

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070224\
 Data File : BF138420.D
 Acq On : 02 Jul 2024 10:41
 Operator : CG\JU
 Sample : PB161853BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161853BS

Quant Time: Jul 02 11:38:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 29 02:44:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	197326	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	814531	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	444346	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	709134	20.000	ng	0.00
76) Chrysene-d12	14.033	240	297620	20.000	ng	0.00
86) Perylene-d12	15.498	264	365567	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1448199	121.679	ng	0.02
7) Phenol-d6	6.522	99	1961738	122.357	ng	0.00
23) Nitrobenzene-d5	7.445	82	1273134	81.196	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	422942	116.501	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	2048101	73.354	ng	0.00
79) Terphenyl-d14	12.980	244	1566027	72.109	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.751	88	204986	36.565	ng	99
3) Pyridine	3.498	79	503829	37.672	ng	99
4) n-Nitrosodimethylamine	3.457	42	386526	46.325	ng	100
6) Aniline	6.539	93	461789	29.515	ng	94
8) 2-Chlorophenol	6.663	128	605566	47.395	ng	97
9) Benzaldehyde	6.422	77	67209	6.792	ng	96
10) Phenol	6.534	94	753765	44.128	ng	97
11) bis(2-Chloroethyl)ether	6.616	93	606329	45.196	ng	99
12) 1,3-Dichlorobenzene	6.816	146	589909	40.317	ng	99
13) 1,4-Dichlorobenzene	6.892	146	607501	41.408	ng	99
14) 1,2-Dichlorobenzene	7.045	146	586316	43.290	ng	99
15) Benzyl Alcohol	7.022	79	551591	48.033	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	1196057	44.200	ng	95
17) 2-Methylphenol	7.133	107	472182	44.591	ng	97
18) Hexachloroethane	7.386	117	222875	42.117	ng	97
19) n-Nitroso-di-n-propyla...	7.292	70	431309	42.673	ng	96
20) 3+4-Methylphenols	7.286	107	553027	44.948	ng	99
22) Acetophenone	7.286	105	772053	41.780	ng	# 99
24) Nitrobenzene	7.463	77	666944	41.820	ng	96
25) Isophorone	7.698	82	1245659	43.084	ng	99
26) 2-Nitrophenol	7.775	139	322268	46.849	ng	100
27) 2,4-Dimethylphenol	7.816	122	423578	48.112	ng	97
28) bis(2-Chloroethoxy)met...	7.904	93	747572	42.957	ng	99
29) 2,4-Dichlorophenol	8.022	162	486263	43.003	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	525991	40.007	ng	100
31) Naphthalene	8.181	128	1688999	41.018	ng	100
32) Benzoic acid	7.951	122	358271	44.819	ng	98
33) 4-Chloroaniline	8.228	127	367708	25.569	ng	97
34) Hexachlorobutadiene	8.292	225	296422	37.552	ng	99
35) Caprolactam	8.604	113	101096	28.313	ng	99
36) 4-Chloro-3-methylphenol	8.716	107	527923	43.831	ng	98
37) 2-Methylnaphthalene	8.869	142	1092807	41.064	ng	100
38) 1-Methylnaphthalene	8.969	142	1011556	39.194	ng	100
40) 1,2,4,5-Tetrachloroben...	9.033	216	489752	39.847	ng	99
41) Hexachlorocyclopentadiene	9.022	237	387276	107.048	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	327559	41.884	ng	99

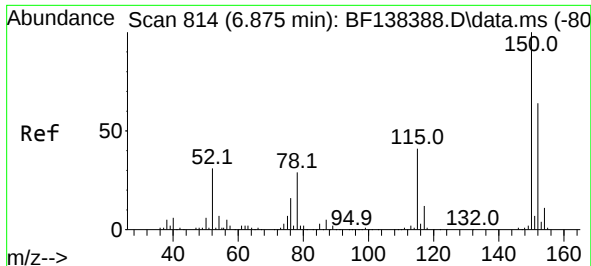
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 29 02:44:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	349474	41.088	ng	95
46) 1,1'-Biphenyl	9.333	154	1338992	40.358	ng	98
47) 2-Chloronaphthalene	9.363	162	1010370	39.941	ng	99
48) 2-Nitroaniline	9.457	65	377245	46.232	ng	95
49) Acenaphthylene	9.774	152	1571505	44.173	ng	99
50) Dimethylphthalate	9.639	163	1191589	41.726	ng	100
51) 2,6-Dinitrotoluene	9.698	165	270930	42.361	ng	96
52) Acenaphthene	9.951	154	939461	38.565	ng	99
53) 3-Nitroaniline	9.869	138	192926	30.542	ng	97
54) 2,4-Dinitrophenol	9.980	184	263177	95.355	ng	# 85
55) Dibenzofuran	10.122	168	1388747	41.376	ng	99
56) 4-Nitrophenol	10.045	139	398846	97.383	ng	97
57) 2,4-Dinitrotoluene	10.104	165	350443	44.501	ng	98
58) Fluorene	10.463	166	1027845	38.540	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	284350	45.010	ng	100
60) Diethylphthalate	10.339	149	1105174	41.393	ng	98
61) 4-Chlorophenyl-phenyle...	10.451	204	517529	38.246	ng	96
62) 4-Nitroaniline	10.486	138	253164	43.664	ng	99
63) Azobenzene	10.616	77	1243828	44.112	ng	96
65) 4,6-Dinitro-2-methylph...	10.510	198	185803	48.821	ng	# 75
66) n-Nitrosodiphenylamine	10.574	169	932521	42.359	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	312229	40.963	ng	93
68) Hexachlorobenzene	11.010	284	334080	39.765	ng	93
69) Atrazine	11.098	200	271323	43.956	ng	99
70) Pentachlorophenol	11.204	266	374403	87.805	ng	99
71) Phenanthrene	11.427	178	1483583	42.849	ng	99
72) Anthracene	11.474	178	1492921	43.237	ng	99
73) Carbazole	11.627	167	1224238	42.707	ng	99
74) Di-n-butylphthalate	11.957	149	1559491	42.928	ng	100
75) Fluoranthene	12.610	202	1286435	41.444	ng	98
77) Benzidine	12.727	184	102323	42.995	ng	96
78) Pyrene	12.839	202	1239787	38.975	ng	99
80) Butylbenzylphthalate	13.451	149	410866	42.447	ng	97
81) Benzo(a)anthracene	14.021	228	855750	44.672	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	230821	40.812	ng	99
83) Chrysene	14.057	228	846191	45.396	ng	98
84) Bis(2-ethylhexyl)phtha...	14.010	149	555939	45.798	ng	99
85) Di-n-octyl phthalate	14.621	149	1094876	51.531	ng	98
87) Indeno(1,2,3-cd)pyrene	16.974	276	895181	48.735	ng	99
88) Benzo(b)fluoranthene	15.074	252	928085	46.272	ng	98
89) Benzo(k)fluoranthene	15.104	252	908295	49.165	ng	99
90) Benzo(a)pyrene	15.439	252	878385	49.964	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	714315	48.178	ng	99
92) Benzo(g,h,i)perylene	17.427	276	667960	46.052	ng	98

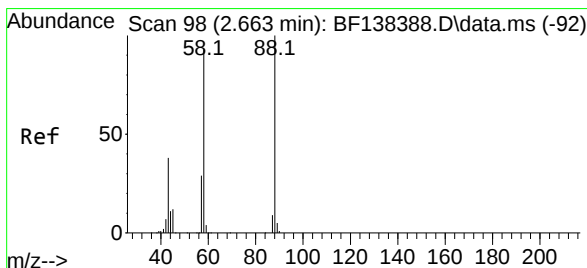
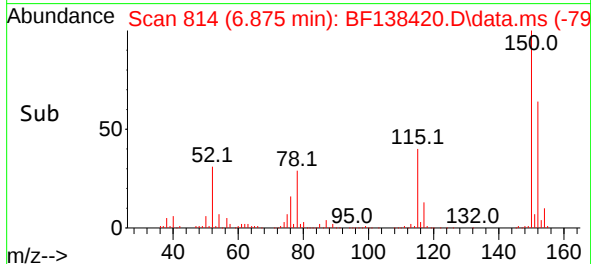
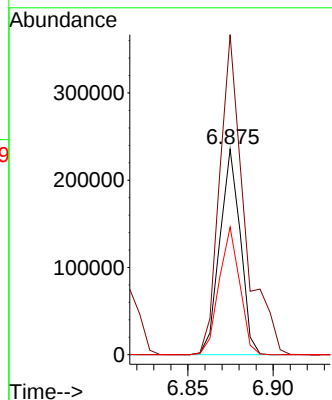
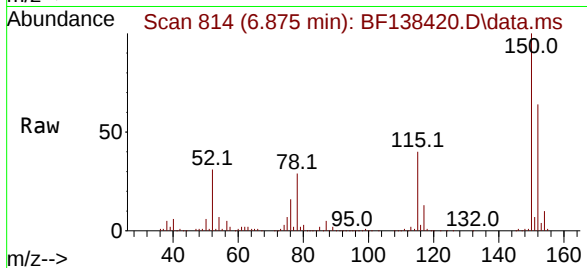
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: BF138420.D
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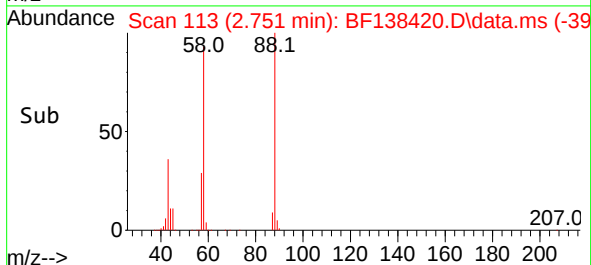
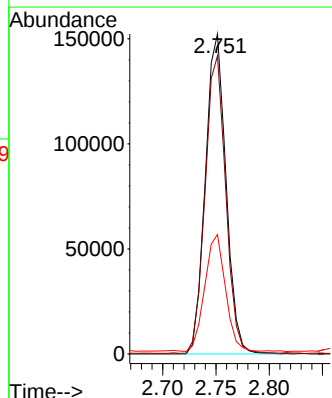
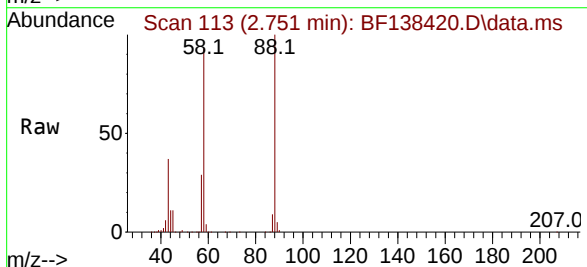
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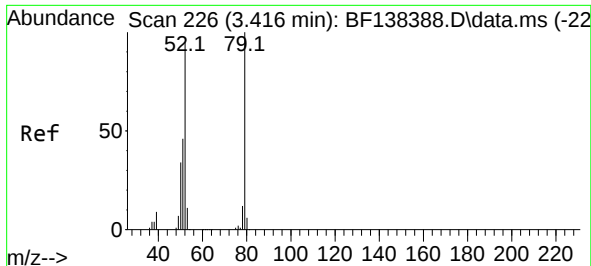
Tgt Ion:152 Resp: 197326
 Ion Ratio Lower Upper
 152 100
 150 155.6 124.9 187.3
 115 62.0 50.8 76.2



#2
 1,4-Dioxane
 Concen: 36.565 ng
 RT: 2.751 min Scan# 113
 Delta R.T. 0.088 min
 Lab File: BF138420.D
 Acq: 02 Jul 2024 10:41

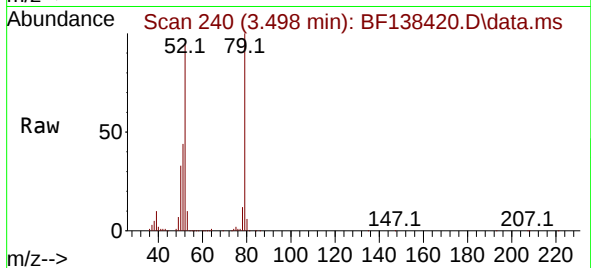
Tgt Ion: 88 Resp: 204986
 Ion Ratio Lower Upper
 88 100
 58 93.0 73.7 110.5
 43 36.3 30.1 45.1



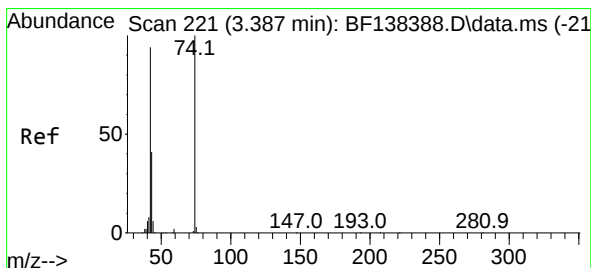
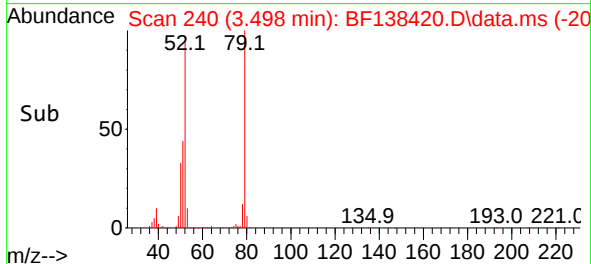
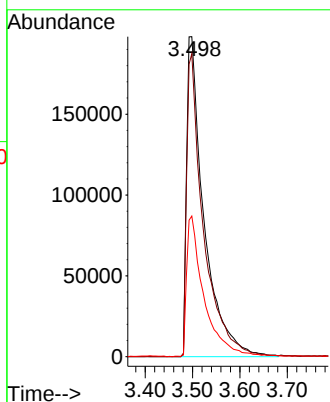


#3
Pyridine
Concen: 37.672 ng
RT: 3.498 min Scan# 24
Delta R.T. 0.082 min
Lab File: BF138420.D
Acq: 02 Jul 2024 10:41

Instrument :
BNA_F
ClientSampleId :
PB161853BS

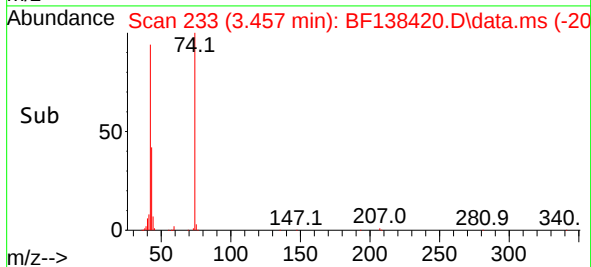
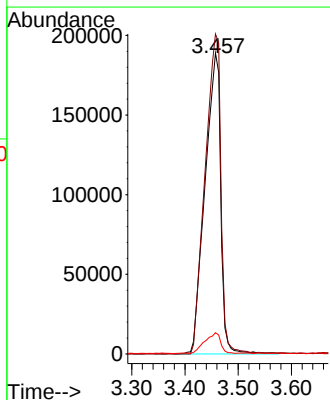
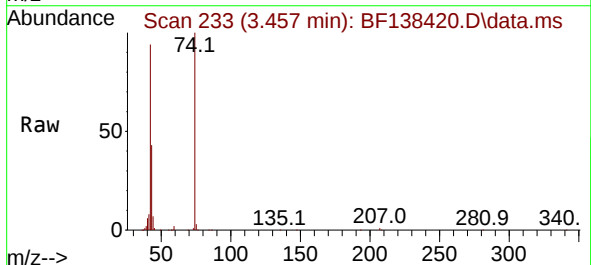


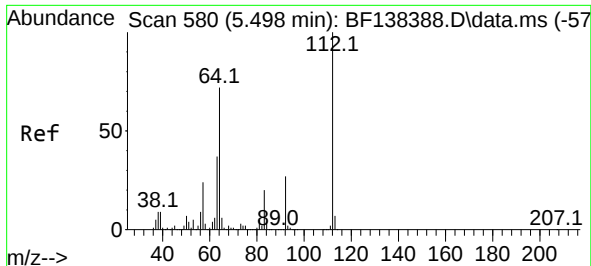
Tgt Ion: 79 Resp: 503829
Ion Ratio Lower Upper
79 100
52 94.7 76.2 114.2
51 44.0 36.7 55.1



#4
n-Nitrosodimethylamine
Concen: 46.325 ng
RT: 3.457 min Scan# 233
Delta R.T. 0.071 min
Lab File: BF138420.D
Acq: 02 Jul 2024 10:41

Tgt Ion: 42 Resp: 386526
Ion Ratio Lower Upper
42 100
74 106.3 85.1 127.7
44 7.1 5.5 8.3

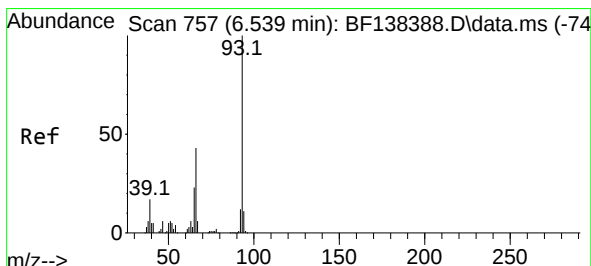
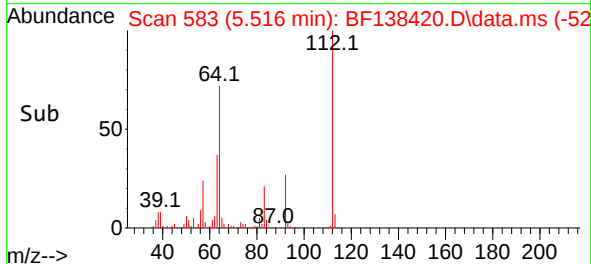
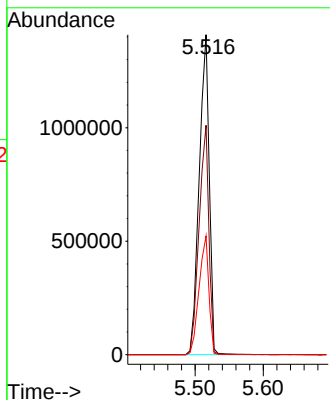
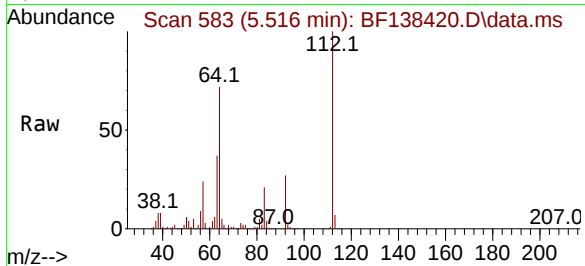




#5
2-Fluorophenol
Concen: 121.679 ng
RT: 5.516 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF138420.D
Acq: 02 Jul 2024 10:41

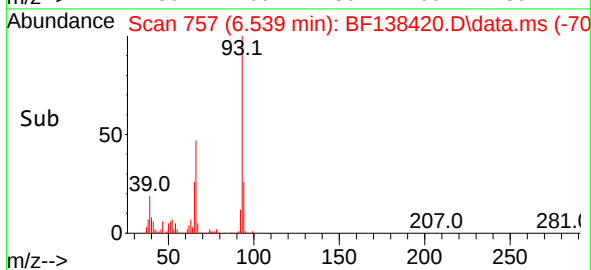
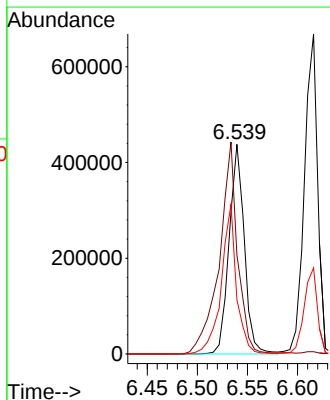
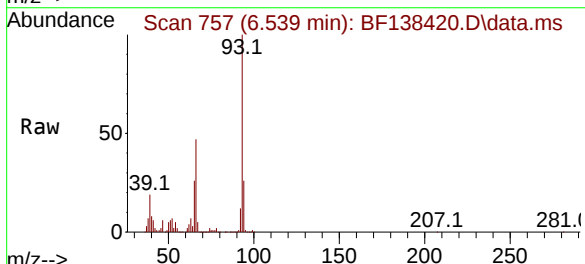
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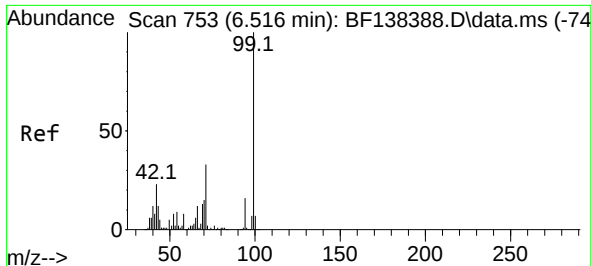
Tgt Ion:112 Resp: 1448199
Ion Ratio Lower Upper
112 100
64 71.7 57.2 85.8
63 37.1 29.4 44.0



#6
Aniline
Concen: 29.515 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.000 min
Lab File: BF138420.D
Acq: 02 Jul 2024 10:41

Tgt Ion: 93 Resp: 461789
Ion Ratio Lower Upper
93 100
66 47.3 34.7 52.1
65 25.8 18.5 27.7

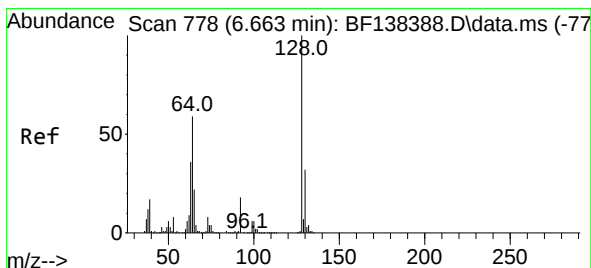
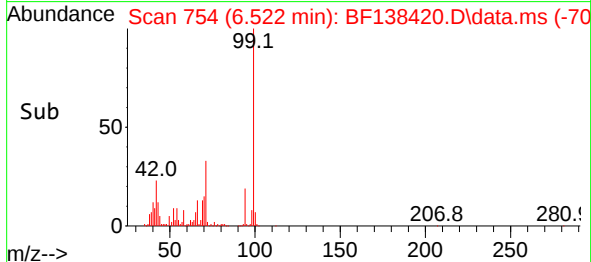
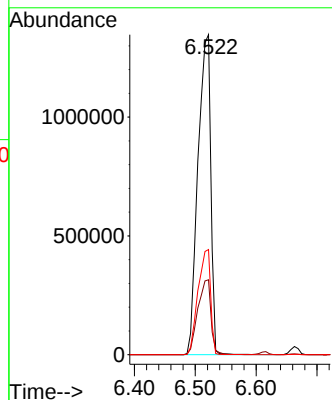
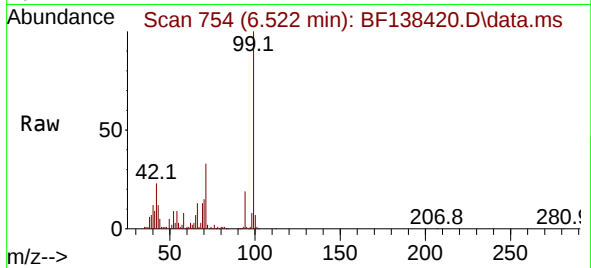




#7
Phenol-d6
Concen: 122.357 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF138420.D
Acq: 02 Jul 2024 10:41

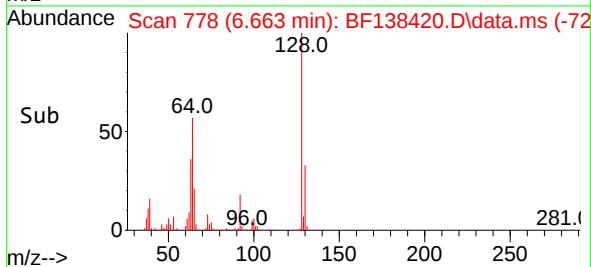
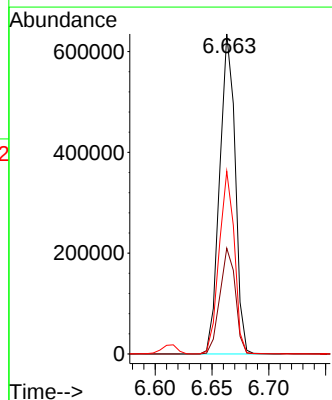
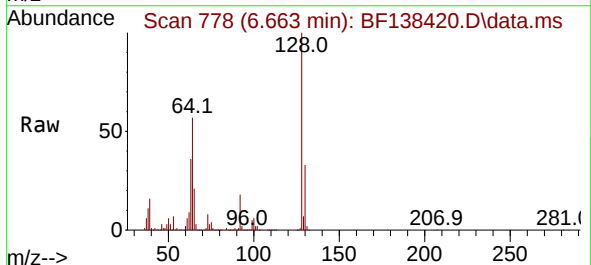
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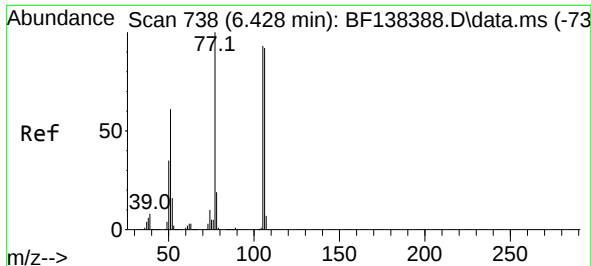
Tgt Ion: 99 Resp: 1961738
Ion Ratio Lower Upper
99 100
42 23.4 18.5 27.7
71 32.9 26.1 39.1



#8
2-Chlorophenol
Concen: 47.395 ng
RT: 6.663 min Scan# 778
Delta R.T. -0.000 min
Lab File: BF138420.D
Acq: 02 Jul 2024 10:41

Tgt Ion:128 Resp: 605566
Ion Ratio Lower Upper
128 100
130 33.1 12.3 52.3
64 57.1 39.6 79.6

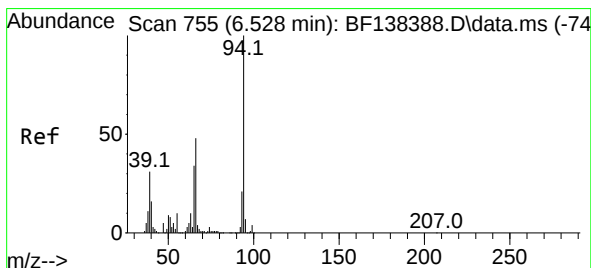
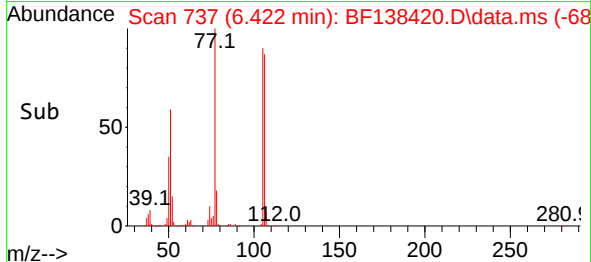
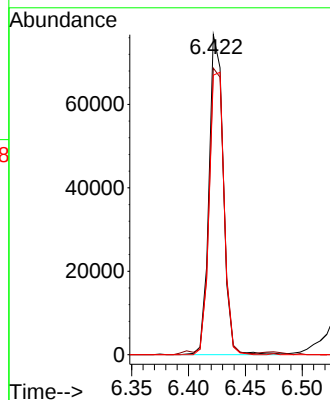
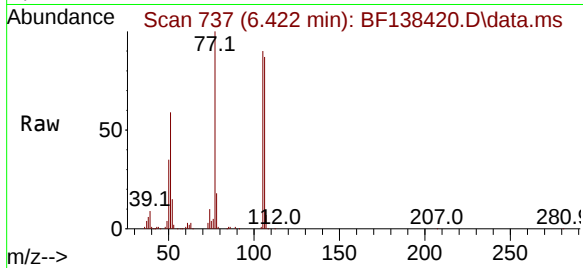




