

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070224\
 Data File : BF138423.D
 Acq On : 02 Jul 2024 12:10
 Operator : CG\JU
 Sample : PB161833BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161833BS

Quant Time: Jul 02 12:32:20 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	193419	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	783773	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	421613	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	692295	20.000	ng	0.00
76) Chrysene-d12	14.033	240	296409	20.000	ng	# 0.00
86) Perylene-d12	15.498	264	354290	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1395390	119.610	ng	0.02
7) Phenol-d6	6.516	99	1880577	119.664	ng	0.00
23) Nitrobenzene-d5	7.445	82	1218382	80.753	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	408301	118.533	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1969741	74.352	ng	0.00
79) Terphenyl-d14	12.980	244	1521984	70.367	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.746	88	201548	36.678	ng	98
3) Pyridine	3.493	79	481416	36.723	ng	99
4) n-Nitrosodimethylamine	3.451	42	368247	45.026	ng	98
6) Aniline	6.540	93	447527	29.181	ng	98
8) 2-Chlorophenol	6.663	128	582161	46.484	ng	98
9) Benzaldehyde	6.434	77	694241	71.573	ng	99
10) Phenol	6.534	94	731991	43.719	ng	98
11) bis(2-Chloroethyl)ether	6.616	93	583600	44.380	ng	99
12) 1,3-Dichlorobenzene	6.816	146	576368	40.187	ng	99
13) 1,4-Dichlorobenzene	6.892	146	580806	40.388	ng	98
14) 1,2-Dichlorobenzene	7.045	146	564345	42.509	ng	98
15) Benzyl Alcohol	7.022	79	526108	46.739	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	1156117	43.587	ng	98
17) 2-Methylphenol	7.134	107	454375	43.776	ng	99
18) Hexachloroethane	7.387	117	212610	40.989	ng	96
19) n-Nitroso-di-n-propyla...	7.292	70	410933	41.478	ng	98
20) 3+4-Methylphenols	7.287	107	528875	43.854	ng	99
22) Acetophenone	7.287	105	736807	41.438	ng	# 98
24) Nitrobenzene	7.457	77	635737	41.427	ng	99
25) Isophorone	7.698	82	1186306	42.642	ng	99
26) 2-Nitrophenol	7.775	139	307110	46.397	ng	97
27) 2,4-Dimethylphenol	7.810	122	409519	48.341	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	712163	42.529	ng	99
29) 2,4-Dichlorophenol	8.016	162	466627	42.886	ng	95
30) 1,2,4-Trichlorobenzene	8.098	180	501330	39.628	ng	99
31) Naphthalene	8.181	128	1629896	41.136	ng	100
32) Benzoic acid	7.951	122	351195	45.581	ng	99
33) 4-Chloroaniline	8.228	127	318238	22.998	ng	97
34) Hexachlorobutadiene	8.292	225	284694	37.482	ng	99
35) Caprolactam	8.604	113	102961	29.967	ng	96
36) 4-Chloro-3-methylphenol	8.716	107	504138	43.499	ng	99
37) 2-Methylnaphthalene	8.869	142	1051045	41.044	ng	100
38) 1-Methylnaphthalene	8.969	142	974472	39.239	ng	98
40) 1,2,4,5-Tetrachloroben...	9.033	216	464102	39.797	ng	99
41) Hexachlorocyclopentadiene	9.022	237	365146	106.373	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	314450	42.375	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070224\
 Data File : BF138423.D
 Acq On : 02 Jul 2024 12:10
 Operator : CG\JU
 Sample : PB161833BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161833BS

Quant Time: Jul 02 12:32:20 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

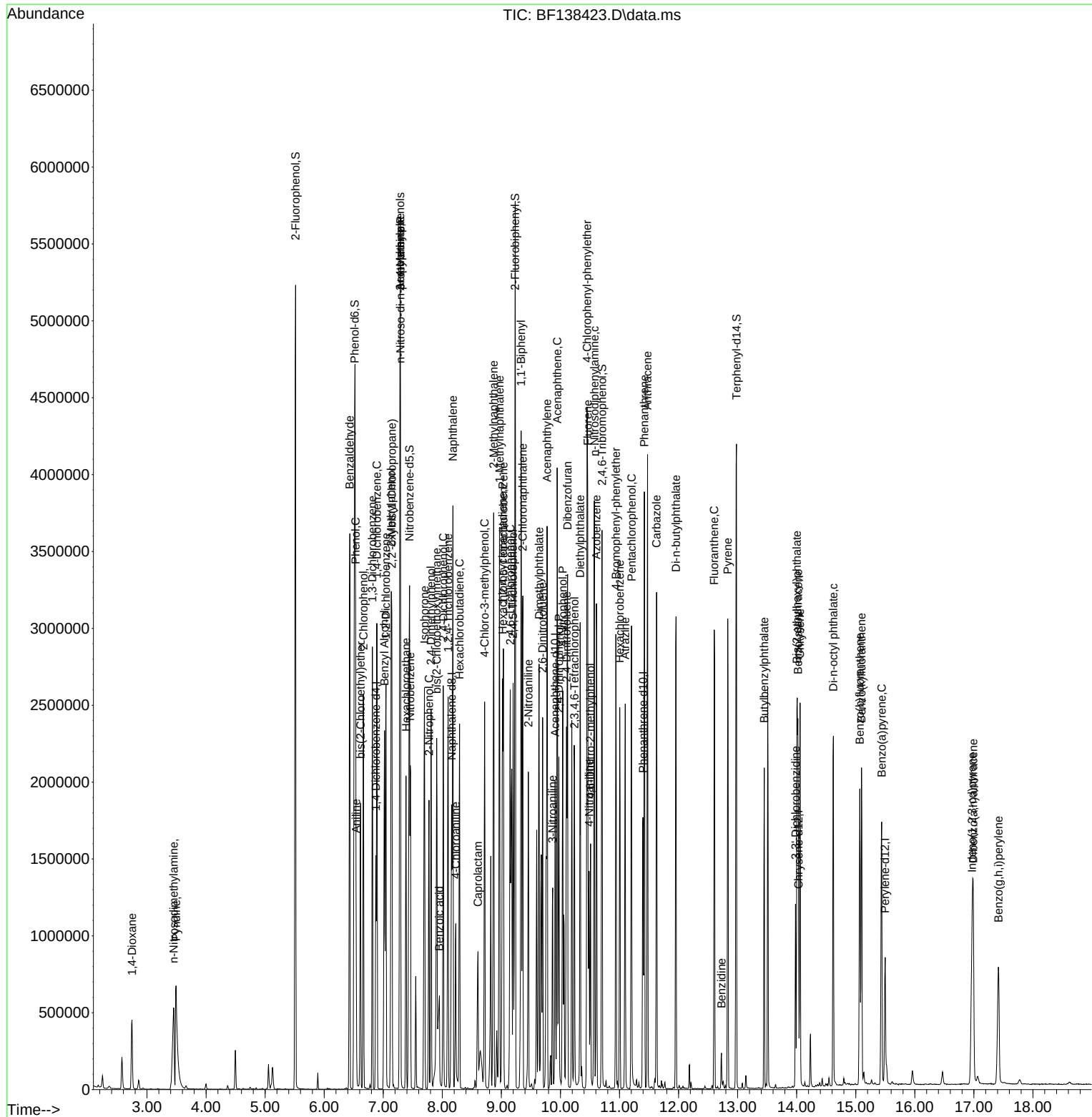
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	336329	41.675	ng	98
46) 1,1'-Biphenyl	9.333	154	1288090	40.917	ng	99
47) 2-Chloronaphthalene	9.363	162	972719	40.526	ng	100
48) 2-Nitroaniline	9.457	65	363498	46.949	ng	96
49) Acenaphthylene	9.775	152	1509702	44.724	ng	99
50) Dimethylphthalate	9.639	163	1159374	42.787	ng	99
51) 2,6-Dinitrotoluene	9.698	165	261741	43.130	ng	99
52) Acenaphthene	9.945	154	907064	39.243	ng	99
53) 3-Nitroaniline	9.869	138	183429	30.604	ng	95
54) 2,4-Dinitrophenol	9.975	184	246478	94.236	ng	99
55) Dibenzofuran	10.122	168	1339906	42.074	ng	99
56) 4-Nitrophenol	10.039	139	369997	95.210	ng	90
57) 2,4-Dinitrotoluene	10.104	165	336733	45.065	ng	94
58) Fluorene	10.463	166	992662	39.228	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	275592	45.976	ng	99
60) Diethylphthalate	10.333	149	1075311	42.446	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	494730	38.533	ng	98
62) 4-Nitroaniline	10.486	138	244138	44.378	ng	96
63) Azobenzene	10.610	77	1187330	44.379	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	179141	48.288	ng	87
66) n-Nitrosodiphenylamine	10.575	169	899999	41.876	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	302885	40.703	ng	99
68) Hexachlorobenzene	11.004	284	324156	39.522	ng	98
69) Atrazine	11.098	200	258651	42.923	ng	100
70) Pentachlorophenol	11.204	266	356600	85.664	ng	99
71) Phenanthrene	11.422	178	1446792	42.803	ng	100
72) Anthracene	11.475	178	1446884	42.923	ng	99
73) Carbazole	11.627	167	1187183	42.422	ng	99
74) Di-n-butylphthalate	11.957	149	1505556	42.451	ng	100
75) Fluoranthene	12.604	202	1230333	40.601	ng	96
77) Benzidine	12.727	184	95469	40.279	ng	98
78) Pyrene	12.833	202	1193021	37.658	ng	99
80) Butylbenzylphthalate	13.451	149	393475	40.817	ng	99
81) Benzo(a)anthracene	14.021	228	831839	43.601	ng	99
82) 3,3'-Dichlorobenzidine	13.980	252	216552	38.445	ng	99
83) Chrysene	14.057	228	816415	43.977	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	526440	43.546	ng	99
85) Di-n-octyl phthalate	14.621	149	1048895	49.568	ng	99
87) Indeno(1,2,3-cd)pyrene	16.968	276	847319	47.598	ng	98
88) Benzo(b)fluoranthene	15.068	252	878370	45.187	ng	98
89) Benzo(k)fluoranthene	15.098	252	905994	50.602	ng	98
90) Benzo(a)pyrene	15.439	252	844098	49.542	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	683201	47.546	ng	99
92) Benzo(g,h,i)perylene	17.415	276	626084	44.539	ng	96

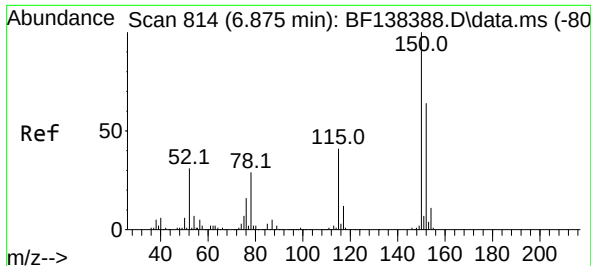
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070224\
 Data File : BF138423.D
 Acq On : 02 Jul 2024 12:10
 Operator : CG\JU
 Sample : PB161833BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161833BS

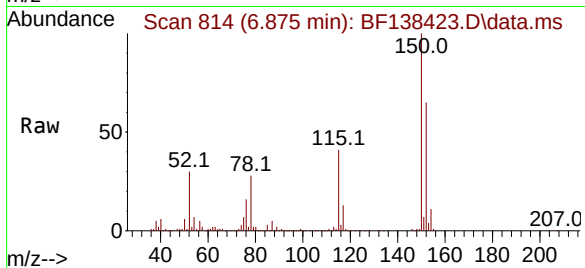
Quant Time: Jul 02 12:32:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 29 02:44:30 2024
 Response via : Initial Calibration



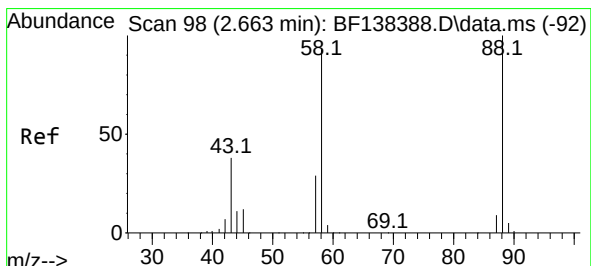
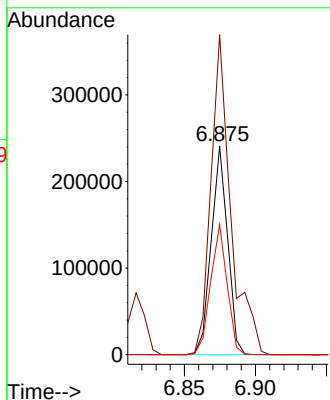
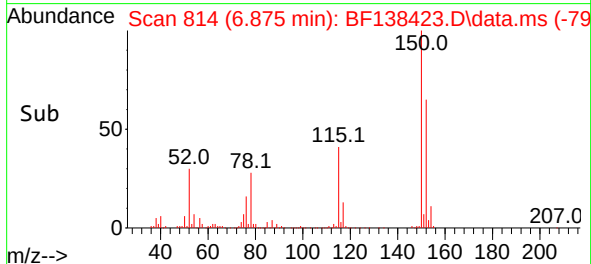


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF138423.D
Acq: 02 Jul 2024 12:10

Instrument :
BNA_F
ClientSampleId :
PB161833BS

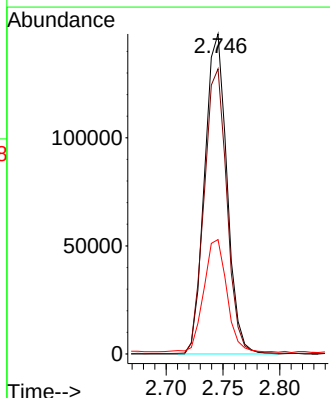
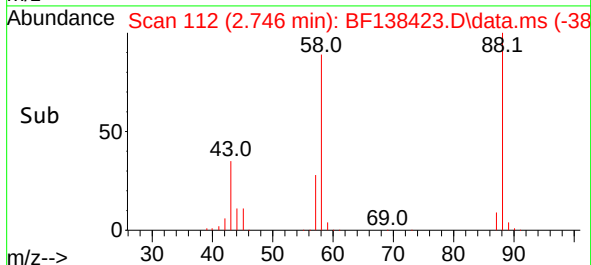
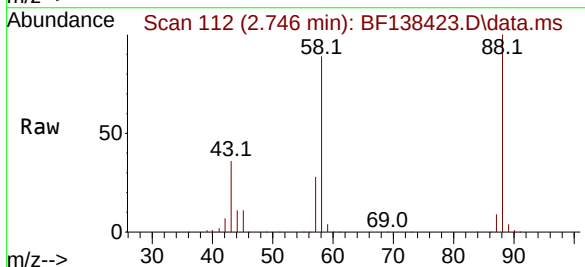


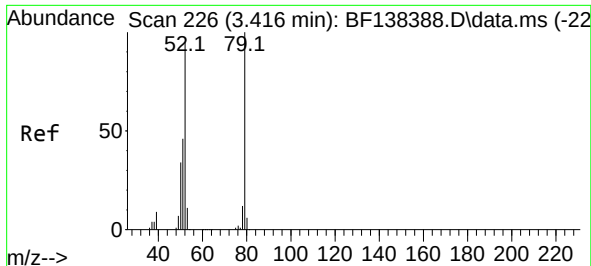
Tgt Ion:152 Resp: 193419
Ion Ratio Lower Upper
152 100
150 153.2 124.9 187.3
115 62.4 50.8 76.2



#2
1,4-Dioxane
Concen: 36.678 ng
RT: 2.746 min Scan# 112
Delta R.T. 0.082 min
Lab File: BF138423.D
Acq: 02 Jul 2024 12:10

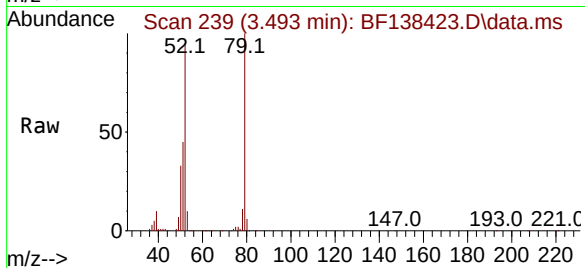
Tgt Ion: 88 Resp: 201548
Ion Ratio Lower Upper
88 100
58 90.5 73.7 110.5
43 36.5 30.1 45.1



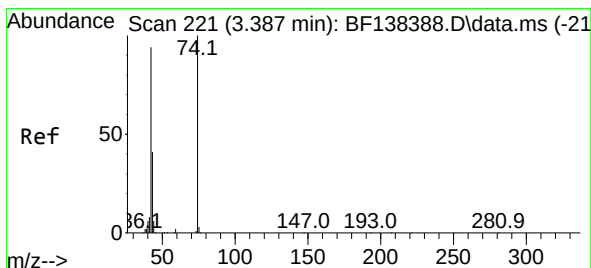
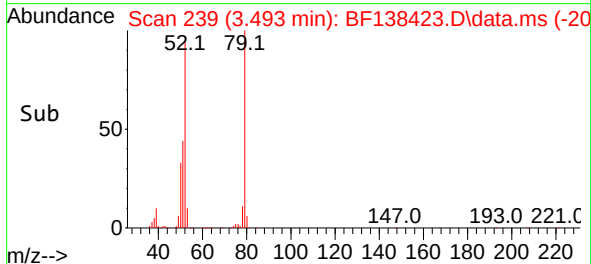
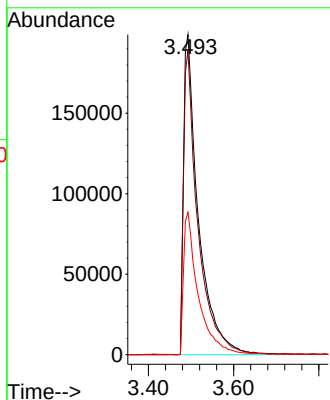


#3
Pyridine
Concen: 36.723 ng
RT: 3.493 min Scan# 21
Delta R.T. 0.076 min
Lab File: BF138423.D
Acq: 02 Jul 2024 12:10

Instrument :
BNA_F
ClientSampleId :
PB161833BS

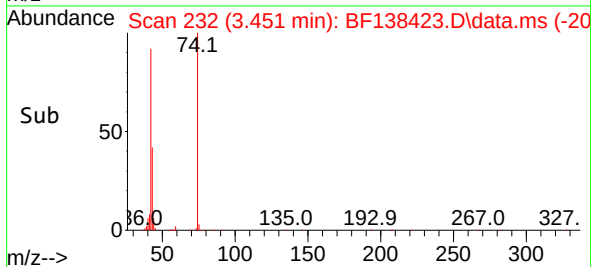
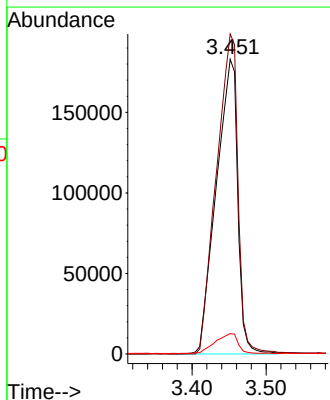
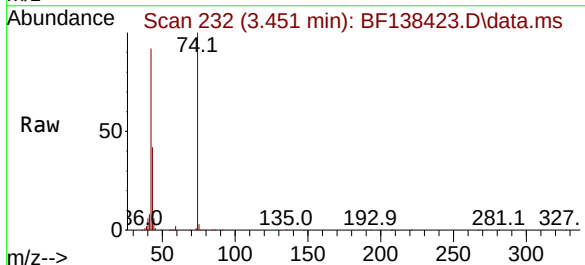


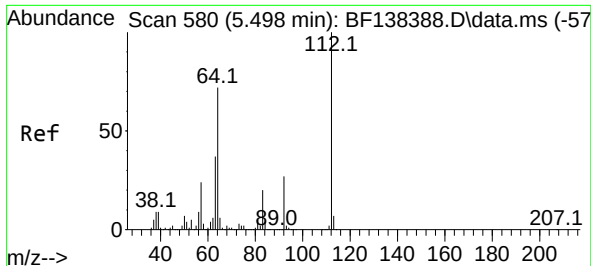
Tgt Ion: 79 Resp: 481416
Ion Ratio Lower Upper
79 100
52 95.1 76.2 114.2
51 44.5 36.7 55.1



#4
n-Nitrosodimethylamine
Concen: 45.026 ng
RT: 3.451 min Scan# 232
Delta R.T. 0.065 min
Lab File: BF138423.D
Acq: 02 Jul 2024 12:10

Tgt Ion: 42 Resp: 368247
Ion Ratio Lower Upper
42 100
74 108.6 85.1 127.7
44 6.9 5.5 8.3

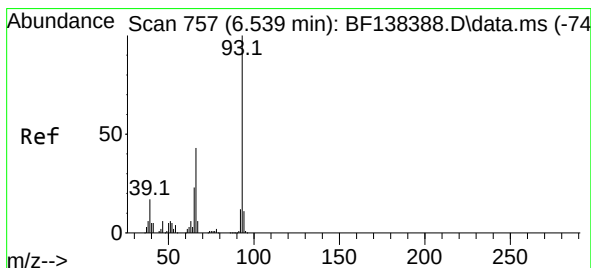
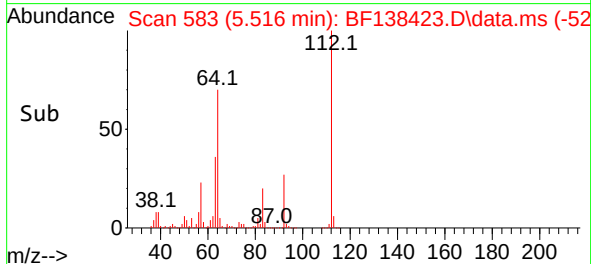
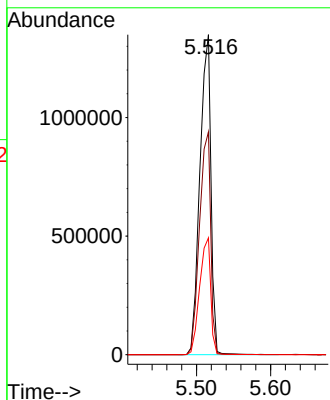
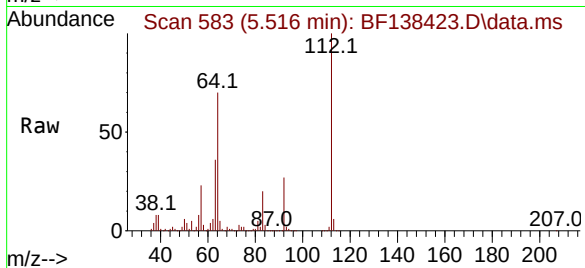




#5
2-Fluorophenol
Concen: 119.610 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF138423.D
Acq: 02 Jul 2024 12:10

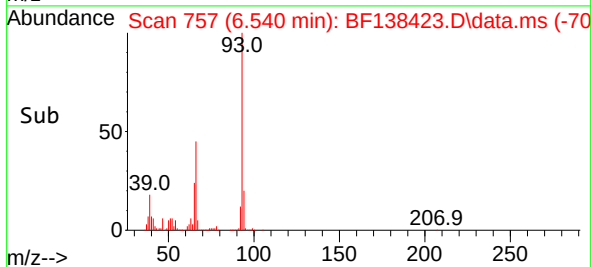
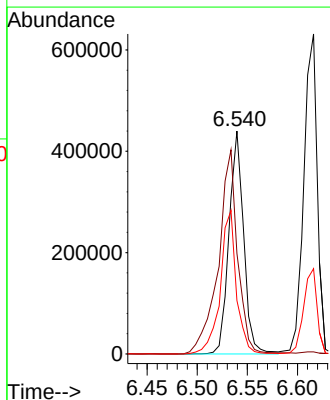
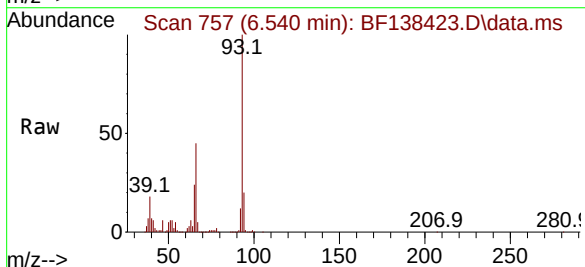
Instrument :
BNA_F
ClientSampleId :
PB161833BS

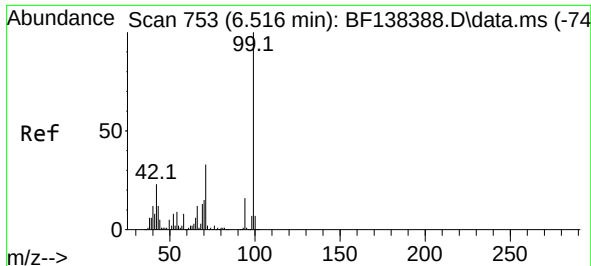
Tgt Ion:112 Resp: 1395390
Ion Ratio Lower Upper
112 100
64 69.6 57.2 85.8
63 36.5 29.4 44.0



#6
Aniline
Concen: 29.181 ng
RT: 6.540 min Scan# 757
Delta R.T. 0.000 min
Lab File: BF138423.D
Acq: 02 Jul 2024 12:10

Tgt Ion: 93 Resp: 447527
Ion Ratio Lower Upper
93 100
66 45.2 34.7 52.1
65 24.0 18.5 27.7



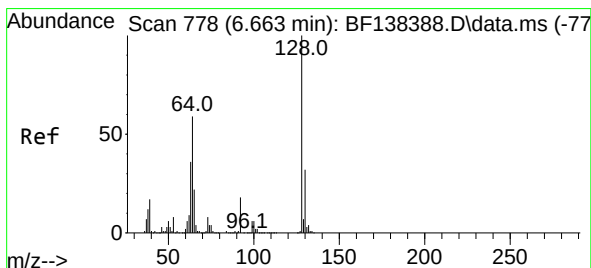
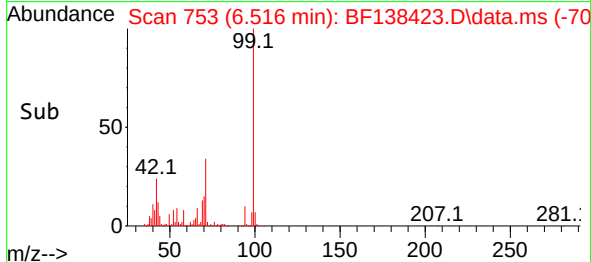
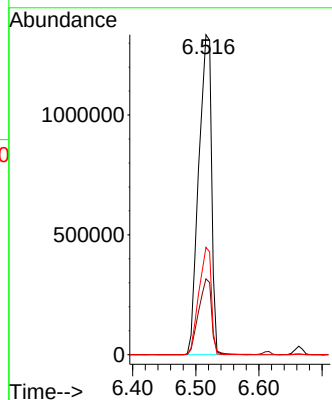
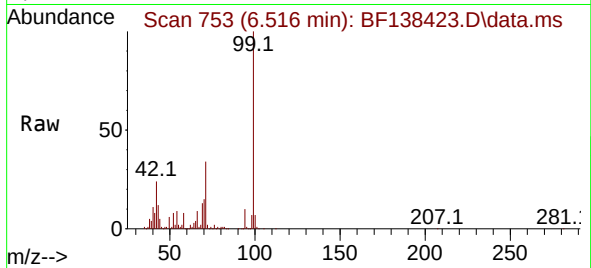


#7
Phenol-d6
Concen: 119.664 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF138423.D
Acq: 02 Jul 2024 12:10

Instrument :
BNA_F
ClientSampleId :
PB161833BS

Tgt Ion: 99 Resp: 1880577

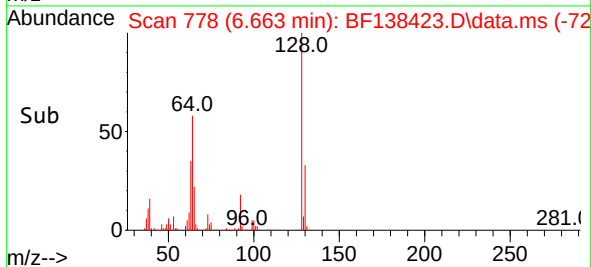
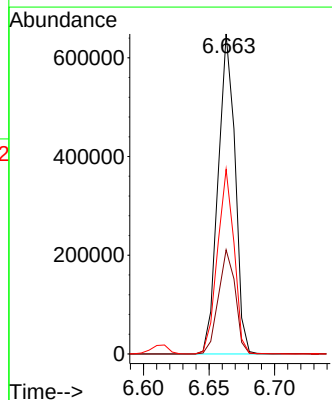
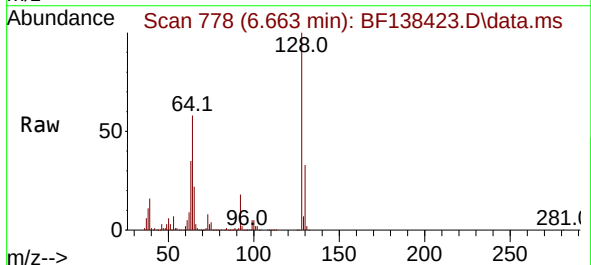
Ion	Ratio	Lower	Upper
99	100		
42	23.7	18.5	27.7
71	33.6	26.1	39.1

