

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071124\
 Data File : BF138532.D
 Acq On : 11 Jul 2024 19:50
 Operator : CG\JU
 Sample : P3187-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Quant Time: Jul 12 01:13:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	83811	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	330288	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	179528	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	271462	20.000	ng	# 0.00
76) Chrysene-d12	14.021	240	154269	20.000	ng	0.00
86) Perylene-d12	15.480	264	179182	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	484252	91.508	ng	0.00
7) Phenol-d6	6.504	99	648986	92.188	ng	0.00
23) Nitrobenzene-d5	7.428	82	424985	63.175	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	146107	87.079	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	756405	65.850	ng	0.00
79) Terphenyl-d14	12.963	244	615379	64.985	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	107763	45.979	ng	99
3) Pyridine	3.463	79	292395	50.588	ng	99
4) n-Nitrosodimethylamine	3.434	42	207524	55.155	ng	95
6) Aniline	6.528	93	329991	50.046	ng	99
8) 2-Chlorophenol	6.651	128	319207	57.046	ng	97
9) Benzaldehyde	6.416	77	37366	9.916	ng	97
10) Phenol	6.516	94	415084	55.549	ng	96
11) bis(2-Chloroethyl)ether	6.604	93	308043	54.754	ng	98
12) 1,3-Dichlorobenzene	6.804	146	332855	52.920	ng	98
13) 1,4-Dichlorobenzene	6.881	146	336942	52.753	ng	99
14) 1,2-Dichlorobenzene	7.034	146	320189	53.824	ng	96
15) Benzyl Alcohol	7.010	79	299245	56.641	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.134	45	592401	53.545	ng	96
17) 2-Methylphenol	7.122	107	250353	54.591	ng	96
18) Hexachloroethane	7.375	117	127341	54.232	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	235852	54.220	ng	96
20) 3+4-Methylphenols	7.275	107	310567	53.779	ng	# 89
22) Acetophenone	7.275	105	407014	50.739	ng	97
24) Nitrobenzene	7.451	77	364666	53.343	ng	94
25) Isophorone	7.687	82	661740	57.281	ng	99
26) 2-Nitrophenol	7.763	139	172435	58.851	ng	95
27) 2,4-Dimethylphenol	7.798	122	220244	61.159	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	384773	55.730	ng	98
29) 2,4-Dichlorophenol	8.010	162	264165	56.488	ng	96
30) 1,2,4-Trichlorobenzene	8.087	180	287662	52.804	ng	97
31) Naphthalene	8.169	128	927097	53.971	ng	99
32) Benzoic acid	7.934	122	155970	45.410	ng	91
33) 4-Chloroaniline	8.216	127	235941	39.147	ng	100
34) Hexachlorobutadiene	8.281	225	177933	53.040	ng	99
35) Caprolactam	8.592	113	48902	32.406	ng	96
36) 4-Chloro-3-methylphenol	8.704	107	281750	53.816	ng	100
37) 2-Methylnaphthalene	8.857	142	602759	54.527	ng	99
38) 1-Methylnaphthalene	8.957	142	557650	51.689	ng	99
40) 1,2,4,5-Tetrachloroben...	9.022	216	260023	51.968	ng	99
41) Hexachlorocyclopentadiene	9.010	237	260870	160.628	ng	100
43) 2,4,6-Trichlorophenol	9.139	196	177169	55.510	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071124\
 Data File : BF138532.D
 Acq On : 11 Jul 2024 19:50
 Operator : CG\JU
 Sample : P3187-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

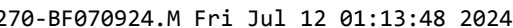
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

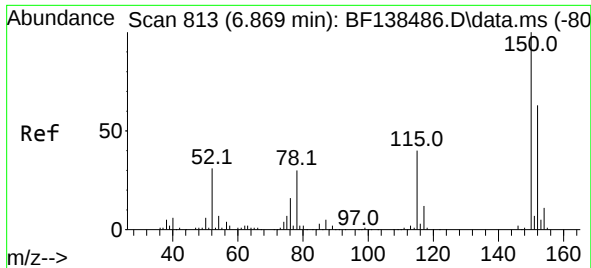
Quant Time: Jul 12 01:13:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	187145	53.311	ng	96
46) 1,1'-Biphenyl	9.322	154	705803	51.877	ng	99
47) 2-Chloronaphthalene	9.351	162	558626	54.350	ng	98
48) 2-Nitroaniline	9.445	65	193746	54.396	ng	93
49) Acenaphthylene	9.763	152	857417	58.756	ng	99
50) Dimethylphthalate	9.628	163	645617	55.615	ng	100
51) 2,6-Dinitrotoluene	9.686	165	141179	52.820	ng	# 82
52) Acenaphthene	9.934	154	515975	53.192	ng	99
53) 3-Nitroaniline	9.857	138	109532	39.983	ng	95
54) 2,4-Dinitrophenol	9.969	184	126778	87.889	ng	# 83
55) Dibenzofuran	10.110	168	753791	53.576	ng	99
56) 4-Nitrophenol	10.028	139	175904	87.023	ng	97
57) 2,4-Dinitrotoluene	10.092	165	179323	51.853	ng	98
58) Fluorene	10.451	166	580187	52.116	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.228	232	145030	52.348	ng	98
60) Diethylphthalate	10.322	149	614193	54.882	ng	99
61) 4-Chlorophenyl-phenyle...	10.439	204	291392	52.125	ng	91
62) 4-Nitroaniline	10.475	138	125800	45.826	ng	98
63) Azobenzene	10.598	77	646565	53.737	ng	98
65) 4,6-Dinitro-2-methylph...	10.498	198	95437	60.887	ng	83
66) n-Nitrosodiphenylamine	10.563	169	494691	60.824	ng	99
67) 4-Bromophenyl-phenylether	10.928	248	168995	60.569	ng	95
68) Hexachlorobenzene	10.992	284	183029	59.049	ng	99
69) Atrazine	11.086	200	151399	56.146	ng	98
70) Pentachlorophenol	11.192	266	180947	98.656	ng	97
71) Phenanthrene	11.410	178	766749	55.908	ng	99
72) Anthracene	11.463	178	784006	57.589	ng	99
73) Carbazole	11.616	167	617271	50.454	ng	99
74) Di-n-butylphthalate	11.945	149	877190	62.202	ng	99
75) Fluoranthene	12.598	202	686570	49.061	ng	100
77) Benzidine	12.716	184	122387	31.444	ng	98
78) Pyrene	12.827	202	684124	43.685	ng	100
80) Butylbenzylphthalate	13.439	149	297589	63.170	ng	98
81) Benzo(a)anthracene	14.010	228	577650	55.804	ng	100
82) 3,3'-Dichlorobenzidine	13.974	252	160421	60.143	ng	98
83) Chrysene	14.051	228	560350	57.222	ng	100
84) Bis(2-ethylhexyl)phtha...	13.998	149	423986	84.387	ng	100
85) Di-n-octyl phthalate	14.610	149	715447	90.139	ng	99
87) Indeno(1,2,3-cd)pyrene	16.951	276	482113	40.057	ng	99
88) Benzo(b)fluoranthene	15.057	252	592122	58.678	ng	100
89) Benzo(k)fluoranthene	15.092	252	544716	55.348	ng	98
90) Benzo(a)pyrene	15.427	252	522037	58.891	ng	98
91) Dibenzo(a,h)anthracene	16.974	278	396781	40.302	ng	98
92) Benzo(g,h,i)perylene	17.398	276	345473	33.092	ng	97

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

Quant Time: Jul 12 01:13:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:58:40 2024
Response via : Initial Calibration

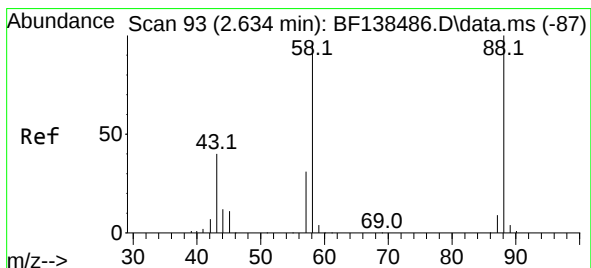
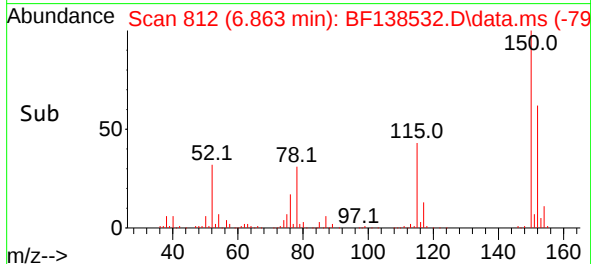
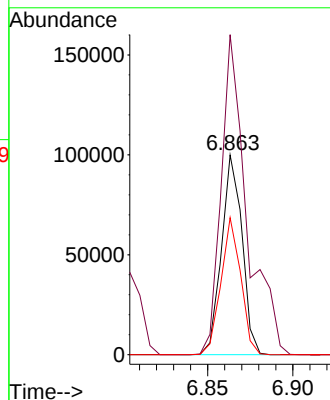
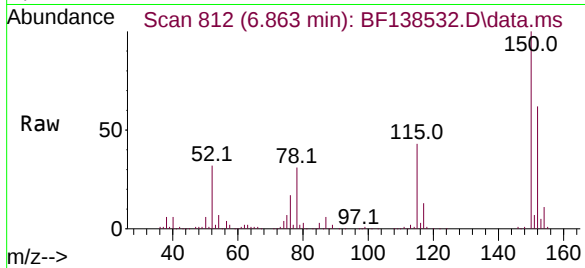




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF138532.D
 Acq: 11 Jul 2024 19:50

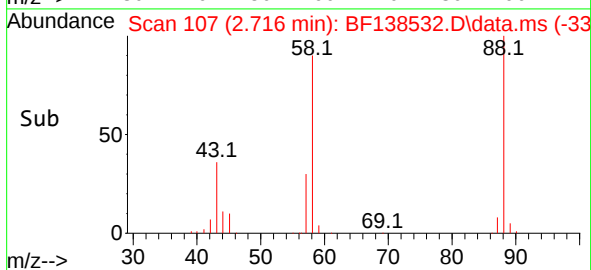
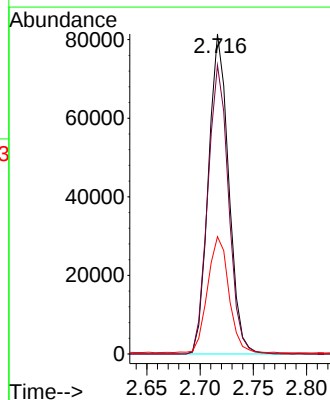
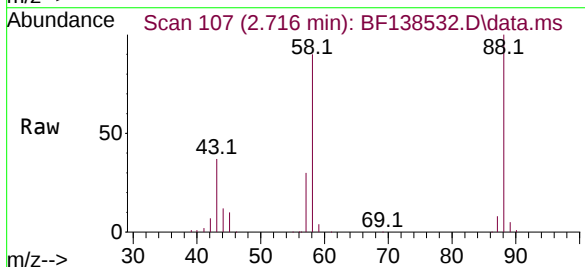
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

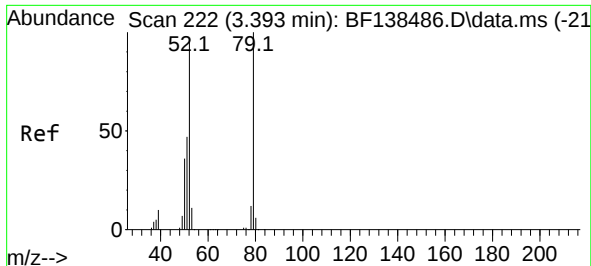
Tgt Ion:152 Resp: 83811
 Ion Ratio Lower Upper
 152 100
 150 160.3 126.2 189.4
 115 68.6 50.3 75.5



#2
 1,4-Dioxane
 Concen: 45.979 ng
 RT: 2.716 min Scan# 107
 Delta R.T. 0.083 min
 Lab File: BF138532.D
 Acq: 11 Jul 2024 19:50

Tgt Ion: 88 Resp: 107763
 Ion Ratio Lower Upper
 88 100
 58 92.4 74.6 112.0
 43 38.2 31.8 47.6





#3

Pyridine

Concen: 50.588 ng

RT: 3.463 min Scan# 21

Delta R.T. 0.071 min

Lab File: BF138532.D

Acq: 11 Jul 2024 19:50

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

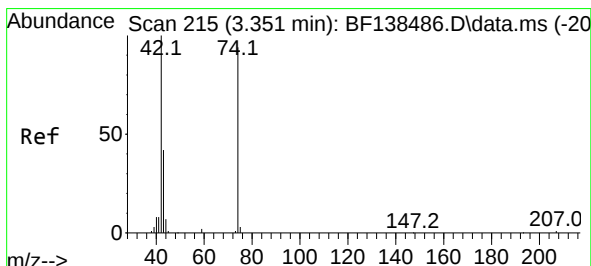
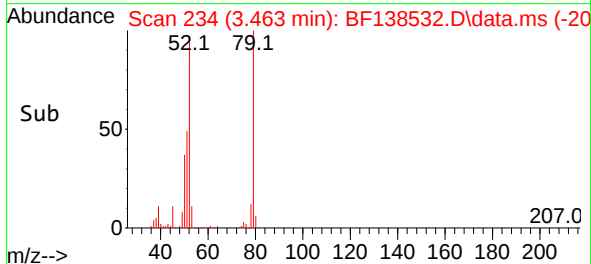
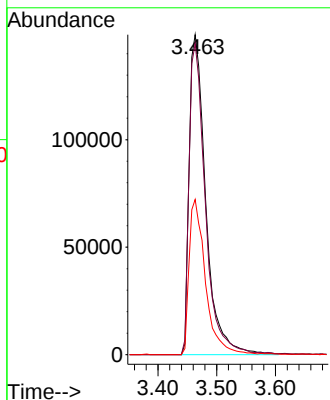
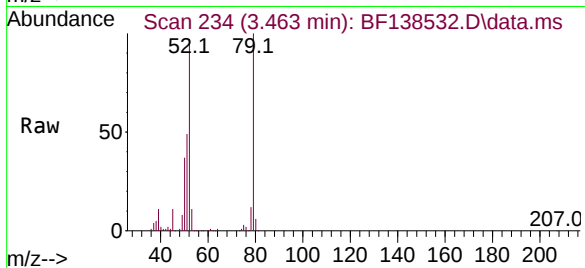
Tgt Ion: 79 Resp: 292395

Ion Ratio Lower Upper

79 100

52 97.2 77.4 116.2

51 48.5 37.4 56.0



#4

n-Nitrosodimethylamine

Concen: 55.155 ng

RT: 3.434 min Scan# 229

Delta R.T. 0.083 min

Lab File: BF138532.D

Acq: 11 Jul 2024 19:50

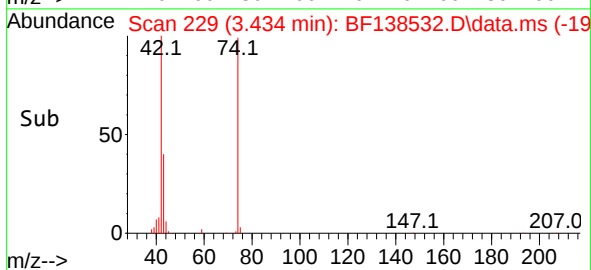
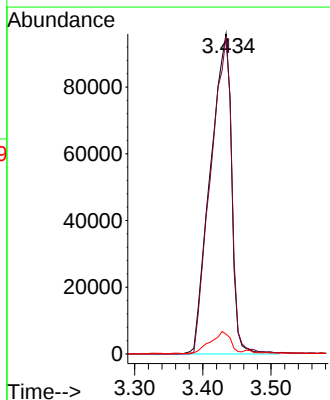
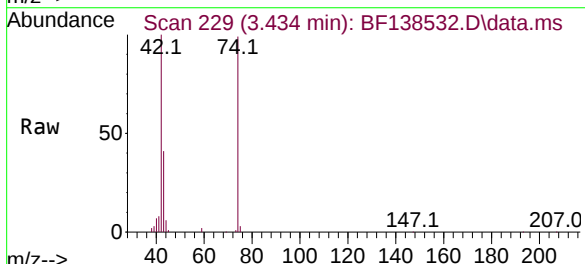
Tgt Ion: 42 Resp: 207524

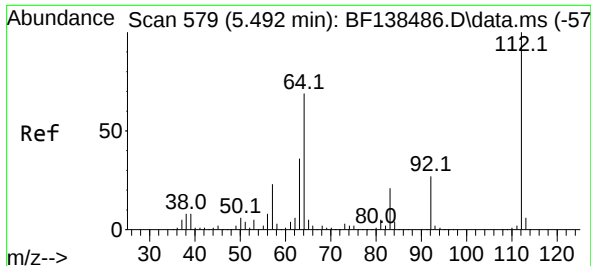
Ion Ratio Lower Upper

42 100

74 99.2 75.0 112.6

44 6.2 5.4 8.2

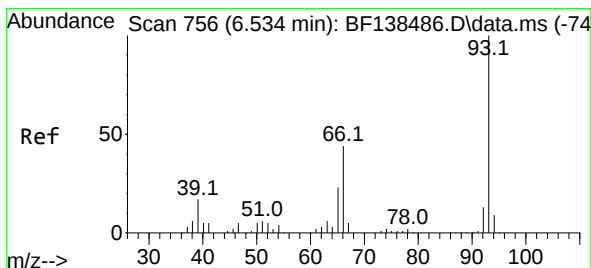
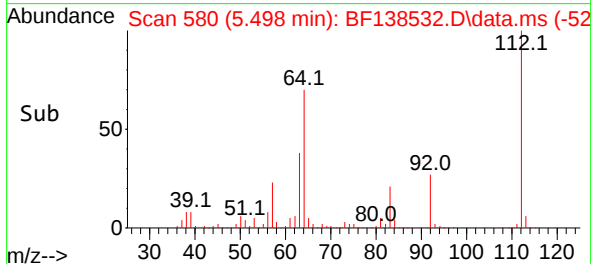
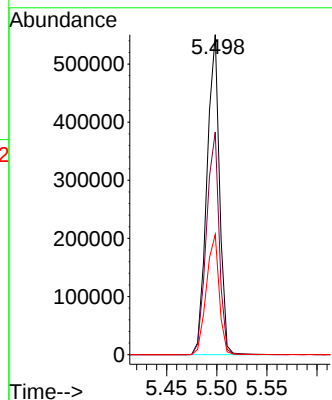
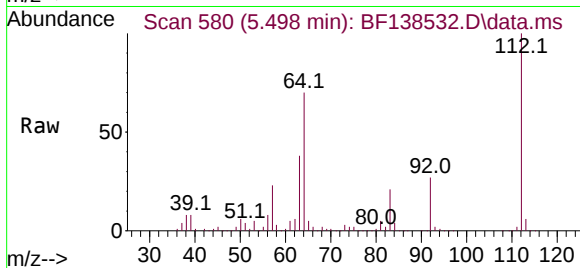




#5
2-Fluorophenol
Concen: 91.508 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF138532.D
Acq: 11 Jul 2024 19:50

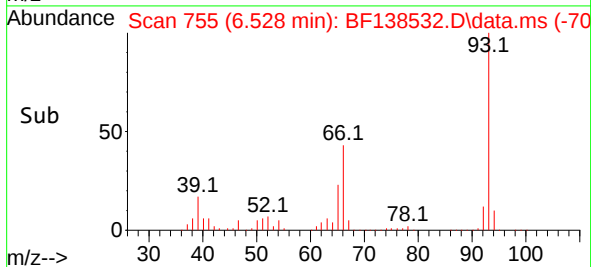
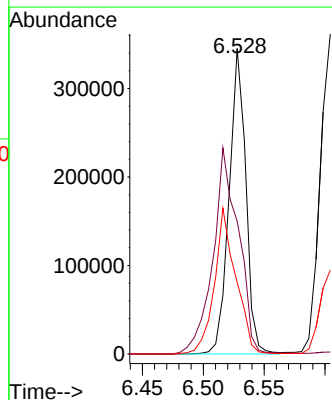
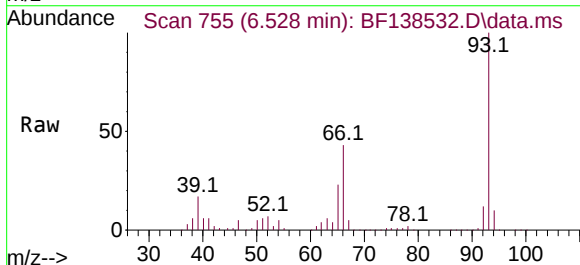
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

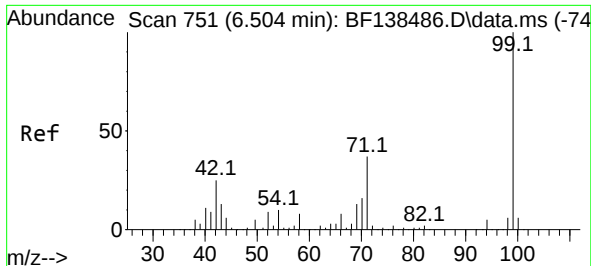
Tgt Ion:112 Resp: 484252
Ion Ratio Lower Upper
112 100
64 69.6 55.1 82.7
63 37.6 29.0 43.6



#6
Aniline
Concen: 50.046 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF138532.D
Acq: 11 Jul 2024 19:50

Tgt Ion: 93 Resp: 329991
Ion Ratio Lower Upper
93 100
66 43.4 35.4 53.0
65 23.5 18.6 27.8





#7

Phenol-d6

Concen: 92.188 ng

RT: 6.504 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF138532.D

Acq: 11 Jul 2024 19:50

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

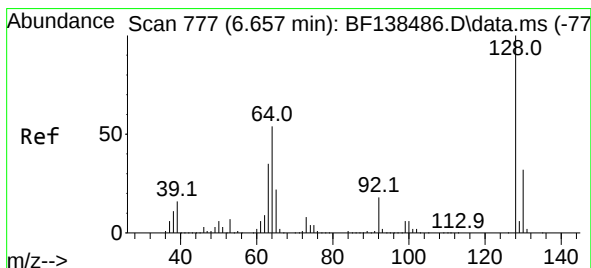
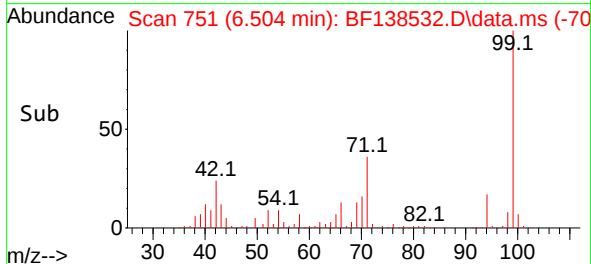
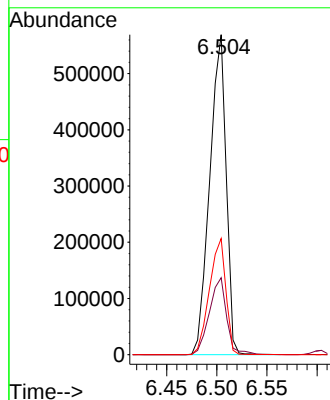
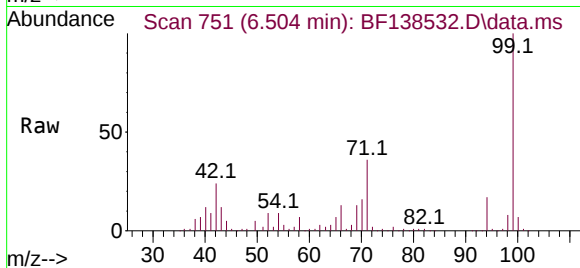
Tgt Ion: 99 Resp: 648986

Ion Ratio Lower Upper

99 100

42 24.0 19.7 29.5

71 36.3 29.9 44.9



#8

2-Chlorophenol

Concen: 57.046 ng

RT: 6.651 min Scan# 776

Delta R.T. -0.006 min

Lab File: BF138532.D

Acq: 11 Jul 2024 19:50

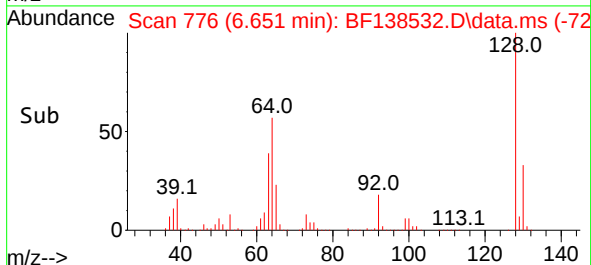
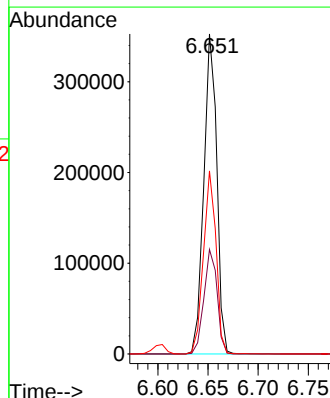
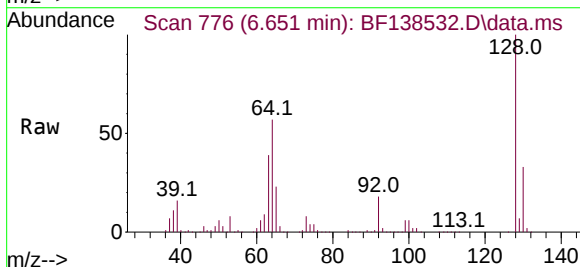
Tgt Ion:128 Resp: 319207

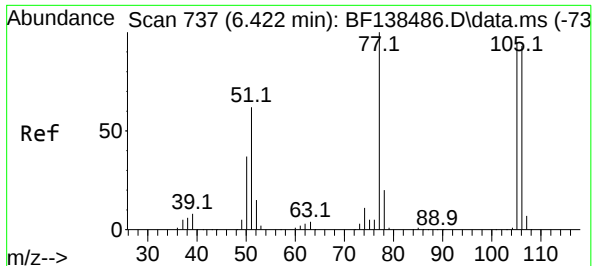
Ion Ratio Lower Upper

128 100

130 32.6 12.1 52.1

64 57.2 34.4 74.4





#9

Benzaldehyde

Concen: 9.916 ng

RT: 6.416 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF138532.D

Acq: 11 Jul 2024 19:50

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

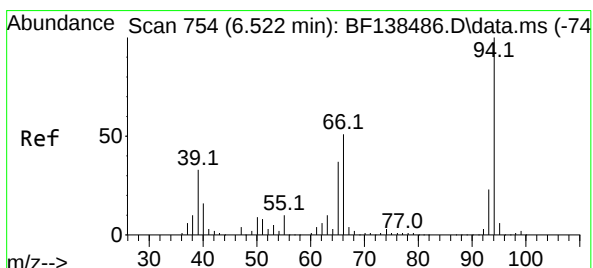
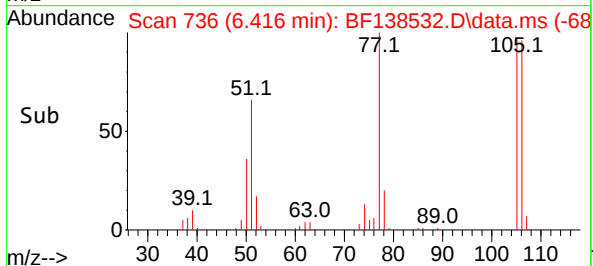
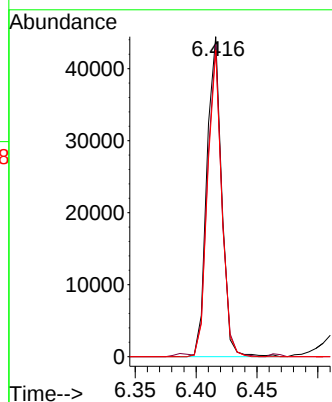
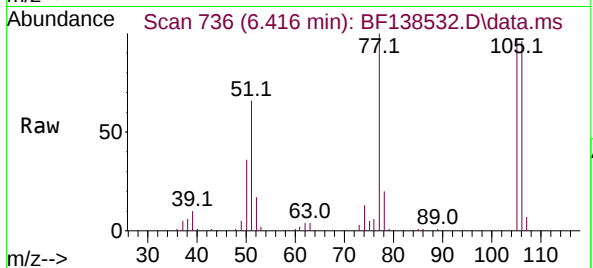
Tgt Ion: 77 Resp: 37366

