

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070524\
 Data File : BF138466.D
 Acq On : 05 Jul 2024 13:53
 Operator : CG\JU
 Sample : PB161920BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161920BS

Quant Time: Jul 05 14:13:57 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	127957	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	520928	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	288551	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	496530	20.000	ng	0.00
76) Chrysene-d12	14.039	240	211767	20.000	ng	# 0.01
86) Perylene-d12	15.504	264	247080	20.000	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1015035	131.519	ng	0.01
7) Phenol-d6	6.522	99	1350280	129.877	ng	0.00
23) Nitrobenzene-d5	7.445	82	892682	89.020	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	323580	137.256	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1491107	82.240	ng	0.00
79) Terphenyl-d14	12.980	244	1298249	84.014	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.728	88	123705	34.029	ng	97
3) Pyridine	3.475	79	307142	35.415	ng	98
4) n-Nitrosodimethylamine	3.440	42	263273	48.659	ng	93
6) Aniline	6.539	93	293889	28.967	ng	95
8) 2-Chlorophenol	6.663	128	406070	49.011	ng	99
9) Benzaldehyde	6.428	77	152366	23.744	ng	98
10) Phenol	6.534	94	517335	46.706	ng	90
11) bis(2-Chloroethyl)ether	6.610	93	384662	44.217	ng	95
12) 1,3-Dichlorobenzene	6.816	146	402291	42.400	ng	99
13) 1,4-Dichlorobenzene	6.892	146	404842	42.554	ng	99
14) 1,2-Dichlorobenzene	7.045	146	390622	44.476	ng	98
15) Benzyl Alcohol	7.022	79	383403	51.487	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	776537	44.254	ng	97
17) 2-Methylphenol	7.134	107	318697	46.413	ng	94
18) Hexachloroethane	7.386	117	150407	43.831	ng	94
19) n-Nitroso-di-n-propyla...	7.292	70	297309	45.362	ng	98
20) 3+4-Methylphenols	7.286	107	391499	49.070	ng	99
22) Acetophenone	7.286	105	537635	45.493	ng	# 98
24) Nitrobenzene	7.463	77	465690	45.658	ng	98
25) Isophorone	7.698	82	829347	44.853	ng	99
26) 2-Nitrophenol	7.775	139	215484	48.981	ng	97
27) 2,4-Dimethylphenol	7.810	122	284063	50.451	ng	97
28) bis(2-Chloroethoxy)met...	7.904	93	482838	43.383	ng	99
29) 2,4-Dichlorophenol	8.016	162	337038	46.606	ng	94
30) 1,2,4-Trichlorobenzene	8.098	180	358190	42.599	ng	99
31) Naphthalene	8.181	128	1149527	43.651	ng	100
32) Benzoic acid	7.957	122	253542	49.158	ng	97
33) 4-Chloroaniline	8.228	127	195535	21.260	ng	99
34) Hexachlorobutadiene	8.292	225	210883	41.773	ng	99
35) Caprolactam	8.610	113	73726	32.285	ng	96
36) 4-Chloro-3-methylphenol	8.716	107	377427	48.998	ng	96
37) 2-Methylnaphthalene	8.869	142	743783	43.701	ng	98
38) 1-Methylnaphthalene	8.969	142	687906	41.676	ng	100
40) 1,2,4,5-Tetrachloroben...	9.033	216	346458	43.408	ng	98
41) Hexachlorocyclopentadiene	9.022	237	273937	116.602	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	231115	45.507	ng	99

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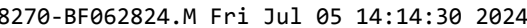
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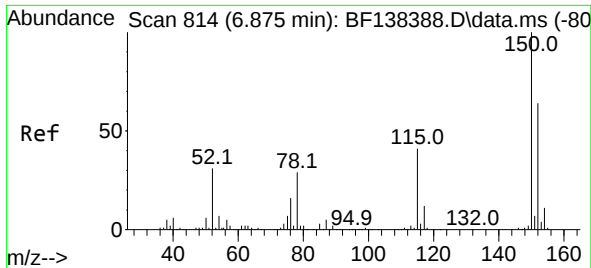
Quant Time: Jul 05 14:13:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	246429	44.616	ng	96
46) 1,1'-Biphenyl	9.333	154	940986	43.675	ng	99
47) 2-Chloronaphthalene	9.363	162	704504	42.887	ng	98
48) 2-Nitroaniline	9.457	65	269617	50.882	ng	92
49) Acenaphthylene	9.775	152	1097585	47.509	ng	99
50) Dimethylphthalate	9.639	163	841155	45.358	ng	99
51) 2,6-Dinitrotoluene	9.698	165	192323	46.306	ng	94
52) Acenaphthene	9.951	154	657567	41.568	ng	99
53) 3-Nitroaniline	9.869	138	138955	33.875	ng	100
54) 2,4-Dinitrophenol	9.980	184	198236	109.177	ng	92
55) Dibenzofuran	10.122	168	981708	45.041	ng	98
56) 4-Nitrophenol	10.045	139	280757	105.561	ng	87
57) 2,4-Dinitrotoluene	10.104	165	252855	49.445	ng	97
58) Fluorene	10.463	166	752411	43.445	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	202660	49.399	ng	99
60) Diethylphthalate	10.333	149	801312	46.216	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	371677	42.298	ng	96
62) 4-Nitroaniline	10.486	138	182897	48.577	ng	94
63) Azobenzene	10.616	77	859076	46.916	ng	97
65) 4,6-Dinitro-2-methylph...	10.516	198	137613	51.307	ng	94
66) n-Nitrosodiphenylamine	10.574	169	661692	42.926	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	225412	42.235	ng	93
68) Hexachlorobenzene	11.010	284	244499	41.564	ng	95
69) Atrazine	11.098	200	202480	46.849	ng	97
70) Pentachlorophenol	11.204	266	277117	92.816	ng	99
71) Phenanthrene	11.427	178	1117249	46.086	ng	99
72) Anthracene	11.480	178	1126016	46.575	ng	99
73) Carbazole	11.633	167	927803	46.225	ng	100
74) Di-n-butylphthalate	11.957	149	1157390	45.501	ng	99
75) Fluoranthene	12.610	202	1001610	46.085	ng	99
77) Benzidine	12.727	184	61431	36.277	ng	98
78) Pyrene	12.839	202	986950	43.606	ng	99
80) Butylbenzylphthalate	13.451	149	317696	46.128	ng	94
81) Benzo(a)anthracene	14.027	228	651663	47.810	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	169292	42.068	ng	98
83) Chrysene	14.062	228	619294	46.693	ng	98
84) Bis(2-ethylhexyl)phtha...	14.010	149	363777	42.118	ng	99
85) Di-n-octyl phthalate	14.621	149	651753	43.111	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	649516	52.318	ng	97
88) Benzo(b)fluoranthene	15.074	252	674188	49.732	ng	99
89) Benzo(k)fluoranthene	15.109	252	605858	48.521	ng	99
90) Benzo(a)pyrene	15.445	252	610895	51.412	ng	98
91) Dibenzo(a,h)anthracene	17.003	278	521895	52.080	ng	97
92) Benzo(g,h,i)perylene	17.433	276	485625	49.537	ng	98

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

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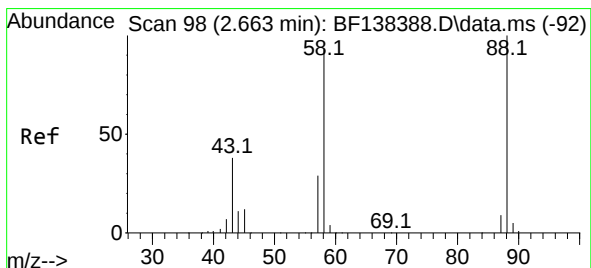
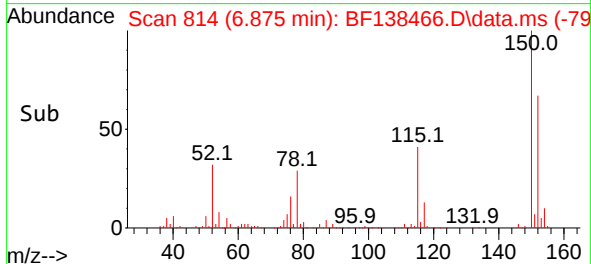
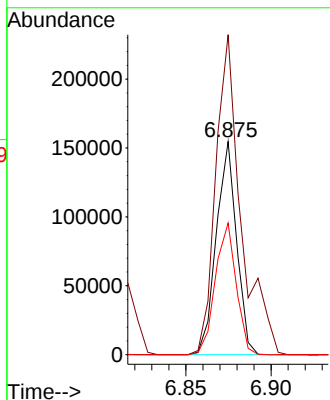
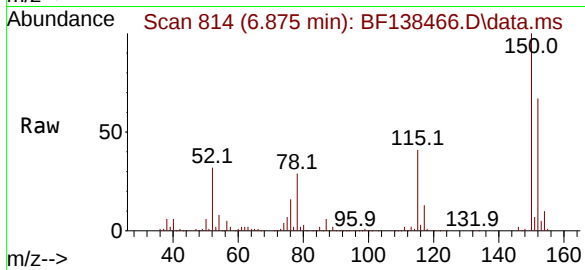




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: BF138466.D
 Acq: 05 Jul 2024 13:53

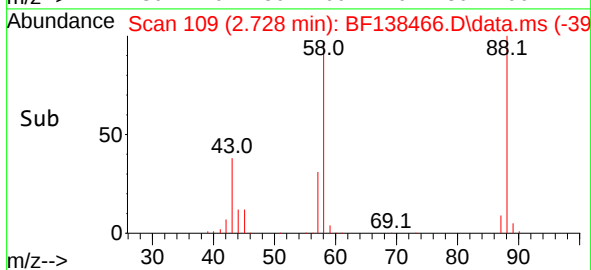
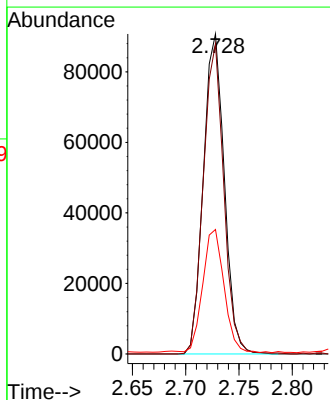
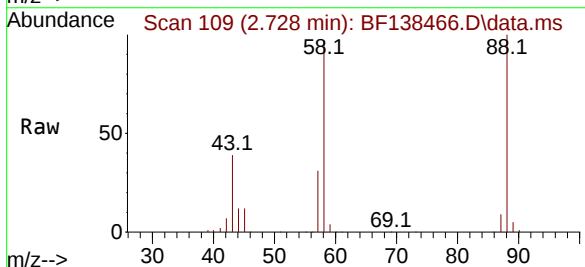
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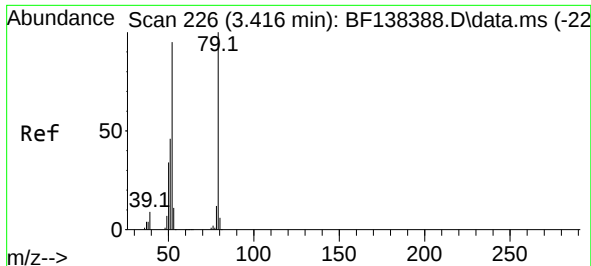
Tgt Ion:152 Resp: 127957
 Ion Ratio Lower Upper
 152 100
 150 150.1 124.9 187.3
 115 61.8 50.8 76.2



#2
 1,4-Dioxane
 Concen: 34.029 ng
 RT: 2.728 min Scan# 109
 Delta R.T. 0.065 min
 Lab File: BF138466.D
 Acq: 05 Jul 2024 13:53

Tgt Ion: 88 Resp: 123705
 Ion Ratio Lower Upper
 88 100
 58 95.0 73.7 110.5
 43 39.7 30.1 45.1





#3

Pyridine

Concen: 35.415 ng

RT: 3.475 min Scan# 21

Delta R.T. 0.059 min

Lab File: BF138466.D

Acq: 05 Jul 2024 13:53

Instrument :

BNA_F

ClientSampleId :

PB161920BS

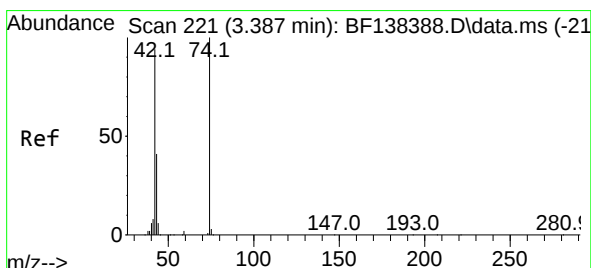
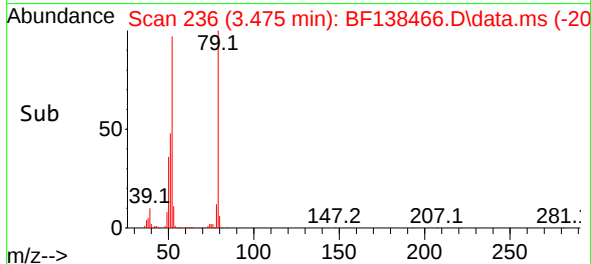
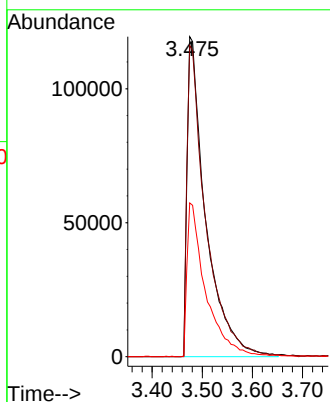
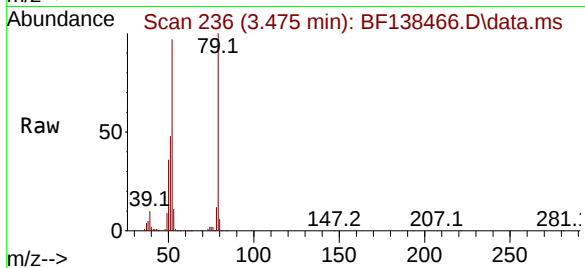
Tgt Ion: 79 Resp: 307142

Ion Ratio Lower Upper

79 100

52 97.2 76.2 114.2

51 48.0 36.7 55.1



#4

n-Nitrosodimethylamine

Concen: 48.659 ng

RT: 3.440 min Scan# 230

Delta R.T. 0.053 min

Lab File: BF138466.D

Acq: 05 Jul 2024 13:53

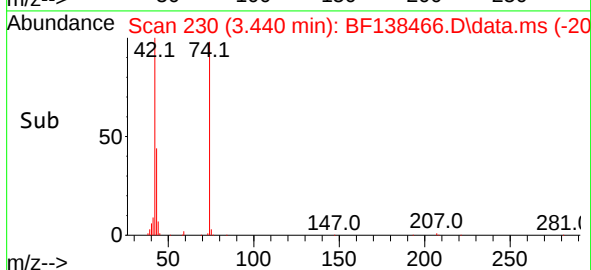
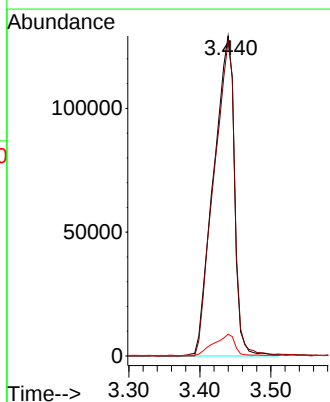
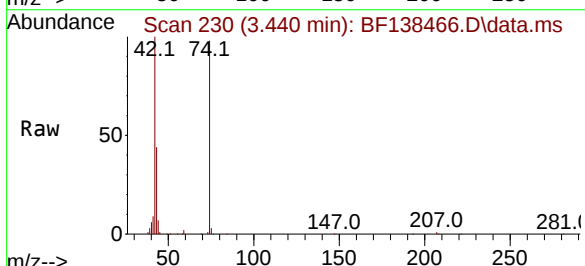
Tgt Ion: 42 Resp: 263273

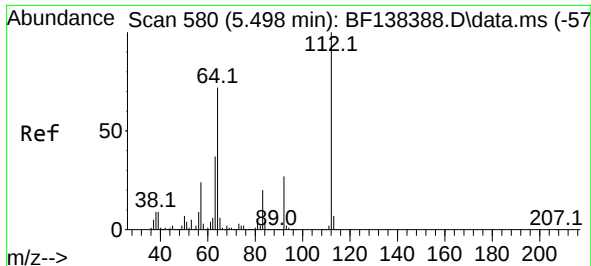
Ion Ratio Lower Upper

42 100

74 98.4 85.1 127.7

44 6.8 5.5 8.3

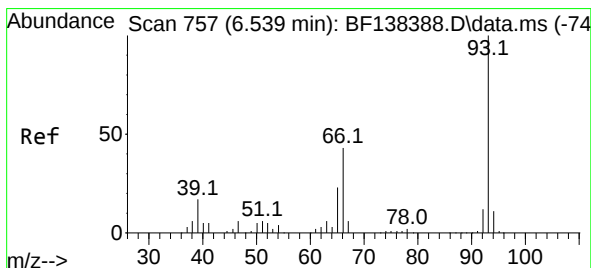
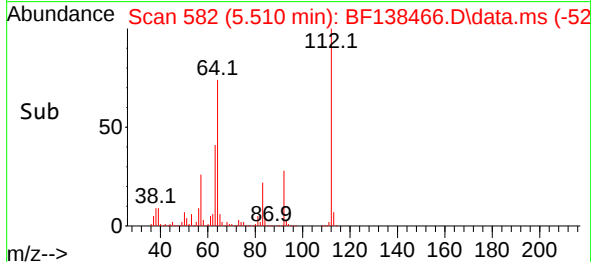
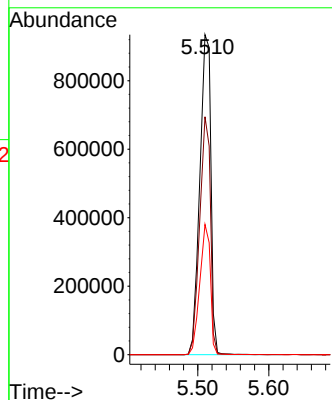
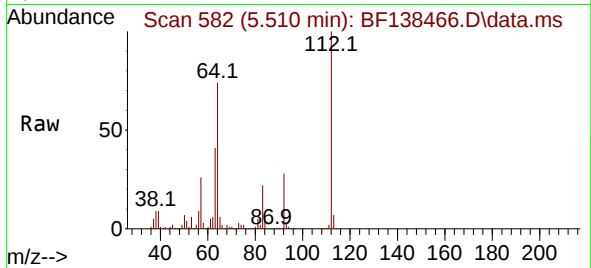




#5
2-Fluorophenol
Concen: 131.519 ng
RT: 5.510 min Scan# 510
Delta R.T. 0.012 min
Lab File: BF138466.D
Acq: 05 Jul 2024 13:53

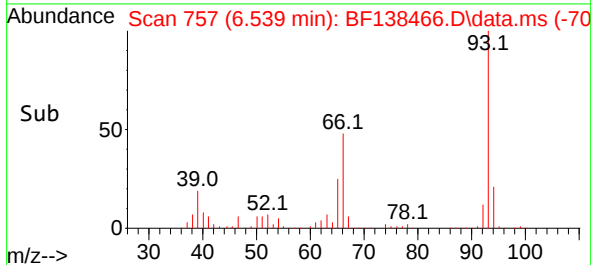
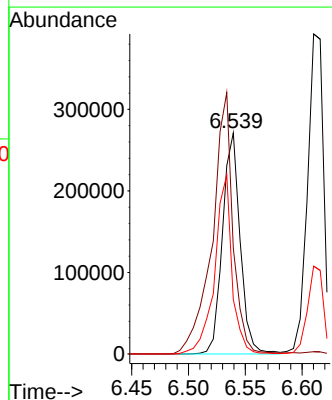
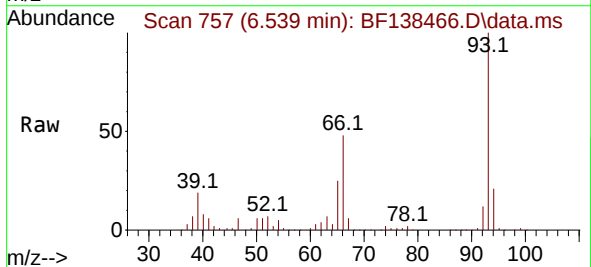
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ClientSampleId :
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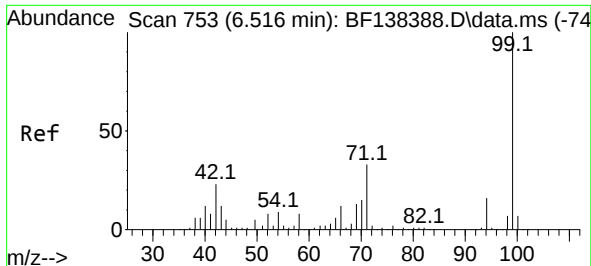
Tgt Ion:112 Resp: 1015035
Ion Ratio Lower Upper
112 100
64 74.3 57.2 85.8
63 40.7 29.4 44.0



#6
Aniline
Concen: 28.967 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.000 min
Lab File: BF138466.D
Acq: 05 Jul 2024 13:53

Tgt Ion: 93 Resp: 293889
Ion Ratio Lower Upper
93 100
66 47.7 34.7 52.1
65 24.6 18.5 27.7

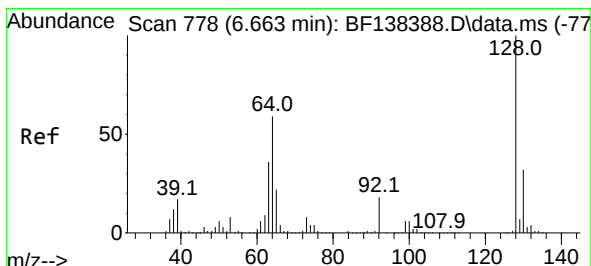
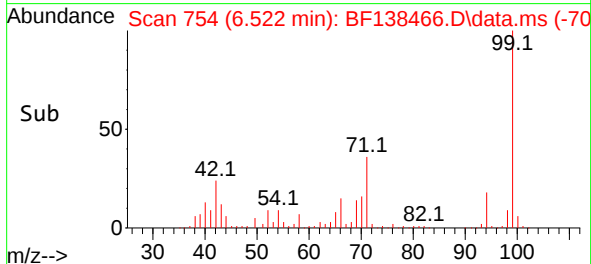
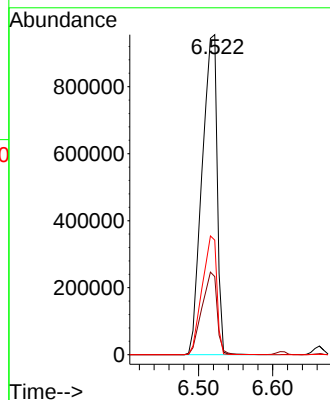
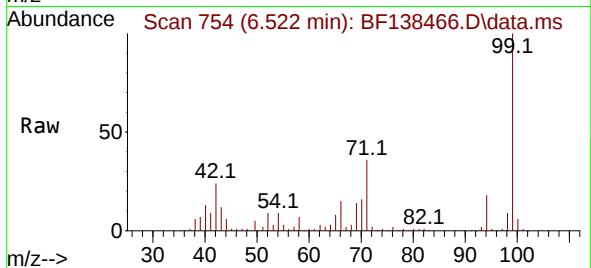




#7
Phenol-d6
Concen: 129.877 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF138466.D
Acq: 05 Jul 2024 13:53

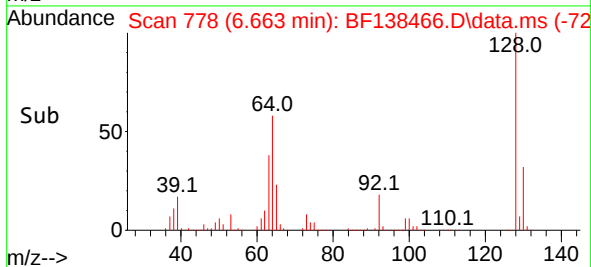
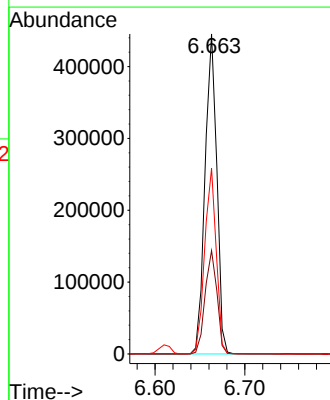
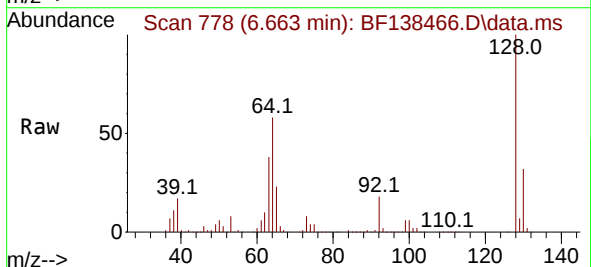
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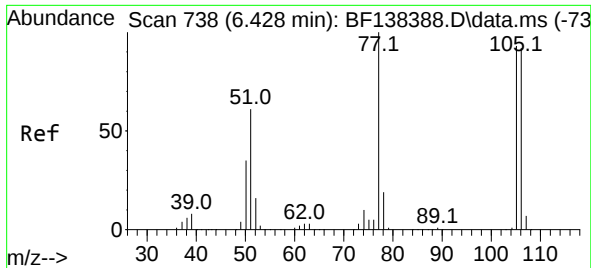
Tgt Ion: 99 Resp: 1350280
Ion Ratio Lower Upper
99 100
42 24.4 18.5 27.7
71 35.8 26.1 39.1



#8
2-Chlorophenol
Concen: 49.011 ng
RT: 6.663 min Scan# 778
Delta R.T. -0.000 min
Lab File: BF138466.D
Acq: 05 Jul 2024 13:53

Tgt Ion: 128 Resp: 406070
Ion Ratio Lower Upper
128 100
130 32.3 12.3 52.3
64 58.0 39.6 79.6



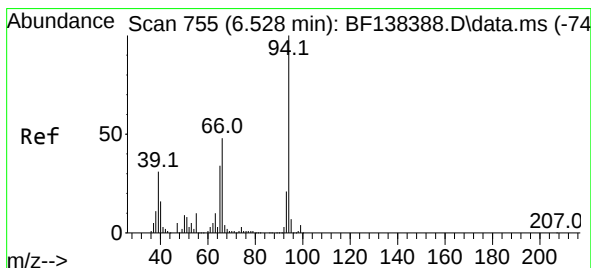
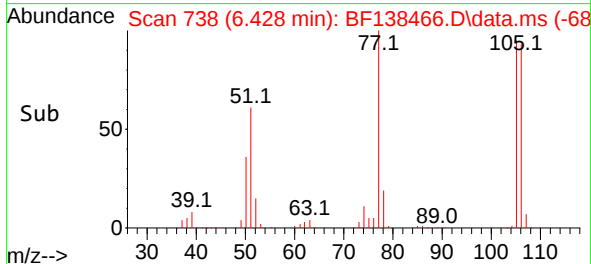
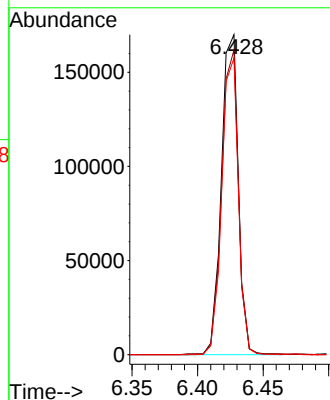
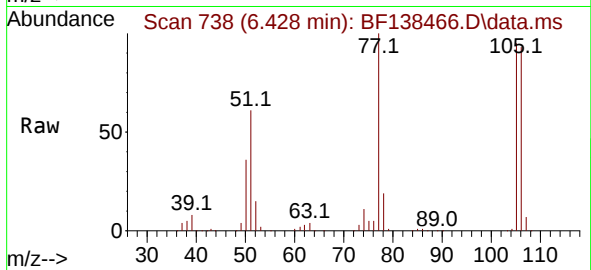