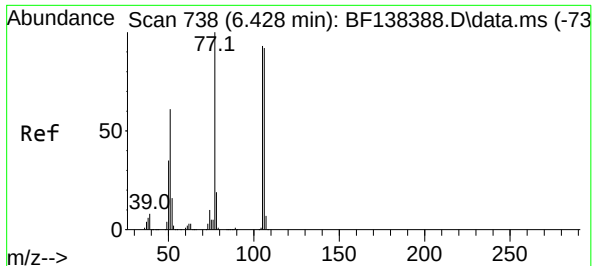


#8
2-Chlorophenol
Concen: 46.484 ng
RT: 6.663 min Scan# 778
Delta R.T. 0.000 min
Lab File: BF138423.D
Acq: 02 Jul 2024 12:10

Tgt Ion: 128 Resp: 582161

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.3	52.3
64	57.7	39.6	79.6

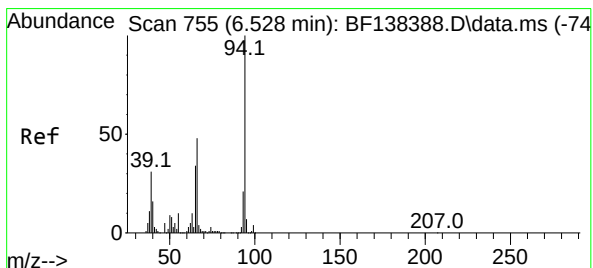
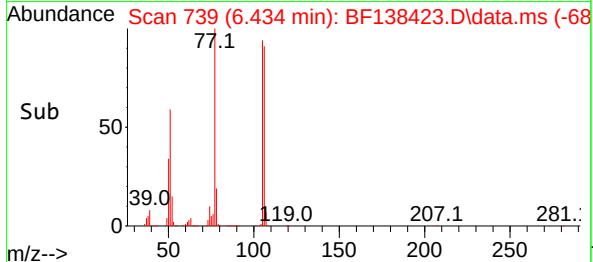
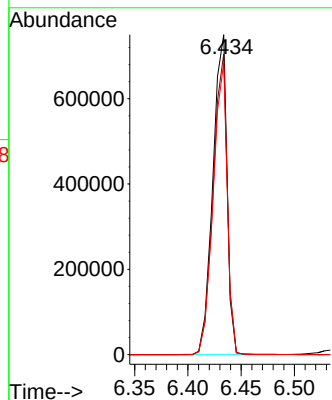
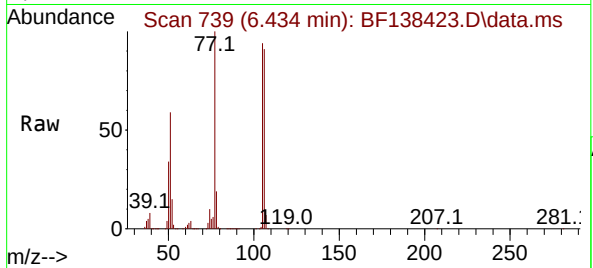




#9
Benzaldehyde
Concen: 71.573 ng
RT: 6.434 min Scan# 715
Delta R.T. 0.006 min
Lab File: BF138423.D
Acq: 02 Jul 2024 12:10

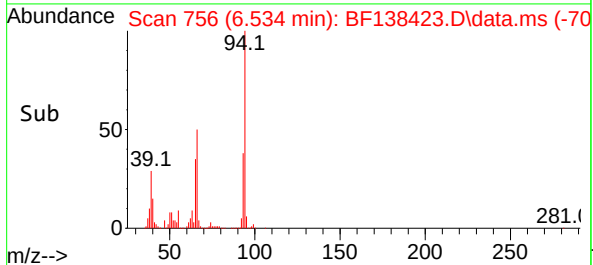
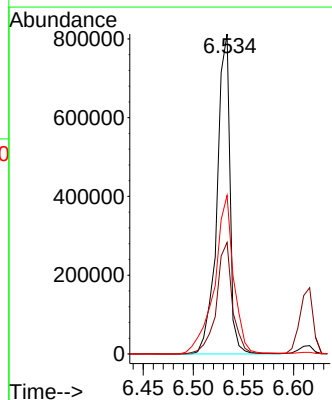
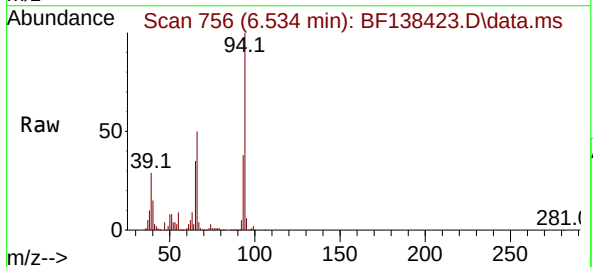
Instrument :
BNA_F
ClientSampleId :
PB161833BS

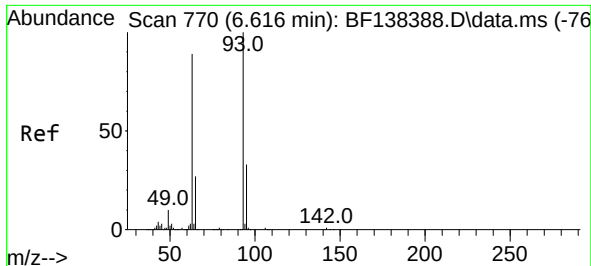
Tgt Ion: 77 Resp: 694241
Ion Ratio Lower Upper
77 100
105 94.0 73.2 113.2
106 91.1 71.5 111.5



#10
Phenol
Concen: 43.719 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.006 min
Lab File: BF138423.D
Acq: 02 Jul 2024 12:10

Tgt Ion: 94 Resp: 731991
Ion Ratio Lower Upper
94 100
65 34.8 14.2 54.2
66 49.6 27.9 67.9





#11

bis(2-Chloroethyl)ether

Concen: 44.380 ng

RT: 6.616 min Scan# 770

Delta R.T. 0.000 min

Lab File: BF138423.D

Acq: 02 Jul 2024 12:10

Instrument :

BNA_F

ClientSampleId :

PB161833BS

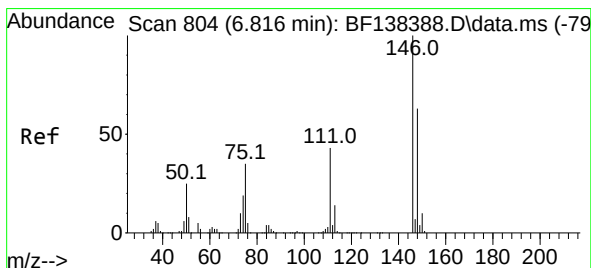
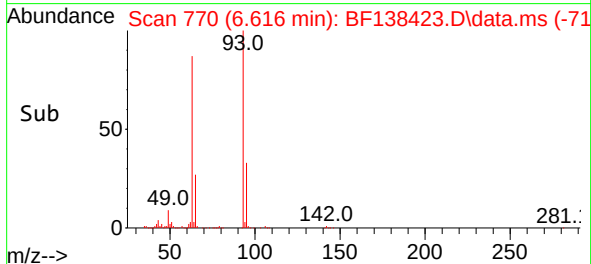
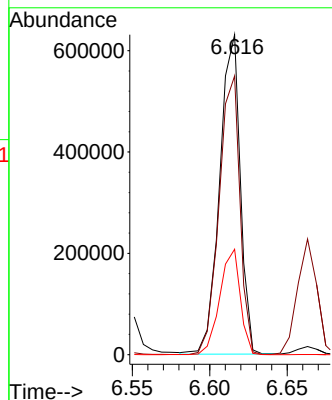
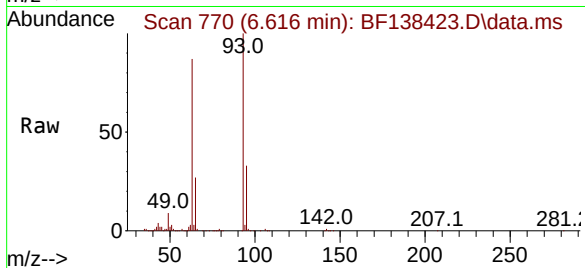
Tgt Ion: 93 Resp: 583600

Ion Ratio Lower Upper

93 100

63 87.1 68.2 108.2

95 32.9 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 40.187 ng

RT: 6.816 min Scan# 804

Delta R.T. 0.000 min

Lab File: BF138423.D

Acq: 02 Jul 2024 12:10

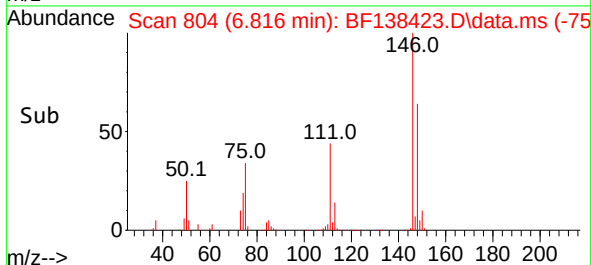
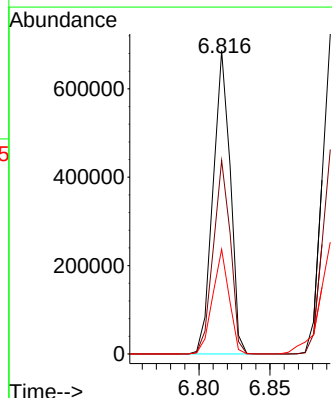
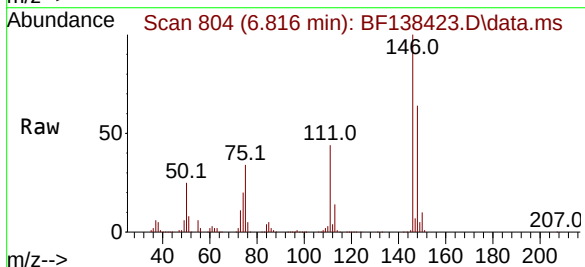
Tgt Ion:146 Resp: 576368

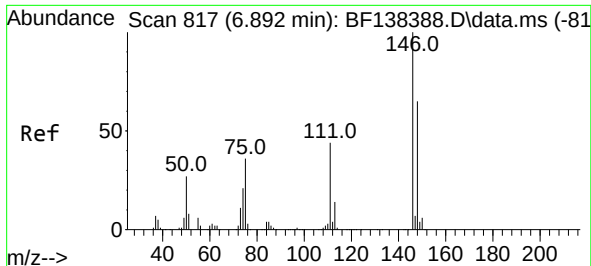
Ion Ratio Lower Upper

146 100

148 63.8 50.3 75.5

75 34.5 27.8 41.6

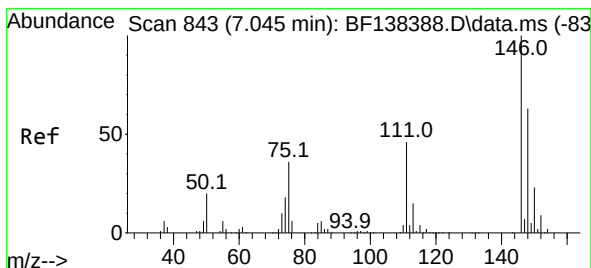
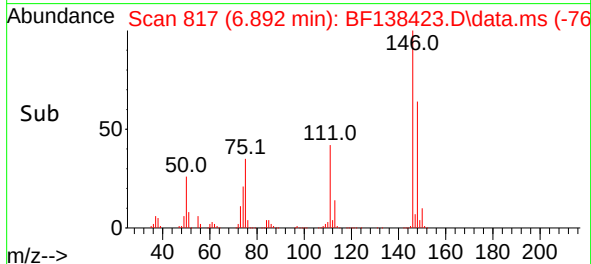
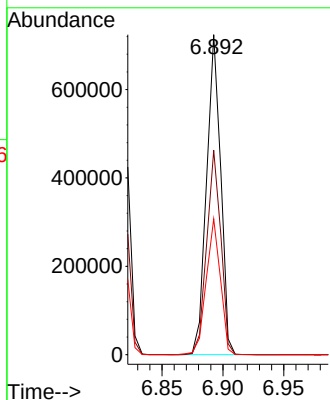
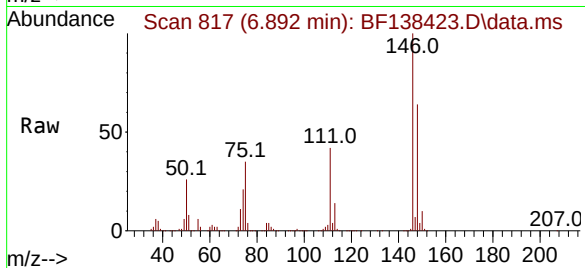




#13
1,4-Dichlorobenzene
Concen: 40.388 ng
RT: 6.892 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF138423.D
Acq: 02 Jul 2024 12:10

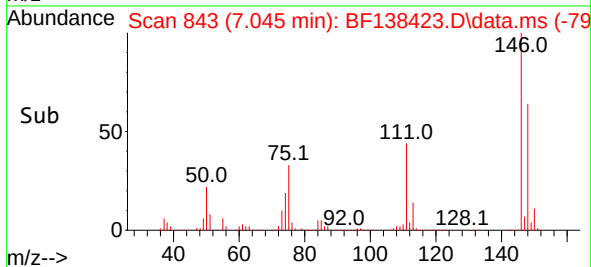
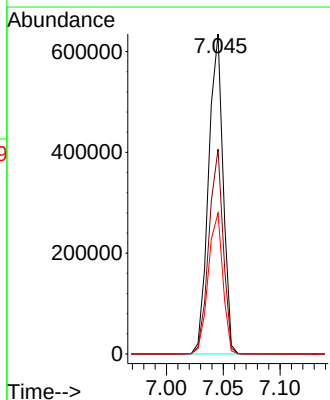
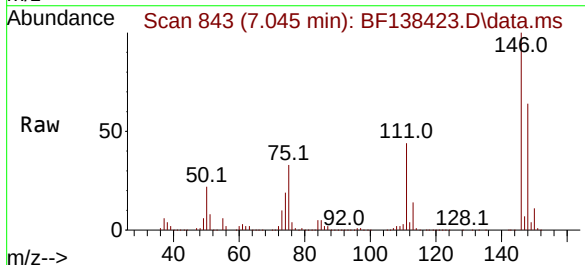
Instrument :
BNA_F
ClientSampleId :
PB161833BS

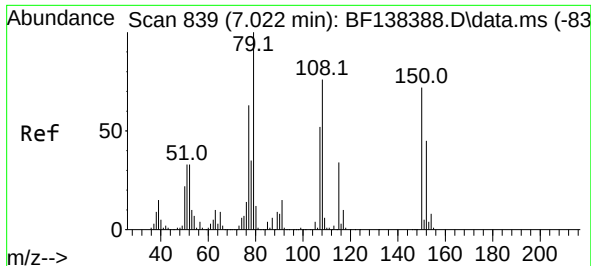
Tgt Ion:146 Resp: 580806
Ion Ratio Lower Upper
146 100
148 63.9 52.0 78.0
111 42.4 35.4 53.0



#14
1,2-Dichlorobenzene
Concen: 42.509 ng
RT: 7.045 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF138423.D
Acq: 02 Jul 2024 12:10

Tgt Ion:146 Resp: 564345
Ion Ratio Lower Upper
146 100
148 64.0 50.3 75.5
111 44.1 37.1 55.7

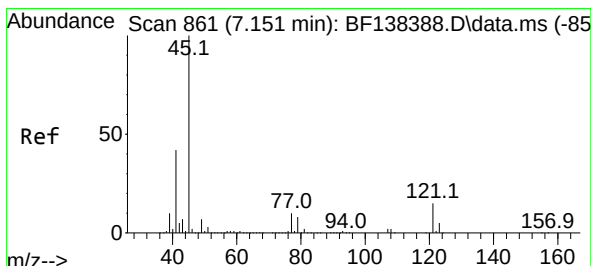
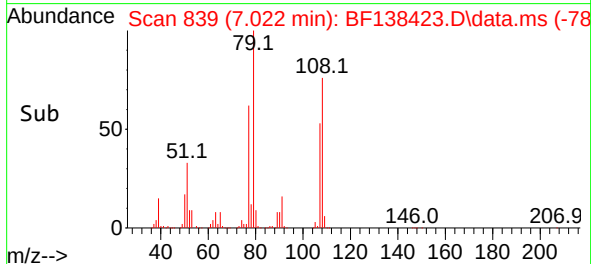
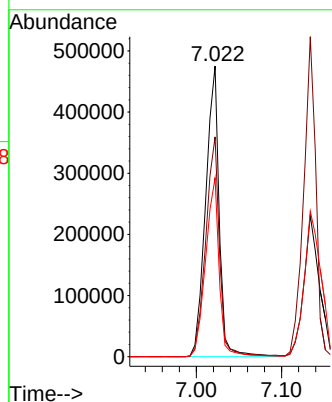
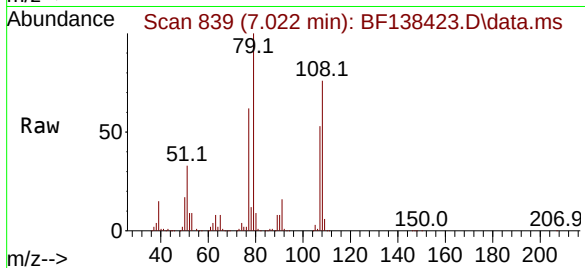




#15
Benzyl Alcohol
Concen: 46.739 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF138423.D
Acq: 02 Jul 2024 12:10

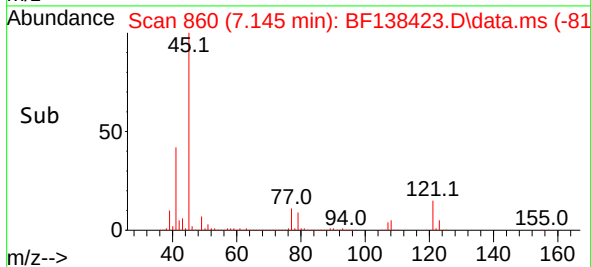
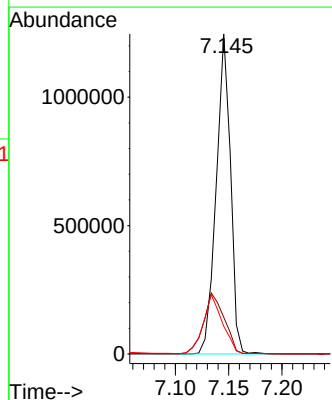
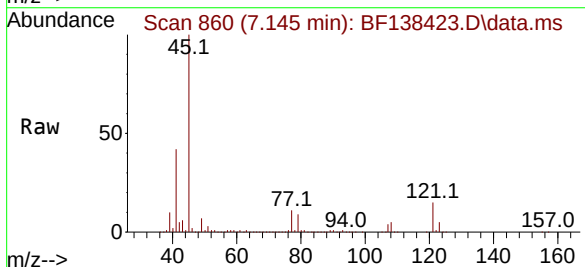
Instrument :
BNA_F
ClientSampleId :
PB161833BS

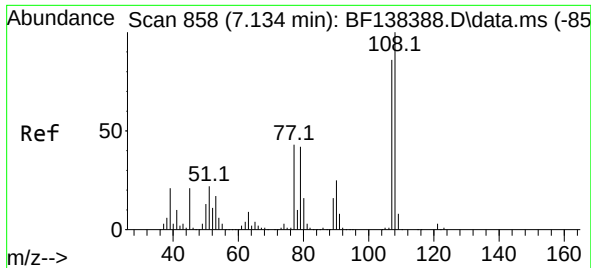
Tgt Ion: 79 Resp: 526108
Ion Ratio Lower Upper
79 100
108 75.6 60.9 91.3
77 61.5 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.587 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF138423.D
Acq: 02 Jul 2024 12:10

Tgt Ion: 45 Resp: 1156117
Ion Ratio Lower Upper
45 100
77 11.5 0.0 30.4
79 8.7 0.0 28.1

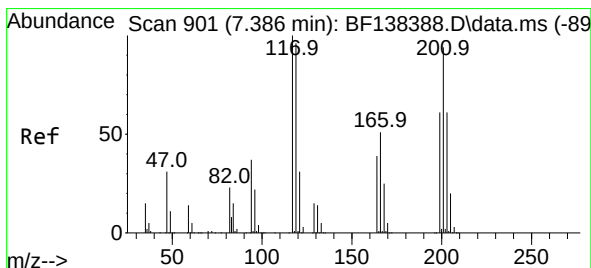
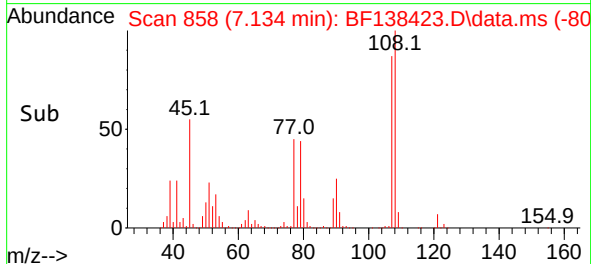
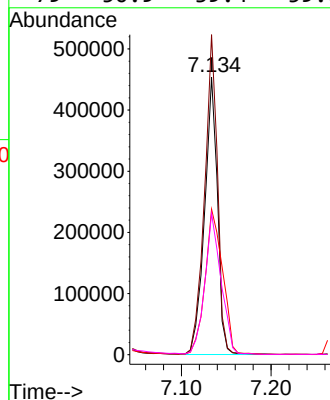
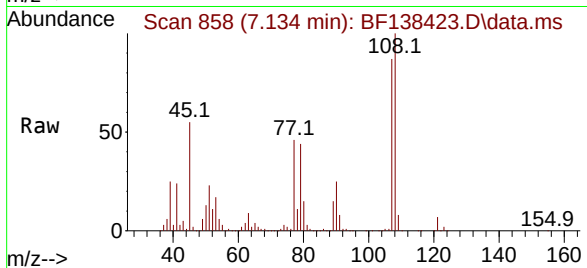




#17
2-Methylphenol
Concen: 43.776 ng
RT: 7.134 min Scan# 858
Delta R.T. 0.000 min
Lab File: BF138423.D
Acq: 02 Jul 2024 12:10

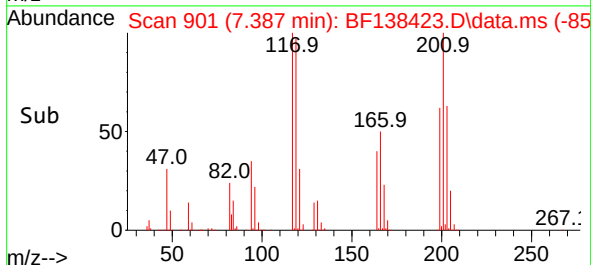
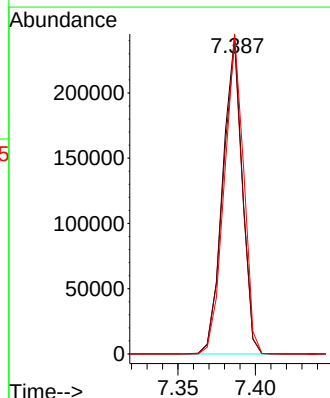
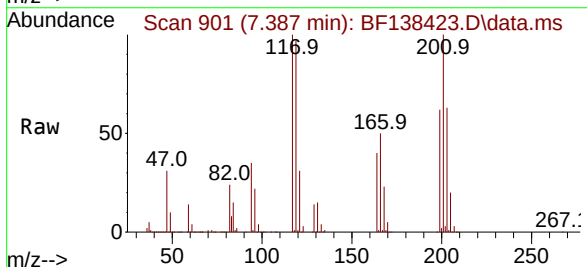
Instrument :
BNA_F
ClientSampleId :
PB161833BS

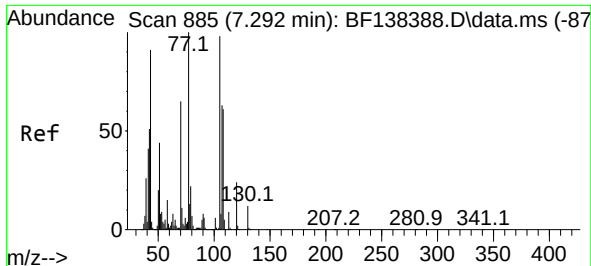
Tgt Ion:	107	Resp:	454375
Ion	Ratio	Lower	Upper
107	100		
108	115.4	92.6	138.8
77	52.5	40.3	60.5
79	50.9	39.4	59.0



#18
Hexachloroethane
Concen: 40.989 ng
RT: 7.387 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF138423.D
Acq: 02 Jul 2024 12:10

Tgt Ion:	117	Resp:	212610
Ion	Ratio	Lower	Upper
117	100		
119	97.7	77.1	115.7
201	100.4	75.6	113.4



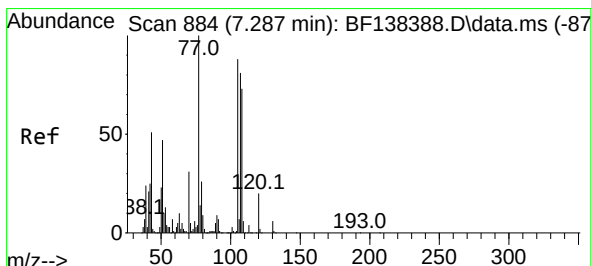
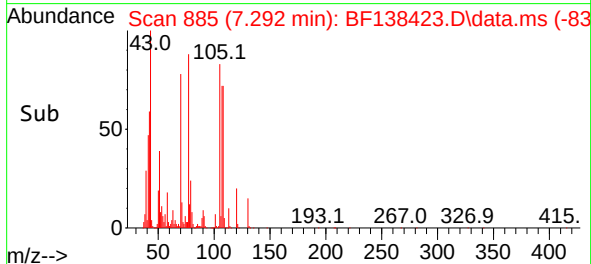
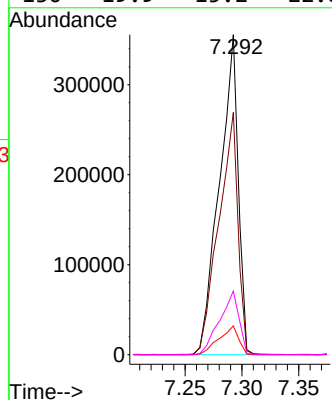
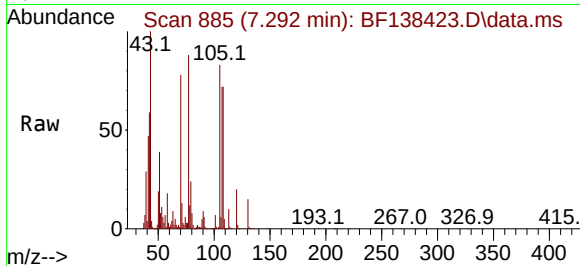


#19
n-Nitroso-di-n-propylamine
Concen: 41.478 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF138423.D
Acq: 02 Jul 2024 12:10