Ion Ratio Lower Upper

77 100

105 97.5 75.1 115.1

106 95.7 73.2 113.2



#10

Phenol

Concen: 55.549 ng

RT: 6.516 min Scan# 753

Delta R.T. -0.006 min

Lab File: BF138532.D

Acq: 11 Jul 2024 19:50

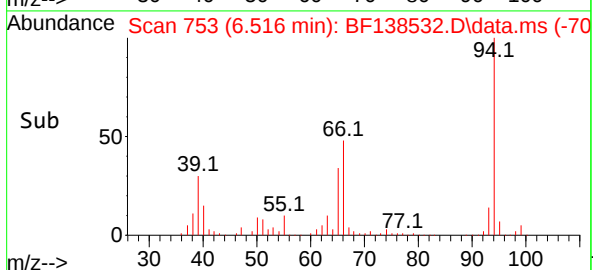
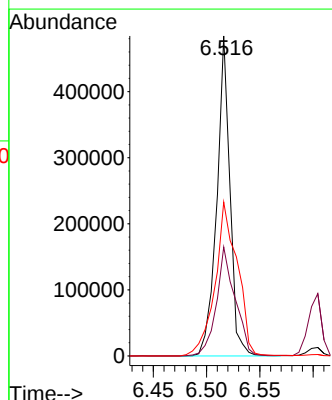
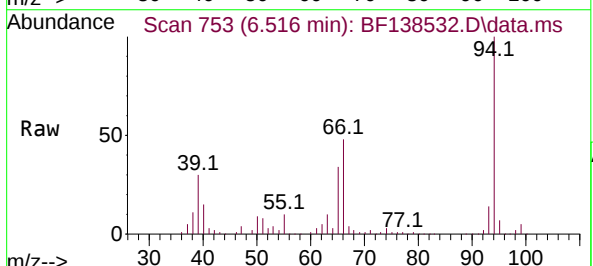
Tgt Ion: 94 Resp: 415084

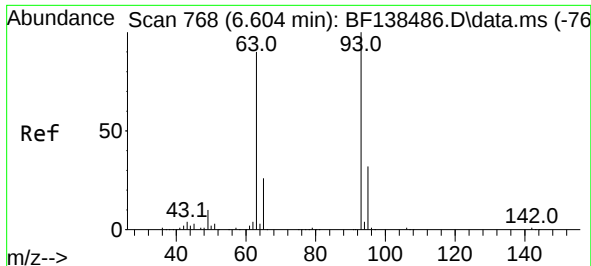
Ion Ratio Lower Upper

94 100

65 34.0 16.7 56.7

66 48.1 31.2 71.2

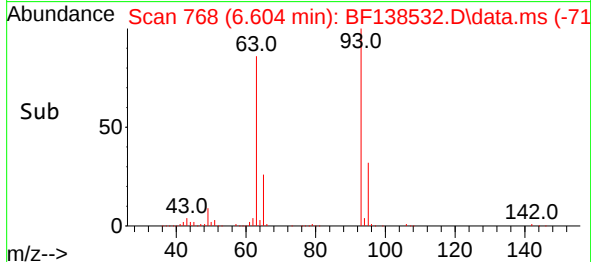
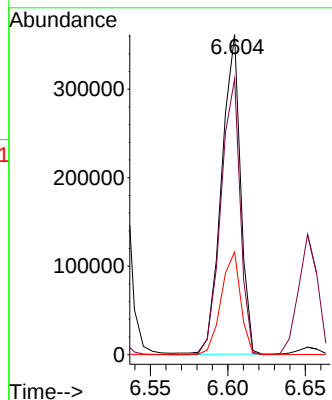
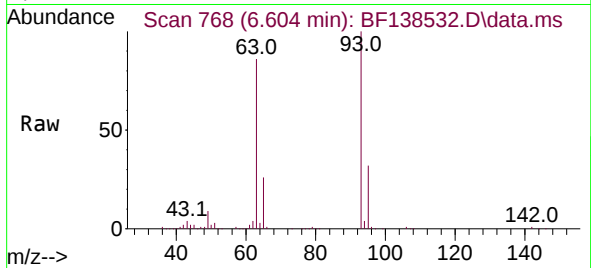




#11
bis(2-Chloroethyl)ether
Concen: 54.754 ng
RT: 6.604 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF138532.D
Acq: 11 Jul 2024 19:50

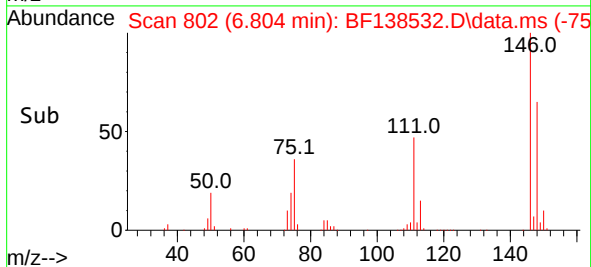
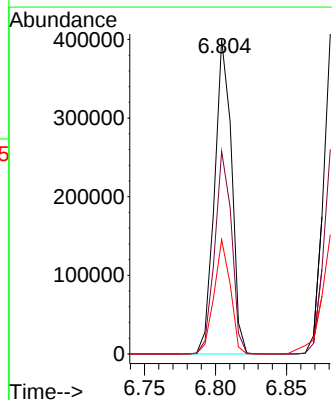
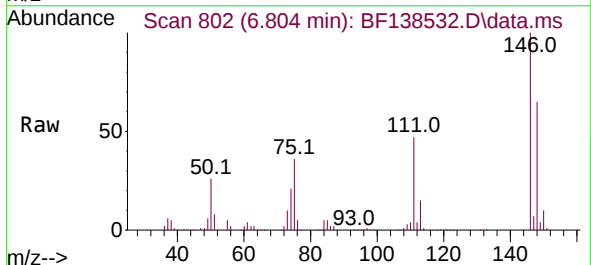
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

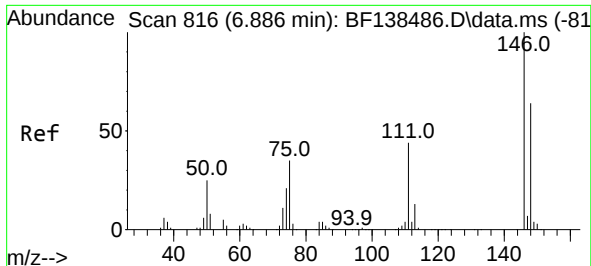
Tgt Ion:	93	Resp:	308043
Ion	Ratio	Lower	Upper
93	100		
63	86.2	68.8	108.8
95	32.1	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 52.920 ng
RT: 6.804 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF138532.D
Acq: 11 Jul 2024 19:50

Tgt Ion:	146	Resp:	332855
Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.4	78.6
75	36.4	27.8	41.8

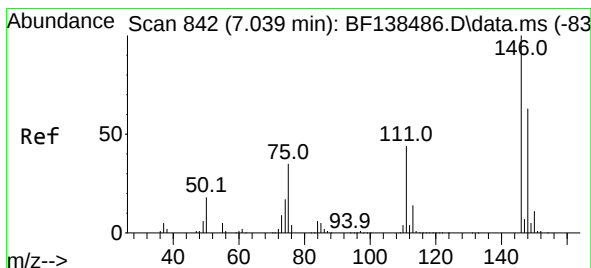
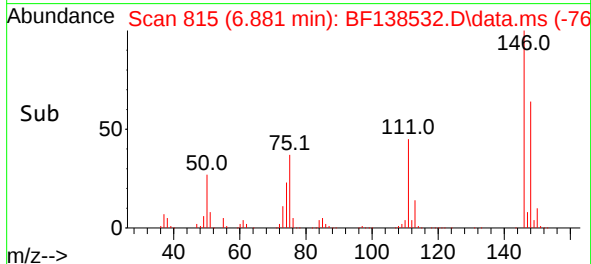
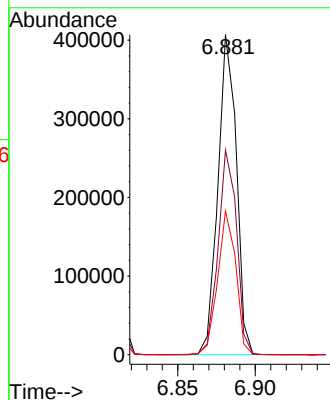
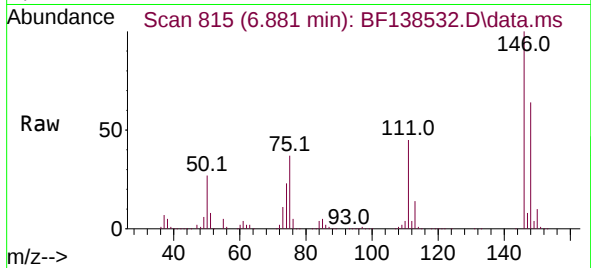




#13
1,4-Dichlorobenzene
Concen: 52.753 ng
RT: 6.881 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF138532.D
Acq: 11 Jul 2024 19:50

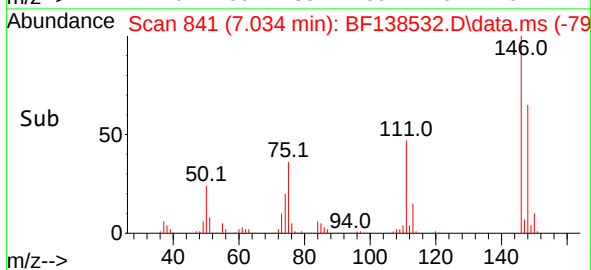
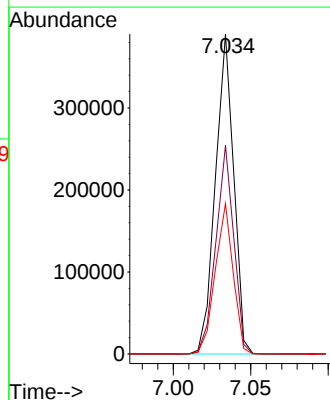
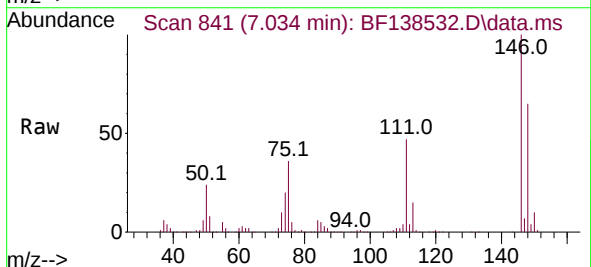
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion:146 Resp: 336942
Ion Ratio Lower Upper
146 100
148 63.9 51.6 77.4
111 44.9 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 53.824 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF138532.D
Acq: 11 Jul 2024 19:50

Tgt Ion:146 Resp: 320189
Ion Ratio Lower Upper
146 100
148 65.2 50.1 75.1
111 47.0 35.5 53.3





#15

Benzyl Alcohol

Concen: 56.641 ng

RT: 7.010 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF138532.D

Acq: 11 Jul 2024 19:50

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

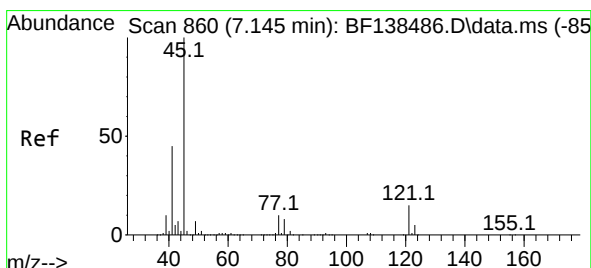
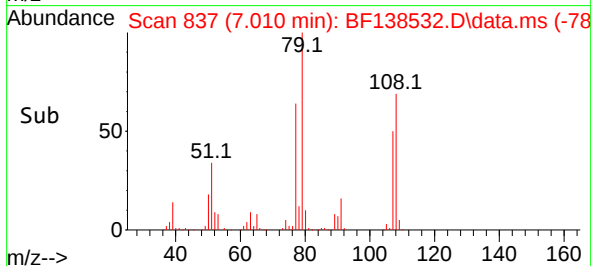
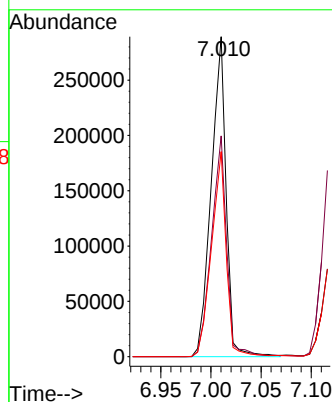
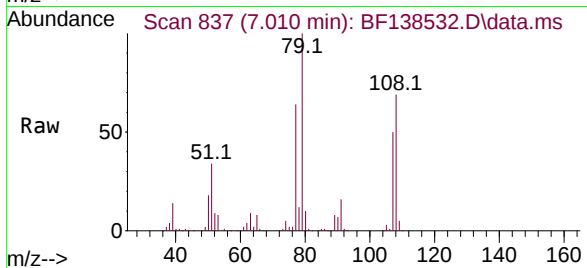
Tgt Ion: 79 Resp: 299245

Ion Ratio Lower Upper

79 100

108 69.0 54.3 81.5

77 64.1 50.0 75.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 53.545 ng

RT: 7.134 min Scan# 858

Delta R.T. -0.012 min

Lab File: BF138532.D

Acq: 11 Jul 2024 19:50

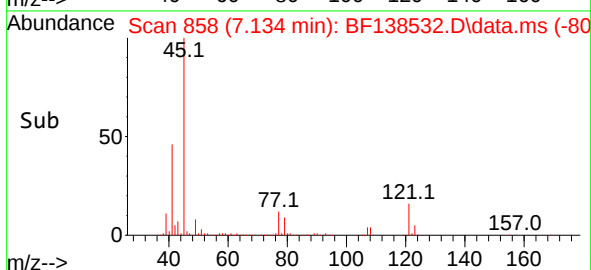
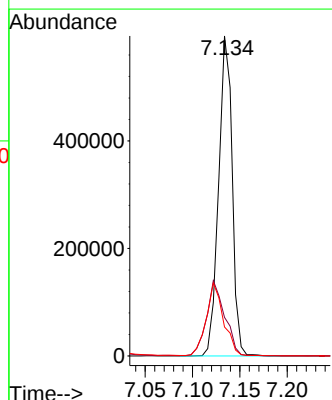
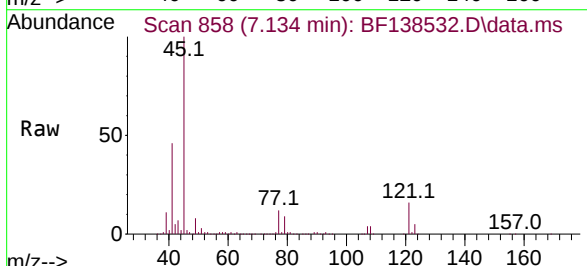
Tgt Ion: 45 Resp: 592401

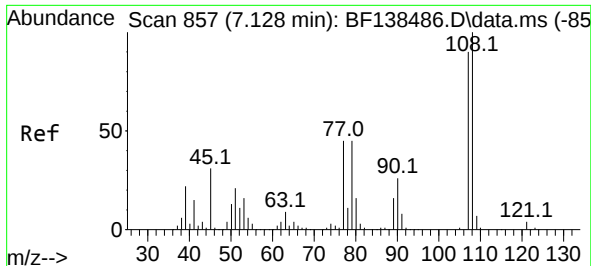
Ion Ratio Lower Upper

45 100

77 12.0 0.0 30.4

79 9.1 0.0 28.1

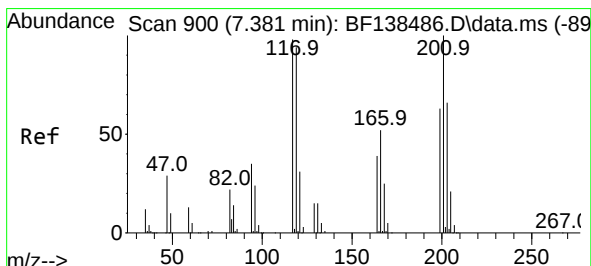
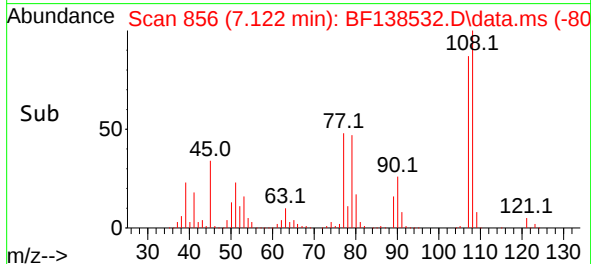
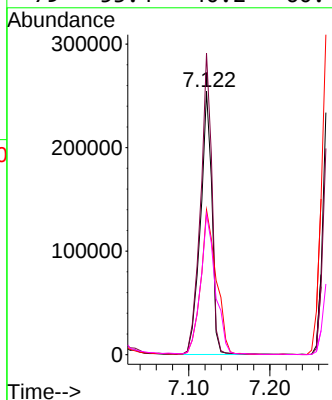
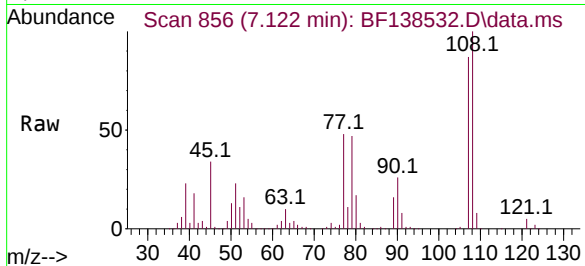




#17
2-Methylphenol
Concen: 54.591 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138532.D
Acq: 11 Jul 2024 19:50

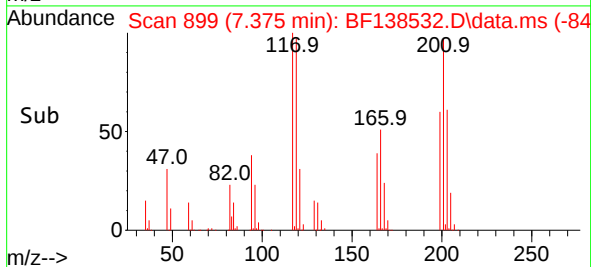
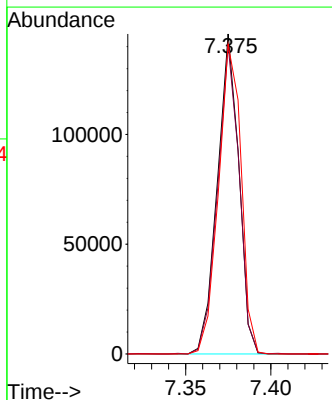
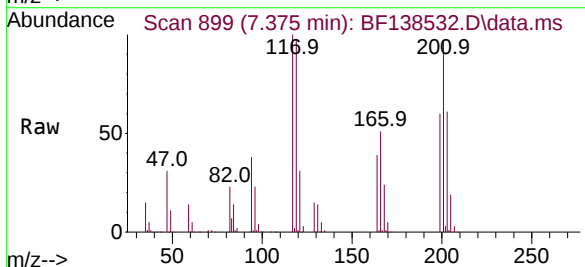
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

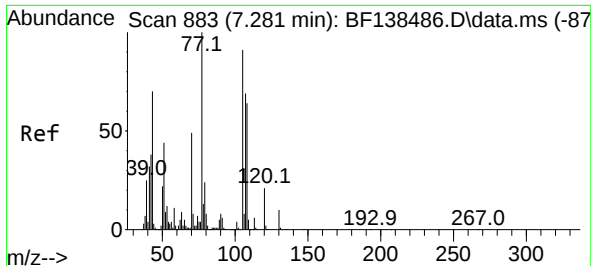
Tgt Ion:	107	Resp:	250353
Ion	Ratio	Lower	Upper
107	100		
108	114.5	89.0	133.4
77	55.1	40.3	60.5
79	53.4	40.2	60.4



#18
Hexachloroethane
Concen: 54.232 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF138532.D
Acq: 11 Jul 2024 19:50

Tgt Ion:	117	Resp:	127341
Ion	Ratio	Lower	Upper
117	100		
119	96.5	76.6	114.8
201	96.8	81.4	122.0

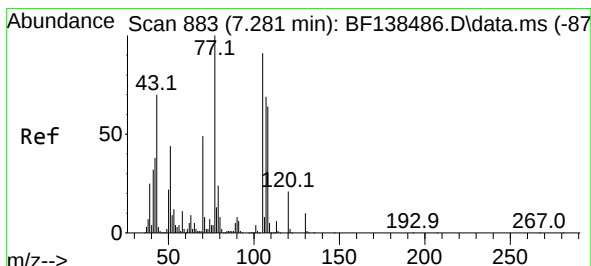
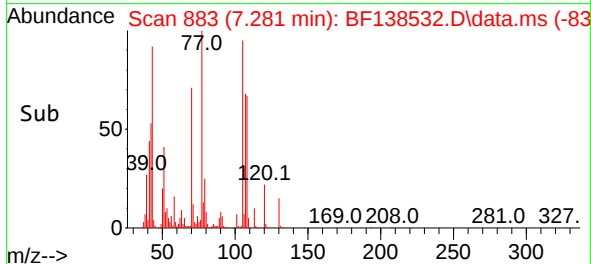
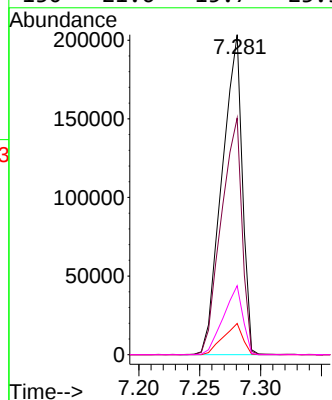
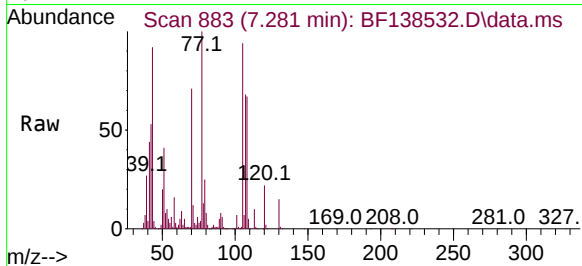




#19
n-Nitroso-di-n-propylamine
Concen: 54.220 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF138532.D
Acq: 11 Jul 2024 19:50

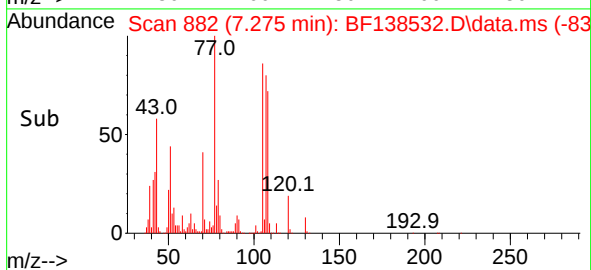
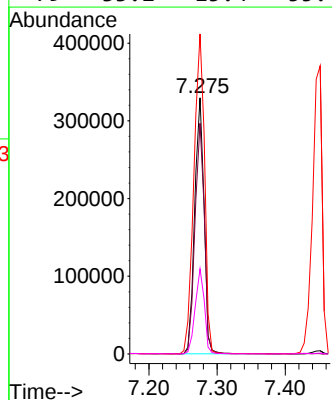
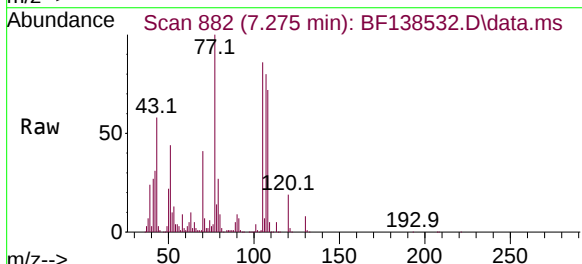
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

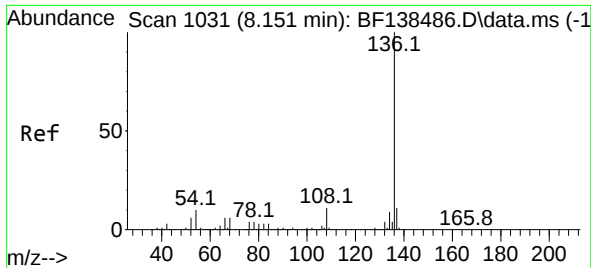
Tgt Ion:	70	Resp:	235852
Ion	Ratio	Lower	Upper
70	100		
42	73.9	62.4	93.6
101	9.8	7.2	10.8
130	21.6	15.7	23.5



#20
3+4-Methylphenols
Concen: 53.779 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF138532.D
Acq: 11 Jul 2024 19:50

Tgt Ion:	107	Resp:	310567
Ion	Ratio	Lower	Upper
107	100		
108	90.1	73.7	113.7
77	124.9	126.0	166.0#
79	33.2	15.4	55.4