#9
Benzaldehyde
Concen: 6.792 ng
RT: 6.422 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF138420.D
Acq: 02 Jul 2024 10:41

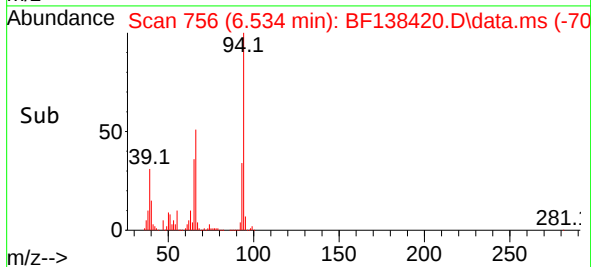
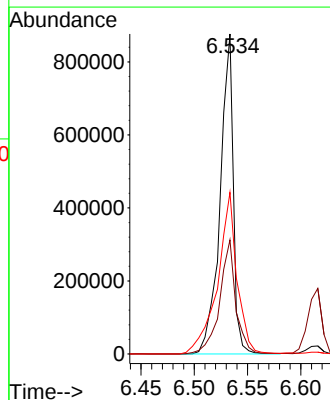
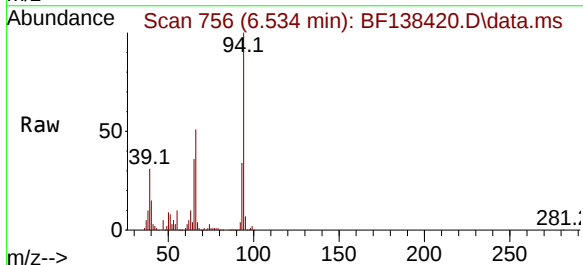
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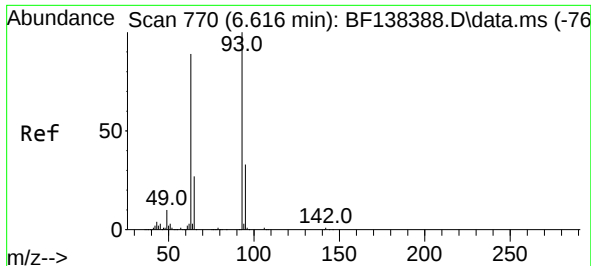
Tgt Ion: 77 Resp: 67209
Ion Ratio Lower Upper
77 100
105 89.6 73.2 113.2
106 87.3 71.5 111.5



#10
Phenol
Concen: 44.128 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.006 min
Lab File: BF138420.D
Acq: 02 Jul 2024 10:41

Tgt Ion: 94 Resp: 753765
Ion Ratio Lower Upper
94 100
65 35.7 14.2 54.2
66 50.5 27.9 67.9

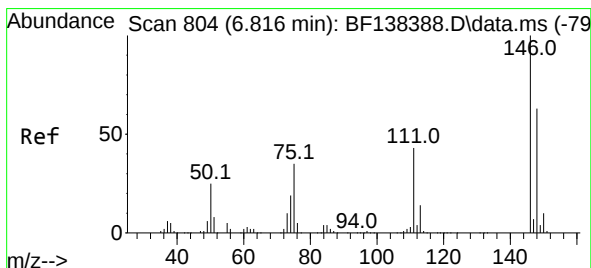
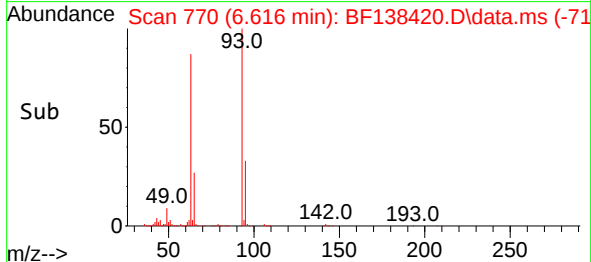
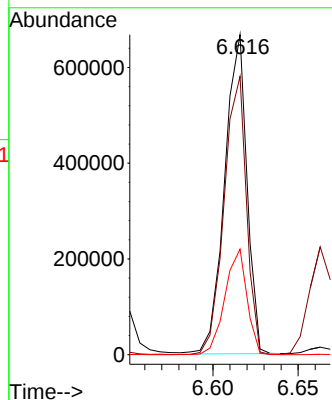
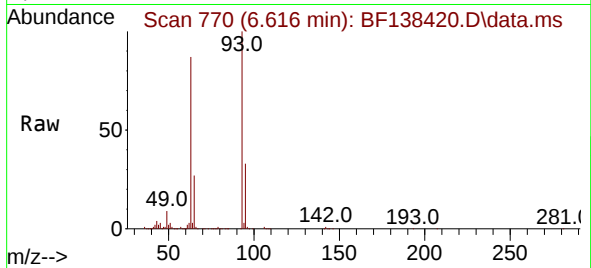




#11
bis(2-Chloroethyl)ether
Concen: 45.196 ng
RT: 6.616 min Scan# 770
Delta R.T. -0.000 min
Lab File: BF138420.D
Acq: 02 Jul 2024 10:41

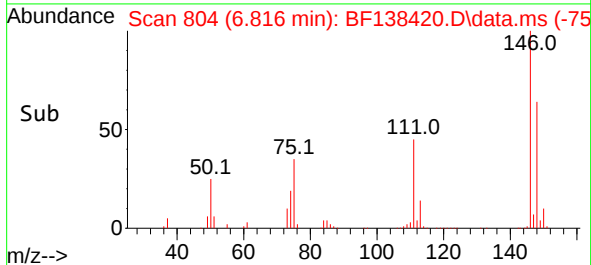
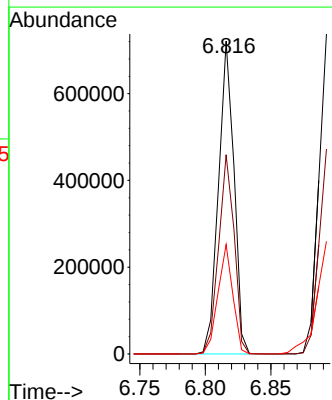
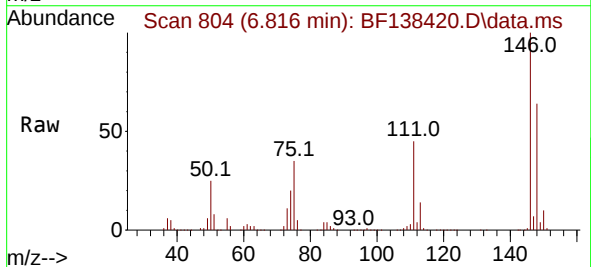
Instrument :
BNA_F
ClientSampleId :
PB161853BS

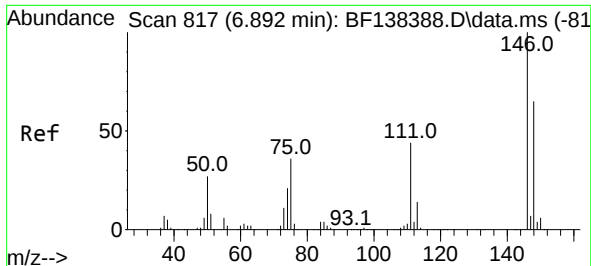
Tgt Ion: 93 Resp: 606329
Ion Ratio Lower Upper
93 100
63 87.0 68.2 108.2
95 33.0 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 40.317 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF138420.D
Acq: 02 Jul 2024 10:41

Tgt Ion:146 Resp: 589909
Ion Ratio Lower Upper
146 100
148 63.7 50.3 75.5
75 35.0 27.8 41.6

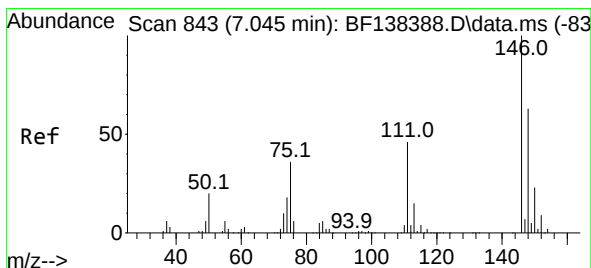
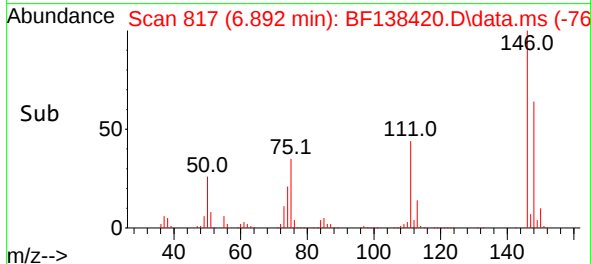
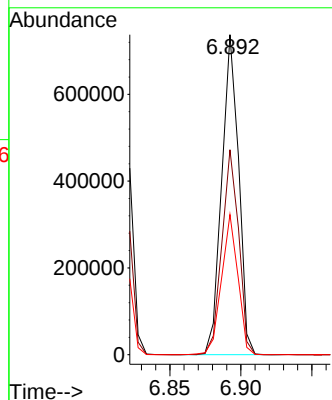
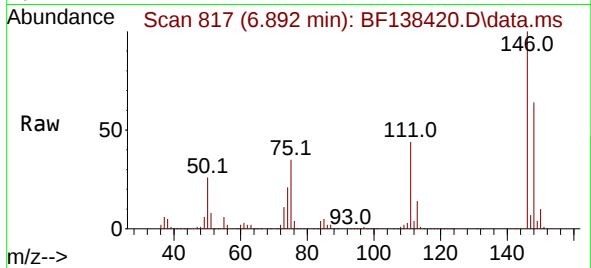




#13
1,4-Dichlorobenzene
Concen: 41.408 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF138420.D
Acq: 02 Jul 2024 10:41

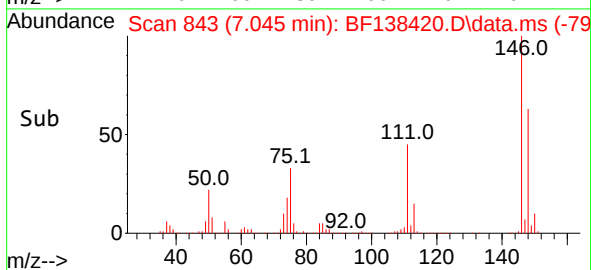
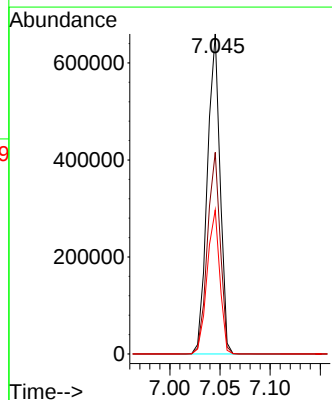
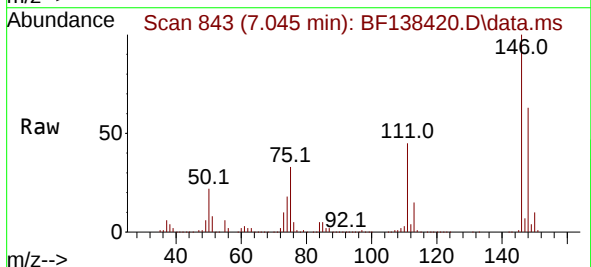
Instrument :
BNA_F
ClientSampleId :
PB161853BS

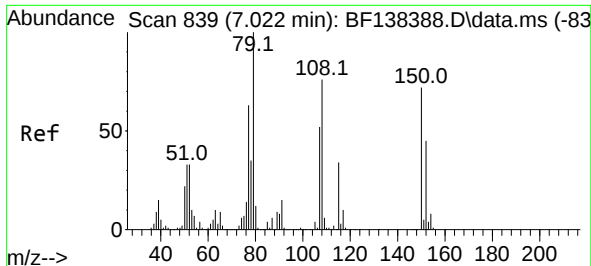
Tgt Ion:146 Resp: 607501
Ion Ratio Lower Upper
146 100
148 64.1 52.0 78.0
111 43.8 35.4 53.0



#14
1,2-Dichlorobenzene
Concen: 43.290 ng
RT: 7.045 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF138420.D
Acq: 02 Jul 2024 10:41

Tgt Ion:146 Resp: 586316
Ion Ratio Lower Upper
146 100
148 63.0 50.3 75.5
111 45.0 37.1 55.7

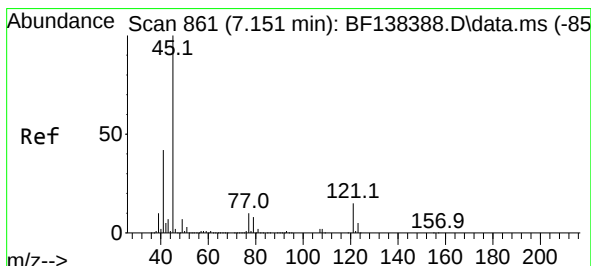
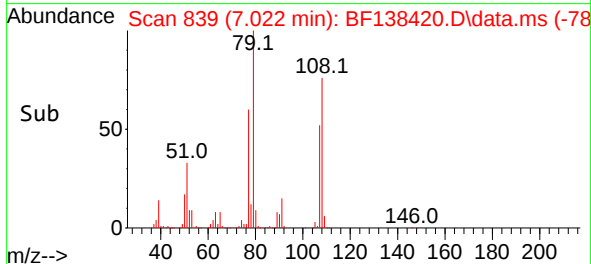
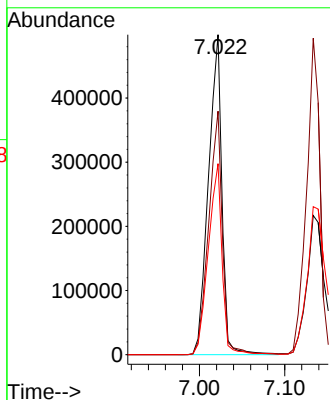
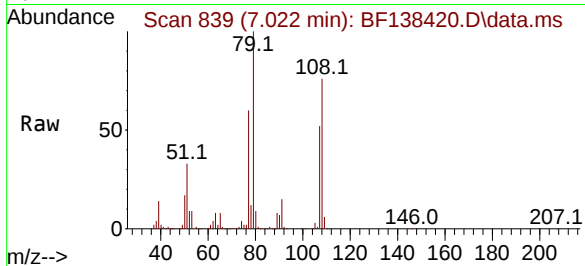




#15
Benzyl Alcohol
Concen: 48.033 ng
RT: 7.022 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF138420.D
Acq: 02 Jul 2024 10:41

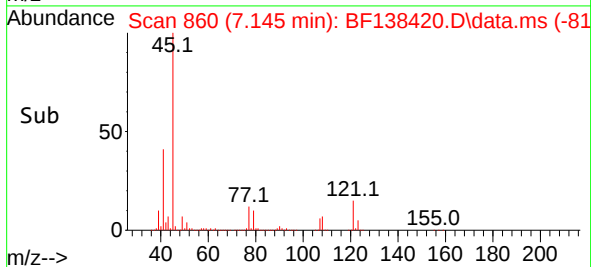
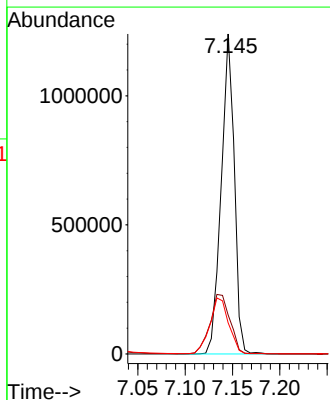
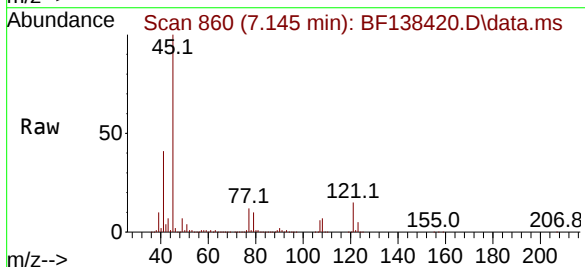
Instrument :
BNA_F
ClientSampleId :
PB161853BS

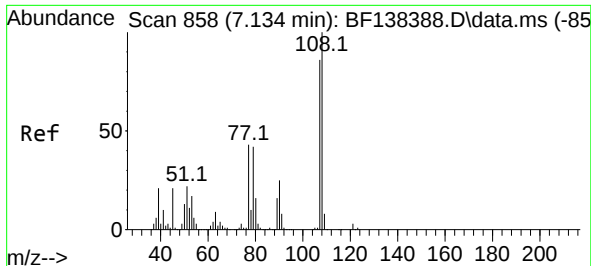
Tgt Ion: 79 Resp: 551591
Ion Ratio Lower Upper
79 100
108 76.1 60.9 91.3
77 59.7 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.200 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF138420.D
Acq: 02 Jul 2024 10:41

Tgt Ion: 45 Resp: 1196057
Ion Ratio Lower Upper
45 100
77 12.2 0.0 30.4
79 9.7 0.0 28.1

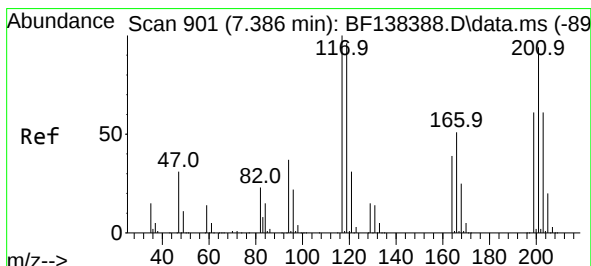
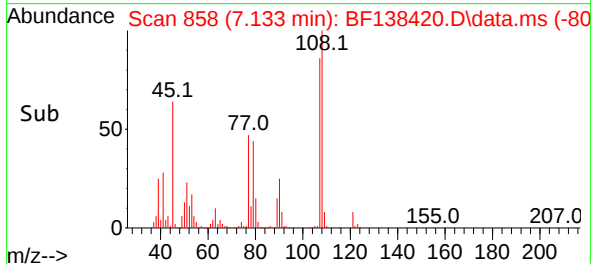
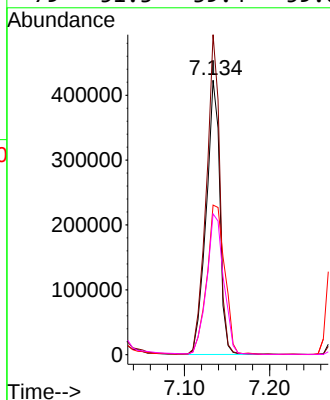
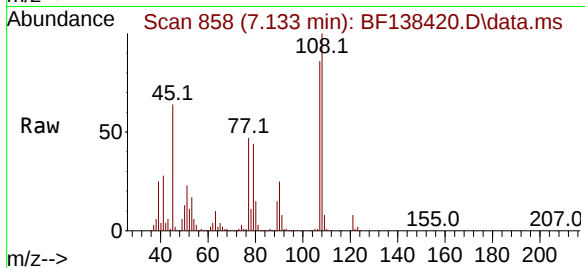




#17
2-Methylphenol
Concen: 44.591 ng
RT: 7.133 min Scan# 858
Delta R.T. -0.000 min
Lab File: BF138420.D
Acq: 02 Jul 2024 10:41

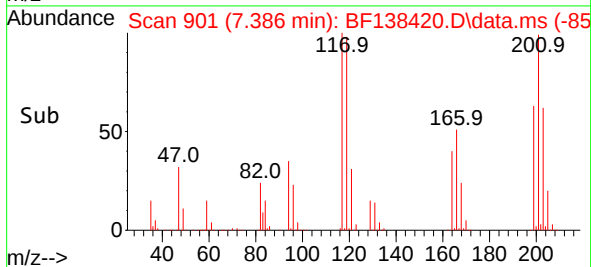
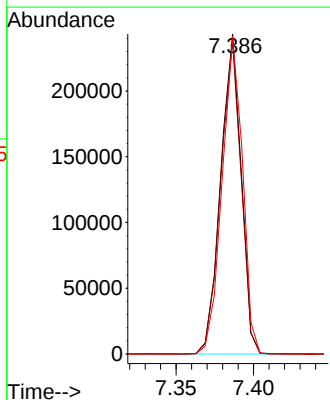
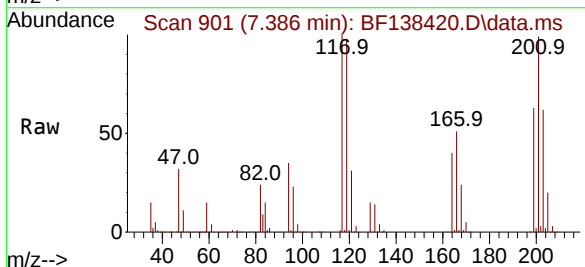
Instrument :
BNA_F
ClientSampleId :
PB161853BS

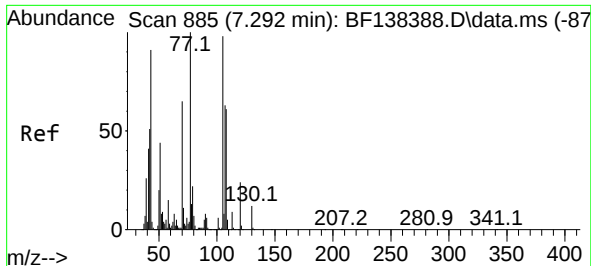
Tgt Ion:	107	Resp:	472182
Ion	Ratio	Lower	Upper
107	100		
108	116.6	92.6	138.8
77	54.5	40.3	60.5
79	51.3	39.4	59.0



#18
Hexachloroethane
Concen: 42.117 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF138420.D
Acq: 02 Jul 2024 10:41

Tgt Ion:	117	Resp:	222875
Ion	Ratio	Lower	Upper
117	100		
119	97.8	77.1	115.7
201	99.2	75.6	113.4

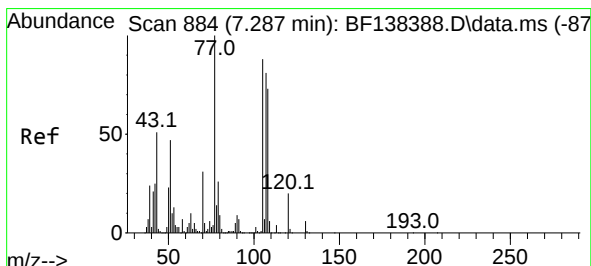
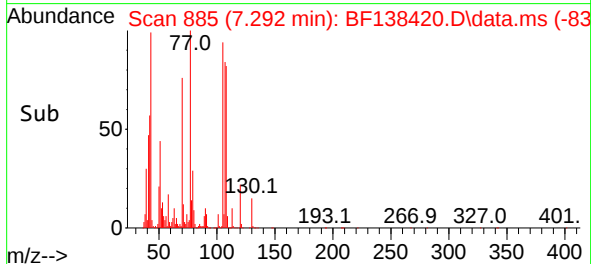
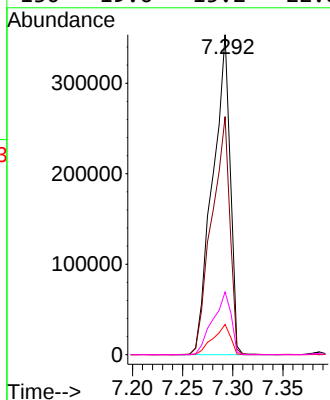
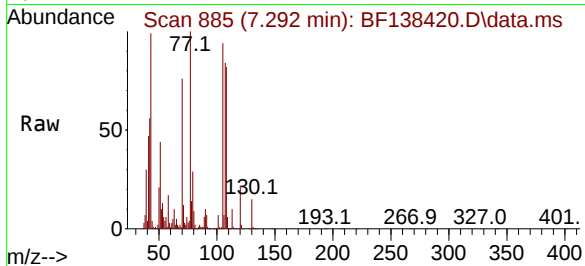




#19
n-Nitroso-di-n-propylamine
Concen: 42.673 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.000 min
Lab File: BF138420.D
Acq: 02 Jul 2024 10:41

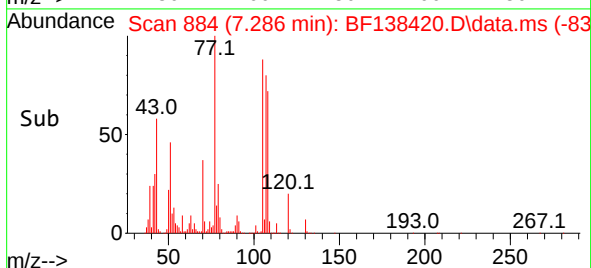
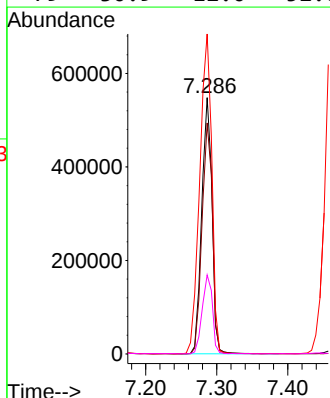
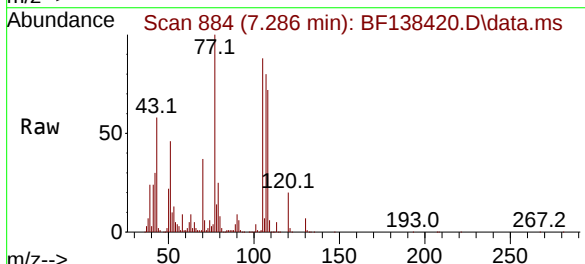
Instrument :
BNA_F
ClientSampleId :
PB161853BS

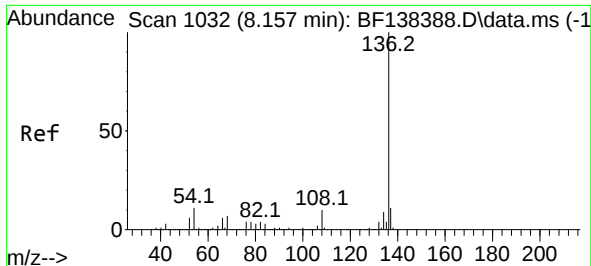
Tgt Ion: 70 Resp: 431309
Ion Ratio Lower Upper
70 100
42 74.4 62.5 93.7
101 9.5 7.0 10.4
130 19.6 15.2 22.8



#20
3+4-Methylphenols
Concen: 44.948 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.001 min
Lab File: BF138420.D
Acq: 02 Jul 2024 10:41

Tgt Ion: 107 Resp: 553027
Ion Ratio Lower Upper
107 100
108 90.1 70.8 110.8
77 124.9 104.0 144.0
79 30.9 12.0 52.0

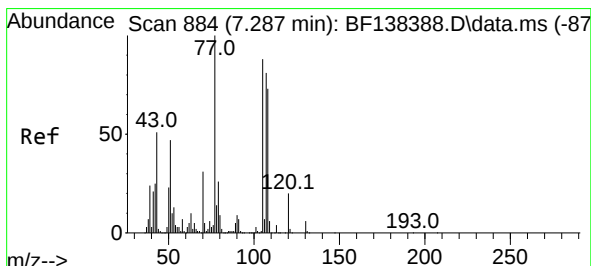
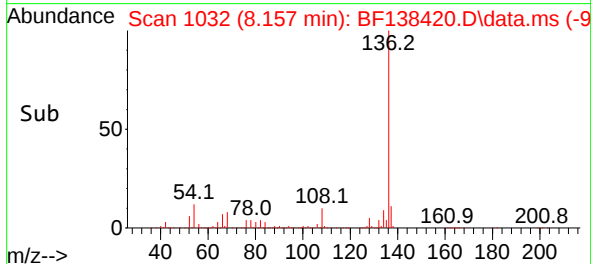
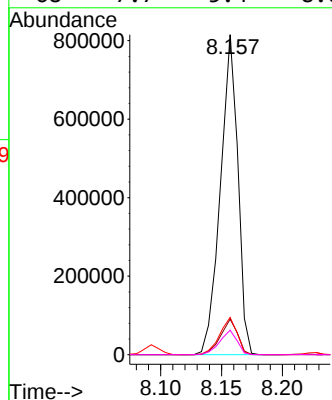
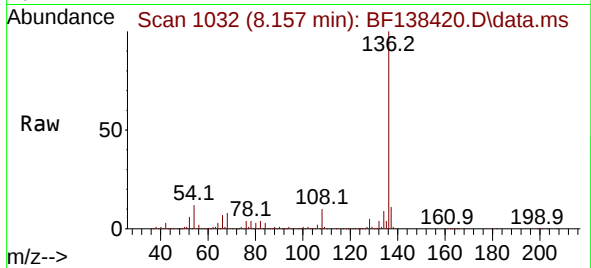