#9
Benzaldehyde
Concen: 23.744 ng
RT: 6.428 min Scan# 714
Delta R.T. -0.000 min
Lab File: BF138466.D
Acq: 05 Jul 2024 13:53

Instrument :
BNA_F
ClientSampleId :
PB161920BS

Tgt Ion: 77 Resp: 152366

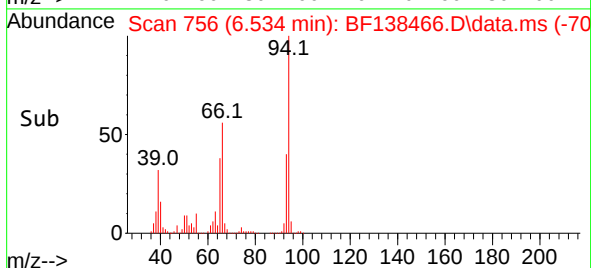
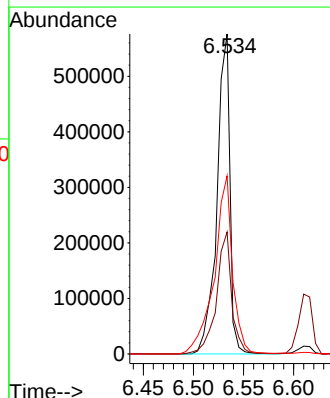
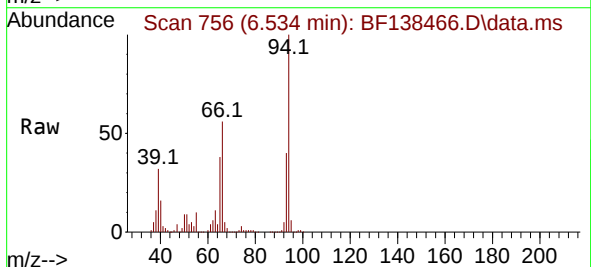
Ion	Ratio	Lower	Upper
77	100		
105	95.2	73.2	113.2
106	92.7	71.5	111.5

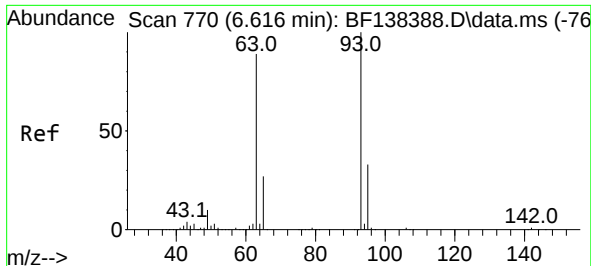


#10
Phenol
Concen: 46.706 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.006 min
Lab File: BF138466.D
Acq: 05 Jul 2024 13:53

Tgt Ion: 94 Resp: 517335

Ion	Ratio	Lower	Upper
94	100		
65	38.1	14.2	54.2
66	55.7	27.9	67.9



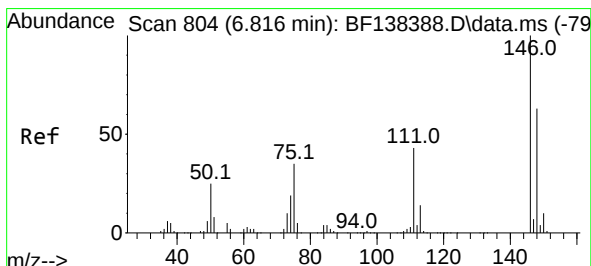
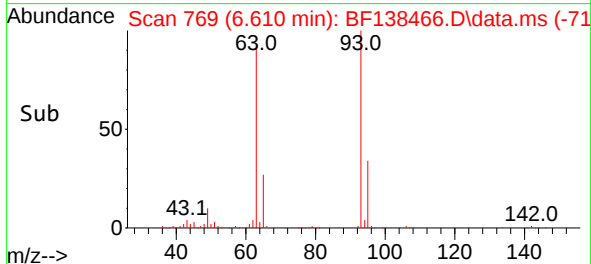
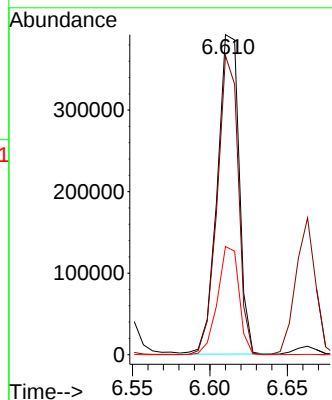
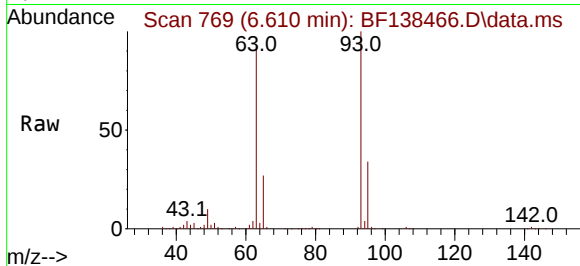


#11
bis(2-Chloroethyl)ether
Concen: 44.217 ng
RT: 6.610 min Scan# 770
Delta R.T. -0.006 min
Lab File: BF138466.D
Acq: 05 Jul 2024 13:53

Instrument :
BNA_F
ClientSampleId :
PB161920BS

Tgt Ion: 93 Resp: 384662

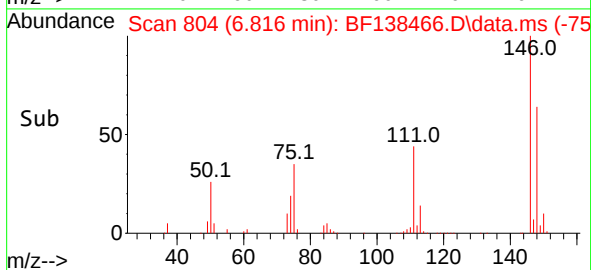
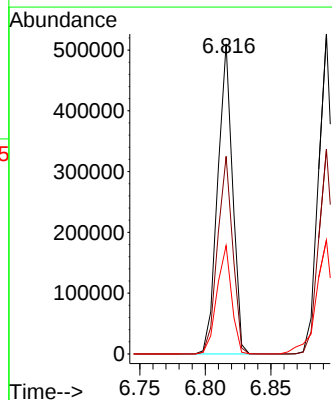
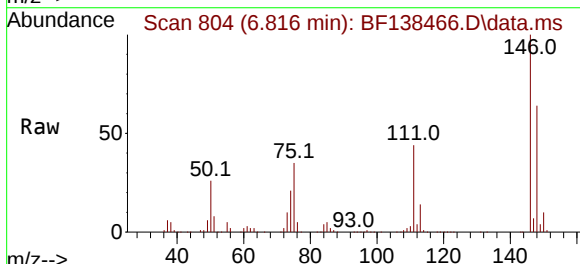
Ion	Ratio	Lower	Upper
93	100		
63	93.4	68.2	108.2
95	33.8	12.4	52.4

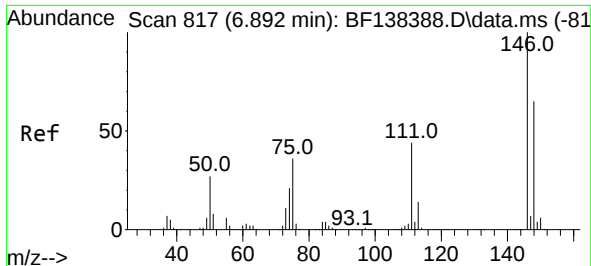


#12
1,3-Dichlorobenzene
Concen: 42.400 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF138466.D
Acq: 05 Jul 2024 13:53

Tgt Ion:146 Resp: 402291

Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.3	75.5
75	35.0	27.8	41.6

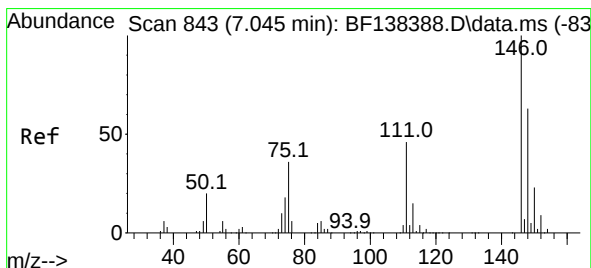
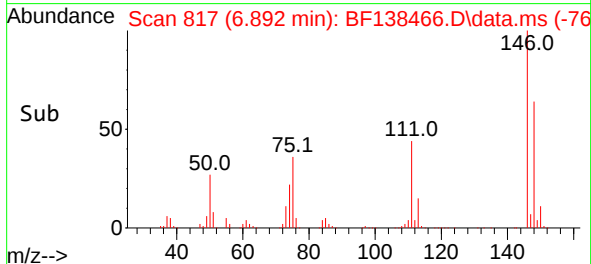
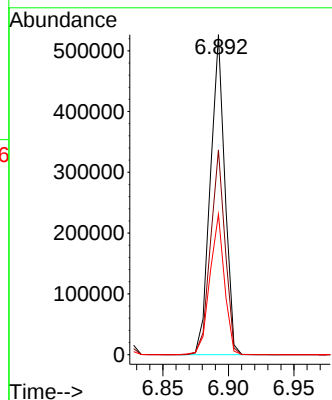
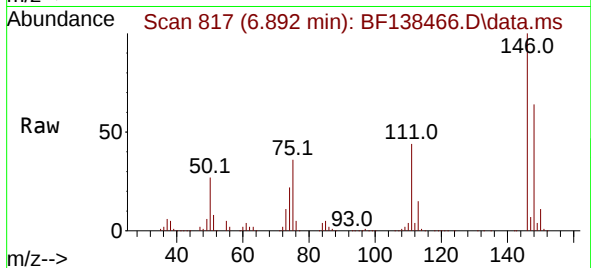




#13
1,4-Dichlorobenzene
Concen: 42.554 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF138466.D
Acq: 05 Jul 2024 13:53

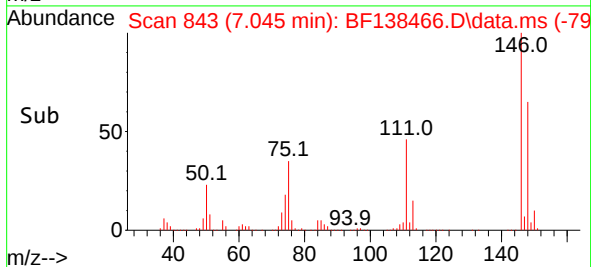
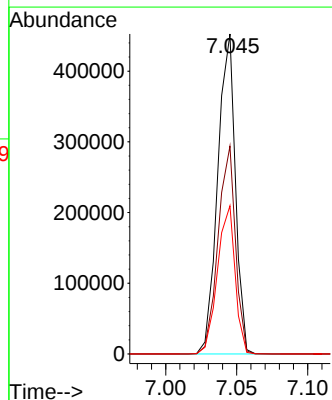
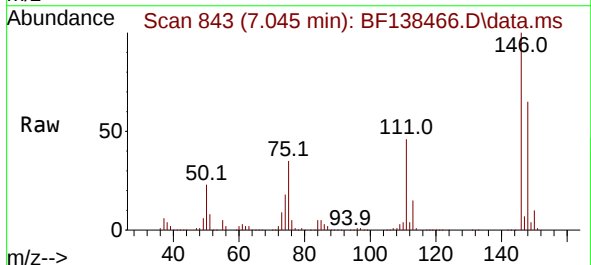
Instrument :
BNA_F
ClientSampleId :
PB161920BS

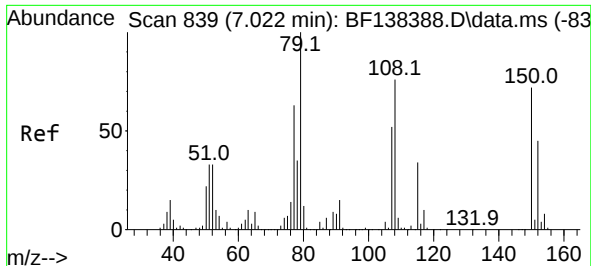
Tgt Ion:146 Resp: 404842
Ion Ratio Lower Upper
146 100
148 64.0 52.0 78.0
111 43.9 35.4 53.0



#14
1,2-Dichlorobenzene
Concen: 44.476 ng
RT: 7.045 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF138466.D
Acq: 05 Jul 2024 13:53

Tgt Ion:146 Resp: 390622
Ion Ratio Lower Upper
146 100
148 64.9 50.3 75.5
111 46.3 37.1 55.7





#15

Benzyl Alcohol

Concen: 51.487 ng

RT: 7.022 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF138466.D

Acq: 05 Jul 2024 13:53

Instrument :

BNA_F

ClientSampleId :

PB161920BS

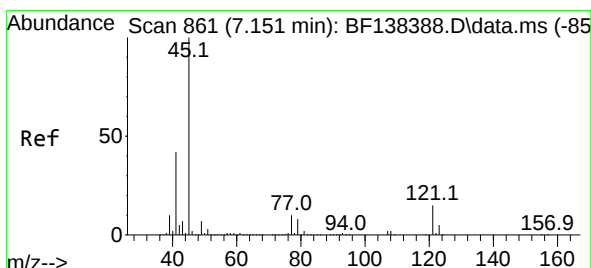
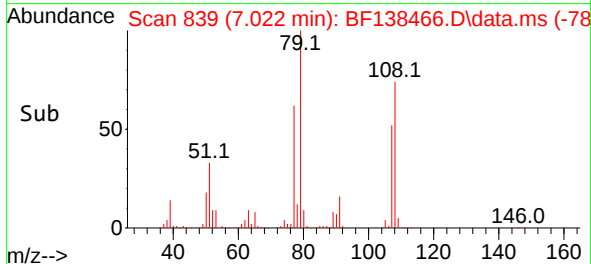
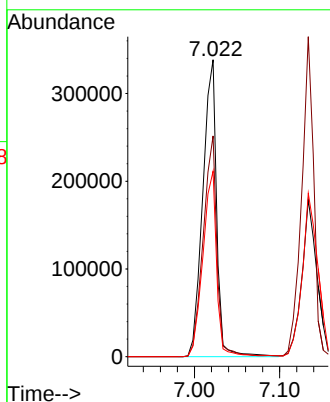
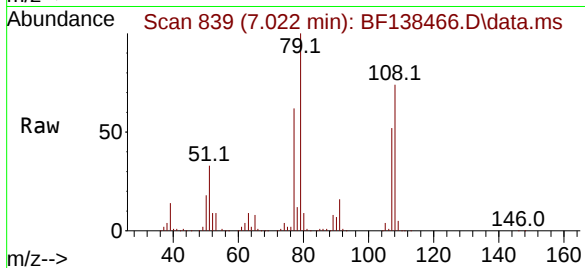
Tgt Ion: 79 Resp: 383403

Ion Ratio Lower Upper

79 100

108 74.3 60.9 91.3

77 62.4 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.254 ng

RT: 7.145 min Scan# 860

Delta R.T. -0.006 min

Lab File: BF138466.D

Acq: 05 Jul 2024 13:53

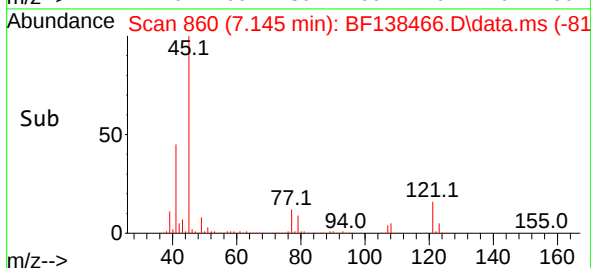
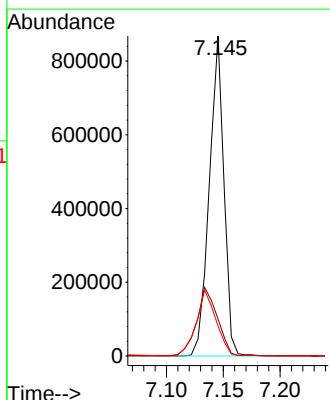
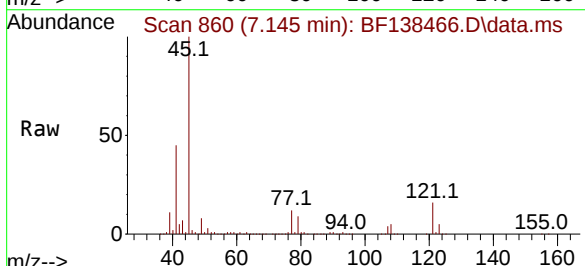
Tgt Ion: 45 Resp: 776537

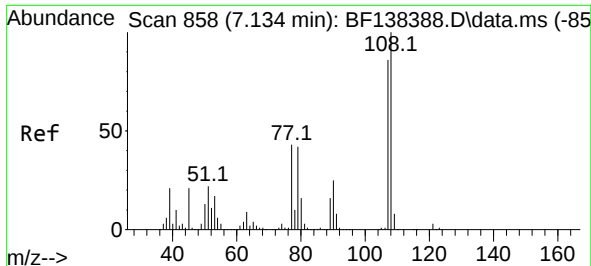
Ion Ratio Lower Upper

45 100

77 11.6 0.0 30.4

79 9.3 0.0 28.1



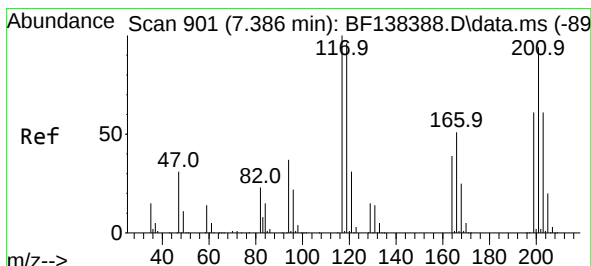
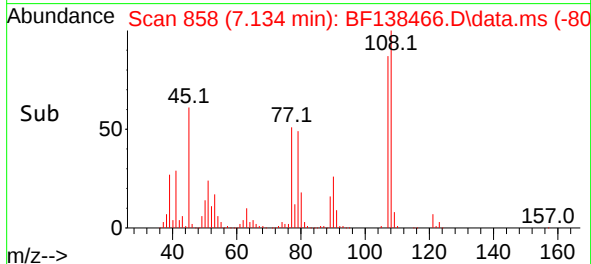
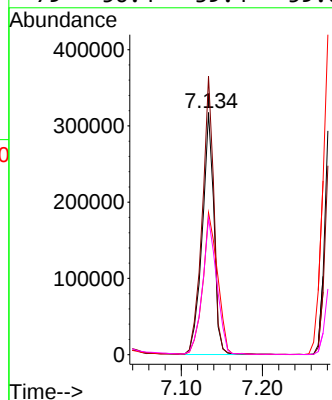
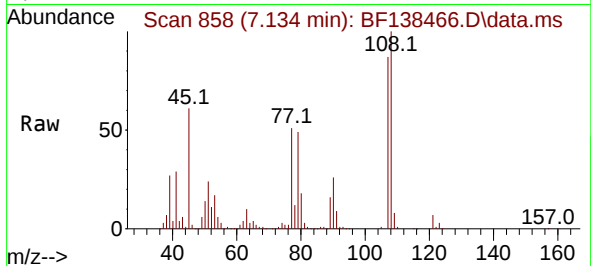


#17
2-Methylphenol
Concen: 46.413 ng
RT: 7.134 min Scan# 858
Delta R.T. -0.000 min
Lab File: BF138466.D
Acq: 05 Jul 2024 13:53

Instrument :
BNA_F
ClientSampleId :
PB161920BS

Tgt Ion:107 Resp: 318697

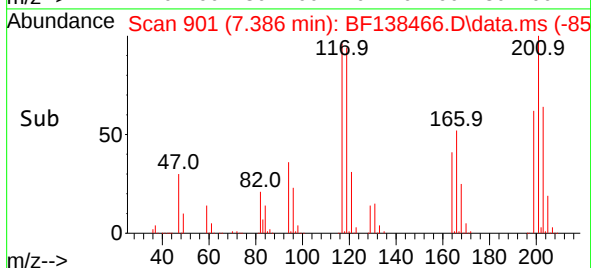
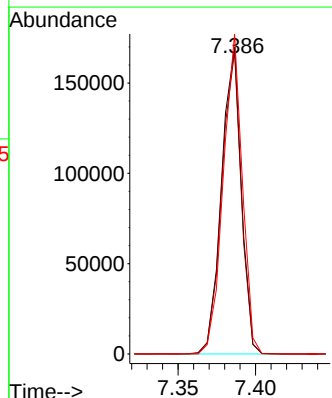
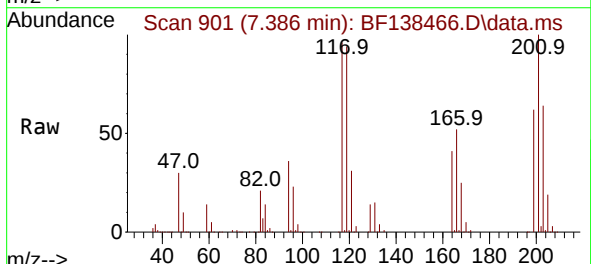
Ion	Ratio	Lower	Upper
107	100		
108	114.9	92.6	138.8
77	58.7	40.3	60.5
79	56.4	39.4	59.0

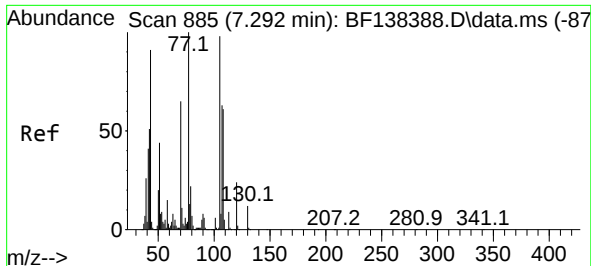


#18
Hexachloroethane
Concen: 43.831 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF138466.D
Acq: 05 Jul 2024 13:53

Tgt Ion:117 Resp: 150407

Ion	Ratio	Lower	Upper
117	100		
119	98.6	77.1	115.7
201	104.3	75.6	113.4



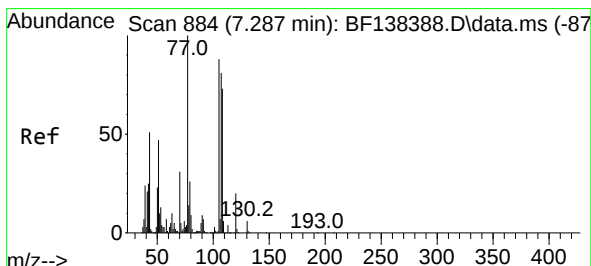
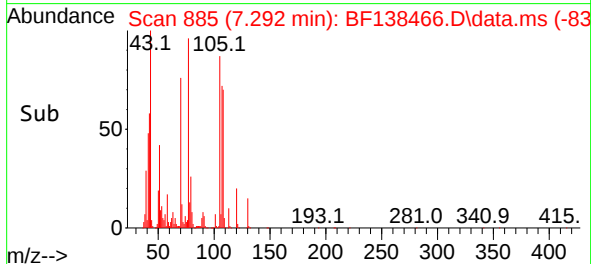
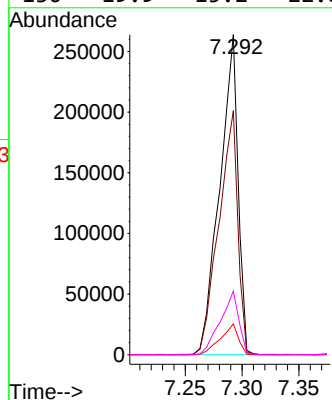
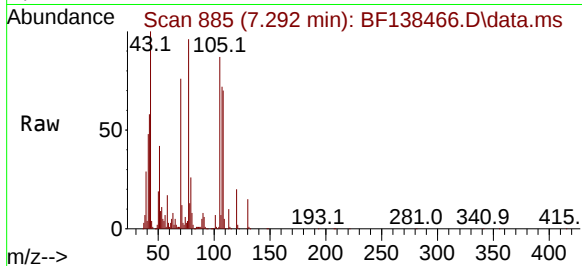


#19
n-Nitroso-di-n-propylamine
Concen: 45.362 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.000 min
Lab File: BF138466.D
Acq: 05 Jul 2024 13:53

Instrument :
BNA_F
ClientSampleId :
PB161920BS

Tgt Ion: 70 Resp: 297309

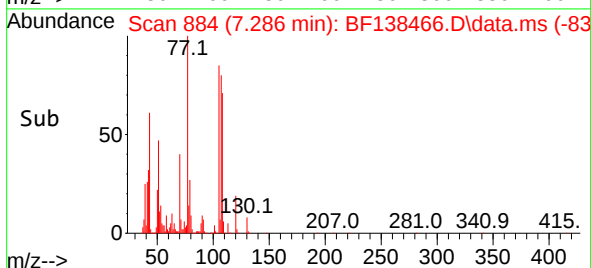
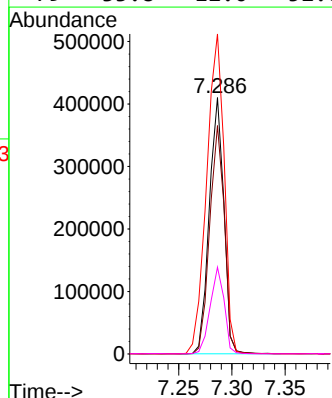
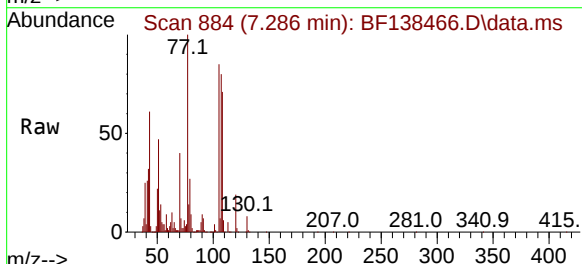
Ion	Ratio	Lower	Upper
70	100		
42	76.3	62.5	93.7
101	9.6	7.0	10.4
130	19.9	15.2	22.8

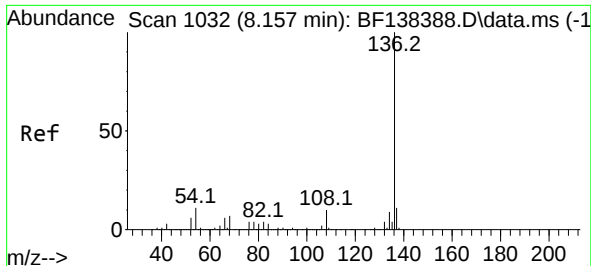


#20
3+4-Methylphenols
Concen: 49.070 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.001 min
Lab File: BF138466.D
Acq: 05 Jul 2024 13:53

Tgt Ion: 107 Resp: 391499

Ion	Ratio	Lower	Upper
107	100		
108	89.1	70.8	110.8
77	124.9	104.0	144.0
79	33.8	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: BF138466.D
Acq: 05 Jul 2024 13:53

