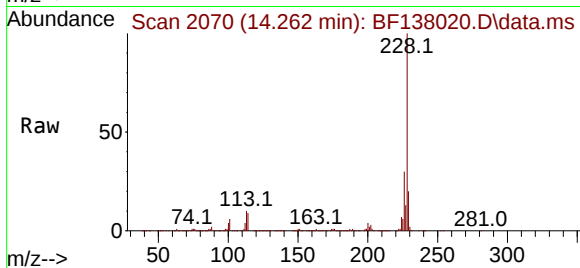
Tgt Ion:228 Resp: 919960

Ion Ratio Lower Upper

228 100

226 30.4 23.8 35.8

229 19.7 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.219 ng

RT: 14.186 min Scan# 2057

Delta R.T. -0.000 min

Lab File: BF138020.D

Acq: 23 May 2024 11:21

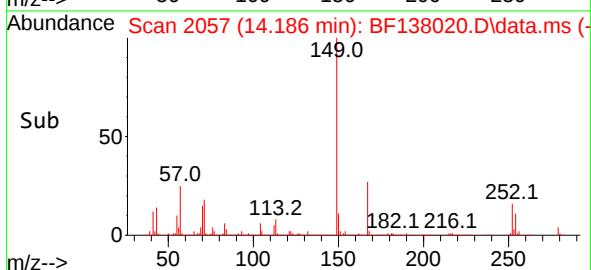
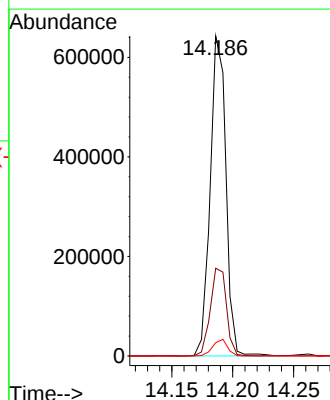
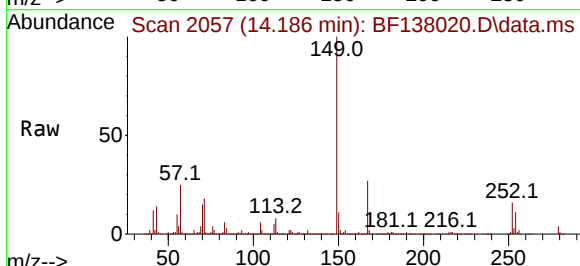
Tgt Ion:149 Resp: 578936

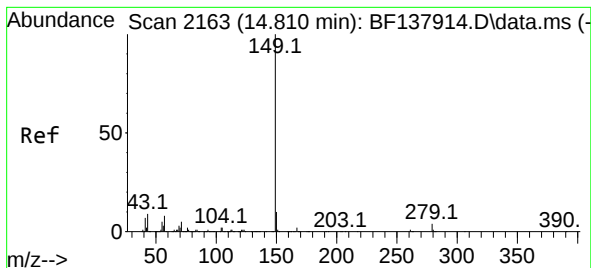
Ion Ratio Lower Upper

149 100

167 27.4 23.2 34.8

279 4.1 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 50.374 ng

RT: 14.815 min Scan# 2163

Delta R.T. 0.006 min

Lab File: BF138020.D

Acq: 23 May 2024 11:21

Instrument :

BNA_F

ClientSampleId :