Instrument :
BNA_F
ClientSampleId :
PB161833BS

Tgt Ion: 70 Resp: 410933

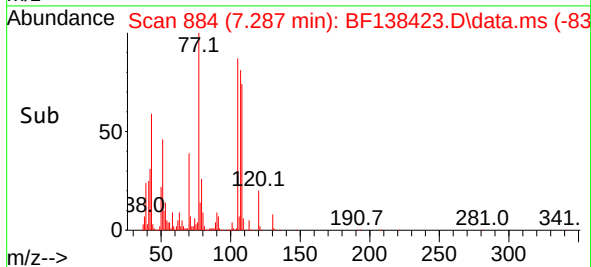
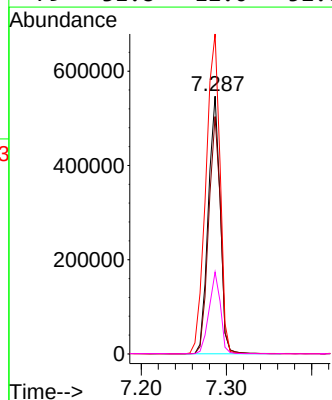
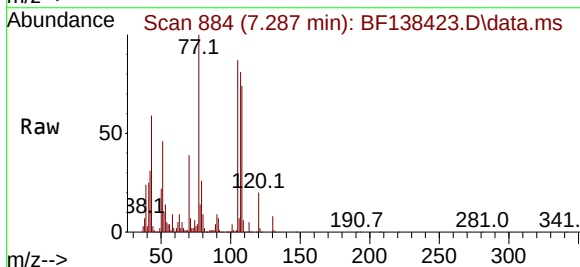
Ion	Ratio	Lower	Upper
70	100		
42	75.7	62.5	93.7
101	9.0	7.0	10.4
130	19.9	15.2	22.8

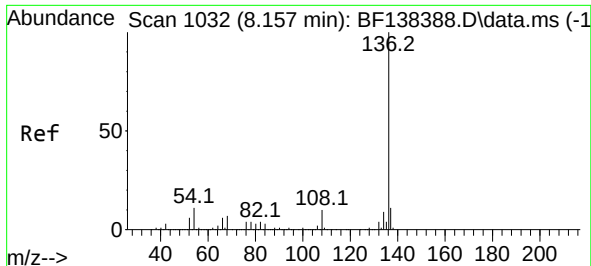


#20
3+4-Methylphenols
Concen: 43.854 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF138423.D
Acq: 02 Jul 2024 12:10

Tgt Ion: 107 Resp: 528875

Ion	Ratio	Lower	Upper
107	100		
108	92.1	70.8	110.8
77	124.1	104.0	144.0
79	31.8	12.0	52.0

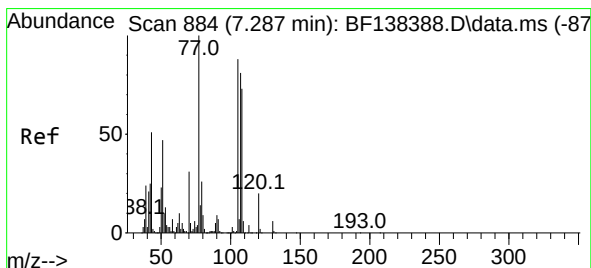
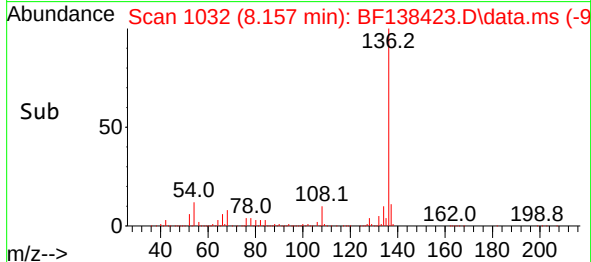
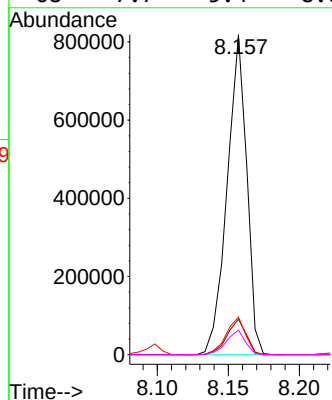
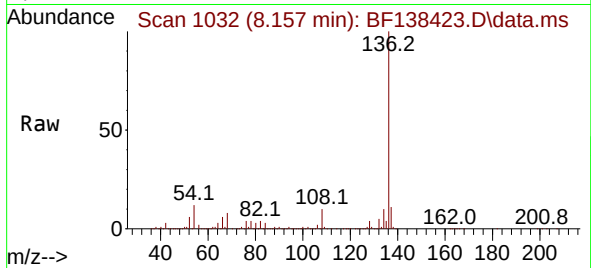




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF138423.D
Acq: 02 Jul 2024 12:10

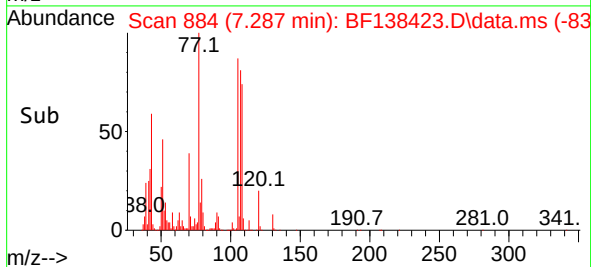
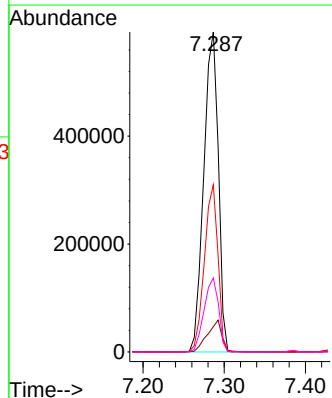
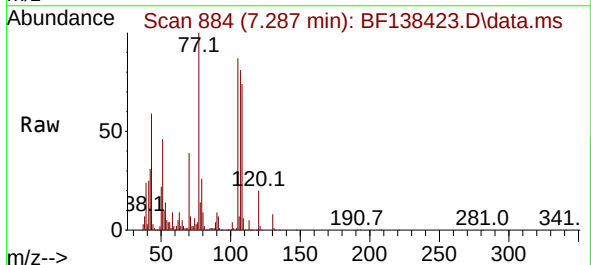
Instrument :
BNA_F
ClientSampleId :
PB161833BS

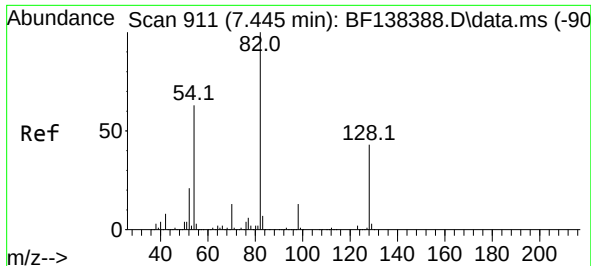
Tgt Ion:136 Resp: 783773
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 11.7 9.0 13.4
68 7.7 5.4 8.0



#22
Acetophenone
Concen: 41.438 ng
RT: 7.287 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF138423.D
Acq: 02 Jul 2024 12:10

Tgt Ion:105 Resp: 736807
Ion Ratio Lower Upper
105 100
71 7.9 4.7 7.1#
51 52.2 43.2 64.8
120 23.1 18.5 27.7





#23

Nitrobenzene-d5

Concen: 80.753 ng

RT: 7.445 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF138423.D

Acq: 02 Jul 2024 12:10

Instrument :

BNA_F

ClientSampleId :

PB161833BS

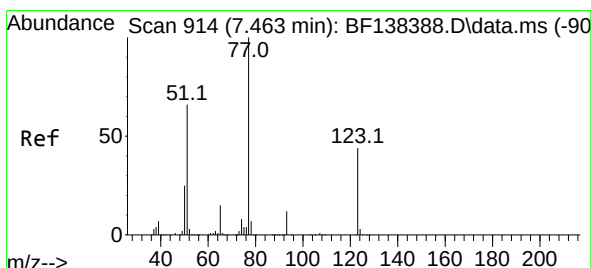
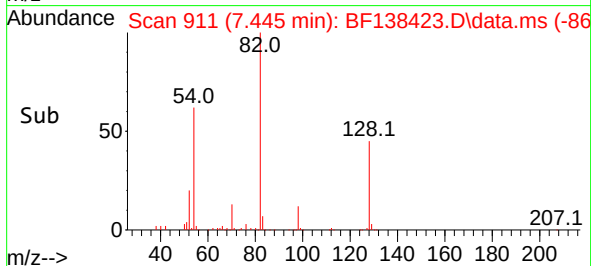
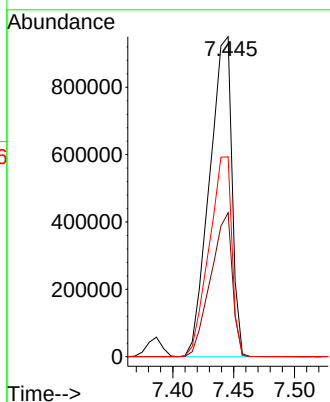
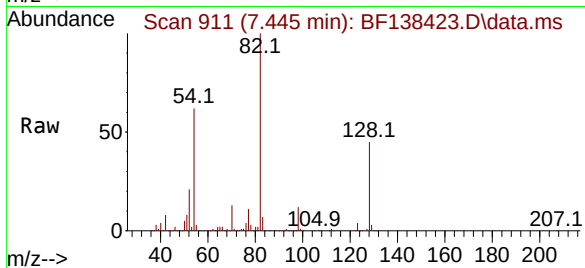
Tgt Ion: 82 Resp: 1218382

Ion Ratio Lower Upper

82 100

128 44.9 34.6 52.0

54 62.5 50.5 75.7



#24

Nitrobenzene

Concen: 41.427 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.006 min

Lab File: BF138423.D

Acq: 02 Jul 2024 12:10

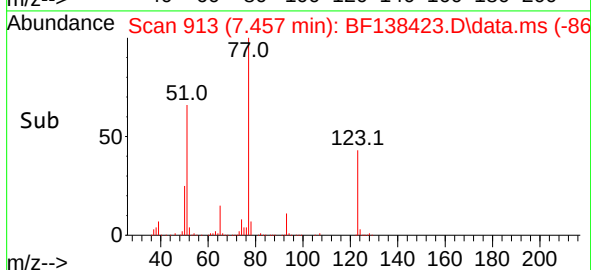
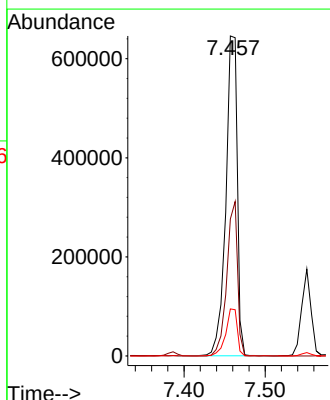
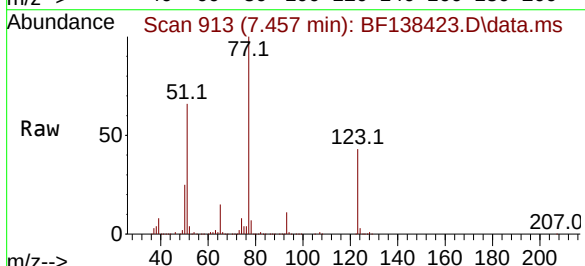
Tgt Ion: 77 Resp: 635737

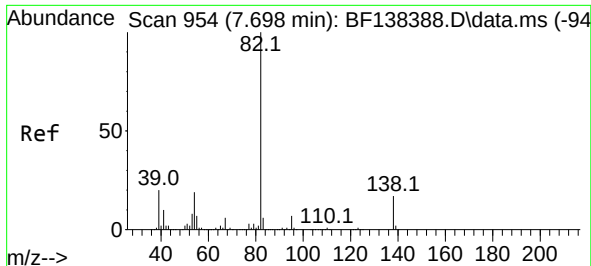
Ion Ratio Lower Upper

77 100

123 42.8 35.0 52.6

65 14.7 12.1 18.1

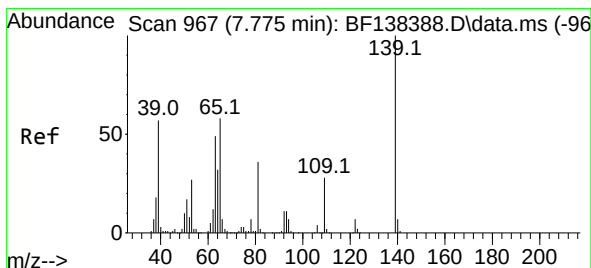
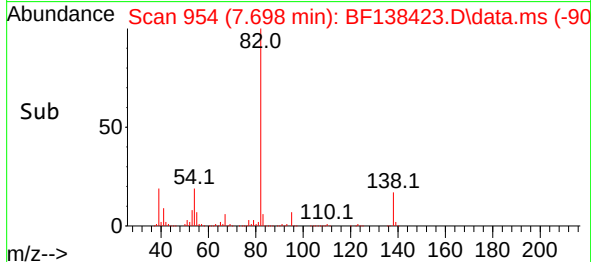
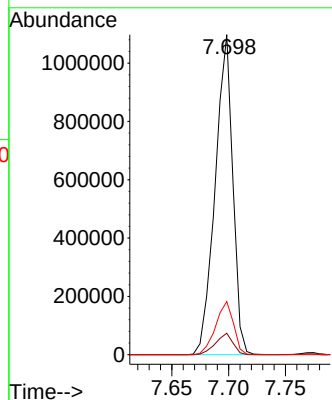
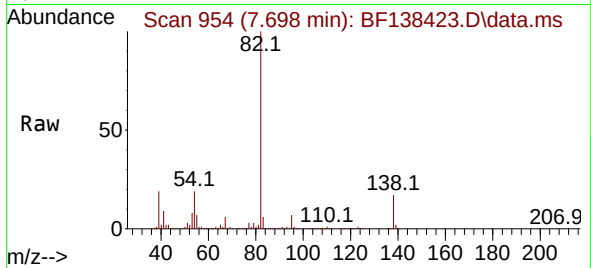




#25
Isophorone
Concen: 42.642 ng
RT: 7.698 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF138423.D
Acq: 02 Jul 2024 12:10

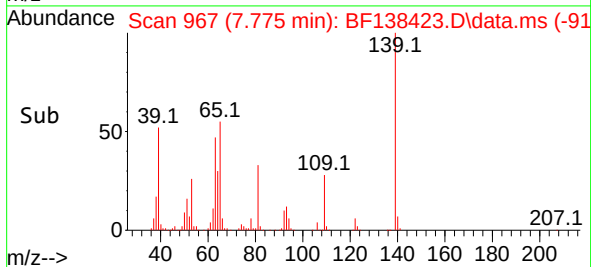
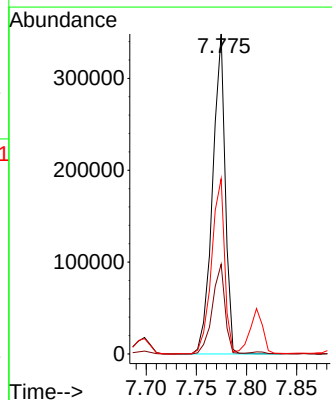
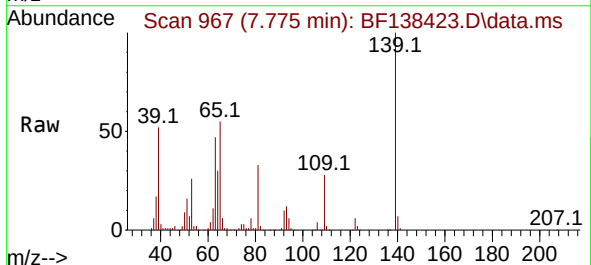
Instrument :
BNA_F
ClientSampleId :
PB161833BS

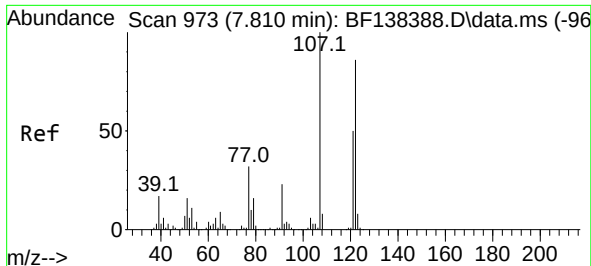
Tgt Ion: 82 Resp: 1186306
Ion Ratio Lower Upper
82 100
95 6.7 5.7 8.5
138 16.6 13.4 20.2



#26
2-Nitrophenol
Concen: 46.397 ng
RT: 7.775 min Scan# 967
Delta R.T. 0.000 min
Lab File: BF138423.D
Acq: 02 Jul 2024 12:10

Tgt Ion:139 Resp: 307110
Ion Ratio Lower Upper
139 100
109 28.1 22.5 33.7
65 54.7 46.2 69.2





#27

2,4-Dimethylphenol

Concen: 48.341 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF138423.D

Acq: 02 Jul 2024 12:10

Instrument :

BNA_F

ClientSampleId :

PB161833BS

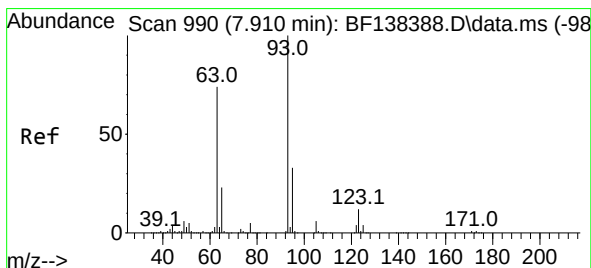
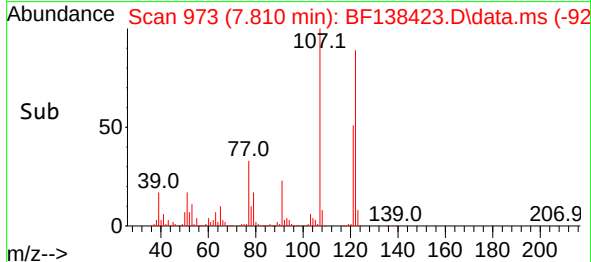
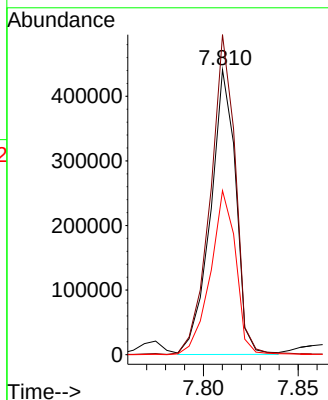
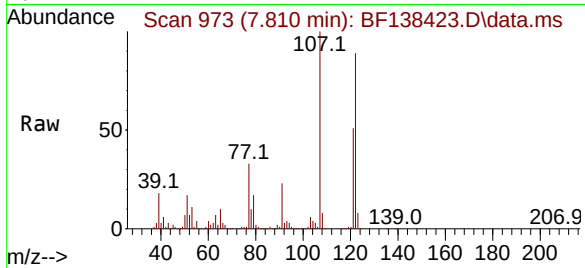
Tgt Ion:122 Resp: 409519

Ion Ratio Lower Upper

122 100

107 112.3 92.5 138.7

121 57.6 46.5 69.7



#28

bis(2-Chloroethoxy)methane

Concen: 42.529 ng

RT: 7.904 min Scan# 989

Delta R.T. -0.006 min

Lab File: BF138423.D

Acq: 02 Jul 2024 12:10

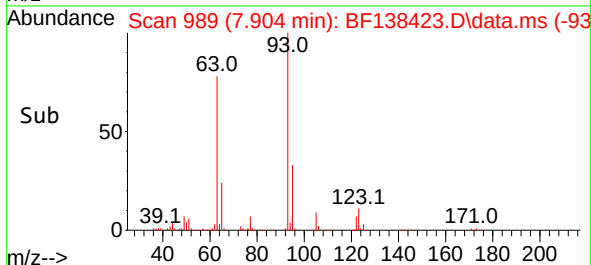
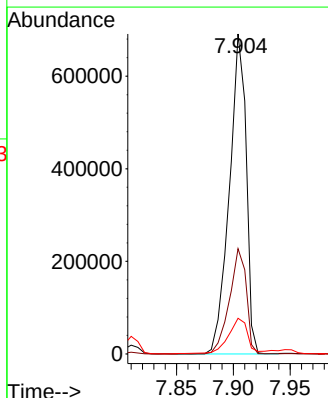
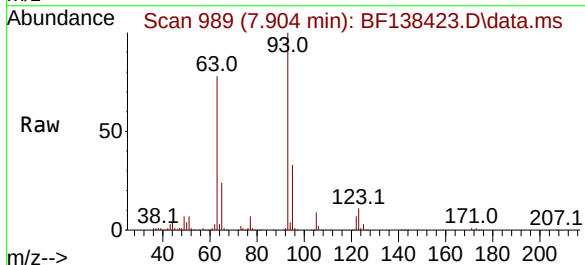
Tgt Ion: 93 Resp: 712163

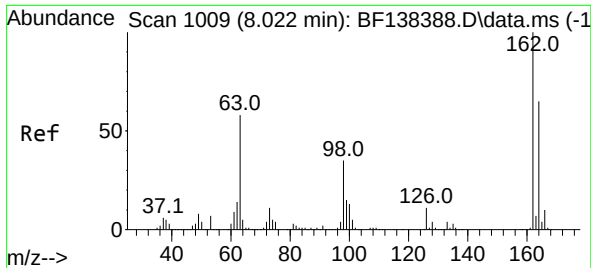
Ion Ratio Lower Upper

93 100

95 32.9 26.6 40.0

123 11.2 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 42.886 ng

RT: 8.016 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF138423.D

Acq: 02 Jul 2024 12:10

Instrument :

BNA_F

ClientSampleId :

PB161833BS

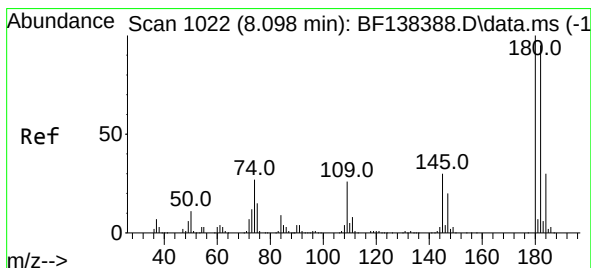
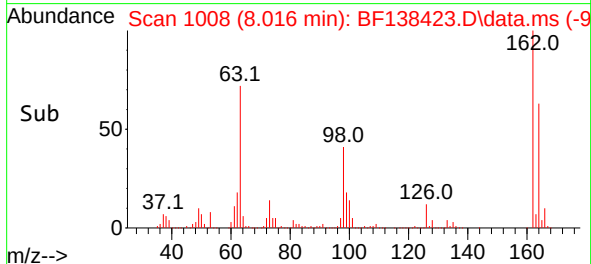
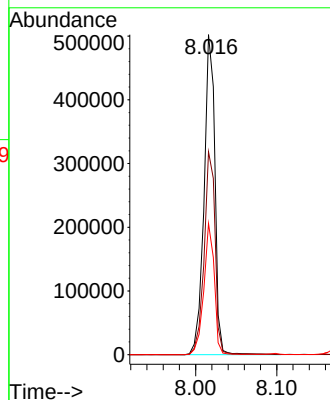
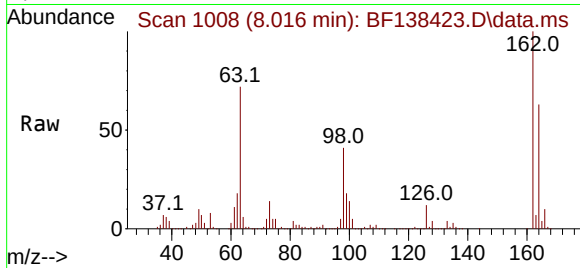
Tgt Ion:162 Resp: 466627

Ion Ratio Lower Upper

162 100

164 63.4 45.4 85.4

98 41.0 15.2 55.2



#30

1,2,4-Trichlorobenzene

Concen: 39.628 ng

RT: 8.098 min Scan# 1022

Delta R.T. 0.000 min

Lab File: BF138423.D

Acq: 02 Jul 2024 12:10

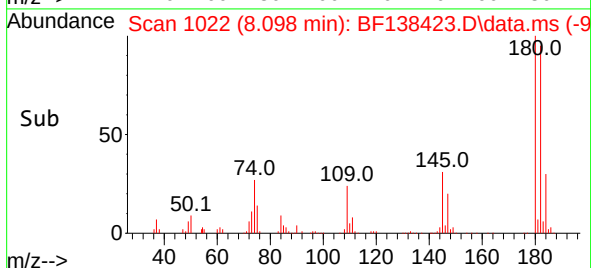
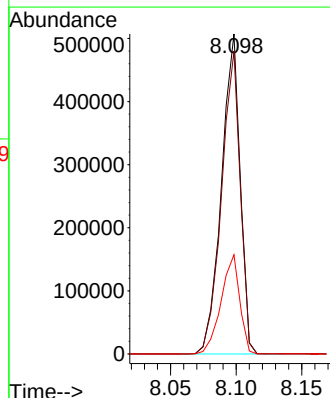
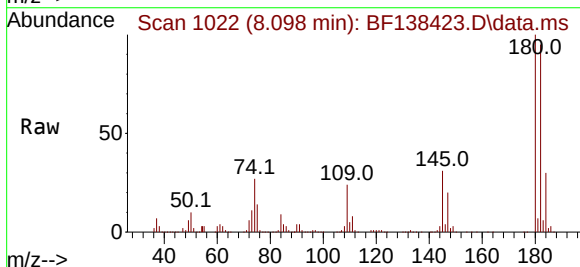
Tgt Ion:180 Resp: 501330

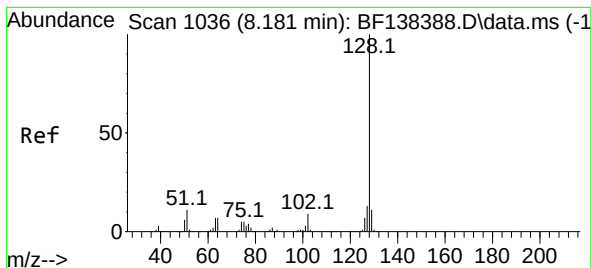
Ion Ratio Lower Upper

180 100

182 94.6 76.0 114.0

145 31.0 24.2 36.2





#31

Naphthalene

Concen: 41.136 ng

RT: 8.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138423.D

Acq: 02 Jul 2024 12:10

Instrument :

BNA_F

ClientSampleId :

PB161833BS

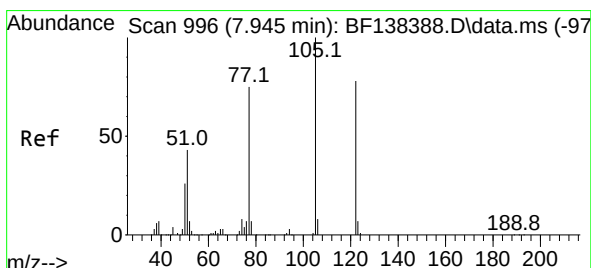
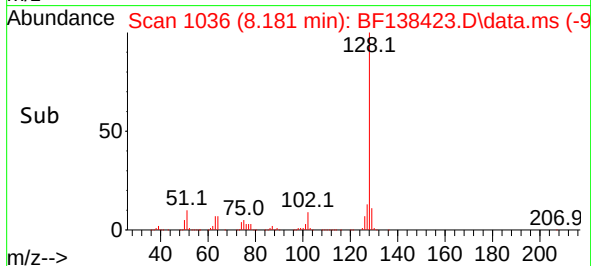
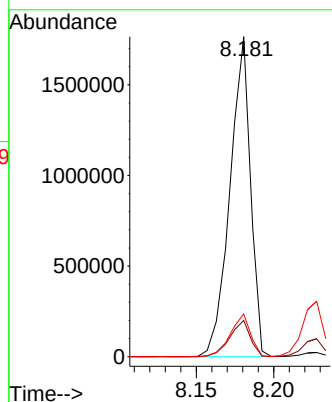
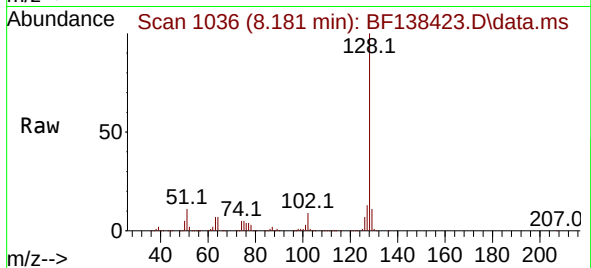
Tgt Ion:128 Resp: 1629896