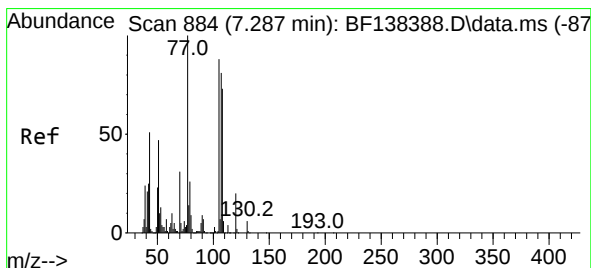
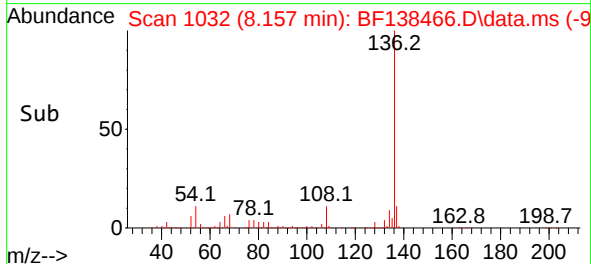
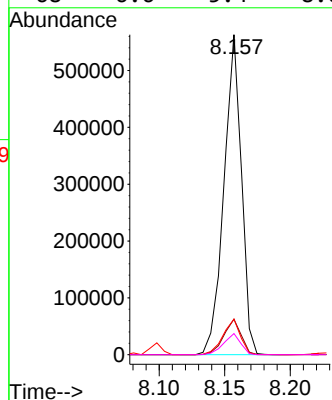
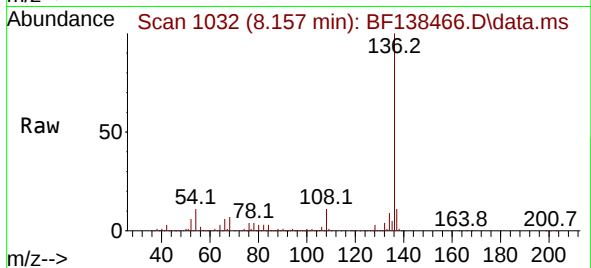
Instrument :

BNA_F

ClientSampleId :

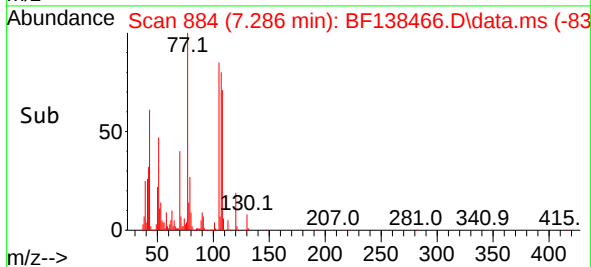
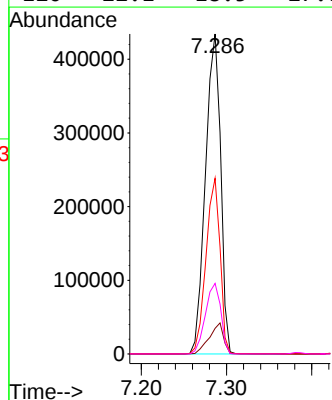
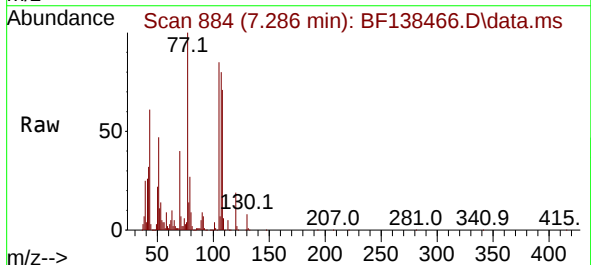
PB161920BS

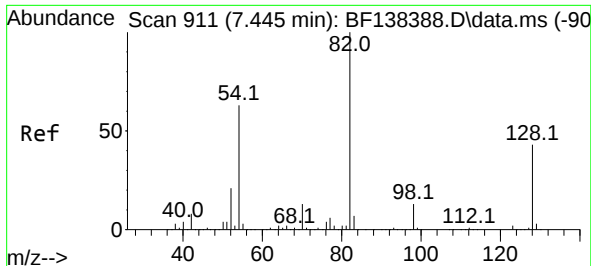
Tgt Ion:136 Resp: 520928
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 11.1 9.0 13.4
68 6.6 5.4 8.0



#22
Acetophenone
Concen: 45.493 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF138466.D
Acq: 05 Jul 2024 13:53

Tgt Ion:105 Resp: 537635
Ion Ratio Lower Upper
105 100
71 8.0 4.7 7.1#
51 54.9 43.2 64.8
120 22.1 18.5 27.7





#23

Nitrobenzene-d5

Concen: 89.020 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.000 min

Lab File: BF138466.D

Acq: 05 Jul 2024 13:53

Instrument :

BNA_F

ClientSampleId :

PB161920BS

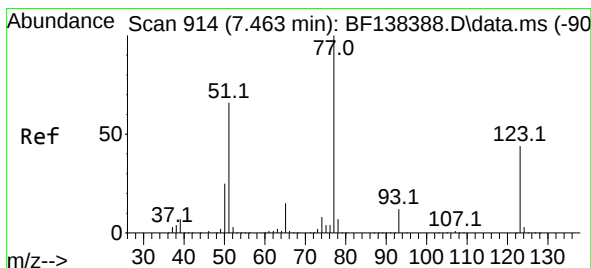
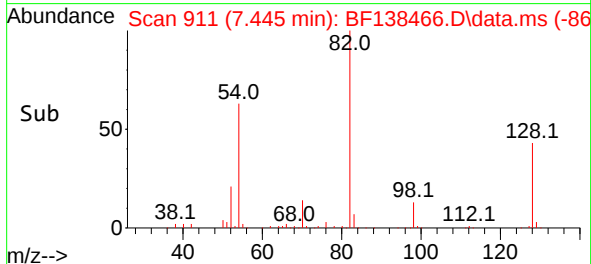
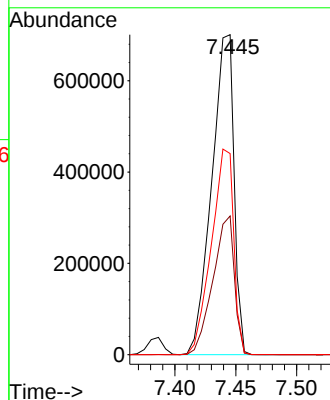
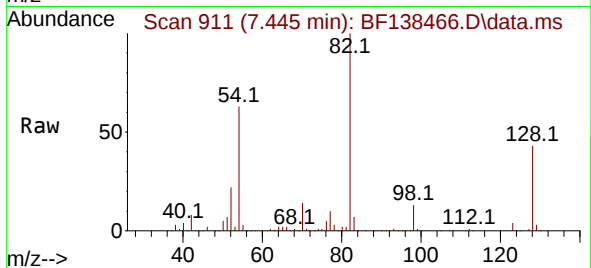
Tgt Ion: 82 Resp: 892682

Ion Ratio Lower Upper

82 100

128 43.3 34.6 52.0

54 62.9 50.5 75.7



#24

Nitrobenzene

Concen: 45.658 ng

RT: 7.463 min Scan# 914

Delta R.T. -0.000 min

Lab File: BF138466.D

Acq: 05 Jul 2024 13:53

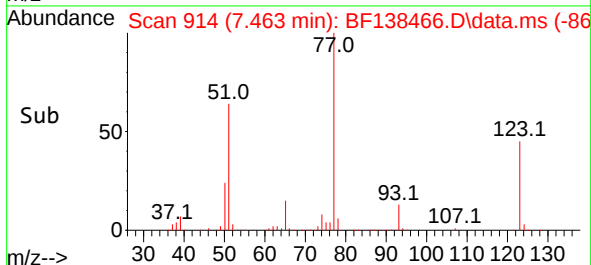
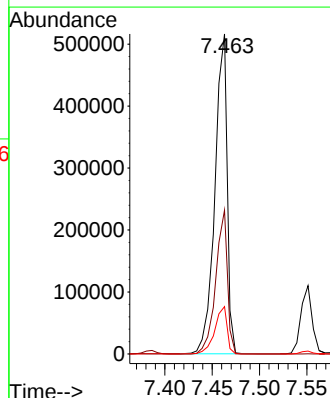
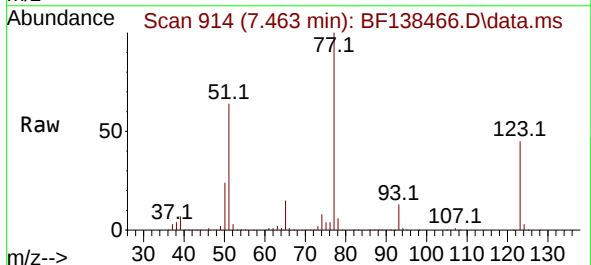
Tgt Ion: 77 Resp: 465690

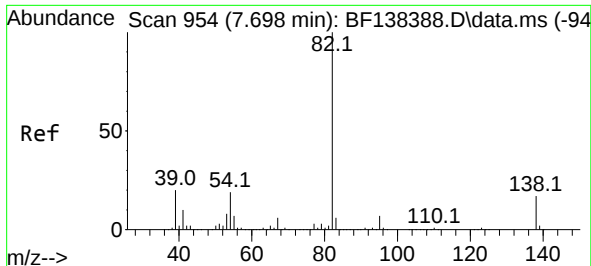
Ion Ratio Lower Upper

77 100

123 44.9 35.0 52.6

65 14.8 12.1 18.1

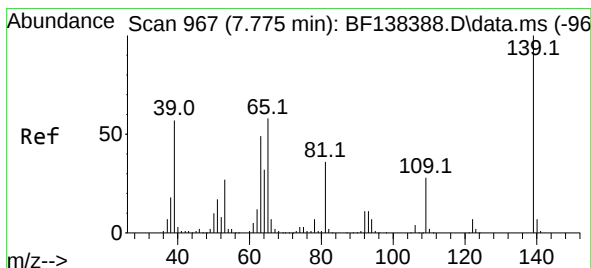
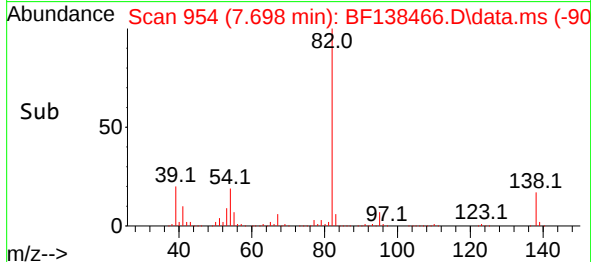
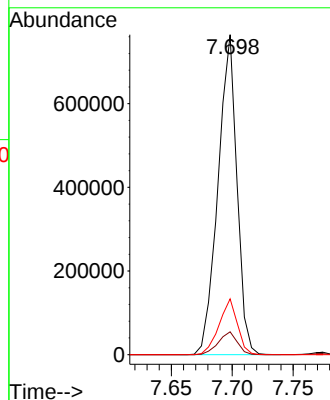
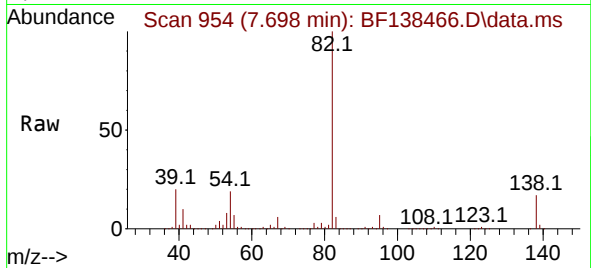




#25
Isophorone
Concen: 44.853 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF138466.D
Acq: 05 Jul 2024 13:53

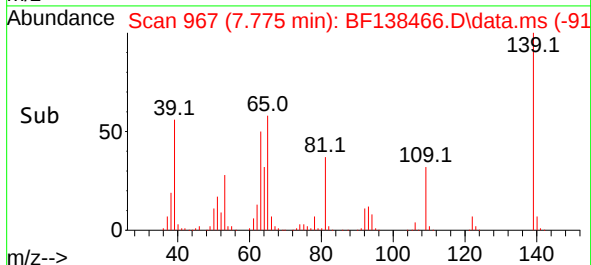
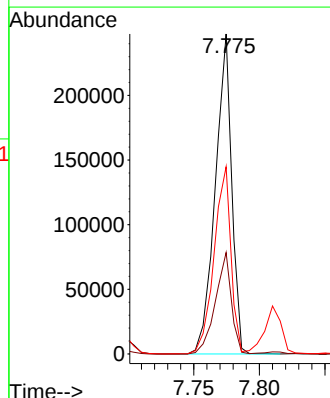
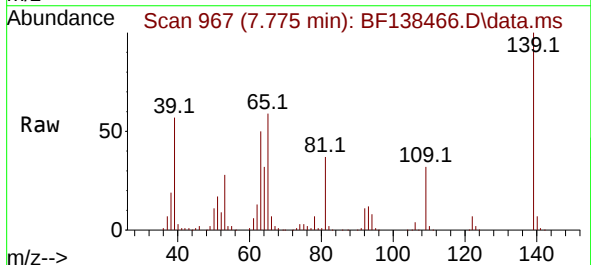
Instrument :
BNA_F
ClientSampleId :
PB161920BS

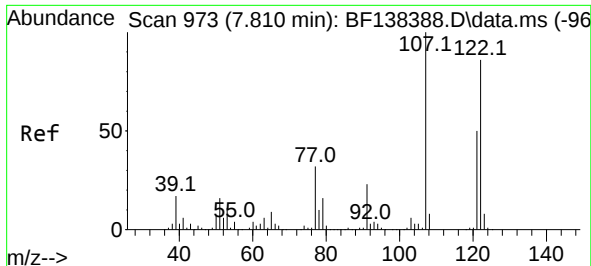
Tgt Ion: 82 Resp: 829347
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 17.5 13.4 20.2



#26
2-Nitrophenol
Concen: 48.981 ng
RT: 7.775 min Scan# 967
Delta R.T. -0.000 min
Lab File: BF138466.D
Acq: 05 Jul 2024 13:53

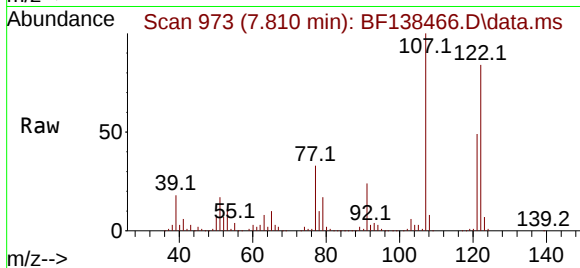
Tgt Ion:139 Resp: 215484
Ion Ratio Lower Upper
139 100
109 31.7 22.5 33.7
65 58.5 46.2 69.2



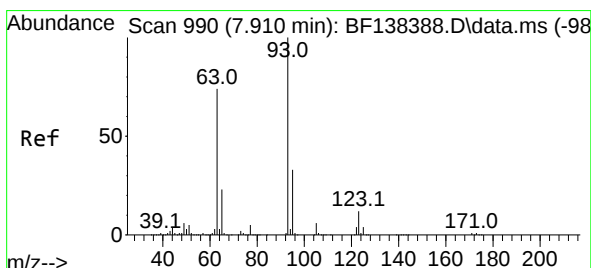
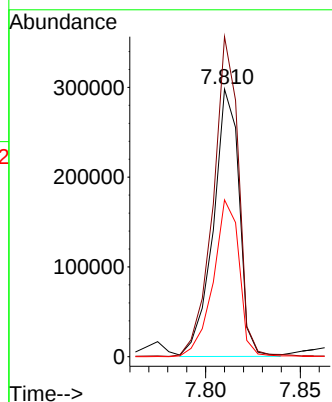
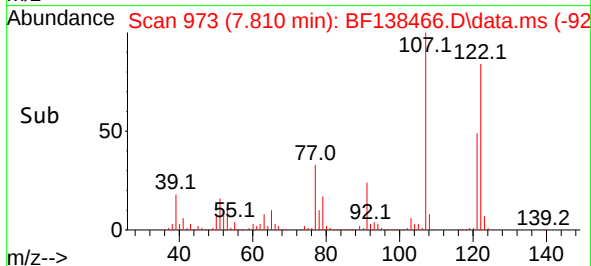


#27
2,4-Dimethylphenol
Concen: 50.451 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF138466.D
Acq: 05 Jul 2024 13:53

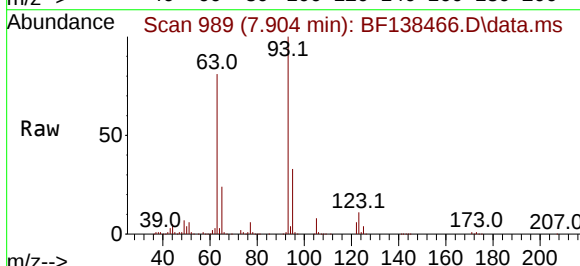
Instrument :
BNA_F
ClientSampleId :
PB161920BS



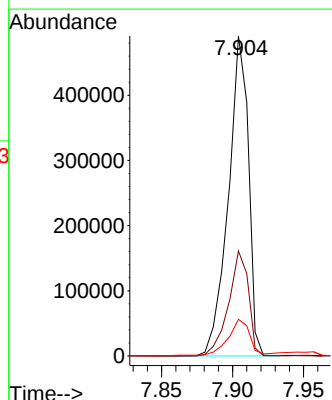
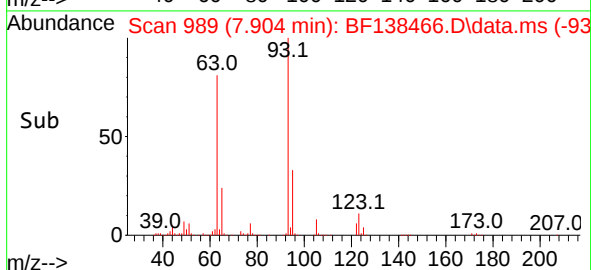
Tgt Ion:122 Resp: 284063
Ion Ratio Lower Upper
122 100
107 119.6 92.5 138.7
121 58.6 46.5 69.7

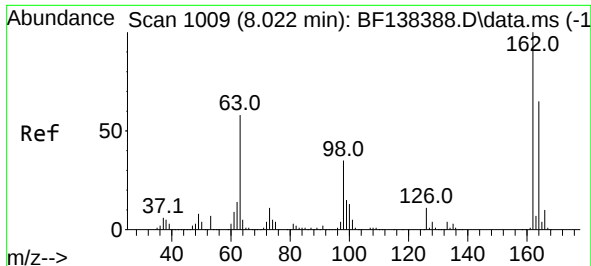


#28
bis(2-Chloroethoxy)methane
Concen: 43.383 ng
RT: 7.904 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF138466.D
Acq: 05 Jul 2024 13:53



Tgt Ion: 93 Resp: 482838
Ion Ratio Lower Upper
93 100
95 32.8 26.6 40.0
123 11.5 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 46.606 ng

RT: 8.016 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF138466.D

Acq: 05 Jul 2024 13:53

Instrument :

BNA_F

ClientSampleId :

PB161920BS

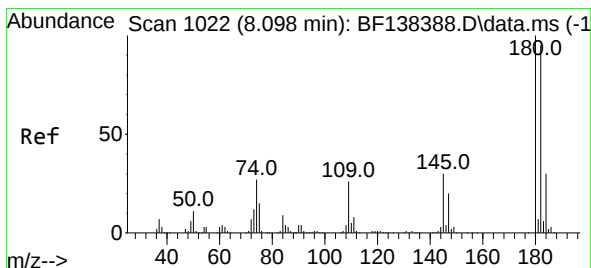
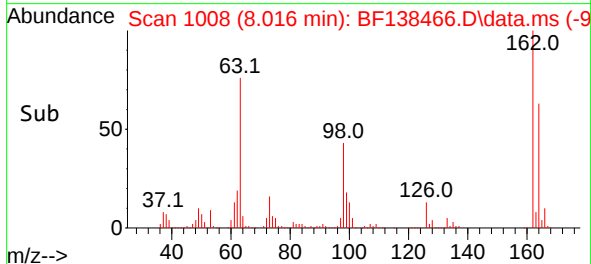
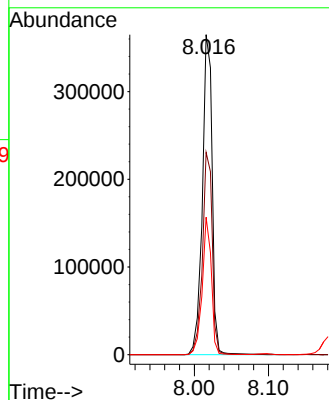
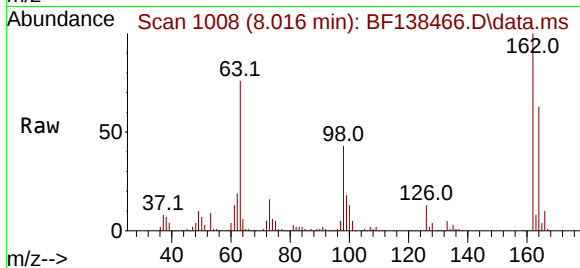
Tgt Ion:162 Resp: 337038

Ion Ratio Lower Upper

162 100

164 63.2 45.4 85.4

98 43.0 15.2 55.2



#30

1,2,4-Trichlorobenzene

Concen: 42.599 ng

RT: 8.098 min Scan# 1022

Delta R.T. 0.000 min

Lab File: BF138466.D

Acq: 05 Jul 2024 13:53

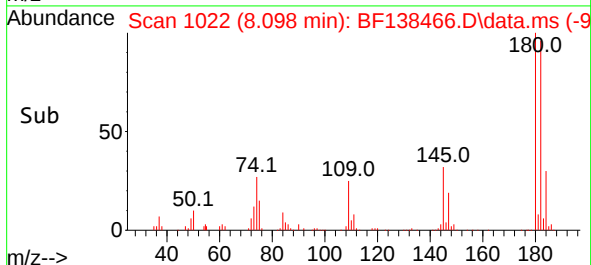
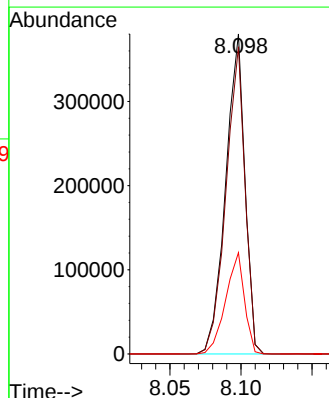
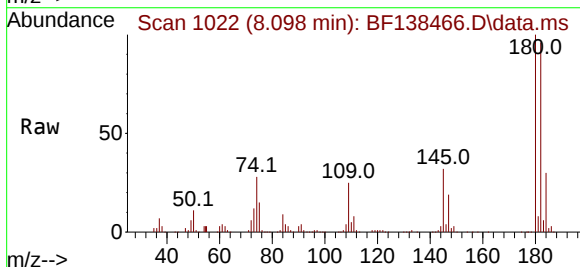
Tgt Ion:180 Resp: 358190

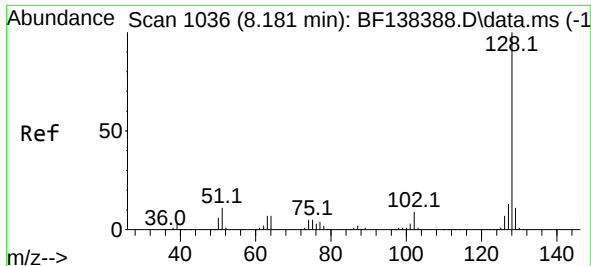
Ion Ratio Lower Upper

180 100

182 96.0 76.0 114.0

145 31.6 24.2 36.2





#31

Naphthalene

Concen: 43.651 ng

RT: 8.181 min Scan# 1036

Delta R.T. -0.000 min

Lab File: BF138466.D

Acq: 05 Jul 2024 13:53

Instrument :

BNA_F

ClientSampleId :

PB161920BS

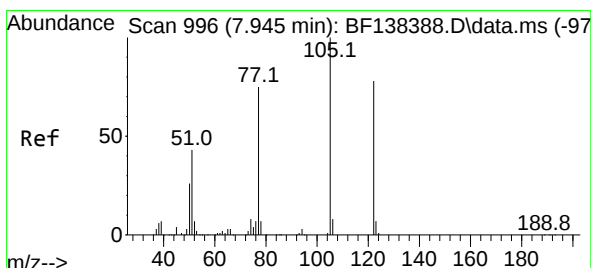
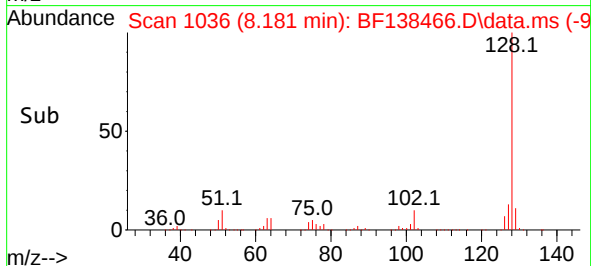
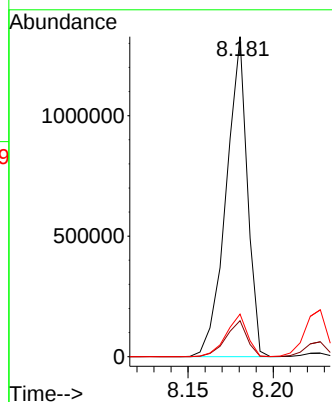
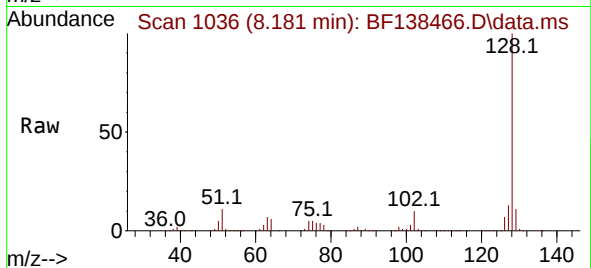
Tgt Ion:128 Resp: 1149527

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

127 13.3 10.6 16.0



#32

Benzoic acid

Concen: 49.158 ng

RT: 7.957 min Scan# 998

Delta R.T. 0.012 min

Lab File: BF138466.D

Acq: 05 Jul 2024 13:53

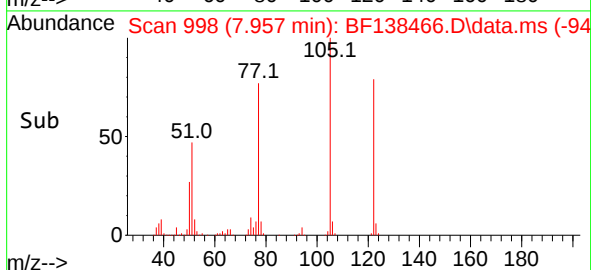
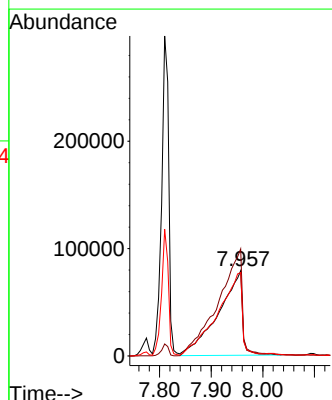
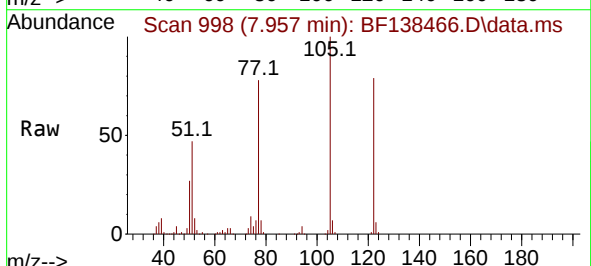
Tgt Ion:122 Resp: 253542