PB161055BS

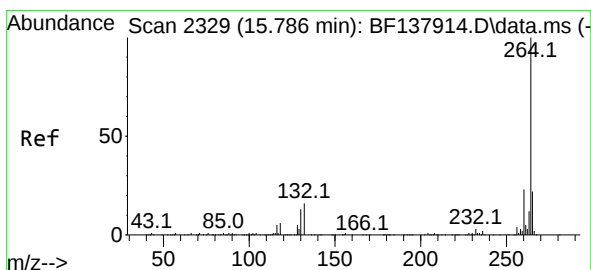
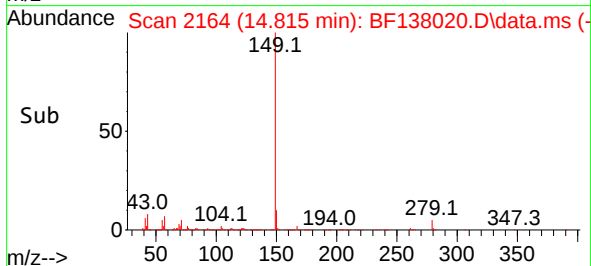
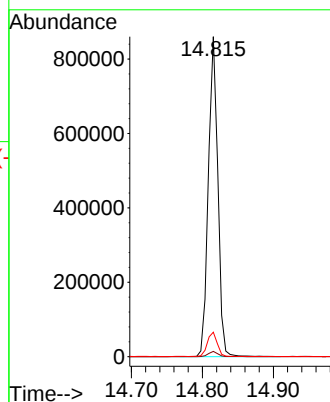
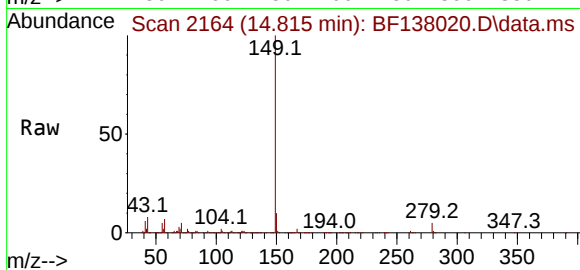
Tgt Ion:149 Resp: 800457

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 7.9 6.6 9.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.798 min Scan# 2331

Delta R.T. 0.012 min

Lab File: BF138020.D

Acq: 23 May 2024 11:21

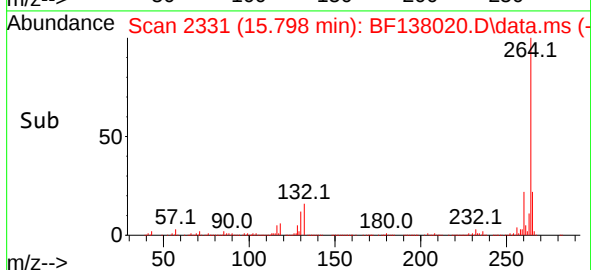
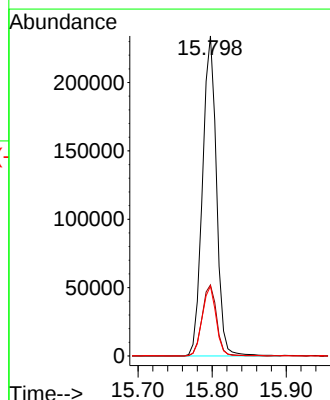
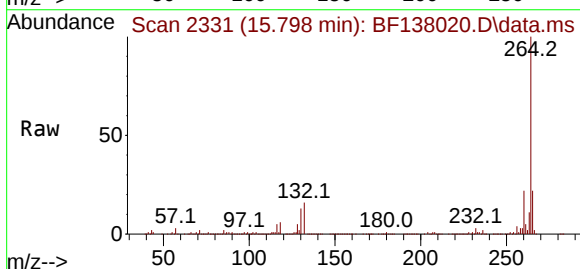
Tgt Ion:264 Resp: 306386

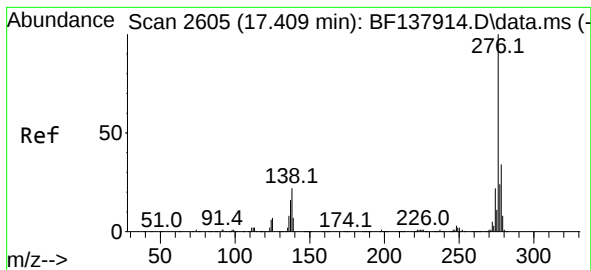
Ion Ratio Lower Upper

264 100

260 22.2 18.3 27.5

265 21.9 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.971 ng

RT: 17.433 min Scan# 2

Delta R.T. 0.023 min

Lab File: BF138020.D

Acq: 23 May 2024 11:21

Instrument :

BNA_F

ClientSampleId :