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.6

127 13.3 10.6 16.0



#32

Benzoic acid

Concen: 45.581 ng

RT: 7.951 min Scan# 997

Delta R.T. 0.006 min

Lab File: BF138423.D

Acq: 02 Jul 2024 12:10

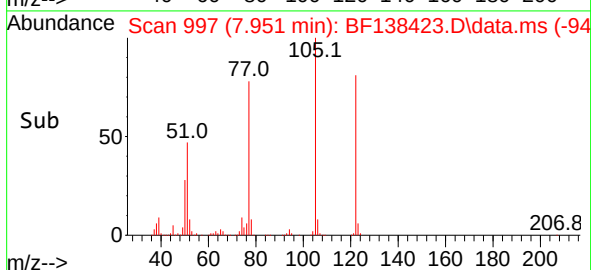
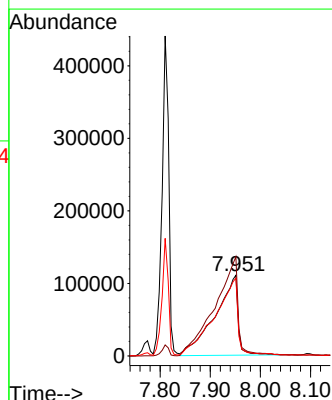
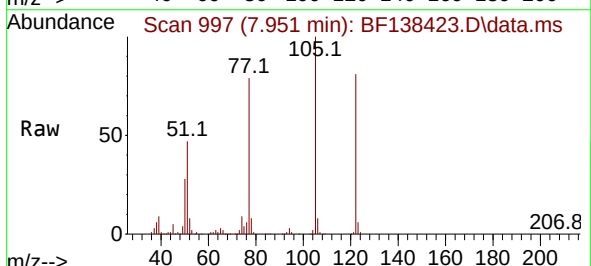
Tgt Ion:122 Resp: 351195

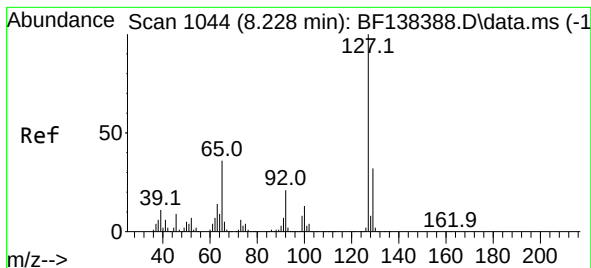
Ion Ratio Lower Upper

122 100

105 123.2 103.8 143.8

77 96.7 74.3 114.3





#33

4-Chloroaniline

Concen: 22.998 ng

RT: 8.228 min Scan# 1044

Delta R.T. 0.000 min

Lab File: BF138423.D

Acq: 02 Jul 2024 12:10

Instrument :

BNA_F

ClientSampleId :

PB161833BS

Tgt Ion:127 Resp: 318238

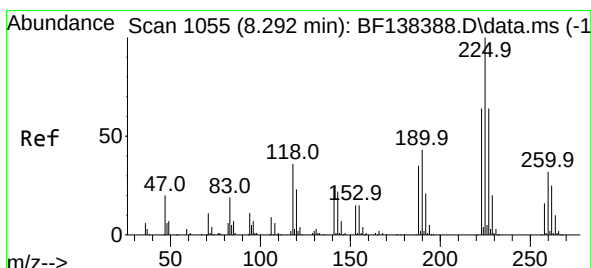
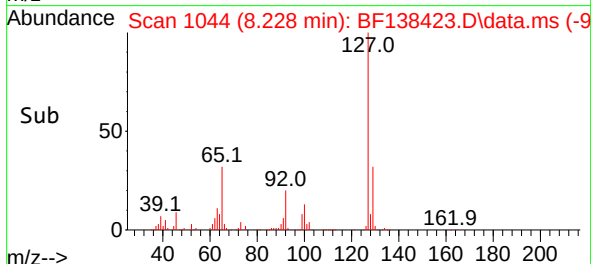
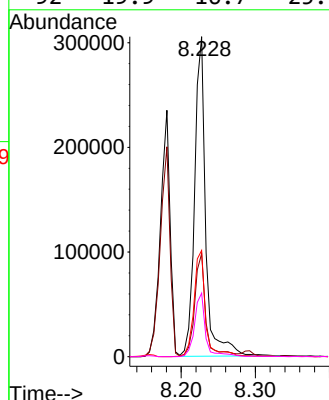
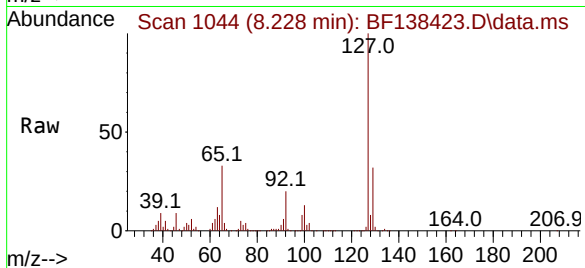
Ion Ratio Lower Upper

127 100

129 32.2 25.4 38.2

65 33.2 28.7 43.1

92 19.9 16.7 25.1



#34

Hexachlorobutadiene

Concen: 37.482 ng

RT: 8.292 min Scan# 1055

Delta R.T. 0.000 min

Lab File: BF138423.D

Acq: 02 Jul 2024 12:10

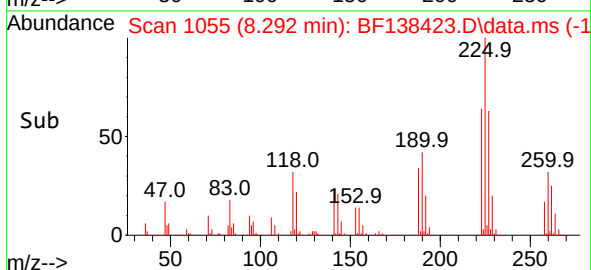
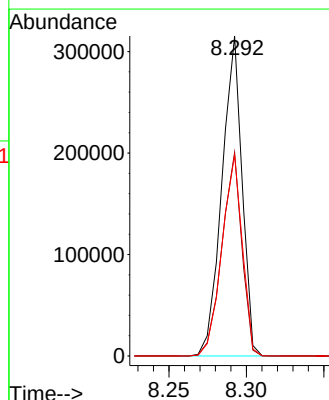
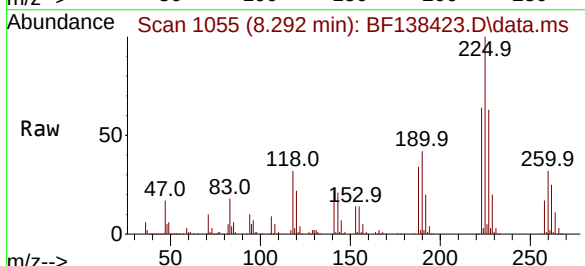
Tgt Ion:225 Resp: 284694

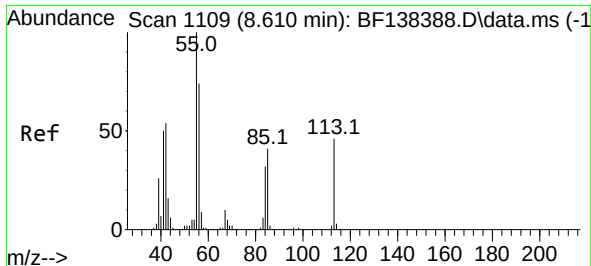
Ion Ratio Lower Upper

225 100

223 63.6 51.0 76.6

227 62.9 51.2 76.8

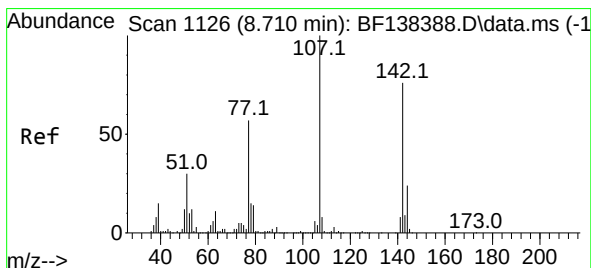
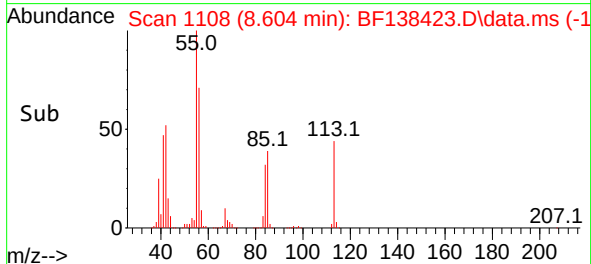
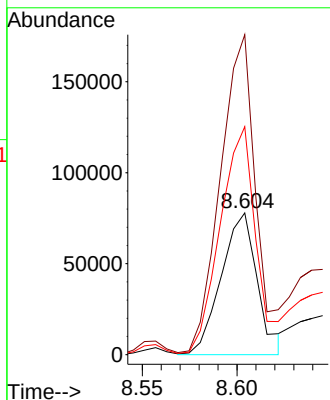
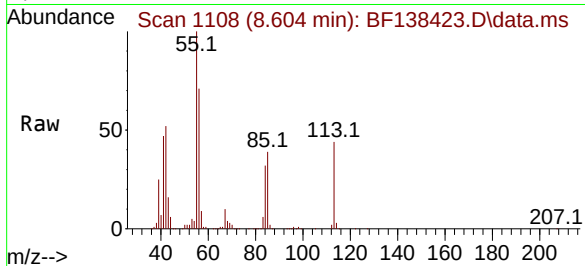




#35
Caprolactam
Concen: 29.967 ng
RT: 8.604 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BF138423.D
Acq: 02 Jul 2024 12:10

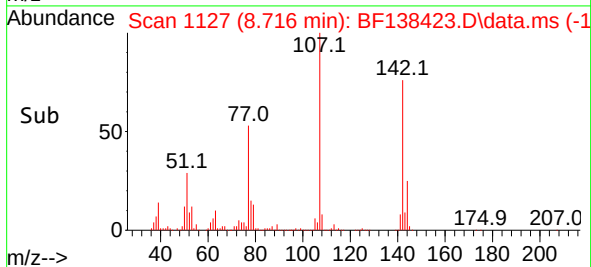
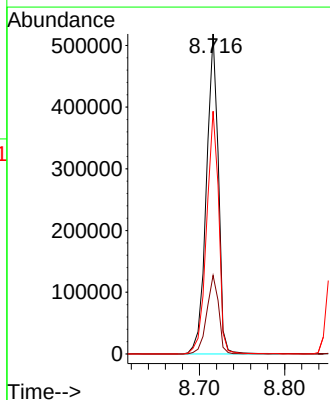
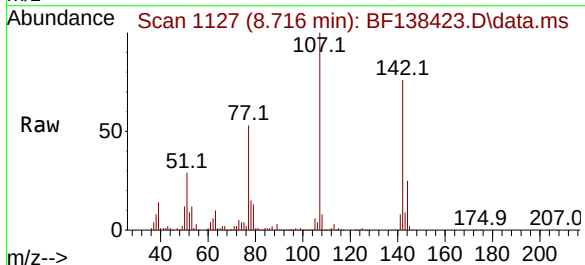
Instrument :
BNA_F
ClientSampleId :
PB161833BS

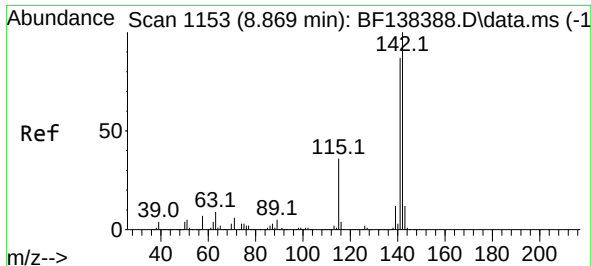
Tgt Ion:113 Resp: 102961
Ion Ratio Lower Upper
113 100
55 225.6 195.9 235.9
56 160.8 138.7 178.7



#36
4-Chloro-3-methylphenol
Concen: 43.499 ng
RT: 8.716 min Scan# 1127
Delta R.T. 0.006 min
Lab File: BF138423.D
Acq: 02 Jul 2024 12:10

Tgt Ion:107 Resp: 504138
Ion Ratio Lower Upper
107 100
144 24.6 19.2 28.8
142 75.9 61.0 91.6





#37

2-Methylnaphthalene

Concen: 41.044 ng

RT: 8.869 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF138423.D

Acq: 02 Jul 2024 12:10

Instrument :

BNA_F

ClientSampleId :

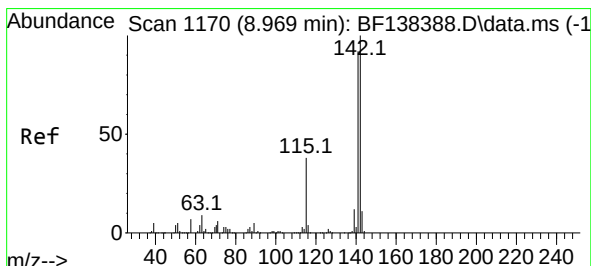
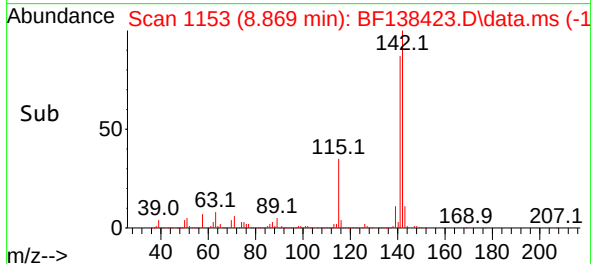
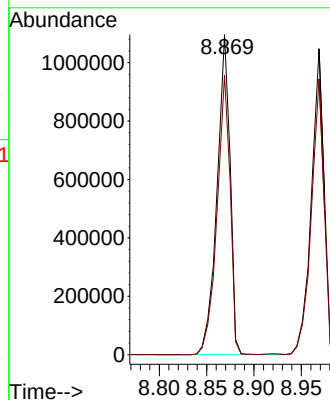
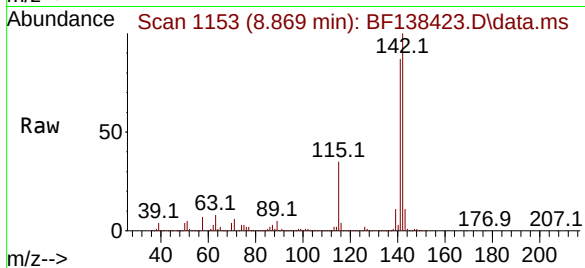
PB161833BS

Tgt Ion:142 Resp: 1051045

Ion Ratio Lower Upper

142 100

141 87.3 69.6 104.4



#38

1-Methylnaphthalene

Concen: 39.239 ng

RT: 8.969 min Scan# 1170

Delta R.T. 0.000 min

Lab File: BF138423.D

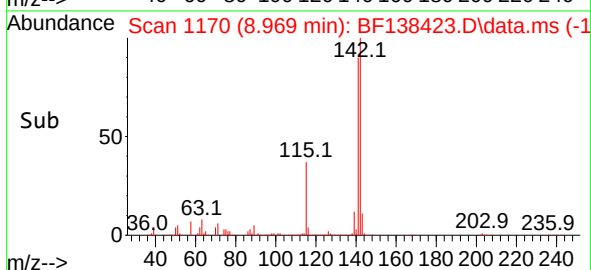
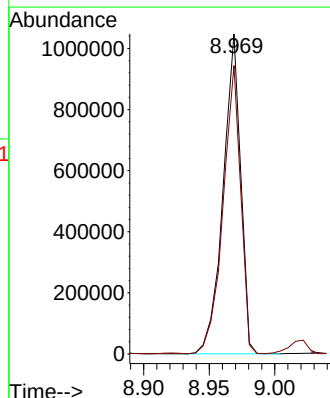
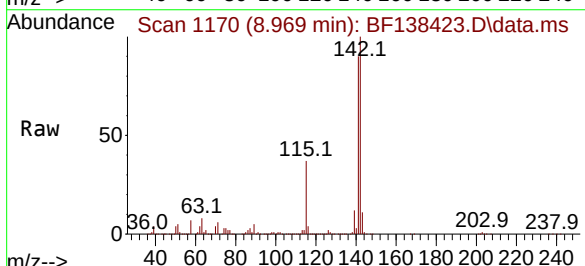
Acq: 02 Jul 2024 12:10

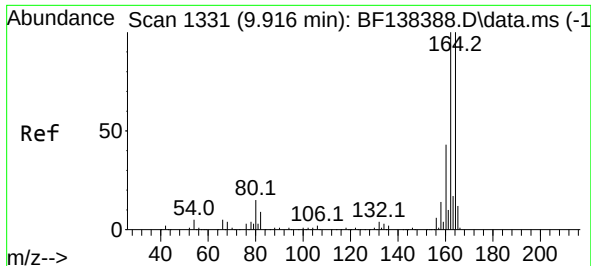
Tgt Ion:142 Resp: 974472

Ion Ratio Lower Upper

142 100

141 90.2 73.7 110.5

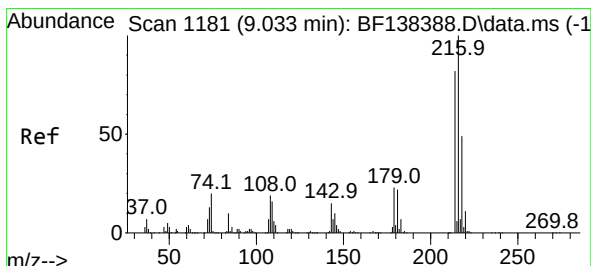
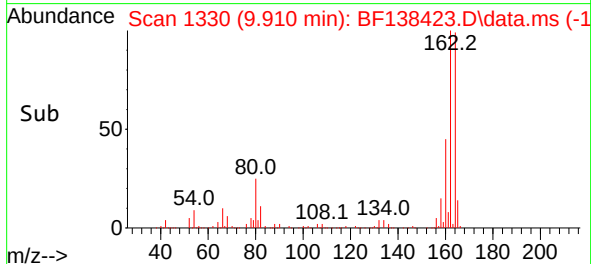
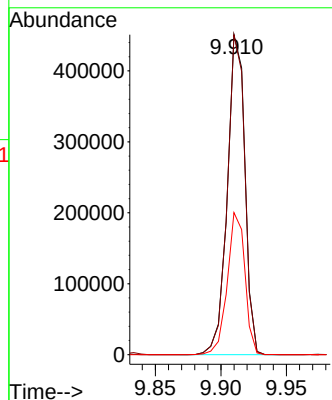
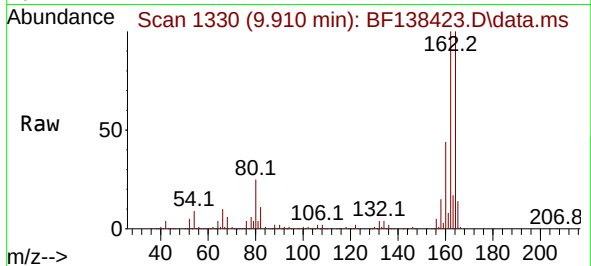




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF138423.D
Acq: 02 Jul 2024 12:10

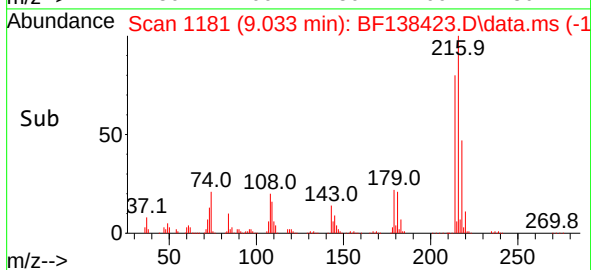
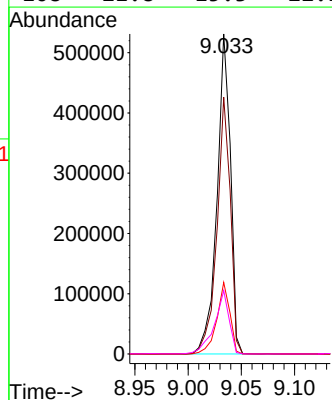
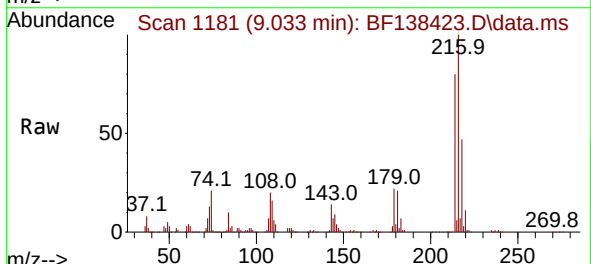
Instrument :
BNA_F
ClientSampleId :
PB161833BS

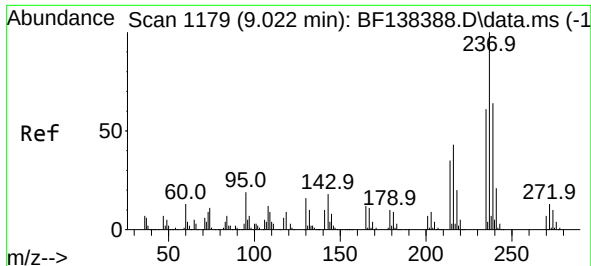
Tgt Ion:164 Resp: 421613
Ion Ratio Lower Upper
164 100
162 99.9 80.1 120.1
160 44.4 34.1 51.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.797 ng
RT: 9.033 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF138423.D
Acq: 02 Jul 2024 12:10

Tgt Ion:216 Resp: 464102
Ion Ratio Lower Upper
216 100
214 79.9 64.2 96.4
179 21.7 17.4 26.0
108 21.8 15.3 22.9

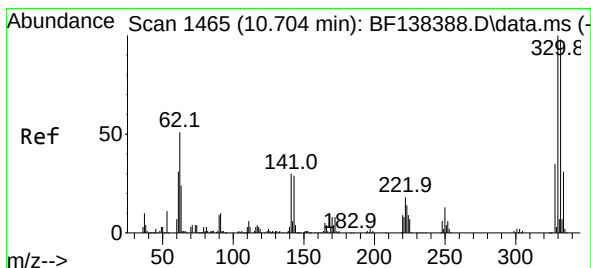
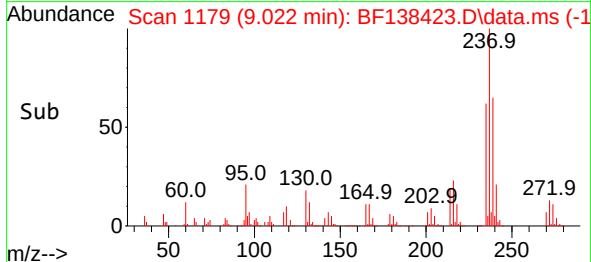
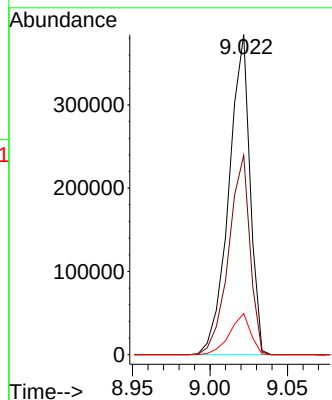
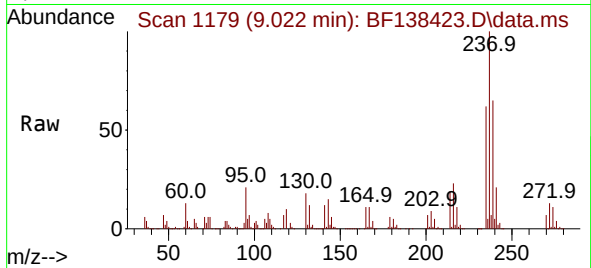




#41
Hexachlorocyclopentadiene
Concen: 106.373 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF138423.D
Acq: 02 Jul 2024 12:10

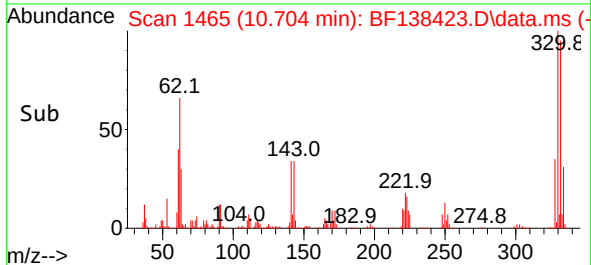
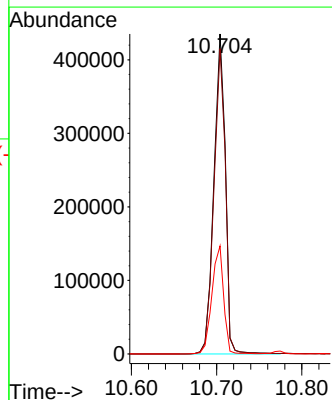
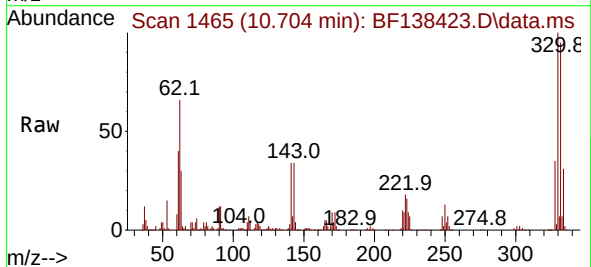
Instrument :
BNA_F
ClientSampleId :
PB161833BS

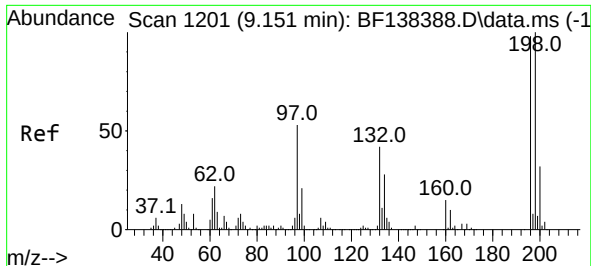
Tgt Ion:237 Resp: 365146
Ion Ratio Lower Upper
237 100
235 62.3 41.4 81.4
272 12.9 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 118.533 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BF138423.D
Acq: 02 Jul 2024 12:10

Tgt Ion:330 Resp: 408301
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.6
141 34.7 28.1 42.1

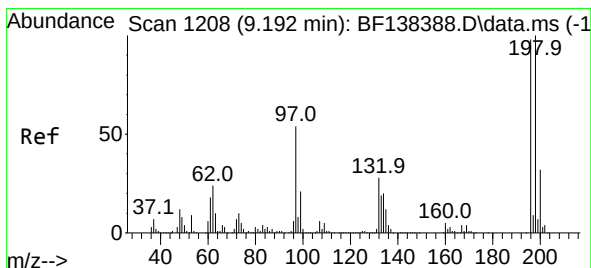
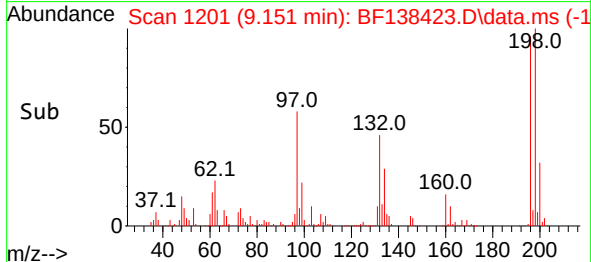
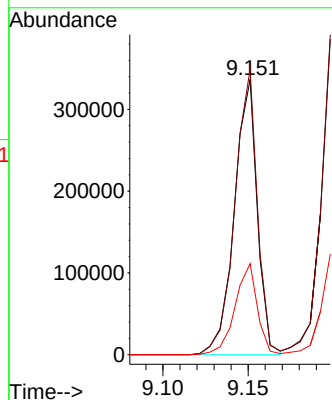
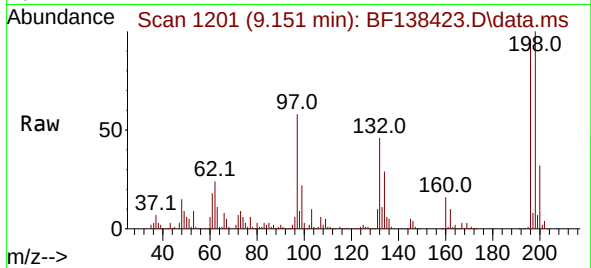




#43
2,4,6-Trichlorophenol
Concen: 42.375 ng
RT: 9.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138423.D
Acq: 02 Jul 2024 12:10