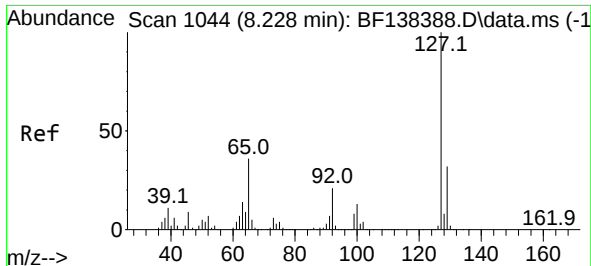
Ion Ratio Lower Upper

122 100

105 125.9 103.8 143.8

77 97.9 74.3 114.3

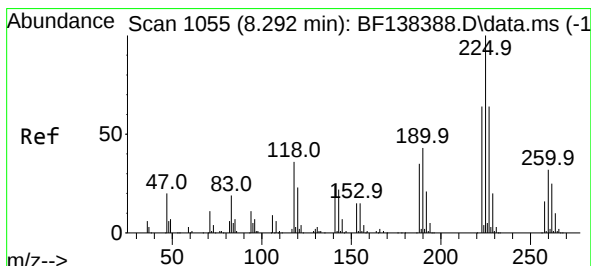
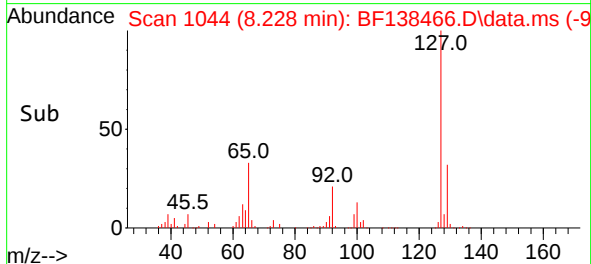
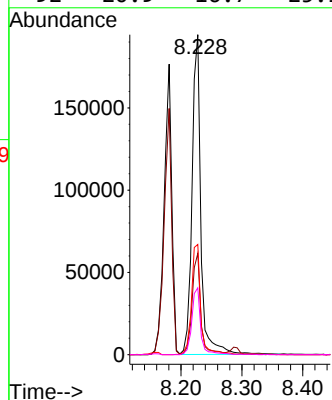
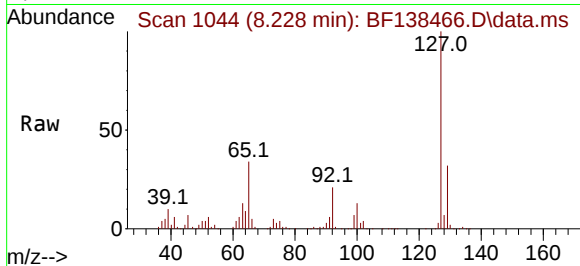




#33
4-Chloroaniline
Concen: 21.260 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BF138466.D
Acq: 05 Jul 2024 13:53

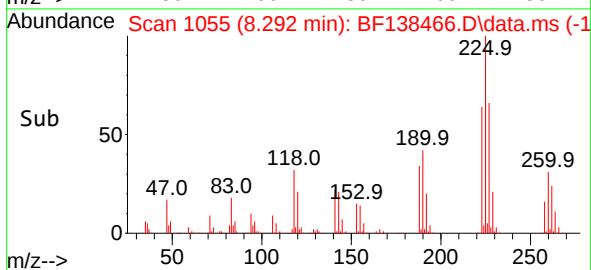
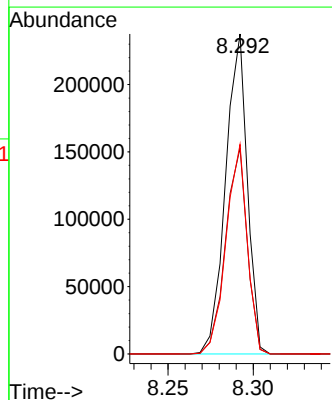
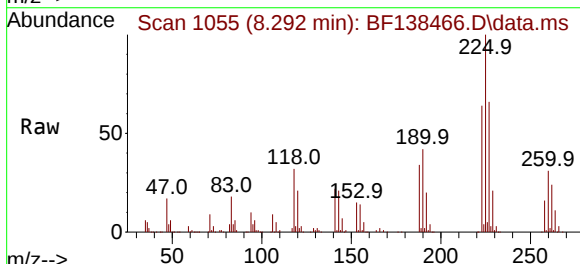
Instrument :
BNA_F
ClientSampleId :
PB161920BS

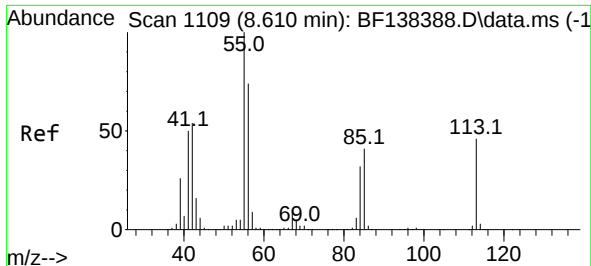
Tgt Ion:	127	Resp:	195535
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.4	38.2
65	34.5	28.7	43.1
92	20.9	16.7	25.1



#34
Hexachlorobutadiene
Concen: 41.773 ng
RT: 8.292 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BF138466.D
Acq: 05 Jul 2024 13:53

Tgt Ion:	225	Resp:	210883
Ion	Ratio	Lower	Upper
225	100		
223	64.3	51.0	76.6
227	65.5	51.2	76.8

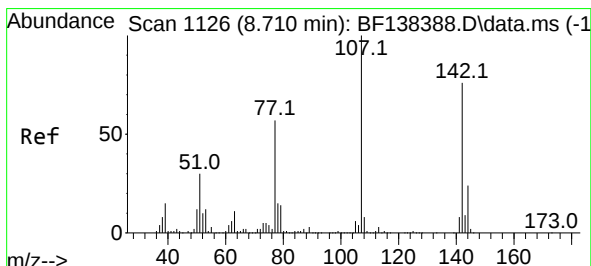
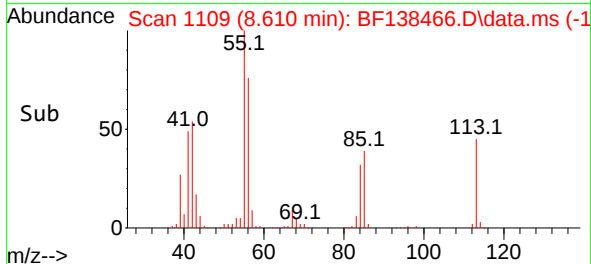
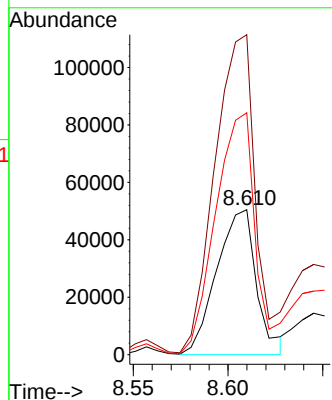
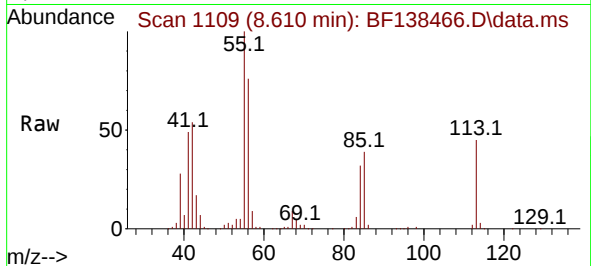




#35
 Caprolactam
 Concen: 32.285 ng
 RT: 8.610 min Scan# 1109
 Delta R.T. -0.000 min
 Lab File: BF138466.D
 Acq: 05 Jul 2024 13:53

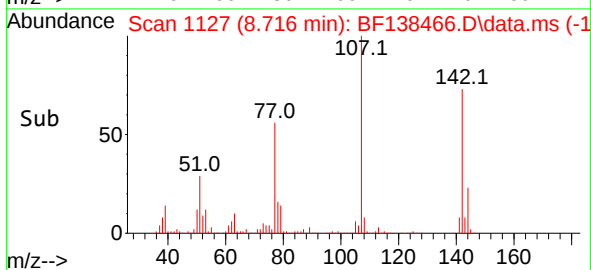
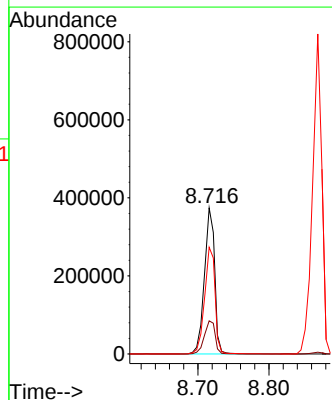
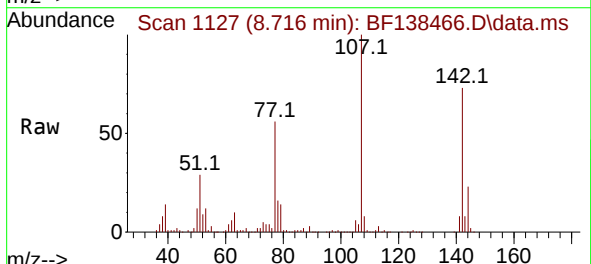
Instrument :
 BNA_F
 ClientSampleId :
 PB161920BS

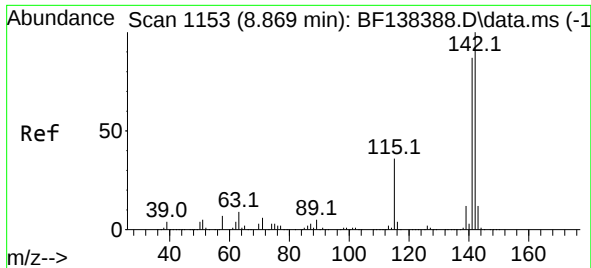
Tgt Ion:113 Resp: 73726
 Ion Ratio Lower Upper
 113 100
 55 220.6 195.9 235.9
 56 166.8 138.7 178.7



#36
 4-Chloro-3-methylphenol
 Concen: 48.998 ng
 RT: 8.716 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: BF138466.D
 Acq: 05 Jul 2024 13:53

Tgt Ion:107 Resp: 377427
 Ion Ratio Lower Upper
 107 100
 144 22.7 19.2 28.8
 142 73.0 61.0 91.6

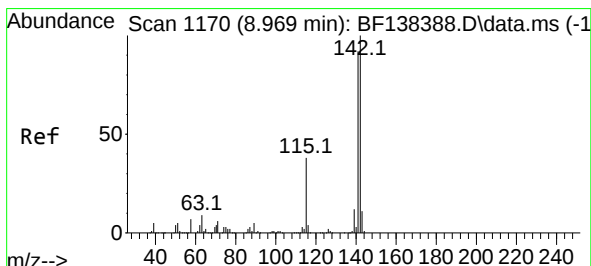
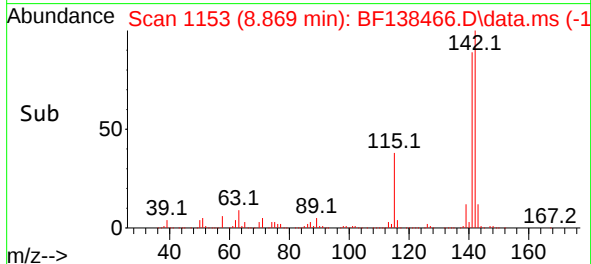
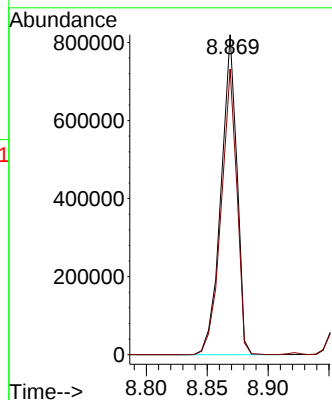
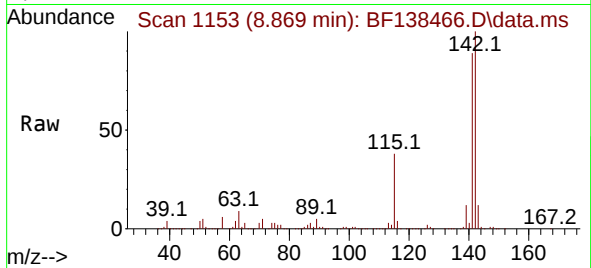




#37
2-Methylnaphthalene
Concen: 43.701 ng
RT: 8.869 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF138466.D
Acq: 05 Jul 2024 13:53

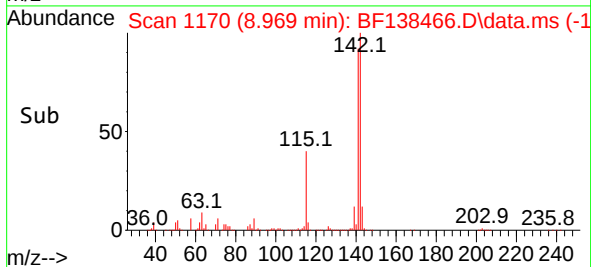
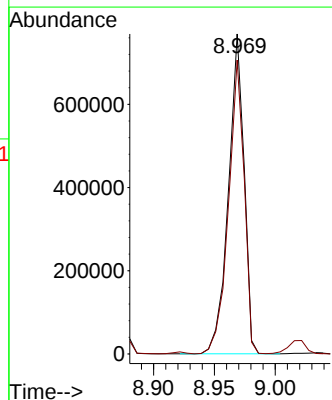
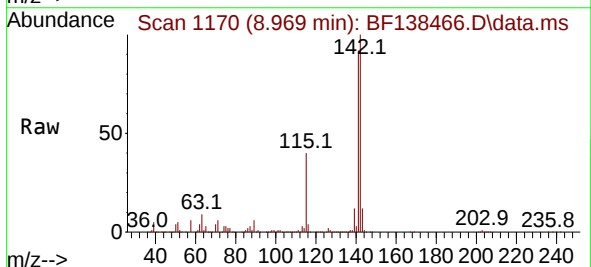
Instrument :
BNA_F
ClientSampleId :
PB161920BS

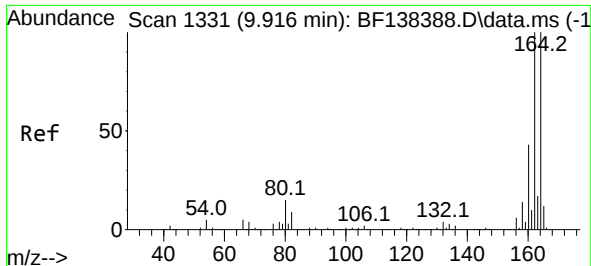
Tgt Ion:142 Resp: 743783
Ion Ratio Lower Upper
142 100
141 89.3 69.6 104.4



#38
1-Methylnaphthalene
Concen: 41.676 ng
RT: 8.969 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF138466.D
Acq: 05 Jul 2024 13:53

Tgt Ion:142 Resp: 687906
Ion Ratio Lower Upper
142 100
141 91.9 73.7 110.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BF138466.D

Acq: 05 Jul 2024 13:53

Instrument :

BNA_F

ClientSampleId :

PB161920BS

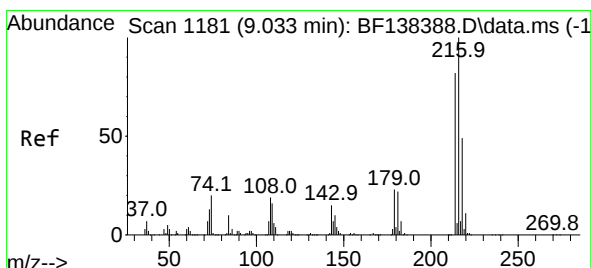
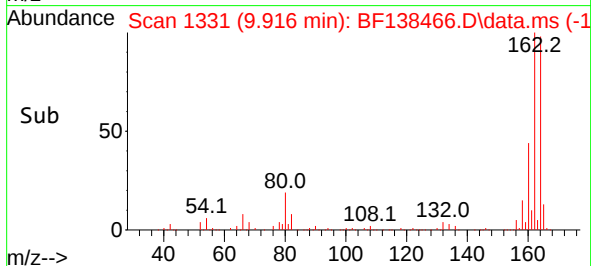
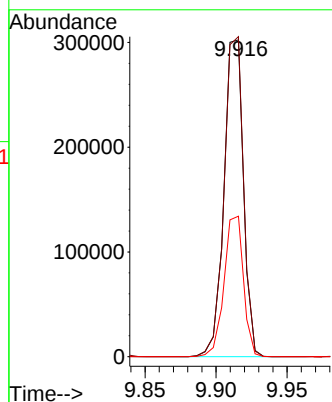
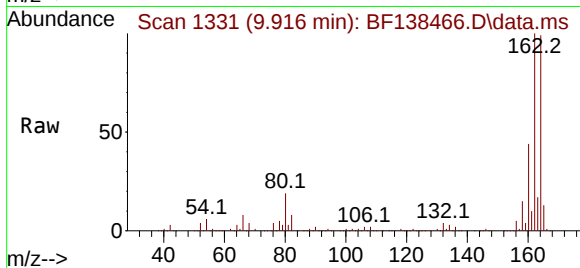
Tgt Ion:164 Resp: 288551

Ion Ratio Lower Upper

164 100

162 101.0 80.1 120.1

160 44.4 34.1 51.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.408 ng

RT: 9.033 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF138466.D

Acq: 05 Jul 2024 13:53

Tgt Ion:216 Resp: 346458

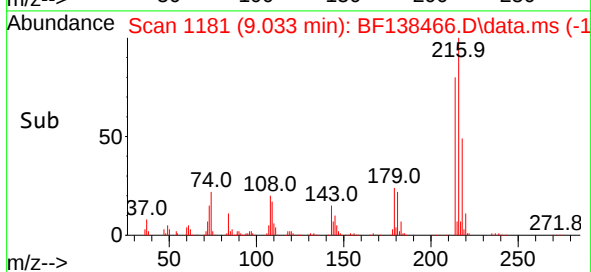
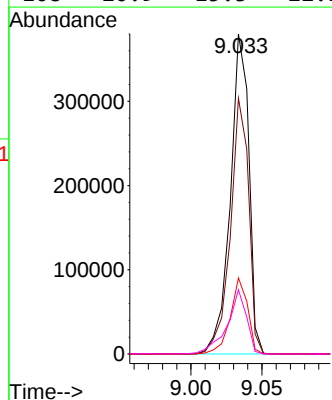
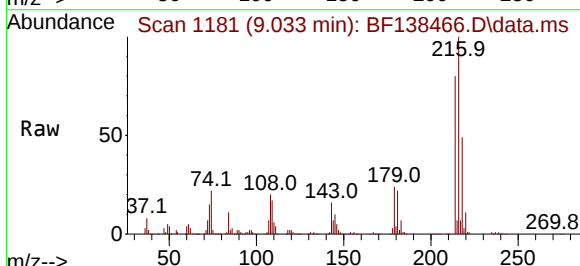
Ion Ratio Lower Upper

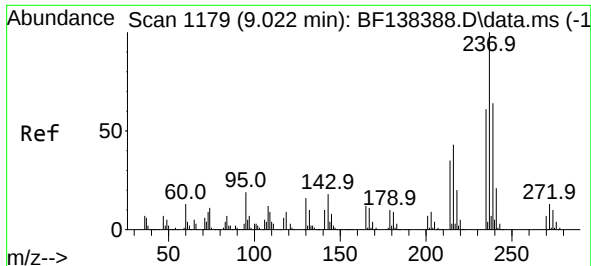
216 100

214 78.6 64.2 96.4

179 22.3 17.4 26.0

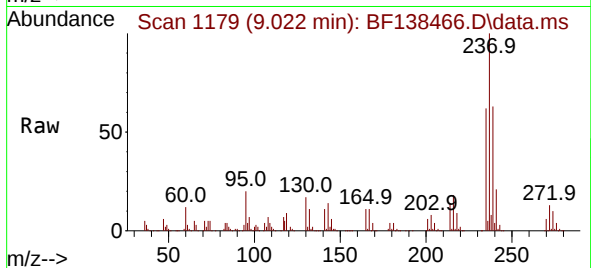
108 20.9 15.3 22.9



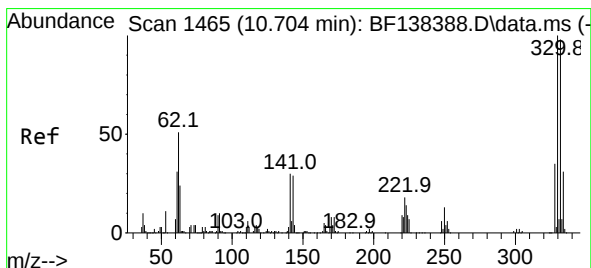
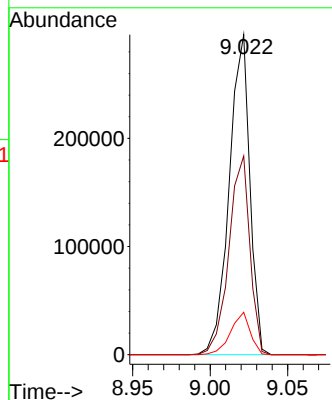
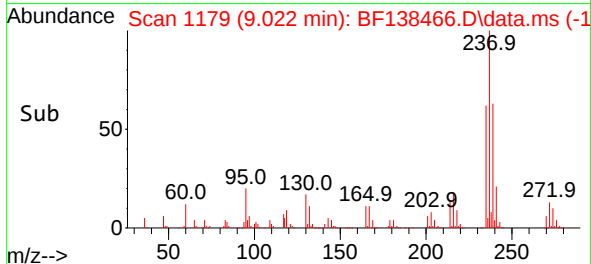


#41
Hexachlorocyclopentadiene
Concen: 116.602 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF138466.D
Acq: 05 Jul 2024 13:53

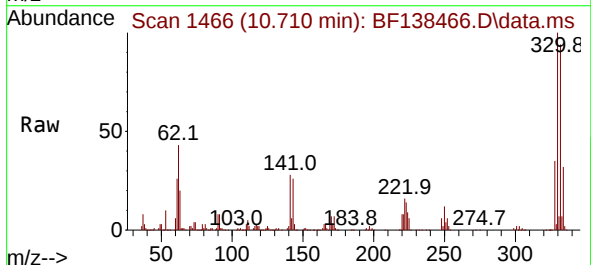
Instrument :
BNA_F
ClientSampleId :
PB161920BS



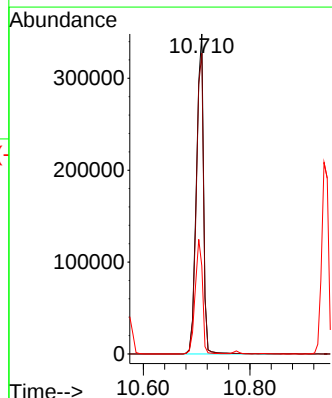
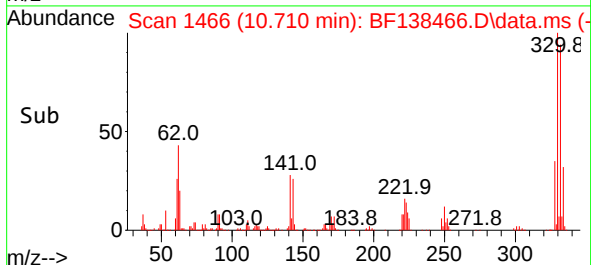
Tgt Ion:237 Resp: 273937
Ion Ratio Lower Upper
237 100
235 62.1 41.4 81.4
272 13.2 0.0 33.1

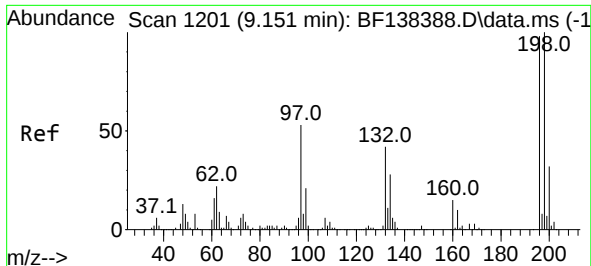


#42
2,4,6-Tribromophenol
Concen: 137.256 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.006 min
Lab File: BF138466.D
Acq: 05 Jul 2024 13:53



Tgt Ion:330 Resp: 323580
Ion Ratio Lower Upper
330 100
332 95.7 77.0 115.6
141 36.6 28.1 42.1

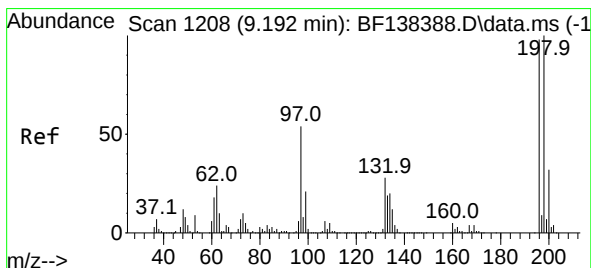
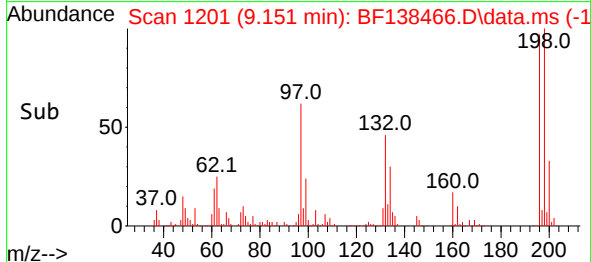
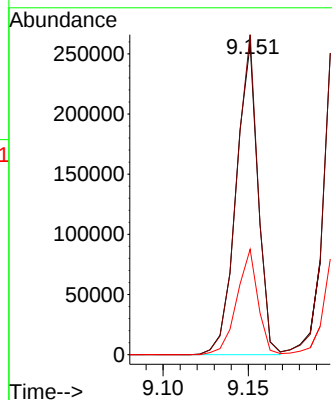
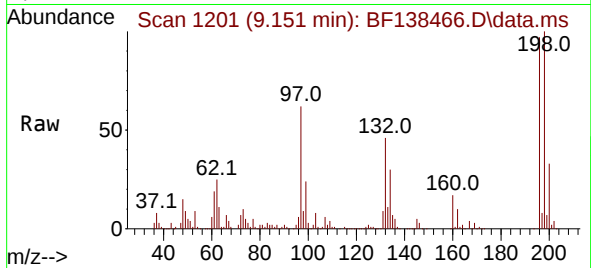




#43
2,4,6-Trichlorophenol
Concen: 45.507 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138466.D
Acq: 05 Jul 2024 13:53

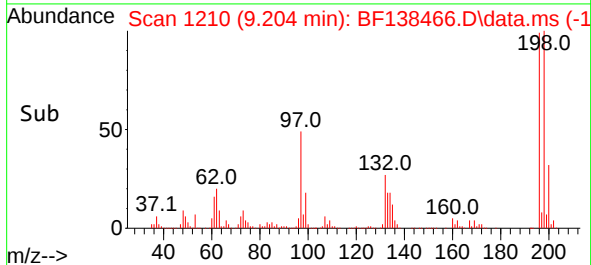
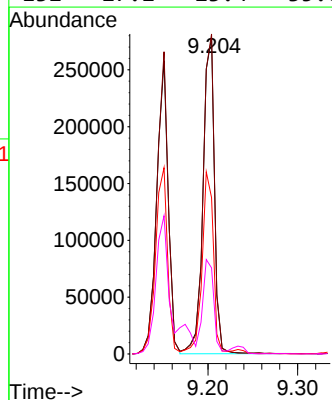
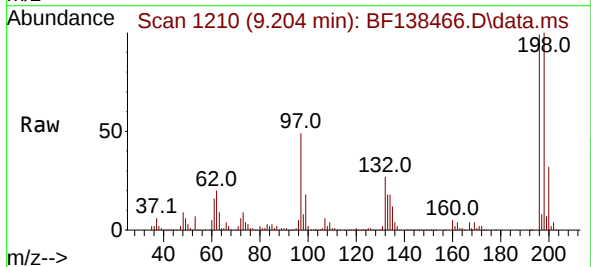
Instrument :
BNA_F
ClientSampleId :
PB161920BS