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF138420.D
Acq: 02 Jul 2024 10:41

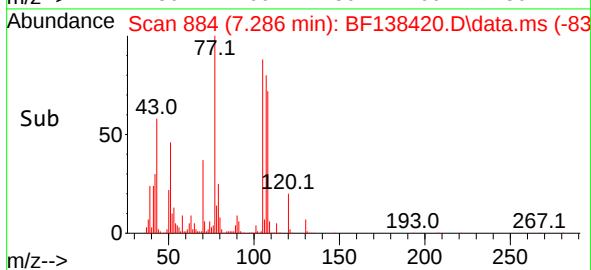
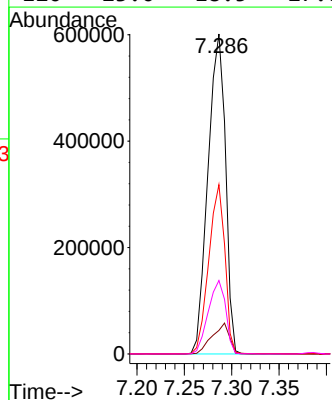
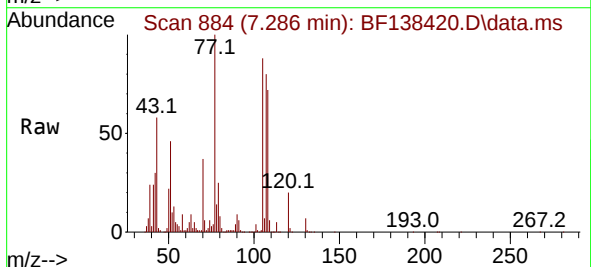
Instrument :
BNA_F
ClientSampleId :
PB161853BS

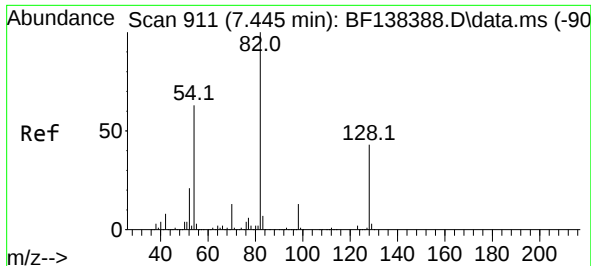
Tgt Ion:	136	Resp:	814531
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	11.7	9.0	13.4
68	7.7	5.4	8.0



#22
Acetophenone
Concen: 41.780 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF138420.D
Acq: 02 Jul 2024 10:41

Tgt Ion:	105	Resp:	772053
Ion	Ratio	Lower	Upper
105	100		
71	7.3	4.7	7.1#
51	52.9	43.2	64.8
120	23.0	18.5	27.7

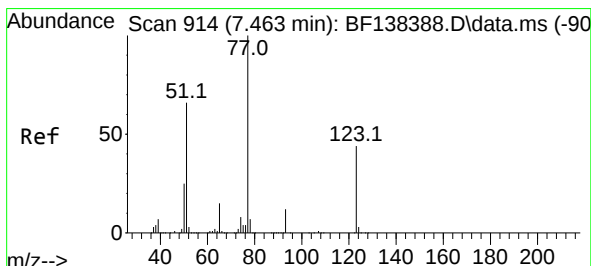
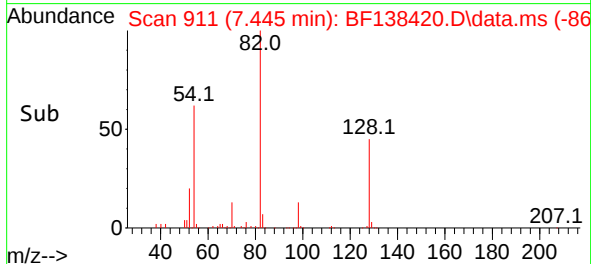
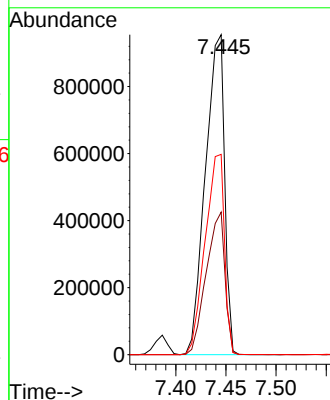
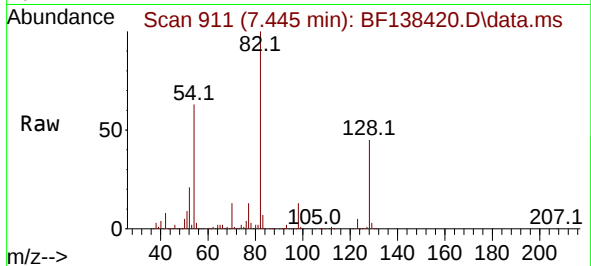




#23
Nitrobenzene-d5
Concen: 81.196 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF138420.D
Acq: 02 Jul 2024 10:41

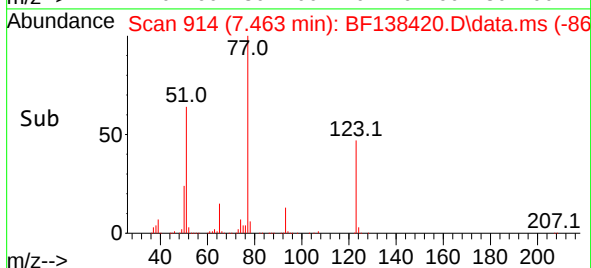
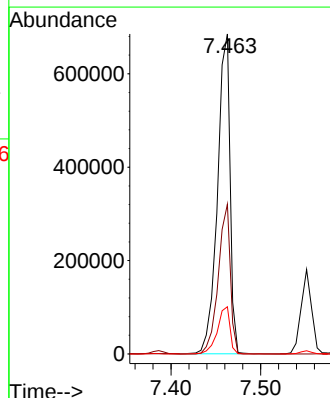
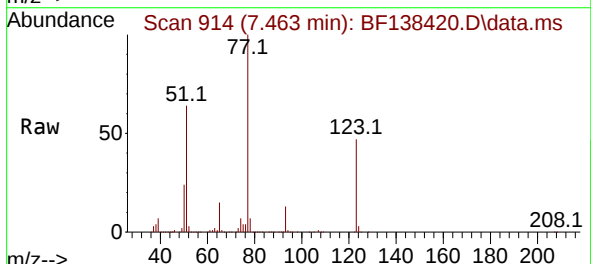
Instrument :
BNA_F
ClientSampleId :
PB161853BS

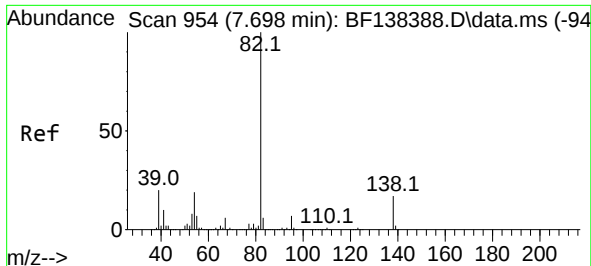
Tgt Ion: 82 Resp: 1273134
Ion Ratio Lower Upper
82 100
128 44.6 34.6 52.0
54 62.6 50.5 75.7



#24
Nitrobenzene
Concen: 41.820 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.000 min
Lab File: BF138420.D
Acq: 02 Jul 2024 10:41

Tgt Ion: 77 Resp: 666944
Ion Ratio Lower Upper
77 100
123 46.8 35.0 52.6
65 14.8 12.1 18.1

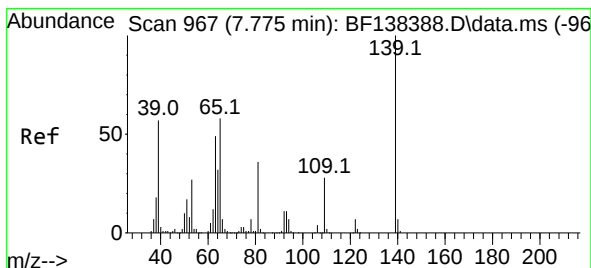
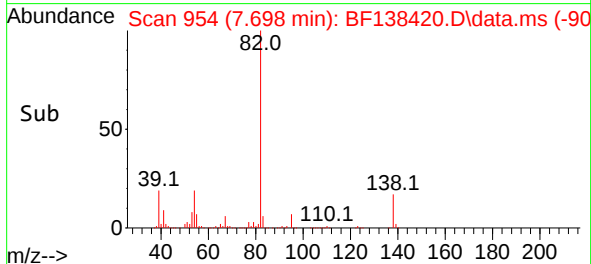
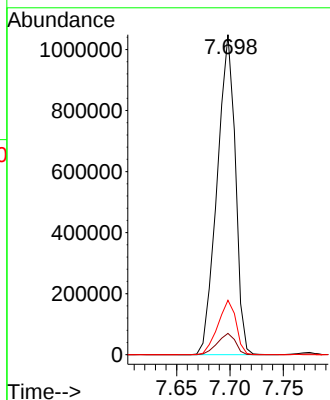
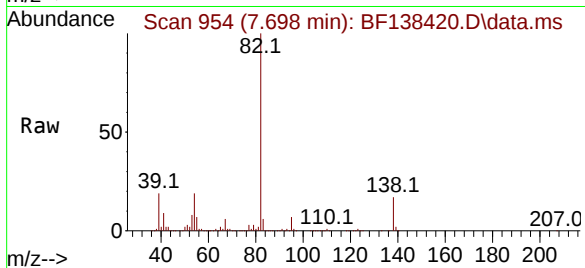




#25
Isophorone
Concen: 43.084 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF138420.D
Acq: 02 Jul 2024 10:41

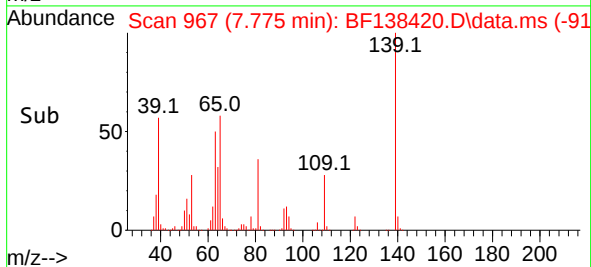
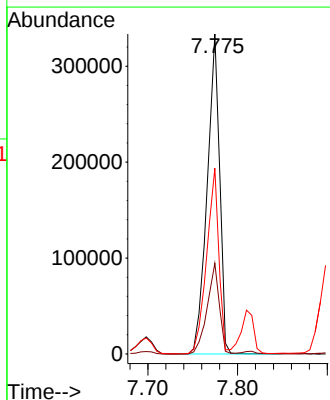
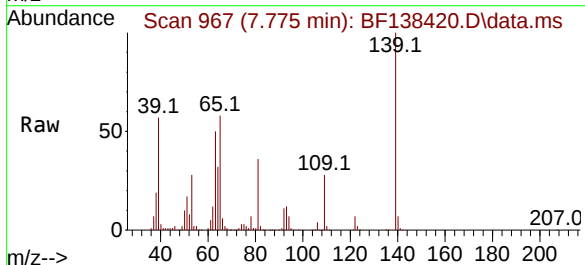
Instrument :
BNA_F
ClientSampleId :
PB161853BS

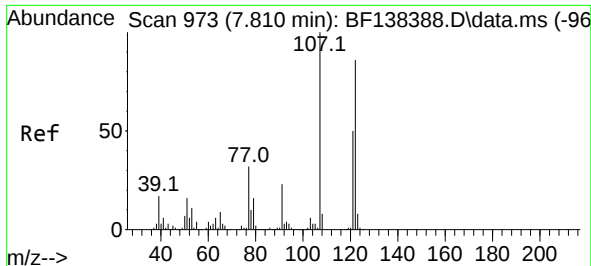
Tgt Ion: 82 Resp: 1245659
Ion Ratio Lower Upper
82 100
95 6.7 5.7 8.5
138 17.0 13.4 20.2



#26
2-Nitrophenol
Concen: 46.849 ng
RT: 7.775 min Scan# 967
Delta R.T. -0.000 min
Lab File: BF138420.D
Acq: 02 Jul 2024 10:41

Tgt Ion:139 Resp: 322268
Ion Ratio Lower Upper
139 100
109 28.4 22.5 33.7
65 58.1 46.2 69.2

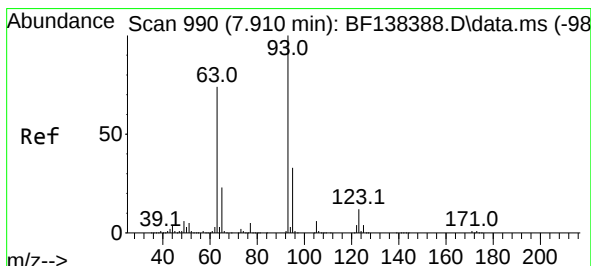
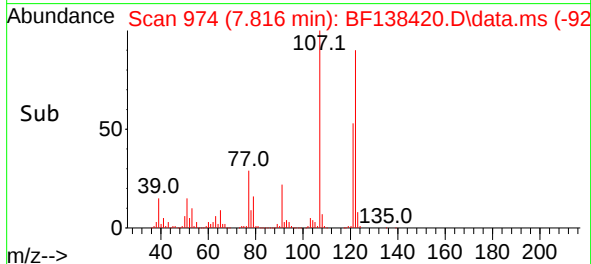
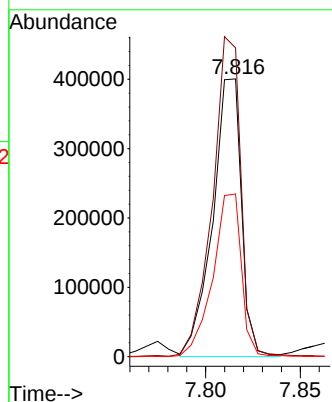
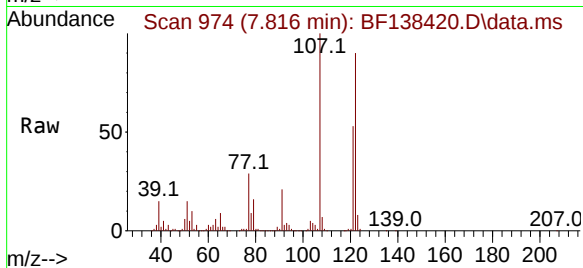




#27
2,4-Dimethylphenol
Concen: 48.112 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF138420.D
Acq: 02 Jul 2024 10:41

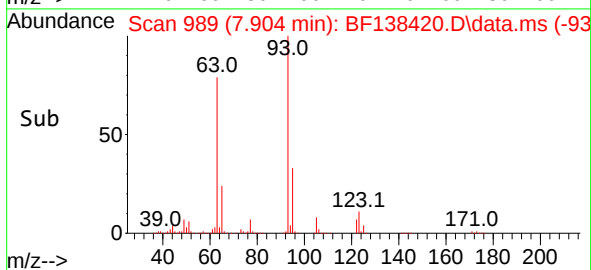
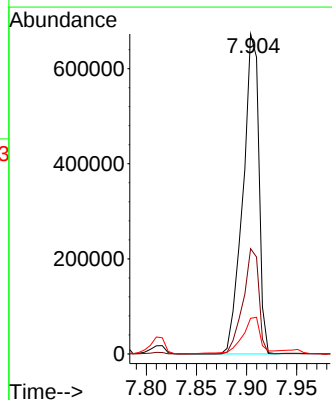
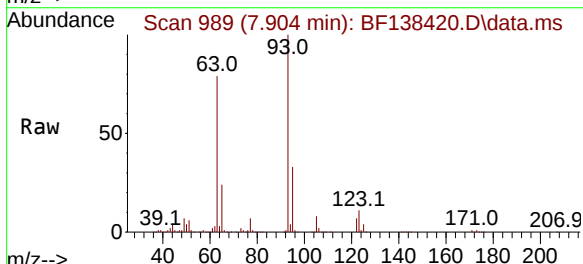
Instrument :
BNA_F
ClientSampleId :
PB161853BS

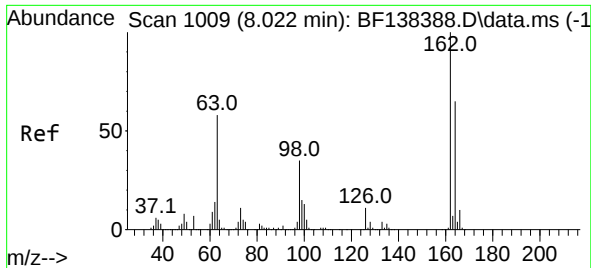
Tgt Ion:122 Resp: 423578
Ion Ratio Lower Upper
122 100
107 111.2 92.5 138.7
121 58.6 46.5 69.7



#28
bis(2-Chloroethoxy)methane
Concen: 42.957 ng
RT: 7.904 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF138420.D
Acq: 02 Jul 2024 10:41

Tgt Ion: 93 Resp: 747572
Ion Ratio Lower Upper
93 100
95 32.9 26.6 40.0
123 11.2 9.6 14.4

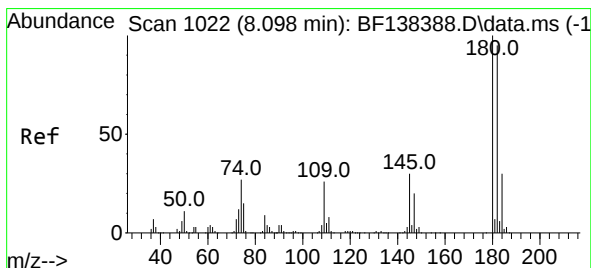
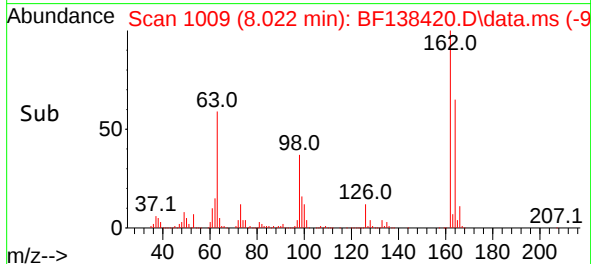
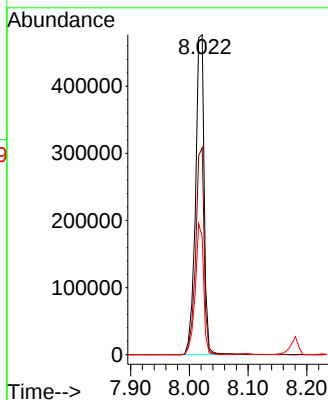
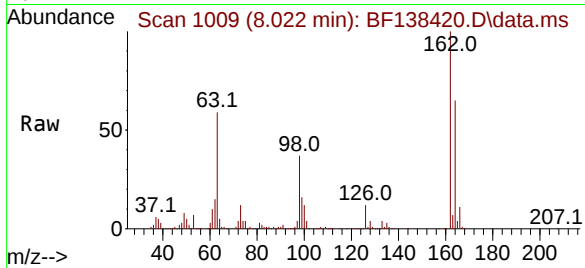




#29
2,4-Dichlorophenol
Concen: 43.003 ng
RT: 8.022 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BF138420.D
Acq: 02 Jul 2024 10:41

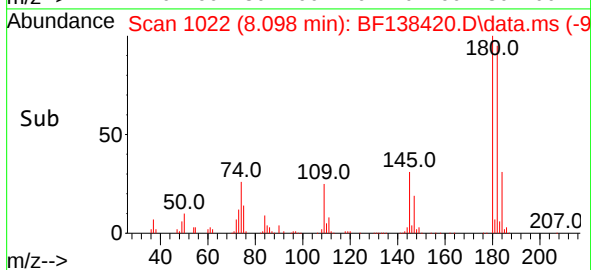
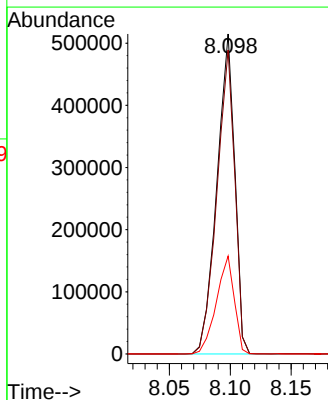
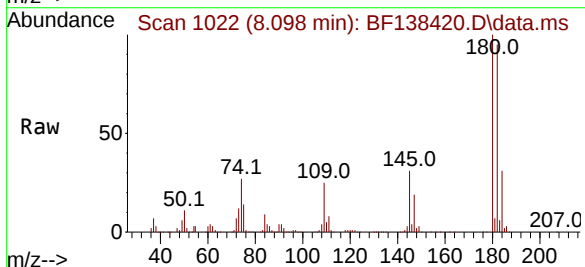
Instrument :
BNA_F
ClientSampleId :
PB161853BS

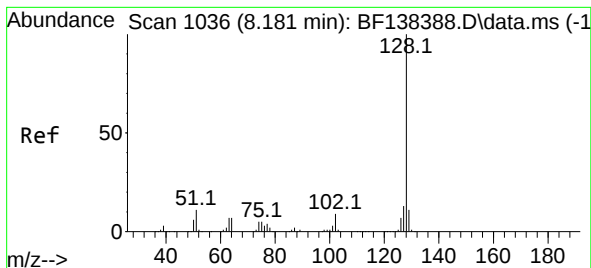
Tgt Ion:162 Resp: 486263
Ion Ratio Lower Upper
162 100
164 64.6 45.4 85.4
98 36.8 15.2 55.2



#30
1,2,4-Trichlorobenzene
Concen: 40.007 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF138420.D
Acq: 02 Jul 2024 10:41

Tgt Ion:180 Resp: 525991
Ion Ratio Lower Upper
180 100
182 95.0 76.0 114.0
145 30.6 24.2 36.2





#31

Naphthalene

Concen: 41.018 ng

RT: 8.181 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF138420.D

Acq: 02 Jul 2024 10:41

Instrument :

BNA_F

ClientSampleId :

PB161853BS

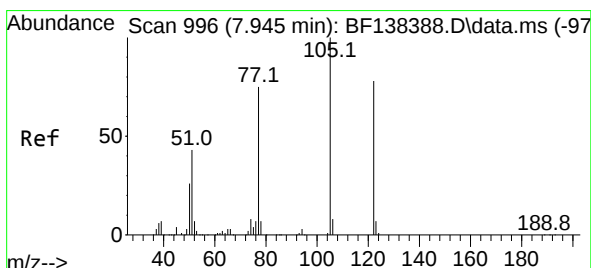
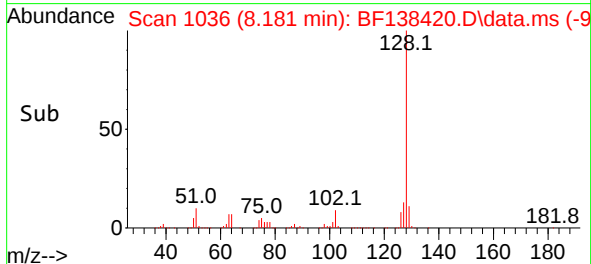
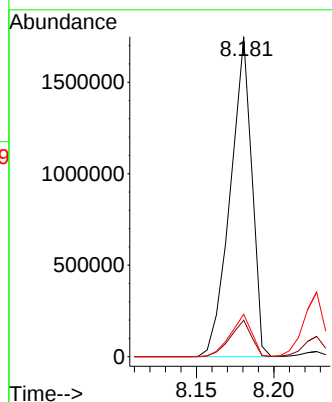
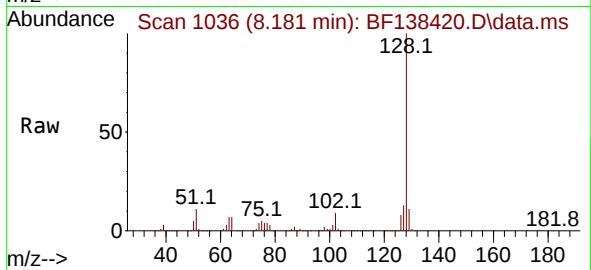
Tgt Ion:128 Resp: 1688999

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.6

127 13.3 10.6 16.0



#32

Benzoic acid

Concen: 44.819 ng

RT: 7.951 min Scan# 997

Delta R.T. 0.006 min

Lab File: BF138420.D

Acq: 02 Jul 2024 10:41

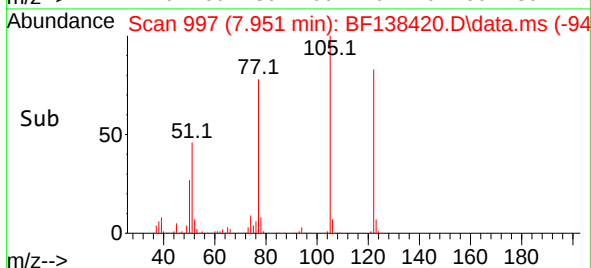
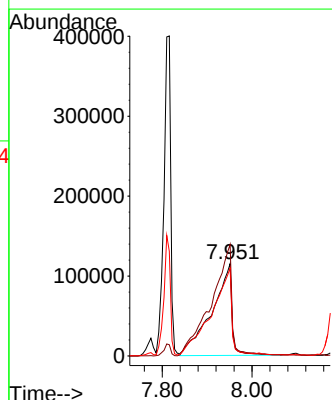
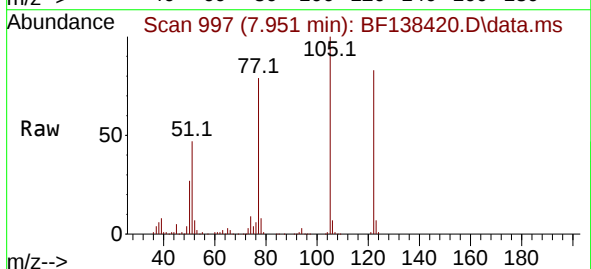
Tgt Ion:122 Resp: 358271

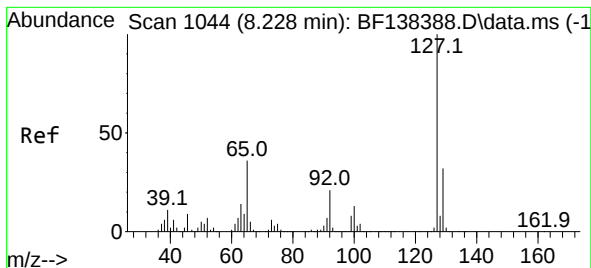
Ion Ratio Lower Upper

122 100

105 120.7 103.8 143.8

77 95.2 74.3 114.3





#33

4-Chloroaniline

Concen: 25.569 ng

RT: 8.228 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF138420.D

Acq: 02 Jul 2024 10:41

Instrument :

BNA_F

ClientSampleId :