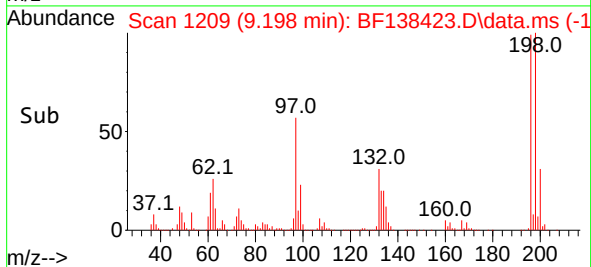
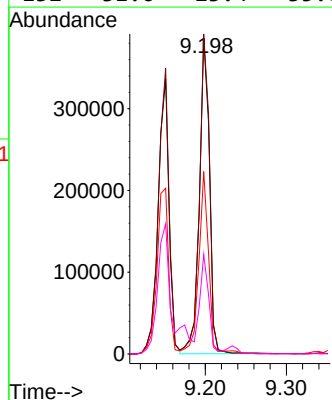
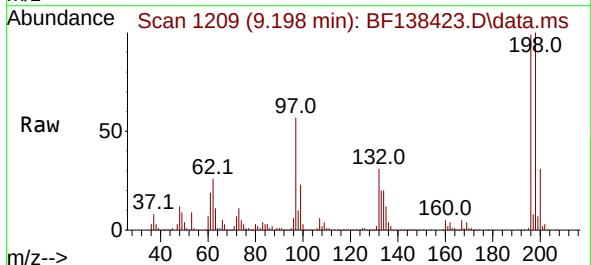
Instrument :
BNA_F
ClientSampleId :
PB161833BS

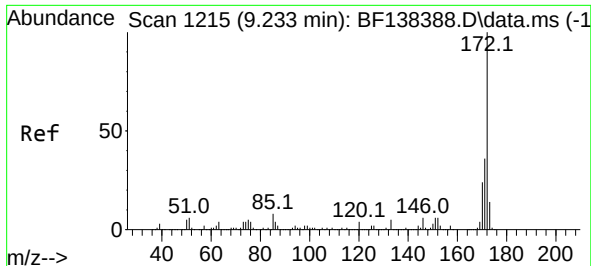
Tgt Ion:196 Resp: 314450
Ion Ratio Lower Upper
196 100
198 103.8 81.8 122.8
200 33.1 26.2 39.4



#44
2,4,5-Trichlorophenol
Concen: 41.675 ng
RT: 9.198 min Scan# 1209
Delta R.T. 0.006 min
Lab File: BF138423.D
Acq: 02 Jul 2024 12:10

Tgt Ion:196 Resp: 336329
Ion Ratio Lower Upper
196 100
198 101.4 81.8 122.6
97 57.8 44.2 66.4
132 31.6 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 74.352 ng

RT: 9.233 min Scan# 1215

Delta R.T. 0.000 min

Lab File: BF138423.D

Acq: 02 Jul 2024 12:10

Instrument :

BNA_F

ClientSampleId :

PB161833BS

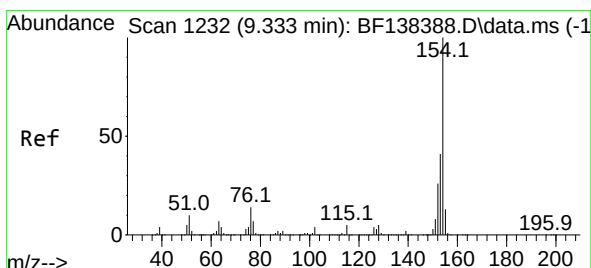
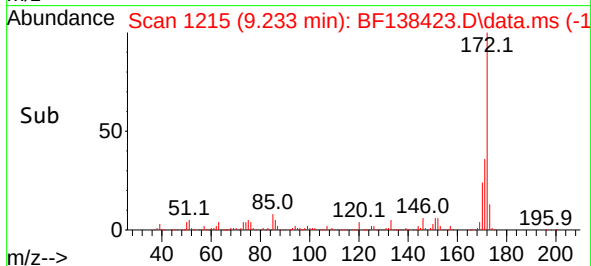
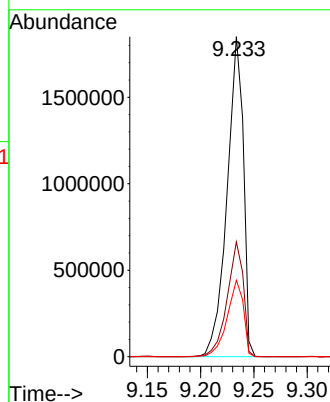
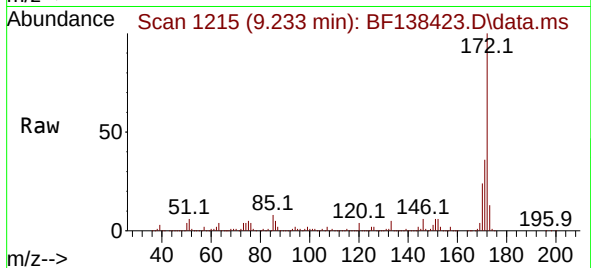
Tgt Ion:172 Resp: 1969741

Ion Ratio Lower Upper

172 100

171 35.9 29.0 43.4

170 23.9 19.0 28.6



#46

1,1'-Biphenyl

Concen: 40.917 ng

RT: 9.333 min Scan# 1232

Delta R.T. 0.000 min

Lab File: BF138423.D

Acq: 02 Jul 2024 12:10

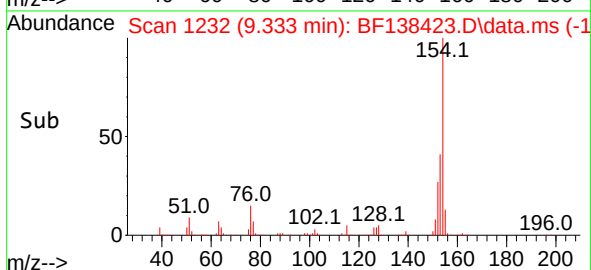
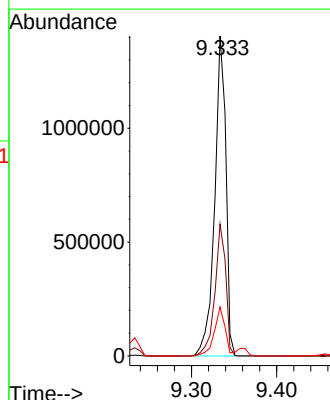
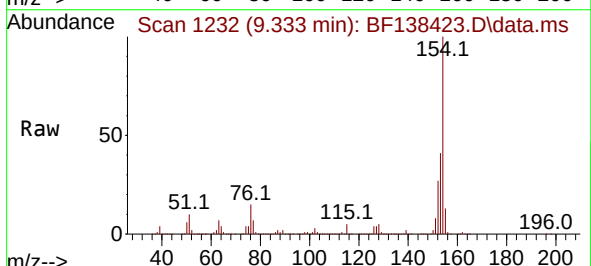
Tgt Ion:154 Resp: 1288090

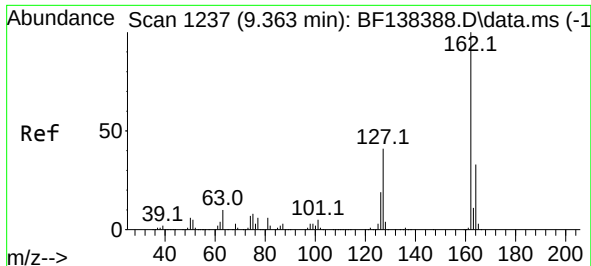
Ion Ratio Lower Upper

154 100

153 41.2 20.5 60.5

76 15.3 0.0 34.4





#47

2-Chloronaphthalene

Concen: 40.526 ng

RT: 9.363 min Scan# 1237

Delta R.T. -0.000 min

Lab File: BF138423.D

Acq: 02 Jul 2024 12:10

Instrument :

BNA_F

ClientSampleId :

PB161833BS

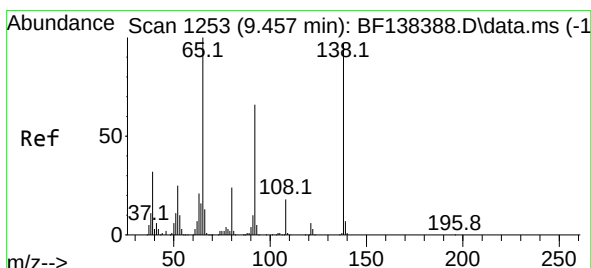
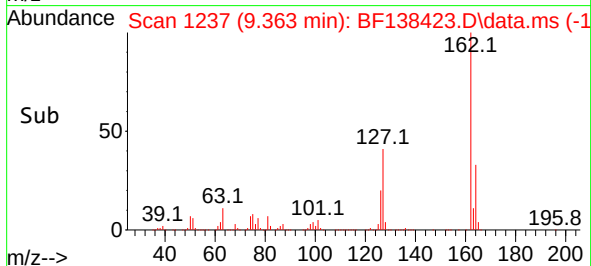
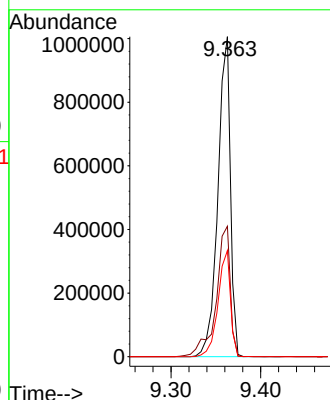
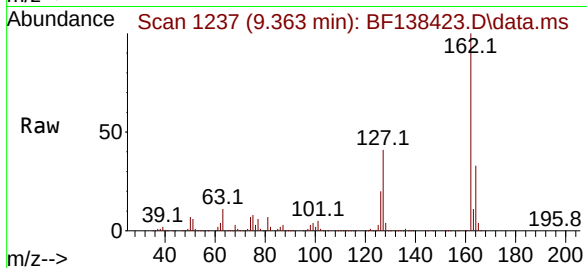
Tgt Ion:162 Resp: 972719

Ion Ratio Lower Upper

162 100

127 40.8 32.7 49.1

164 33.2 26.6 40.0



#48

2-Nitroaniline

Concen: 46.949 ng

RT: 9.457 min Scan# 1253

Delta R.T. 0.000 min

Lab File: BF138423.D

Acq: 02 Jul 2024 12:10

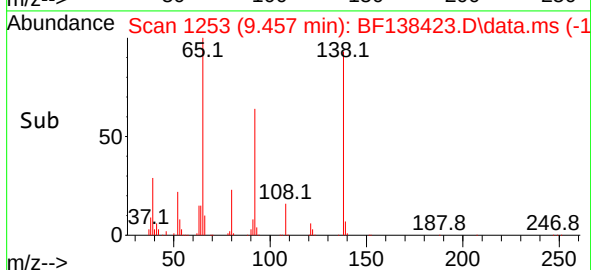
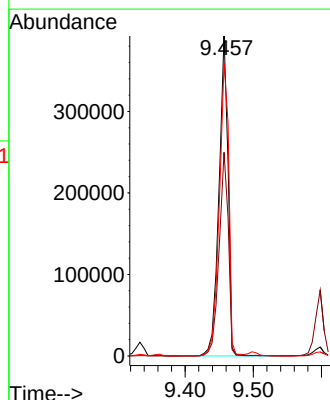
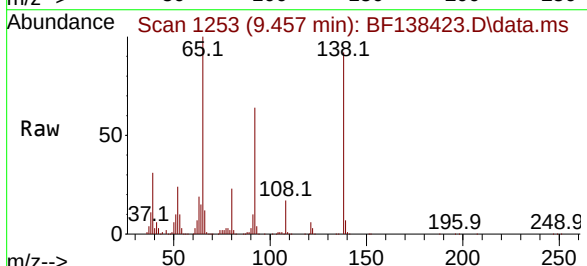
Tgt Ion: 65 Resp: 363498

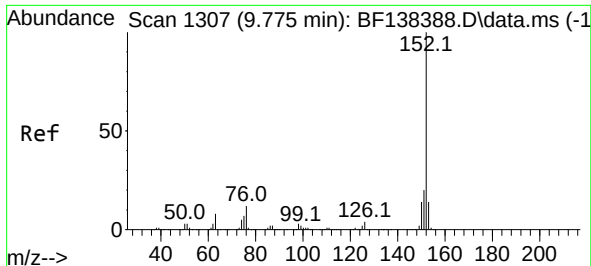
Ion Ratio Lower Upper

65 100

92 63.6 52.6 79.0

138 91.7 77.4 116.0

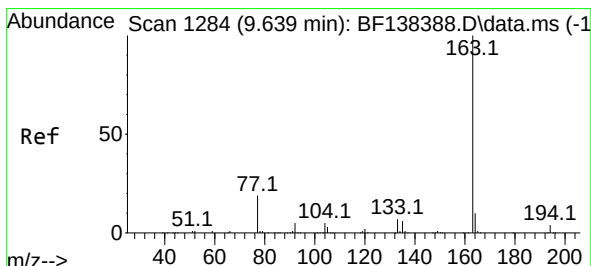
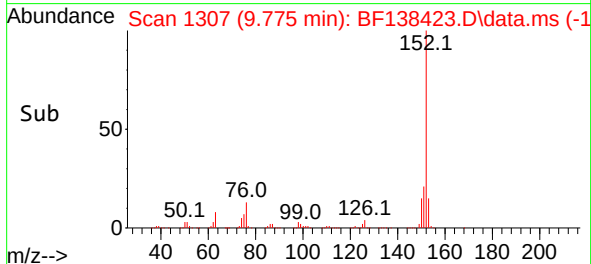
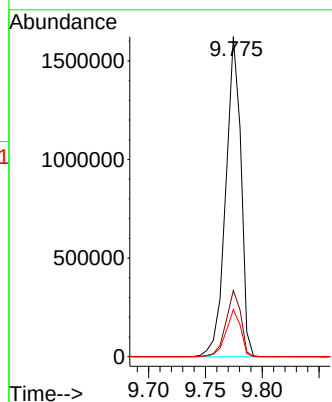
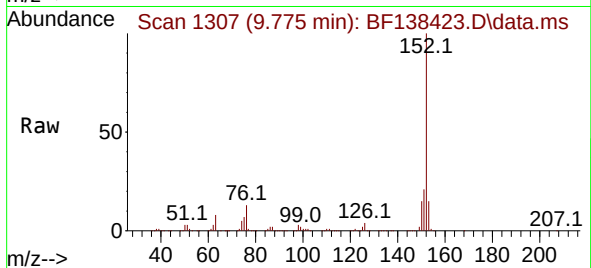




#49
Acenaphthylene
Concen: 44.724 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138423.D
Acq: 02 Jul 2024 12:10

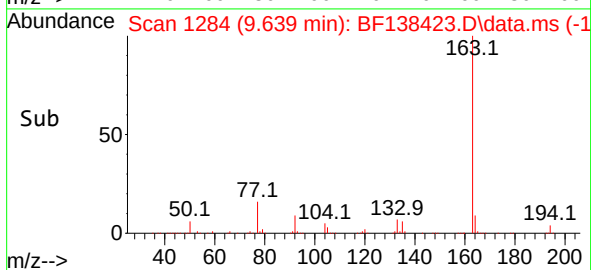
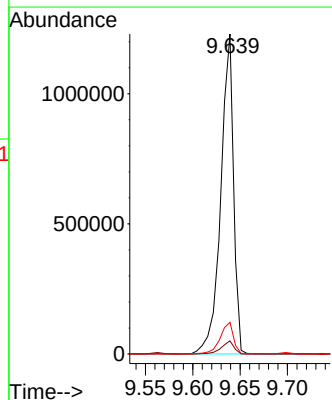
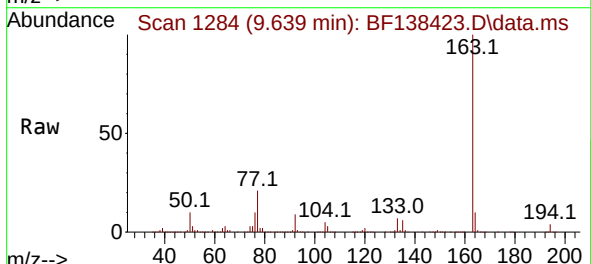
Instrument :
BNA_F
ClientSampleId :
PB161833BS

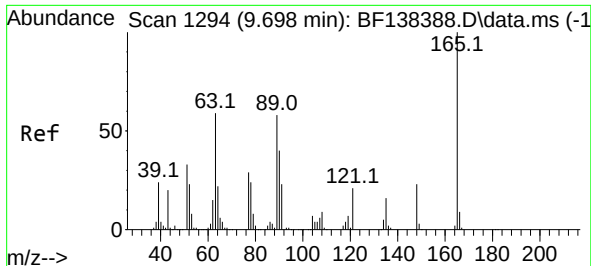
Tgt Ion:152 Resp: 1509702
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4
153 14.7 11.4 17.2



#50
Dimethylphthalate
Concen: 42.787 ng
RT: 9.639 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF138423.D
Acq: 02 Jul 2024 12:10

Tgt Ion:163 Resp: 1159374
Ion Ratio Lower Upper
163 100
194 4.1 3.5 5.3
164 9.9 8.2 12.4

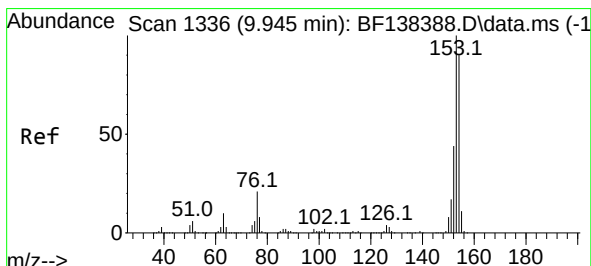
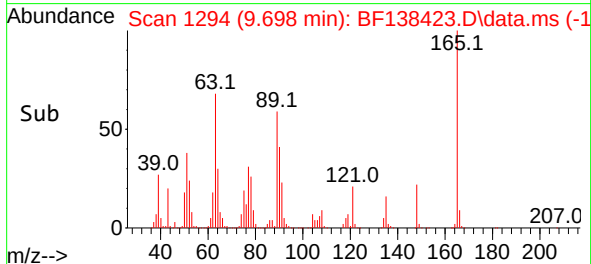
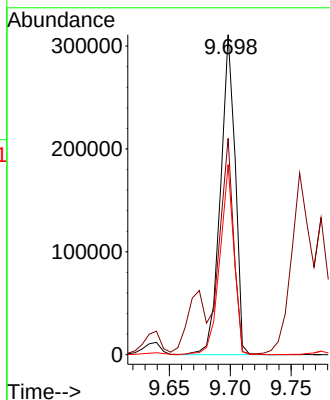
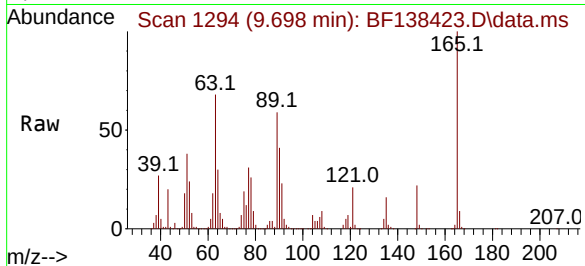




#51
2,6-Dinitrotoluene
Concen: 43.130 ng
RT: 9.698 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BF138423.D
Acq: 02 Jul 2024 12:10

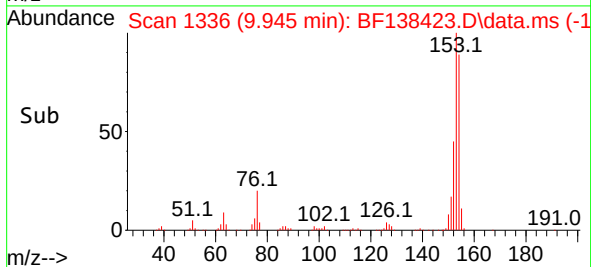
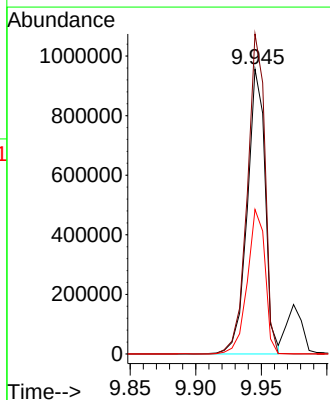
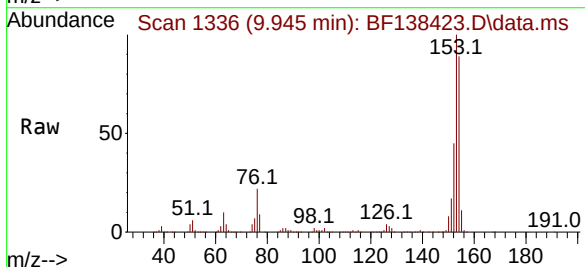
Instrument :
BNA_F
ClientSampleId :
PB161833BS

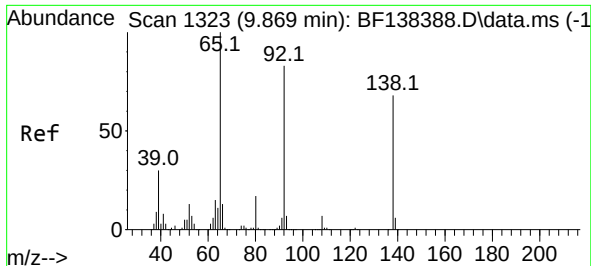
Tgt Ion:165 Resp: 261741
Ion Ratio Lower Upper
165 100
63 67.6 53.8 80.8
89 59.4 46.4 69.6



#52
Acenaphthene
Concen: 39.243 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF138423.D
Acq: 02 Jul 2024 12:10

Tgt Ion:154 Resp: 907064
Ion Ratio Lower Upper
154 100
153 112.4 89.4 134.0
152 50.8 39.7 59.5

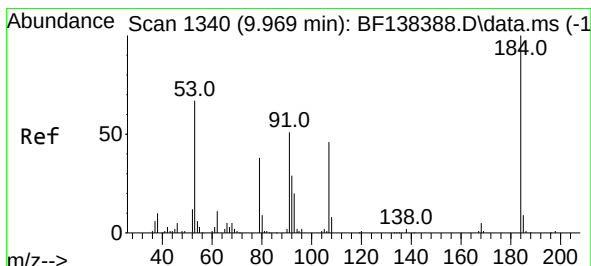
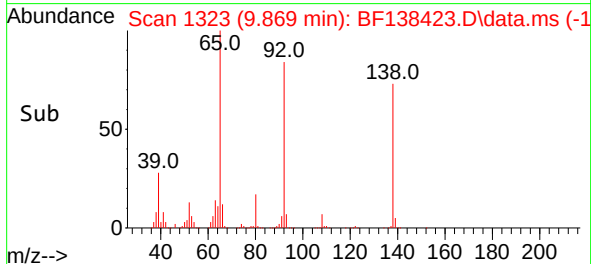
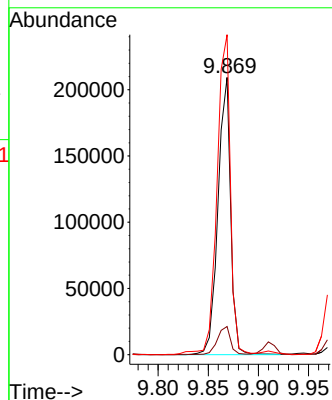
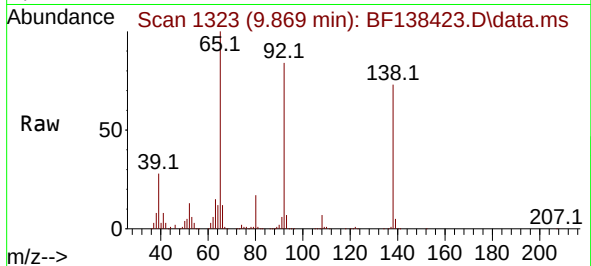




#53
3-Nitroaniline
Concen: 30.604 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138423.D
Acq: 02 Jul 2024 12:10

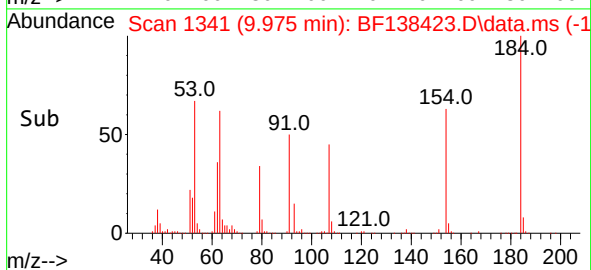
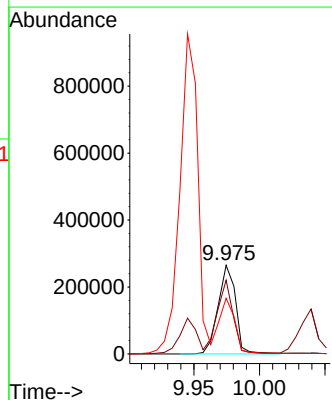
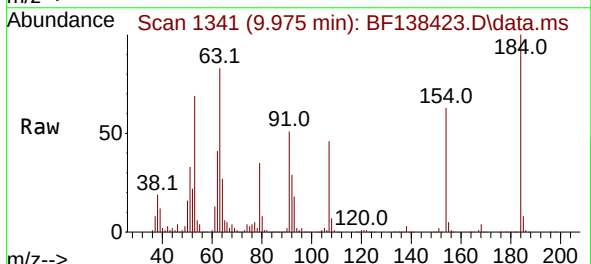
Instrument :
BNA_F
ClientSampleId :
PB161833BS

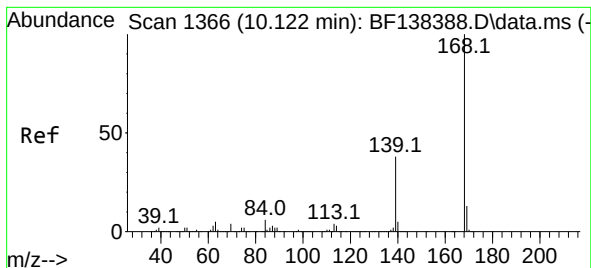
Tgt Ion:138 Resp: 183429
Ion Ratio Lower Upper
138 100
108 10.1 8.6 12.8
92 115.4 97.3 145.9



#54
2,4-Dinitrophenol
Concen: 94.236 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF138423.D
Acq: 02 Jul 2024 12:10

Tgt Ion:184 Resp: 246478
Ion Ratio Lower Upper
184 100
63 83.2 67.3 100.9
154 62.7 51.0 76.4





#55

Dibenzofuran

Concen: 42.074 ng

RT: 10.122 min Scan# 1366

Delta R.T. 0.000 min

Lab File: BF138423.D

Acq: 02 Jul 2024 12:10

Instrument :

BNA_F

ClientSampleId :

PB161833BS

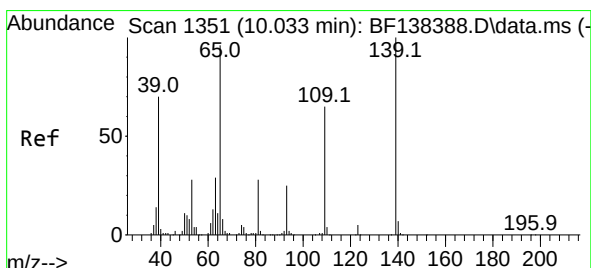
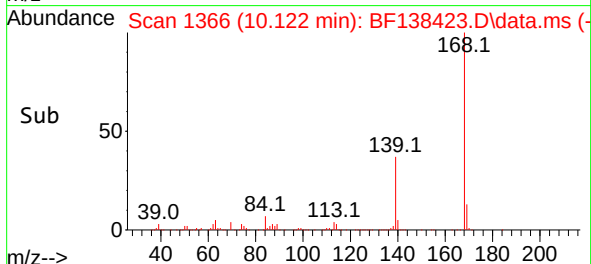
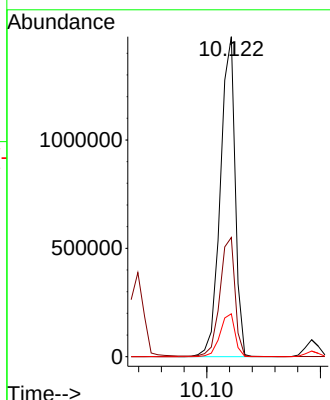
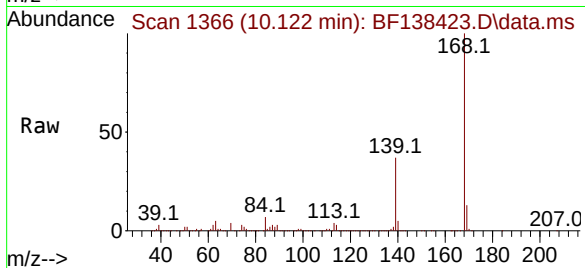
Tgt Ion:168 Resp: 1339906