PB161055BS

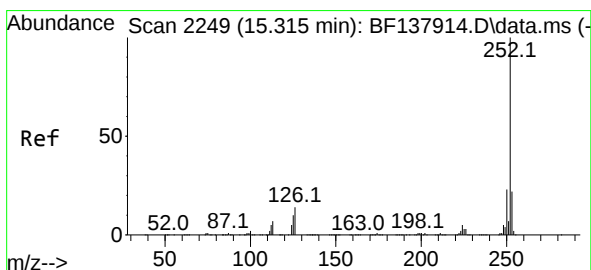
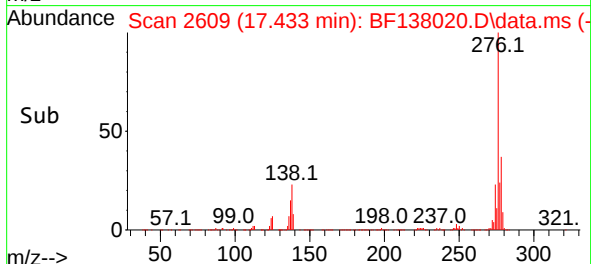
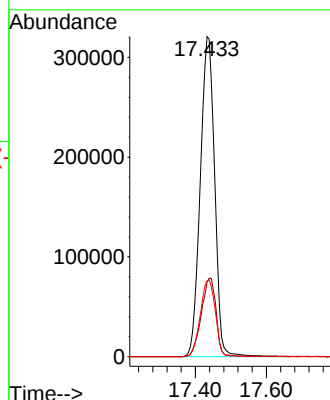
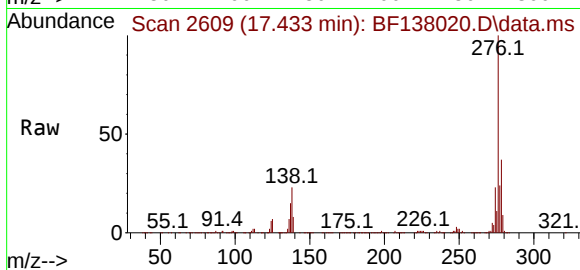
Tgt Ion:276 Resp: 904918

Ion Ratio Lower Upper

276 100

138 25.1 20.6 30.8

277 25.0 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 44.310 ng

RT: 15.327 min Scan# 2251

Delta R.T. 0.012 min

Lab File: BF138020.D

Acq: 23 May 2024 11:21

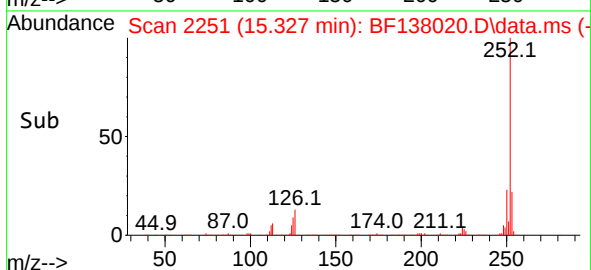
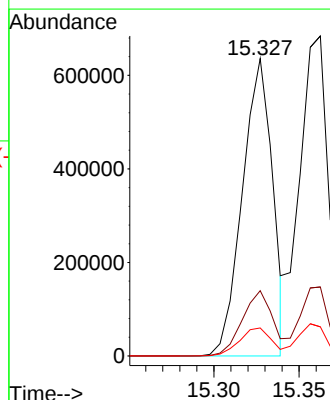
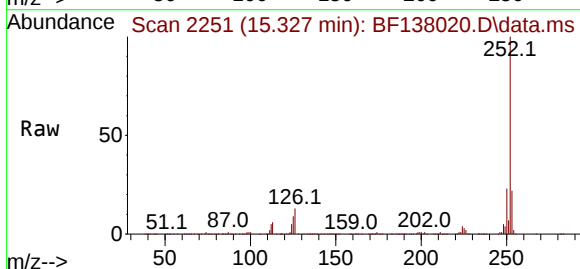
Tgt Ion:252 Resp: 786048