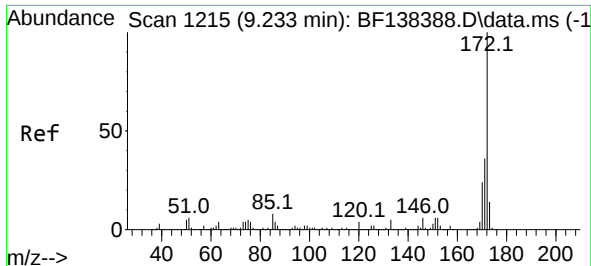
Tgt Ion:196 Resp: 231115
Ion Ratio Lower Upper
196 100
198 103.1 81.8 122.8
200 34.0 26.2 39.4



#44
2,4,5-Trichlorophenol
Concen: 44.616 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.012 min
Lab File: BF138466.D
Acq: 05 Jul 2024 13:53

Tgt Ion:196 Resp: 246429
Ion Ratio Lower Upper
196 100
198 101.2 81.8 122.6
97 49.4 44.2 66.4
132 27.2 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 82.240 ng

RT: 9.233 min Scan# 1215

Delta R.T. 0.000 min

Lab File: BF138466.D

Acq: 05 Jul 2024 13:53

Instrument :

BNA_F

ClientSampleId :

PB161920BS

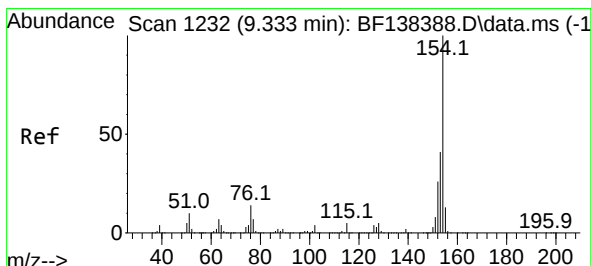
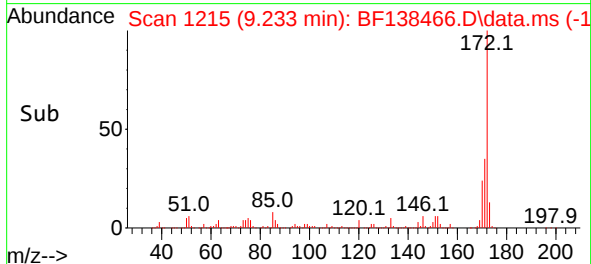
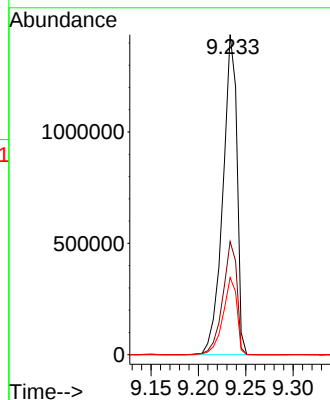
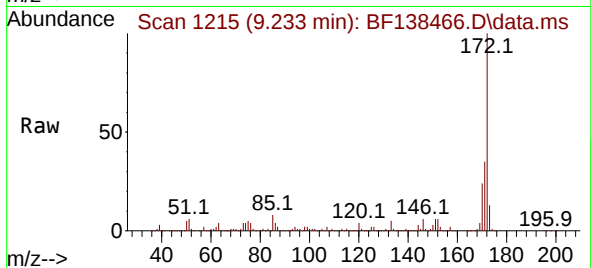
Tgt Ion:172 Resp: 1491107

Ion Ratio Lower Upper

172 100

171 35.3 29.0 43.4

170 24.1 19.0 28.6



#46

1,1'-Biphenyl

Concen: 43.675 ng

RT: 9.333 min Scan# 1232

Delta R.T. -0.000 min

Lab File: BF138466.D

Acq: 05 Jul 2024 13:53

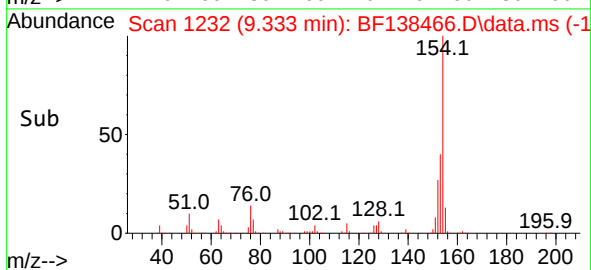
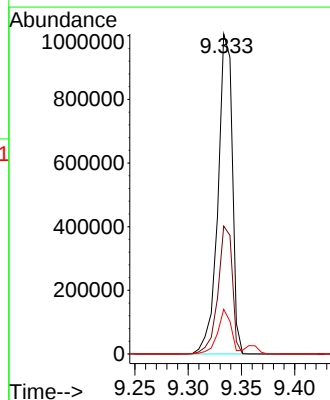
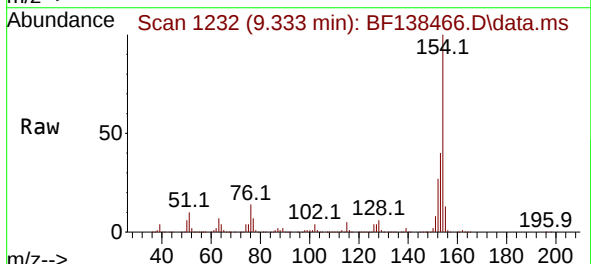
Tgt Ion:154 Resp: 940986

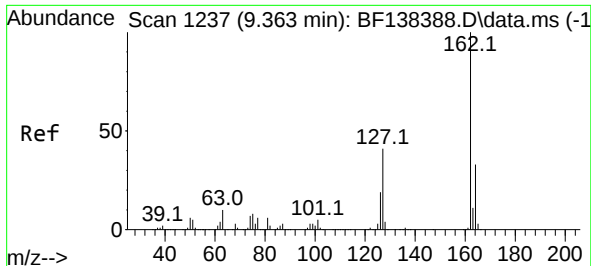
Ion Ratio Lower Upper

154 100

153 40.0 20.5 60.5

76 14.0 0.0 34.4

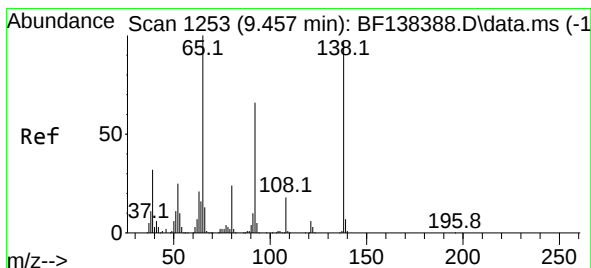
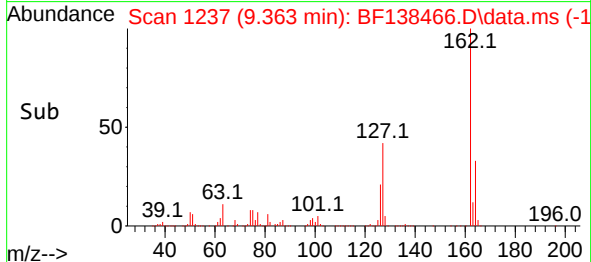
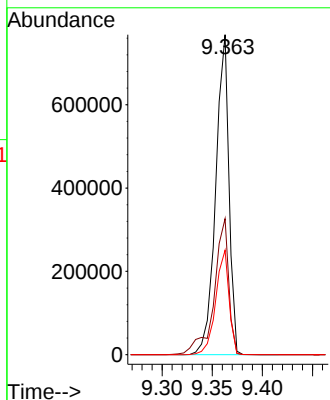
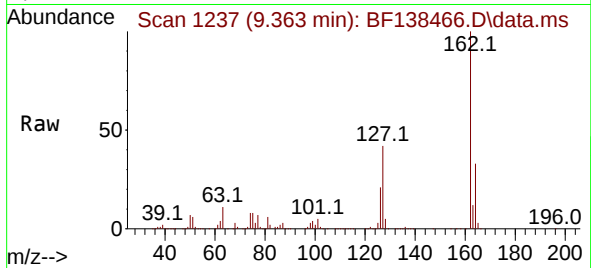




#47
2-Chloronaphthalene
Concen: 42.887 ng
RT: 9.363 min Scan# 1237
Delta R.T. -0.000 min
Lab File: BF138466.D
Acq: 05 Jul 2024 13:53

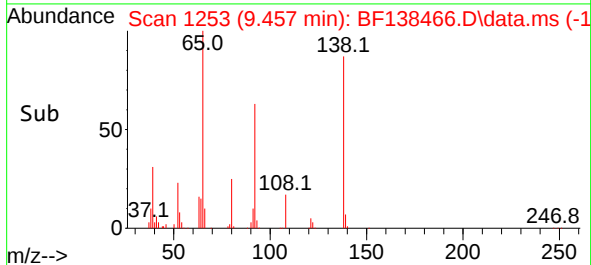
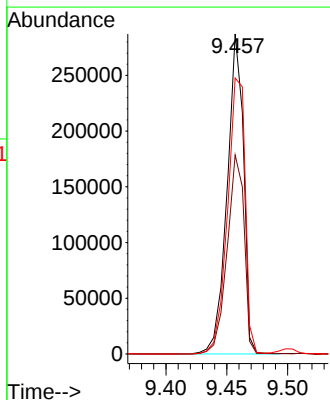
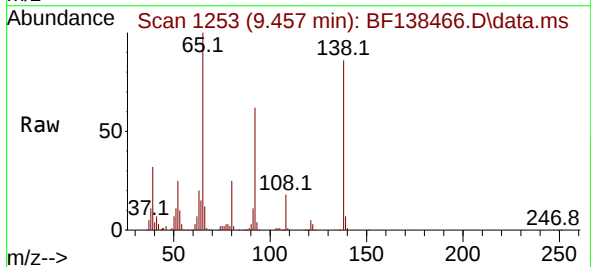
Instrument :
BNA_F
ClientSampleId :
PB161920BS

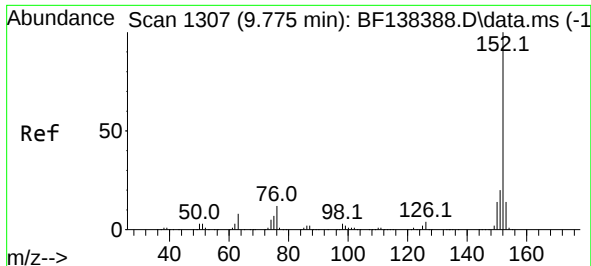
Tgt Ion:162 Resp: 704504
Ion Ratio Lower Upper
162 100
127 42.5 32.7 49.1
164 32.7 26.6 40.0



#48
2-Nitroaniline
Concen: 50.882 ng
RT: 9.457 min Scan# 1253
Delta R.T. -0.000 min
Lab File: BF138466.D
Acq: 05 Jul 2024 13:53

Tgt Ion: 65 Resp: 269617
Ion Ratio Lower Upper
65 100
92 62.2 52.6 79.0
138 86.2 77.4 116.0





#49

Acenaphthylene

Concen: 47.509 ng

RT: 9.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF138466.D

Acq: 05 Jul 2024 13:53

Instrument :

BNA_F

ClientSampleId :

PB161920BS

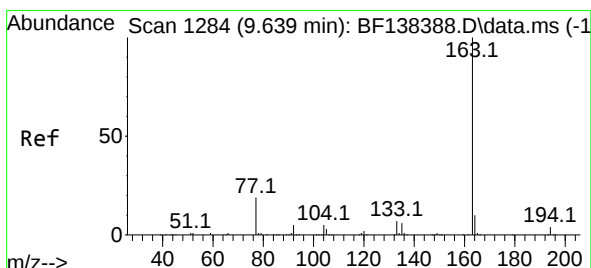
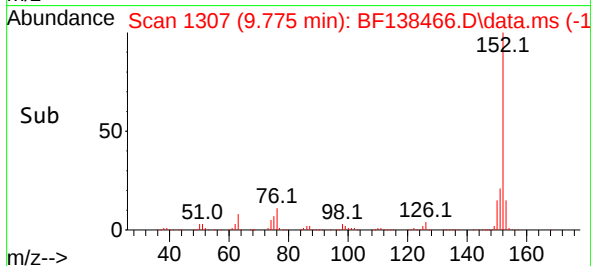
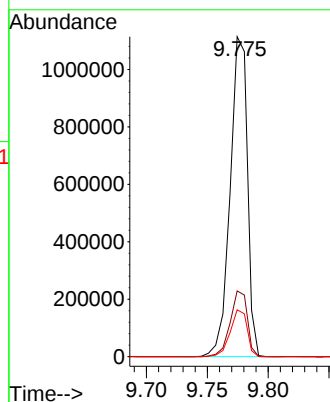
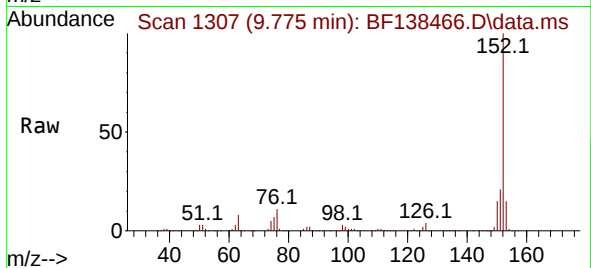
Tgt Ion:152 Resp: 1097585

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.4

153 14.7 11.4 17.2



#50

Dimethylphthalate

Concen: 45.358 ng

RT: 9.639 min Scan# 1284

Delta R.T. -0.000 min

Lab File: BF138466.D

Acq: 05 Jul 2024 13:53

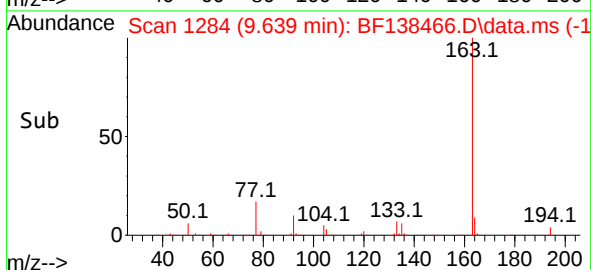
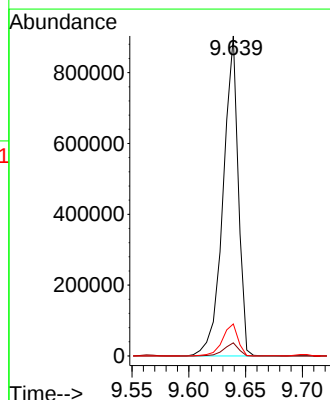
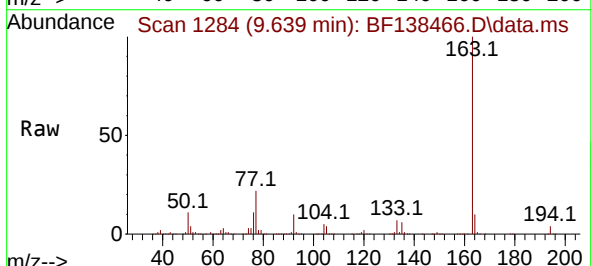
Tgt Ion:163 Resp: 841155

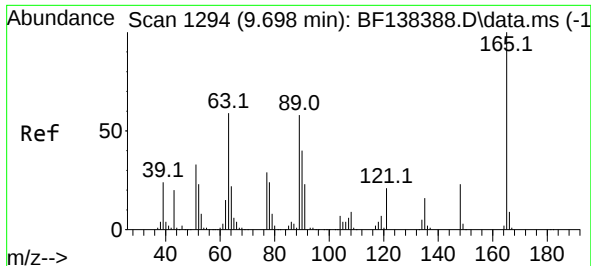
Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

164 10.0 8.2 12.4

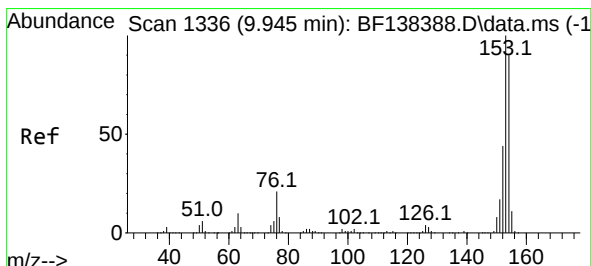
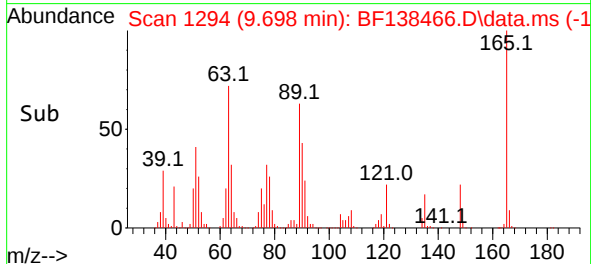
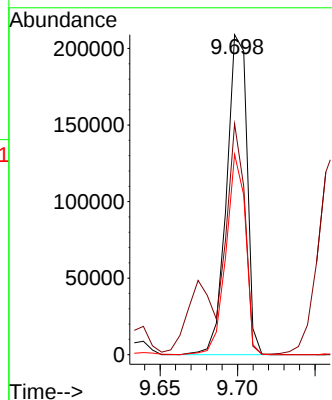
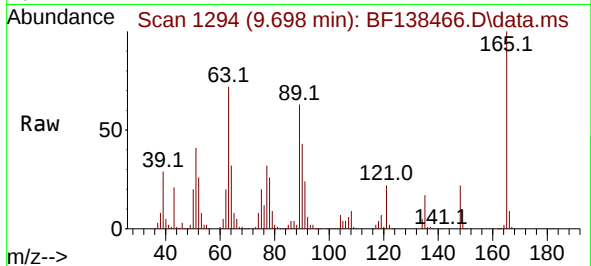




#51
2,6-Dinitrotoluene
Concen: 46.306 ng
RT: 9.698 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138466.D
Acq: 05 Jul 2024 13:53

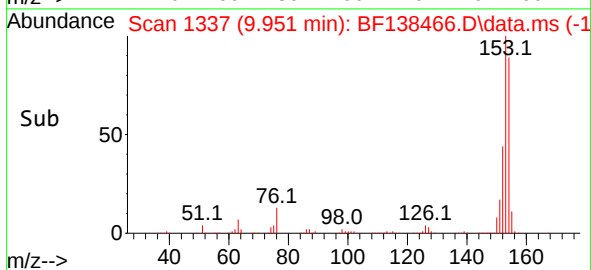
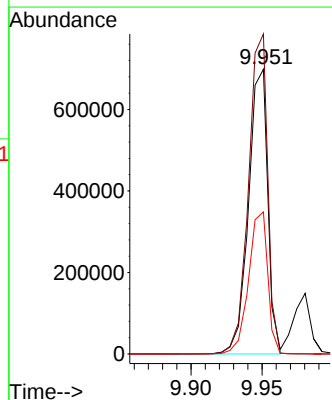
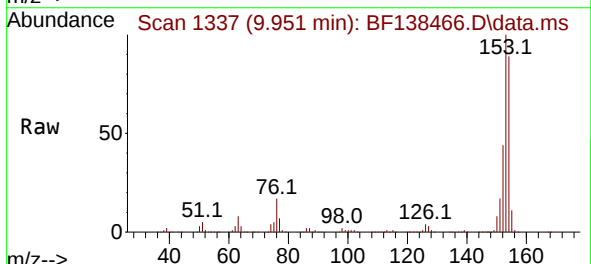
Instrument :
BNA_F
ClientSampleId :
PB161920BS

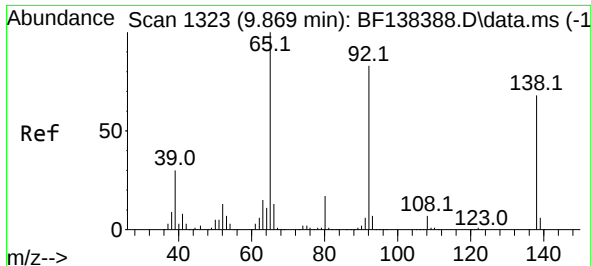
Tgt Ion:165 Resp: 192323
Ion Ratio Lower Upper
165 100
63 72.1 53.8 80.8
89 62.6 46.4 69.6



#52
Acenaphthene
Concen: 41.568 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF138466.D
Acq: 05 Jul 2024 13:53

Tgt Ion:154 Resp: 657567
Ion Ratio Lower Upper
154 100
153 112.4 89.4 134.0
152 49.9 39.7 59.5

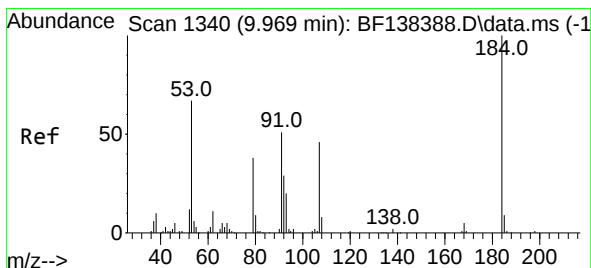
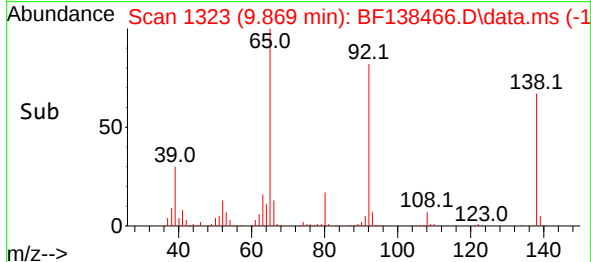
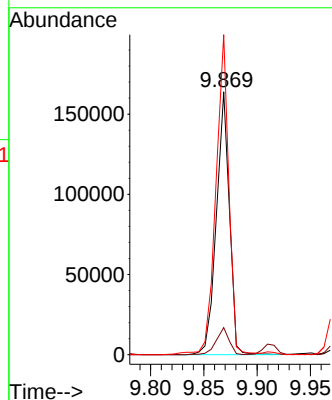
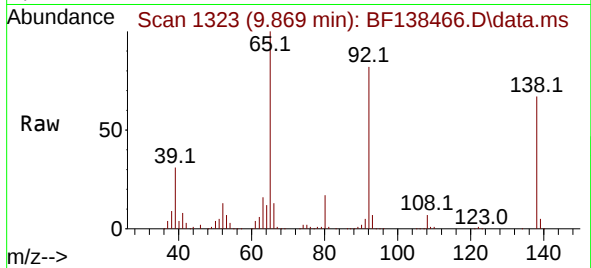




#53
3-Nitroaniline
Concen: 33.875 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138466.D
Acq: 05 Jul 2024 13:53

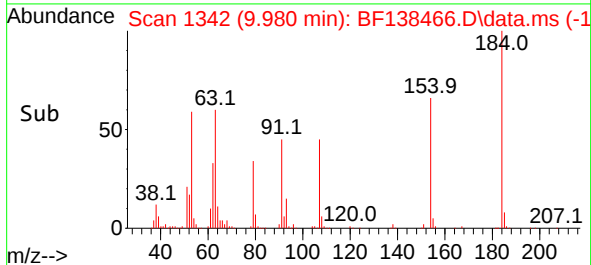
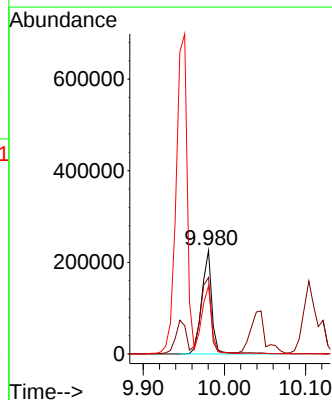
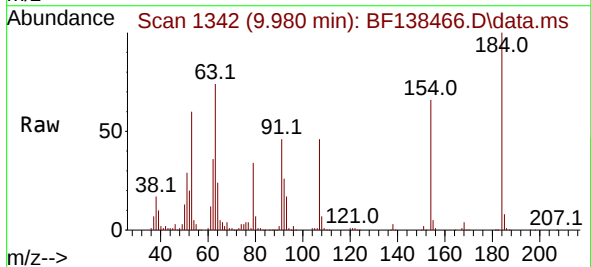
Instrument :
BNA_F
ClientSampleId :
PB161920BS

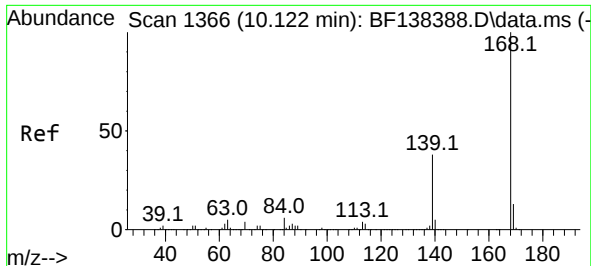
Tgt Ion:138 Resp: 138955
Ion Ratio Lower Upper
138 100
108 10.3 8.6 12.8
92 121.7 97.3 145.9



#54
2,4-Dinitrophenol
Concen: 109.177 ng
RT: 9.980 min Scan# 1342
Delta R.T. 0.011 min
Lab File: BF138466.D
Acq: 05 Jul 2024 13:53

Tgt Ion:184 Resp: 198236
Ion Ratio Lower Upper
184 100
63 73.8 67.3 100.9
154 65.7 51.0 76.4

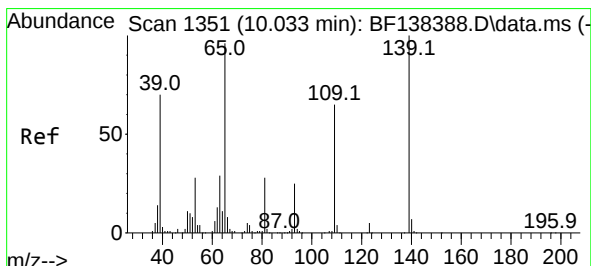
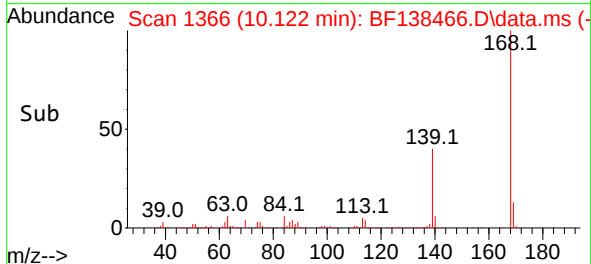
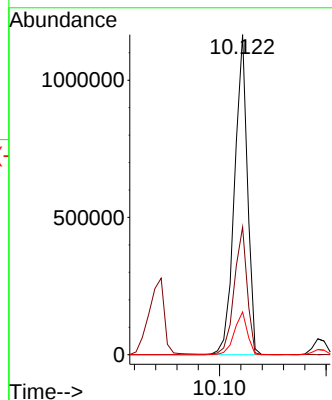
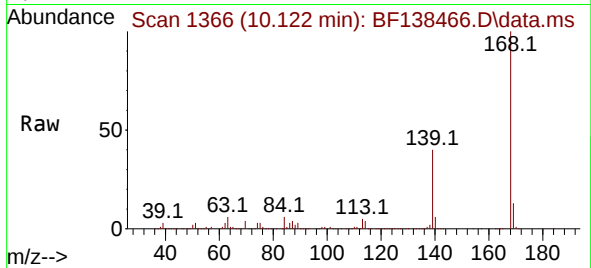