Ion Ratio Lower Upper

168 100

139 37.3 30.4 45.6

169 13.4 10.7 16.1



#56

4-Nitrophenol

Concen: 95.210 ng

RT: 10.039 min Scan# 1352

Delta R.T. 0.006 min

Lab File: BF138423.D

Acq: 02 Jul 2024 12:10

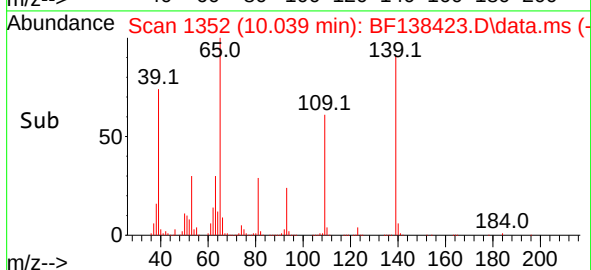
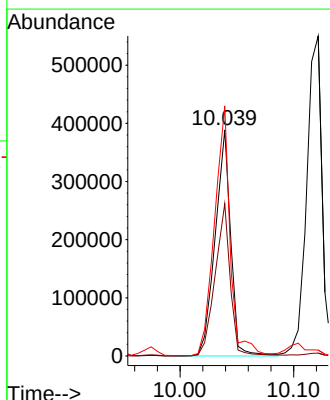
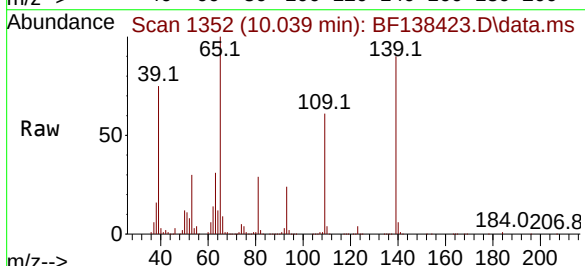
Tgt Ion:139 Resp: 369997

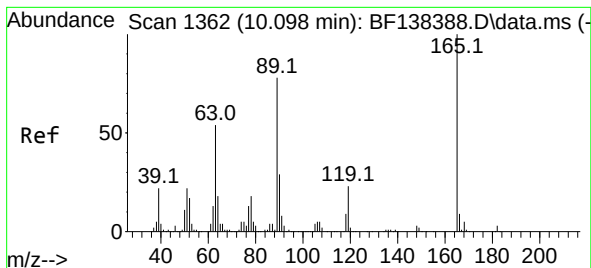
Ion Ratio Lower Upper

139 100

109 67.4 44.6 84.6

65 110.6 75.9 115.9

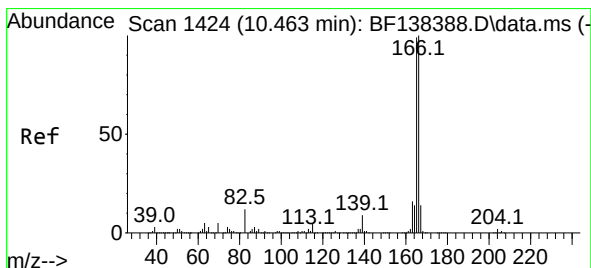
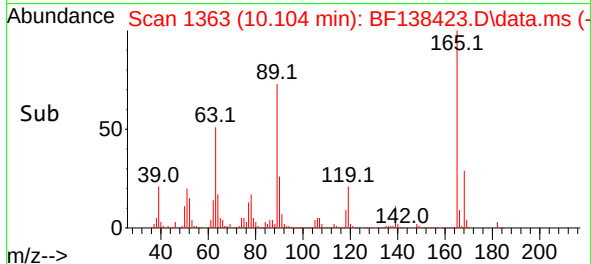
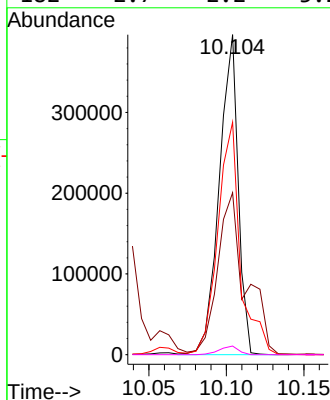
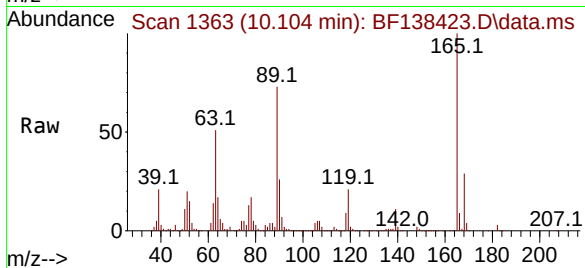




#57
2,4-Dinitrotoluene
Concen: 45.065 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.006 min
Lab File: BF138423.D
Acq: 02 Jul 2024 12:10

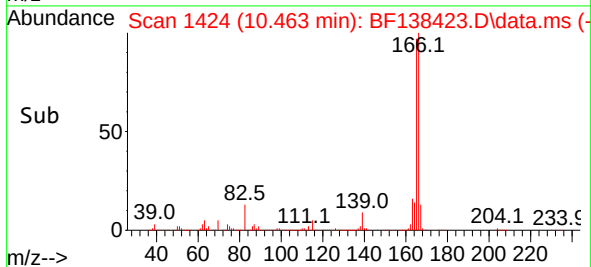
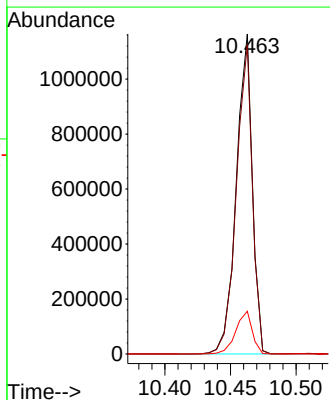
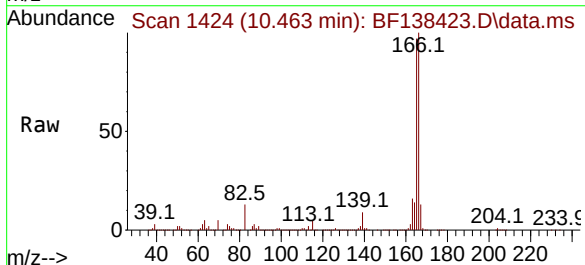
Instrument :
BNA_F
ClientSampleId :
PB161833BS

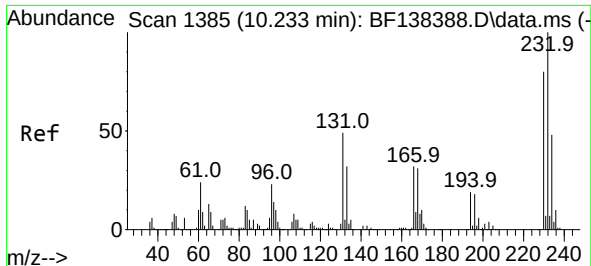
Tgt Ion:165 Resp: 336733
Ion Ratio Lower Upper
165 100
63 50.6 43.4 65.2
89 72.7 62.6 93.8
182 2.7 2.2 3.2



#58
Fluorene
Concen: 39.228 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF138423.D
Acq: 02 Jul 2024 12:10

Tgt Ion:166 Resp: 992662
Ion Ratio Lower Upper
166 100
165 96.7 79.0 118.6
167 13.4 10.8 16.2

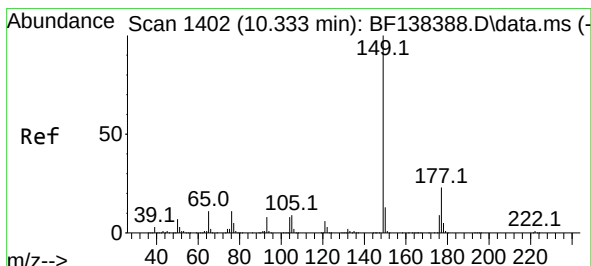
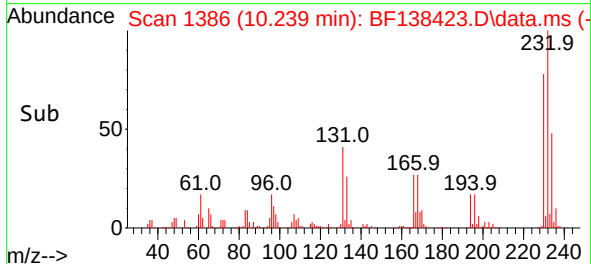
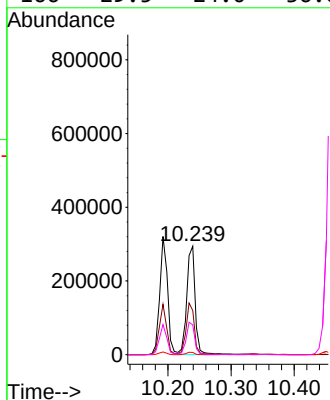
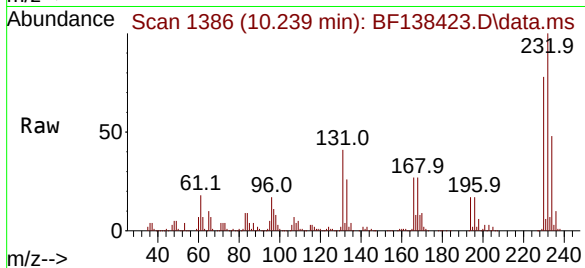




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.976 ng
RT: 10.239 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF138423.D
Acq: 02 Jul 2024 12:10

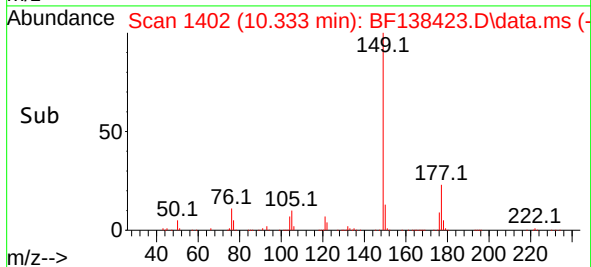
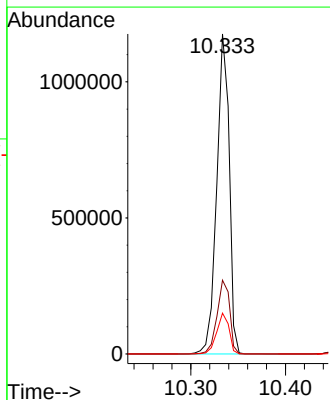
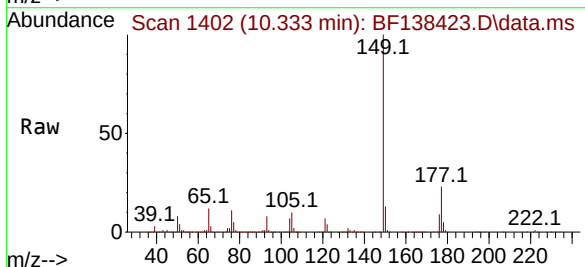
Instrument :
BNA_F
ClientSampleId :
PB161833BS

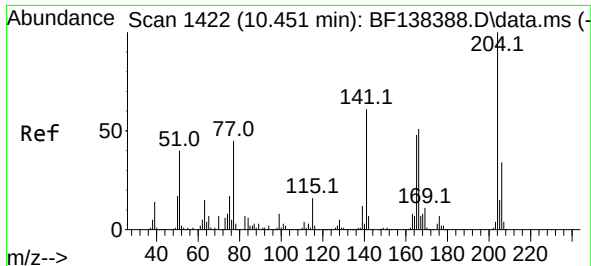
Tgt Ion:232 Resp: 275592
Ion Ratio Lower Upper
232 100
131 46.3 36.6 55.0
130 2.2 1.8 2.8
166 29.5 24.0 36.0



#60
Diethylphthalate
Concen: 42.446 ng
RT: 10.333 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF138423.D
Acq: 02 Jul 2024 12:10

Tgt Ion:149 Resp: 1075311
Ion Ratio Lower Upper
149 100
177 23.1 18.4 27.6
150 12.7 10.2 15.2

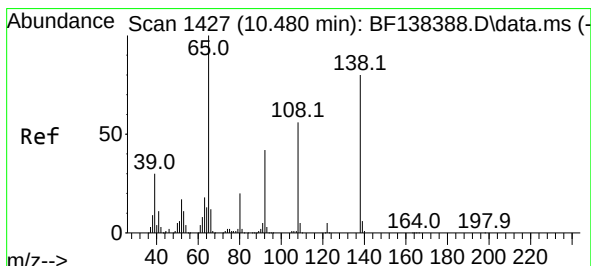
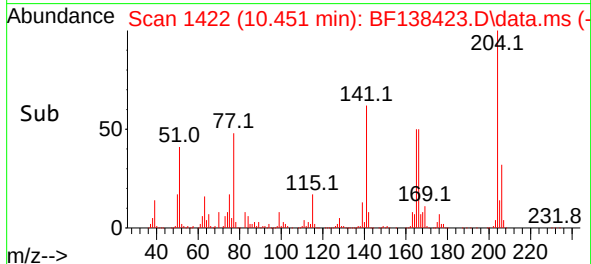
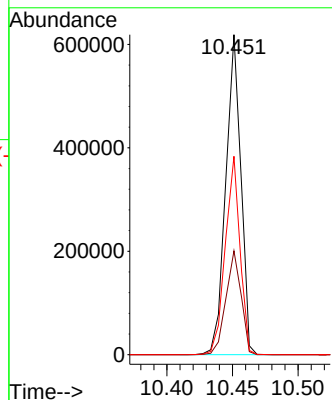
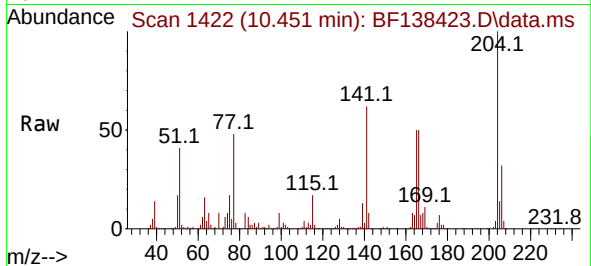




#61
4-Chlorophenyl-phenylether
Concen: 38.533 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF138423.D
Acq: 02 Jul 2024 12:10

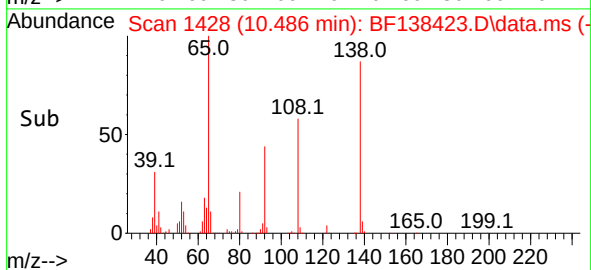
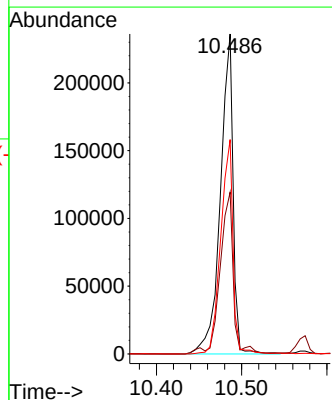
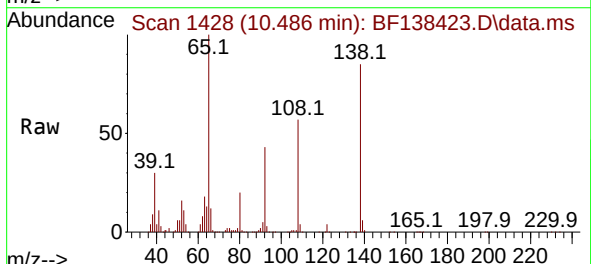
Instrument :
BNA_F
ClientSampleId :
PB161833BS

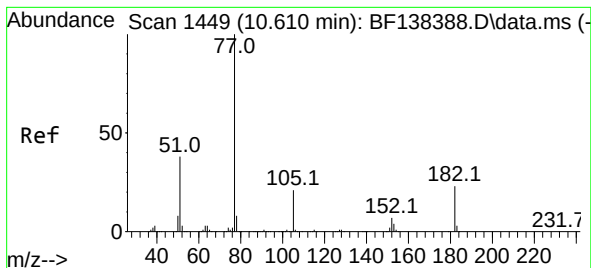
Tgt Ion:204 Resp: 494730
Ion Ratio Lower Upper
204 100
206 32.5 27.1 40.7
141 62.0 48.4 72.6



#62
4-Nitroaniline
Concen: 44.378 ng
RT: 10.486 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF138423.D
Acq: 02 Jul 2024 12:10

Tgt Ion:138 Resp: 244138
Ion Ratio Lower Upper
138 100
92 50.5 32.6 72.6
108 67.0 50.3 90.3

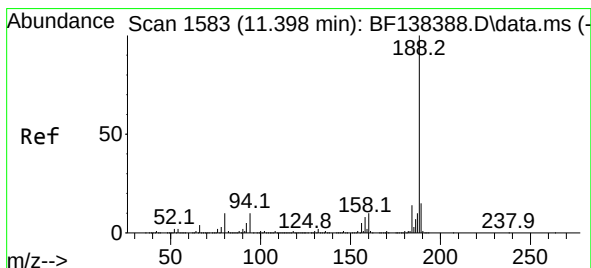
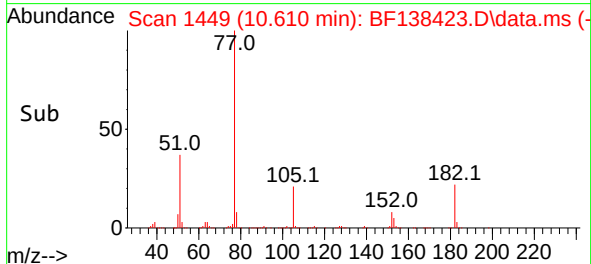
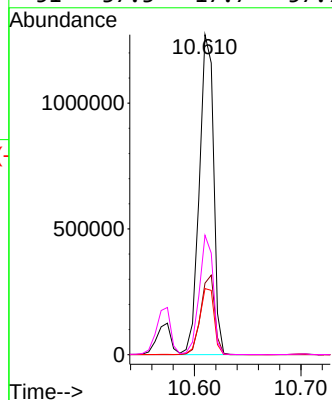
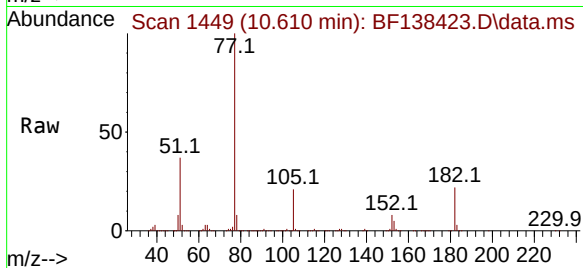




#63
Azobenzene
Concen: 44.379 ng
RT: 10.610 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF138423.D
Acq: 02 Jul 2024 12:10

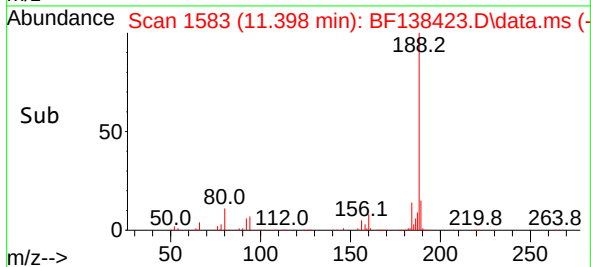
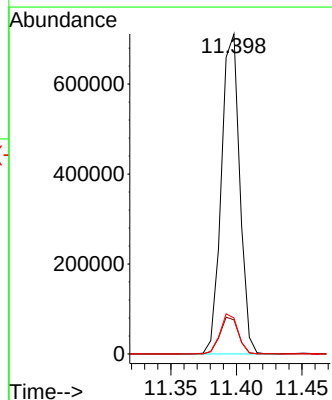
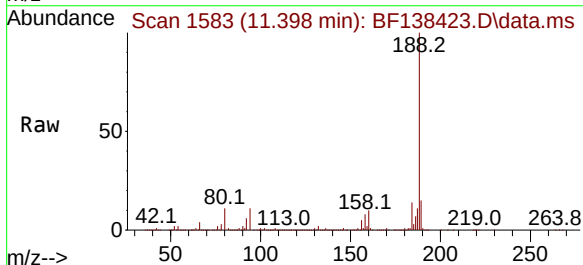
Instrument :
BNA_F
ClientSampleId :
PB161833BS

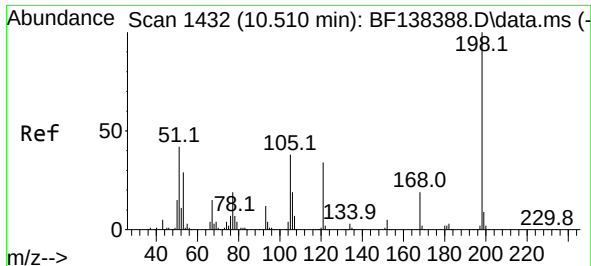
Tgt Ion: 77 Resp: 1187330
Ion Ratio Lower Upper
77 100
182 22.3 2.7 42.7
105 20.7 0.6 40.6
51 37.3 17.7 57.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF138423.D
Acq: 02 Jul 2024 12:10

Tgt Ion: 188 Resp: 692295
Ion Ratio Lower Upper
188 100
94 10.6 8.0 12.0
80 11.2 8.2 12.4

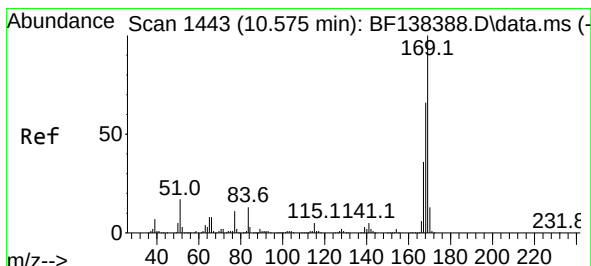
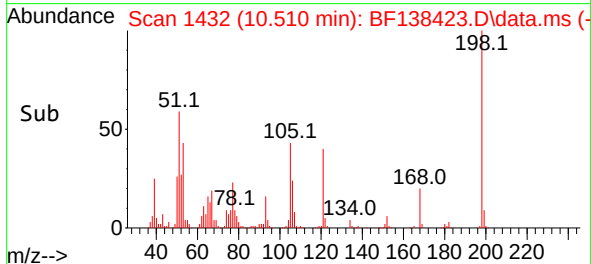
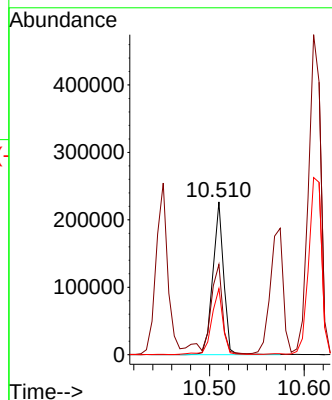
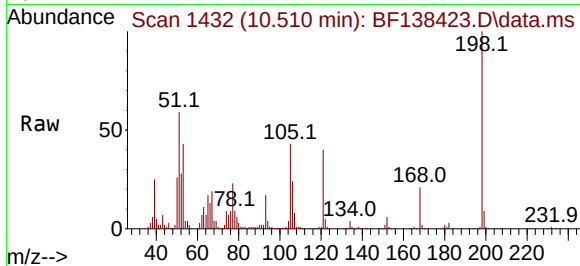




#65
4,6-Dinitro-2-methylphenol
Concen: 48.288 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF138423.D
Acq: 02 Jul 2024 12:10

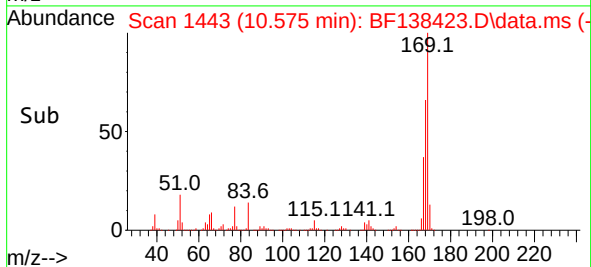
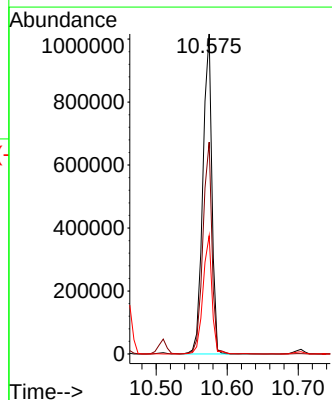
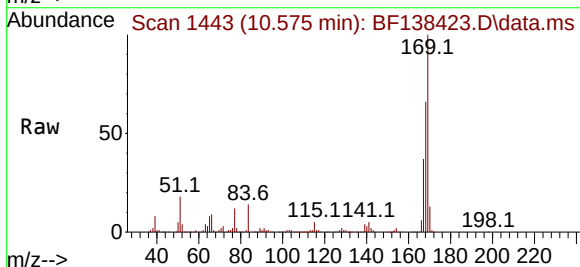
Instrument :
BNA_F
ClientSampleId :
PB161833BS

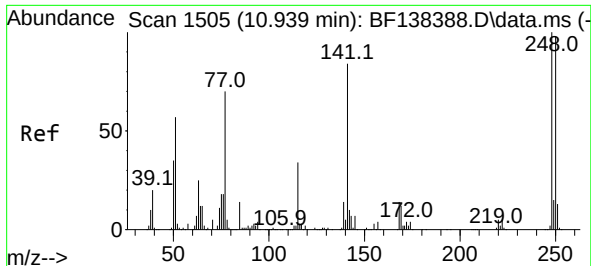
Tgt Ion:198 Resp: 179141
Ion Ratio Lower Upper
198 100
51 59.1 27.9 67.9
105 43.3 18.2 58.2



#66
n-Nitrosodiphenylamine
Concen: 41.876 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BF138423.D
Acq: 02 Jul 2024 12:10

Tgt Ion:169 Resp: 899999
Ion Ratio Lower Upper
169 100
168 66.2 52.5 78.7
167 36.9 28.8 43.2

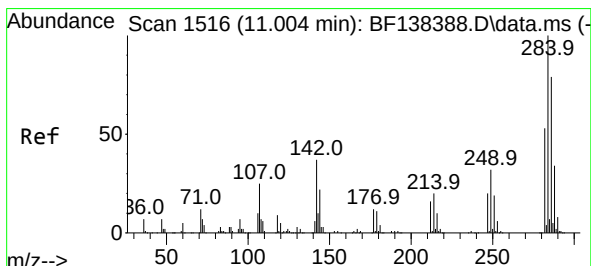
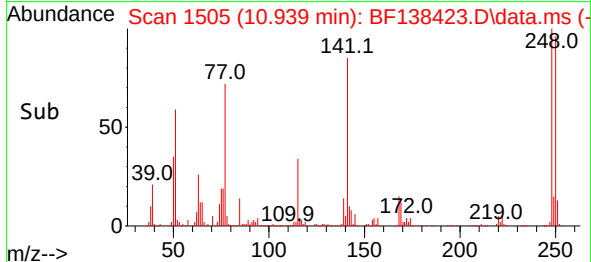
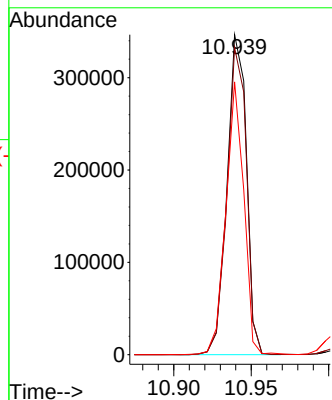
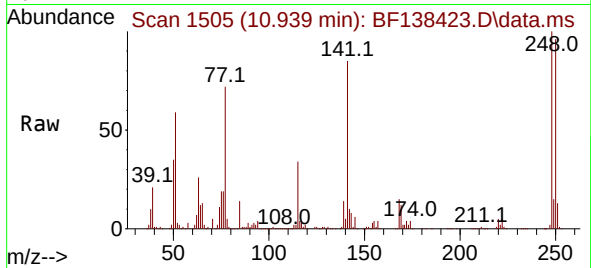




#67
4-Bromophenyl-phenylether
Concen: 40.703 ng
RT: 10.939 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF138423.D
Acq: 02 Jul 2024 12:10