PB161853BS

Tgt Ion:127 Resp: 367708

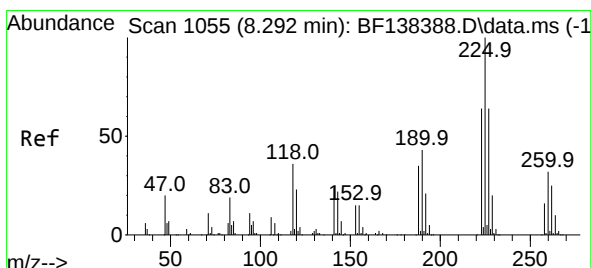
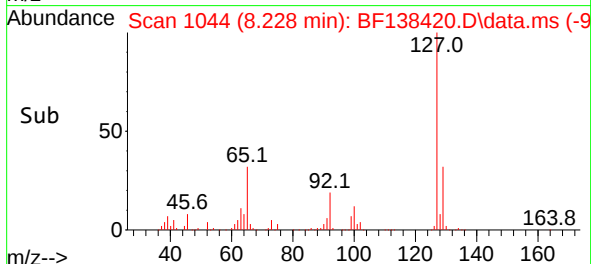
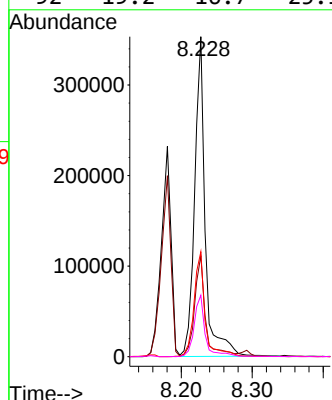
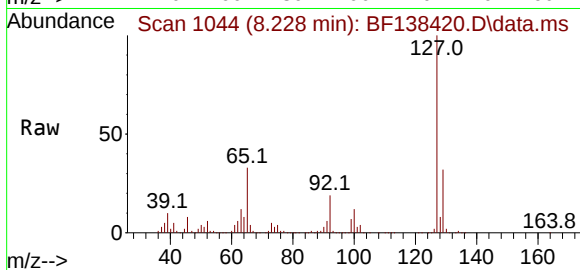
Ion Ratio Lower Upper

127 100

129 31.5 25.4 38.2

65 32.8 28.7 43.1

92 19.2 16.7 25.1



#34

Hexachlorobutadiene

Concen: 37.552 ng

RT: 8.292 min Scan# 1055

Delta R.T. -0.000 min

Lab File: BF138420.D

Acq: 02 Jul 2024 10:41

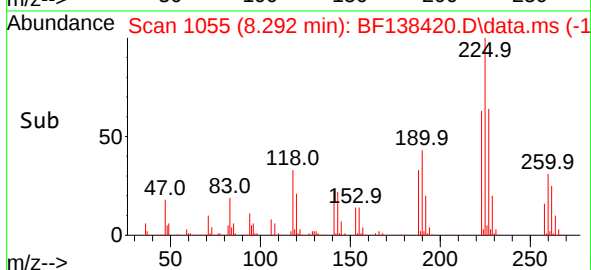
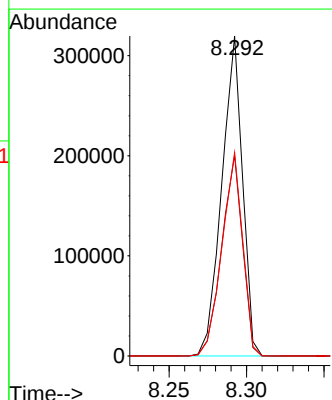
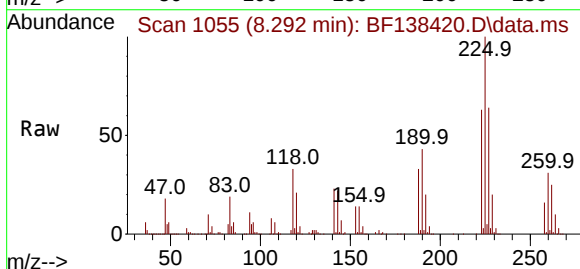
Tgt Ion:225 Resp: 296422

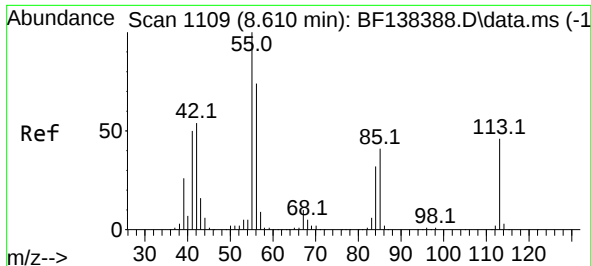
Ion Ratio Lower Upper

225 100

223 62.7 51.0 76.6

227 63.6 51.2 76.8

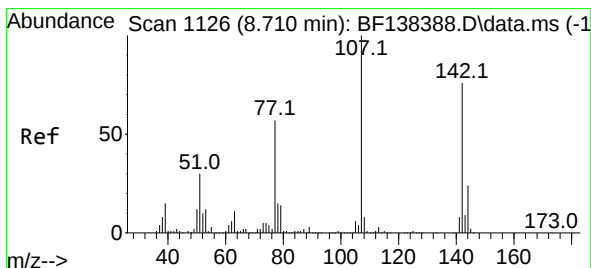
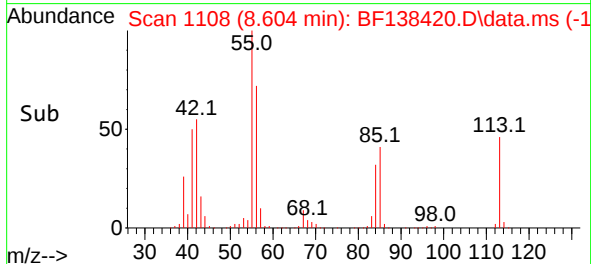
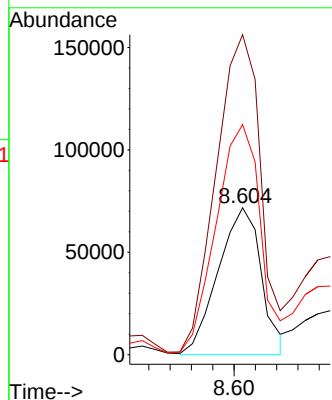
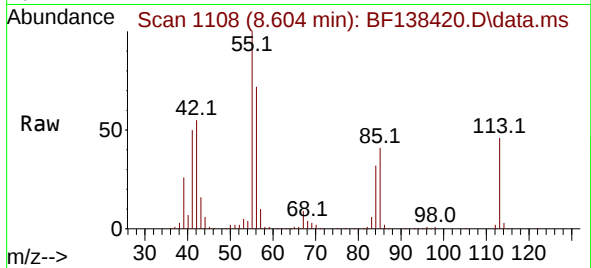




#35
 Caprolactam
 Concen: 28.313 ng
 RT: 8.604 min Scan# 1109
 Delta R.T. -0.006 min
 Lab File: BF138420.D
 Acq: 02 Jul 2024 10:41

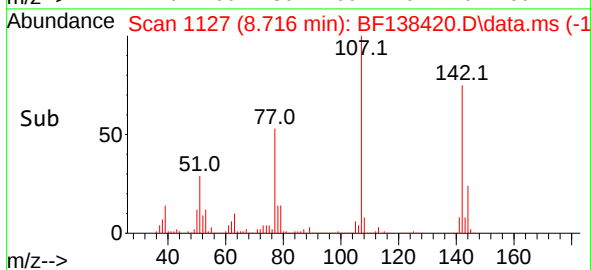
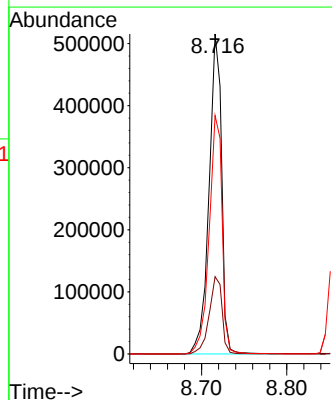
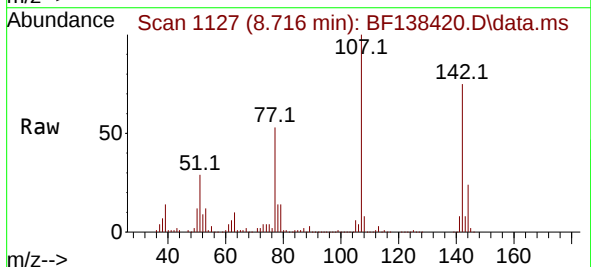
Instrument :
 BNA_F
 ClientSampleId :
 PB161853BS

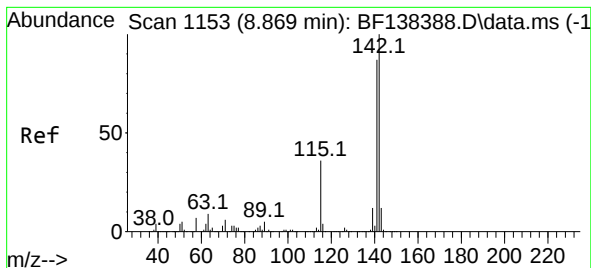
Tgt Ion:113 Resp: 101096
 Ion Ratio Lower Upper
 113 100
 55 217.8 195.9 235.9
 56 156.6 138.7 178.7



#36
 4-Chloro-3-methylphenol
 Concen: 43.831 ng
 RT: 8.716 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: BF138420.D
 Acq: 02 Jul 2024 10:41

Tgt Ion:107 Resp: 527923
 Ion Ratio Lower Upper
 107 100
 144 24.1 19.2 28.8
 142 74.5 61.0 91.6





#37

2-Methylnaphthalene

Concen: 41.064 ng

RT: 8.869 min Scan# 1153

Delta R.T. -0.000 min

Lab File: BF138420.D

Acq: 02 Jul 2024 10:41

Instrument :

BNA_F

ClientSampleId :

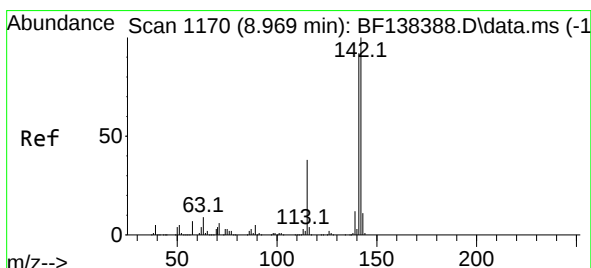
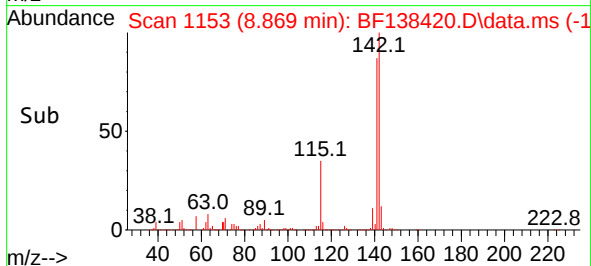
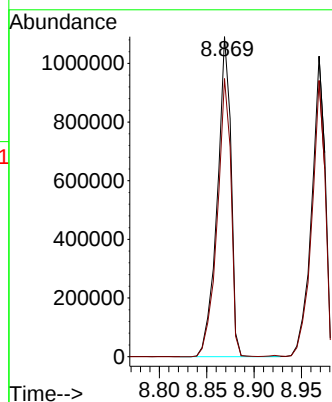
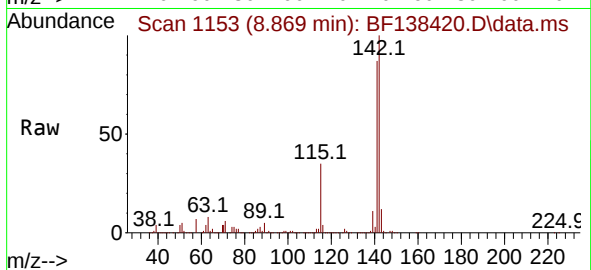
PB161853BS

Tgt Ion:142 Resp: 1092807

Ion Ratio Lower Upper

142 100

141 86.9 69.6 104.4



#38

1-Methylnaphthalene

Concen: 39.194 ng

RT: 8.969 min Scan# 1170

Delta R.T. -0.000 min

Lab File: BF138420.D

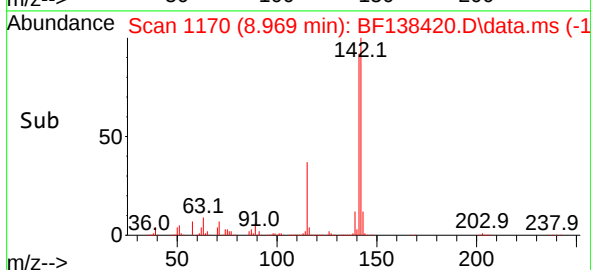
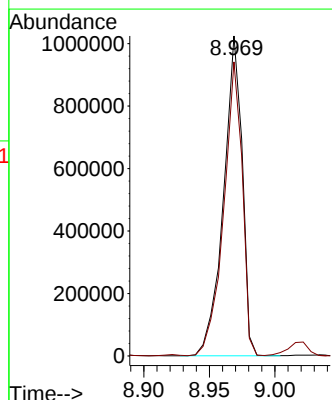
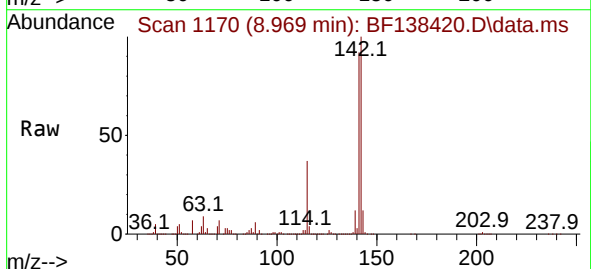
Acq: 02 Jul 2024 10:41

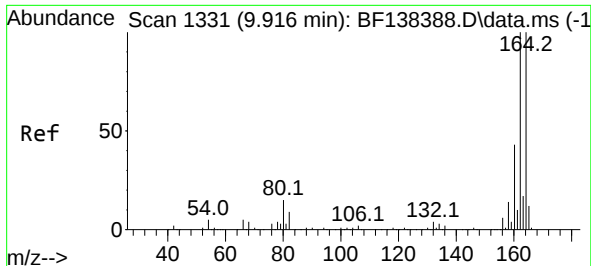
Tgt Ion:142 Resp: 1011556

Ion Ratio Lower Upper

142 100

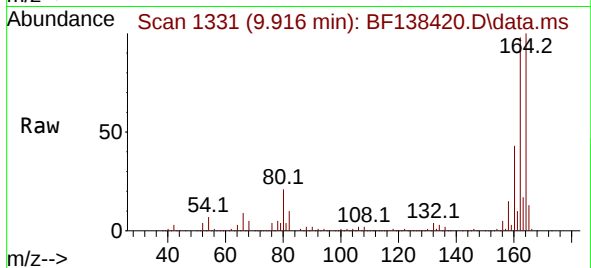
141 91.9 73.7 110.5



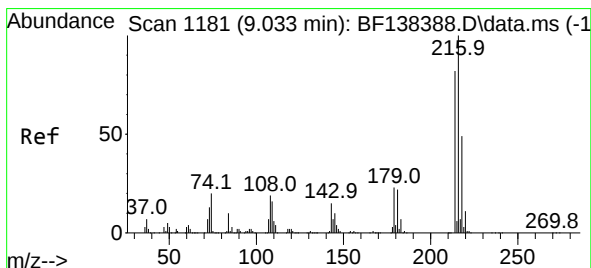
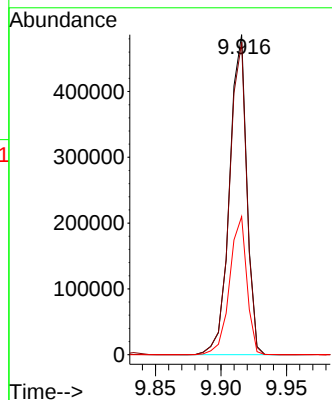
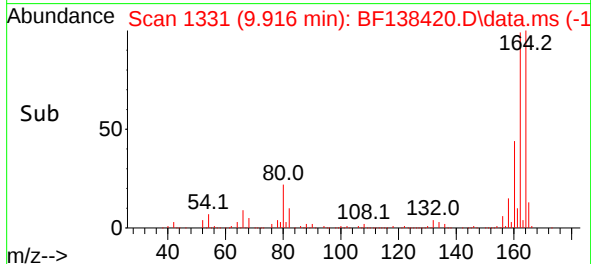


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1181
Delta R.T. -0.000 min
Lab File: BF138420.D
Acq: 02 Jul 2024 10:41

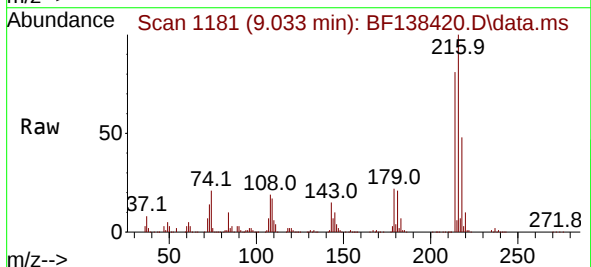
Instrument :
BNA_F
ClientSampleId :
PB161853BS



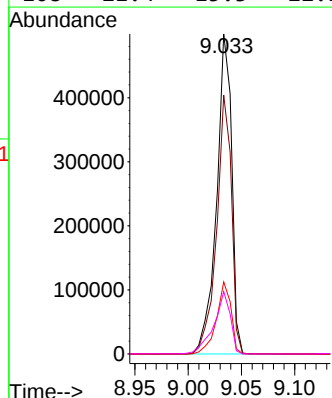
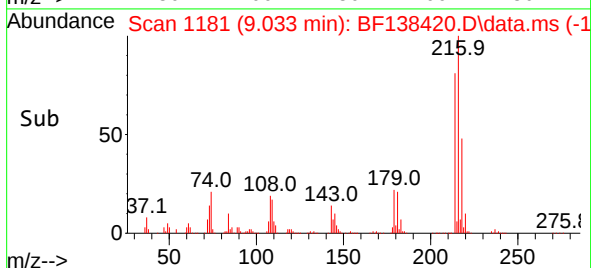
Tgt Ion:164 Resp: 444346
Ion Ratio Lower Upper
164 100
162 97.6 80.1 120.1
160 43.2 34.1 51.1

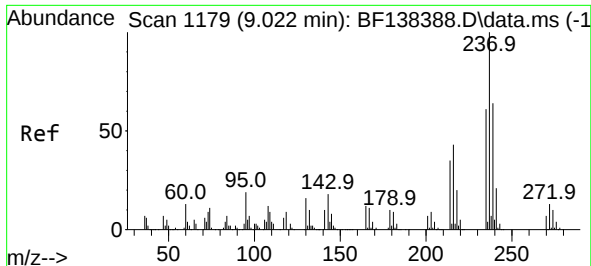


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.847 ng
RT: 9.033 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF138420.D
Acq: 02 Jul 2024 10:41



Tgt Ion:216 Resp: 489752
Ion Ratio Lower Upper
216 100
214 79.5 64.2 96.4
179 21.7 17.4 26.0
108 21.4 15.3 22.9

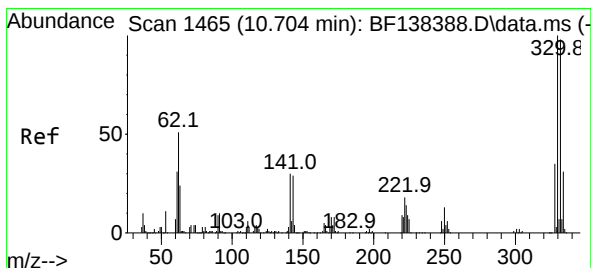
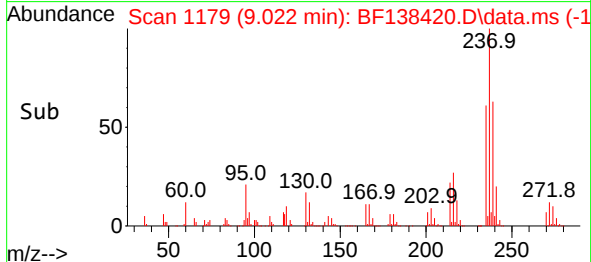
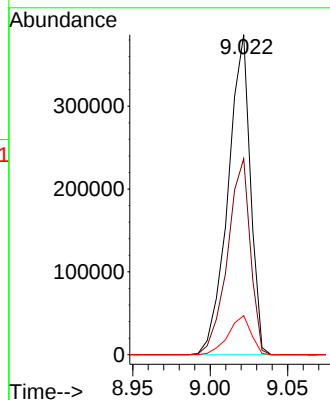
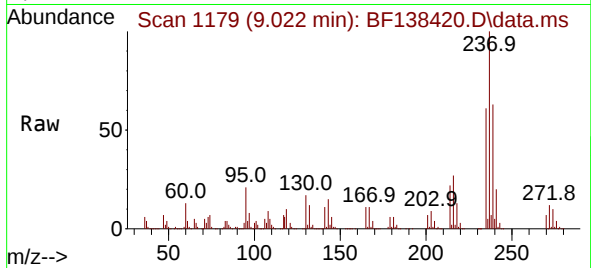




#41
Hexachlorocyclopentadiene
Concen: 107.048 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF138420.D
Acq: 02 Jul 2024 10:41

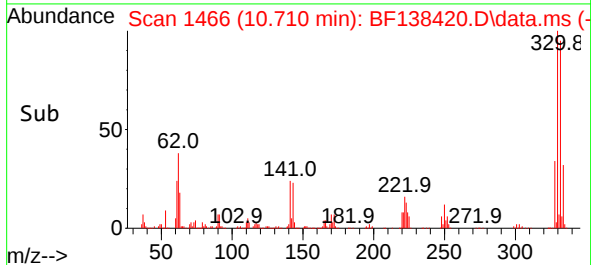
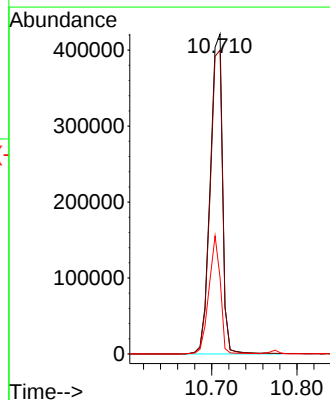
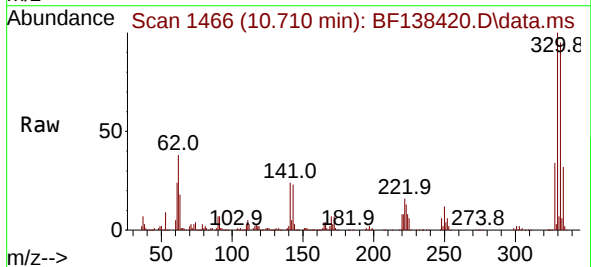
Instrument :
BNA_F
ClientSampleId :
PB161853BS

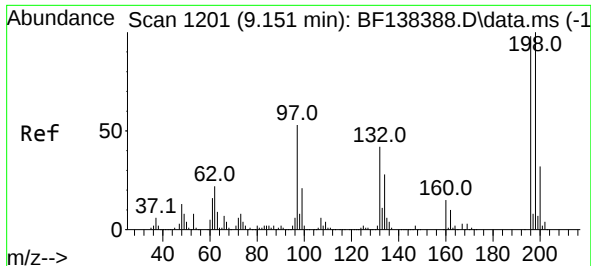
Tgt Ion:237 Resp: 387276
Ion Ratio Lower Upper
237 100
235 61.3 41.4 81.4
272 12.2 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 116.501 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.006 min
Lab File: BF138420.D
Acq: 02 Jul 2024 10:41

Tgt Ion:330 Resp: 422942
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.6
141 34.4 28.1 42.1

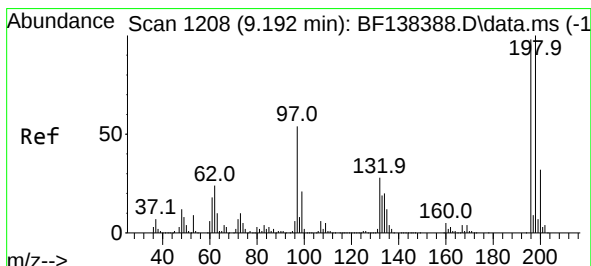
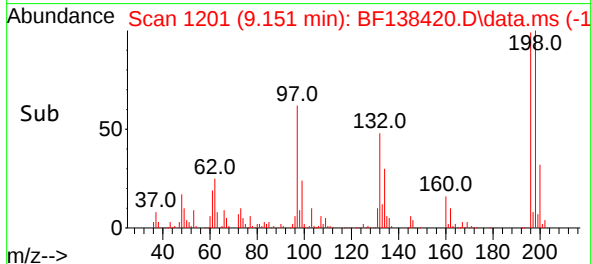
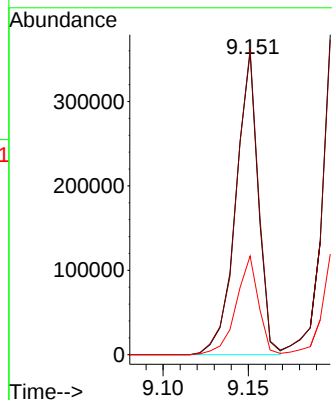
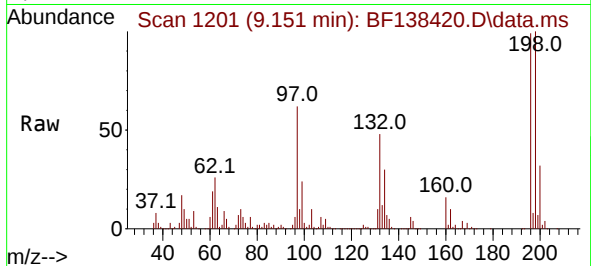




#43
2,4,6-Trichlorophenol
Concen: 41.884 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138420.D
Acq: 02 Jul 2024 10:41

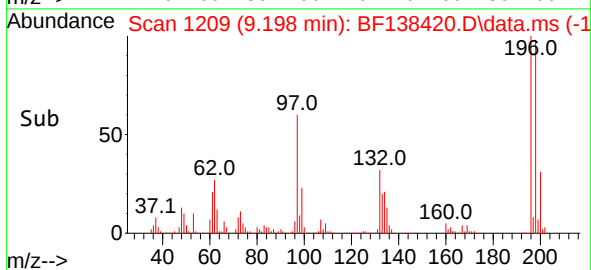
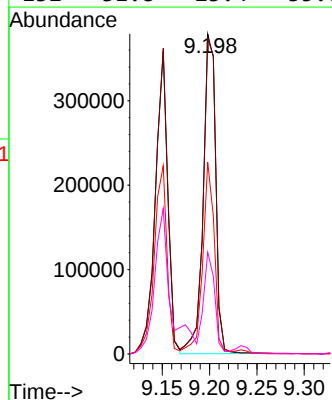
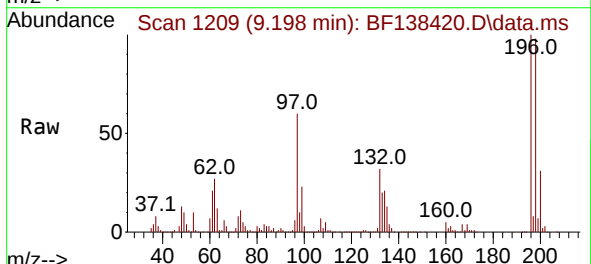
Instrument :
BNA_F
ClientSampleId :
PB161853BS

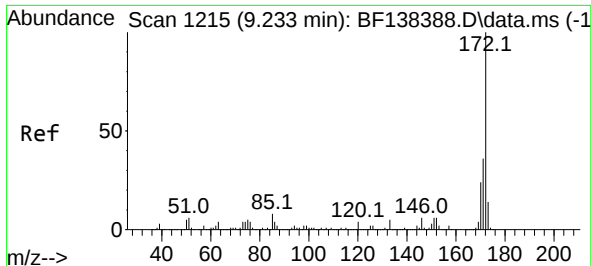
Tgt Ion:196 Resp: 327559
Ion Ratio Lower Upper
196 100
198 101.1 81.8 122.8
200 32.7 26.2 39.4



#44
2,4,5-Trichlorophenol
Concen: 41.088 ng
RT: 9.198 min Scan# 1209
Delta R.T. 0.006 min
Lab File: BF138420.D
Acq: 02 Jul 2024 10:41

Tgt Ion:196 Resp: 349474
Ion Ratio Lower Upper
196 100
198 98.5 81.8 122.6
97 59.9 44.2 66.4
132 31.8 23.4 35.0