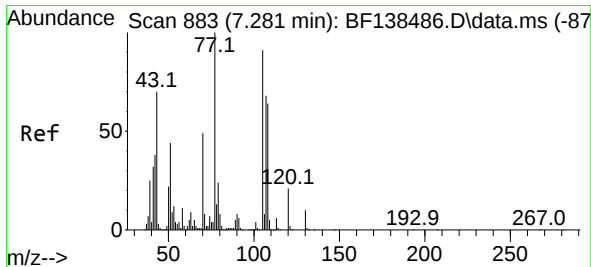
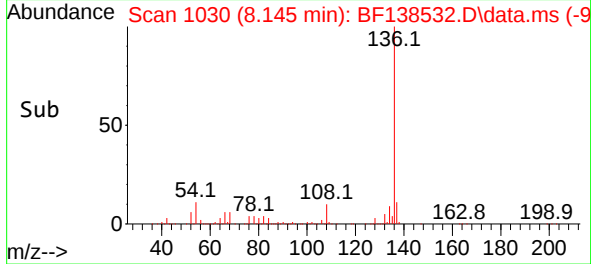
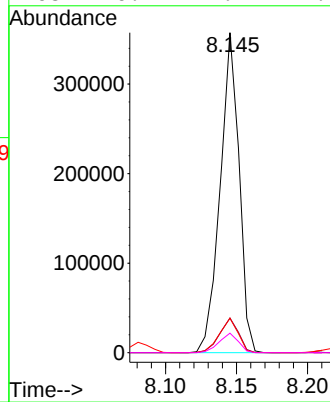
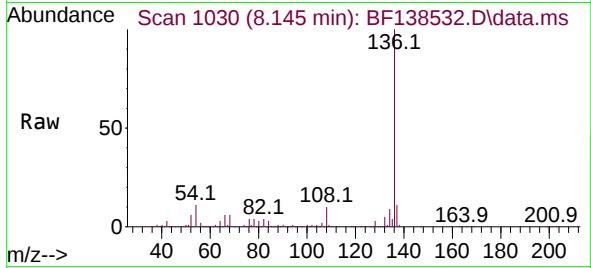




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF138532.D
Acq: 11 Jul 2024 19:50

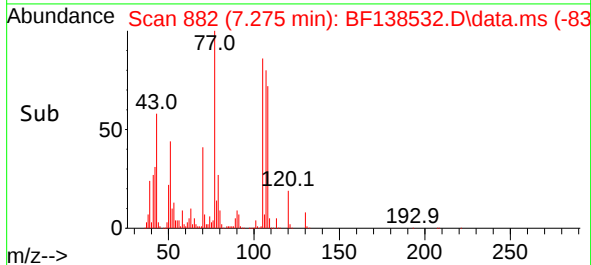
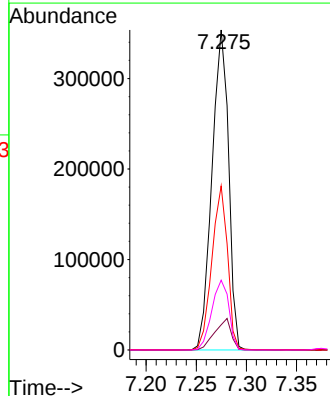
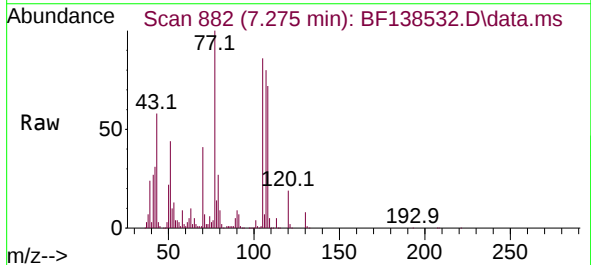
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

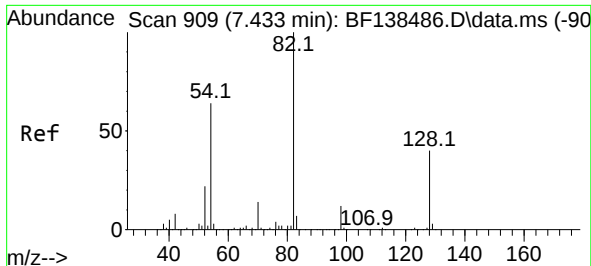
Tgt Ion:	136	Resp:	330288
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.5	12.7
54	10.8	8.1	12.1
68	6.1	4.7	7.1



#22
Acetophenone
Concen: 50.739 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF138532.D
Acq: 11 Jul 2024 19:50

Tgt Ion:	105	Resp:	407014
Ion Ratio	Lower	Upper	
105	100		
71	7.9	7.4	11.2
51	51.2	38.7	58.1
120	21.8	18.2	27.2





#23

Nitrobenzene-d5

Concen: 63.175 ng

RT: 7.428 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF138532.D

Acq: 11 Jul 2024 19:50

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

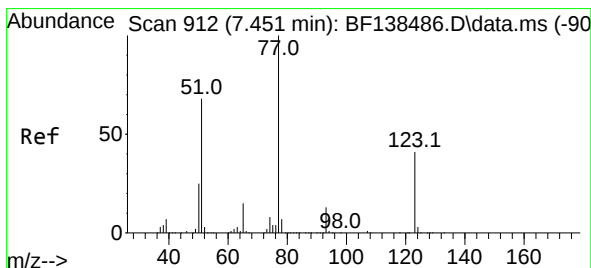
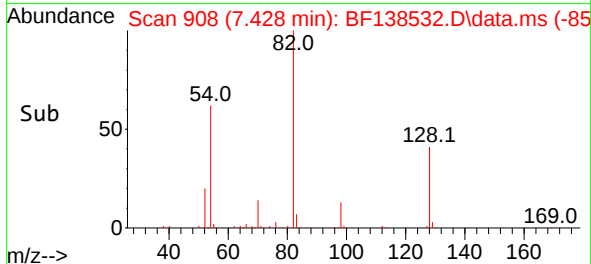
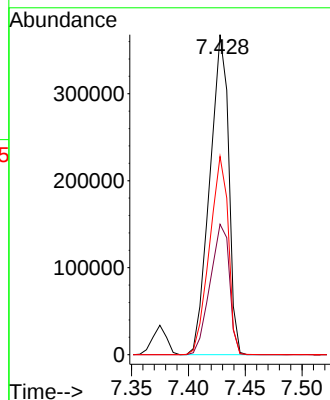
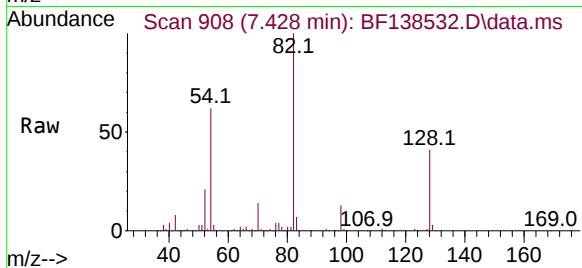
Tgt Ion: 82 Resp: 424985

Ion Ratio Lower Upper

82 100

128 40.7 32.3 48.5

54 62.0 51.4 77.0



#24

Nitrobenzene

Concen: 53.343 ng

RT: 7.451 min Scan# 912

Delta R.T. 0.000 min

Lab File: BF138532.D

Acq: 11 Jul 2024 19:50

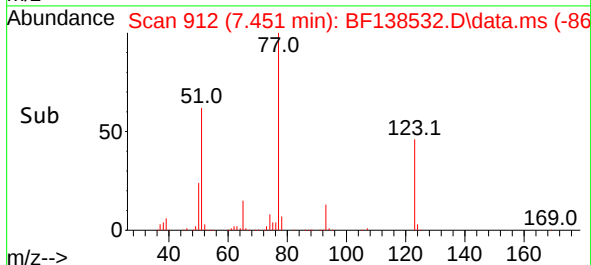
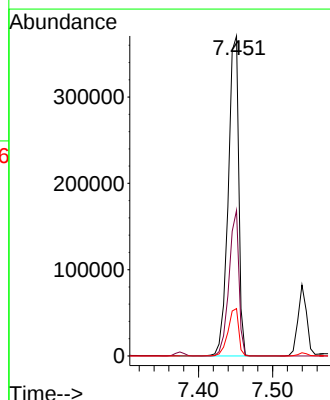
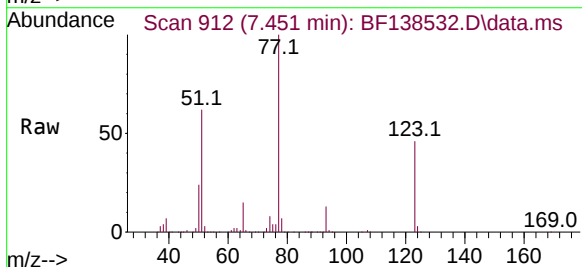
Tgt Ion: 77 Resp: 364666

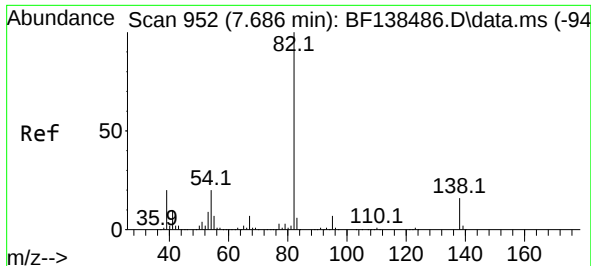
Ion Ratio Lower Upper

77 100

123 45.5 32.4 48.6

65 14.8 11.8 17.8

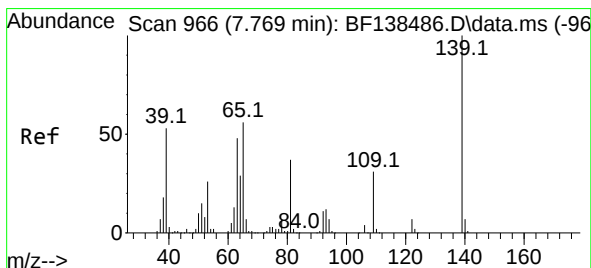
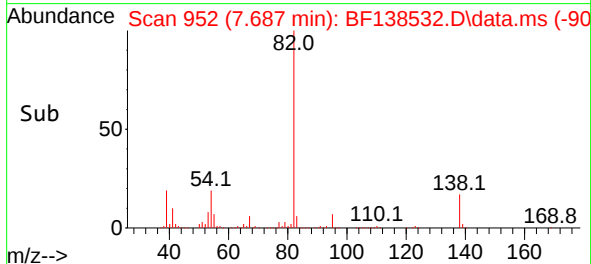
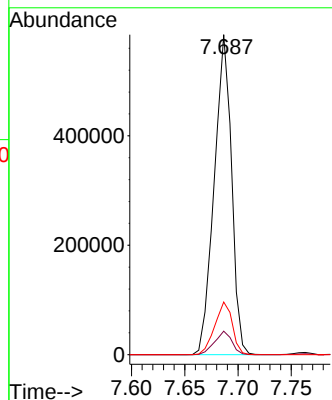
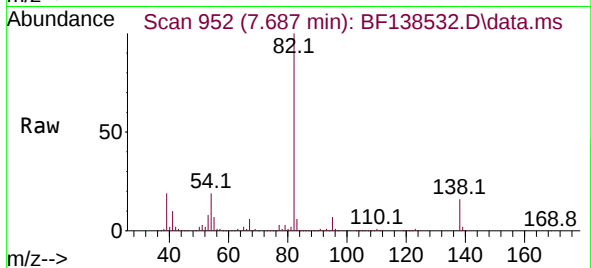




#25
Isophorone
Concen: 57.281 ng
RT: 7.687 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF138532.D
Acq: 11 Jul 2024 19:50

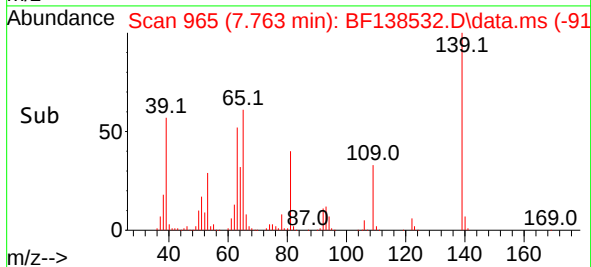
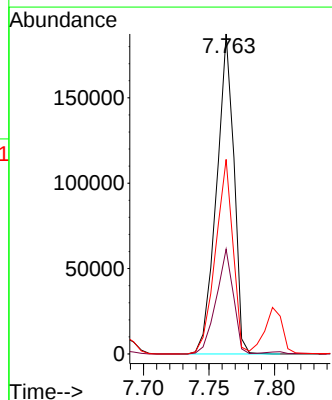
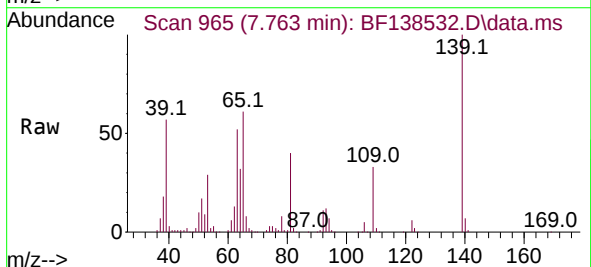
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

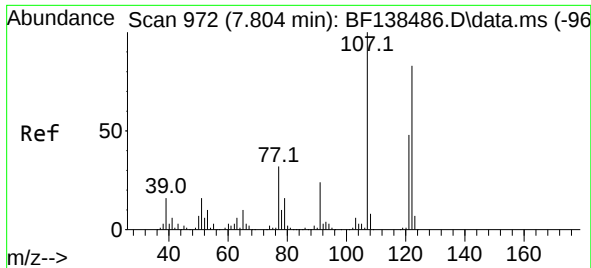
Tgt Ion: 82 Resp: 661740
Ion Ratio Lower Upper
82 100
95 7.3 6.0 9.0
138 16.5 12.8 19.2



#26
2-Nitrophenol
Concen: 58.851 ng
RT: 7.763 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF138532.D
Acq: 11 Jul 2024 19:50

Tgt Ion:139 Resp: 172435
Ion Ratio Lower Upper
139 100
109 32.7 24.8 37.2
65 60.8 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 61.159 ng

RT: 7.798 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF138532.D

Acq: 11 Jul 2024 19:50

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

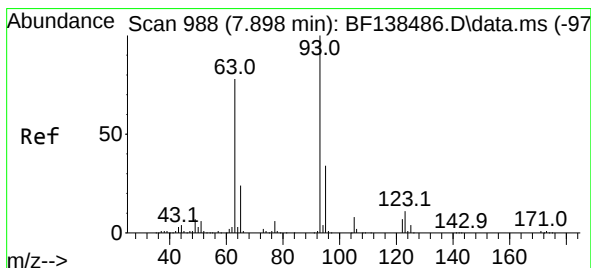
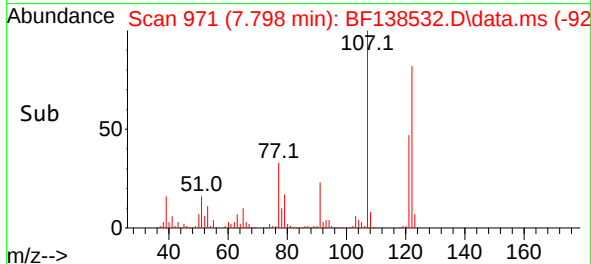
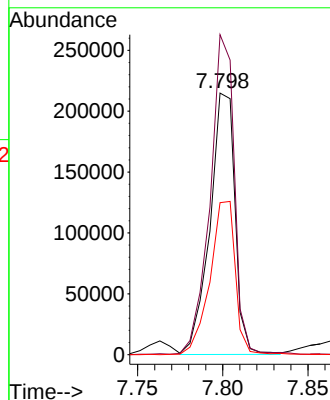
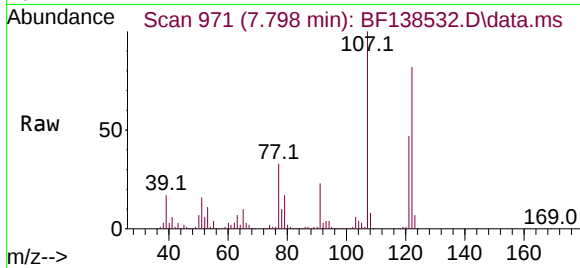
Tgt Ion:122 Resp: 220244

Ion Ratio Lower Upper

122 100

107 122.3 96.3 144.5

121 58.1 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 55.730 ng

RT: 7.898 min Scan# 988

Delta R.T. 0.000 min

Lab File: BF138532.D

Acq: 11 Jul 2024 19:50

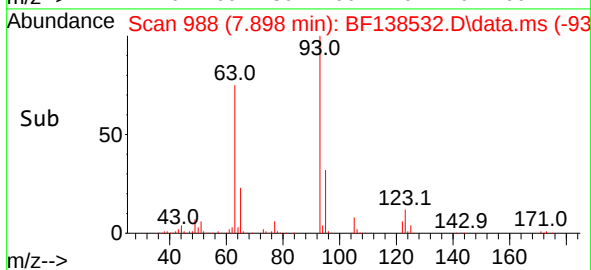
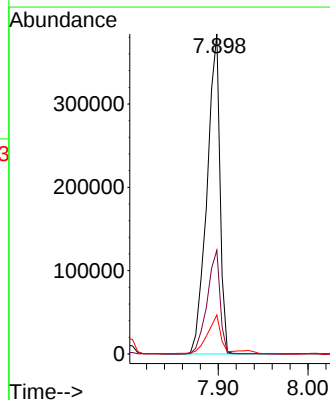
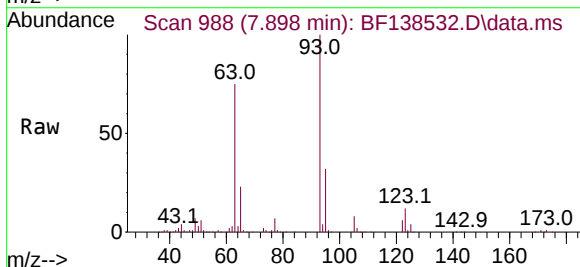
Tgt Ion: 93 Resp: 384773

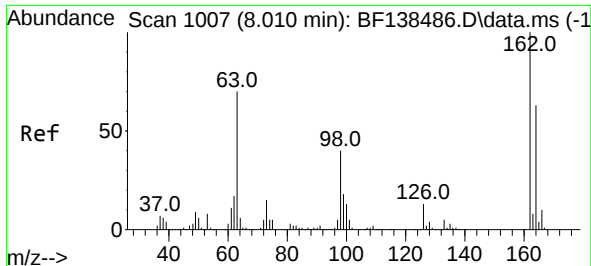
Ion Ratio Lower Upper

93 100

95 32.4 27.0 40.6

123 12.2 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 56.488 ng

RT: 8.010 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF138532.D

Acq: 11 Jul 2024 19:50

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

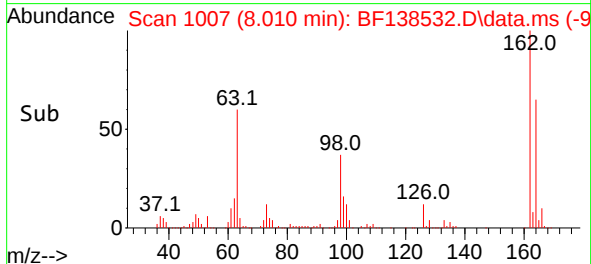
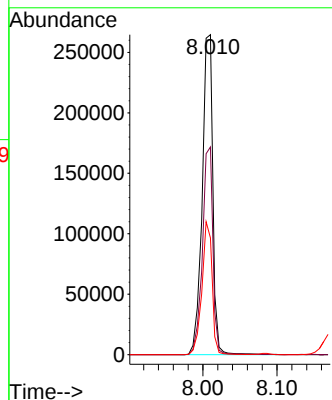
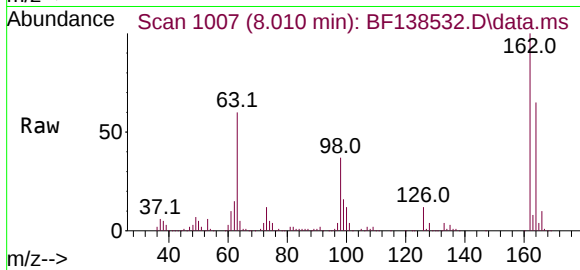
Tgt Ion:162 Resp: 264165

Ion Ratio Lower Upper

162 100

164 64.9 42.6 82.6

98 36.5 20.1 60.1



#30

1,2,4-Trichlorobenzene

Concen: 52.804 ng

RT: 8.087 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF138532.D

Acq: 11 Jul 2024 19:50

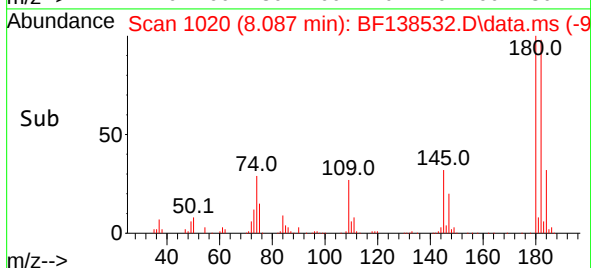
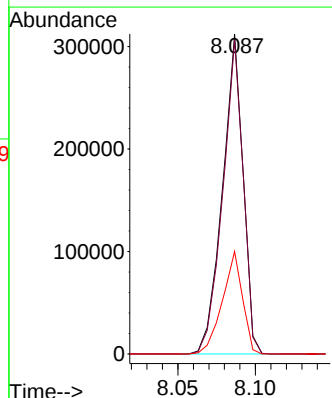
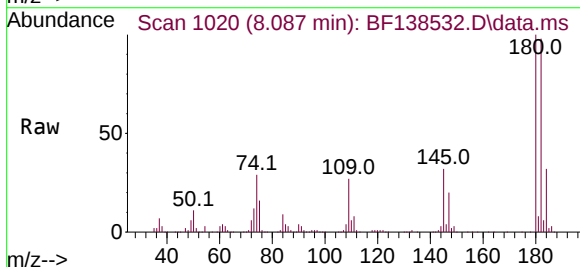
Tgt Ion:180 Resp: 287662

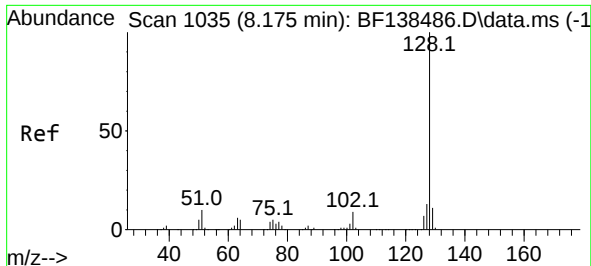
Ion Ratio Lower Upper

180 100

182 98.2 76.9 115.3

145 32.0 23.9 35.9

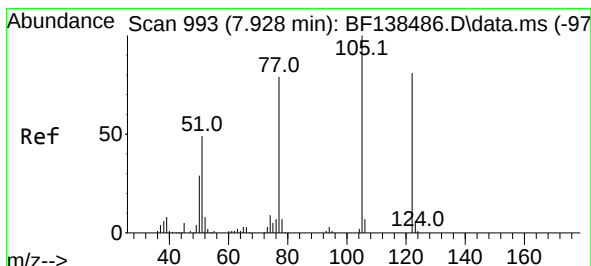
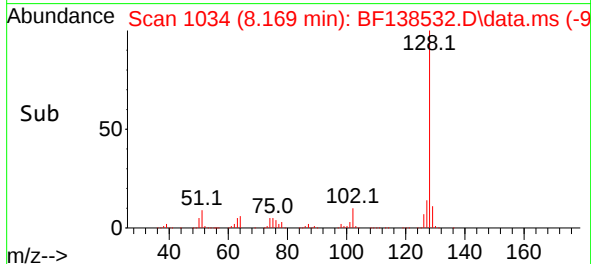
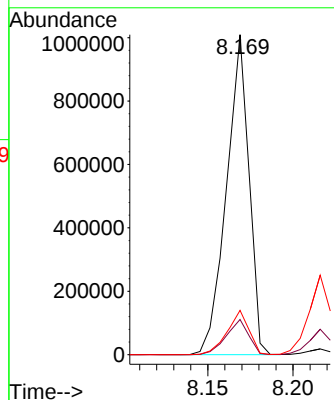
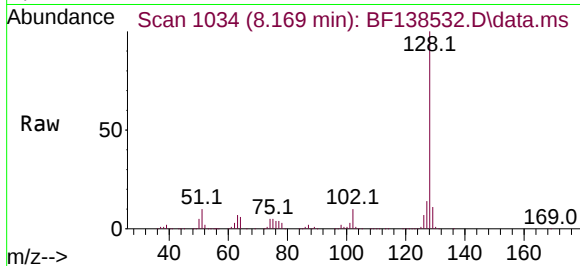




#31
Naphthalene
Concen: 53.971 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF138532.D
Acq: 11 Jul 2024 19:50

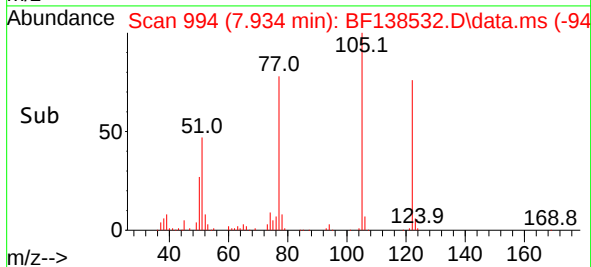
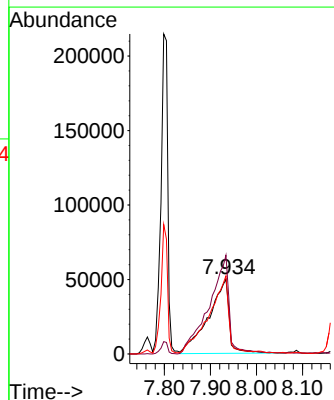
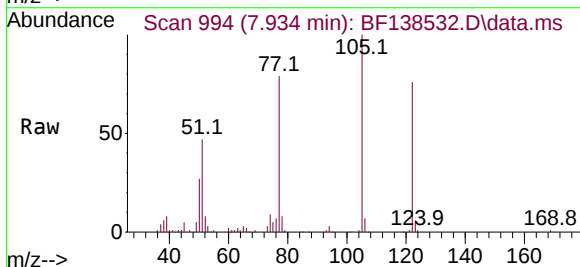
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

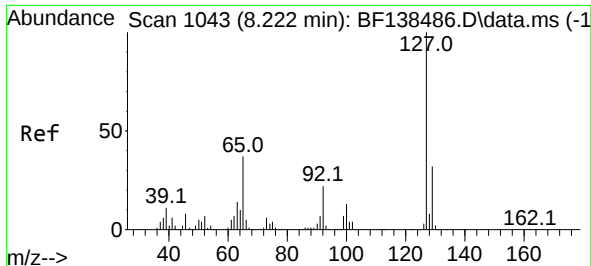
Tgt Ion:128 Resp: 927097
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.8 10.7 16.1



#32
Benzoic acid
Concen: 45.410 ng
RT: 7.934 min Scan# 994
Delta R.T. 0.006 min
Lab File: BF138532.D
Acq: 11 Jul 2024 19:50

Tgt Ion:122 Resp: 155970
Ion Ratio Lower Upper
122 100
105 132.3 101.5 141.5
77 104.6 77.3 117.3