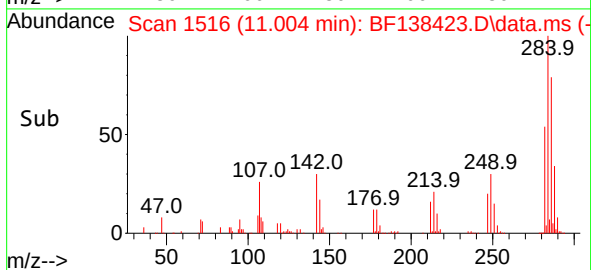
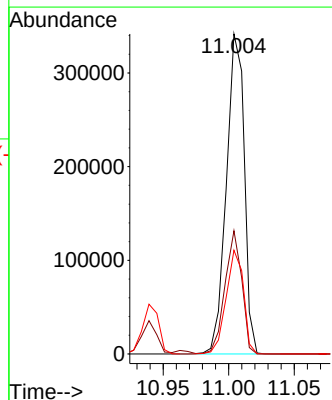
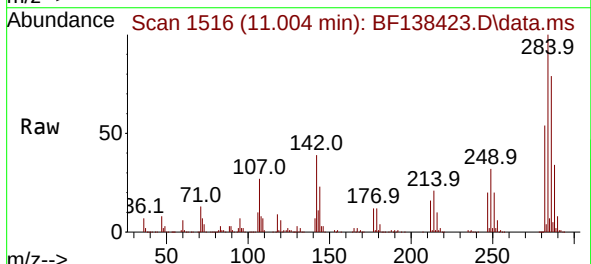
Instrument :
BNA_F
ClientSampleId :
PB161833BS

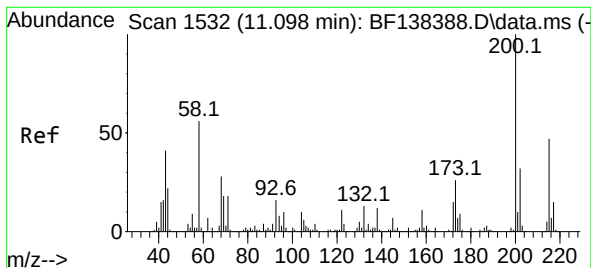
Tgt Ion:248 Resp: 302885
Ion Ratio Lower Upper
248 100
250 96.0 78.2 117.4
141 85.2 67.6 101.4



#68
Hexachlorobenzene
Concen: 39.522 ng
RT: 11.004 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF138423.D
Acq: 02 Jul 2024 12:10

Tgt Ion:284 Resp: 324156
Ion Ratio Lower Upper
284 100
142 38.5 29.2 43.8
249 32.4 25.8 38.6





#69

Atrazine

Concen: 42.923 ng

RT: 11.098 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF138423.D

Acq: 02 Jul 2024 12:10

Instrument :

BNA_F

ClientSampleId :

PB161833BS

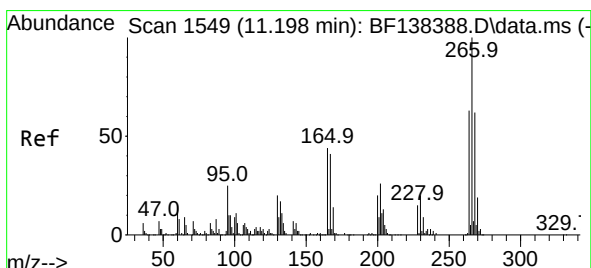
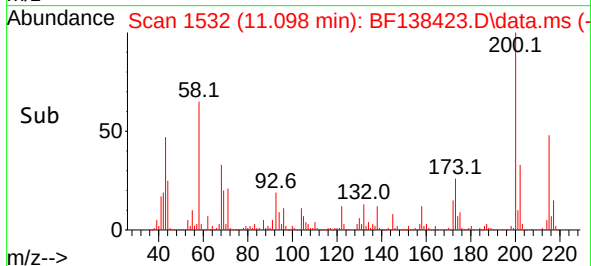
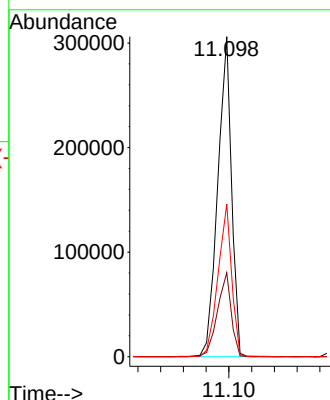
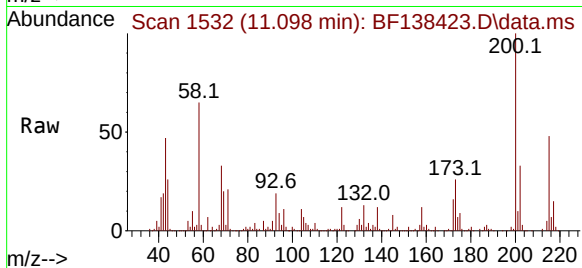
Tgt Ion:200 Resp: 258651

Ion Ratio Lower Upper

200 100

173 26.3 6.2 46.2

215 47.7 27.4 67.4



#70

Pentachlorophenol

Concen: 85.664 ng

RT: 11.204 min Scan# 1550

Delta R.T. 0.006 min

Lab File: BF138423.D

Acq: 02 Jul 2024 12:10

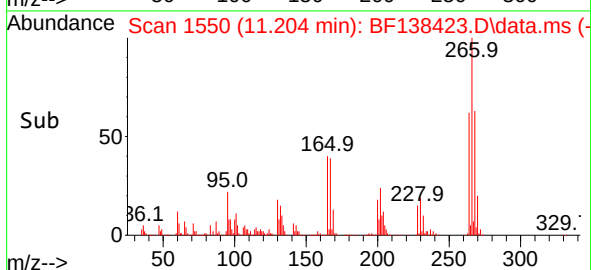
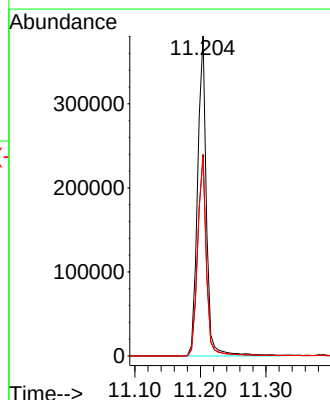
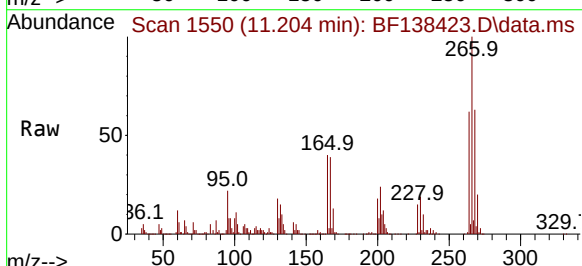
Tgt Ion:266 Resp: 356600

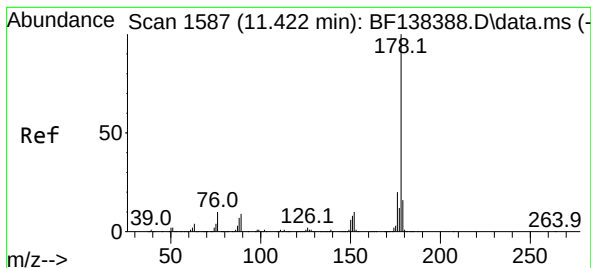
Ion Ratio Lower Upper

266 100

268 63.0 49.9 74.9

264 62.1 50.0 75.0





#71

Phenanthrene

Concen: 42.803 ng

RT: 11.422 min Scan# 1587

Delta R.T. 0.000 min

Lab File: BF138423.D

Acq: 02 Jul 2024 12:10

Instrument :

BNA_F

ClientSampleId :

PB161833BS

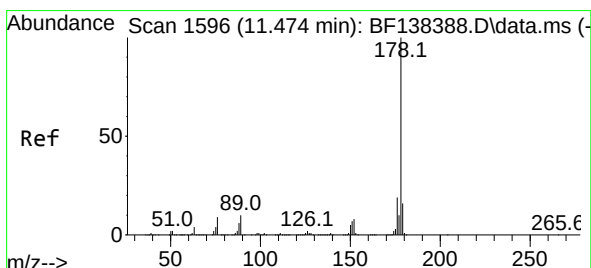
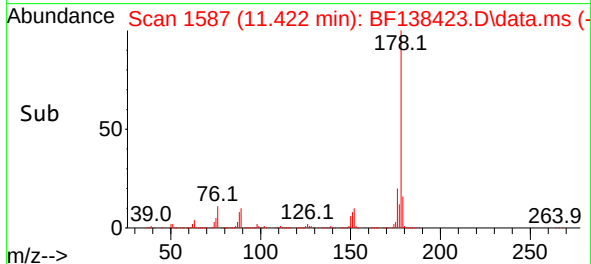
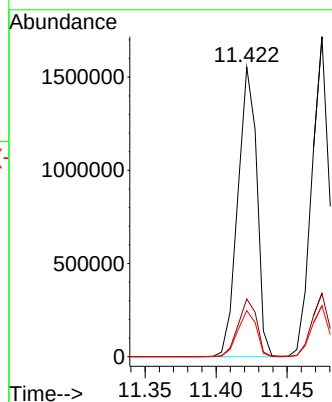
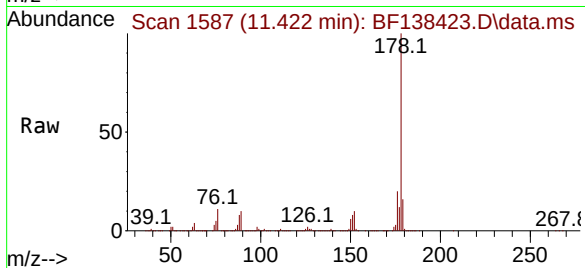
Tgt Ion:178 Resp: 1446792

Ion Ratio Lower Upper

178 100

176 20.0 16.1 24.1

179 15.9 12.6 18.8



#72

Anthracene

Concen: 42.923 ng

RT: 11.475 min Scan# 1596

Delta R.T. 0.001 min

Lab File: BF138423.D

Acq: 02 Jul 2024 12:10

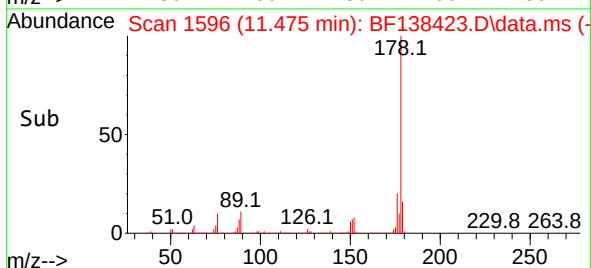
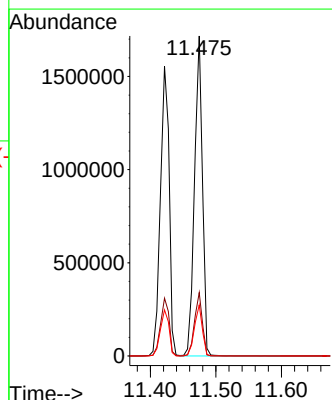
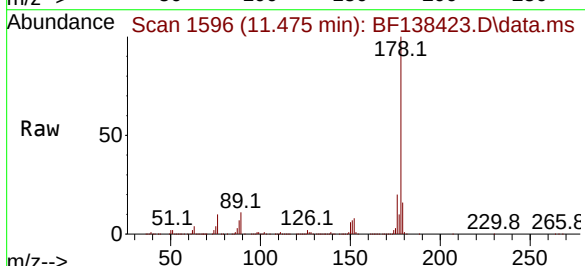
Tgt Ion:178 Resp: 1446884

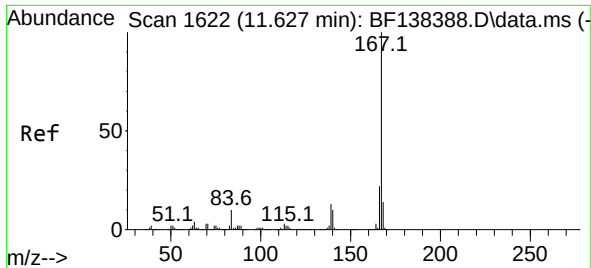
Ion Ratio Lower Upper

178 100

176 19.8 15.0 22.6

179 16.0 12.7 19.1

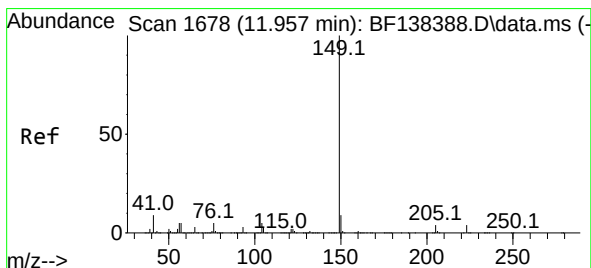
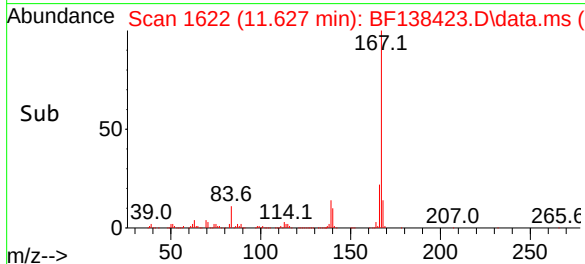
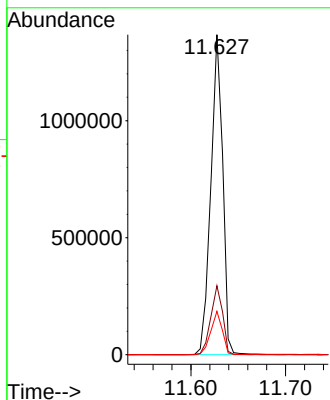
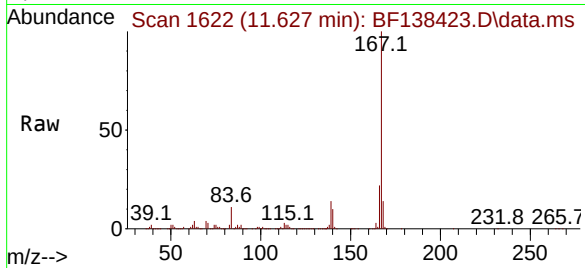




#73
 Carbazole
 Concen: 42.422 ng
 RT: 11.627 min Scan# 1622
 Delta R.T. 0.000 min
 Lab File: BF138423.D
 Acq: 02 Jul 2024 12:10

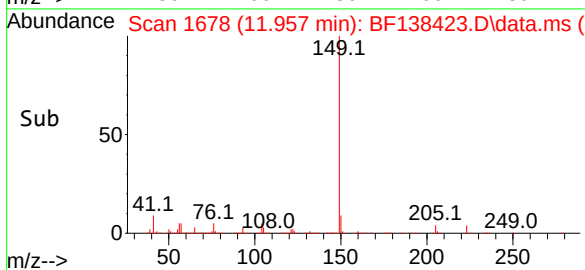
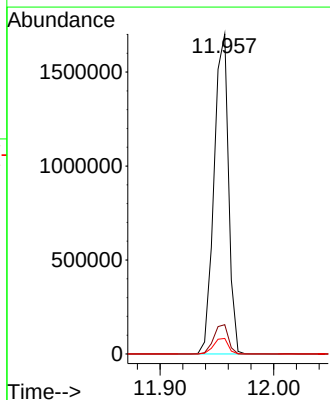
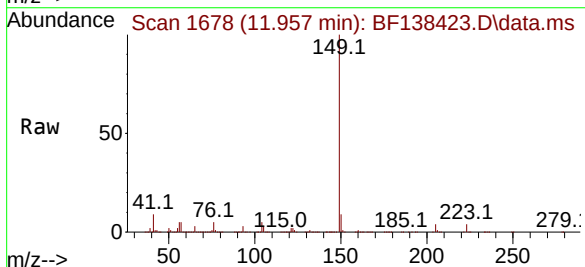
Instrument :
 BNA_F
 ClientSampleId :
 PB161833BS

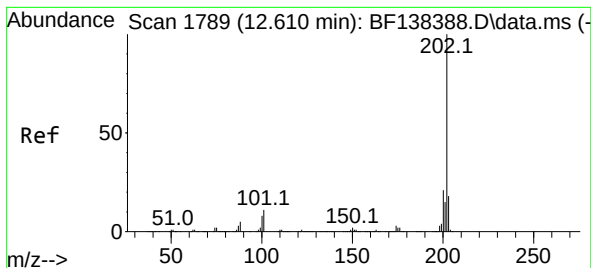
Tgt Ion:167 Resp: 1187183
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.7 26.5
 139 13.5 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 42.451 ng
 RT: 11.957 min Scan# 1678
 Delta R.T. 0.000 min
 Lab File: BF138423.D
 Acq: 02 Jul 2024 12:10

Tgt Ion:149 Resp: 1505556
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 4.9 3.8 5.8





#75

Fluoranthene

Concen: 40.601 ng

RT: 12.604 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138423.D

Acq: 02 Jul 2024 12:10

Instrument :

BNA_F

ClientSampleId :

PB161833BS

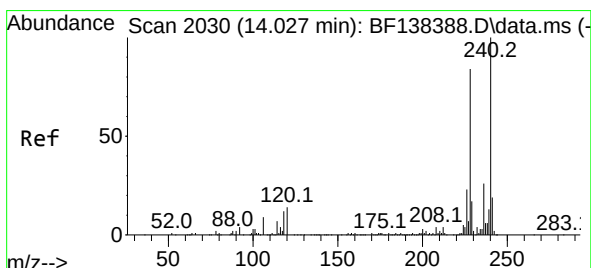
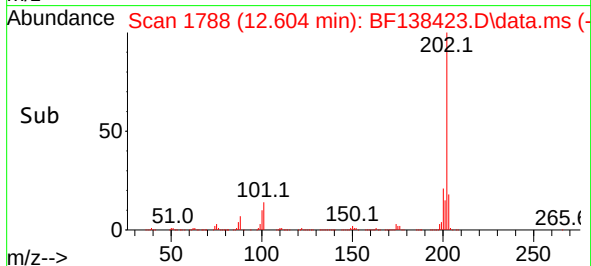
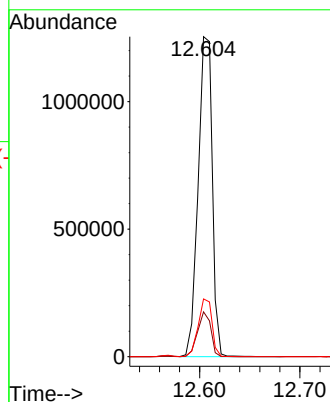
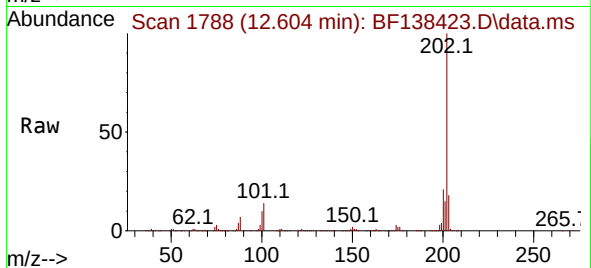
Tgt Ion:202 Resp: 1230333

Ion Ratio Lower Upper

202 100

101 14.0 0.0 30.5

203 18.1 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: BF138423.D

Acq: 02 Jul 2024 12:10

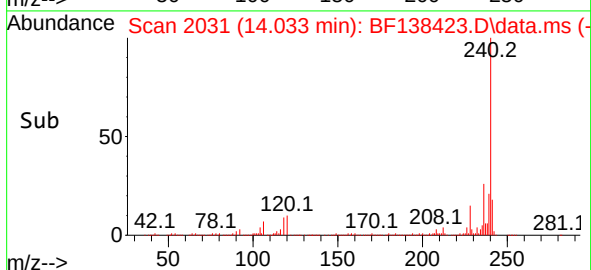
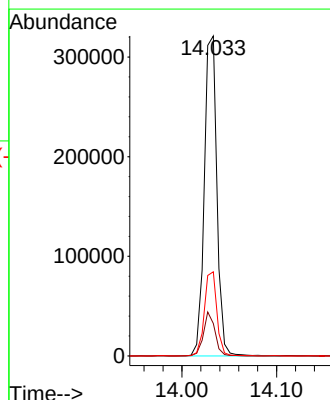
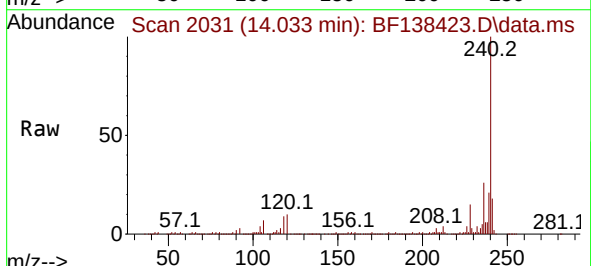
Tgt Ion:240 Resp: 296409

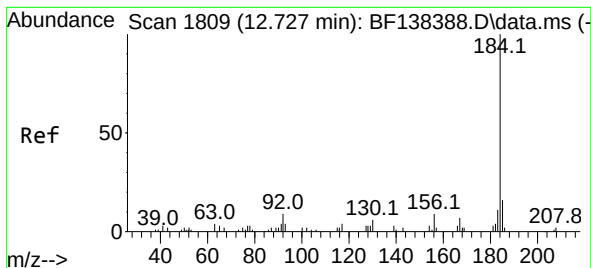
Ion Ratio Lower Upper

240 100

120 10.1 10.9 16.3#

236 26.3 20.6 30.8

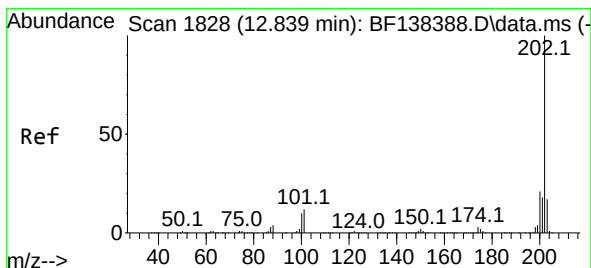
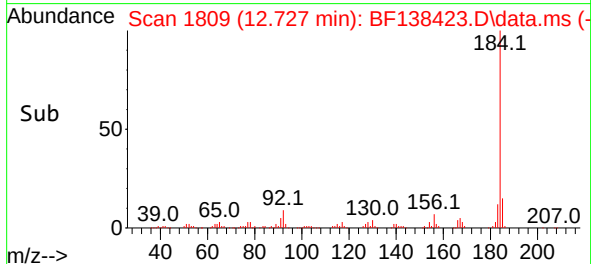
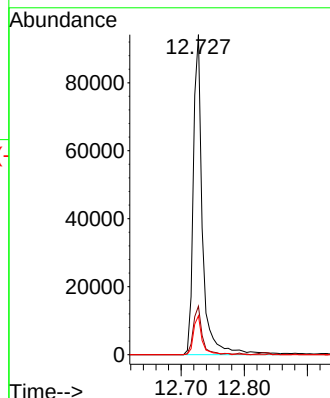
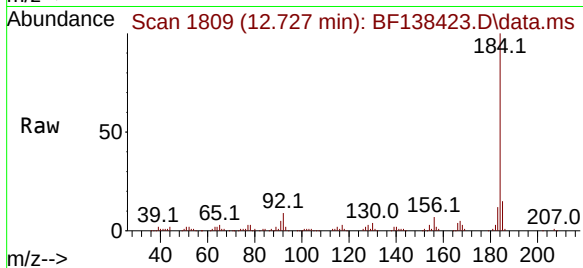




#77
Benzidine
Concen: 40.279 ng
RT: 12.727 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF138423.D
Acq: 02 Jul 2024 12:10

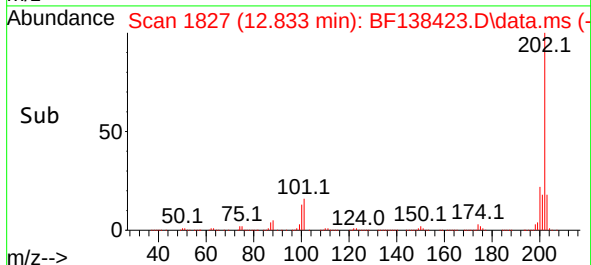
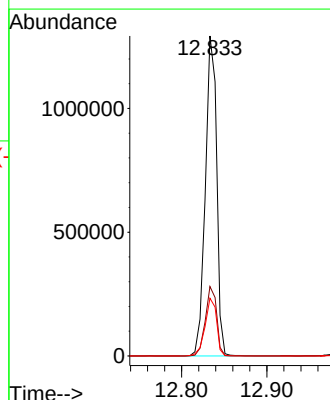
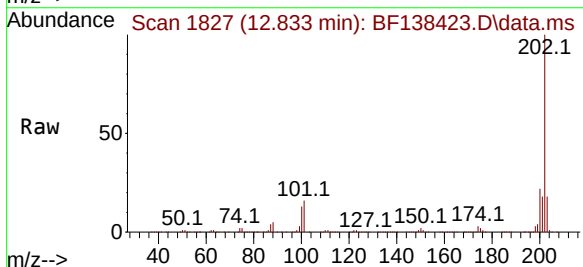
Instrument :
BNA_F
ClientSampleId :
PB161833BS

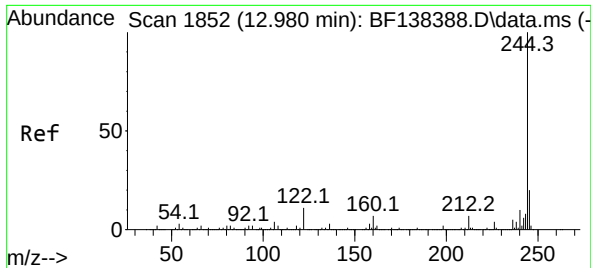
Tgt Ion:184 Resp: 95469
Ion Ratio Lower Upper
184 100
185 15.1 13.0 19.4
183 12.1 9.0 13.6



#78
Pyrene
Concen: 37.658 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF138423.D
Acq: 02 Jul 2024 12:10

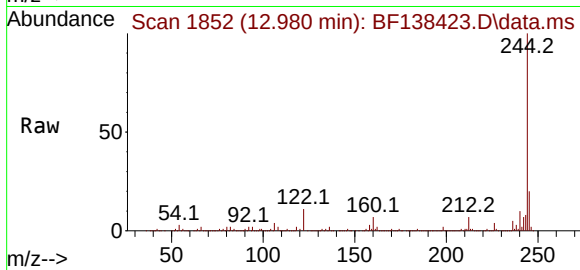
Tgt Ion:202 Resp: 1193021
Ion Ratio Lower Upper
202 100
200 21.7 16.9 25.3
203 18.1 13.8 20.8





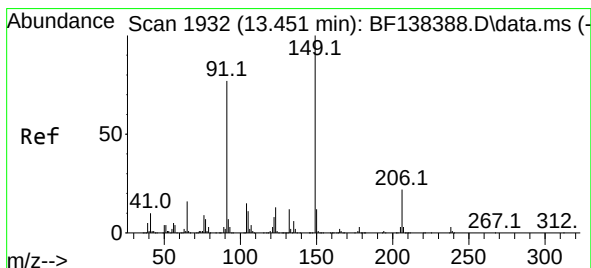
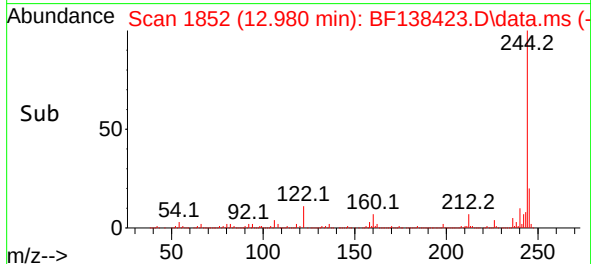
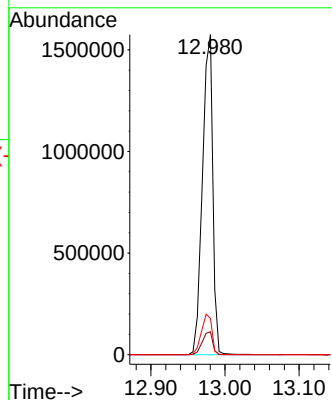
#79
 Terphenyl-d14
 Concen: 70.367 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BF138423.D
 Acq: 02 Jul 2024 12:10