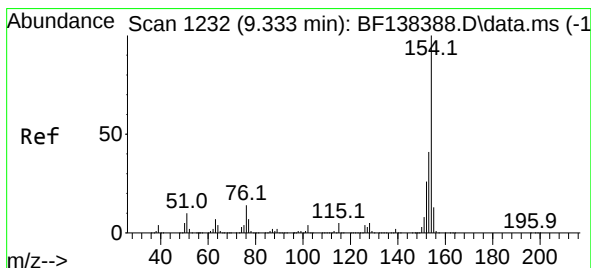
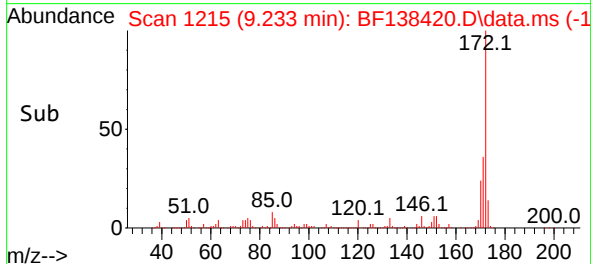
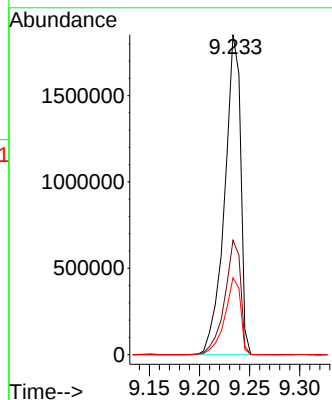
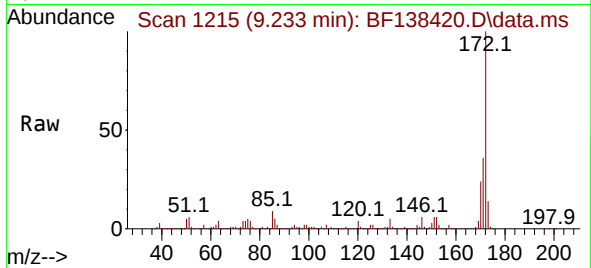




#45
2-Fluorobiphenyl
Concen: 73.354 ng
RT: 9.233 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF138420.D
Acq: 02 Jul 2024 10:41

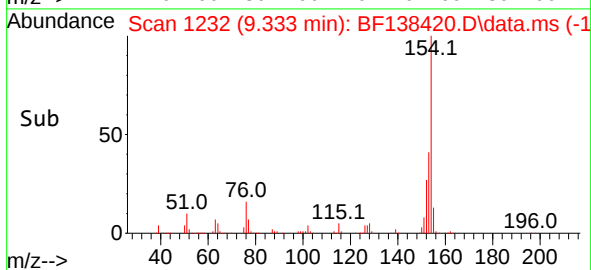
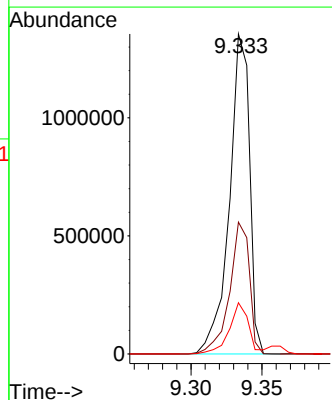
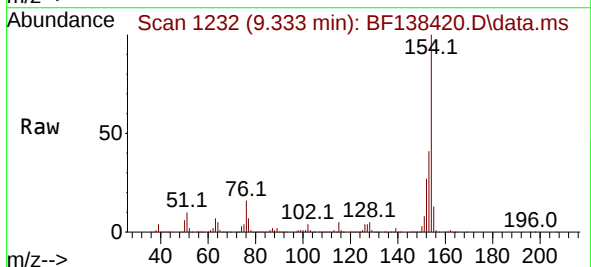
Instrument :
BNA_F
ClientSampleId :
PB161853BS

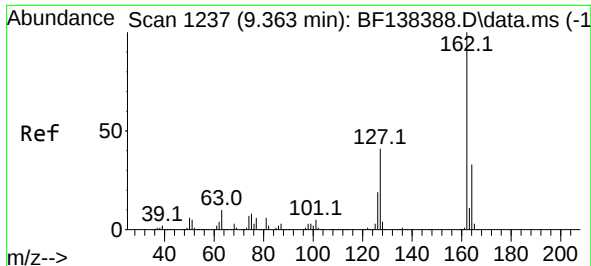
Tgt Ion:172 Resp: 2048101
Ion Ratio Lower Upper
172 100
171 35.7 29.0 43.4
170 24.0 19.0 28.6



#46
1,1'-Biphenyl
Concen: 40.358 ng
RT: 9.333 min Scan# 1232
Delta R.T. -0.000 min
Lab File: BF138420.D
Acq: 02 Jul 2024 10:41

Tgt Ion:154 Resp: 1338992
Ion Ratio Lower Upper
154 100
153 41.2 20.5 60.5
76 16.0 0.0 34.4

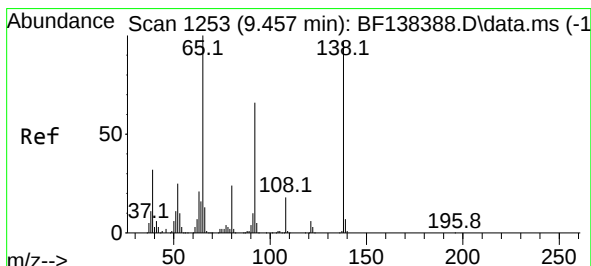
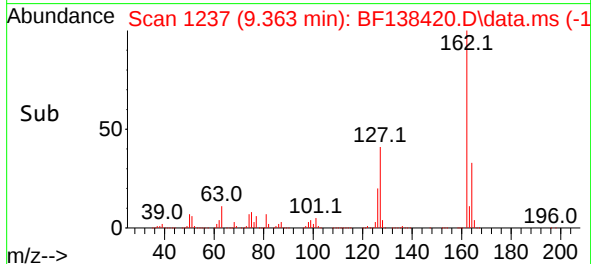
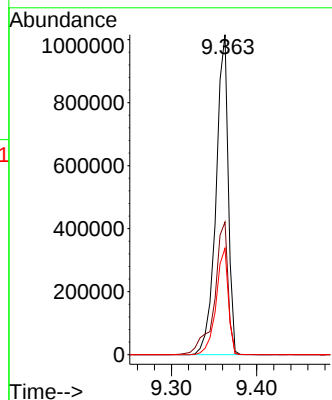
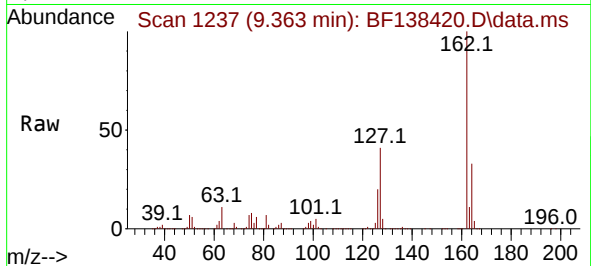




#47
2-Chloronaphthalene
Concen: 39.941 ng
RT: 9.363 min Scan# 1237
Delta R.T. -0.000 min
Lab File: BF138420.D
Acq: 02 Jul 2024 10:41

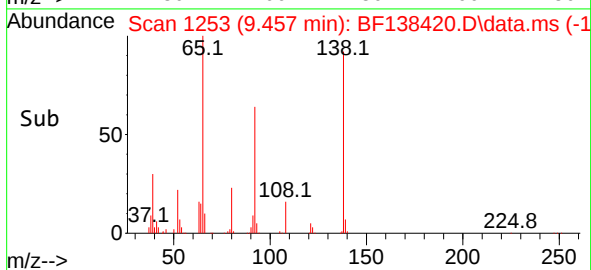
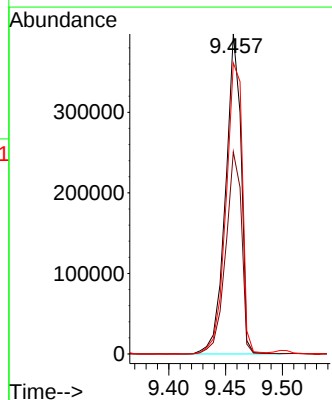
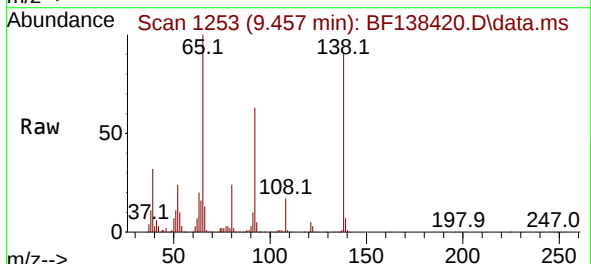
Instrument :
BNA_F
ClientSampleId :
PB161853BS

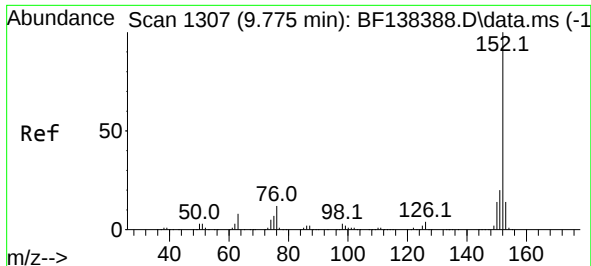
Tgt Ion:162 Resp: 1010370
Ion Ratio Lower Upper
162 100
127 41.5 32.7 49.1
164 33.2 26.6 40.0



#48
2-Nitroaniline
Concen: 46.232 ng
RT: 9.457 min Scan# 1253
Delta R.T. -0.000 min
Lab File: BF138420.D
Acq: 02 Jul 2024 10:41

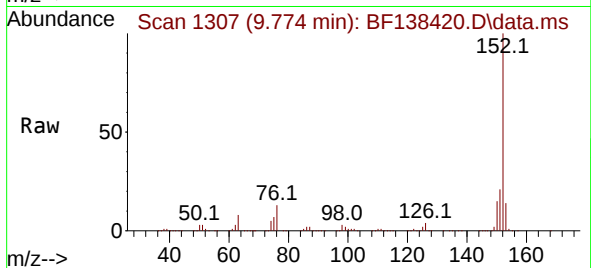
Tgt Ion: 65 Resp: 377245
Ion Ratio Lower Upper
65 100
92 63.2 52.6 79.0
138 90.9 77.4 116.0



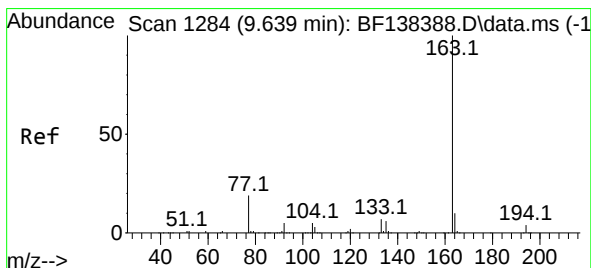
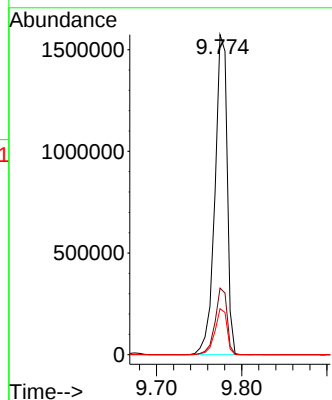
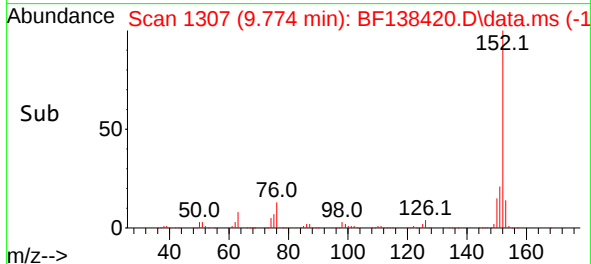


#49
Acenaphthylene
Concen: 44.173 ng
RT: 9.774 min Scan# 11
Delta R.T. -0.001 min
Lab File: BF138420.D
Acq: 02 Jul 2024 10:41

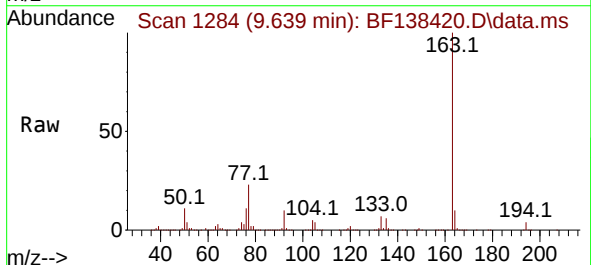
Instrument :
BNA_F
ClientSampleId :
PB161853BS



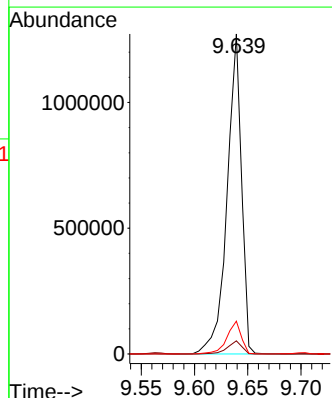
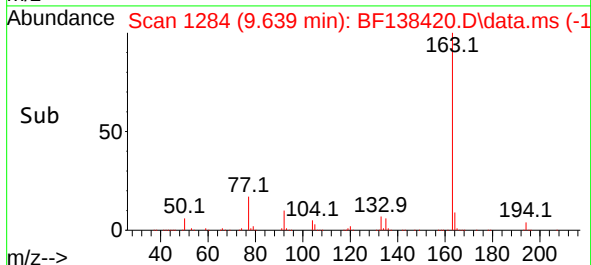
Tgt Ion:152 Resp: 1571505
Ion Ratio Lower Upper
152 100
151 20.8 16.2 24.4
153 14.4 11.4 17.2

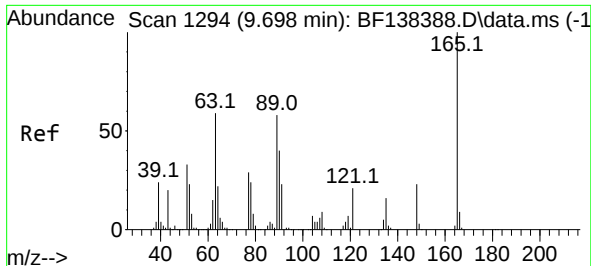


#50
Dimethylphthalate
Concen: 41.726 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BF138420.D
Acq: 02 Jul 2024 10:41



Tgt Ion:163 Resp: 1191589
Ion Ratio Lower Upper
163 100
194 4.1 3.5 5.3
164 10.2 8.2 12.4

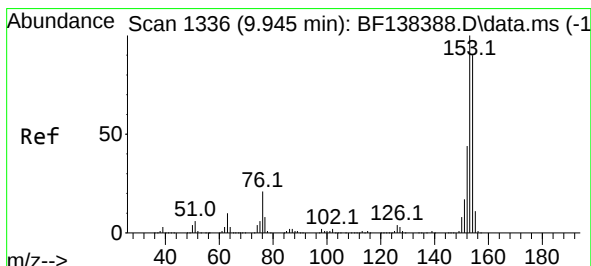
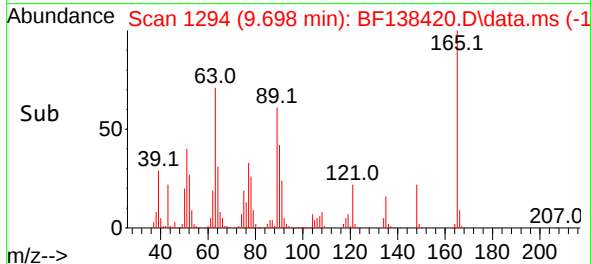
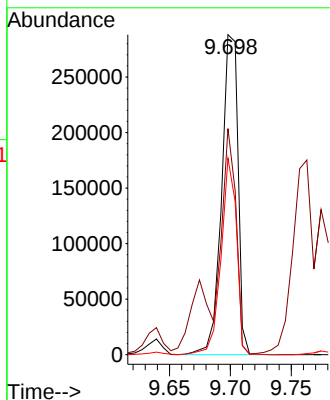
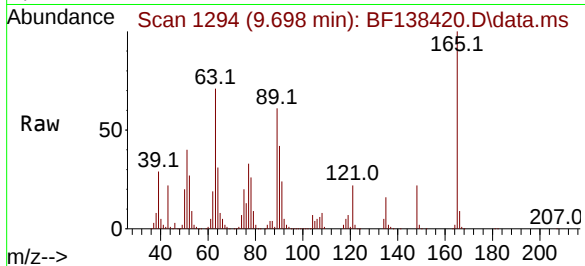




#51
2,6-Dinitrotoluene
Concen: 42.361 ng
RT: 9.698 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138420.D
Acq: 02 Jul 2024 10:41

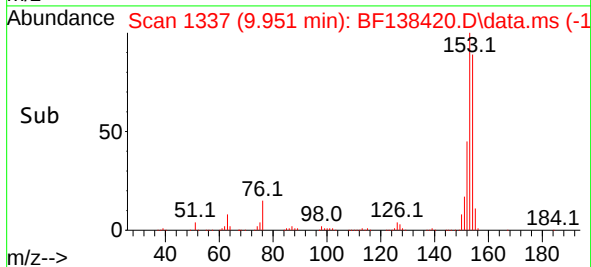
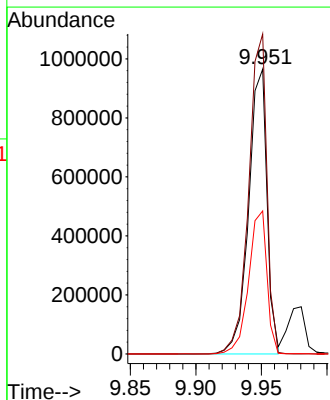
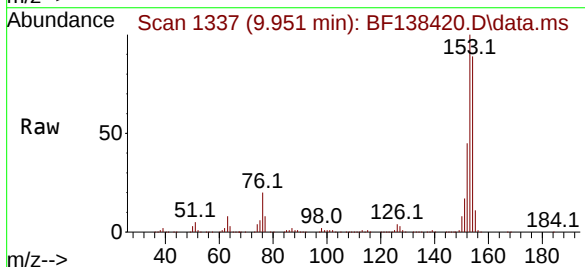
Instrument :
BNA_F
ClientSampleId :
PB161853BS

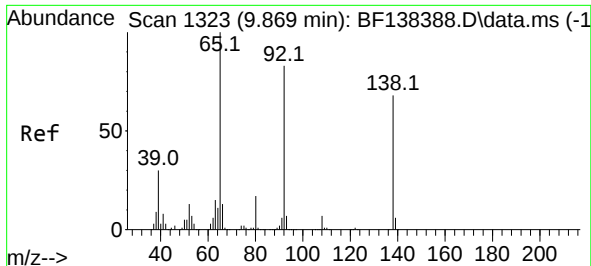
Tgt Ion:165 Resp: 270930
Ion Ratio Lower Upper
165 100
63 70.7 53.8 80.8
89 61.4 46.4 69.6



#52
Acenaphthene
Concen: 38.565 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF138420.D
Acq: 02 Jul 2024 10:41

Tgt Ion:154 Resp: 939461
Ion Ratio Lower Upper
154 100
153 112.3 89.4 134.0
152 50.2 39.7 59.5

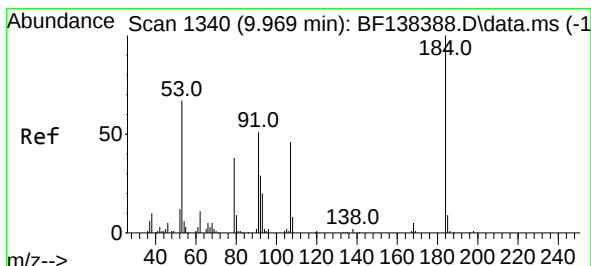
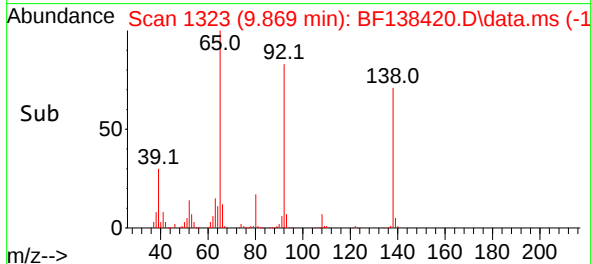
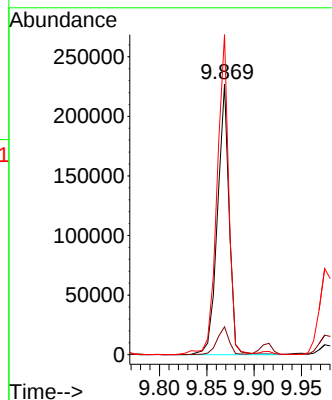
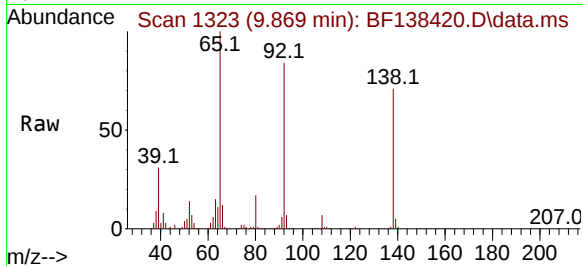




#53
3-Nitroaniline
Concen: 30.542 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138420.D
Acq: 02 Jul 2024 10:41

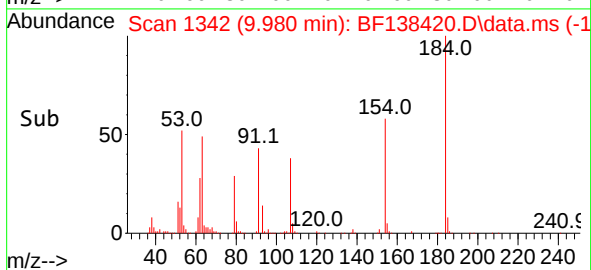
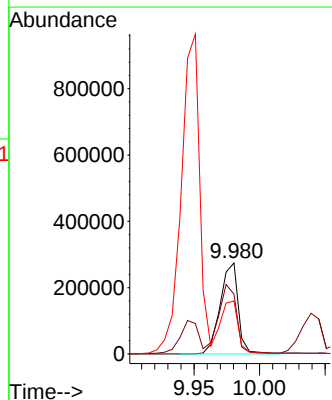
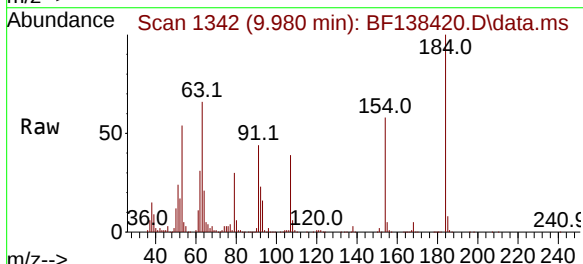
Instrument :
BNA_F
ClientSampleId :
PB161853BS

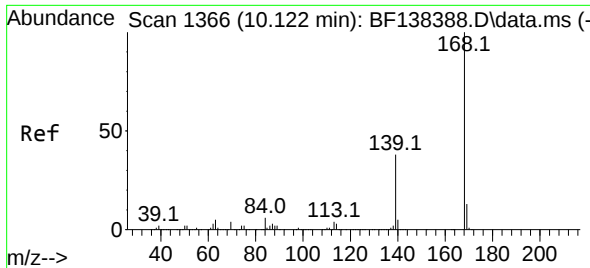
Tgt Ion:138 Resp: 192926
Ion Ratio Lower Upper
138 100
108 10.3 8.6 12.8
92 118.3 97.3 145.9



#54
2,4-Dinitrophenol
Concen: 95.355 ng
RT: 9.980 min Scan# 1342
Delta R.T. 0.011 min
Lab File: BF138420.D
Acq: 02 Jul 2024 10:41

Tgt Ion:184 Resp: 263177
Ion Ratio Lower Upper
184 100
63 65.7 67.3 100.9#
154 58.1 51.0 76.4

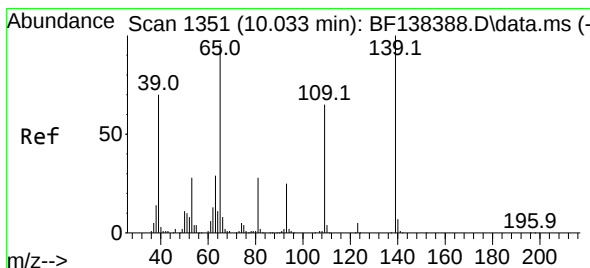
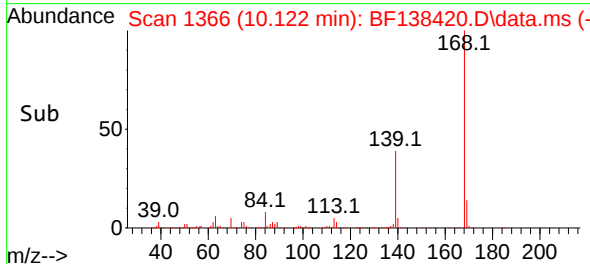
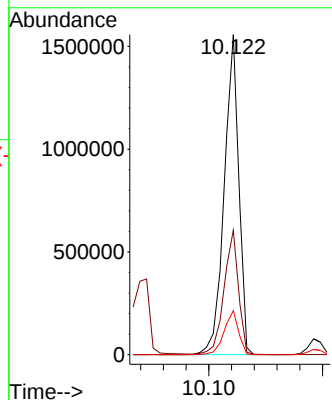
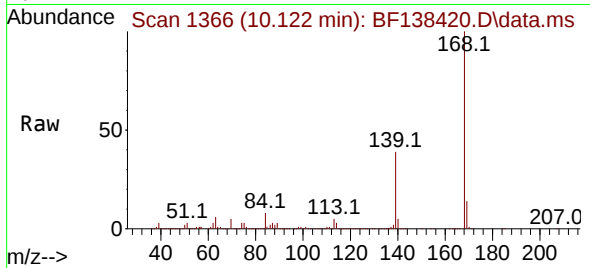




#55
Dibenzenofuran
Concen: 41.376 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138420.D
Acq: 02 Jul 2024 10:41

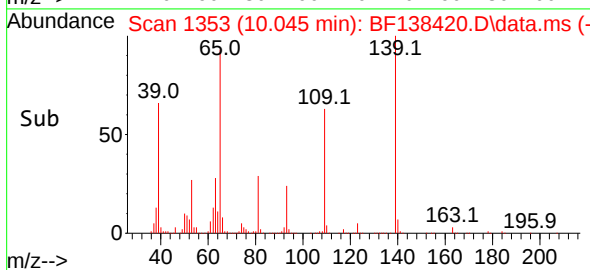
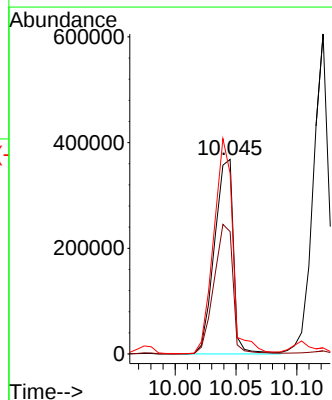
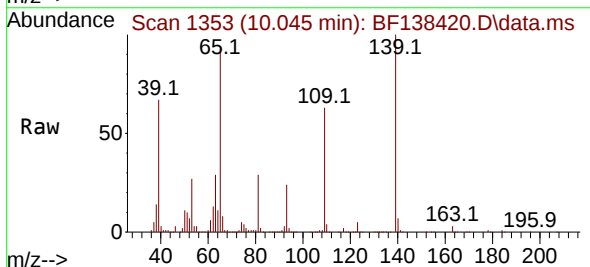
Instrument :
BNA_F
ClientSampleId :
PB161853BS

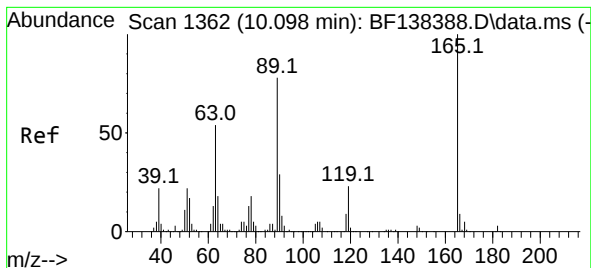
Tgt Ion:168 Resp: 1388747
Ion Ratio Lower Upper
168 100
139 38.9 30.4 45.6
169 13.8 10.7 16.1