#55
Dibenzofuran
Concen: 45.041 ng
RT: 10.122 min Scan# 1366
Delta R.T. -0.000 min
Lab File: BF138466.D
Acq: 05 Jul 2024 13:53

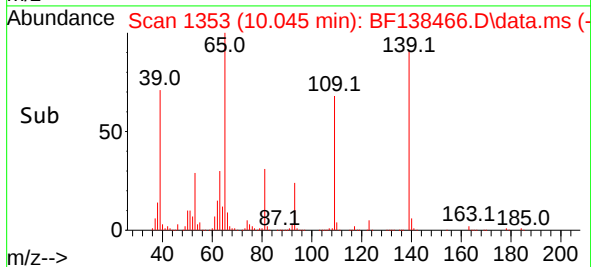
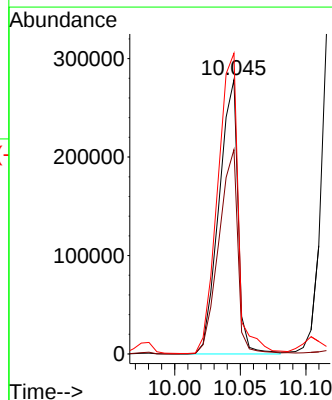
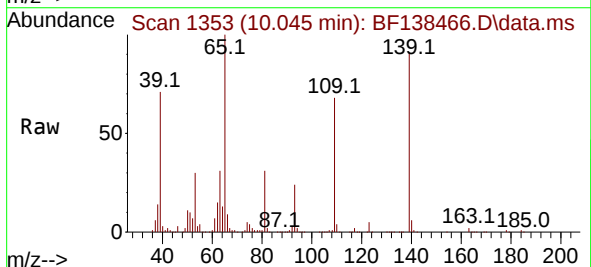
Instrument :
BNA_F
ClientSampleId :
PB161920BS

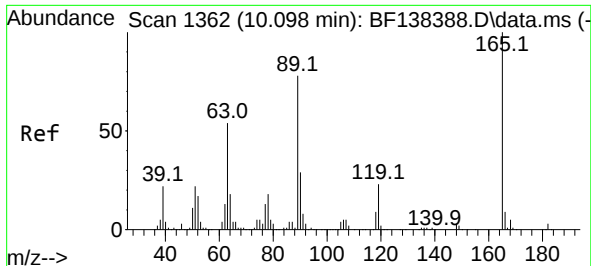
Tgt Ion:168 Resp: 981708
Ion Ratio Lower Upper
168 100
139 39.9 30.4 45.6
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 105.561 ng
RT: 10.045 min Scan# 1353
Delta R.T. 0.012 min
Lab File: BF138466.D
Acq: 05 Jul 2024 13:53

Tgt Ion:139 Resp: 280757
Ion Ratio Lower Upper
139 100
109 74.5 44.6 84.6
65 109.6 75.9 115.9

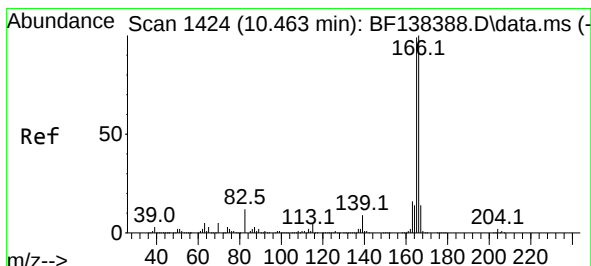
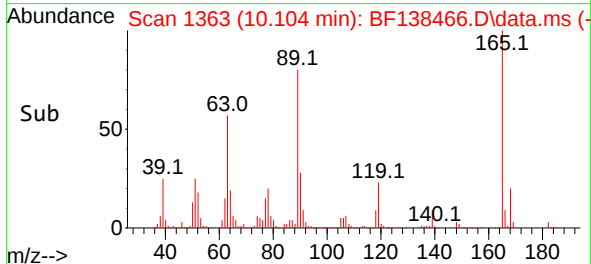
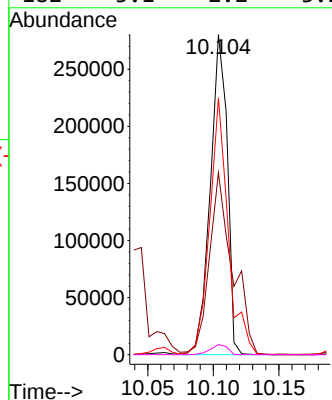
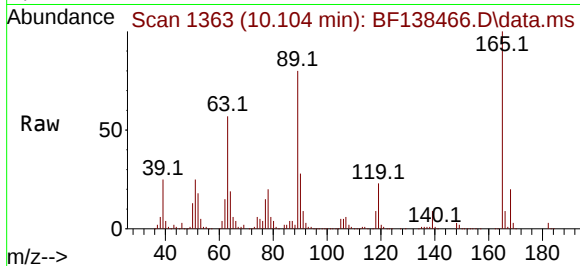




#57
2,4-Dinitrotoluene
Concen: 49.445 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.006 min
Lab File: BF138466.D
Acq: 05 Jul 2024 13:53

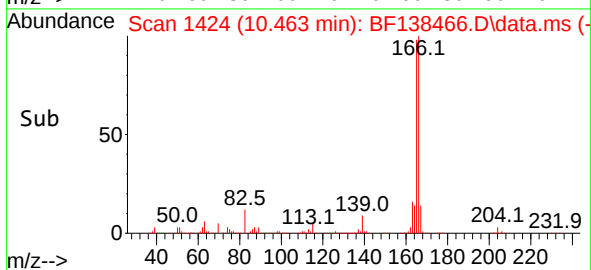
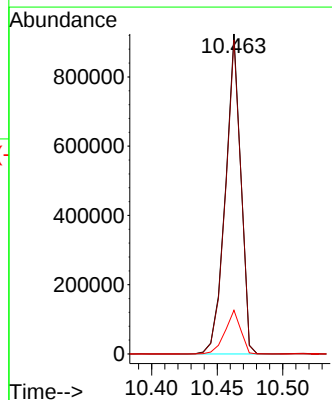
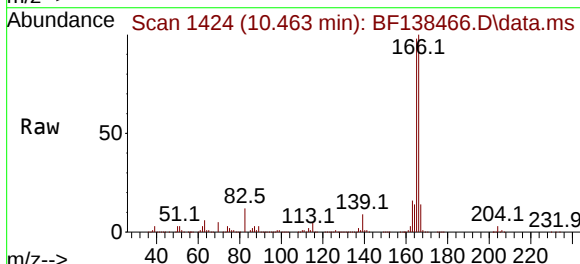
Instrument :
BNA_F
ClientSampleId :
PB161920BS

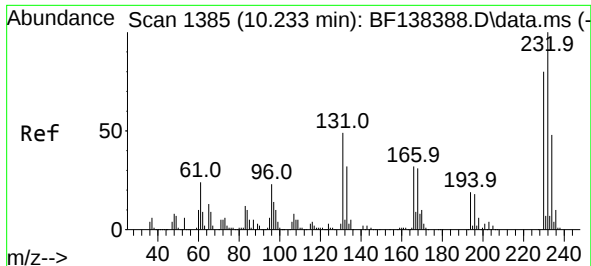
Tgt Ion:165 Resp: 252855
Ion Ratio Lower Upper
165 100
63 56.9 43.4 65.2
89 80.3 62.6 93.8
182 3.1 2.2 3.2



#58
Fluorene
Concen: 43.445 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF138466.D
Acq: 05 Jul 2024 13:53

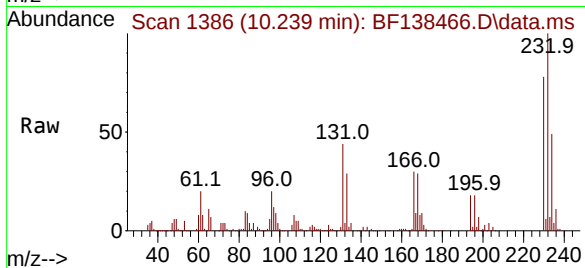
Tgt Ion:166 Resp: 752411
Ion Ratio Lower Upper
166 100
165 98.1 79.0 118.6
167 13.7 10.8 16.2



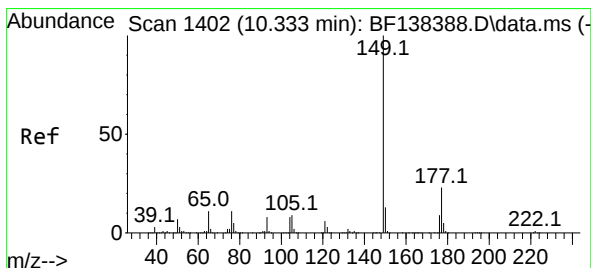
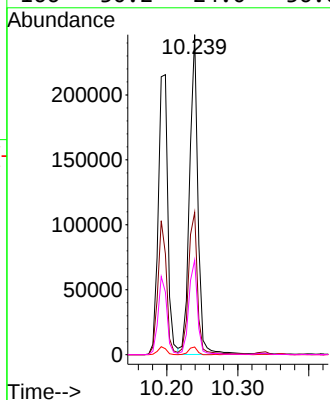
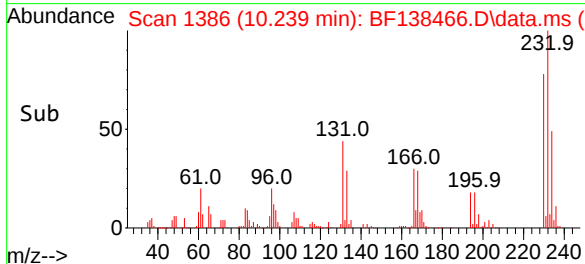


#59
2,3,4,6-Tetrachlorophenol
Concen: 49.399 ng
RT: 10.239 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF138466.D
Acq: 05 Jul 2024 13:53

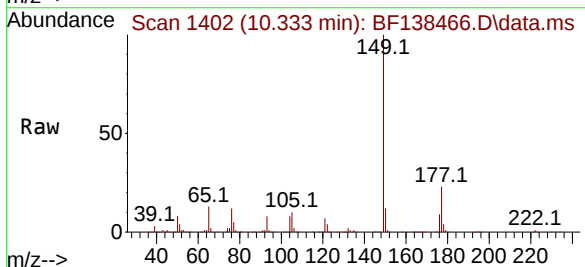
Instrument :
BNA_F
ClientSampleId :
PB161920BS



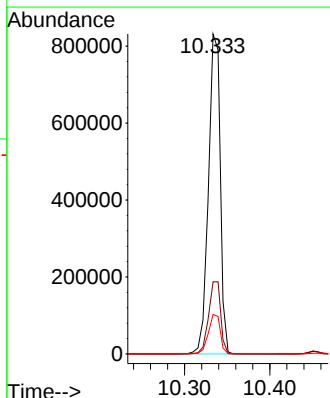
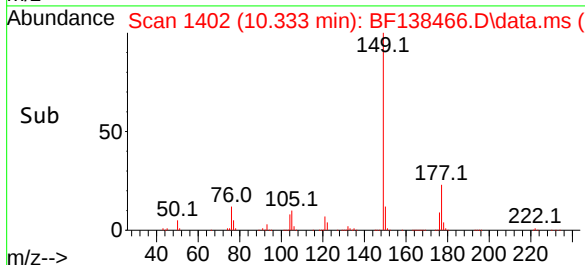
Tgt Ion:232 Resp: 202660
Ion Ratio Lower Upper
232 100
131 47.1 36.6 55.0
130 2.4 1.8 2.8
166 30.2 24.0 36.0

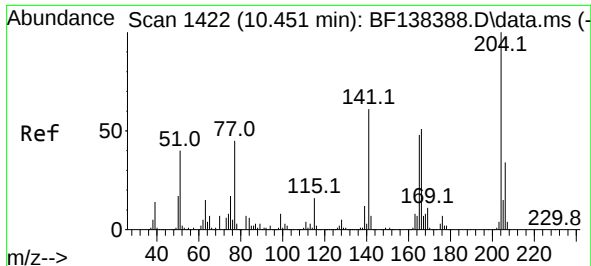


#60
Diethylphthalate
Concen: 46.216 ng
RT: 10.333 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BF138466.D
Acq: 05 Jul 2024 13:53



Tgt Ion:149 Resp: 801312
Ion Ratio Lower Upper
149 100
177 22.6 18.4 27.6
150 12.4 10.2 15.2

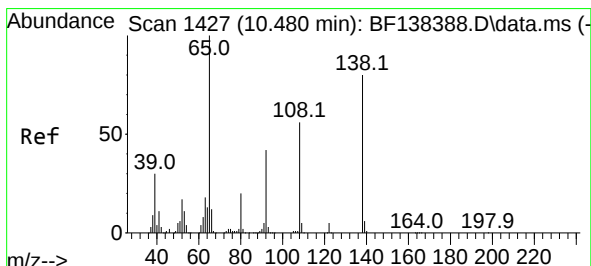
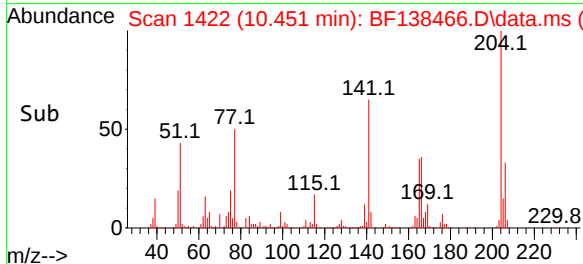
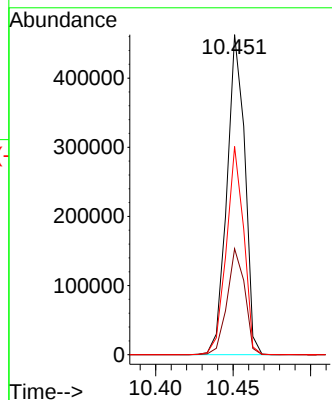
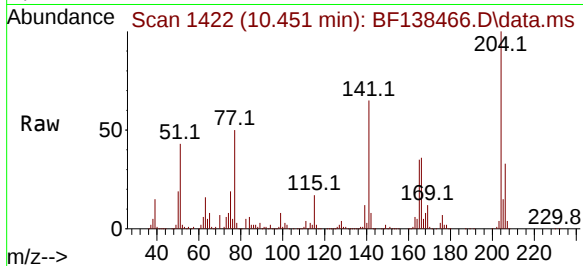




#61
4-Chlorophenyl-phenylether
Concen: 42.298 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF138466.D
Acq: 05 Jul 2024 13:53

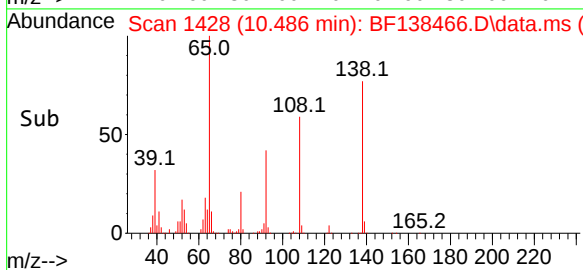
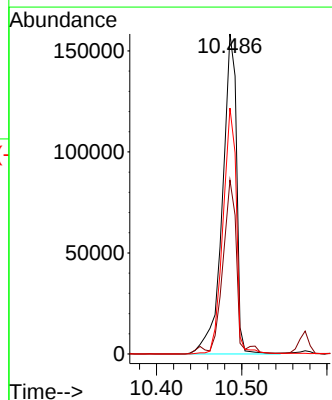
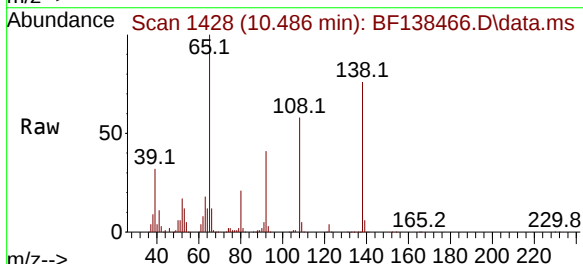
Instrument :
BNA_F
ClientSampleId :
PB161920BS

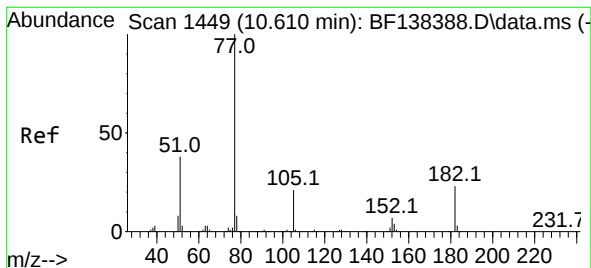
Tgt Ion:204 Resp: 371677
Ion Ratio Lower Upper
204 100
206 33.1 27.1 40.7
141 65.0 48.4 72.6



#62
4-Nitroaniline
Concen: 48.577 ng
RT: 10.486 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF138466.D
Acq: 05 Jul 2024 13:53

Tgt Ion:138 Resp: 182897
Ion Ratio Lower Upper
138 100
92 54.4 32.6 72.6
108 76.8 50.3 90.3





#63

Azobenzene

Concen: 46.916 ng

RT: 10.616 min Scan# 1449

Delta R.T. 0.006 min

Lab File: BF138466.D

Acq: 05 Jul 2024 13:53

Instrument :

BNA_F

ClientSampleId :

PB161920BS

Tgt Ion: 77 Resp: 859076

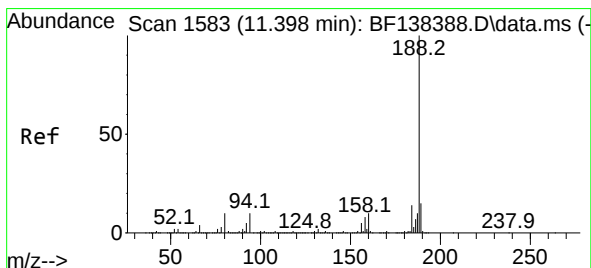
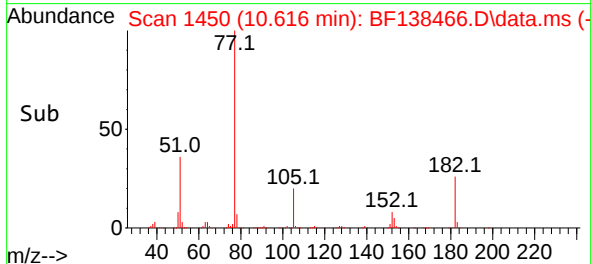
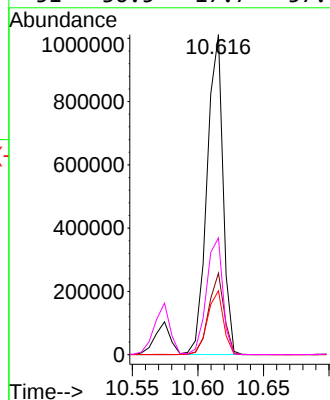
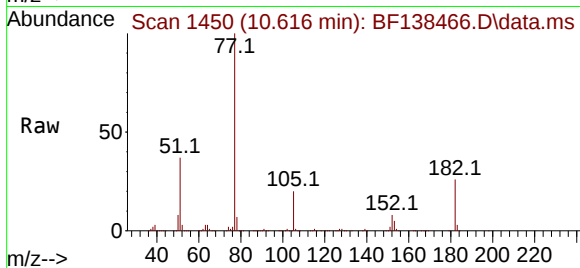
Ion Ratio Lower Upper

77 100

182 25.5 2.7 42.7

105 19.9 0.6 40.6

51 36.5 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: BF138466.D

Acq: 05 Jul 2024 13:53

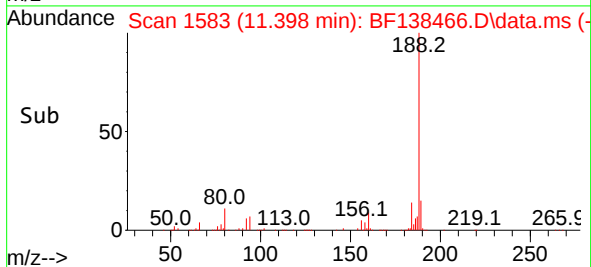
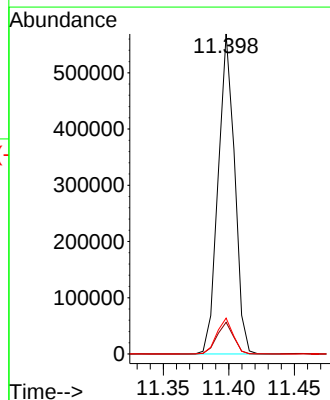
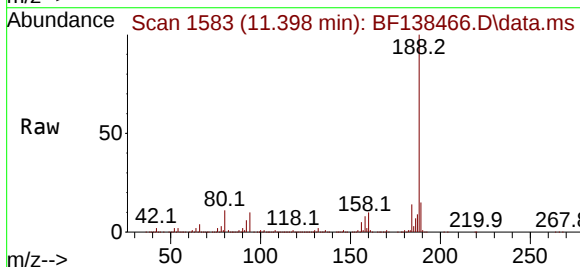
Tgt Ion: 188 Resp: 496530

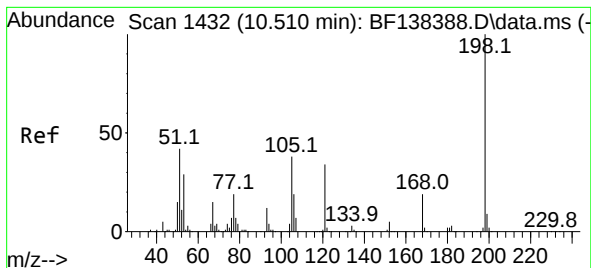
Ion Ratio Lower Upper

188 100

94 9.9 8.0 12.0

80 11.2 8.2 12.4

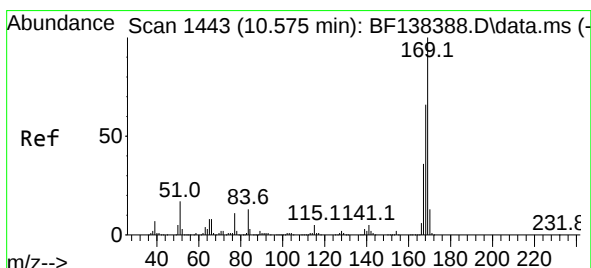
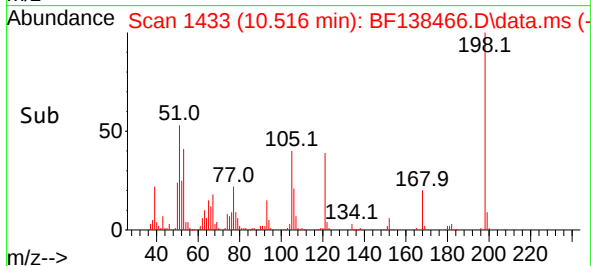
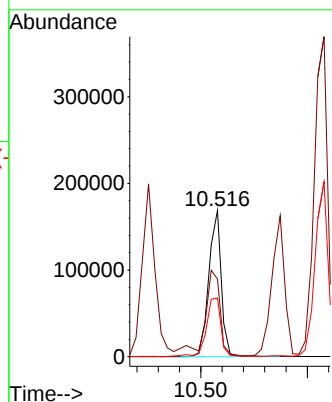
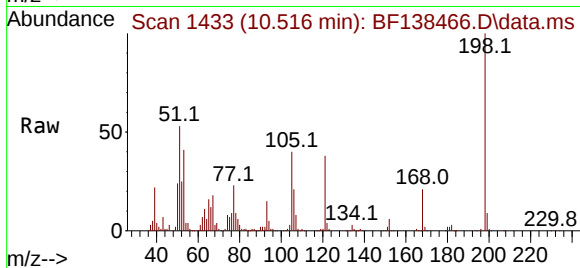




#65
4,6-Dinitro-2-methylphenol
Concen: 51.307 ng
RT: 10.516 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF138466.D
Acq: 05 Jul 2024 13:53

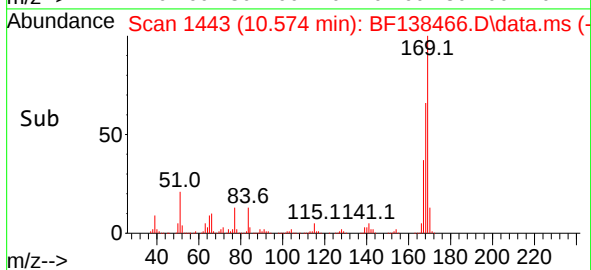
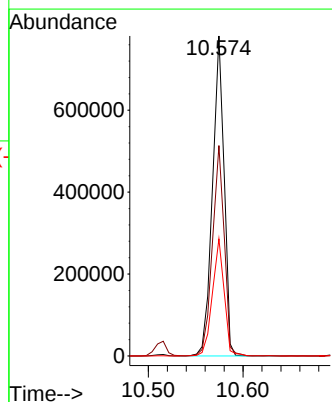
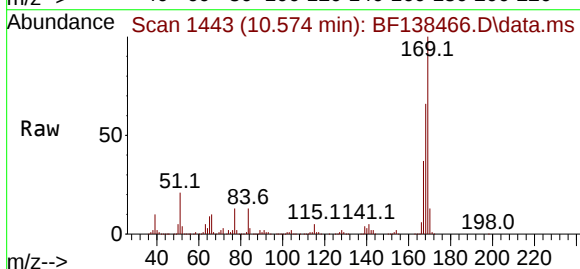
Instrument :
BNA_F
ClientSampleId :
PB161920BS

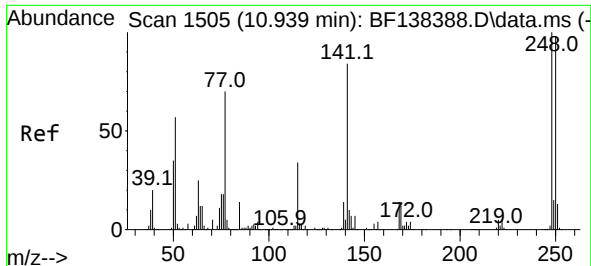
Tgt Ion:198 Resp: 137613
Ion Ratio Lower Upper
198 100
51 53.1 27.9 67.9
105 40.1 18.2 58.2



#66
n-Nitrosodiphenylamine
Concen: 42.926 ng
RT: 10.574 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BF138466.D
Acq: 05 Jul 2024 13:53

Tgt Ion:169 Resp: 661692
Ion Ratio Lower Upper
169 100
168 65.7 52.5 78.7
167 36.6 28.8 43.2

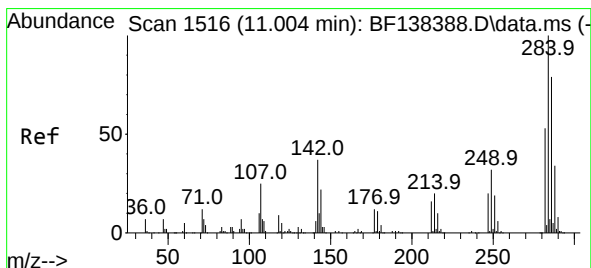
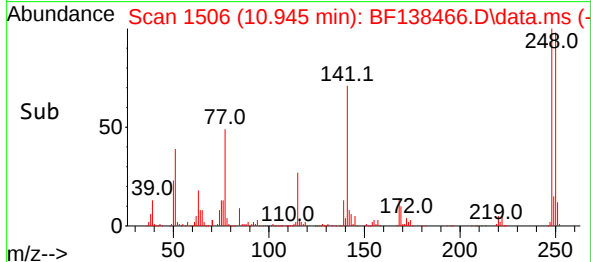
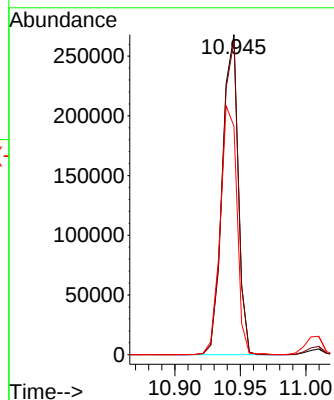
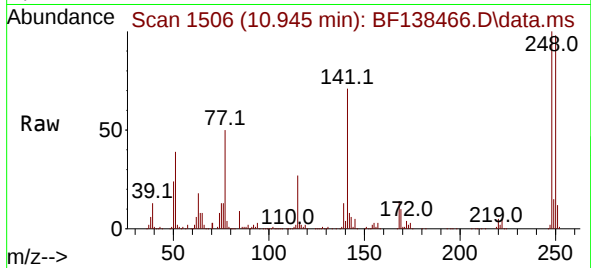