Instrument :
 BNA_F
 ClientSampleId :
 PB161833BS



Tgt Ion:244 Resp: 1521984

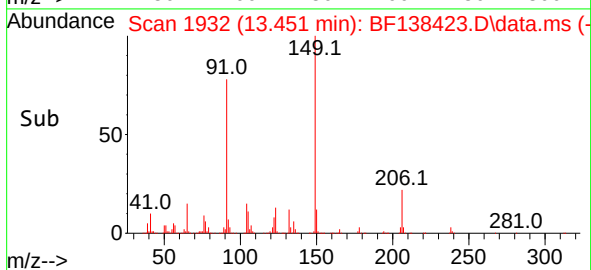
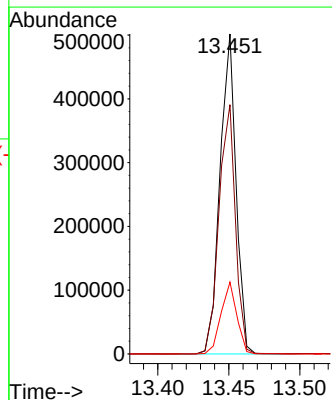
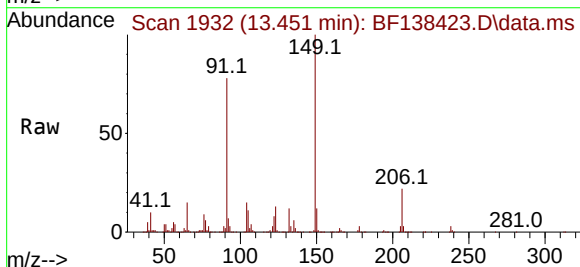
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	11.4	9.0	13.4

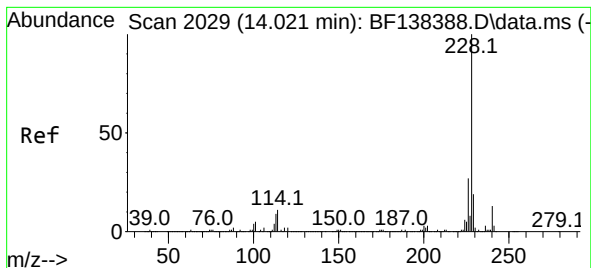


#80
 Butylbenzylphthalate
 Concen: 40.817 ng
 RT: 13.451 min Scan# 1932
 Delta R.T. 0.000 min
 Lab File: BF138423.D
 Acq: 02 Jul 2024 12:10

Tgt Ion:149 Resp: 393475

Ion	Ratio	Lower	Upper
149	100		
91	77.9	62.0	93.0
206	22.5	17.6	26.4





#81

Benzo(a)anthracene

Concen: 43.601 ng

RT: 14.021 min Scan# 2029

Delta R.T. 0.000 min

Lab File: BF138423.D

Acq: 02 Jul 2024 12:10

Instrument :

BNA_F

ClientSampleId :

PB161833BS

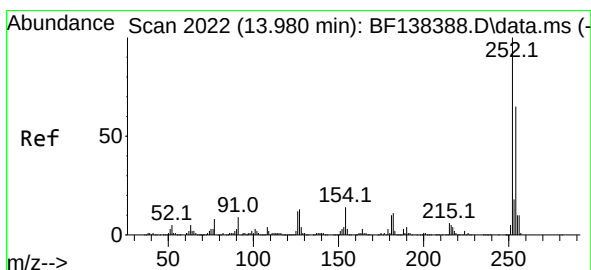
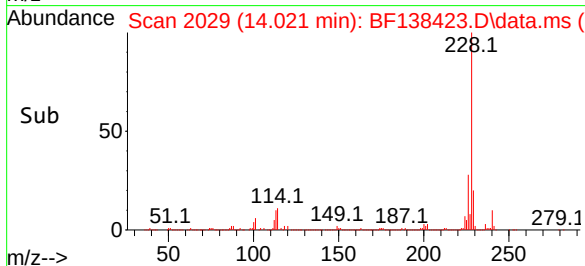
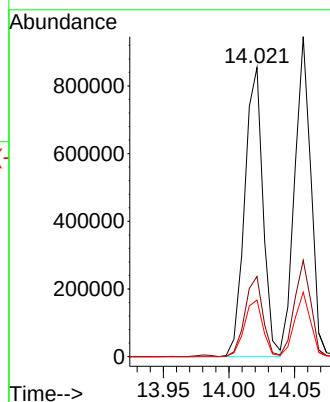
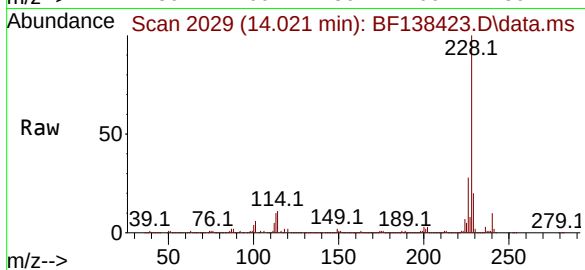
Tgt Ion:228 Resp: 831839

Ion Ratio Lower Upper

228 100

226 27.7 21.7 32.5

229 19.6 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 38.445 ng

RT: 13.980 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF138423.D

Acq: 02 Jul 2024 12:10

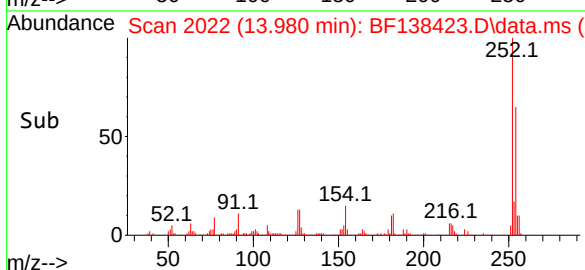
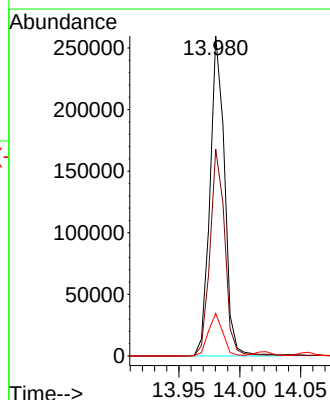
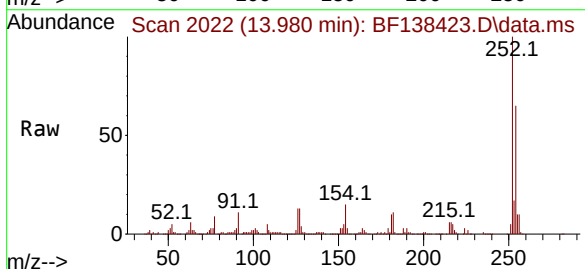
Tgt Ion:252 Resp: 216552

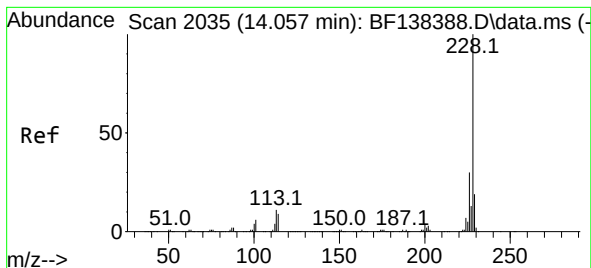
Ion Ratio Lower Upper

252 100

254 64.7 51.8 77.6

126 13.3 9.5 14.3





#83

Chrysene

Concen: 43.977 ng

RT: 14.057 min Scan# 2035

Delta R.T. 0.000 min

Lab File: BF138423.D

Acq: 02 Jul 2024 12:10

Instrument :

BNA_F

ClientSampleId :

PB161833BS

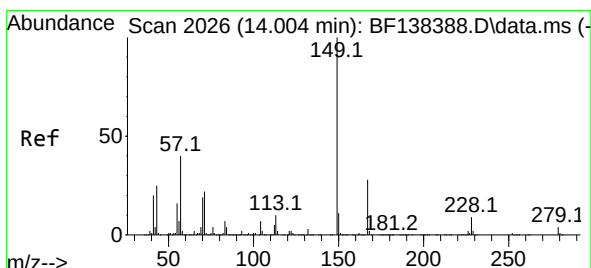
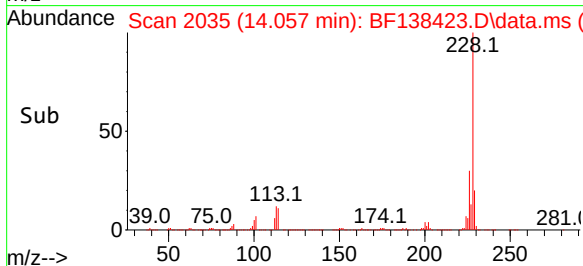
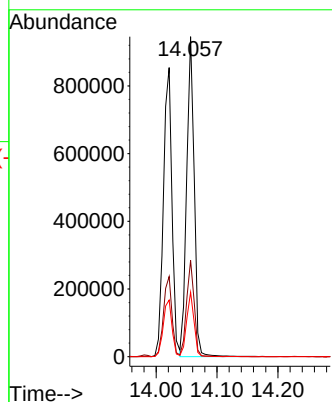
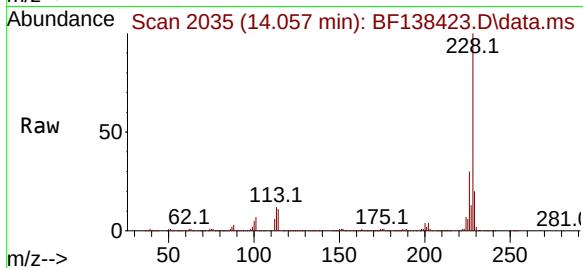
Tgt Ion:228 Resp: 816415

Ion Ratio Lower Upper

228 100

226 30.1 23.8 35.6

229 20.1 15.2 22.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.546 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF138423.D

Acq: 02 Jul 2024 12:10

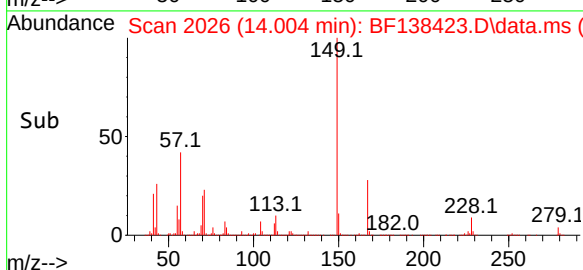
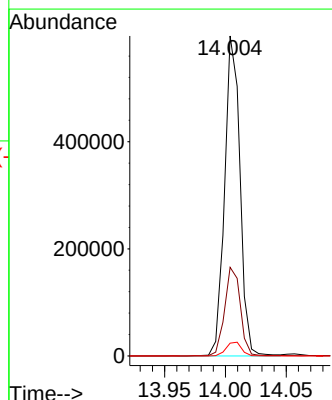
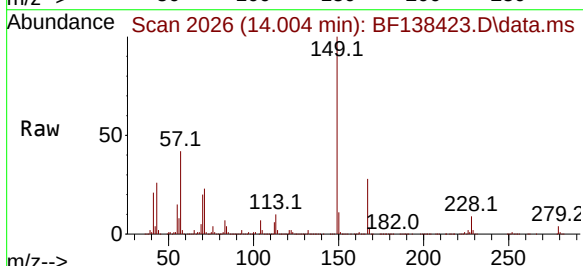
Tgt Ion:149 Resp: 526440

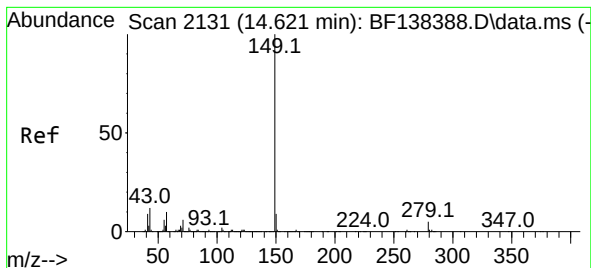
Ion Ratio Lower Upper

149 100

167 27.7 22.6 33.8

279 4.0 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 49.568 ng

RT: 14.621 min Scan# 2131

Delta R.T. 0.000 min

Lab File: BF138423.D

Acq: 02 Jul 2024 12:10

Instrument :

BNA_F

ClientSampleId :

PB161833BS

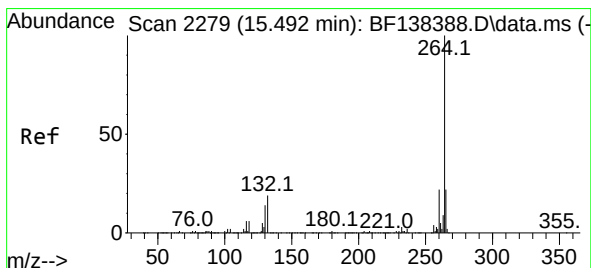
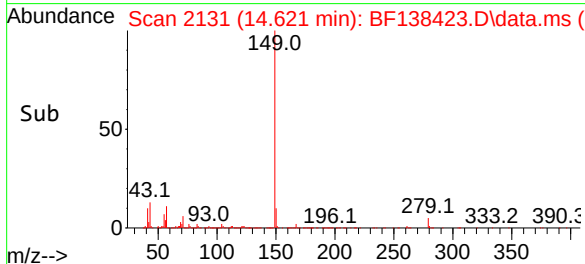
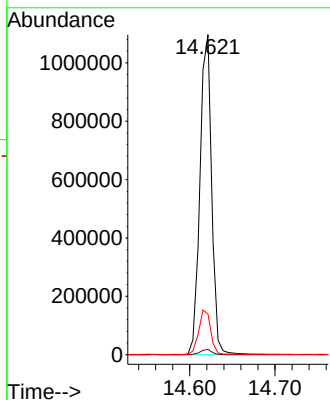
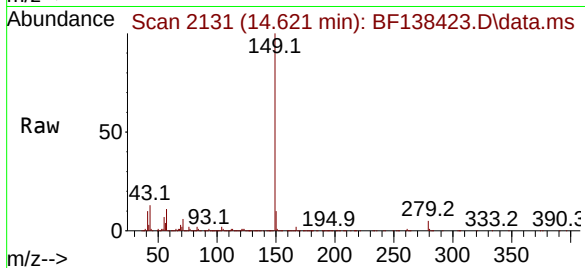
Tgt Ion:149 Resp: 1048895

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 14.1 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: BF138423.D

Acq: 02 Jul 2024 12:10

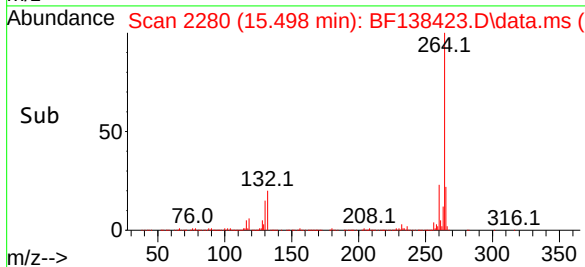
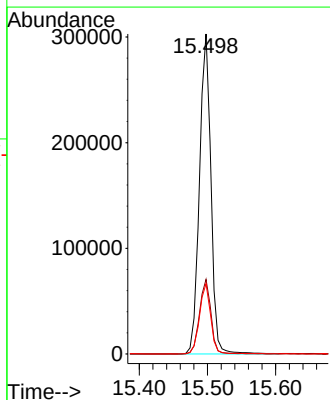
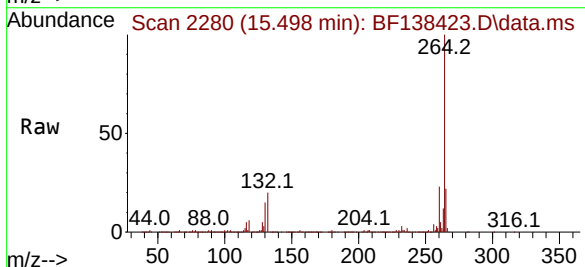
Tgt Ion:264 Resp: 354290

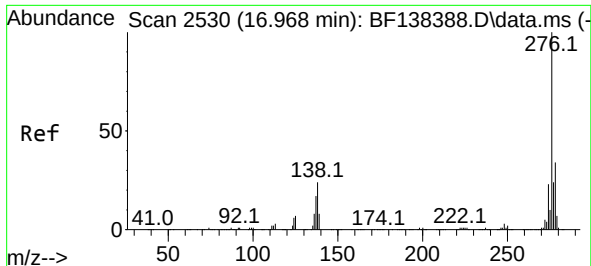
Ion Ratio Lower Upper

264 100

260 23.3 17.8 26.6

265 22.0 17.5 26.3

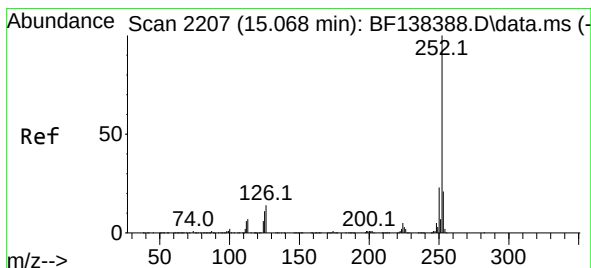
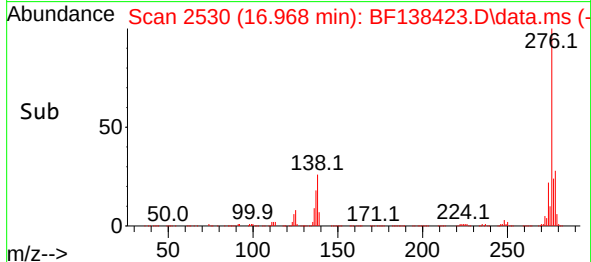
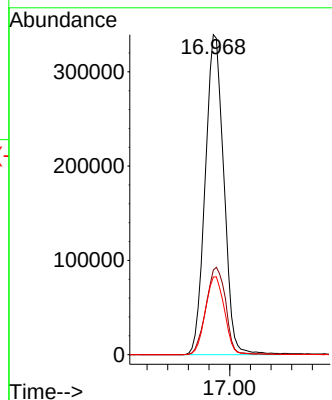
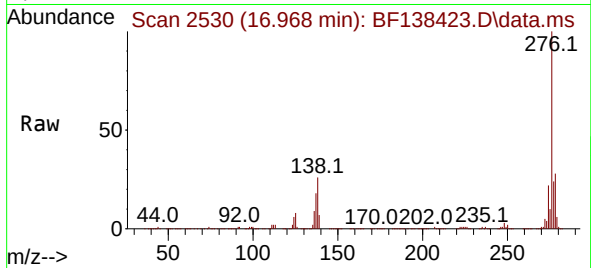




#87
Indeno(1,2,3-cd)pyrene
Concen: 47.598 ng
RT: 16.968 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF138423.D
Acq: 02 Jul 2024 12:10

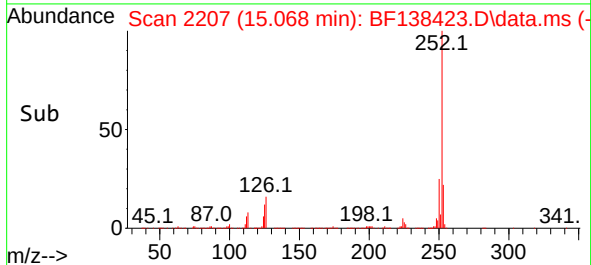
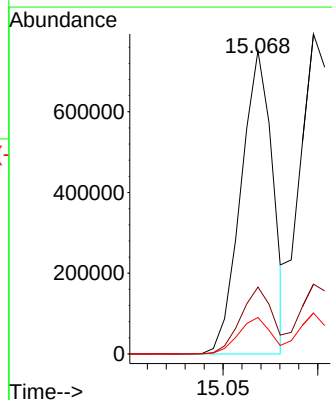
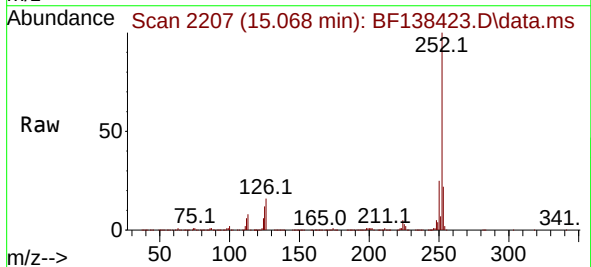
Instrument :
BNA_F
ClientSampleId :
PB161833BS

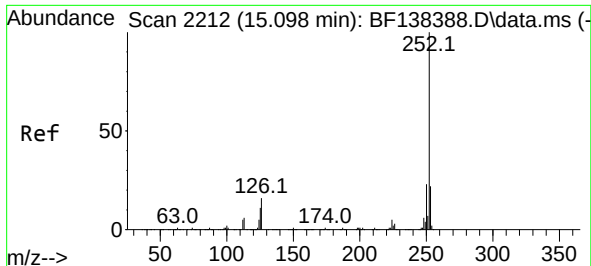
Tgt Ion:276 Resp: 847319
Ion Ratio Lower Upper
276 100
138 29.0 22.1 33.1
277 25.1 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 45.187 ng
RT: 15.068 min Scan# 2207
Delta R.T. 0.000 min
Lab File: BF138423.D
Acq: 02 Jul 2024 12:10

Tgt Ion:252 Resp: 878370
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.4
125 12.0 8.6 12.8

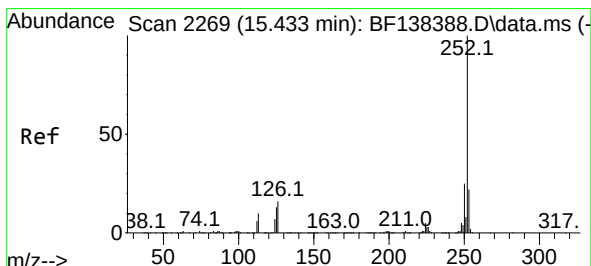
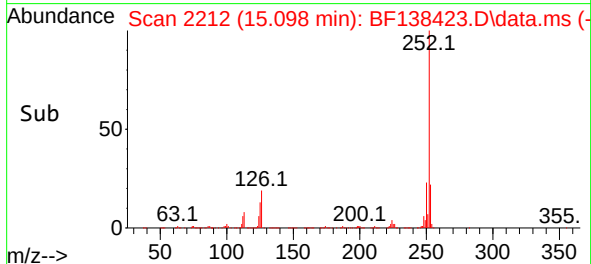
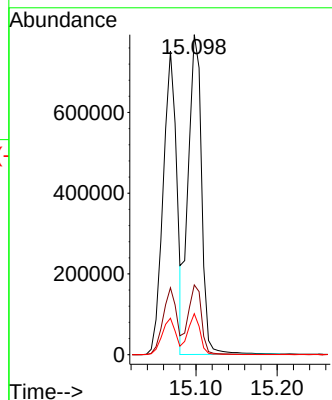
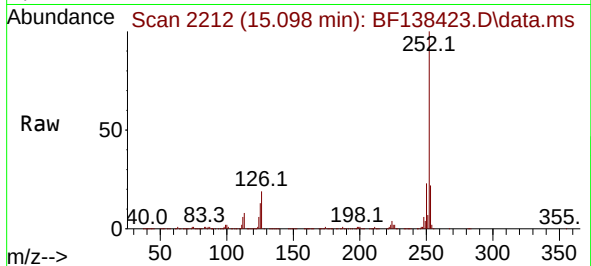




#89
Benzo(k)fluoranthene
Concen: 50.602 ng
RT: 15.098 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF138423.D
Acq: 02 Jul 2024 12:10

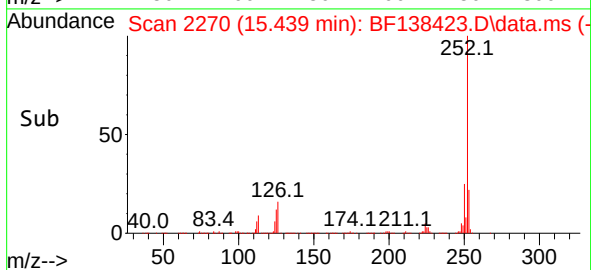
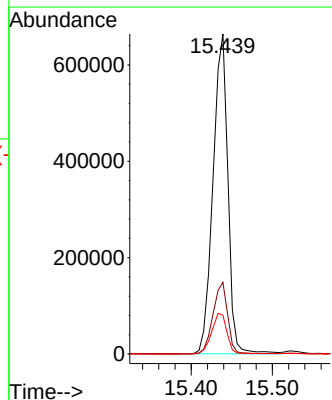
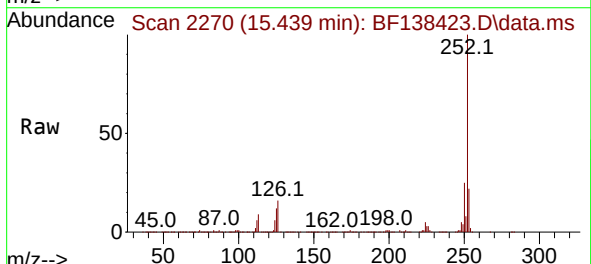
Instrument :
BNA_F
ClientSampleId :
PB161833BS

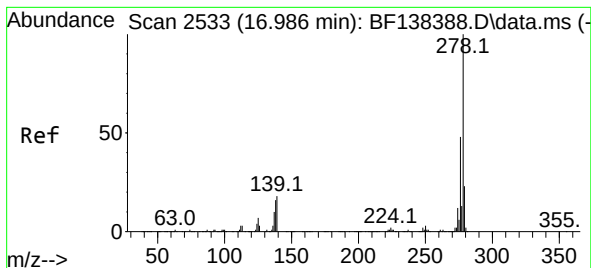
Tgt Ion:252 Resp: 905994
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 12.8 8.7 13.1



#90
Benzo(a)pyrene
Concen: 49.542 ng
RT: 15.439 min Scan# 2270
Delta R.T. 0.006 min
Lab File: BF138423.D
Acq: 02 Jul 2024 12:10

Tgt Ion:252 Resp: 844098
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 12.1 10.2 15.2





#91

Dibenzo(a,h)anthracene

Concen: 47.546 ng

RT: 16.992 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138423.D

Acq: 02 Jul 2024 12:10

Instrument :

BNA_F

ClientSampleId :

PB161833BS

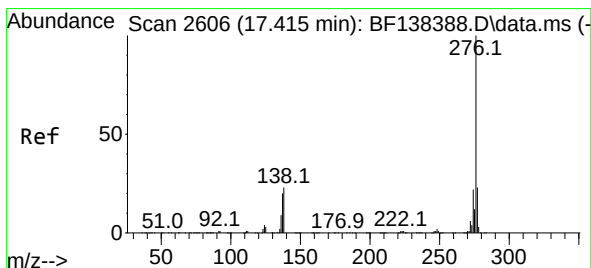
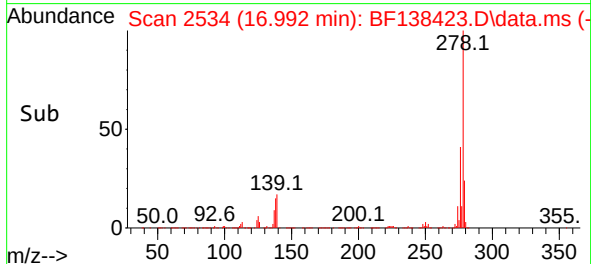
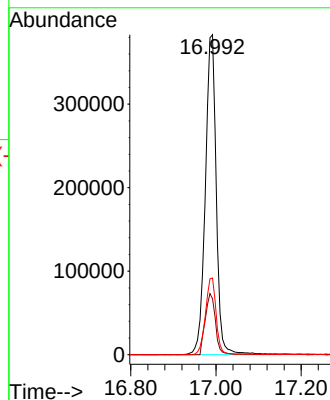
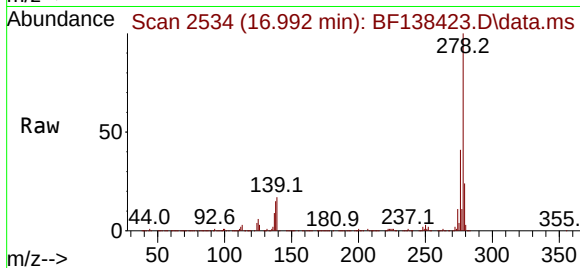
Tgt Ion:278 Resp: 683201

Ion Ratio Lower Upper

278 100

139 17.5 14.3 21.5

279 24.0 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 44.539 ng

RT: 17.415 min Scan# 2606

Delta R.T. 0.000 min

Lab File: BF138423.D

Acq: 02 Jul 2024 12:10

Tgt Ion:276 Resp: 626084

Ion Ratio Lower Upper

276 100

277 24.2 18.3 27.5

138 25.6 18.3 27.5