#56
4-Nitrophenol
Concen: 97.383 ng
RT: 10.045 min Scan# 1353
Delta R.T. 0.012 min
Lab File: BF138420.D
Acq: 02 Jul 2024 10:41

Tgt Ion:139 Resp: 398846
Ion Ratio Lower Upper
139 100
109 62.9 44.6 84.6
65 92.8 75.9 115.9

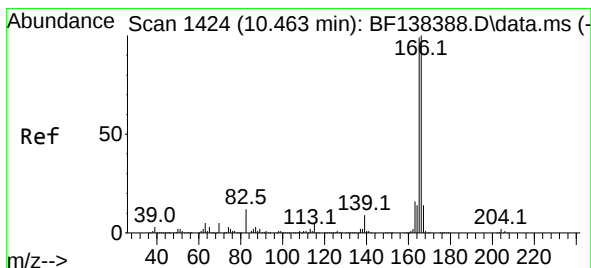
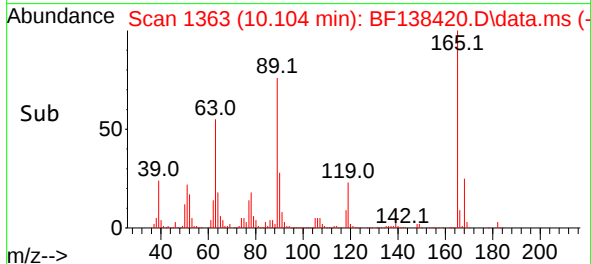
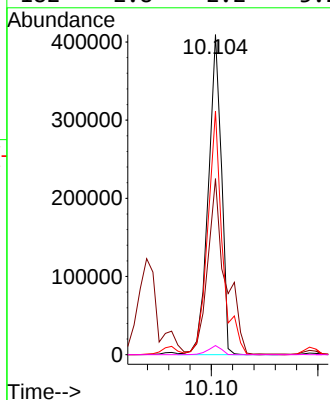
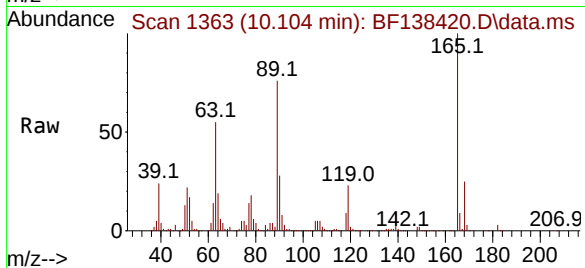




#57
2,4-Dinitrotoluene
Concen: 44.501 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138420.D
Acq: 02 Jul 2024 10:41

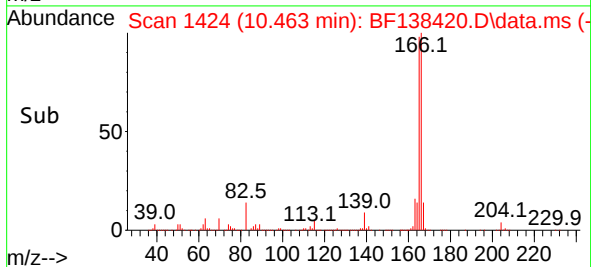
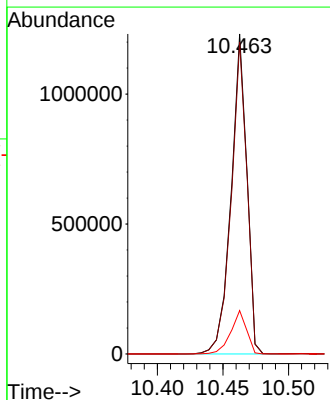
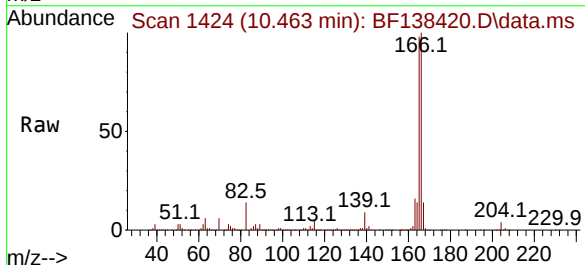
Instrument :
BNA_F
ClientSampleId :
PB161853BS

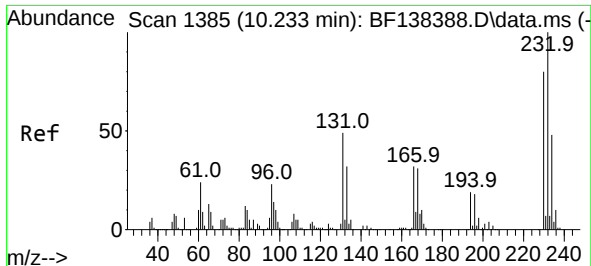
Tgt Ion:165 Resp: 350443
Ion Ratio Lower Upper
165 100
63 55.0 43.4 65.2
89 76.2 62.6 93.8
182 2.8 2.2 3.2



#58
Fluorene
Concen: 38.540 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF138420.D
Acq: 02 Jul 2024 10:41

Tgt Ion:166 Resp: 1027845
Ion Ratio Lower Upper
166 100
165 97.5 79.0 118.6
167 13.6 10.8 16.2

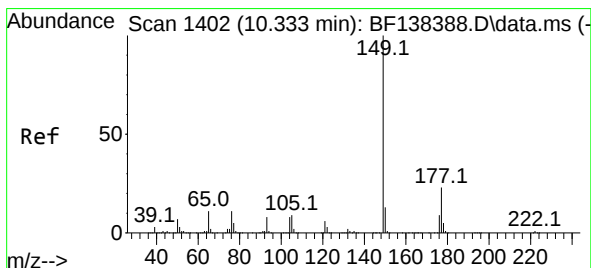
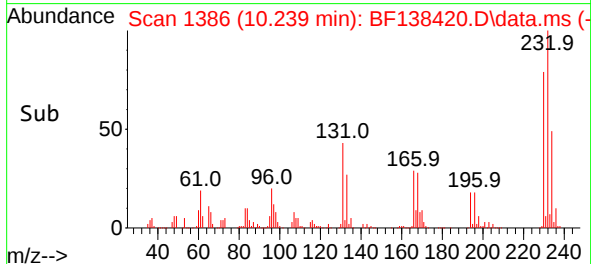
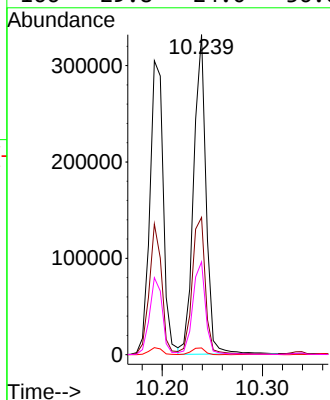
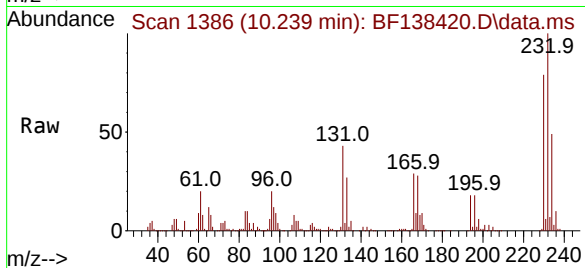




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.010 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.006 min
Lab File: BF138420.D
Acq: 02 Jul 2024 10:41

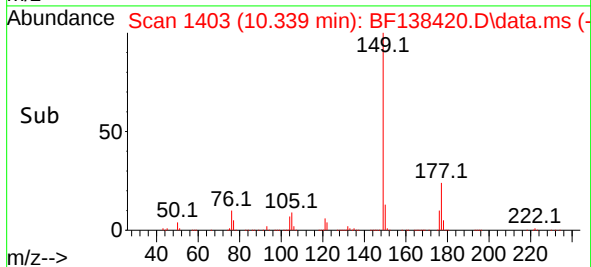
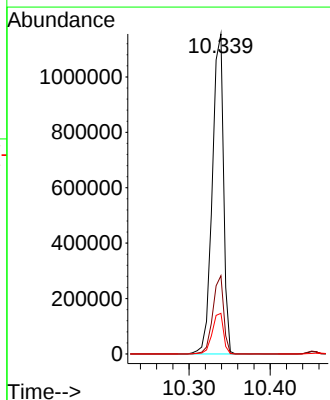
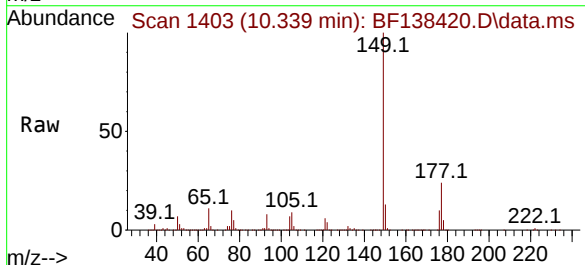
Instrument :
BNA_F
ClientSampleId :
PB161853BS

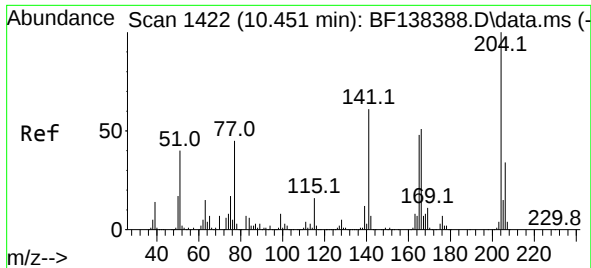
Tgt Ion:232 Resp: 284350
Ion Ratio Lower Upper
232 100
131 45.8 36.6 55.0
130 2.3 1.8 2.8
166 29.8 24.0 36.0



#60
Diethylphthalate
Concen: 41.393 ng
RT: 10.339 min Scan# 1403
Delta R.T. 0.006 min
Lab File: BF138420.D
Acq: 02 Jul 2024 10:41

Tgt Ion:149 Resp: 1105174
Ion Ratio Lower Upper
149 100
177 24.4 18.4 27.6
150 12.7 10.2 15.2

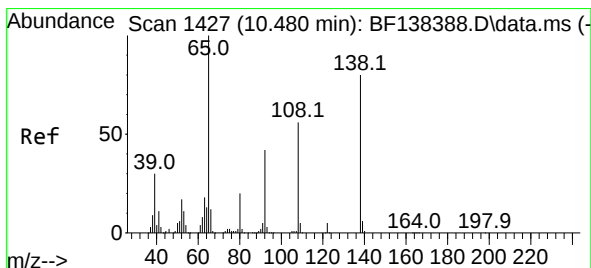
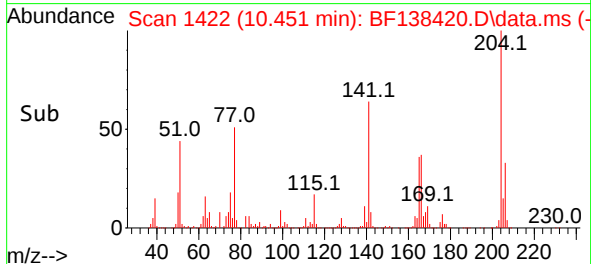
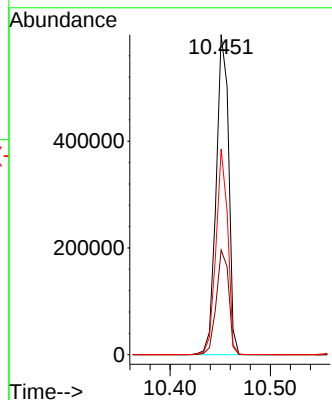
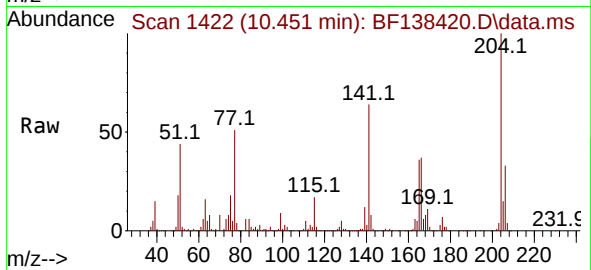




#61
4-Chlorophenyl-phenylether
Concen: 38.246 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF138420.D
Acq: 02 Jul 2024 10:41

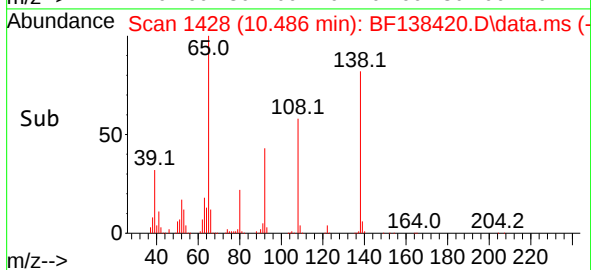
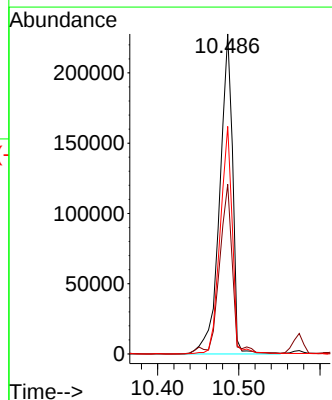
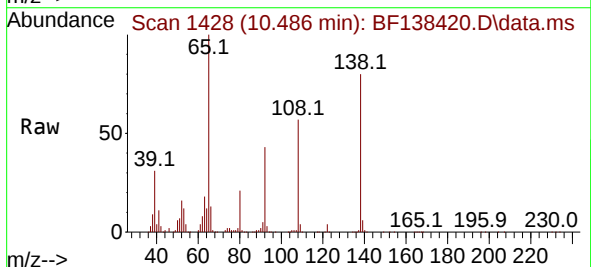
Instrument :
BNA_F
ClientSampleId :
PB161853BS

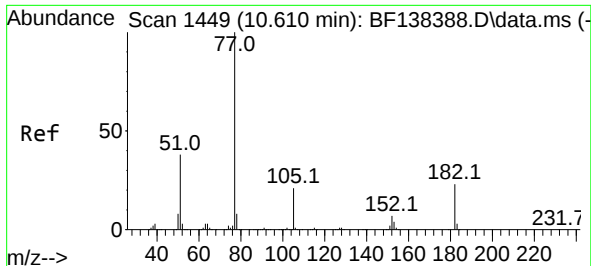
Tgt Ion:204 Resp: 517529
Ion Ratio Lower Upper
204 100
206 32.7 27.1 40.7
141 64.3 48.4 72.6



#62
4-Nitroaniline
Concen: 43.664 ng
RT: 10.486 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF138420.D
Acq: 02 Jul 2024 10:41

Tgt Ion:138 Resp: 253164
Ion Ratio Lower Upper
138 100
92 53.0 32.6 72.6
108 71.1 50.3 90.3

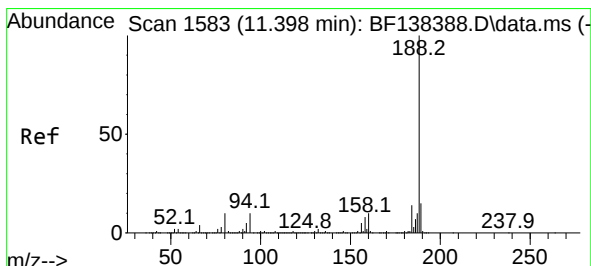
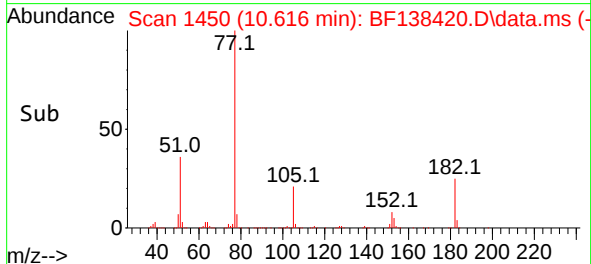
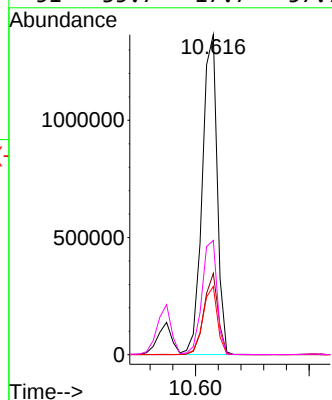
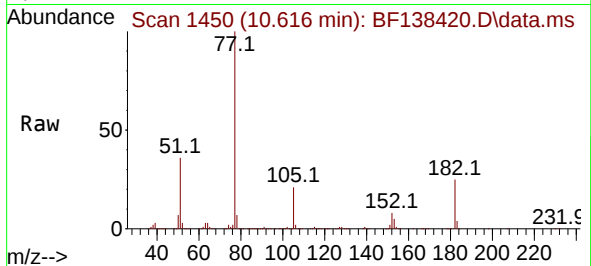




#63
Azobenzene
Concen: 44.112 ng
RT: 10.616 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF138420.D
Acq: 02 Jul 2024 10:41

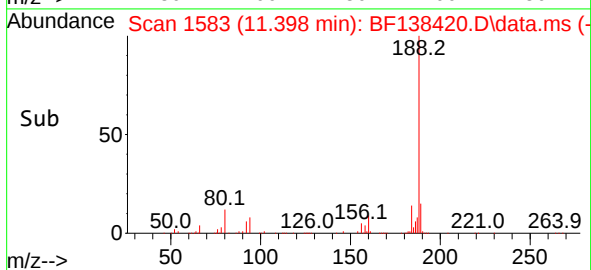
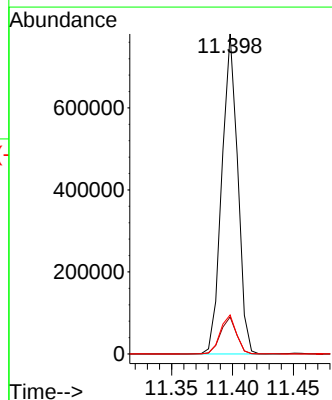
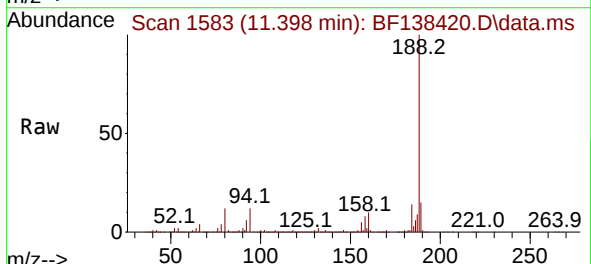
Instrument :
BNA_F
ClientSampleId :
PB161853BS

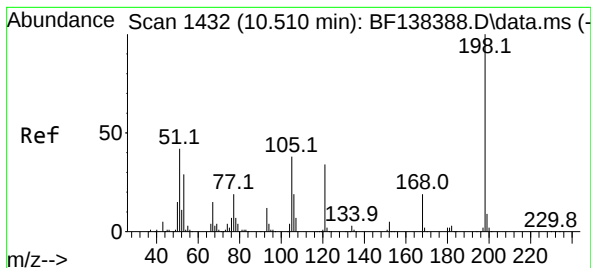
Tgt Ion: 77 Resp: 1243828
Ion Ratio Lower Upper
77 100
182 25.4 2.7 42.7
105 21.3 0.6 40.6
51 35.7 17.7 57.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF138420.D
Acq: 02 Jul 2024 10:41

Tgt Ion: 188 Resp: 709134
Ion Ratio Lower Upper
188 100
94 11.5 8.0 12.0
80 12.2 8.2 12.4

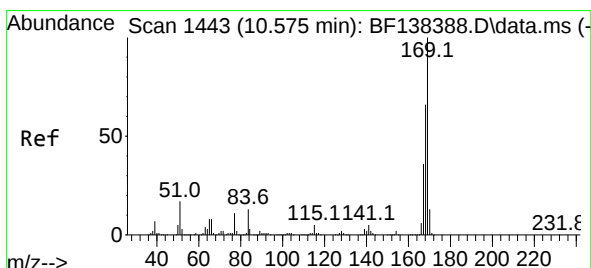
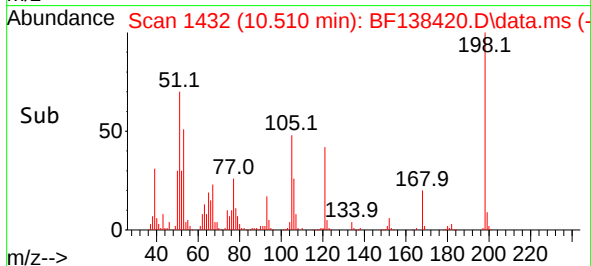
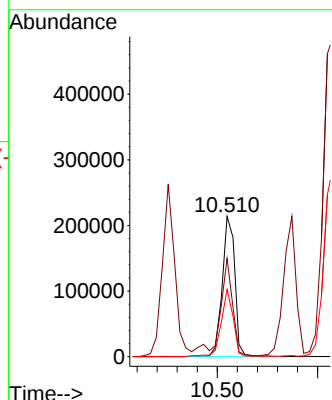
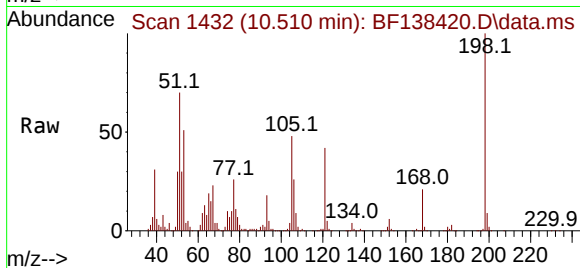




#65
4,6-Dinitro-2-methylphenol
Concen: 48.821 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF138420.D
Acq: 02 Jul 2024 10:41

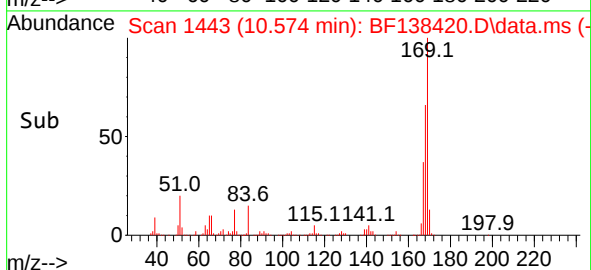
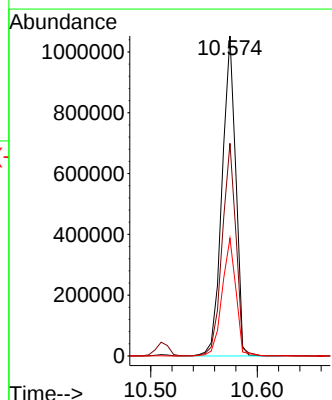
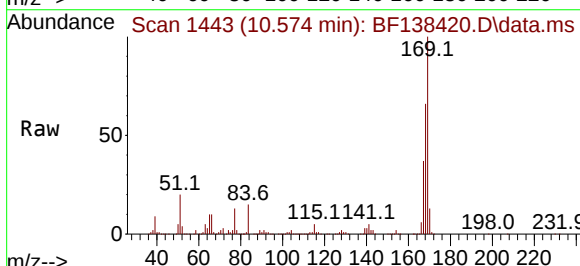
Instrument :
BNA_F
ClientSampleId :
PB161853BS

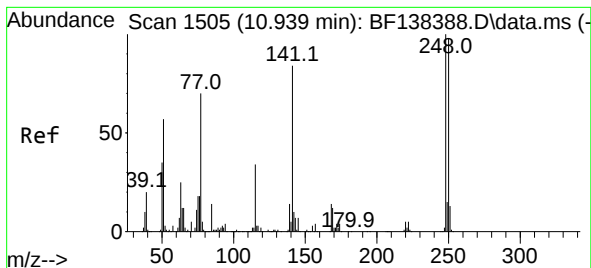
Tgt Ion:198 Resp: 185803
Ion Ratio Lower Upper
198 100
51 70.1 27.9 67.9#
105 48.0 18.2 58.2



#66
n-Nitrosodiphenylamine
Concen: 42.359 ng
RT: 10.574 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BF138420.D
Acq: 02 Jul 2024 10:41

Tgt Ion:169 Resp: 932521
Ion Ratio Lower Upper
169 100
168 66.5 52.5 78.7
167 36.8 28.8 43.2

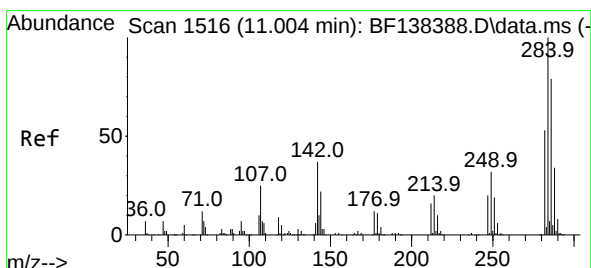
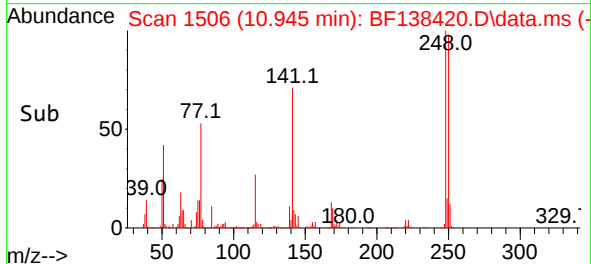
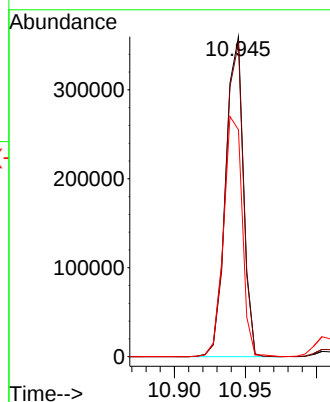
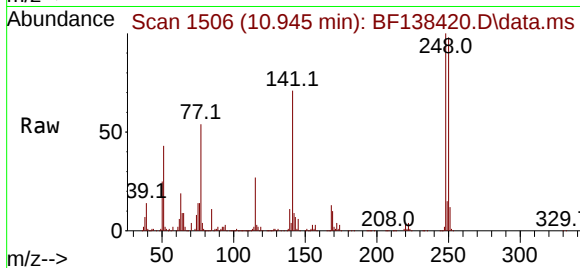




#67
4-Bromophenyl-phenylether
Concen: 40.963 ng
RT: 10.945 min Scan# 1506
Delta R.T. 0.006 min
Lab File: BF138420.D
Acq: 02 Jul 2024 10:41

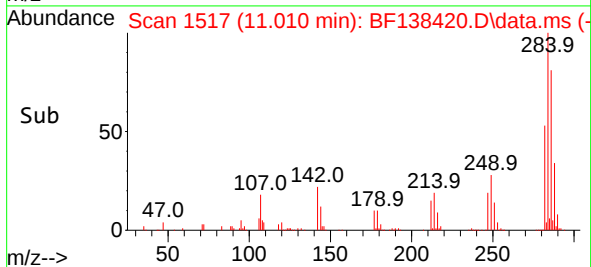
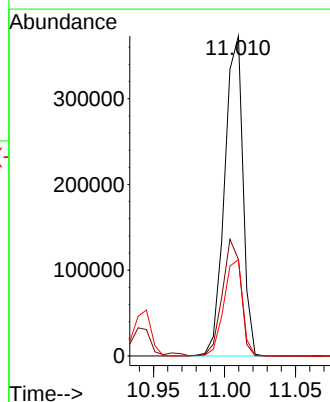
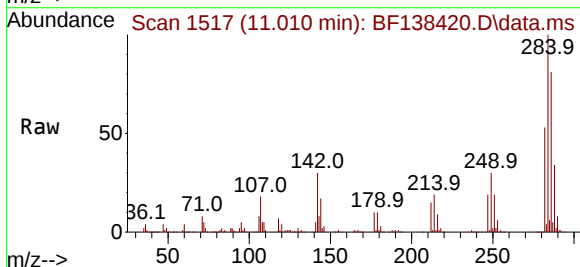
Instrument :
BNA_F
ClientSampleId :
PB161853BS