#67
4-Bromophenyl-phenylether
Concen: 42.235 ng
RT: 10.945 min Scan# 1506
Delta R.T. 0.006 min
Lab File: BF138466.D
Acq: 05 Jul 2024 13:53

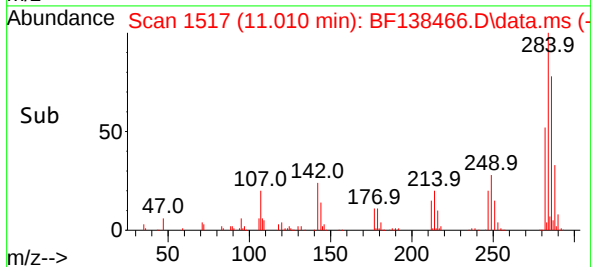
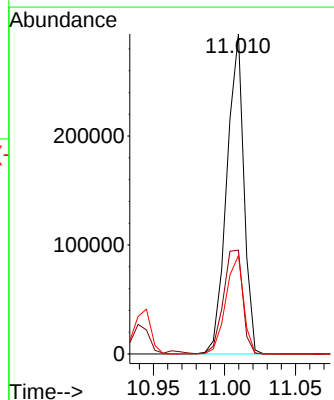
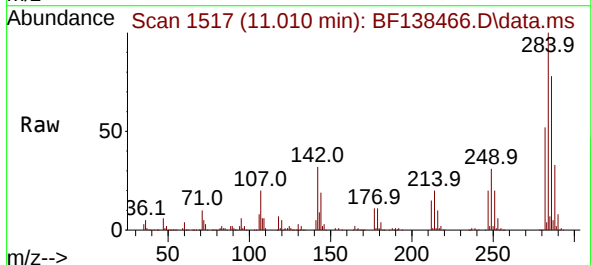
Instrument :
BNA_F
ClientSampleId :
PB161920BS

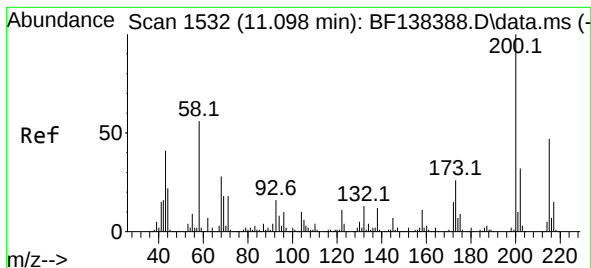
Tgt Ion:248 Resp: 225412
Ion Ratio Lower Upper
248 100
250 98.1 78.2 117.4
141 71.4 67.6 101.4



#68
Hexachlorobenzene
Concen: 41.564 ng
RT: 11.010 min Scan# 1517
Delta R.T. 0.006 min
Lab File: BF138466.D
Acq: 05 Jul 2024 13:53

Tgt Ion:284 Resp: 244499
Ion Ratio Lower Upper
284 100
142 32.5 29.2 43.8
249 30.8 25.8 38.6





#69

Atrazine

Concen: 46.849 ng

RT: 11.098 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF138466.D

Acq: 05 Jul 2024 13:53

Instrument :

BNA_F

ClientSampleId :

PB161920BS

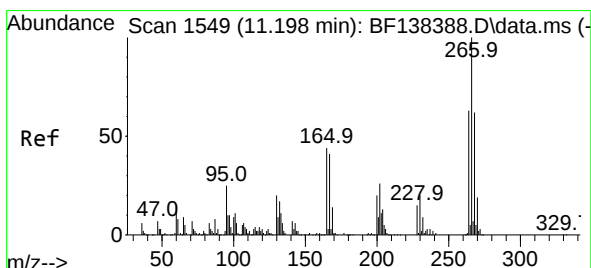
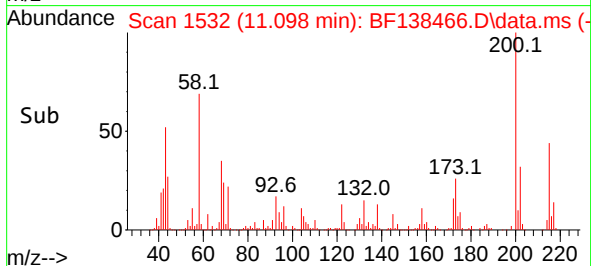
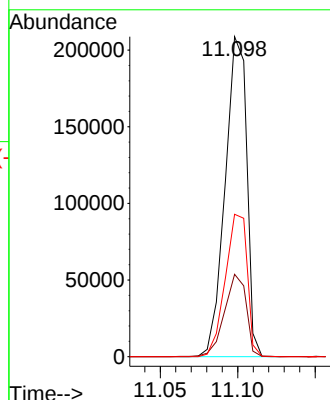
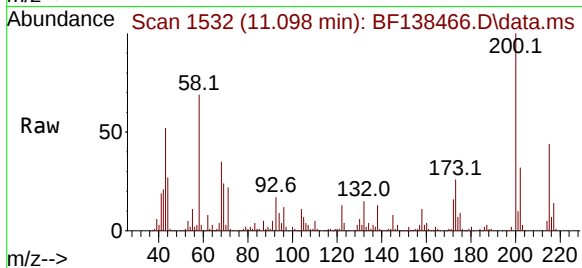
Tgt Ion:200 Resp: 202480

Ion Ratio Lower Upper

200 100

173 25.8 6.2 46.2

215 44.5 27.4 67.4



#70

Pentachlorophenol

Concen: 92.816 ng

RT: 11.204 min Scan# 1550

Delta R.T. 0.006 min

Lab File: BF138466.D

Acq: 05 Jul 2024 13:53

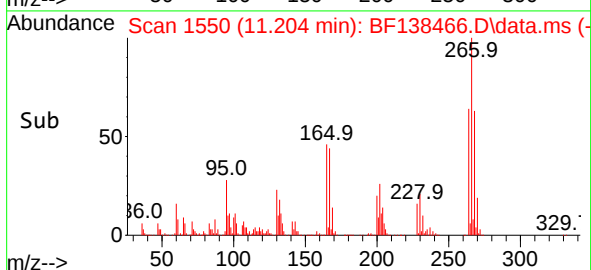
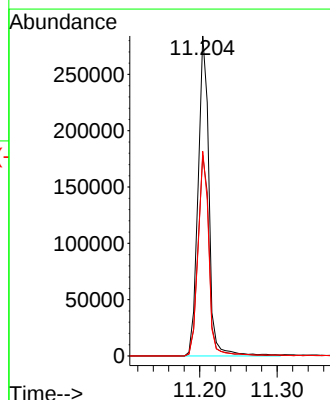
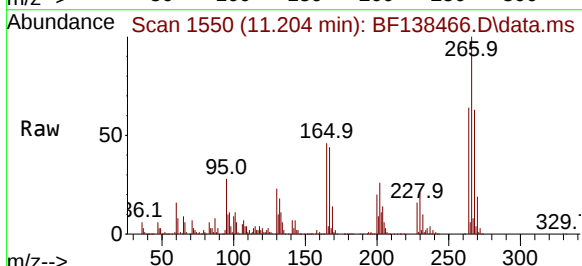
Tgt Ion:266 Resp: 277117

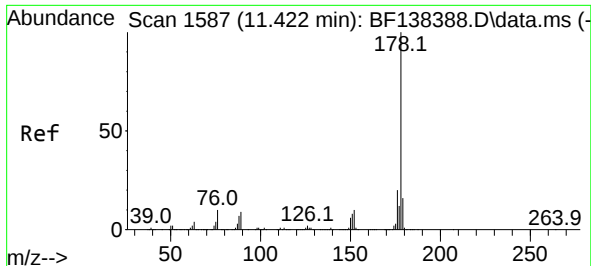
Ion Ratio Lower Upper

266 100

268 62.7 49.9 74.9

264 63.9 50.0 75.0

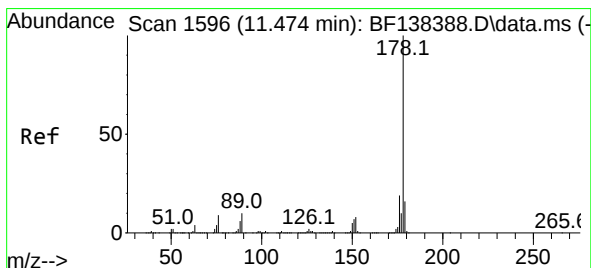
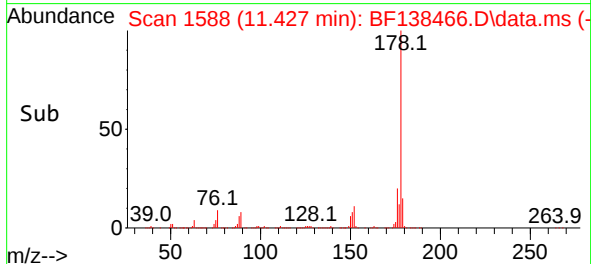
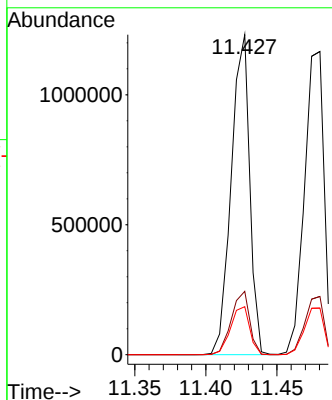
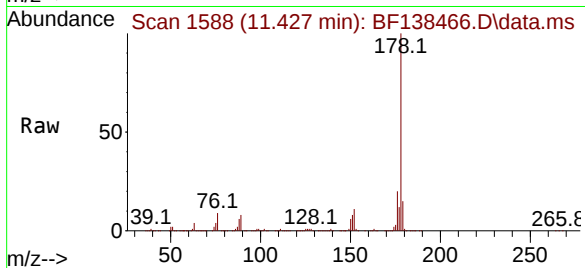




#71
Phenanthrene
Concen: 46.086 ng
RT: 11.427 min Scan# 1587
Delta R.T. 0.006 min
Lab File: BF138466.D
Acq: 05 Jul 2024 13:53

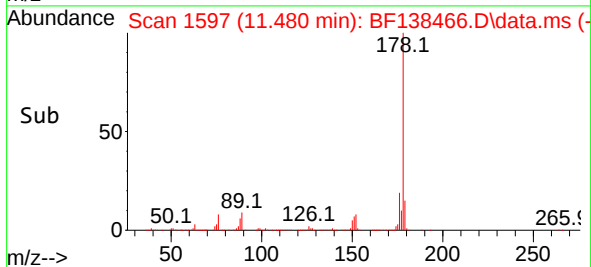
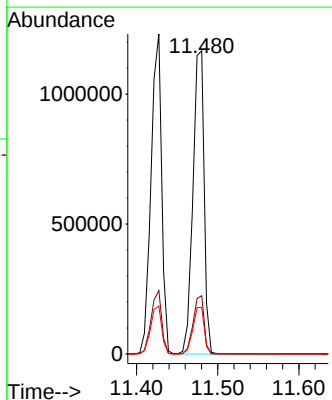
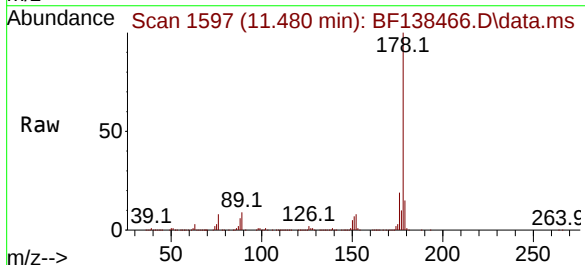
Instrument :
BNA_F
ClientSampleId :
PB161920BS

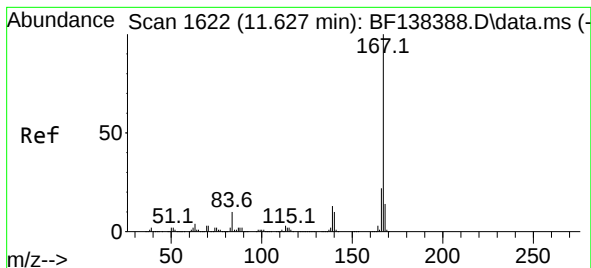
Tgt Ion:178 Resp: 1117249
Ion Ratio Lower Upper
178 100
176 19.8 16.1 24.1
179 15.0 12.6 18.8



#72
Anthracene
Concen: 46.575 ng
RT: 11.480 min Scan# 1597
Delta R.T. 0.006 min
Lab File: BF138466.D
Acq: 05 Jul 2024 13:53

Tgt Ion:178 Resp: 1126016
Ion Ratio Lower Upper
178 100
176 19.2 15.0 22.6
179 15.3 12.7 19.1





#73

Carbazole

Concen: 46.225 ng

RT: 11.633 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF138466.D

Acq: 05 Jul 2024 13:53

Instrument :

BNA_F

ClientSampleId :

PB161920BS

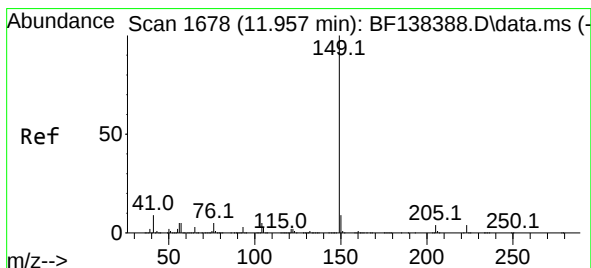
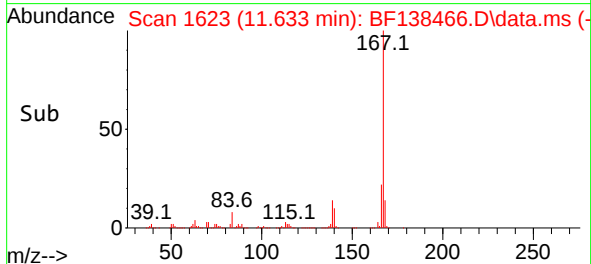
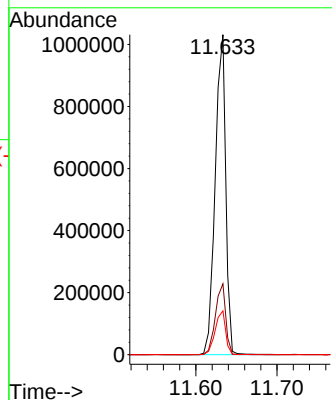
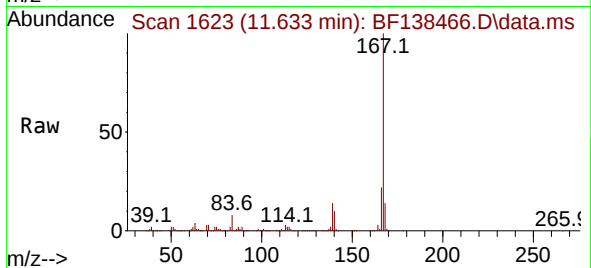
Tgt Ion:167 Resp: 927803

Ion Ratio Lower Upper

167 100

166 22.2 17.7 26.5

139 13.7 10.7 16.1



#74

Di-n-butylphthalate

Concen: 45.501 ng

RT: 11.957 min Scan# 1678

Delta R.T. -0.000 min

Lab File: BF138466.D

Acq: 05 Jul 2024 13:53

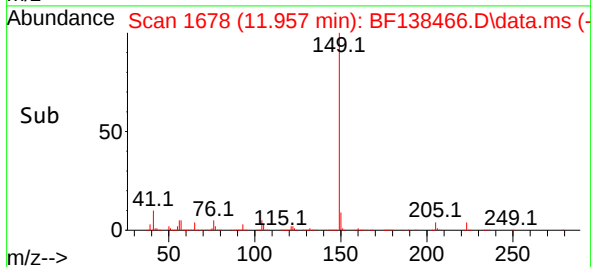
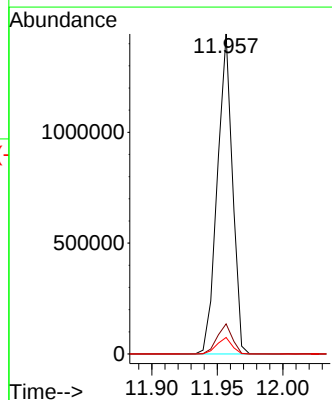
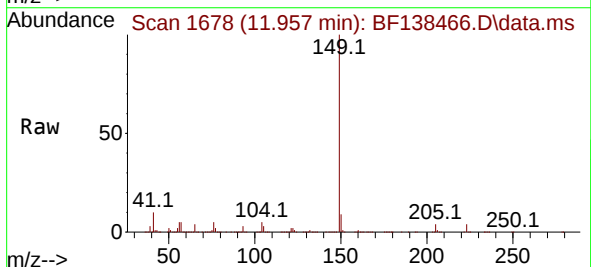
Tgt Ion:149 Resp: 1157390

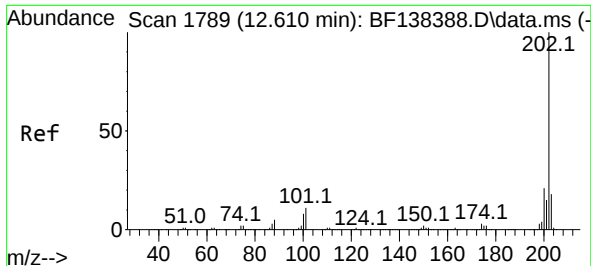
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

104 5.1 3.8 5.8

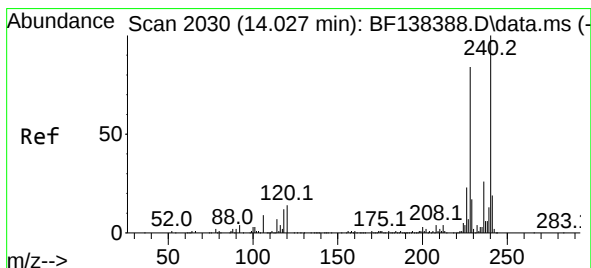
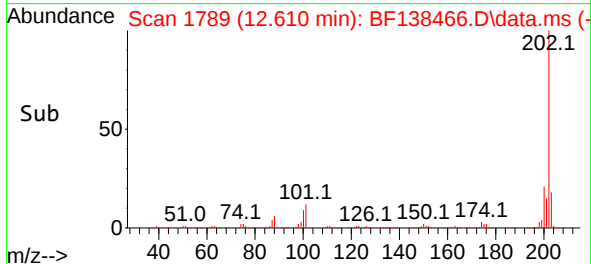
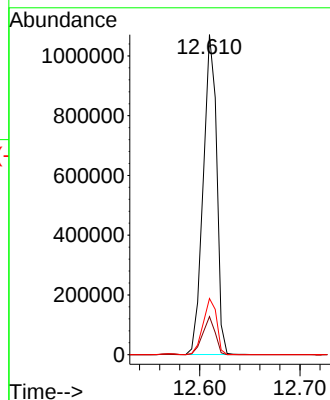
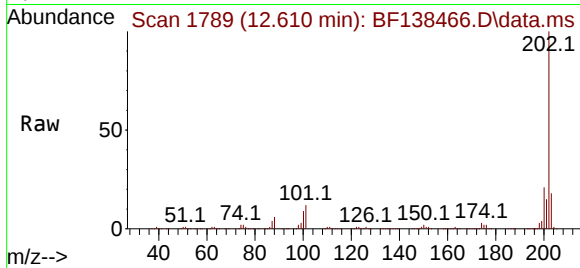




#75
Fluoranthene
Concen: 46.085 ng
RT: 12.610 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF138466.D
Acq: 05 Jul 2024 13:53

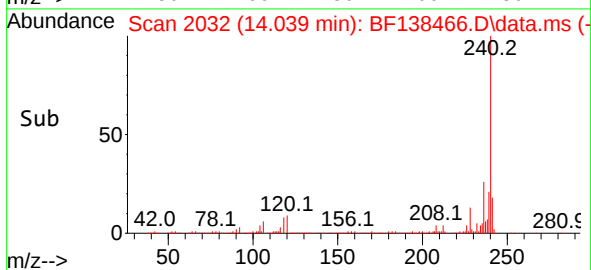
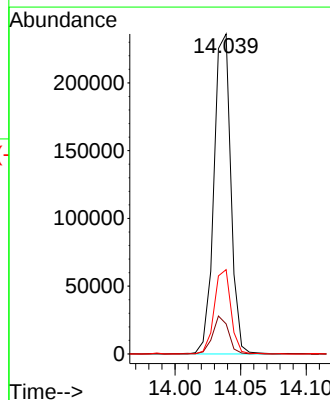
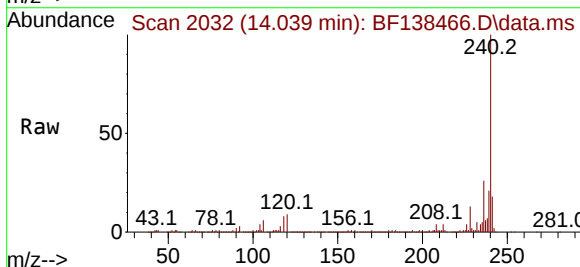
Instrument :
BNA_F
ClientSampleId :
PB161920BS

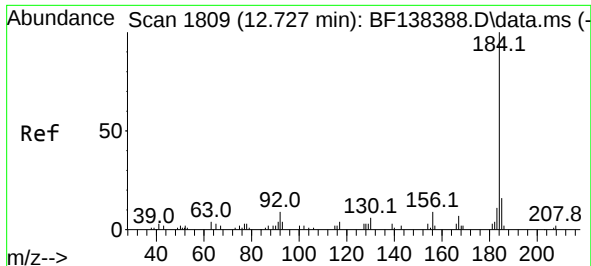
Tgt Ion:202 Resp: 1001610
Ion Ratio Lower Upper
202 100
101 11.9 0.0 30.5
203 17.5 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.012 min
Lab File: BF138466.D
Acq: 05 Jul 2024 13:53

Tgt Ion:240 Resp: 211767
Ion Ratio Lower Upper
240 100
120 9.4 10.9 16.3#
236 26.3 20.6 30.8

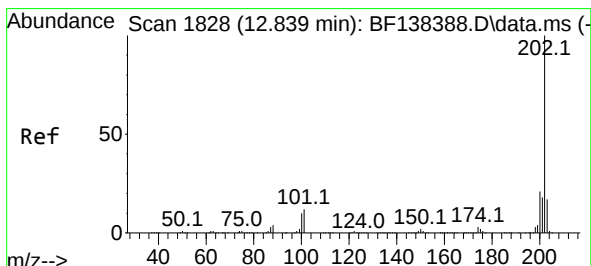
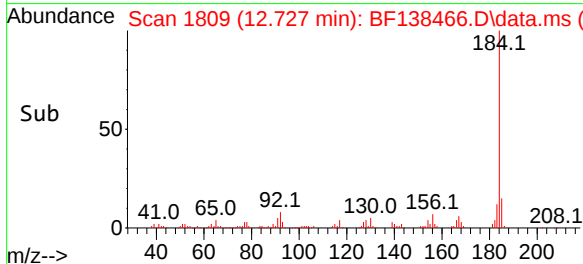
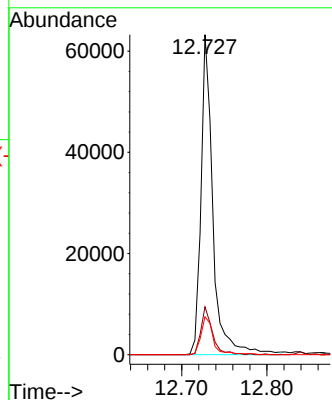
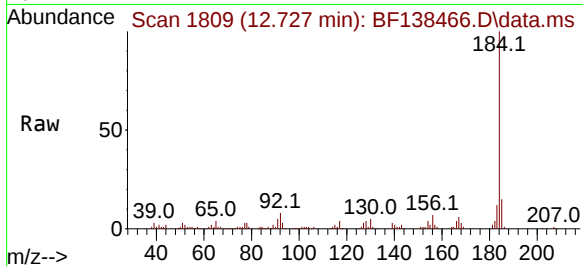




#77
Benzidine
Concen: 36.277 ng
RT: 12.727 min Scan# 1809
Delta R.T. -0.000 min
Lab File: BF138466.D
Acq: 05 Jul 2024 13:53

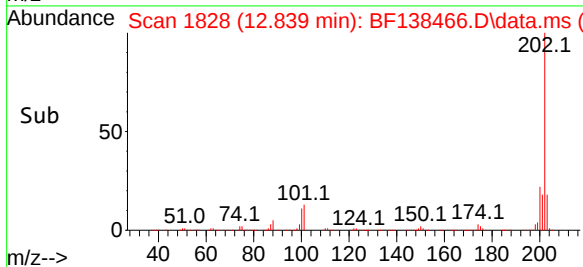
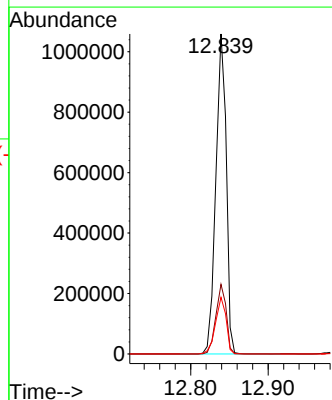
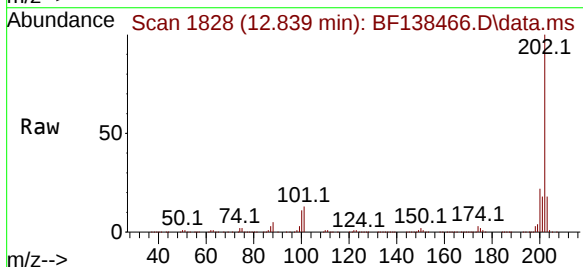
Instrument :
BNA_F
ClientSampleId :
PB161920BS

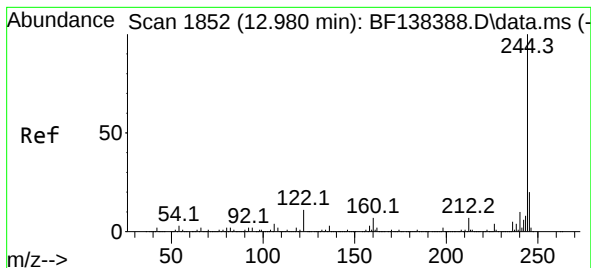
Tgt Ion:184 Resp: 61431
Ion Ratio Lower Upper
184 100
185 15.0 13.0 19.4
183 11.9 9.0 13.6



#78
Pyrene
Concen: 43.606 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.000 min
Lab File: BF138466.D
Acq: 05 Jul 2024 13:53

Tgt Ion:202 Resp: 986950
Ion Ratio Lower Upper
202 100
200 21.8 16.9 25.3
203 17.7 13.8 20.8