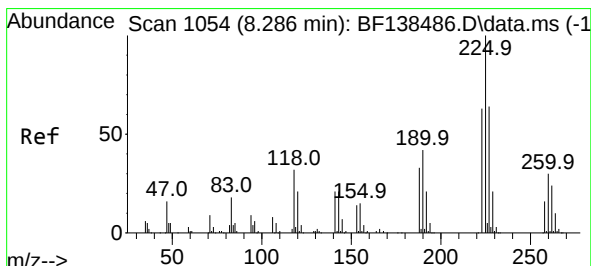
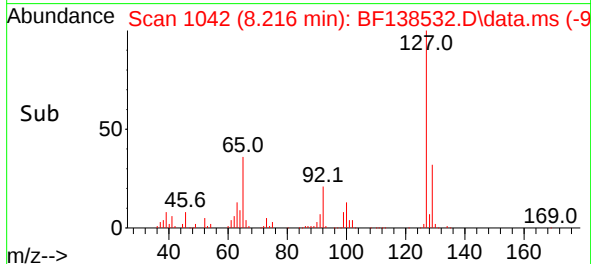
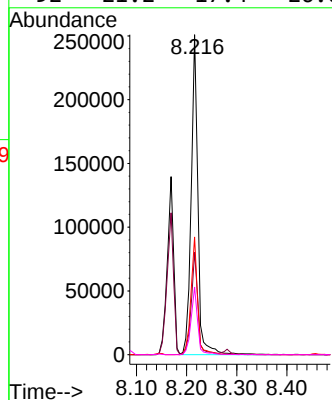
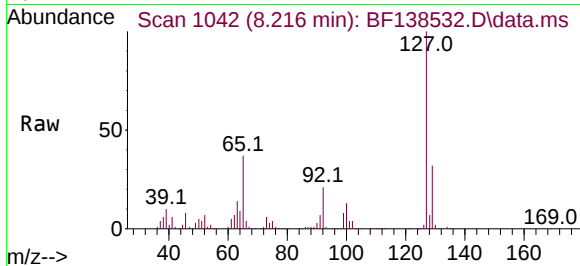




#33
4-Chloroaniline
Concen: 39.147 ng
RT: 8.216 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF138532.D
Acq: 11 Jul 2024 19:50

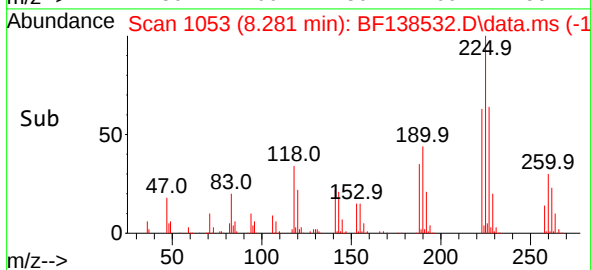
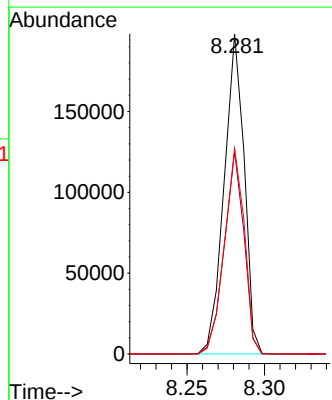
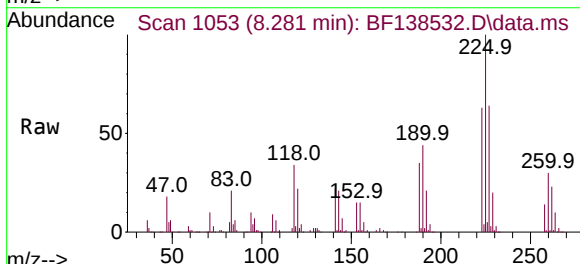
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

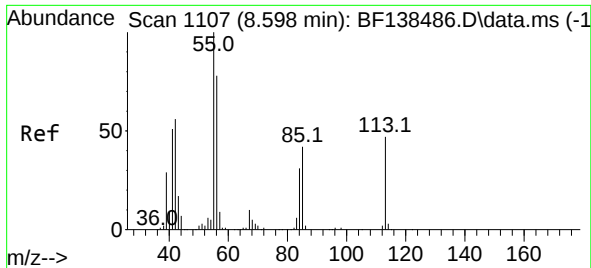
Tgt Ion:	127	Resp:	235941
Ion Ratio	Lower	Upper	
127	100		
129	32.0	25.6	38.4
65	36.8	29.6	44.4
92	21.2	17.4	26.0



#34
Hexachlorobutadiene
Concen: 53.040 ng
RT: 8.281 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF138532.D
Acq: 11 Jul 2024 19:50

Tgt Ion:	225	Resp:	177933
Ion Ratio	Lower	Upper	
225	100		
223	63.2	50.0	75.0
227	64.3	51.0	76.6

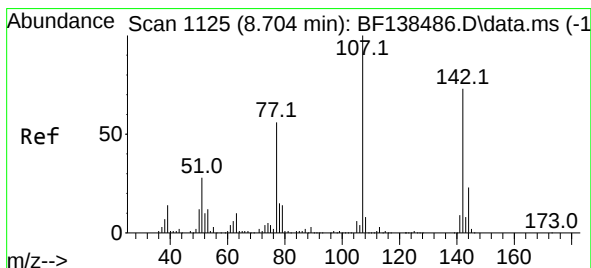
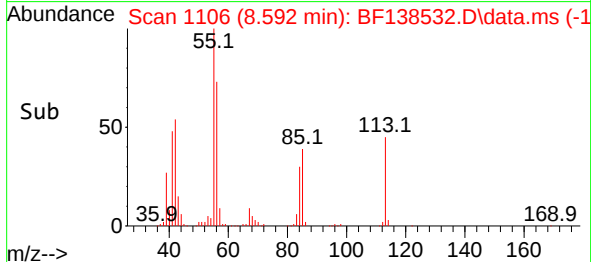
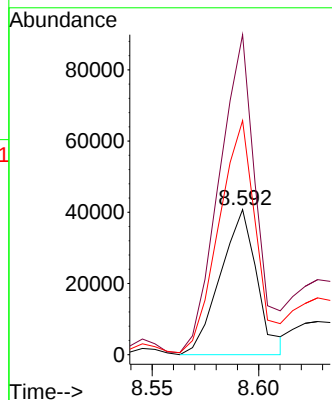
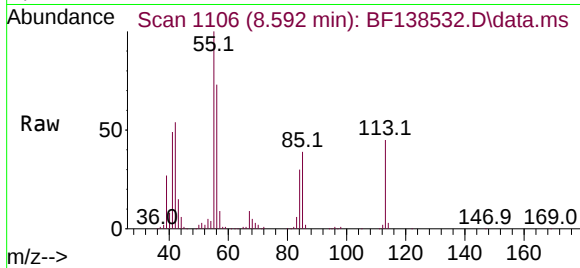




#35
 Caprolactam
 Concen: 32.406 ng
 RT: 8.592 min Scan# 1107
 Delta R.T. -0.006 min
 Lab File: BF138532.D
 Acq: 11 Jul 2024 19:50

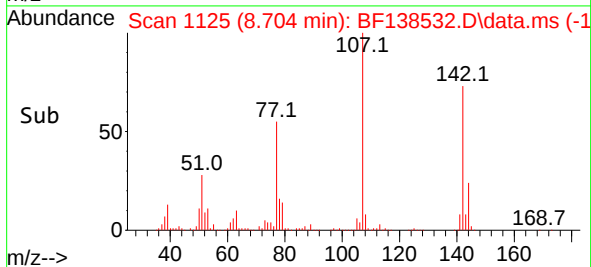
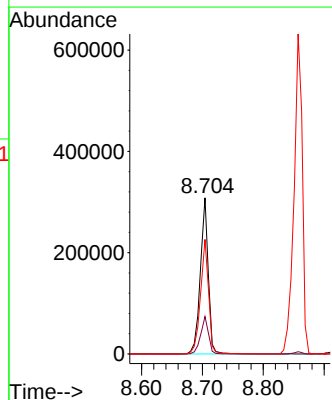
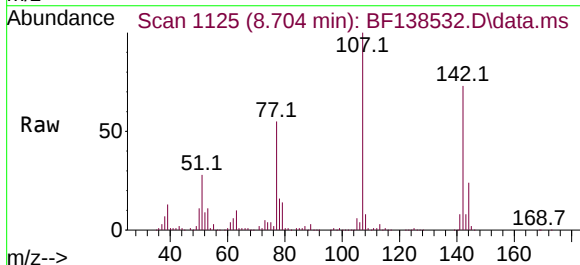
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

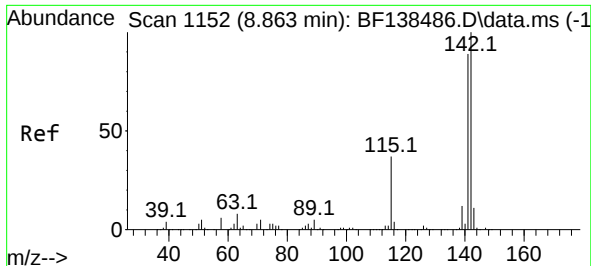
Tgt Ion:113 Resp: 48902
 Ion Ratio Lower Upper
 113 100
 55 220.4 192.5 232.5
 56 161.3 145.3 185.3



#36
 4-Chloro-3-methylphenol
 Concen: 53.816 ng
 RT: 8.704 min Scan# 1125
 Delta R.T. 0.000 min
 Lab File: BF138532.D
 Acq: 11 Jul 2024 19:50

Tgt Ion:107 Resp: 281750
 Ion Ratio Lower Upper
 107 100
 144 23.9 18.6 27.8
 142 73.3 58.6 88.0





#37

2-Methylnaphthalene

Concen: 54.527 ng

RT: 8.857 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF138532.D

Acq: 11 Jul 2024 19:50

Instrument :

BNA_F

ClientSampleId :

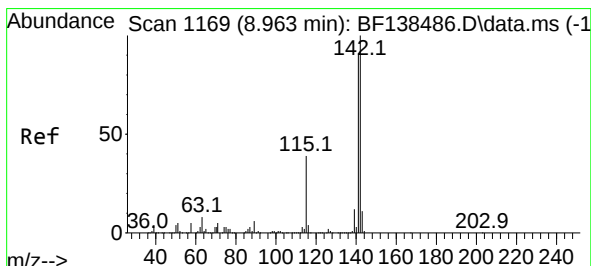
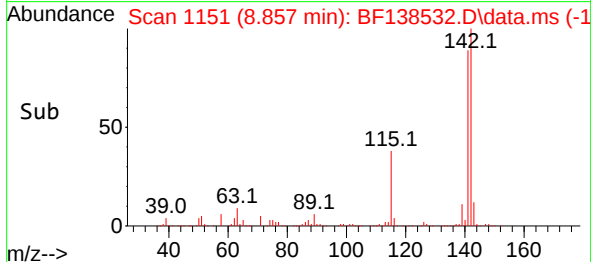
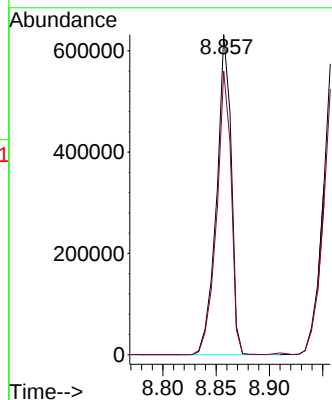
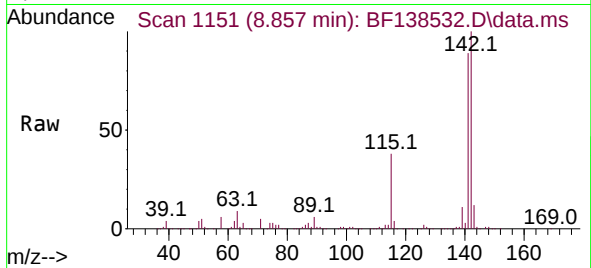
WC-1MSD

Tgt Ion:142 Resp: 602759

Ion Ratio Lower Upper

142 100

141 88.6 71.4 107.0



#38

1-Methylnaphthalene

Concen: 51.689 ng

RT: 8.957 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF138532.D

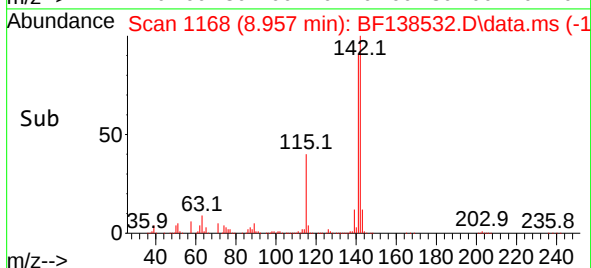
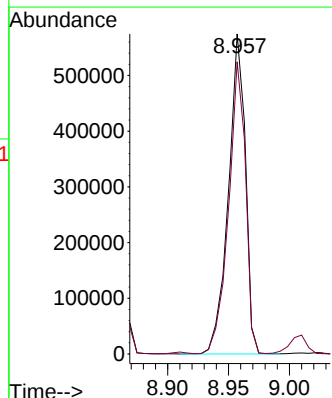
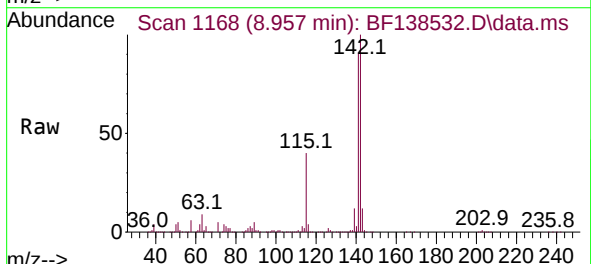
Acq: 11 Jul 2024 19:50

Tgt Ion:142 Resp: 557650

Ion Ratio Lower Upper

142 100

141 91.3 72.6 108.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1179

Delta R.T. -0.006 min

Lab File: BF138532.D

Acq: 11 Jul 2024 19:50

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

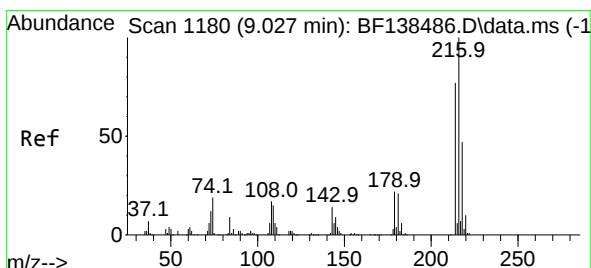
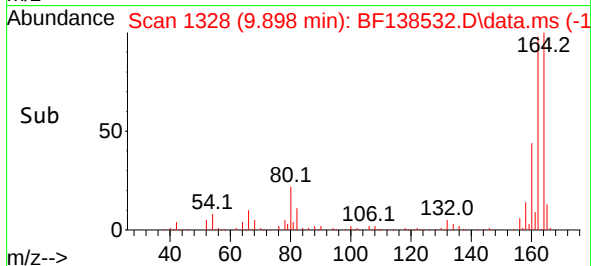
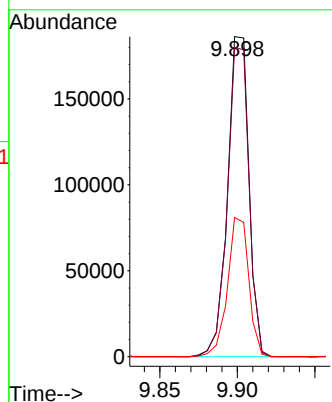
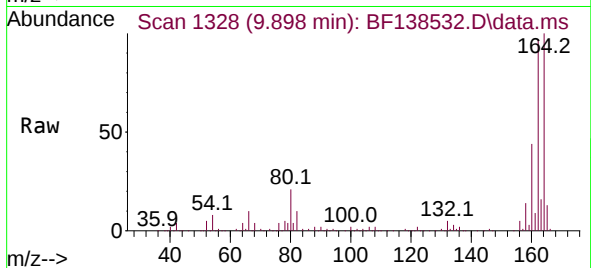
Tgt Ion:164 Resp: 179528

Ion Ratio Lower Upper

164 100

162 96.7 79.0 118.6

160 43.5 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.968 ng

RT: 9.022 min Scan# 1179

Delta R.T. -0.006 min

Lab File: BF138532.D

Acq: 11 Jul 2024 19:50

Tgt Ion:216 Resp: 260023

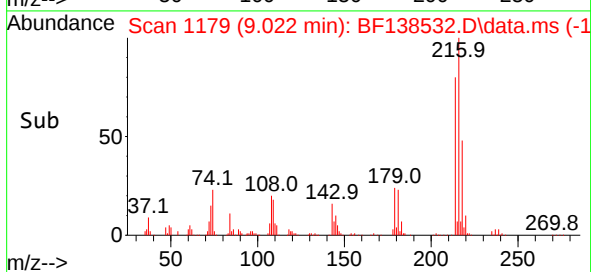
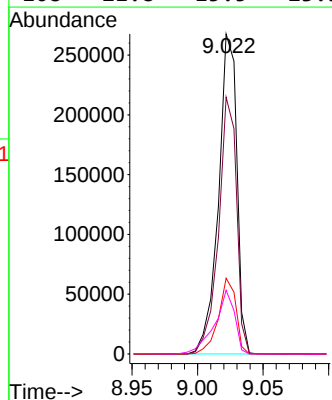
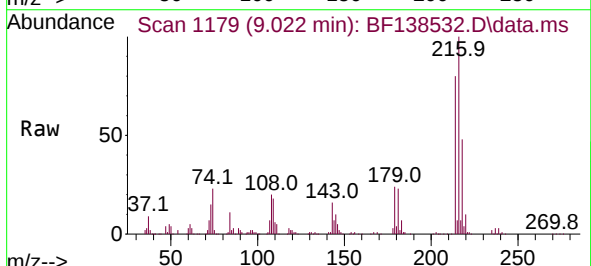
Ion Ratio Lower Upper

216 100

214 78.4 62.8 94.2

179 22.6 17.7 26.5

108 21.8 15.5 23.3

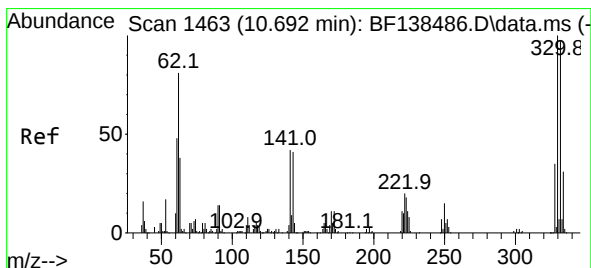
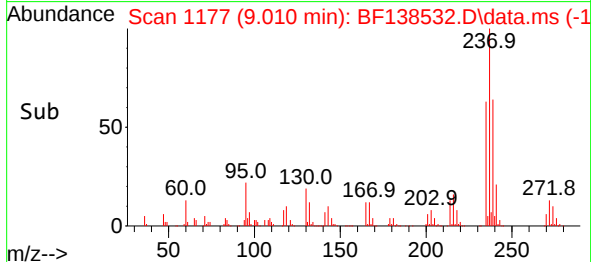
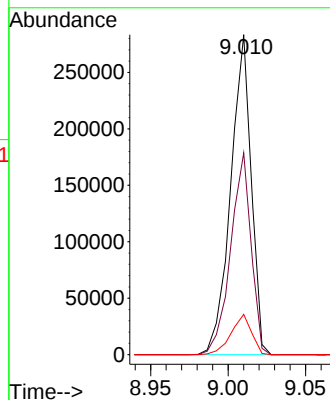
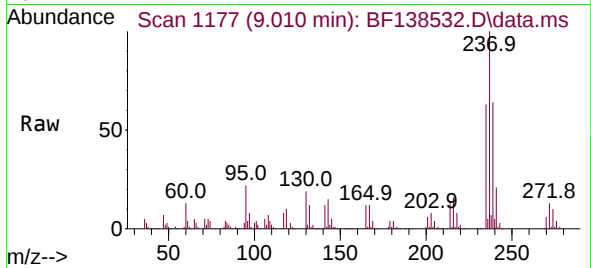




#41
Hexachlorocyclopentadiene
Concen: 160.628 ng
RT: 9.010 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF138532.D
Acq: 11 Jul 2024 19:50

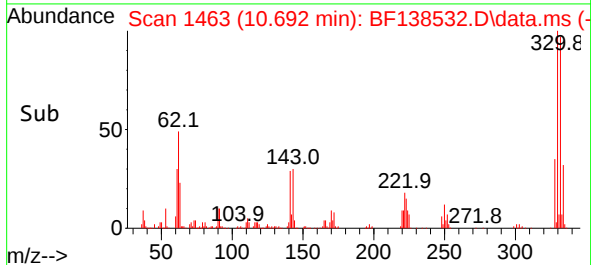
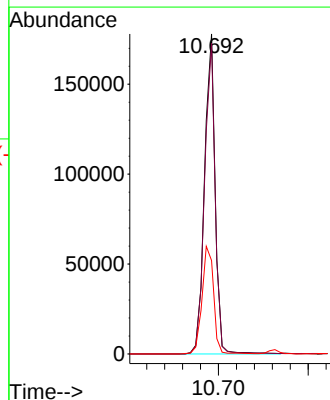
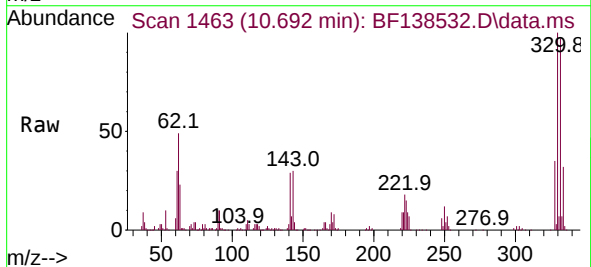
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

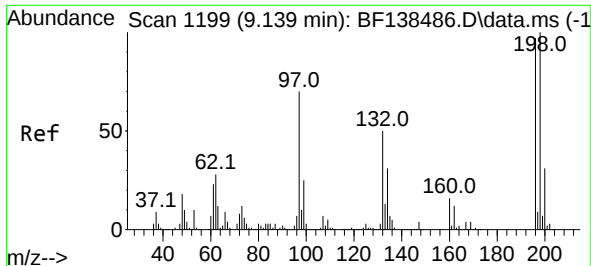
Tgt Ion:237 Resp: 260870
Ion Ratio Lower Upper
237 100
235 63.1 43.3 83.3
272 12.6 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 87.079 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF138532.D
Acq: 11 Jul 2024 19:50

Tgt Ion:330 Resp: 146107
Ion Ratio Lower Upper
330 100
332 97.3 76.8 115.2
141 36.8 29.4 44.2

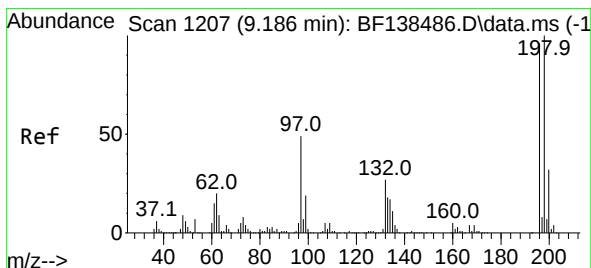
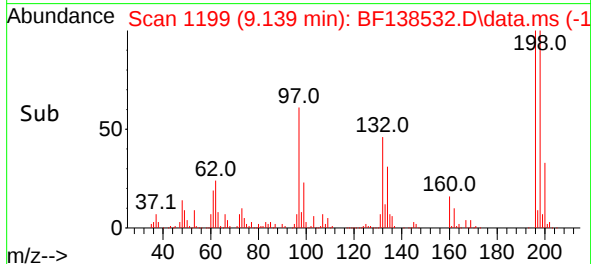
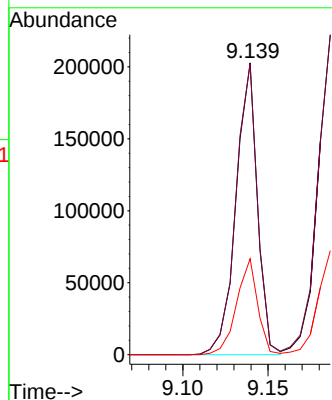
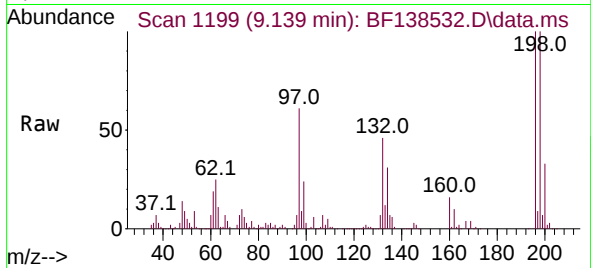




#43
2,4,6-Trichlorophenol
Concen: 55.510 ng
RT: 9.139 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF138532.D
Acq: 11 Jul 2024 19:50

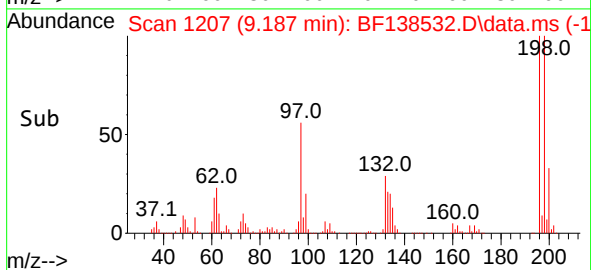
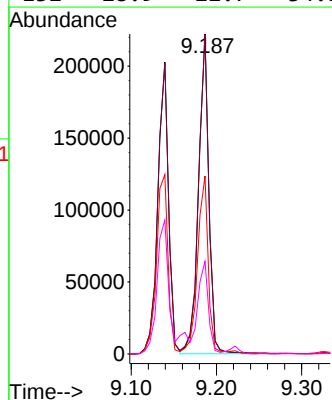
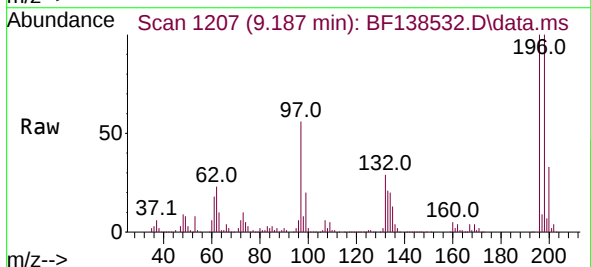
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

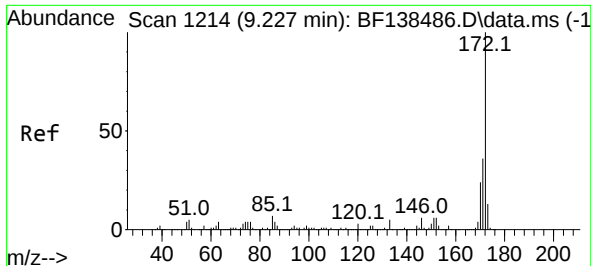
Tgt Ion:196 Resp: 177169
Ion Ratio Lower Upper
196 100
198 99.7 82.3 123.5
200 32.9 25.8 38.6



#44
2,4,5-Trichlorophenol
Concen: 53.311 ng
RT: 9.187 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF138532.D
Acq: 11 Jul 2024 19:50

Tgt Ion:196 Resp: 187145
Ion Ratio Lower Upper
196 100
198 99.9 82.8 124.2
97 55.6 41.0 61.4
132 28.9 22.7 34.1