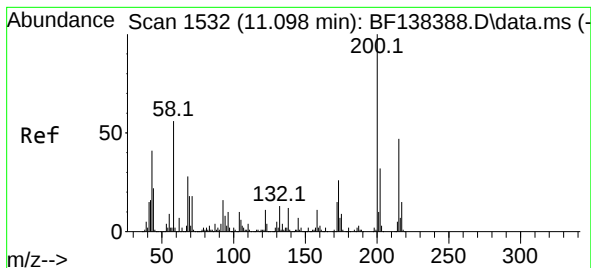
Tgt Ion:248 Resp: 312229
Ion Ratio Lower Upper
248 100
250 97.9 78.2 117.4
141 70.9 67.6 101.4



#68
Hexachlorobenzene
Concen: 39.765 ng
RT: 11.010 min Scan# 1517
Delta R.T. 0.006 min
Lab File: BF138420.D
Acq: 02 Jul 2024 10:41

Tgt Ion:284 Resp: 334080
Ion Ratio Lower Upper
284 100
142 30.1 29.2 43.8
249 30.1 25.8 38.6





#69

Atrazine

Concen: 43.956 ng

RT: 11.098 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF138420.D

Acq: 02 Jul 2024 10:41

Instrument :

BNA_F

ClientSampleId :

PB161853BS

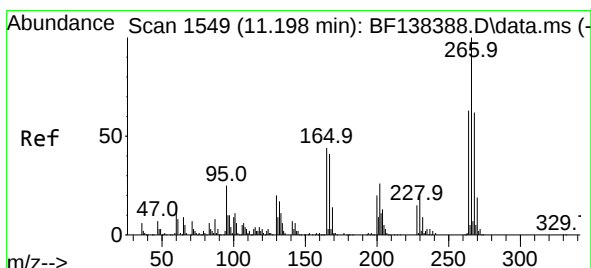
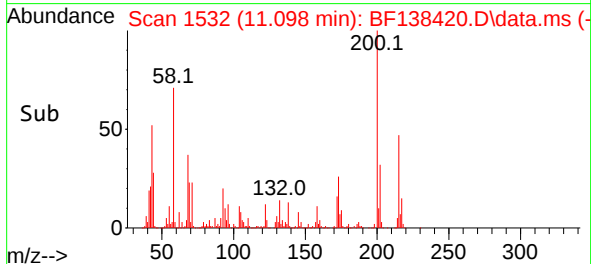
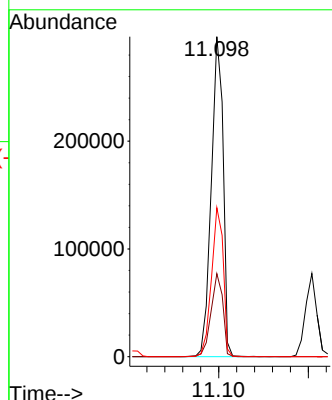
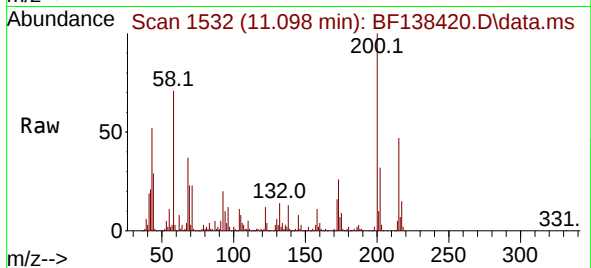
Tgt Ion:200 Resp: 271323

Ion Ratio Lower Upper

200 100

173 26.0 6.2 46.2

215 46.6 27.4 67.4



#70

Pentachlorophenol

Concen: 87.805 ng

RT: 11.204 min Scan# 1550

Delta R.T. 0.006 min

Lab File: BF138420.D

Acq: 02 Jul 2024 10:41

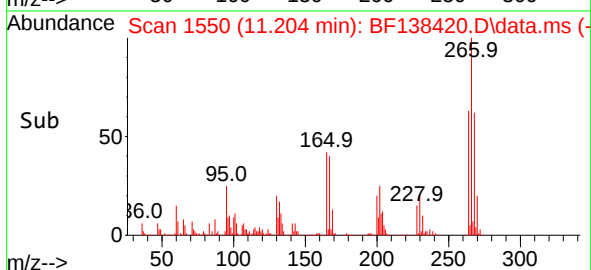
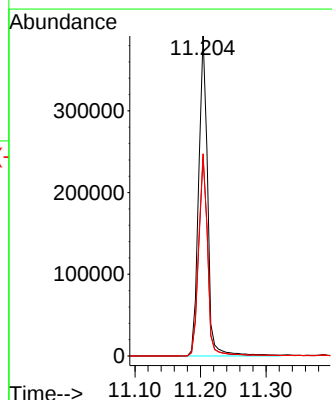
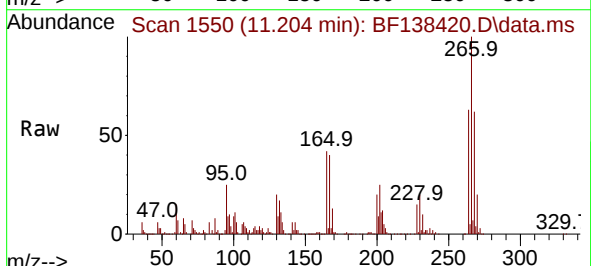
Tgt Ion:266 Resp: 374403

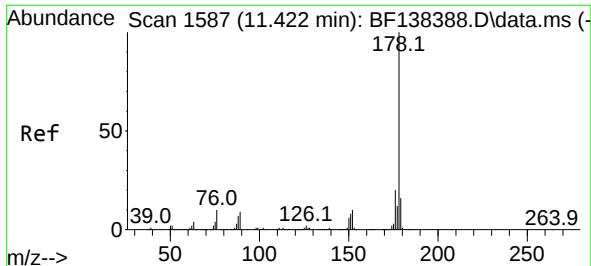
Ion Ratio Lower Upper

266 100

268 62.1 49.9 74.9

264 63.2 50.0 75.0

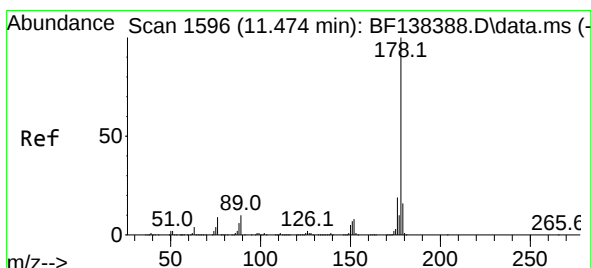
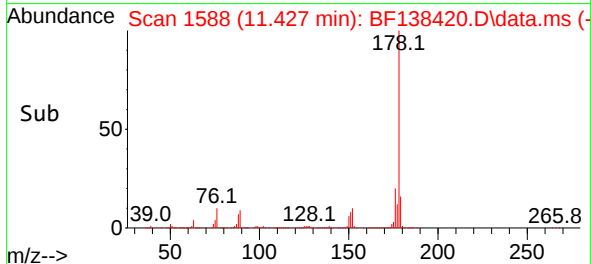
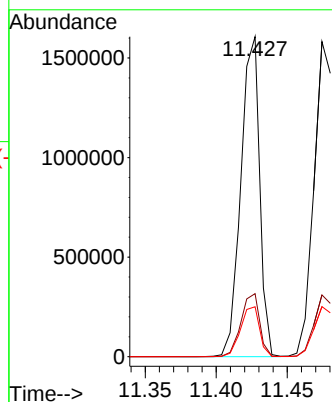
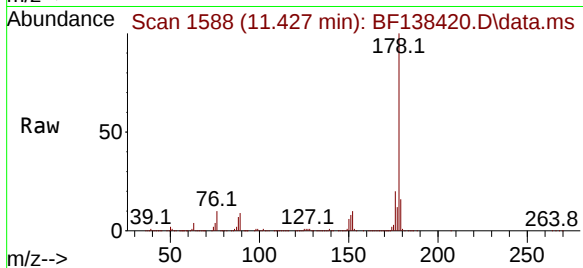




#71
Phenanthrene
Concen: 42.849 ng
RT: 11.427 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138420.D
Acq: 02 Jul 2024 10:41

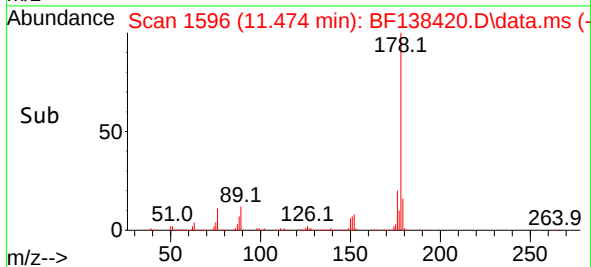
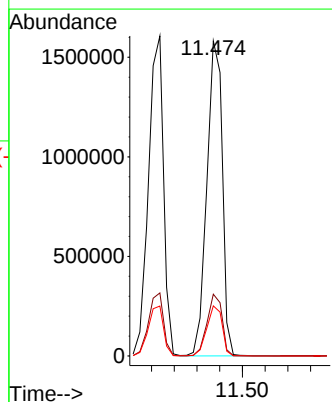
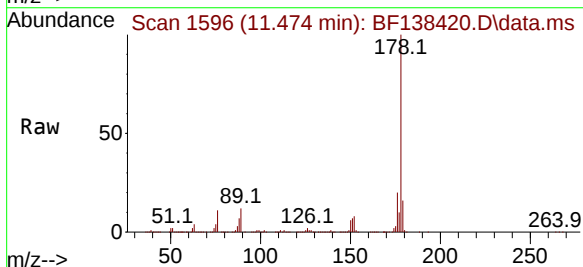
Instrument :
BNA_F
ClientSampleId :
PB161853BS

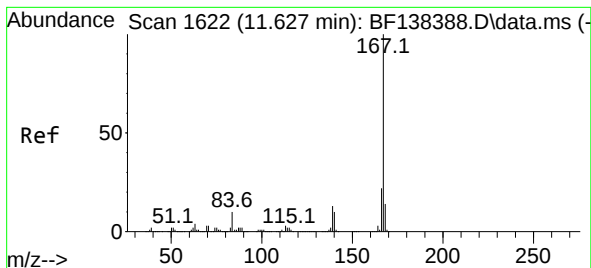
Tgt Ion:178 Resp: 1483583
Ion Ratio Lower Upper
178 100
176 19.7 16.1 24.1
179 15.6 12.6 18.8



#72
Anthracene
Concen: 43.237 ng
RT: 11.474 min Scan# 1596
Delta R.T. 0.000 min
Lab File: BF138420.D
Acq: 02 Jul 2024 10:41

Tgt Ion:178 Resp: 1492921
Ion Ratio Lower Upper
178 100
176 19.6 15.0 22.6
179 15.9 12.7 19.1





#73

Carbazole

Concen: 42.707 ng

RT: 11.627 min Scan# 1622

Delta R.T. -0.000 min

Lab File: BF138420.D

Acq: 02 Jul 2024 10:41

Instrument :

BNA_F

ClientSampleId :

PB161853BS

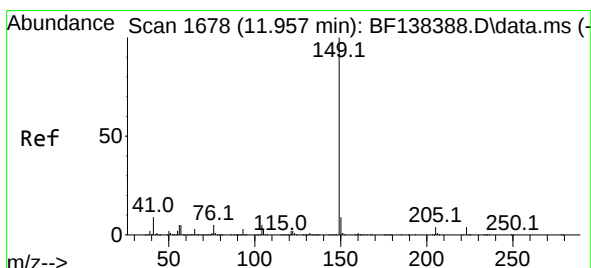
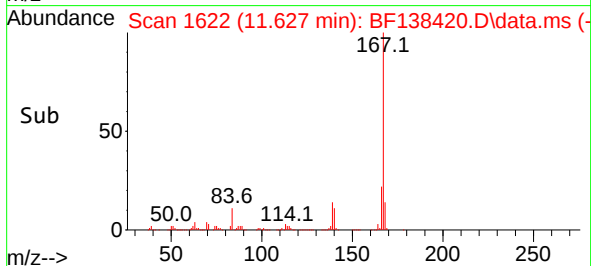
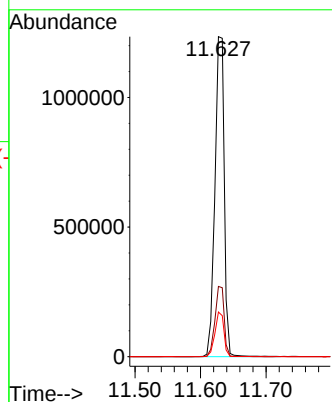
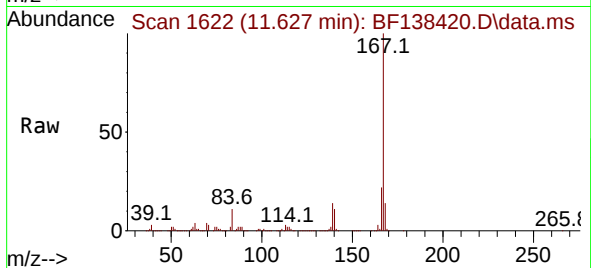
Tgt Ion:167 Resp: 1224238

Ion Ratio Lower Upper

167 100

166 22.0 17.7 26.5

139 14.0 10.7 16.1



#74

Di-n-butylphthalate

Concen: 42.928 ng

RT: 11.957 min Scan# 1678

Delta R.T. -0.000 min

Lab File: BF138420.D

Acq: 02 Jul 2024 10:41

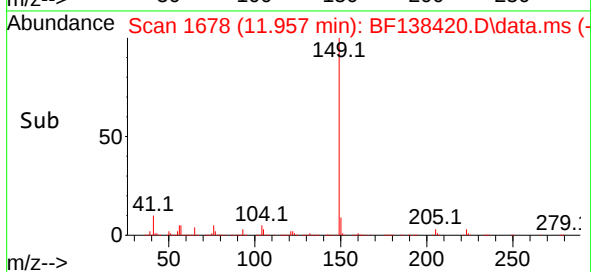
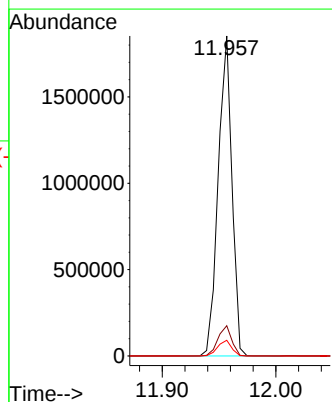
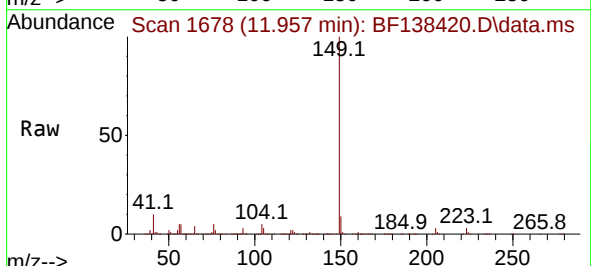
Tgt Ion:149 Resp: 1559491

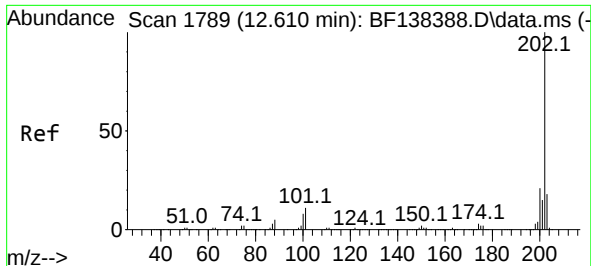
Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.2

104 4.9 3.8 5.8

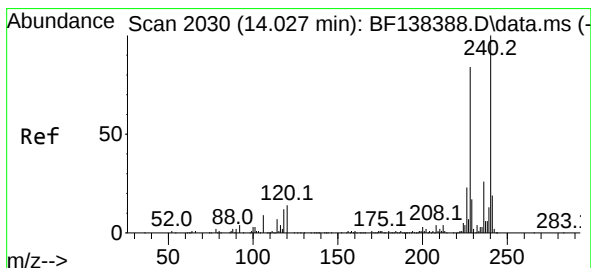
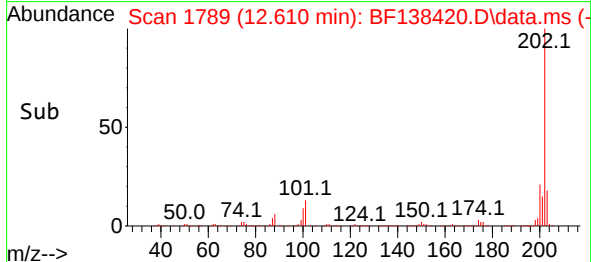
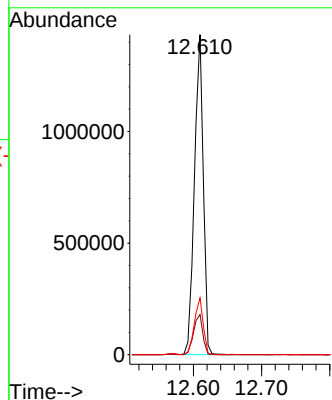
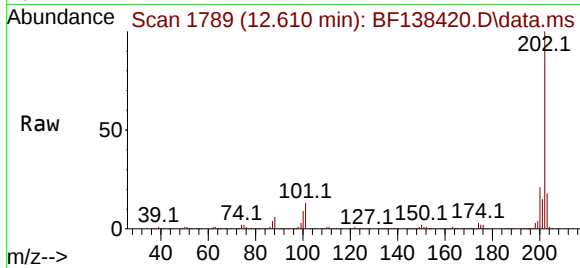




#75
Fluoranthene
Concen: 41.444 ng
RT: 12.610 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF138420.D
Acq: 02 Jul 2024 10:41

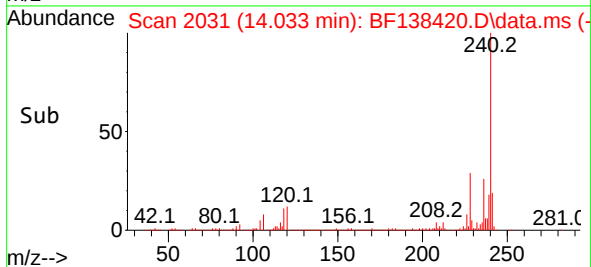
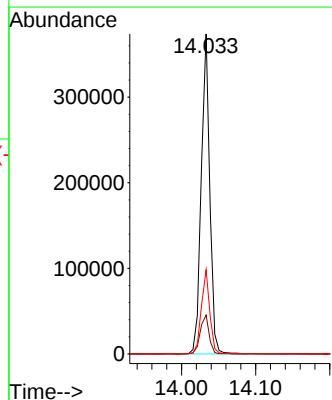
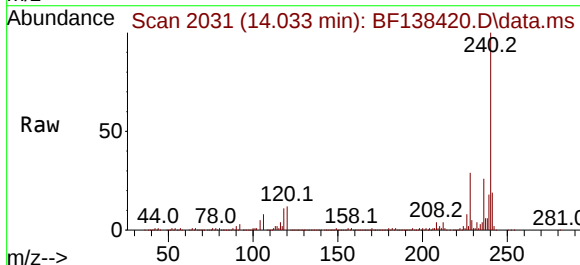
Instrument :
BNA_F
ClientSampleId :
PB161853BS

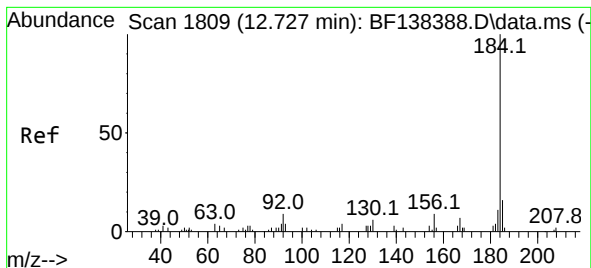
Tgt Ion:202 Resp: 1286435
Ion Ratio Lower Upper
202 100
101 12.5 0.0 30.5
203 17.8 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF138420.D
Acq: 02 Jul 2024 10:41

Tgt Ion:240 Resp: 297620
Ion Ratio Lower Upper
240 100
120 12.1 10.9 16.3
236 26.3 20.6 30.8





#77

Benzidine

Concen: 42.995 ng

RT: 12.727 min Scan# 1809

Delta R.T. -0.000 min

Lab File: BF138420.D

Acq: 02 Jul 2024 10:41

Instrument :

BNA_F

ClientSampleId :

PB161853BS

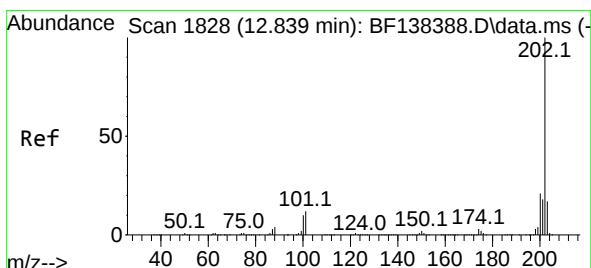
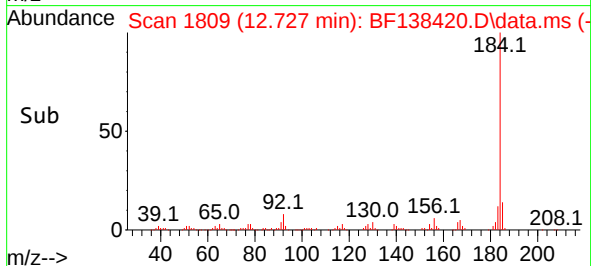
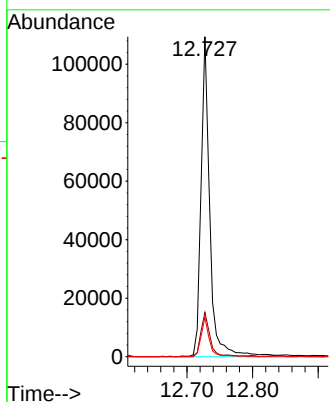
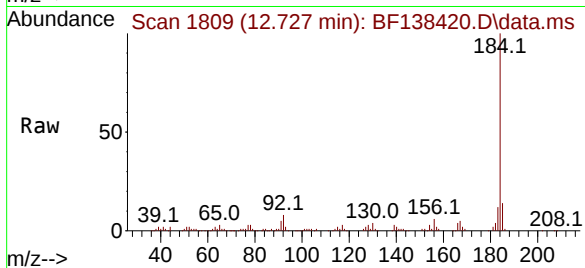
Tgt Ion:184 Resp: 102323

Ion Ratio Lower Upper

184 100

185 13.9 13.0 19.4

183 12.3 9.0 13.6



#78

Pyrene

Concen: 38.975 ng

RT: 12.839 min Scan# 1828

Delta R.T. -0.000 min

Lab File: BF138420.D

Acq: 02 Jul 2024 10:41

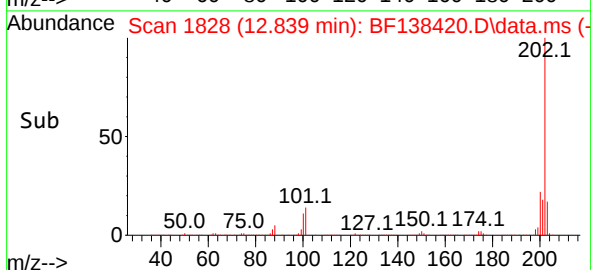
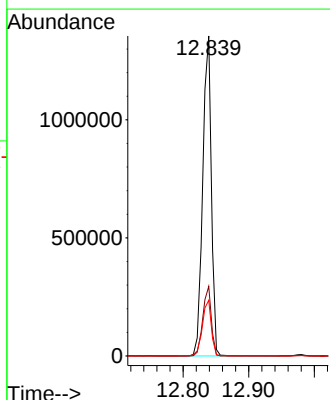
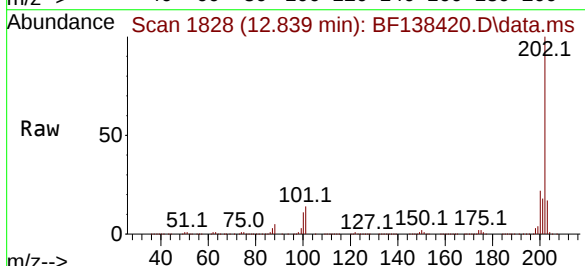
Tgt Ion:202 Resp: 1239787

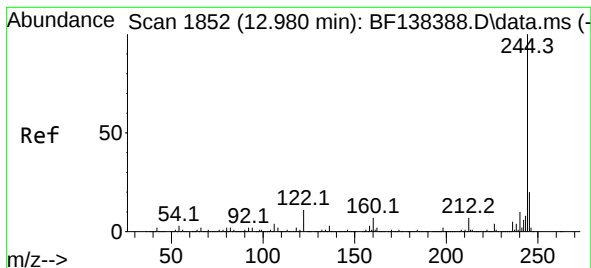
Ion Ratio Lower Upper

202 100

200 21.8 16.9 25.3

203 17.4 13.8 20.8





#79

Terphenyl-d14

Concen: 72.109 ng

RT: 12.980 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF138420.D

Acq: 02 Jul 2024 10:41

Instrument :

BNA_F

ClientSampleId :

PB161853BS

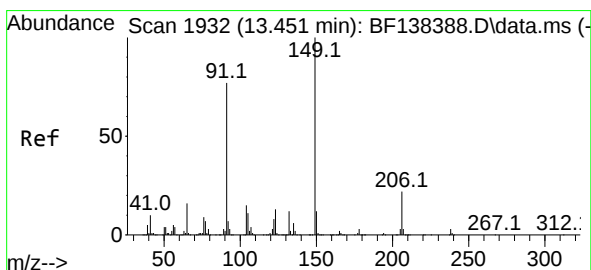
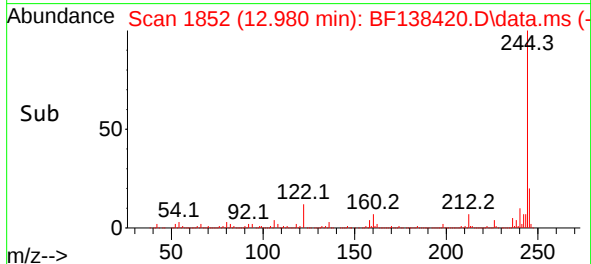
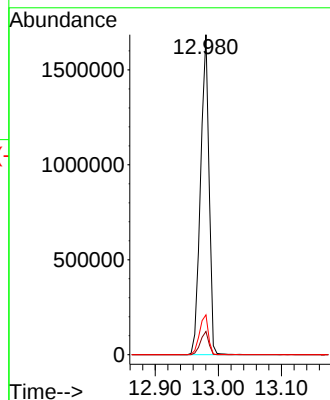
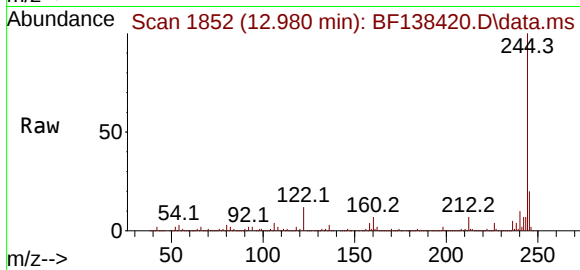
Tgt Ion:244 Resp: 1566027