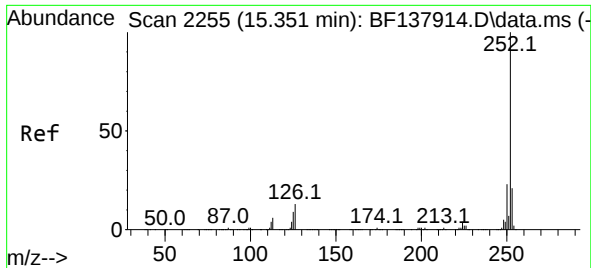
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 9.4 8.2 12.4

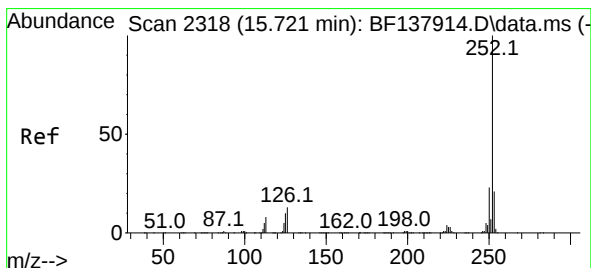
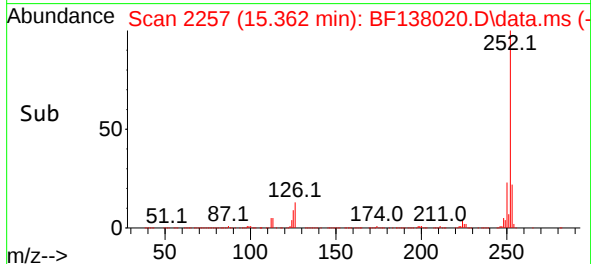
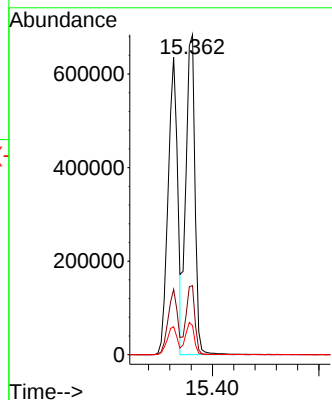
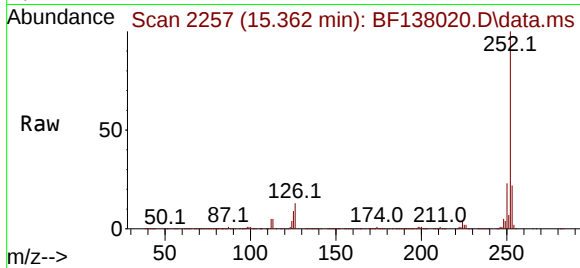




#89
Benzo(k)fluoranthene
Concen: 46.428 ng
RT: 15.362 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF138020.D
Acq: 23 May 2024 11:21

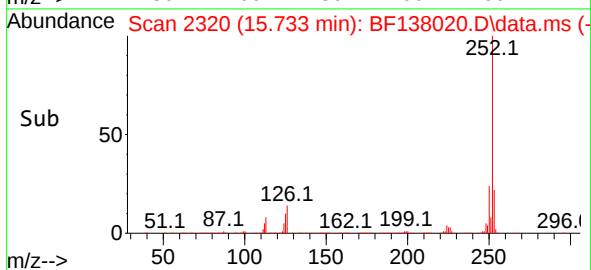
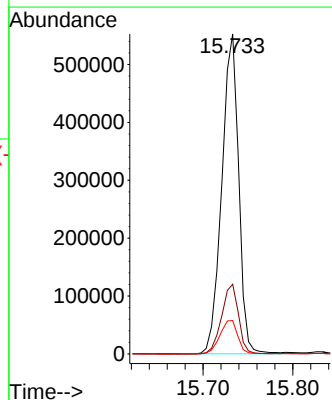
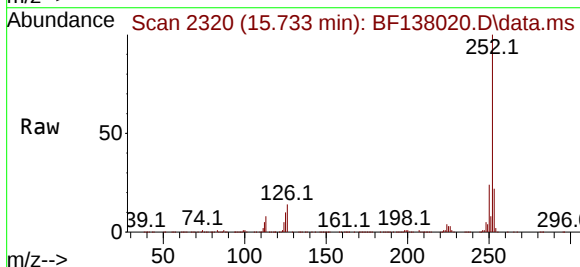
Instrument :
BNA_F
ClientSampleId :
PB161055BS