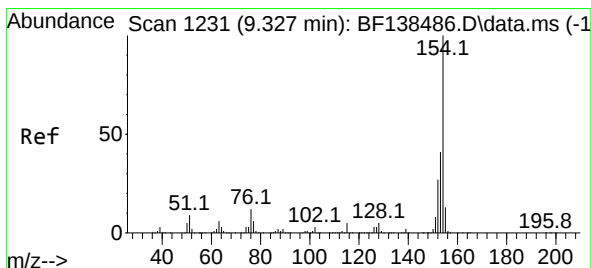
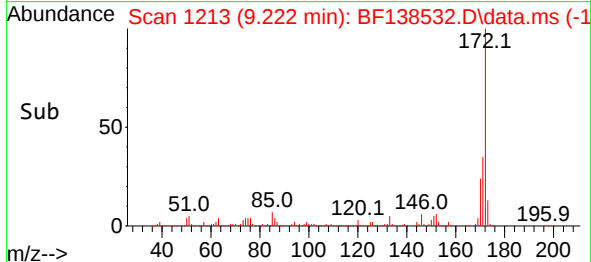
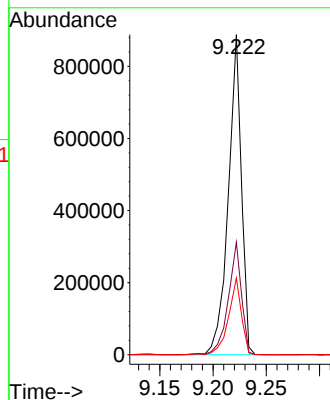
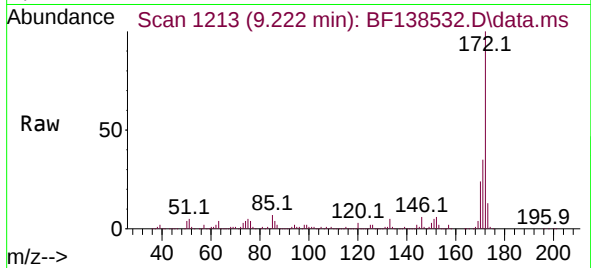




#45
2-Fluorobiphenyl
Concen: 65.850 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138532.D
Acq: 11 Jul 2024 19:50

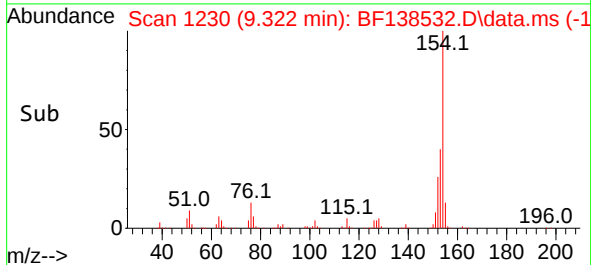
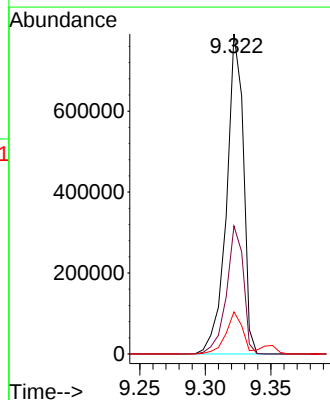
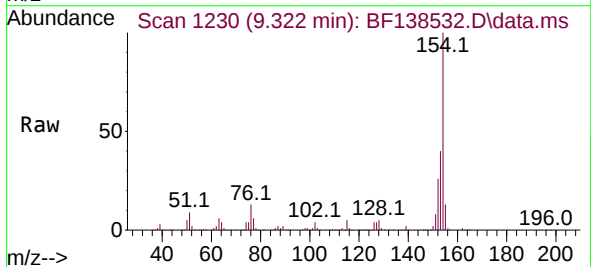
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

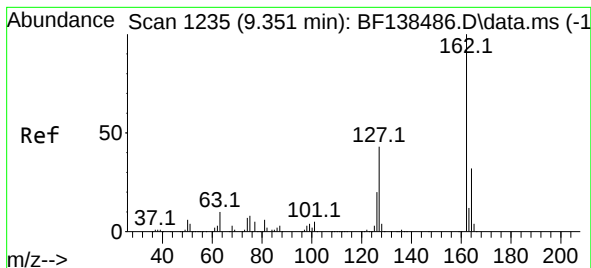
Tgt Ion:172 Resp: 756405
Ion Ratio Lower Upper
172 100
171 35.2 28.9 43.3
170 23.9 18.9 28.3



#46
1,1'-Biphenyl
Concen: 51.877 ng
RT: 9.322 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF138532.D
Acq: 11 Jul 2024 19:50

Tgt Ion:154 Resp: 705803
Ion Ratio Lower Upper
154 100
153 40.0 20.7 60.7
76 13.1 0.0 32.2





#47

2-Chloronaphthalene

Concen: 54.350 ng

RT: 9.351 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF138532.D

Acq: 11 Jul 2024 19:50

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

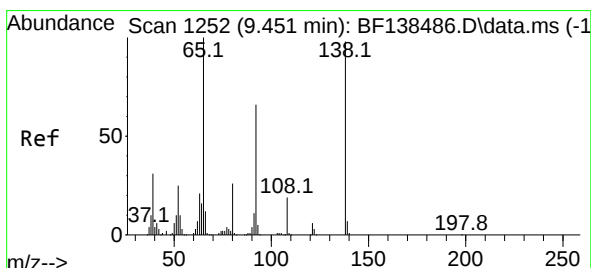
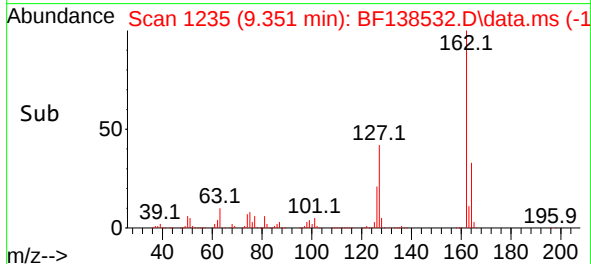
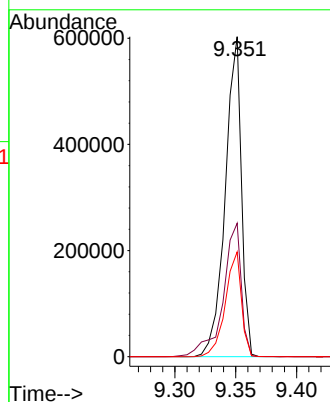
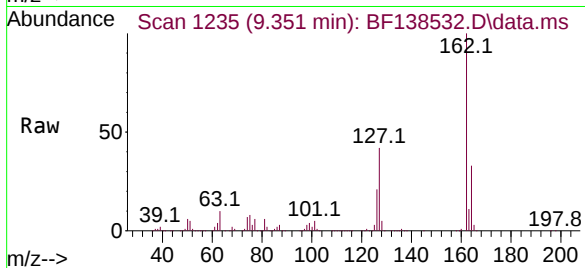
Tgt Ion:162 Resp: 558626

Ion Ratio Lower Upper

162 100

127 41.7 34.8 52.2

164 32.8 25.6 38.4



#48

2-Nitroaniline

Concen: 54.396 ng

RT: 9.445 min Scan# 1251

Delta R.T. -0.006 min

Lab File: BF138532.D

Acq: 11 Jul 2024 19:50

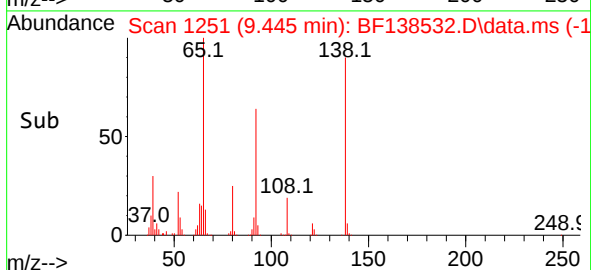
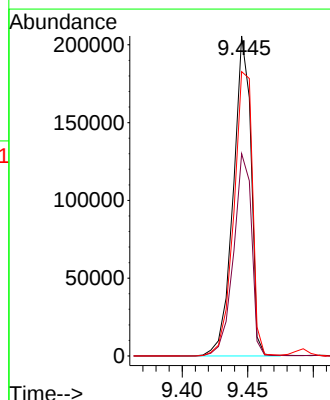
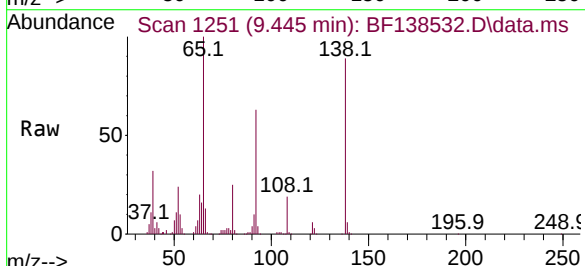
Tgt Ion: 65 Resp: 193746

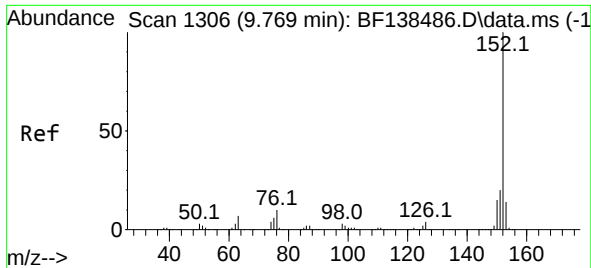
Ion Ratio Lower Upper

65 100

92 63.2 52.6 78.8

138 88.9 78.6 118.0

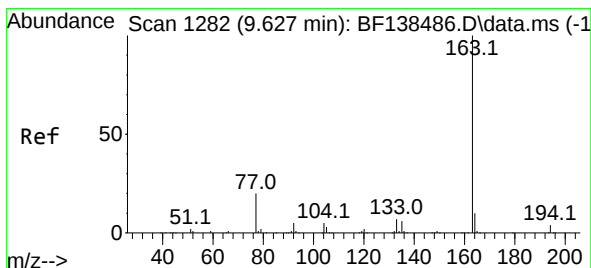
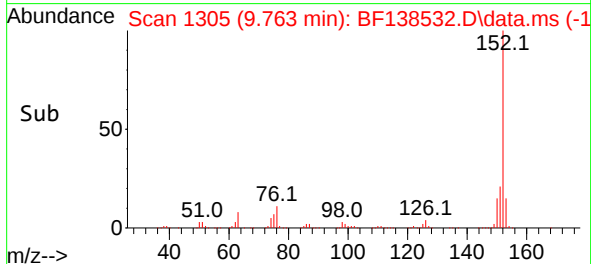
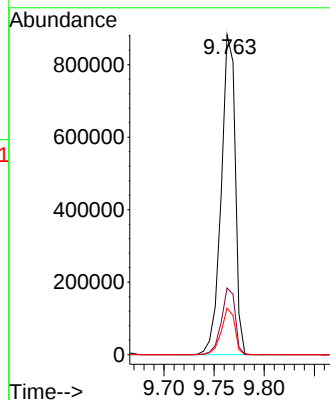
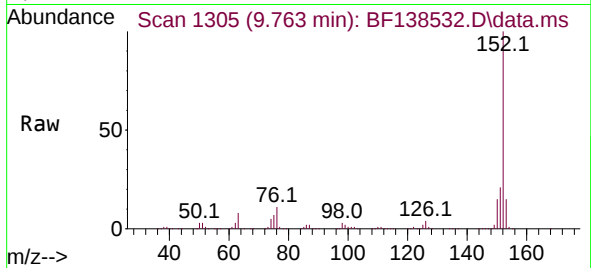




#49
Acenaphthylene
Concen: 58.756 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138532.D
Acq: 11 Jul 2024 19:50

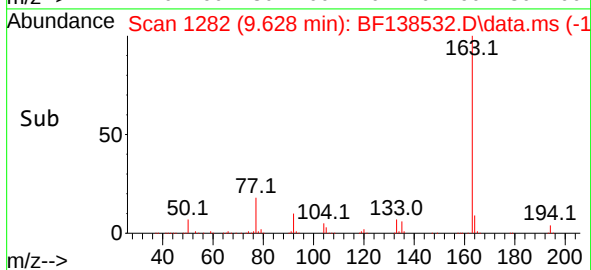
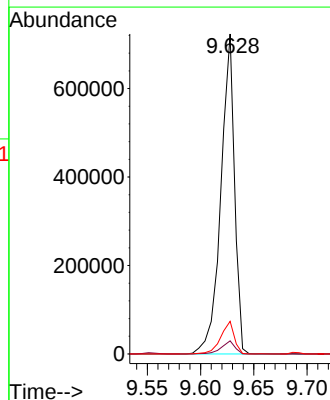
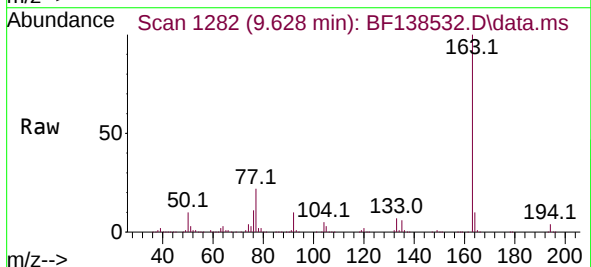
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion:152 Resp: 857417
Ion Ratio Lower Upper
152 100
151 20.9 16.3 24.5
153 14.6 11.3 16.9



#50
Dimethylphthalate
Concen: 55.615 ng
RT: 9.628 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BF138532.D
Acq: 11 Jul 2024 19:50

Tgt Ion:163 Resp: 645617
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 10.2 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 52.820 ng

RT: 9.686 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138532.D

Acq: 11 Jul 2024 19:50

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

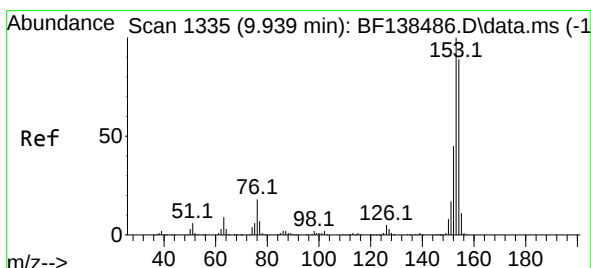
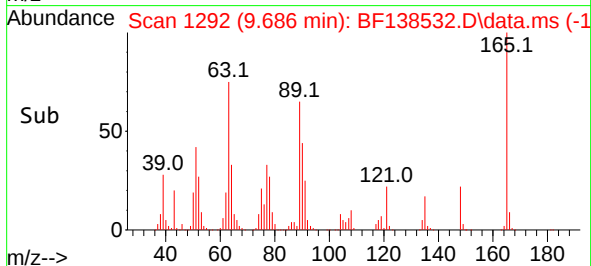
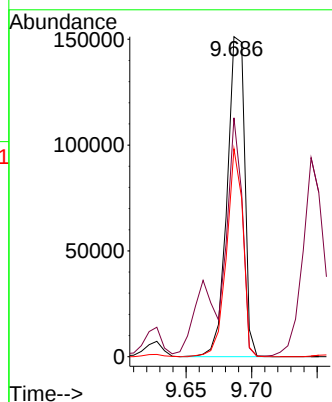
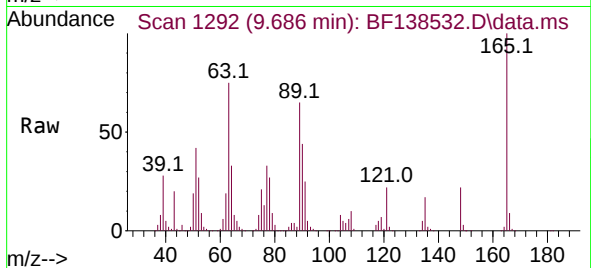
Tgt Ion:165 Resp: 141179

Ion Ratio Lower Upper

165 100

63 74.7 48.1 72.1#

89 65.0 43.0 64.6#



#52

Acenaphthene

Concen: 53.192 ng

RT: 9.934 min Scan# 1334

Delta R.T. -0.006 min

Lab File: BF138532.D

Acq: 11 Jul 2024 19:50

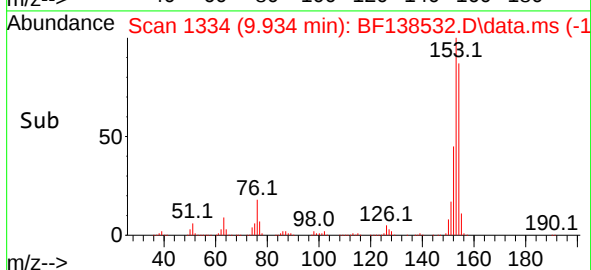
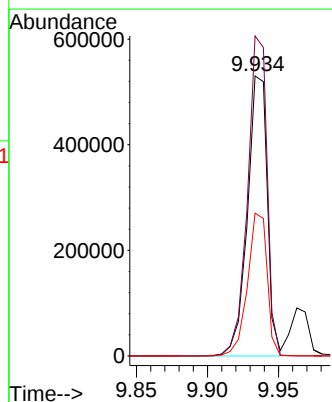
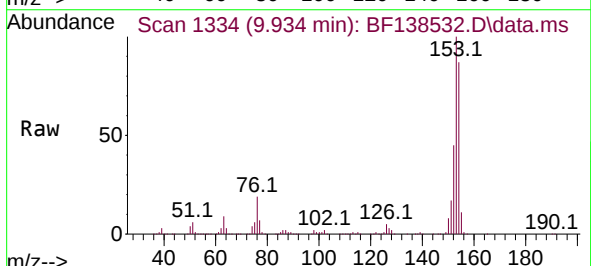
Tgt Ion:154 Resp: 515975

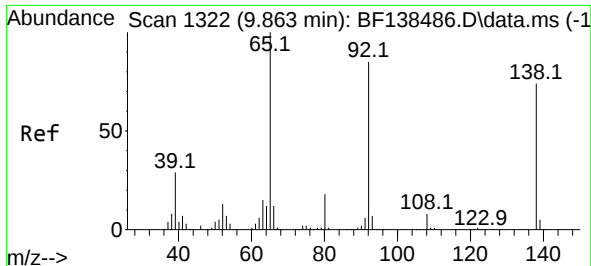
Ion Ratio Lower Upper

154 100

153 114.3 90.4 135.6

152 51.0 41.1 61.7

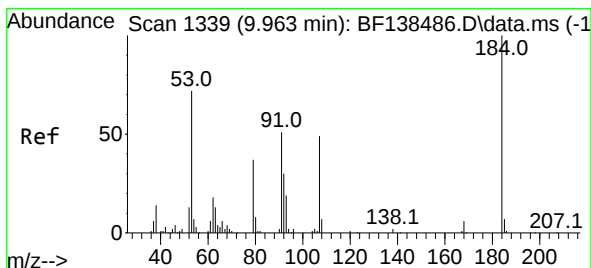
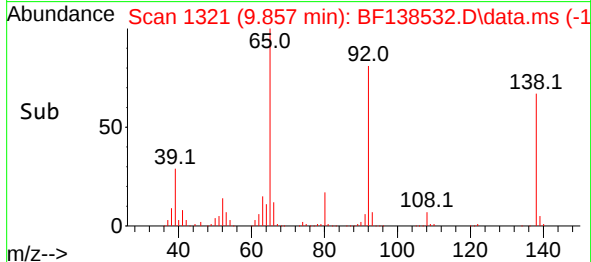
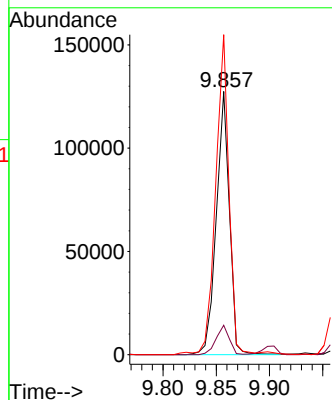
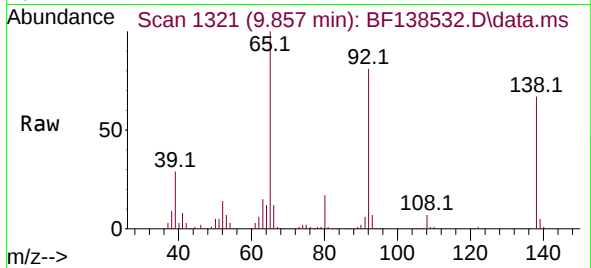




#53
3-Nitroaniline
Concen: 39.983 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138532.D
Acq: 11 Jul 2024 19:50

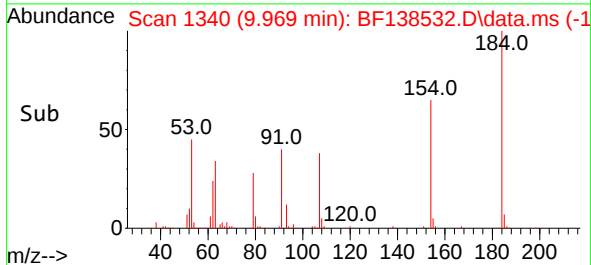
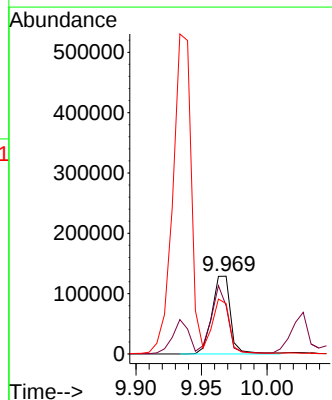
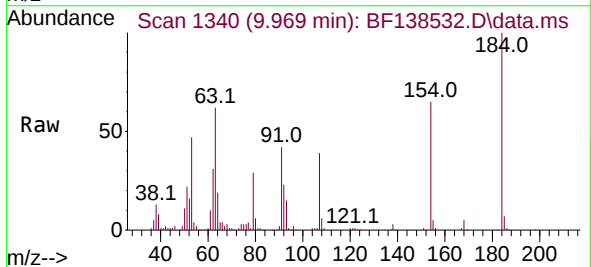
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

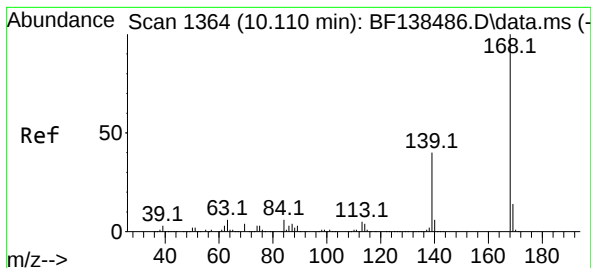
Tgt Ion:138 Resp: 109532
Ion Ratio Lower Upper
138 100
108 11.2 8.3 12.5
92 121.5 92.6 138.8



#54
2,4-Dinitrophenol
Concen: 87.889 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF138532.D
Acq: 11 Jul 2024 19:50

Tgt Ion:184 Resp: 126778
Ion Ratio Lower Upper
184 100
63 61.9 70.6 106.0#
154 64.8 53.8 80.6





#55

Dibenzofuran

Concen: 53.576 ng

RT: 10.110 min Scan# 1364

Delta R.T. 0.000 min

Lab File: BF138532.D

Acq: 11 Jul 2024 19:50

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

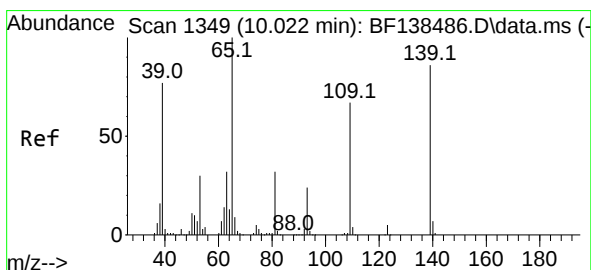
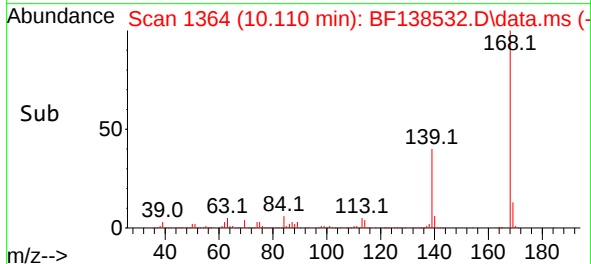
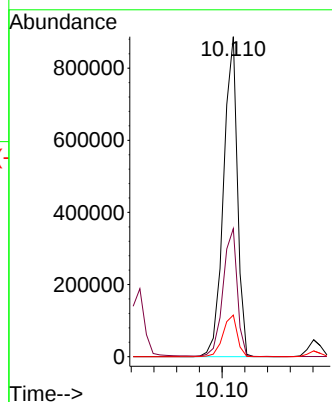
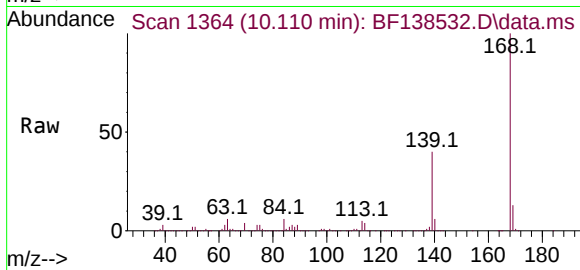
Tgt Ion:168 Resp: 753791

Ion Ratio Lower Upper

168 100

139 40.0 32.4 48.6

169 13.0 10.9 16.3



#56

4-Nitrophenol

Concen: 87.023 ng

RT: 10.028 min Scan# 1350

Delta R.T. 0.006 min

Lab File: BF138532.D

Acq: 11 Jul 2024 19:50

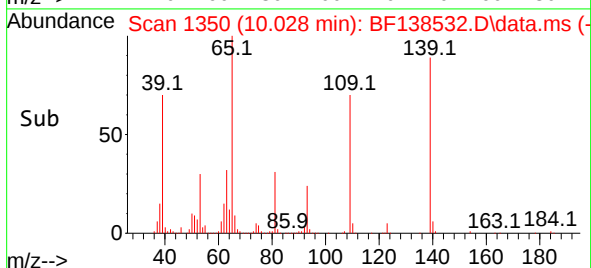
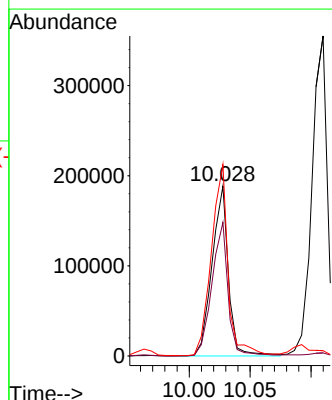
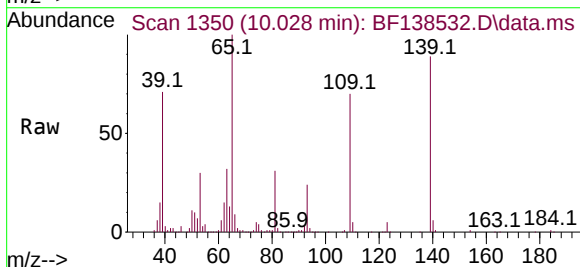
Tgt Ion:139 Resp: 175904