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

122 12.4 9.0 13.4



#80

Butylbenzylphthalate

Concen: 42.447 ng

RT: 13.451 min Scan# 1932

Delta R.T. -0.000 min

Lab File: BF138420.D

Acq: 02 Jul 2024 10:41

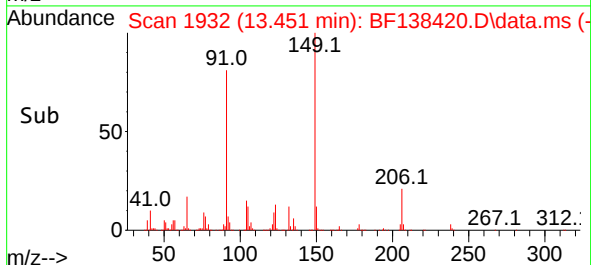
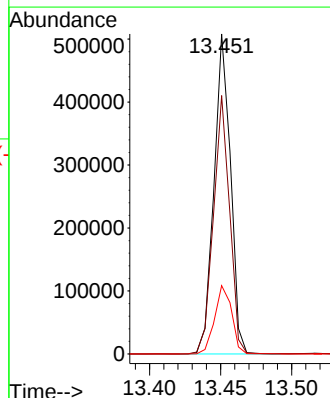
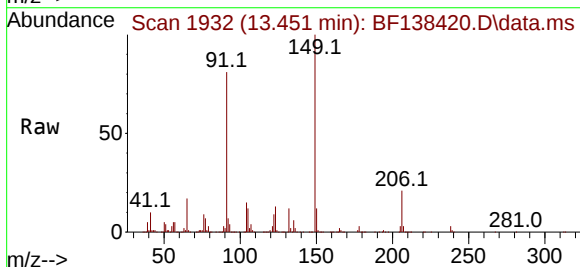
Tgt Ion:149 Resp: 410866

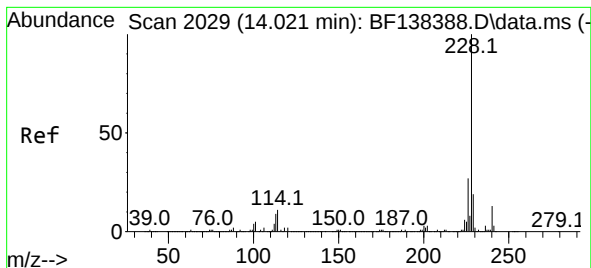
Ion Ratio Lower Upper

149 100

91 80.8 62.0 93.0

206 21.4 17.6 26.4





#81

Benzo(a)anthracene

Concen: 44.672 ng

RT: 14.021 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF138420.D

Acq: 02 Jul 2024 10:41

Instrument :

BNA_F

ClientSampleId :

PB161853BS

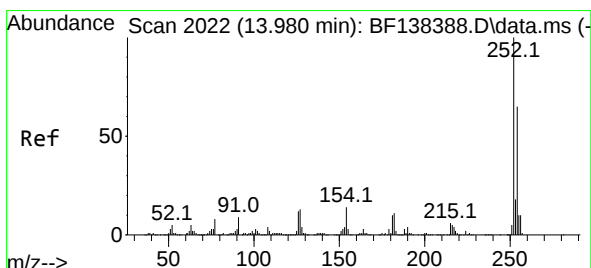
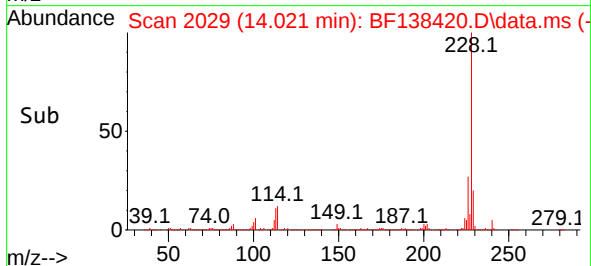
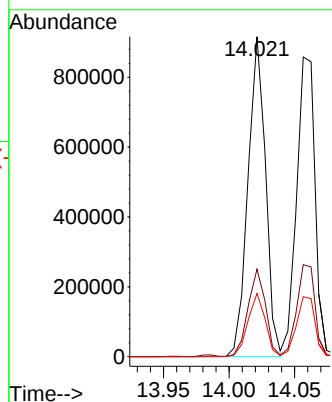
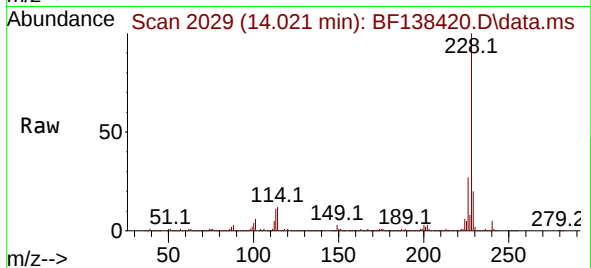
Tgt Ion:228 Resp: 855750

Ion Ratio Lower Upper

228 100

226 27.3 21.7 32.5

229 19.7 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 40.812 ng

RT: 13.986 min Scan# 2023

Delta R.T. 0.006 min

Lab File: BF138420.D

Acq: 02 Jul 2024 10:41

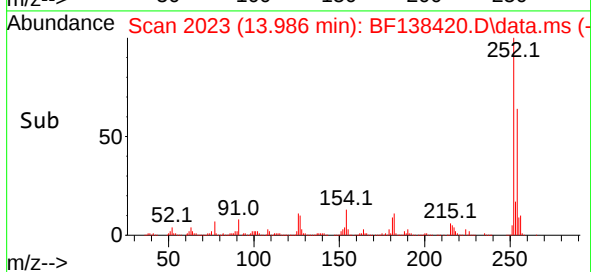
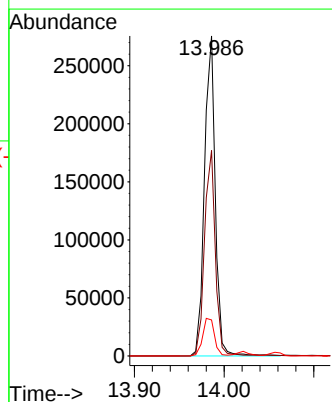
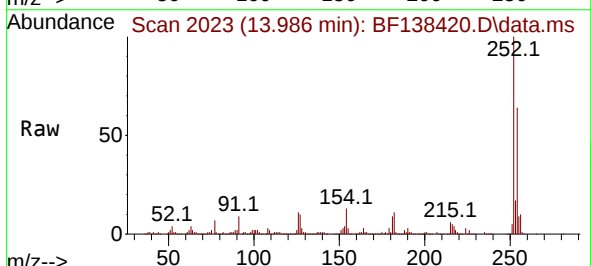
Tgt Ion:252 Resp: 230821

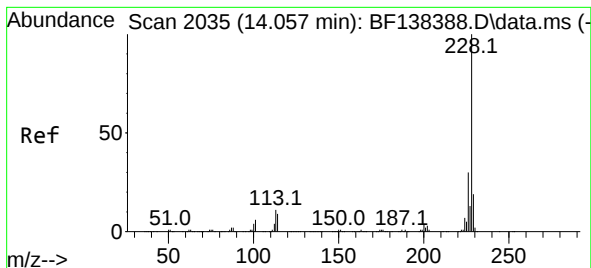
Ion Ratio Lower Upper

252 100

254 64.2 51.8 77.6

126 11.2 9.5 14.3





#83

Chrysene

Concen: 45.396 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.000 min

Lab File: BF138420.D

Acq: 02 Jul 2024 10:41

Instrument :

BNA_F

ClientSampleId :

PB161853BS

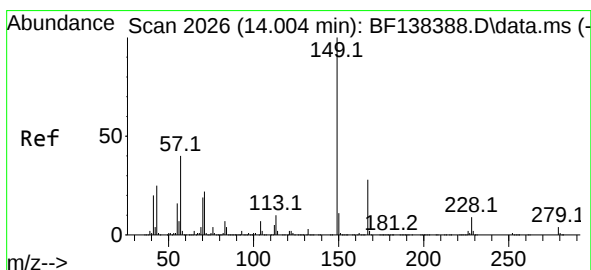
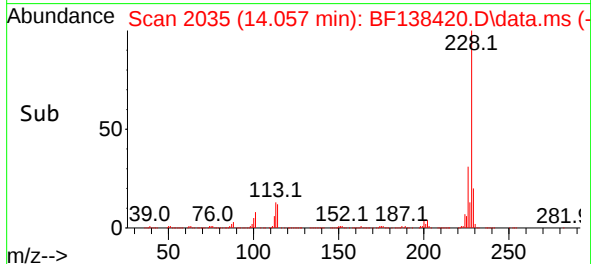
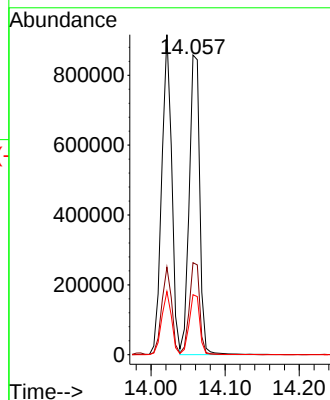
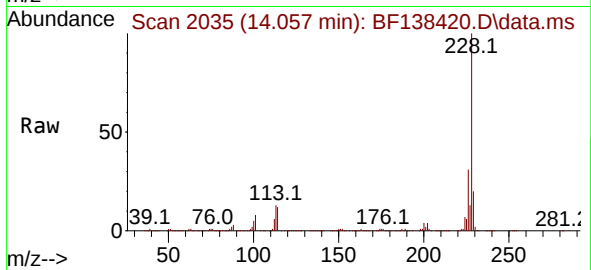
Tgt Ion:228 Resp: 846191

Ion Ratio Lower Upper

228 100

226 30.7 23.8 35.6

229 20.0 15.2 22.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.798 ng

RT: 14.010 min Scan# 2027

Delta R.T. 0.006 min

Lab File: BF138420.D

Acq: 02 Jul 2024 10:41

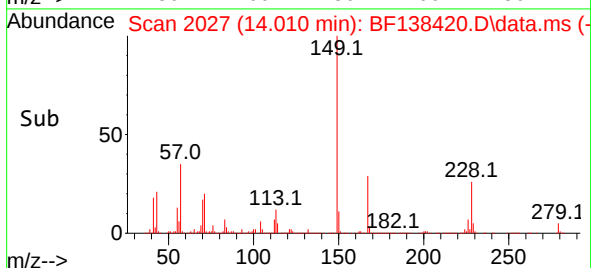
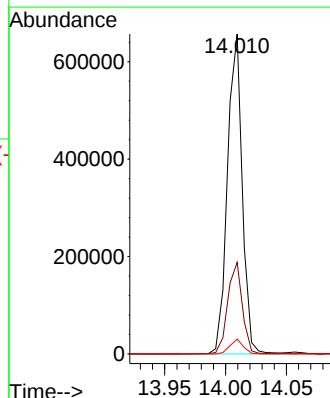
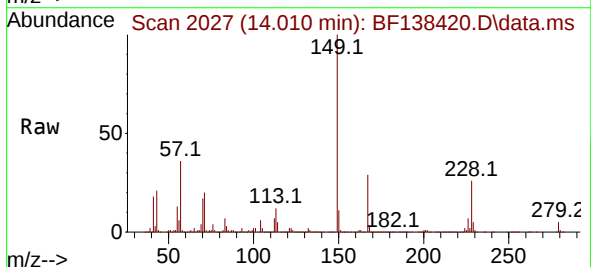
Tgt Ion:149 Resp: 555939

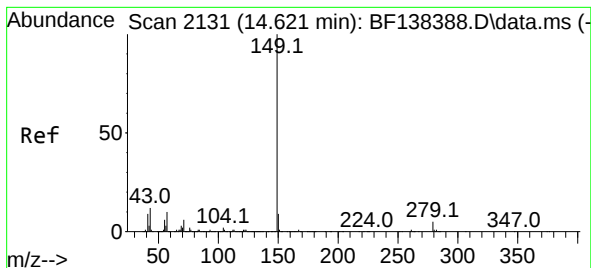
Ion Ratio Lower Upper

149 100

167 28.6 22.6 33.8

279 4.7 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 51.531 ng

RT: 14.621 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF138420.D

Acq: 02 Jul 2024 10:41

Instrument :

BNA_F

ClientSampleId :

PB161853BS

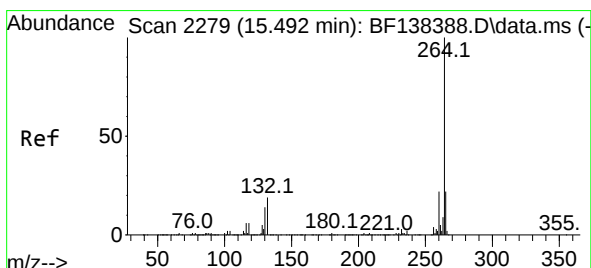
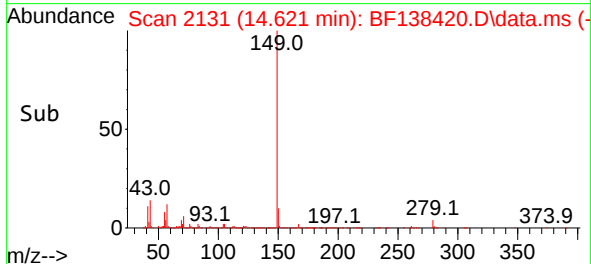
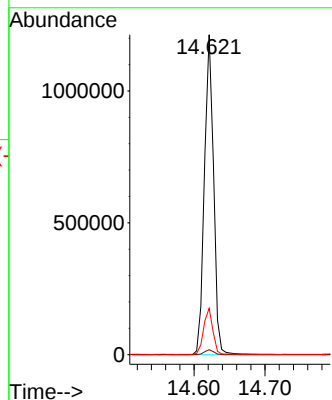
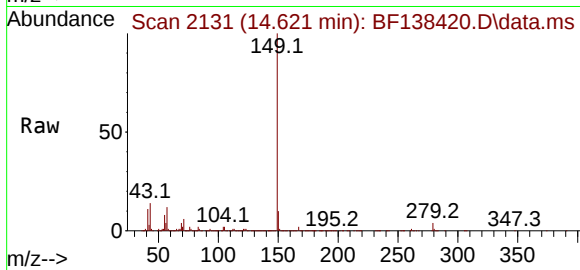
Tgt Ion:149 Resp: 1094876

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 14.5 10.9 16.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2280

Delta R.T. 0.006 min

Lab File: BF138420.D

Acq: 02 Jul 2024 10:41

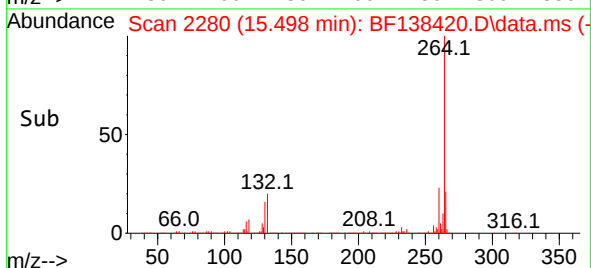
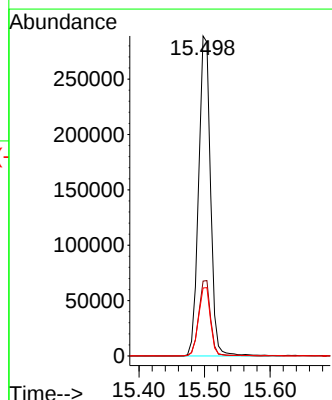
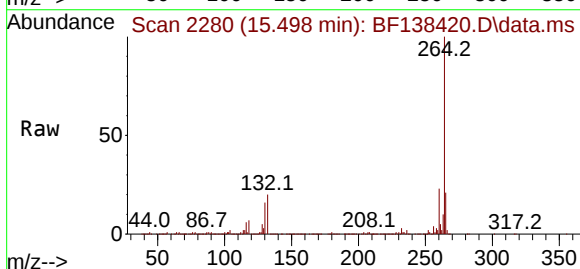
Tgt Ion:264 Resp: 365567

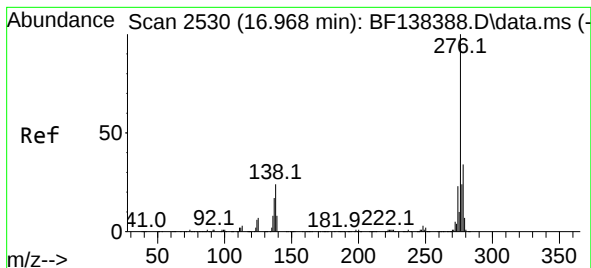
Ion Ratio Lower Upper

264 100

260 23.4 17.8 26.6

265 21.2 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.735 ng

RT: 16.974 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138420.D

Acq: 02 Jul 2024 10:41

Instrument :

BNA_F

ClientSampleId :

PB161853BS

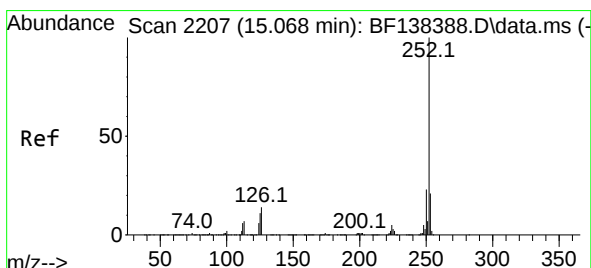
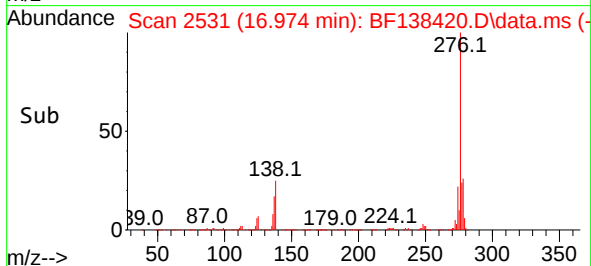
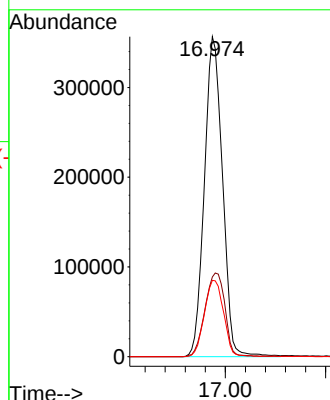
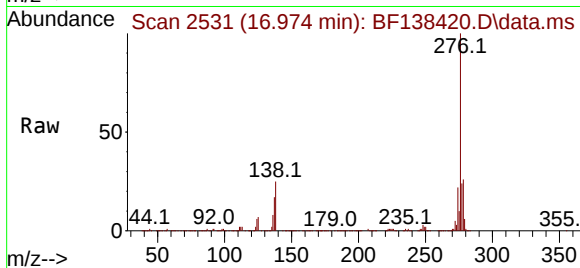
Tgt Ion:276 Resp: 895181

Ion Ratio Lower Upper

276 100

138 28.9 22.1 33.1

277 25.3 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 46.272 ng

RT: 15.074 min Scan# 2208

Delta R.T. 0.006 min

Lab File: BF138420.D

Acq: 02 Jul 2024 10:41

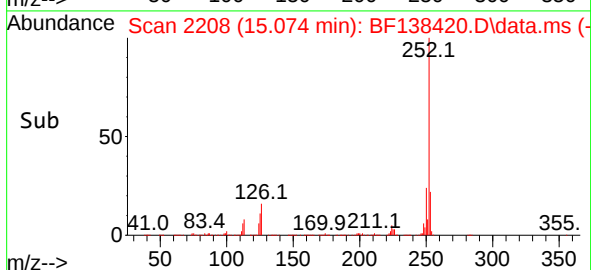
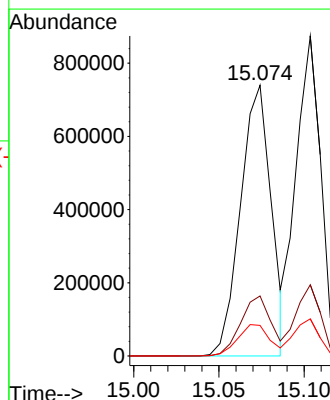
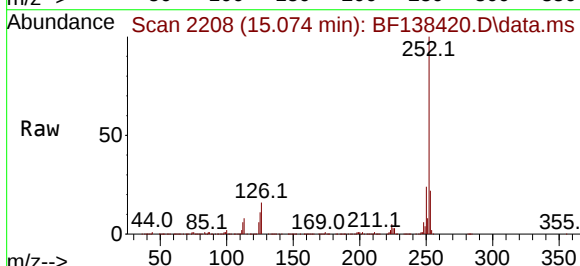
Tgt Ion:252 Resp: 928085

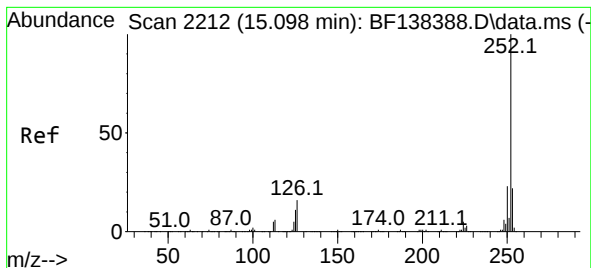
Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.4

125 11.3 8.6 12.8





#89

Benzo(k)fluoranthene

Concen: 49.165 ng

RT: 15.104 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138420.D

Acq: 02 Jul 2024 10:41

Instrument :

BNA_F

ClientSampleId :

PB161853BS

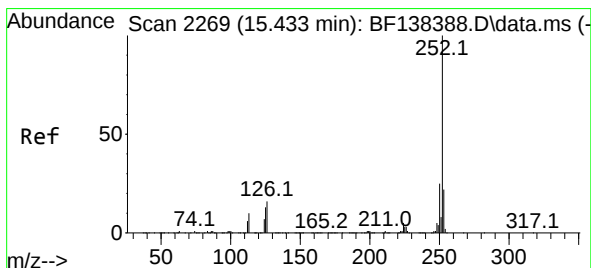
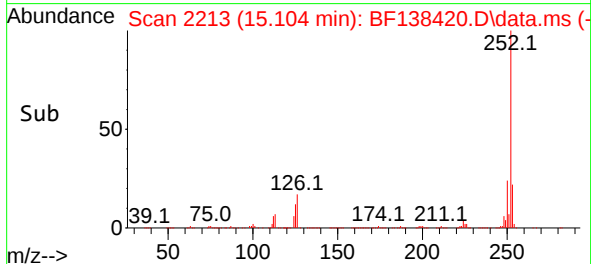
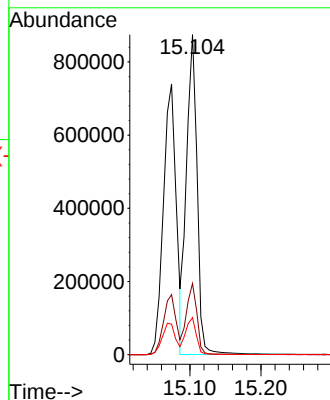
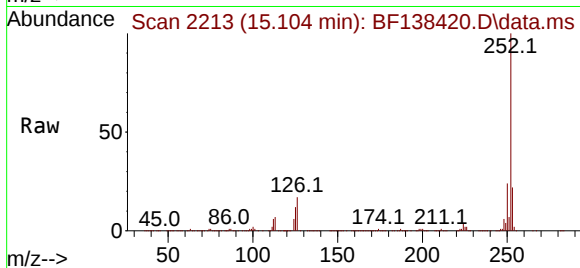
Tgt Ion:252 Resp: 908295

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

125 11.6 8.7 13.1



#90

Benzo(a)pyrene

Concen: 49.964 ng

RT: 15.439 min Scan# 2270

Delta R.T. 0.006 min

Lab File: BF138420.D

Acq: 02 Jul 2024 10:41

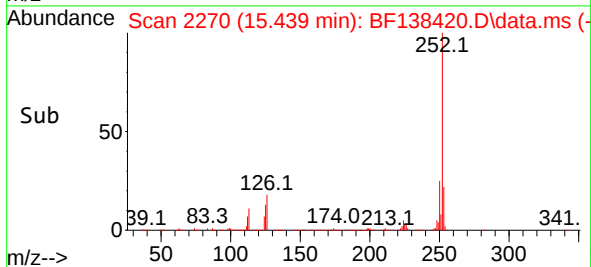
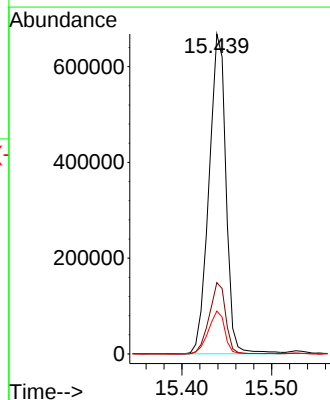
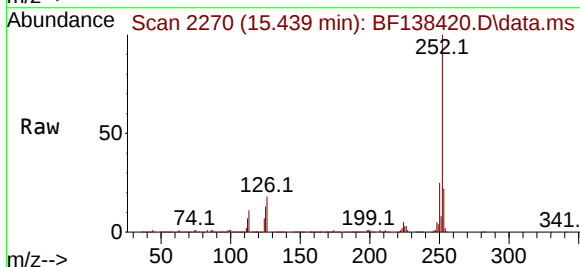
Tgt Ion:252 Resp: 878385

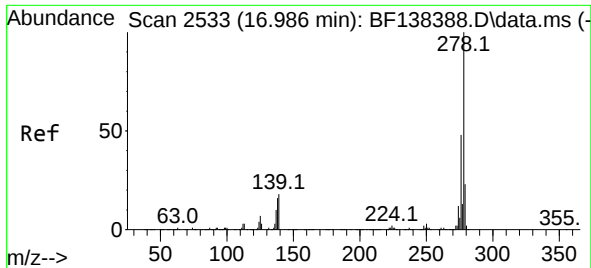
Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 13.4 10.2 15.2

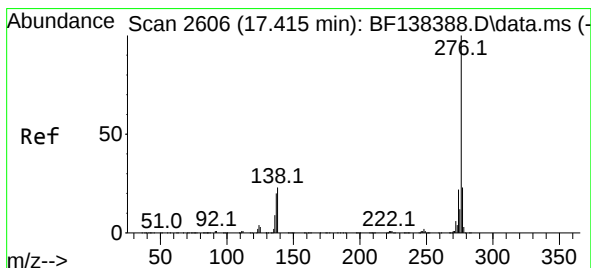
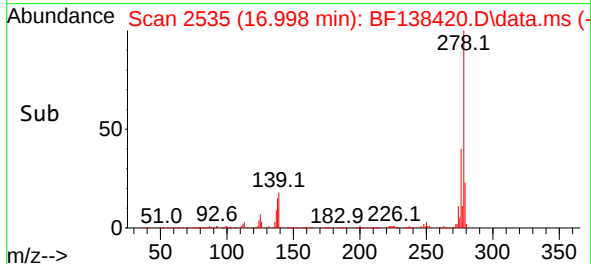
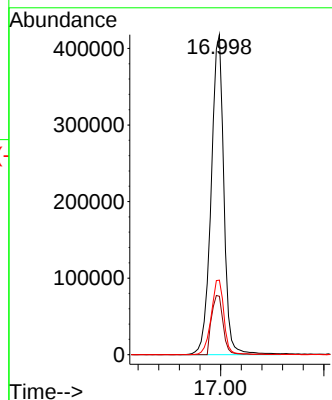
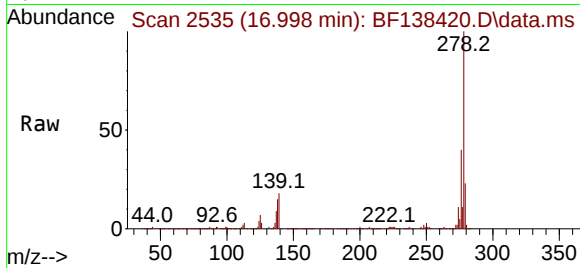




#91
Dibenzo(a,h)anthracene
Concen: 48.178 ng
RT: 16.998 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF138420.D
Acq: 02 Jul 2024 10:41

Instrument :
BNA_F
ClientSampleId :
PB161853BS

Tgt Ion:278 Resp: 714315
Ion Ratio Lower Upper
278 100
139 18.2 14.3 21.5
279 23.3 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 46.052 ng
RT: 17.427 min Scan# 2608
Delta R.T. 0.012 min
Lab File: BF138420.D
Acq: 02 Jul 2024 10:41

Tgt Ion:276 Resp: 667960
Ion Ratio Lower Upper
276 100
277 23.7 18.3 27.5
138 24.4 18.3 27.5