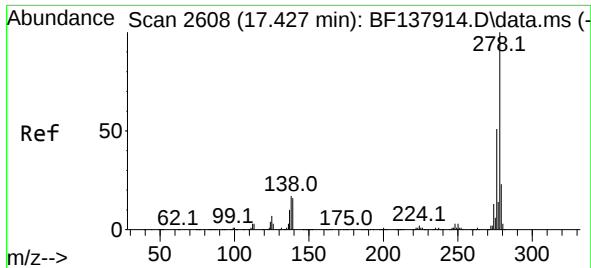
Tgt Ion:252 Resp: 809143
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.0
125 9.1 7.7 11.5



#90
Benzo(a)pyrene
Concen: 47.563 ng
RT: 15.733 min Scan# 2320
Delta R.T. 0.012 min
Lab File: BF138020.D
Acq: 23 May 2024 11:21

Tgt Ion:252 Resp: 720487
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 10.5 7.8 11.8

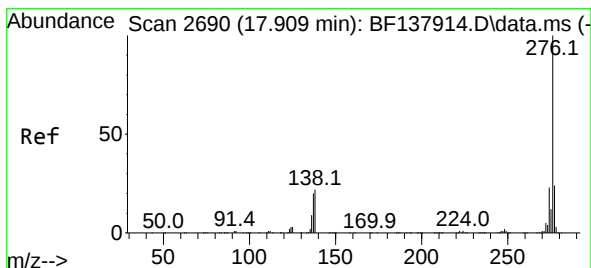
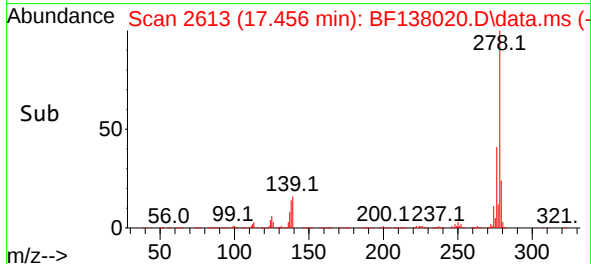
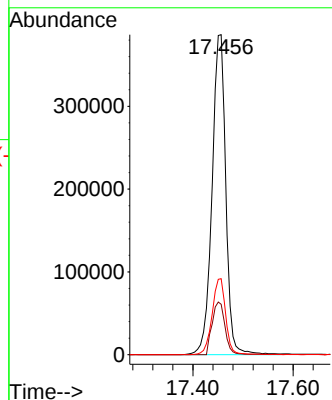
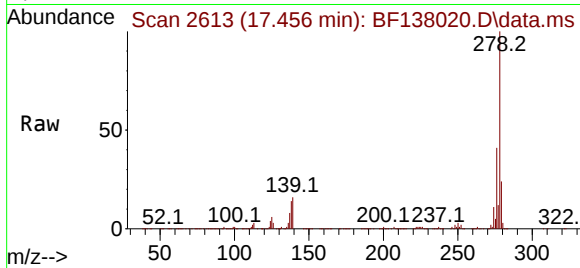




#91
Dibenzo(a,h)anthracene
Concen: 45.239 ng
RT: 17.456 min Scan# 2613
Delta R.T. 0.029 min
Lab File: BF138020.D
Acq: 23 May 2024 11:21

Instrument :
BNA_F
ClientSampleId :
PB161055BS

Tgt Ion:278 Resp: 735752
Ion Ratio Lower Upper
278 100
139 15.7 13.1 19.7
279 23.7 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 41.088 ng
RT: 17.933 min Scan# 2694
Delta R.T. 0.024 min
Lab File: BF138020.D
Acq: 23 May 2024 11:21

Tgt Ion:276 Resp: 701985
Ion Ratio Lower Upper
276 100
277 23.8 18.9 28.3
138 21.5 17.6 26.4