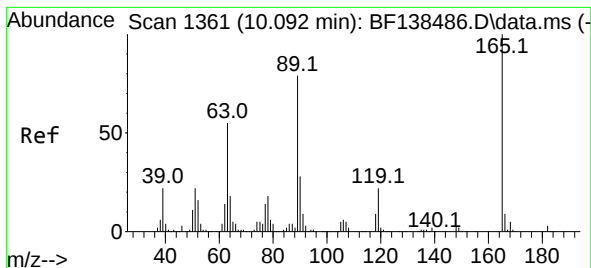
Ion Ratio Lower Upper

139 100

109 78.6 58.1 98.1

65 112.8 96.9 136.9

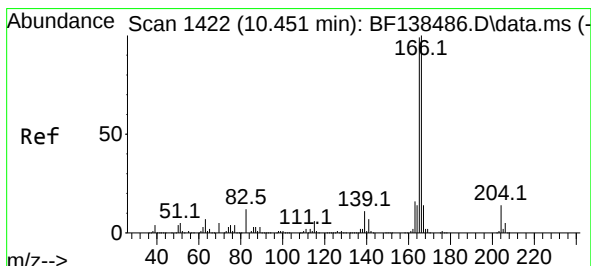
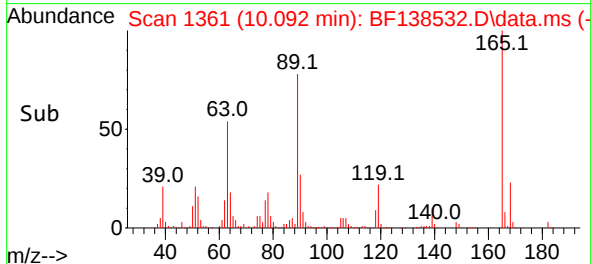
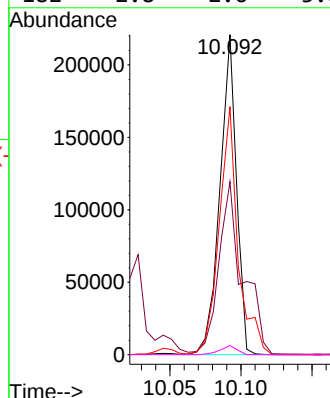
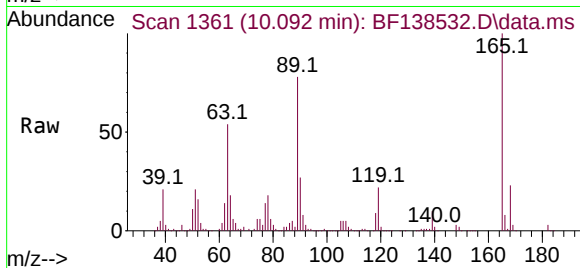




#57
2,4-Dinitrotoluene
Concen: 51.853 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.000 min
Lab File: BF138532.D
Acq: 11 Jul 2024 19:50

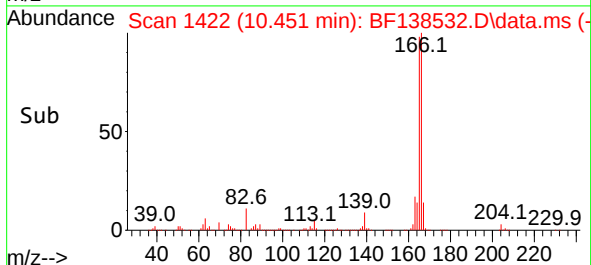
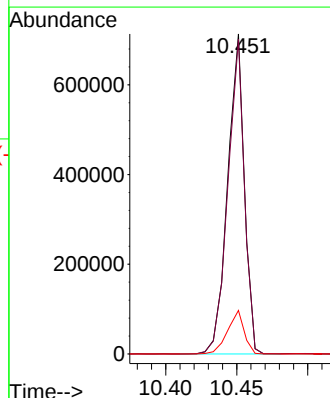
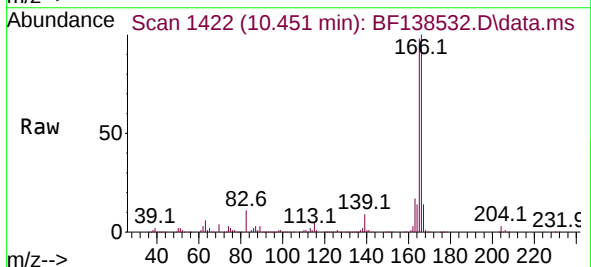
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion:165 Resp: 179323
Ion Ratio Lower Upper
165 100
63 54.0 44.6 66.8
89 77.5 63.4 95.2
182 2.8 2.6 3.8



#58
Fluorene
Concen: 52.116 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF138532.D
Acq: 11 Jul 2024 19:50

Tgt Ion:166 Resp: 580187
Ion Ratio Lower Upper
166 100
165 98.3 79.1 118.7
167 13.6 11.0 16.6

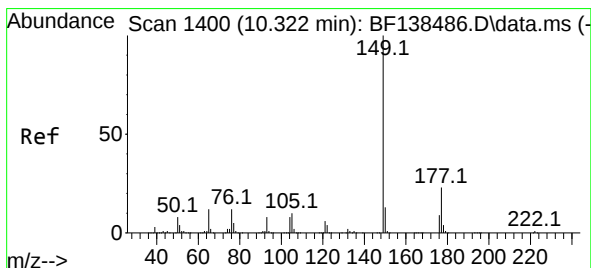
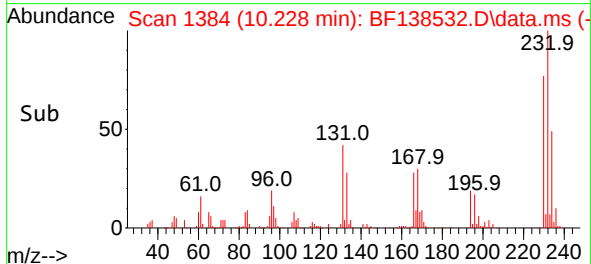
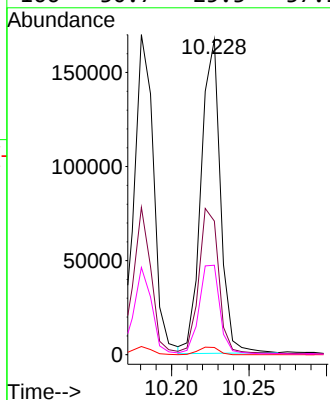
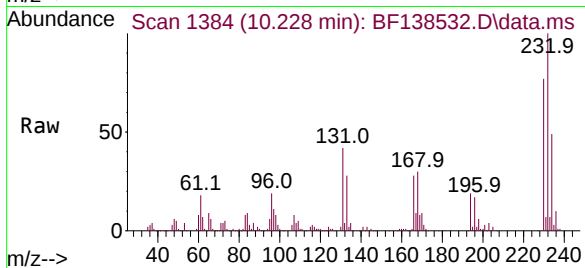




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.348 ng
RT: 10.228 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138532.D
Acq: 11 Jul 2024 19:50

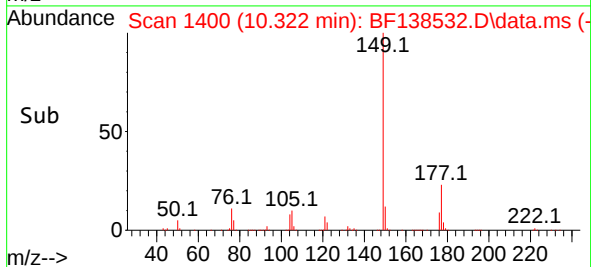
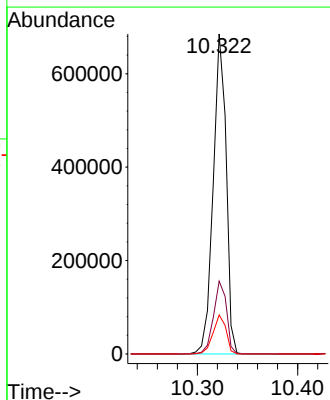
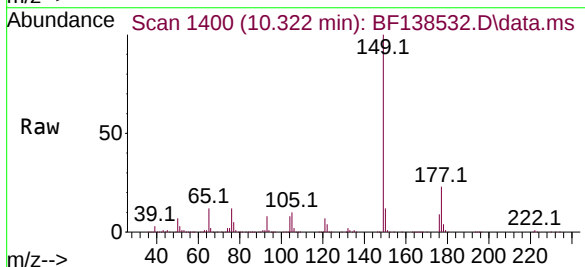
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

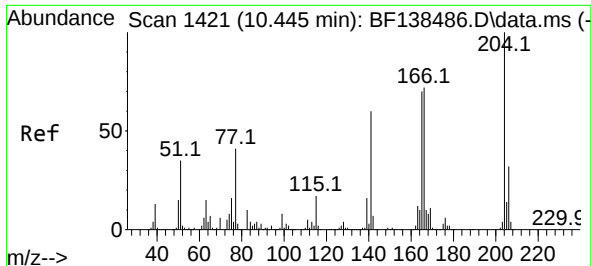
Tgt Ion:232 Resp: 145030
Ion Ratio Lower Upper
232 100
131 48.4 37.5 56.3
130 2.5 2.0 3.0
166 30.7 25.3 37.9



#60
Diethylphthalate
Concen: 54.882 ng
RT: 10.322 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BF138532.D
Acq: 11 Jul 2024 19:50

Tgt Ion:149 Resp: 614193
Ion Ratio Lower Upper
149 100
177 22.7 18.5 27.7
150 12.2 10.3 15.5

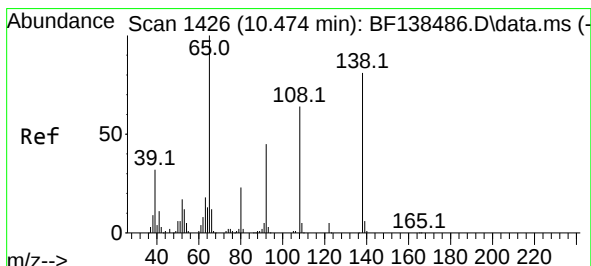
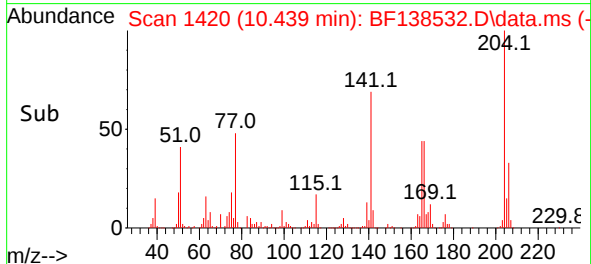
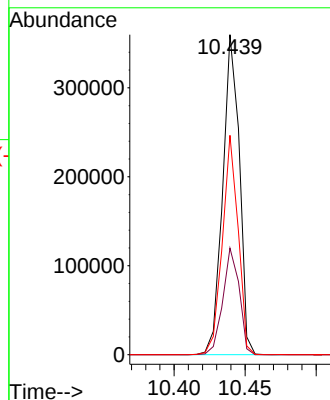
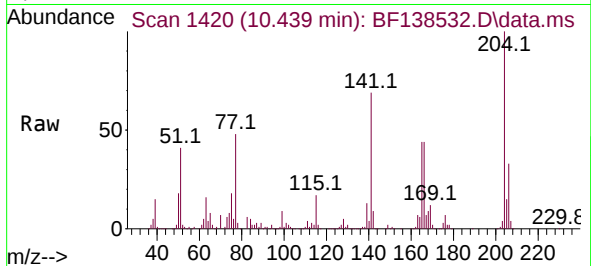




#61
4-Chlorophenyl-phenylether
Concen: 52.125 ng
RT: 10.439 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF138532.D
Acq: 11 Jul 2024 19:50

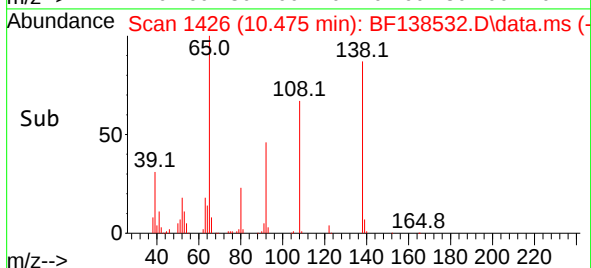
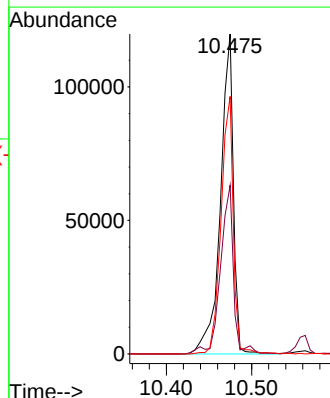
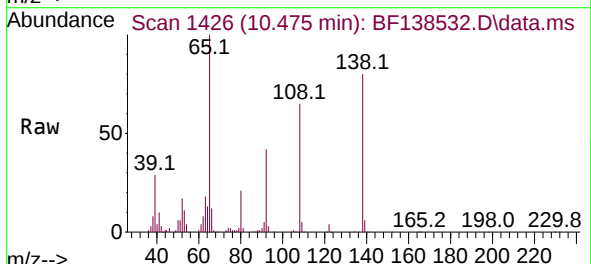
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

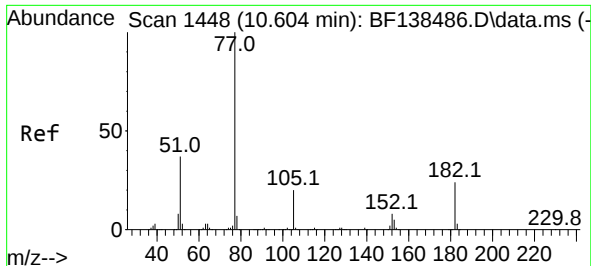
Tgt Ion:204 Resp: 291392
Ion Ratio Lower Upper
204 100
206 33.3 25.6 38.4
141 68.5 47.7 71.5



#62
4-Nitroaniline
Concen: 45.826 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF138532.D
Acq: 11 Jul 2024 19:50

Tgt Ion:138 Resp: 125800
Ion Ratio Lower Upper
138 100
92 52.7 35.8 75.8
108 80.5 59.8 99.8

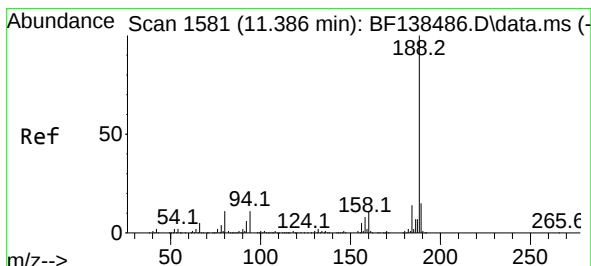
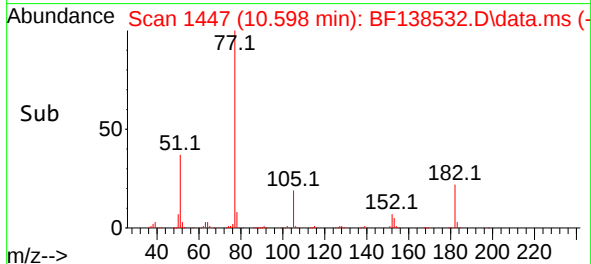
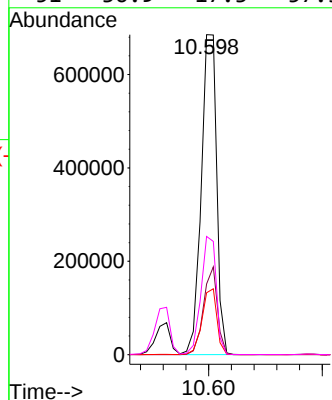
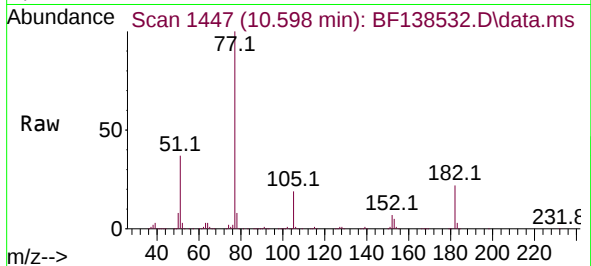




#63
Azobenzene
Concen: 53.737 ng
RT: 10.598 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF138532.D
Acq: 11 Jul 2024 19:50

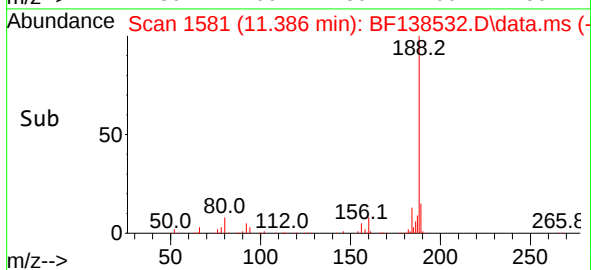
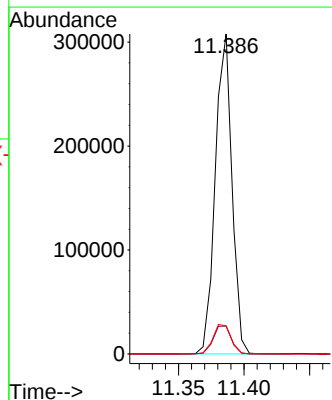
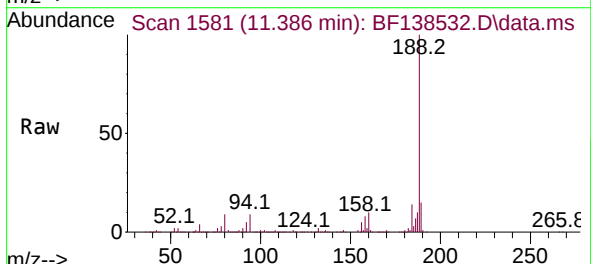
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion: 77	Resp: 646565
Ion Ratio	Lower Upper
77 100	
182 22.1	3.8 43.8
105 19.4	0.0 39.8
51 36.9	17.3 57.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF138532.D
Acq: 11 Jul 2024 19:50

Tgt Ion:188	Resp: 271462		
Ion Ratio	Lower	Upper	
188 100			
94 8.7	8.7	13.1	
80 8.8	9.0	13.4#	

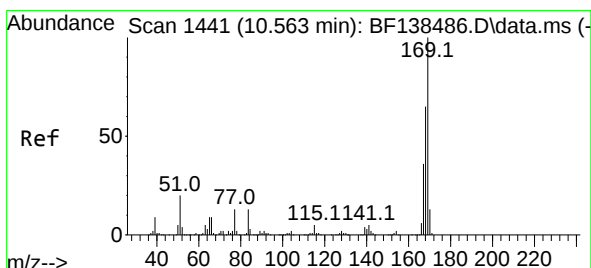
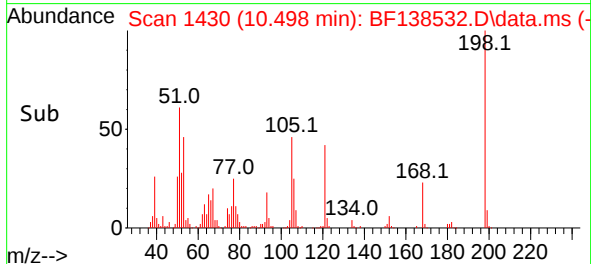
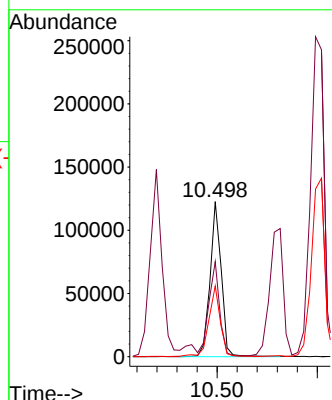
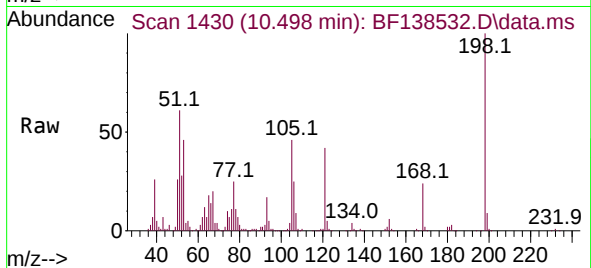




#65
4,6-Dinitro-2-methylphenol
Concen: 60.887 ng
RT: 10.498 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF138532.D
Acq: 11 Jul 2024 19:50

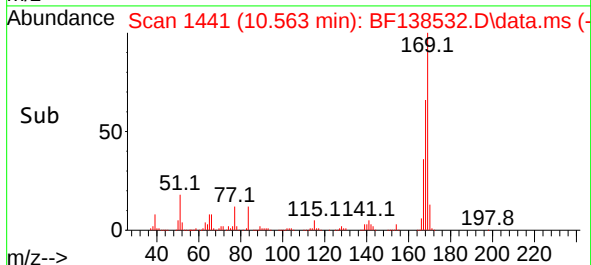
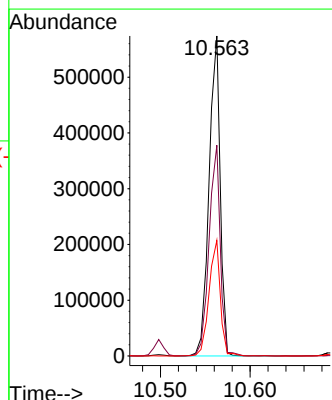
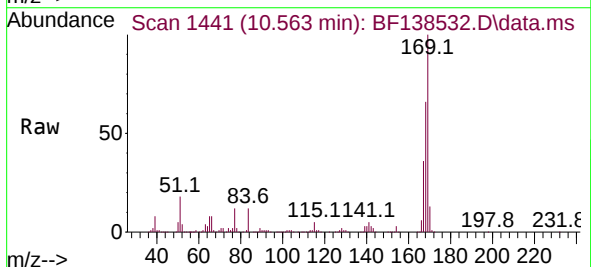
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

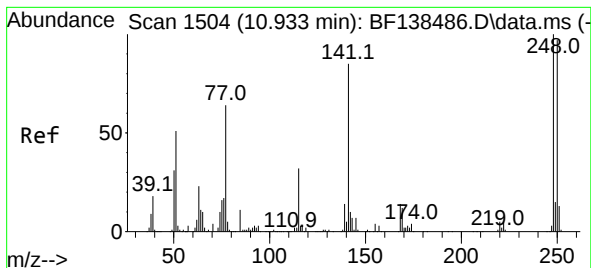
Tgt Ion:198 Resp: 95437
Ion Ratio Lower Upper
198 100
51 61.3 27.2 67.2
105 45.6 18.5 58.5



#66
n-Nitrosodiphenylamine
Concen: 60.824 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF138532.D
Acq: 11 Jul 2024 19:50

Tgt Ion:169 Resp: 494691
Ion Ratio Lower Upper
169 100
168 65.9 51.7 77.5
167 36.1 28.5 42.7

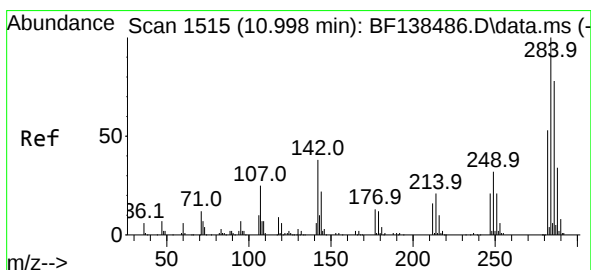
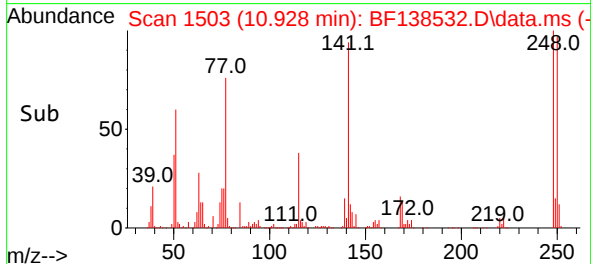
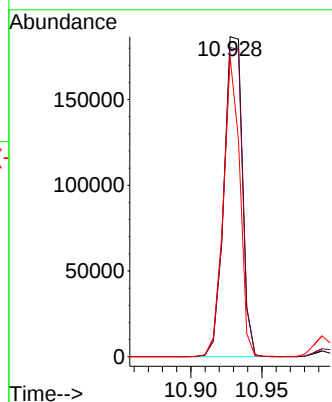
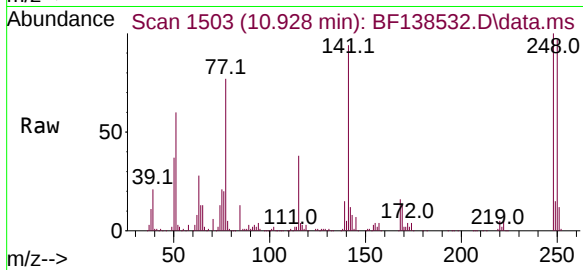




#67
4-Bromophenyl-phenylether
Concen: 60.569 ng
RT: 10.928 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF138532.D
Acq: 11 Jul 2024 19:50

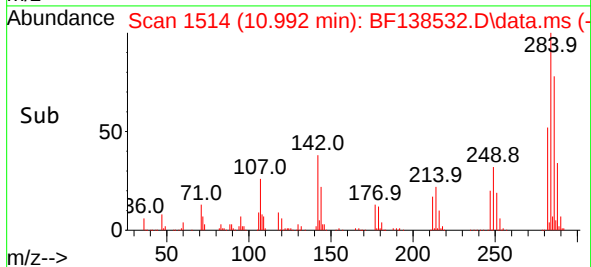
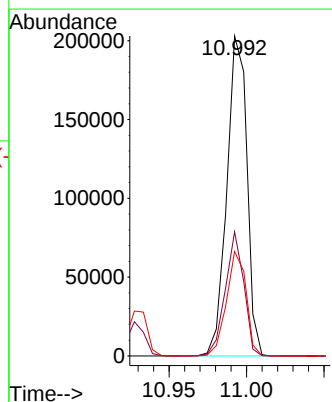
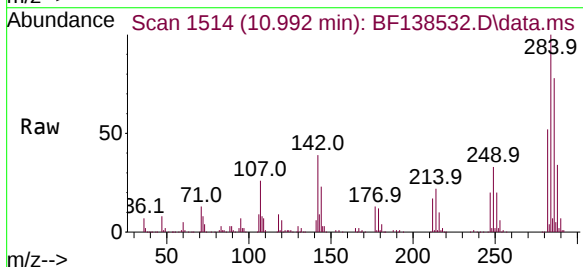
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

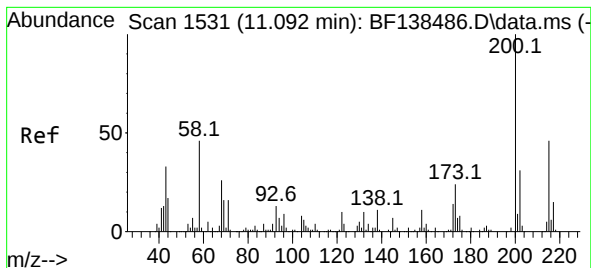
Tgt Ion:248 Resp: 168995
Ion Ratio Lower Upper
248 100
250 96.6 77.9 116.9
141 93.7 67.7 101.5



#68
Hexachlorobenzene
Concen: 59.049 ng
RT: 10.992 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BF138532.D
Acq: 11 Jul 2024 19:50

Tgt Ion:284 Resp: 183029
Ion Ratio Lower Upper
284 100
142 38.8 30.5 45.7
249 32.7 25.9 38.9





#69

Atrazine

Concen: 56.146 ng

RT: 11.086 min Scan# 1530

Delta R.T. -0.006 min

Lab File: BF138532.D

Acq: 11 Jul 2024 19:50

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

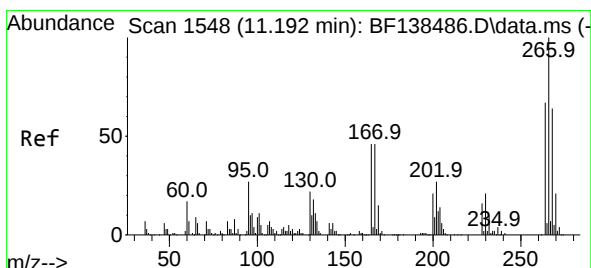
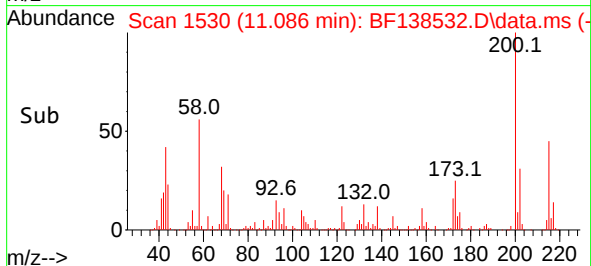
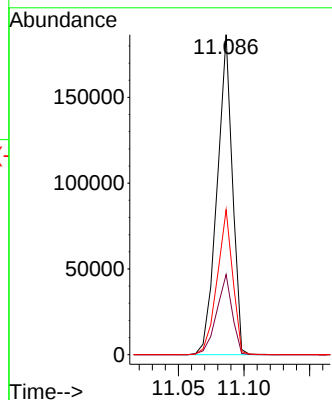
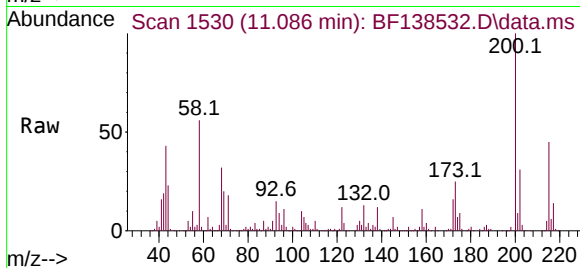
Tgt Ion:200 Resp: 151399

Ion Ratio Lower Upper

200 100

173 25.1 4.1 44.1

215 45.3 26.5 66.5



#70

Pentachlorophenol

Concen: 98.656 ng

RT: 11.192 min Scan# 1548

Delta R.T. 0.000 min

Lab File: BF138532.D

Acq: 11 Jul 2024 19:50

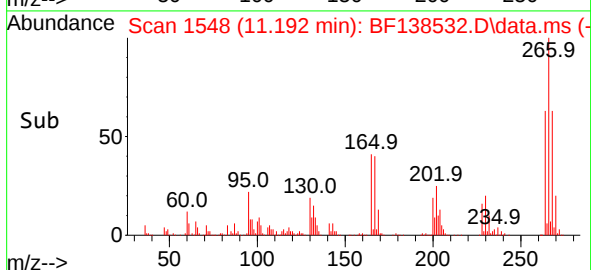
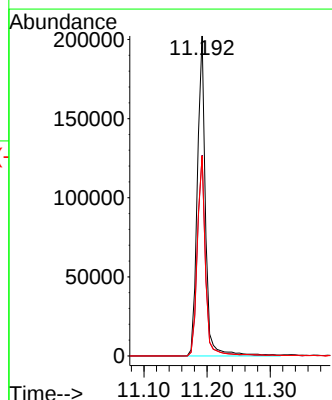
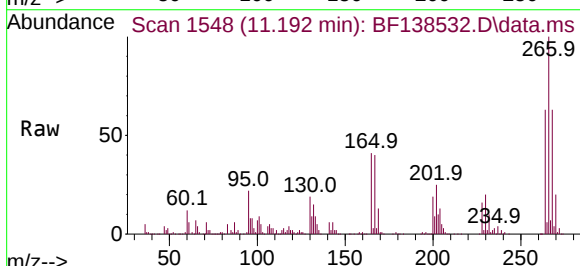
Tgt Ion:266 Resp: 180947

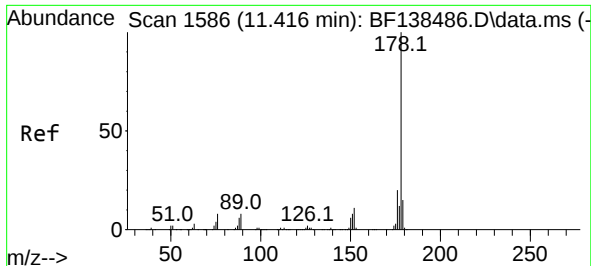
Ion Ratio Lower Upper

266 100

268 62.8 50.9 76.3

264 62.5 53.5 80.3

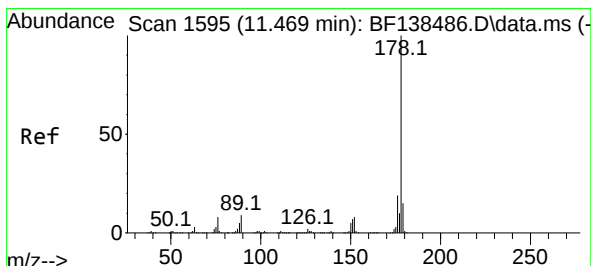
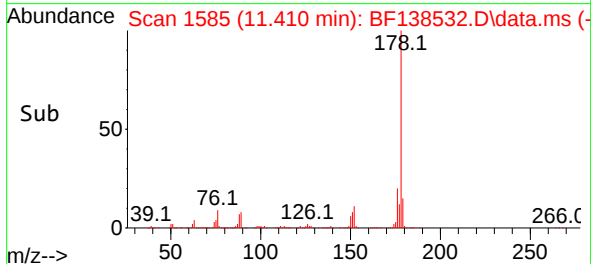
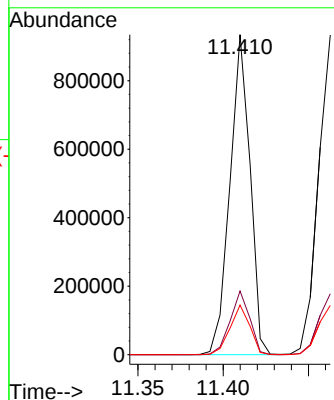
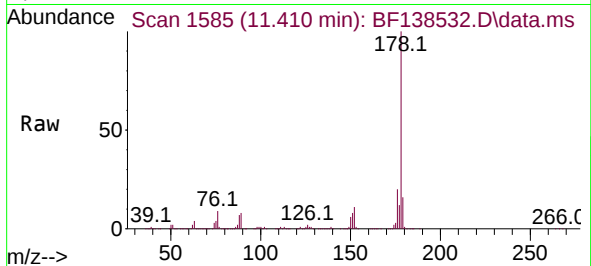




#71
Phenanthrene
Concen: 55.908 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138532.D
Acq: 11 Jul 2024 19:50

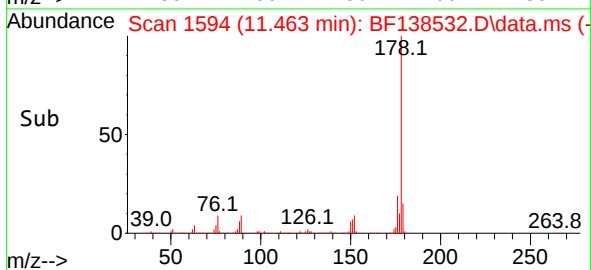
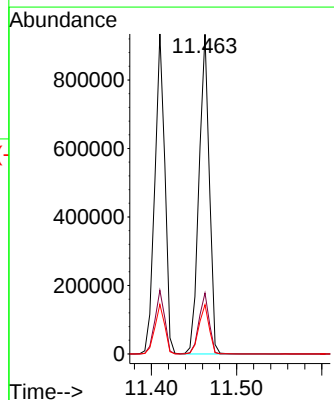
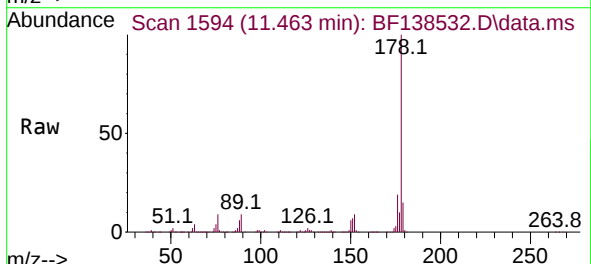
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

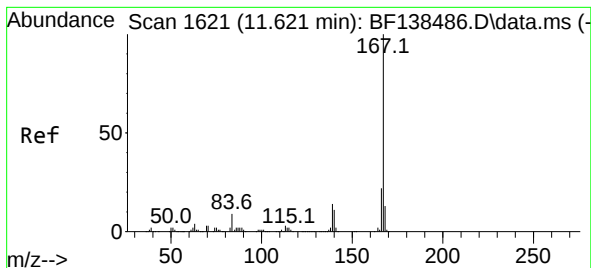
Tgt Ion:178 Resp: 766749
Ion Ratio Lower Upper
178 100
176 19.9 15.7 23.5
179 15.5 12.2 18.2



#72
Anthracene
Concen: 57.589 ng
RT: 11.463 min Scan# 1594
Delta R.T. -0.006 min
Lab File: BF138532.D
Acq: 11 Jul 2024 19:50

Tgt Ion:178 Resp: 784006
Ion Ratio Lower Upper
178 100
176 19.1 14.8 22.2
179 15.4 12.2 18.4





#73

Carbazole

Concen: 50.454 ng

RT: 11.616 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138532.D

Acq: 11 Jul 2024 19:50

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

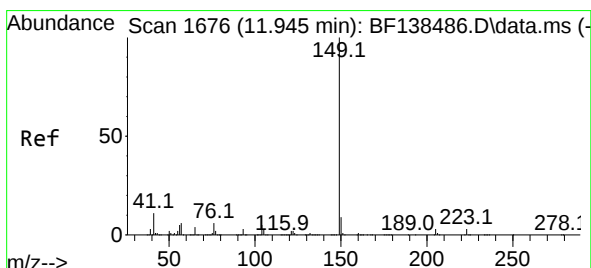
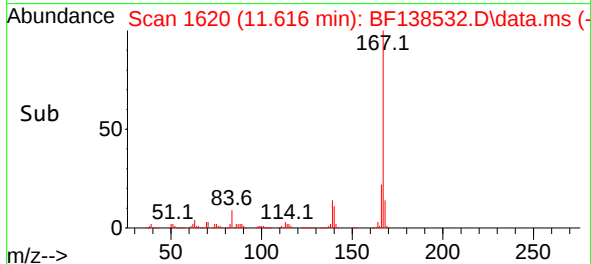
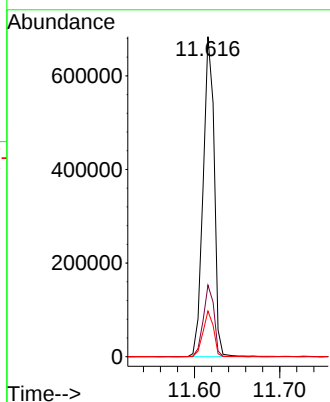
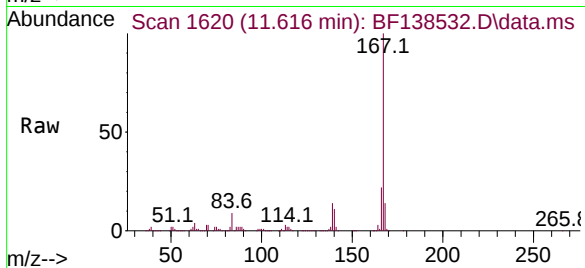
Tgt Ion:167 Resp: 617271

Ion Ratio Lower Upper

167 100

166 22.4 17.8 26.6

139 14.3 11.0 16.4



#74

Di-n-butylphthalate

Concen: 62.202 ng

RT: 11.945 min Scan# 1676

Delta R.T. 0.000 min

Lab File: BF138532.D

Acq: 11 Jul 2024 19:50

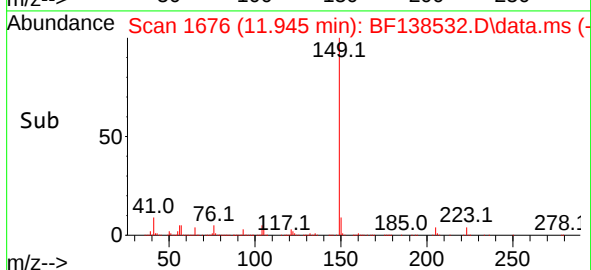
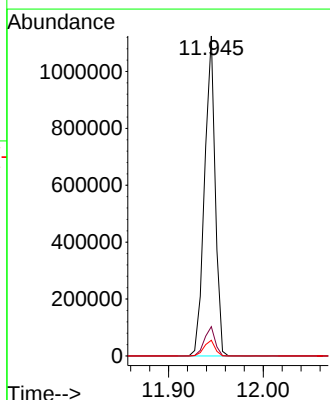
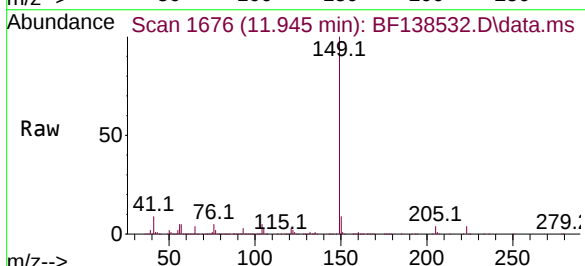
Tgt Ion:149 Resp: 877190

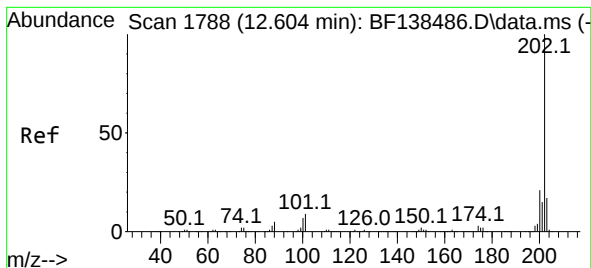
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 4.9 4.4 6.6





#75

Fluoranthene

Concen: 49.061 ng

RT: 12.598 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138532.D

Acq: 11 Jul 2024 19:50

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

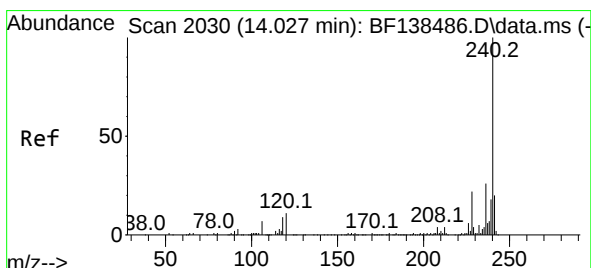
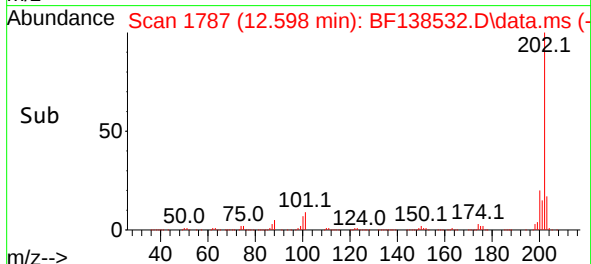
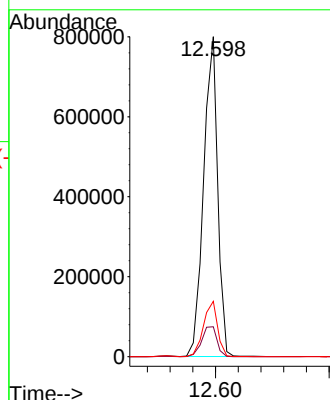
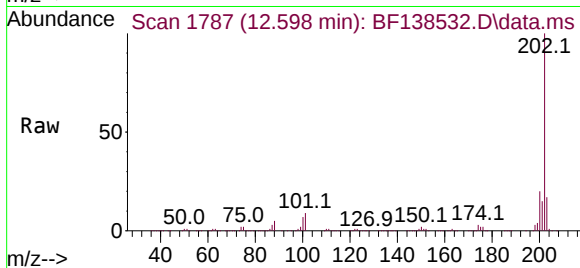
Tgt Ion:202 Resp: 686570

Ion Ratio Lower Upper

202 100

101 9.4 0.0 29.2

203 17.3 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.021 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF138532.D

Acq: 11 Jul 2024 19:50

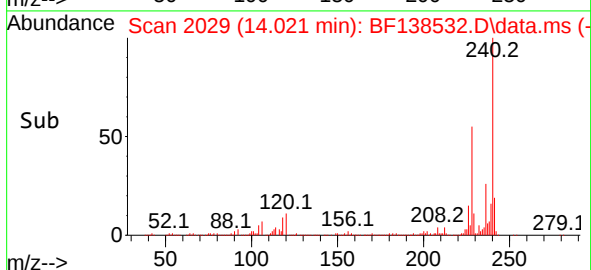
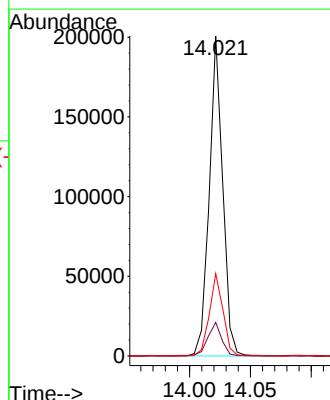
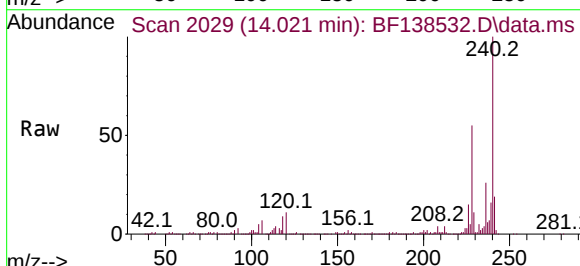
Tgt Ion:240 Resp: 154269

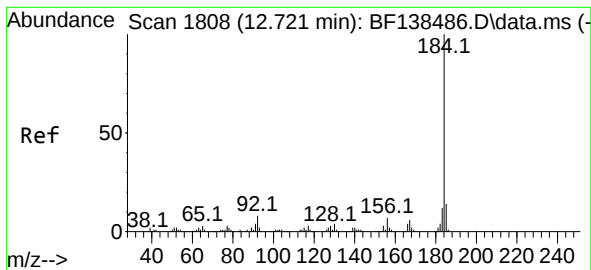
Ion Ratio Lower Upper

240 100

120 10.5 8.6 12.8

236 25.7 21.0 31.6





#77

Benzidine

Concen: 31.444 ng

RT: 12.716 min Scan# 1807

Delta R.T. -0.005 min

Lab File: BF138532.D

Acq: 11 Jul 2024 19:50

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

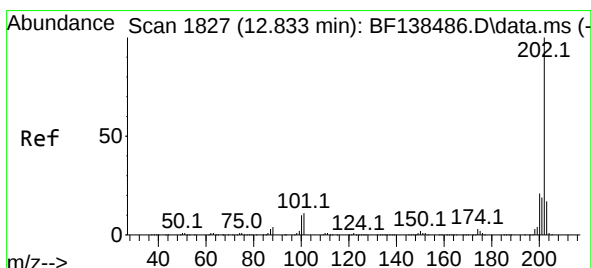
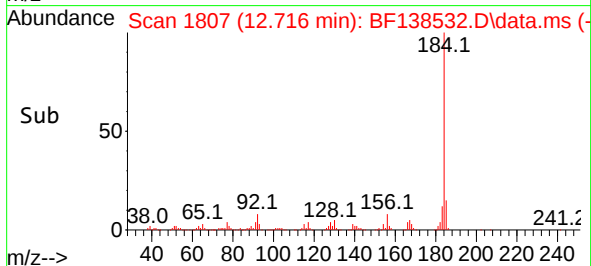
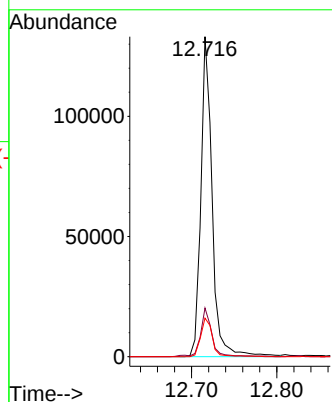
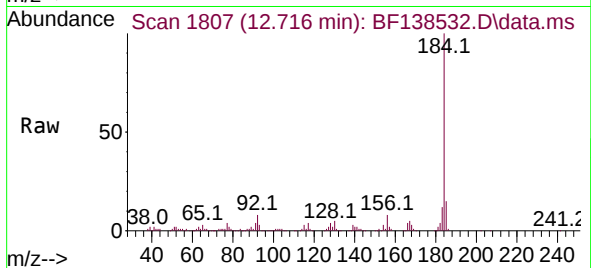
Tgt Ion:184 Resp: 122387

Ion Ratio Lower Upper

184 100

185 15.2 11.3 16.9

183 12.1 9.5 14.3



#78

Pyrene

Concen: 43.685 ng

RT: 12.827 min Scan# 1826

Delta R.T. -0.006 min

Lab File: BF138532.D

Acq: 11 Jul 2024 19:50

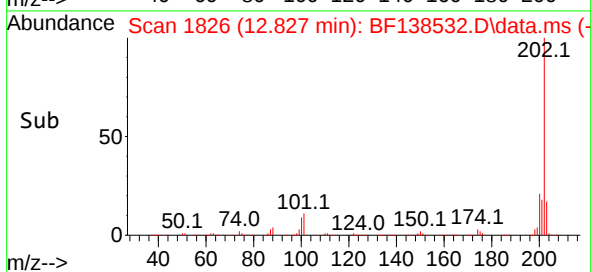
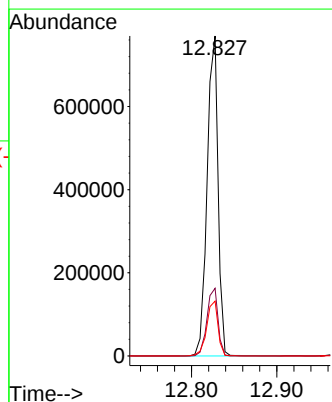
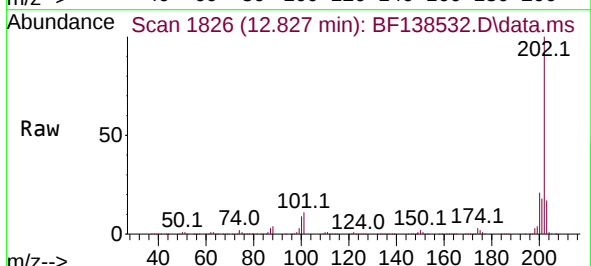
Tgt Ion:202 Resp: 684124

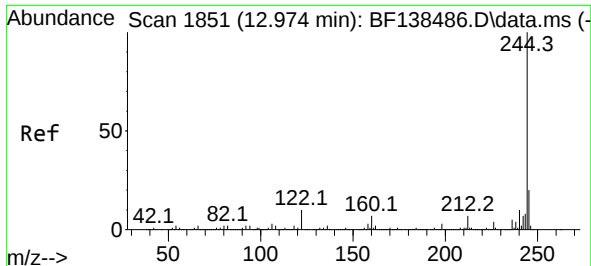
Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.6

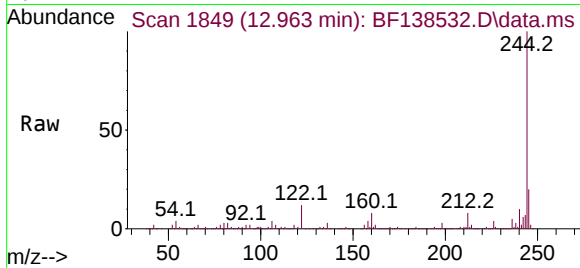
203 17.1 13.7 20.5



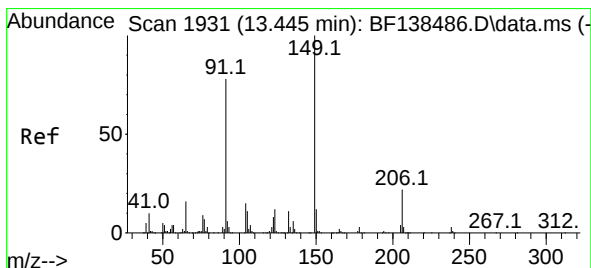
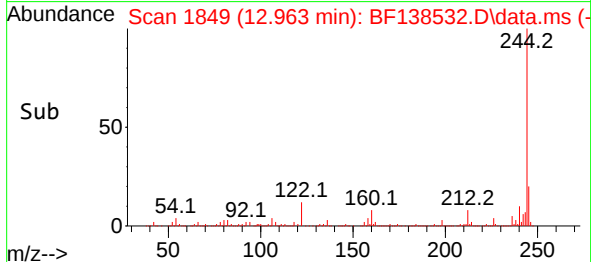
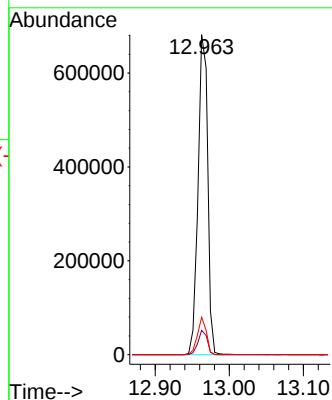


#79
 Terphenyl-d14
 Concen: 64.985 ng
 RT: 12.963 min Scan# 1849
 Delta R.T. -0.012 min
 Lab File: BF138532.D
 Acq: 11 Jul 2024 19:50

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

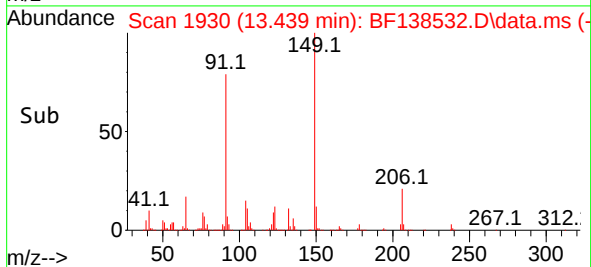
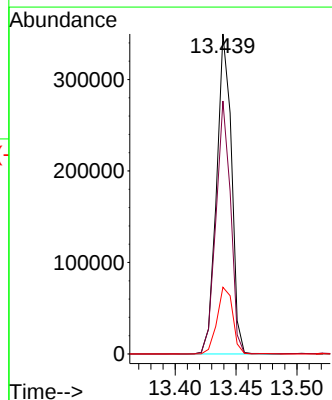
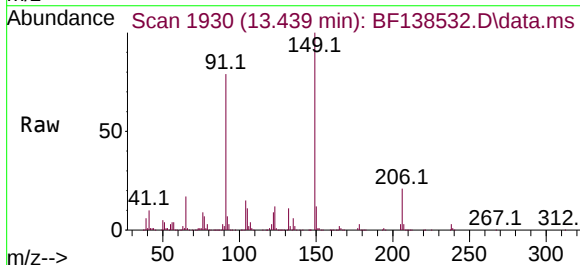


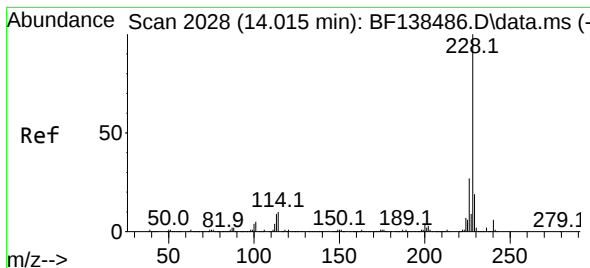
Tgt Ion:244 Resp: 615379
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.5 8.3
 122 11.7 7.8 11.8



#80
 Butylbenzylphthalate
 Concen: 63.170 ng
 RT: 13.439 min Scan# 1930
 Delta R.T. -0.006 min
 Lab File: BF138532.D
 Acq: 11 Jul 2024 19:50

Tgt Ion:149 Resp: 297589
 Ion Ratio Lower Upper
 149 100
 91 79.1 62.1 93.1
 206 20.9 18.0 27.0





#81

Benzo(a)anthracene

Concen: 55.804 ng

RT: 14.010 min Scan# 2028

Delta R.T. -0.006 min

Lab File: BF138532.D

Acq: 11 Jul 2024 19:50

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

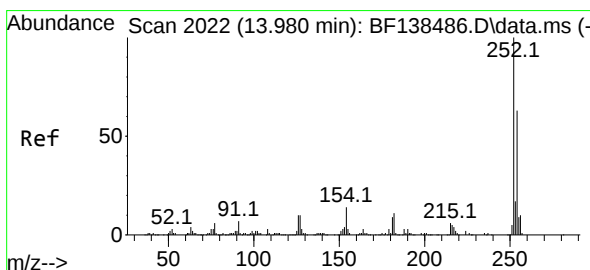
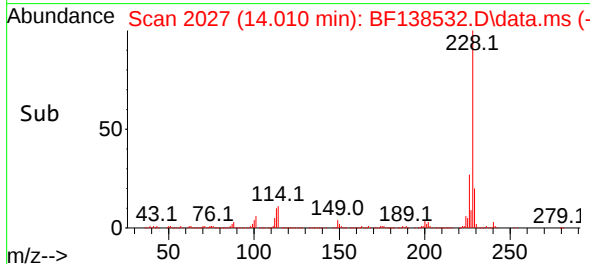
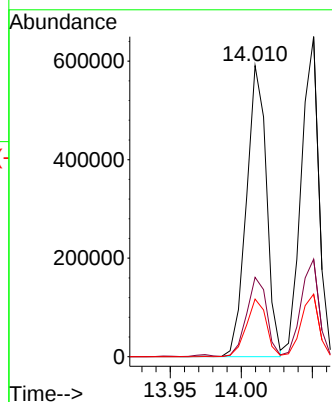
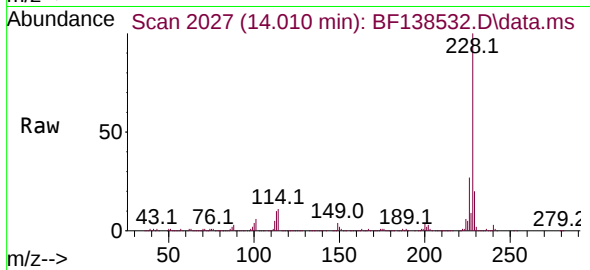
Tgt Ion:228 Resp: 577650

Ion Ratio Lower Upper

228 100

226 27.3 21.9 32.9

229 19.8 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 60.143 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF138532.D

Acq: 11 Jul 2024 19:50

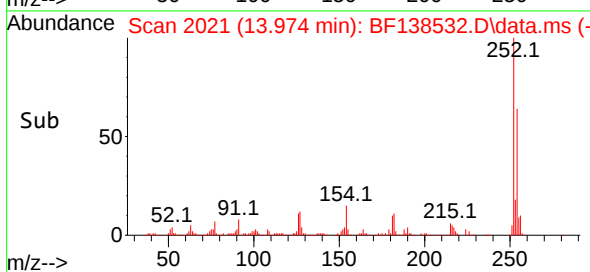
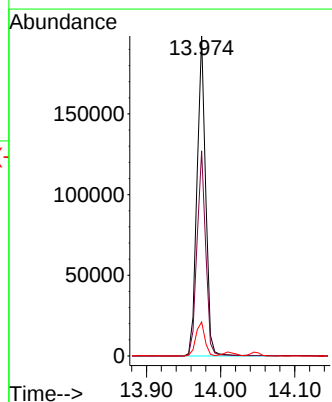
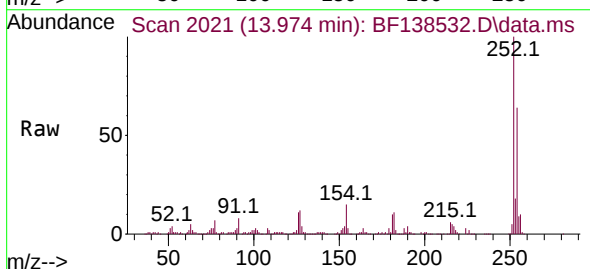
Tgt Ion:252 Resp: 160421

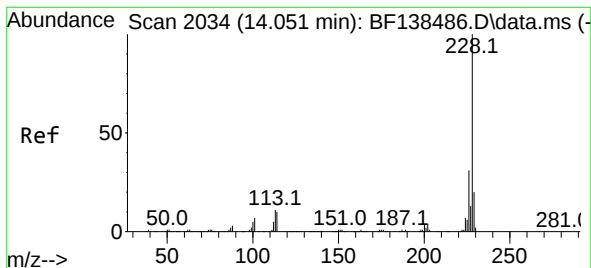
Ion Ratio Lower Upper

252 100

254 64.1 50.3 75.5

126 10.6 8.1 12.1





#83

Chrysene

Concen: 57.222 ng

RT: 14.051 min Scan# 2034

Delta R.T. 0.000 min

Lab File: BF138532.D

Acq: 11 Jul 2024 19:50

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

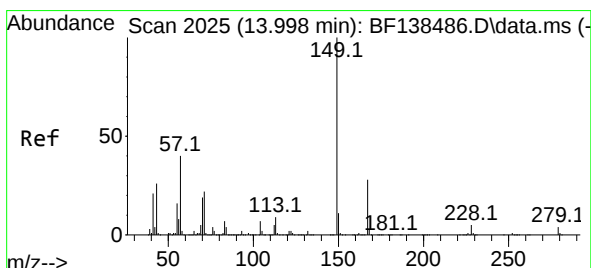
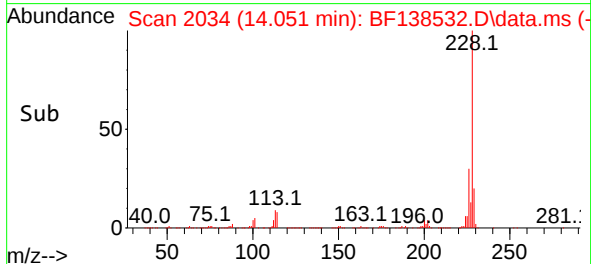
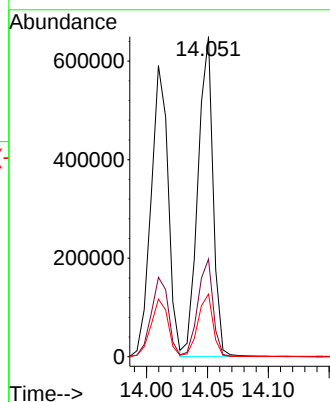
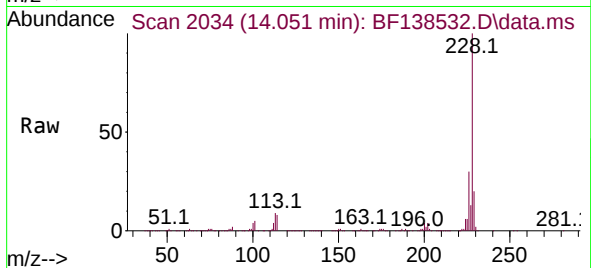
Tgt Ion:228 Resp: 560350

Ion Ratio Lower Upper

228 100

226 30.5 24.4 36.6

229 19.6 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 84.387 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF138532.D

Acq: 11 Jul 2024 19:50

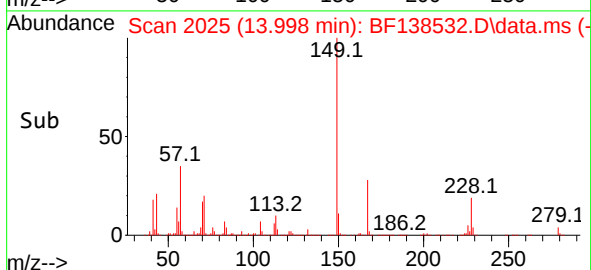
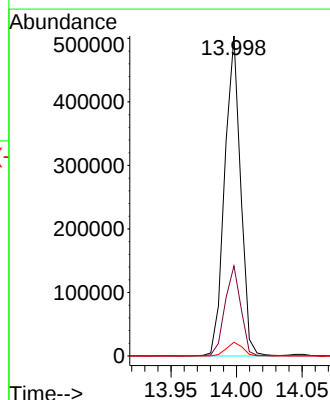
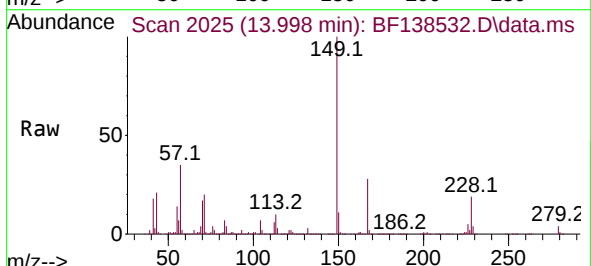
Tgt Ion:149 Resp: 423986

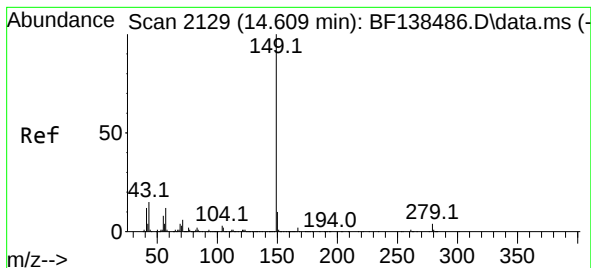
Ion Ratio Lower Upper

149 100

167 28.2 22.5 33.7

279 4.3 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 90.139 ng

RT: 14.610 min Scan# 2129

Delta R.T. 0.001 min

Lab File: BF138532.D

Acq: 11 Jul 2024 19:50

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

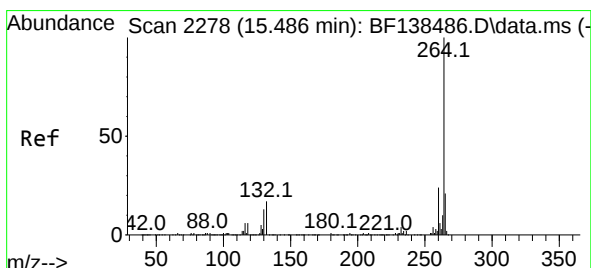
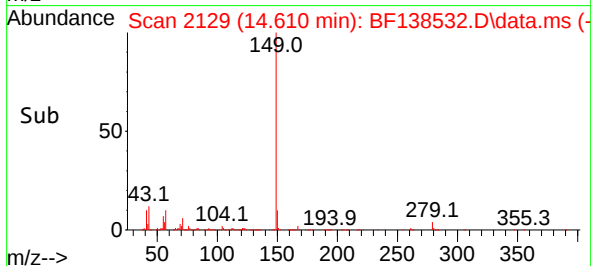
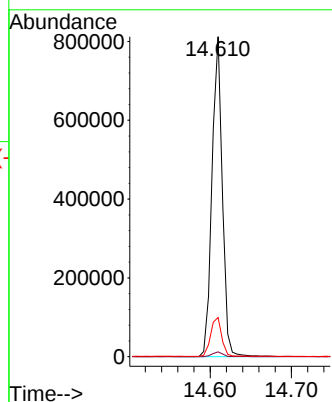
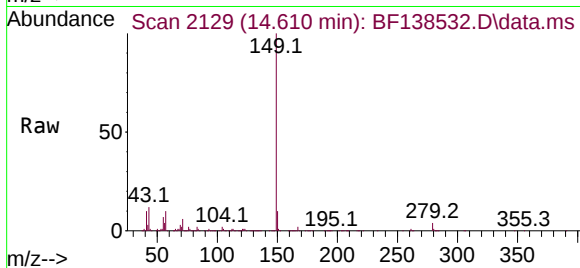
Tgt Ion:149 Resp: 715447

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 13.0 10.7 16.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.480 min Scan# 2277

Delta R.T. -0.006 min

Lab File: BF138532.D

Acq: 11 Jul 2024 19:50

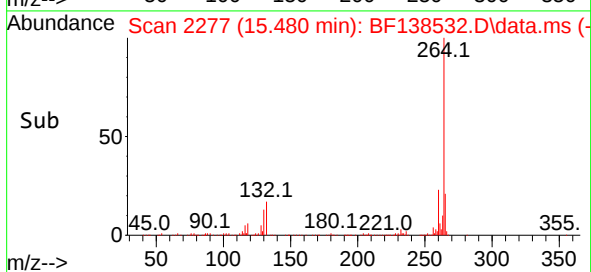
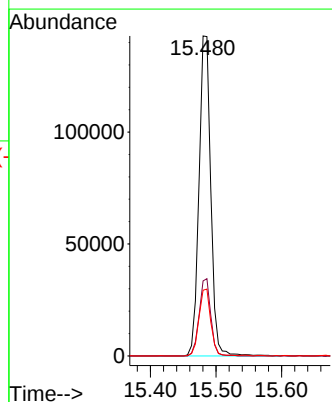
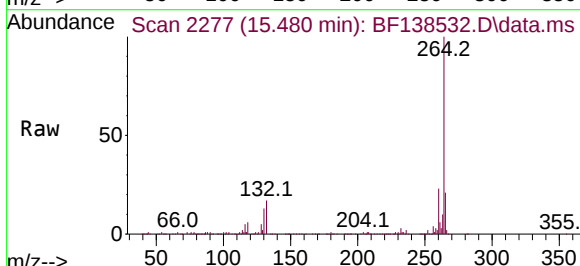
Tgt Ion:264 Resp: 179182

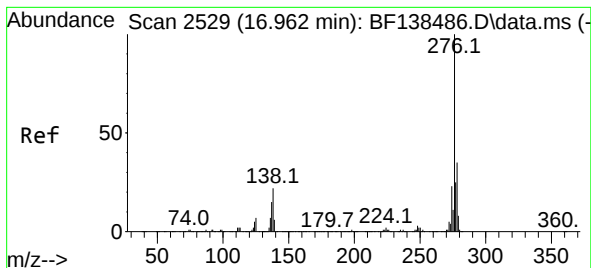
Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.6

265 20.6 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.057 ng

RT: 16.951 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF138532.D

Acq: 11 Jul 2024 19:50

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

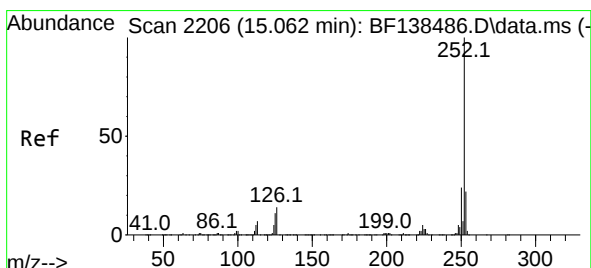
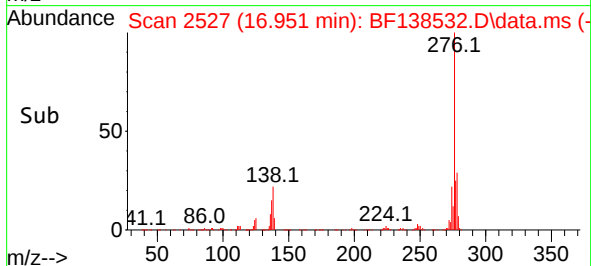
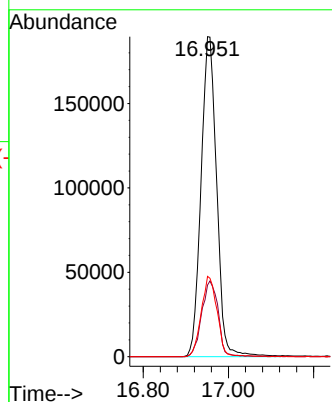
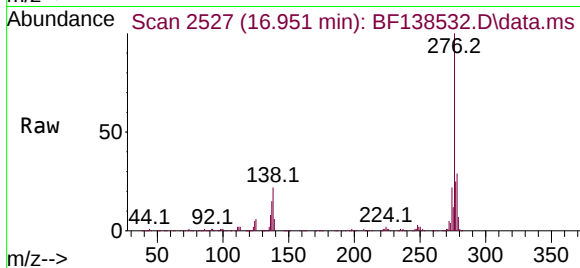
Tgt Ion:276 Resp: 482113

Ion Ratio Lower Upper

276 100

138 24.9 19.6 29.4

277 25.5 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 58.678 ng

RT: 15.057 min Scan# 2205

Delta R.T. -0.006 min

Lab File: BF138532.D

Acq: 11 Jul 2024 19:50

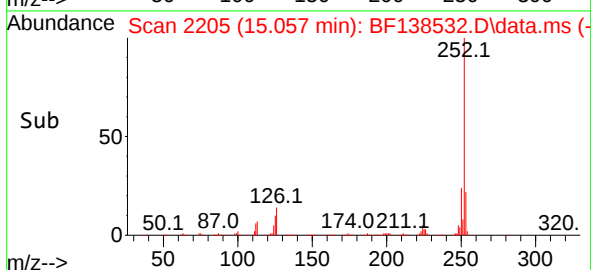
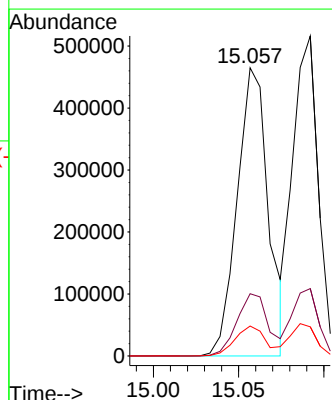
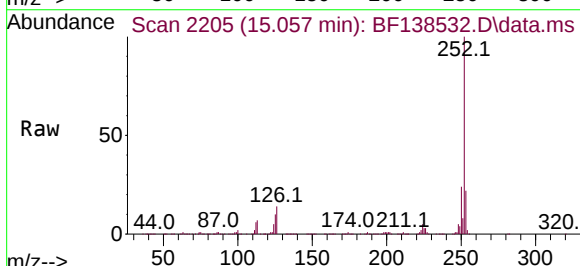
Tgt Ion:252 Resp: 592122

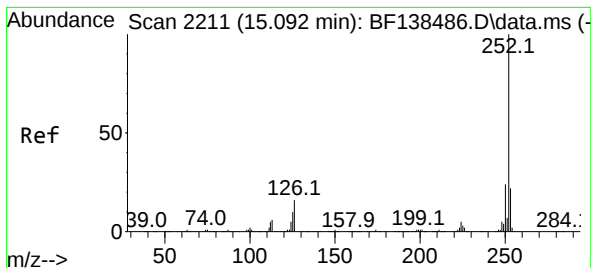
Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

125 10.4 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 55.348 ng

RT: 15.092 min Scan# 2211

Delta R.T. 0.000 min

Lab File: BF138532.D

Acq: 11 Jul 2024 19:50

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

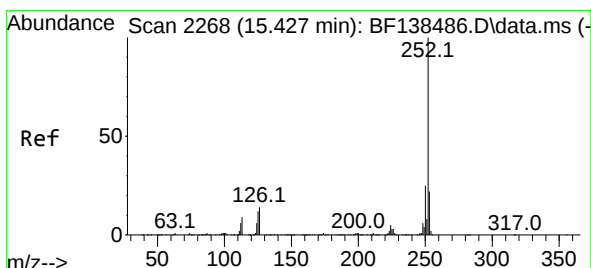
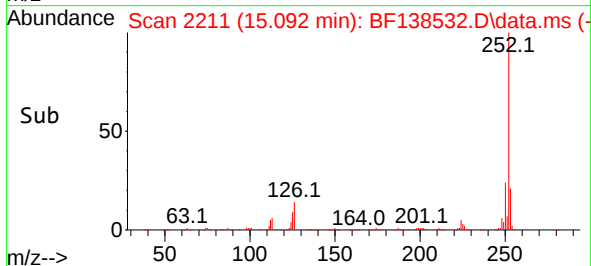
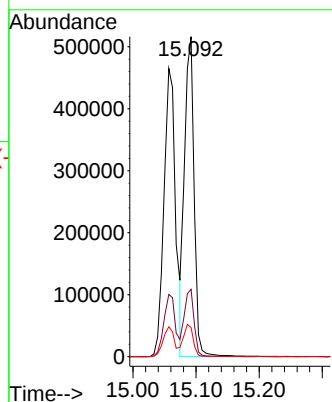
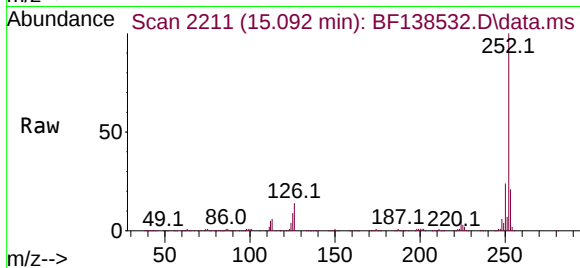
Tgt Ion:252 Resp: 544716

Ion Ratio Lower Upper

252 100

253 21.0 17.7 26.5

125 9.1 8.1 12.1



#90

Benzo(a)pyrene

Concen: 58.891 ng

RT: 15.427 min Scan# 2268

Delta R.T. 0.000 min

Lab File: BF138532.D

Acq: 11 Jul 2024 19:50

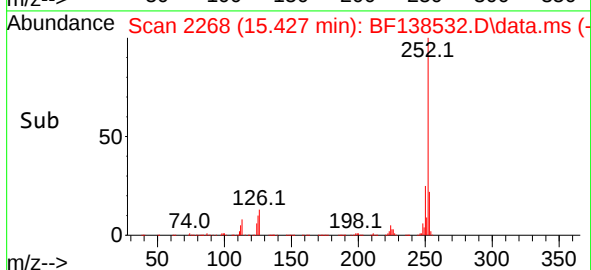
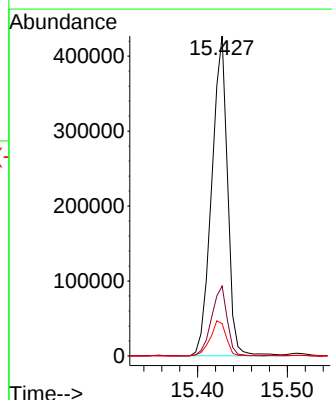
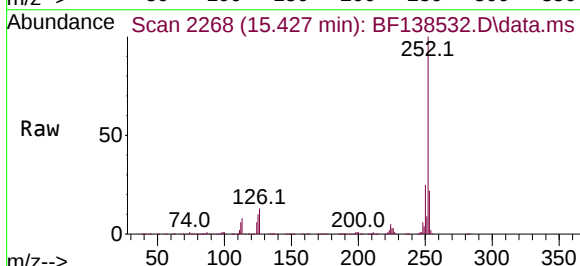
Tgt Ion:252 Resp: 522037

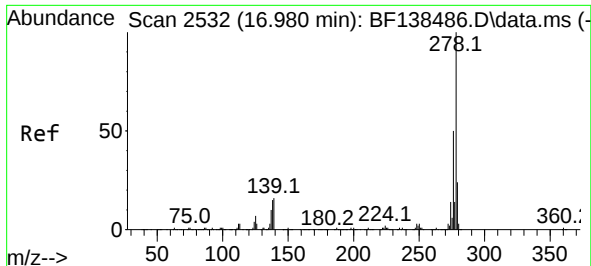
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 10.1 9.4 14.2

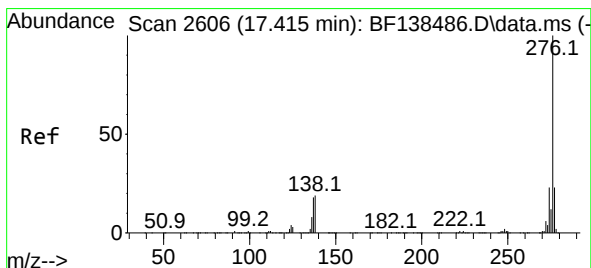
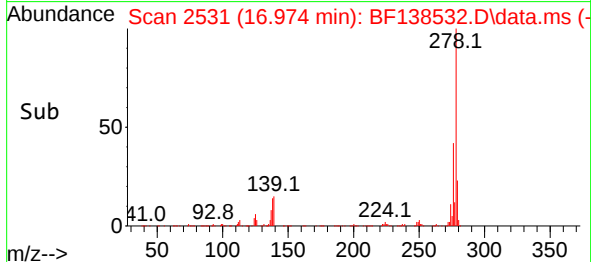
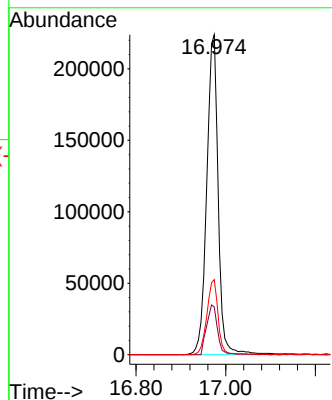
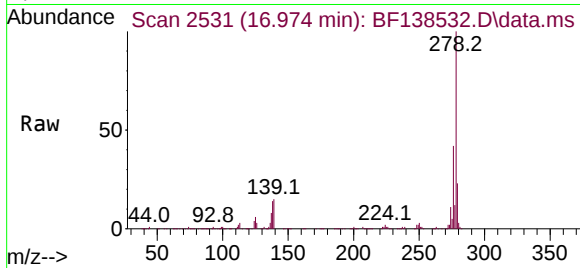




#91
Dibenzo(a,h)anthracene
Concen: 40.302 ng
RT: 16.974 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138532.D
Acq: 11 Jul 2024 19:50

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.9	12.8	19.2
279	23.4	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 33.092 ng
RT: 17.398 min Scan# 2603
Delta R.T. -0.017 min
Lab File: BF138532.D
Acq: 11 Jul 2024 19:50

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.0	27.0
138	21.0	15.5	23.3