#79

Terphenyl-d14

Concen: 84.014 ng

RT: 12.980 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF138466.D

Acq: 05 Jul 2024 13:53

Instrument :

BNA_F

ClientSampleId :

PB161920BS

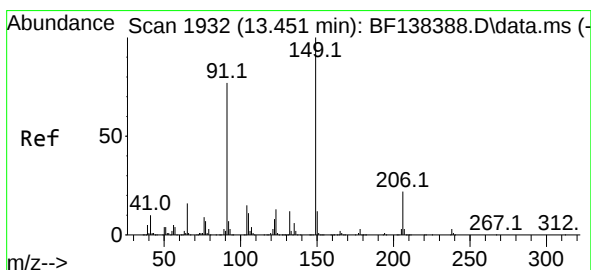
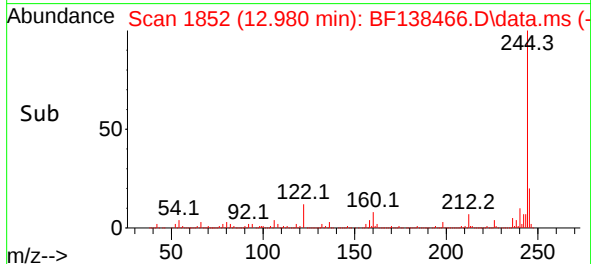
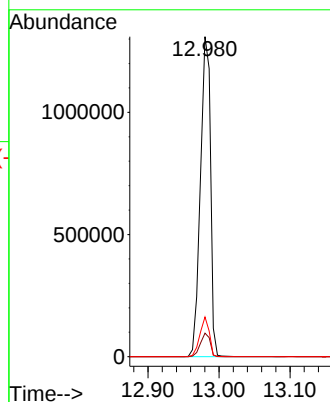
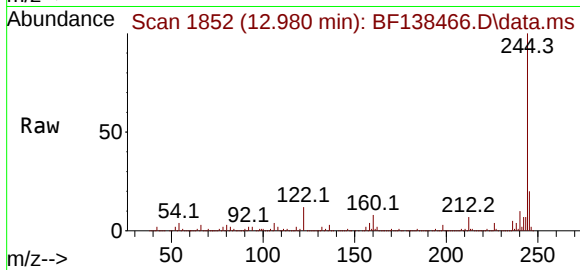
Tgt Ion:244 Resp: 1298249

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

122 12.4 9.0 13.4



#80

Butylbenzylphthalate

Concen: 46.128 ng

RT: 13.451 min Scan# 1932

Delta R.T. -0.000 min

Lab File: BF138466.D

Acq: 05 Jul 2024 13:53

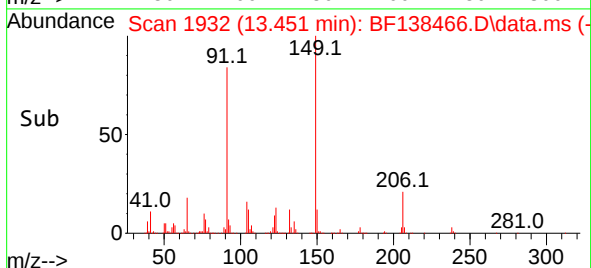
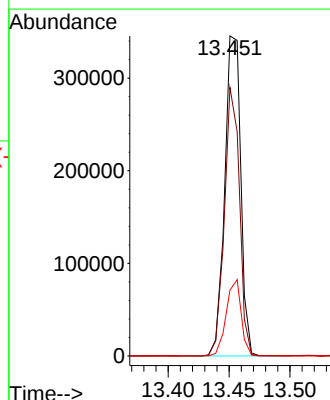
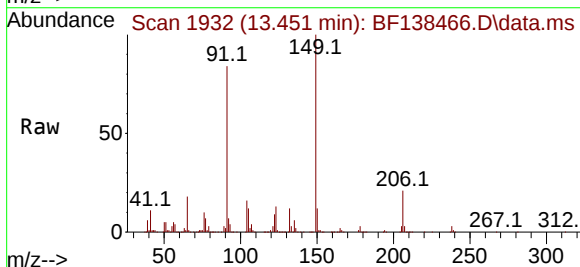
Tgt Ion:149 Resp: 317696

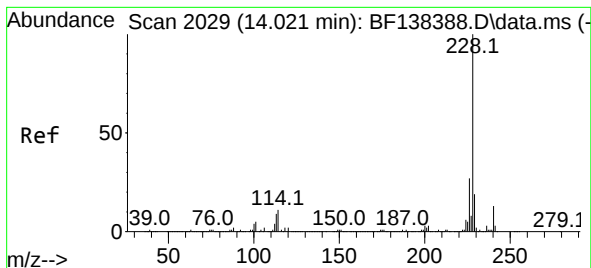
Ion Ratio Lower Upper

149 100

91 83.9 62.0 93.0

206 20.5 17.6 26.4





#81

Benzo(a)anthracene

Concen: 47.810 ng

RT: 14.027 min Scan# 2029

Delta R.T. 0.006 min

Lab File: BF138466.D

Acq: 05 Jul 2024 13:53

Instrument :

BNA_F

ClientSampleId :

PB161920BS

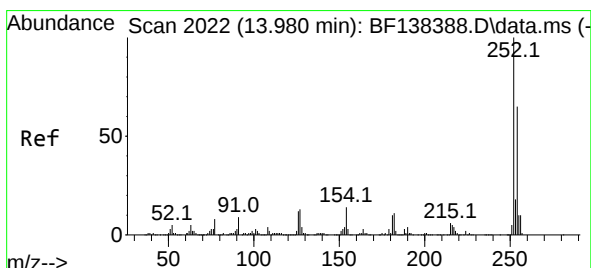
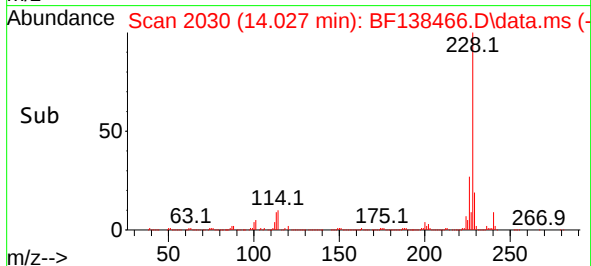
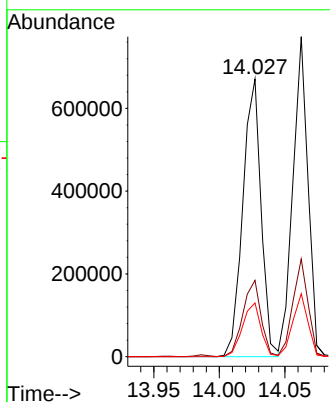
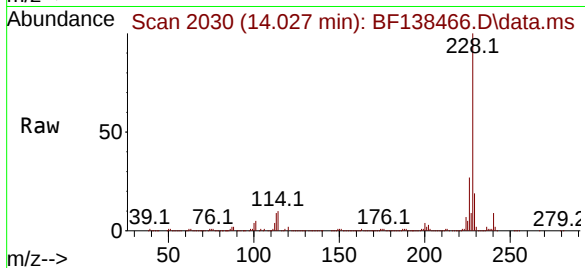
Tgt Ion:228 Resp: 651663

Ion Ratio Lower Upper

228 100

226 27.5 21.7 32.5

229 19.4 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 42.068 ng

RT: 13.986 min Scan# 2023

Delta R.T. 0.006 min

Lab File: BF138466.D

Acq: 05 Jul 2024 13:53

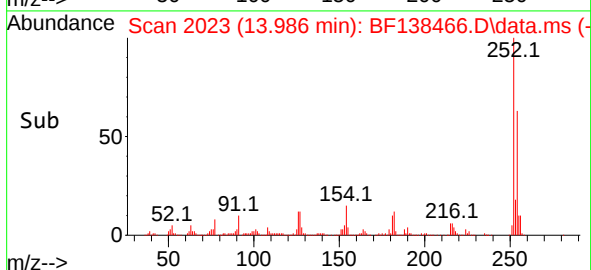
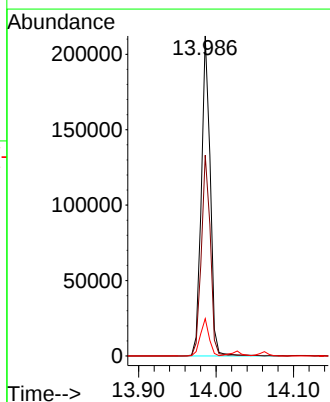
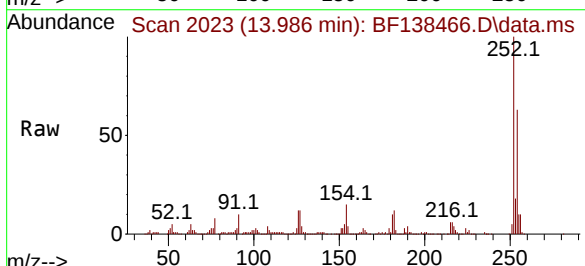
Tgt Ion:252 Resp: 169292

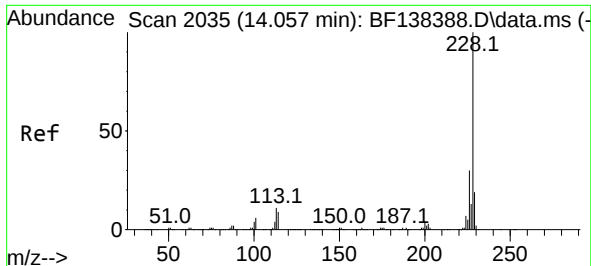
Ion Ratio Lower Upper

252 100

254 62.8 51.8 77.6

126 11.6 9.5 14.3

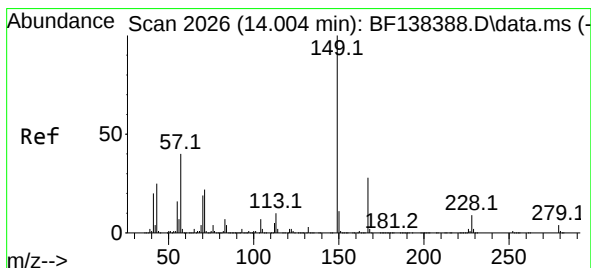
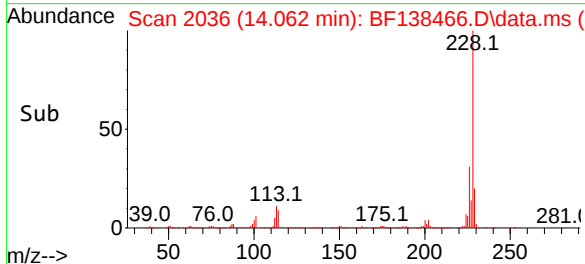
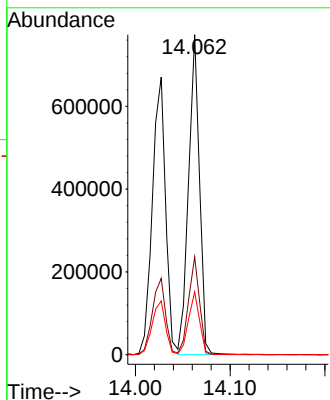
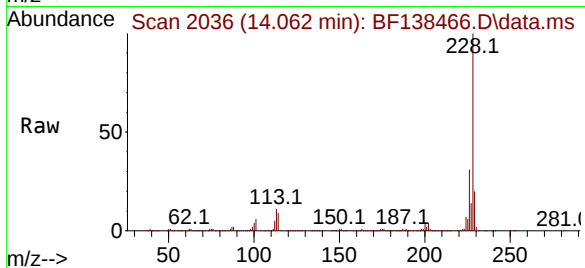




#83
Chrysene
Concen: 46.693 ng
RT: 14.062 min Scan# 2035
Delta R.T. 0.006 min
Lab File: BF138466.D
Acq: 05 Jul 2024 13:53

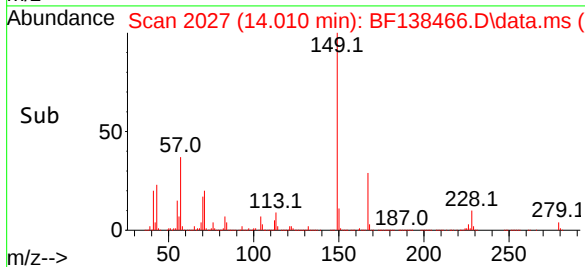
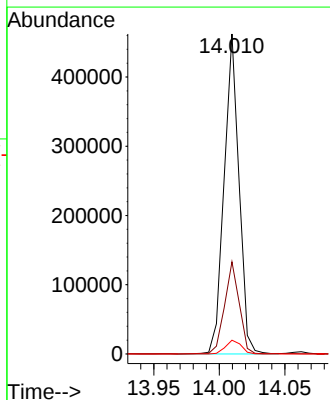
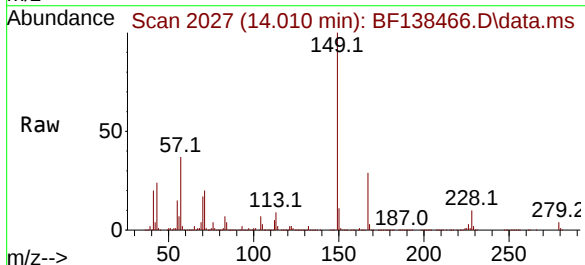
Instrument :
BNA_F
ClientSampleId :
PB161920BS

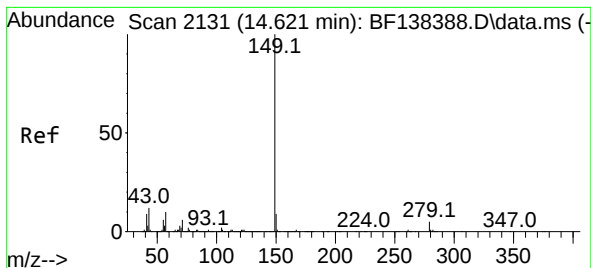
Tgt Ion:228 Resp: 619294
Ion Ratio Lower Upper
228 100
226 30.6 23.8 35.6
229 19.6 15.2 22.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.118 ng
RT: 14.010 min Scan# 2027
Delta R.T. 0.006 min
Lab File: BF138466.D
Acq: 05 Jul 2024 13:53

Tgt Ion:149 Resp: 363777
Ion Ratio Lower Upper
149 100
167 28.8 22.6 33.8
279 4.3 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 43.111 ng

RT: 14.621 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF138466.D

Acq: 05 Jul 2024 13:53

Instrument :

BNA_F

ClientSampleId :

PB161920BS

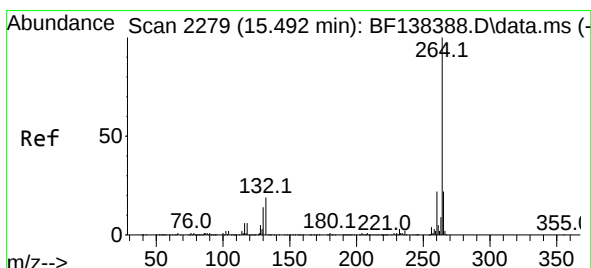
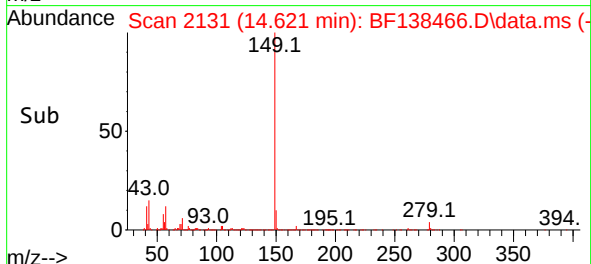
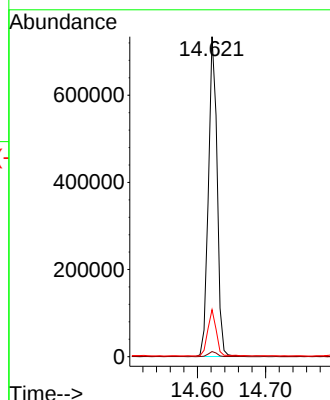
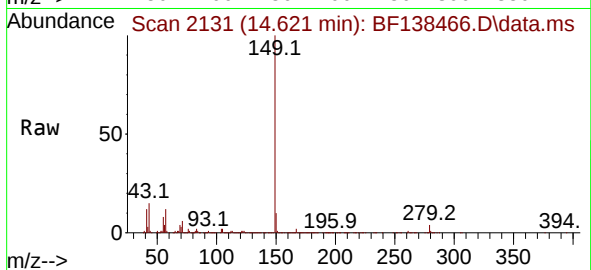
Tgt Ion:149 Resp: 651753

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

43 14.2 10.9 16.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2281

Delta R.T. 0.012 min

Lab File: BF138466.D

Acq: 05 Jul 2024 13:53

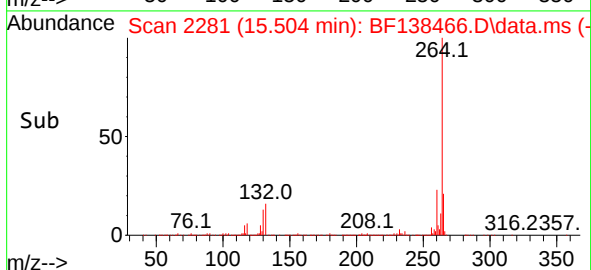
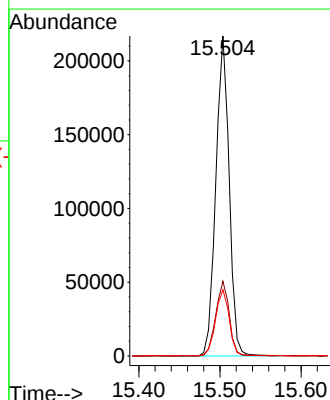
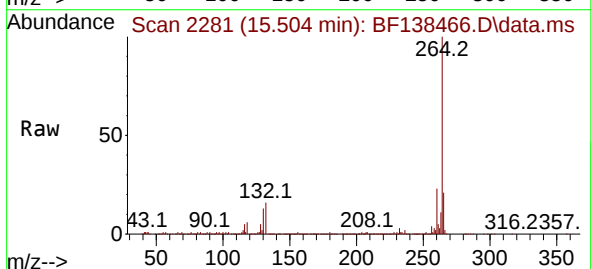
Tgt Ion:264 Resp: 247080

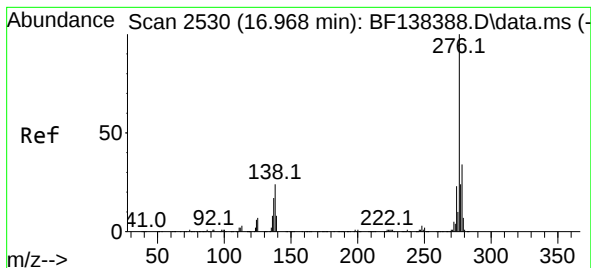
Ion Ratio Lower Upper

264 100

260 23.3 17.8 26.6

265 20.7 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.318 ng

RT: 16.980 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF138466.D

Acq: 05 Jul 2024 13:53

Instrument :

BNA_F

ClientSampleId :

PB161920BS

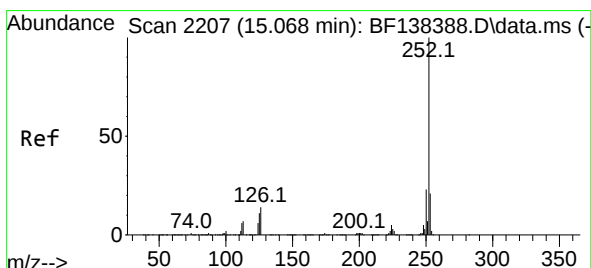
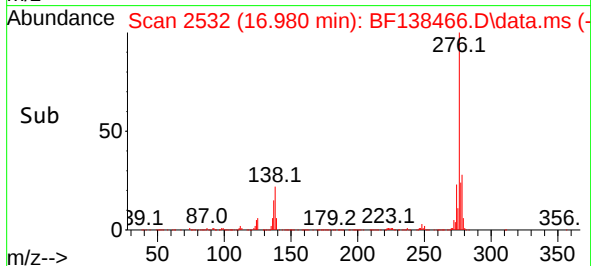
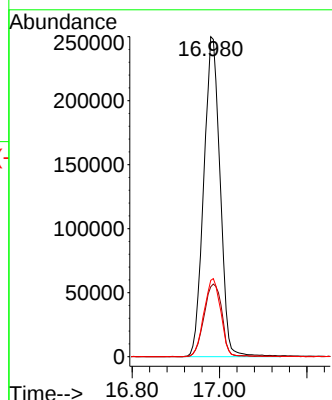
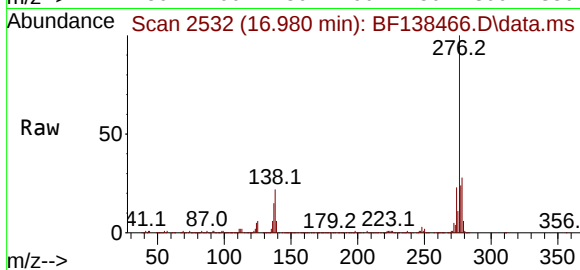
Tgt Ion:276 Resp: 649516

Ion Ratio Lower Upper

276 100

138 24.7 22.1 33.1

277 25.2 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 49.732 ng

RT: 15.074 min Scan# 2208

Delta R.T. 0.006 min

Lab File: BF138466.D

Acq: 05 Jul 2024 13:53

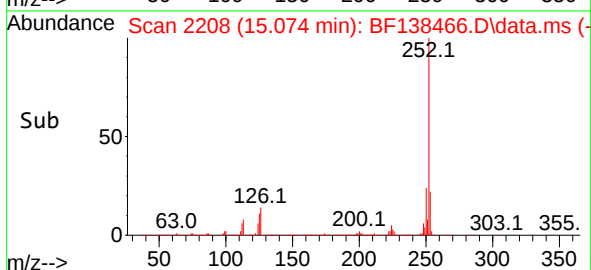
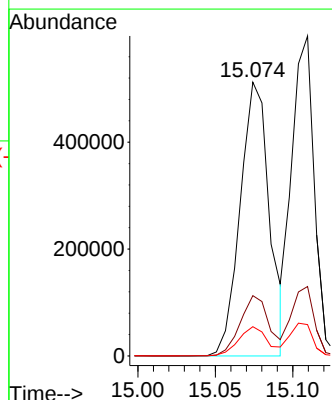
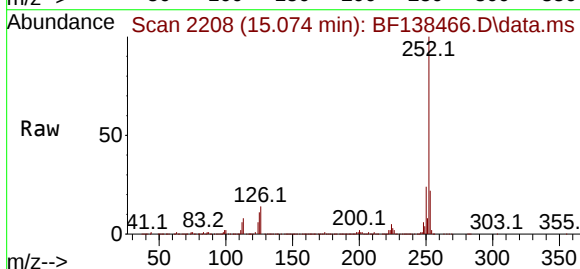
Tgt Ion:252 Resp: 674188

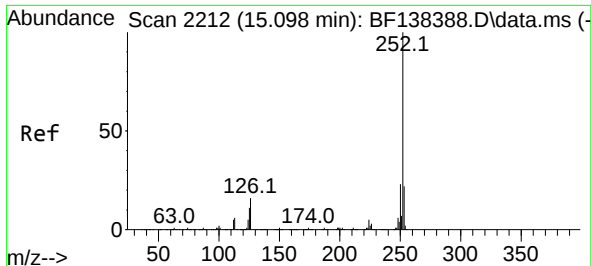
Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.4

125 10.7 8.6 12.8





#89

Benzo(k)fluoranthene

Concen: 48.521 ng

RT: 15.109 min Scan# 2214

Delta R.T. 0.012 min

Lab File: BF138466.D

Acq: 05 Jul 2024 13:53

Instrument :

BNA_F

ClientSampleId :

PB161920BS

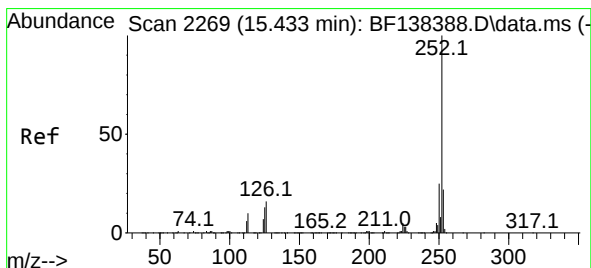
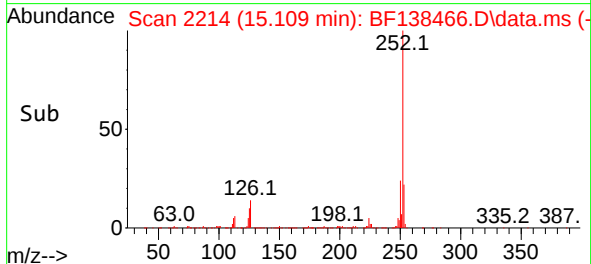
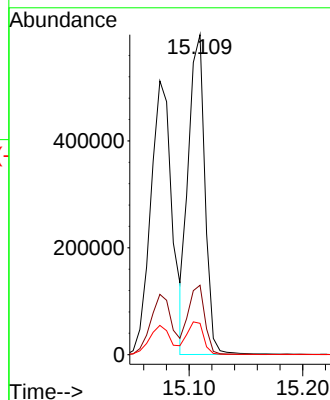
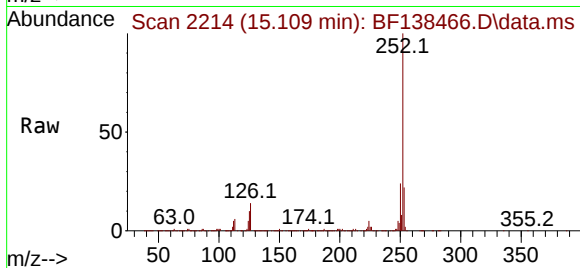
Tgt Ion:252 Resp: 605858

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 9.8 8.7 13.1



#90

Benzo(a)pyrene

Concen: 51.412 ng

RT: 15.445 min Scan# 2271

Delta R.T. 0.012 min

Lab File: BF138466.D

Acq: 05 Jul 2024 13:53

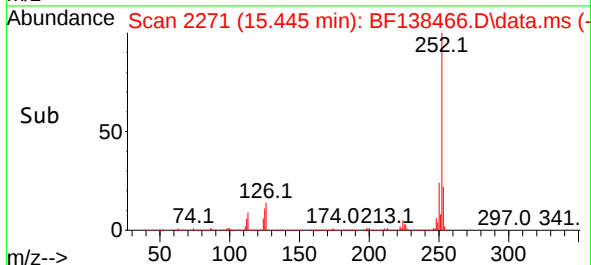
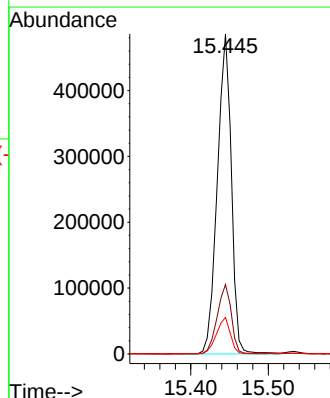
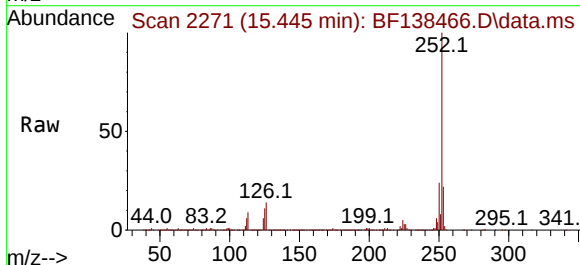
Tgt Ion:252 Resp: 610895

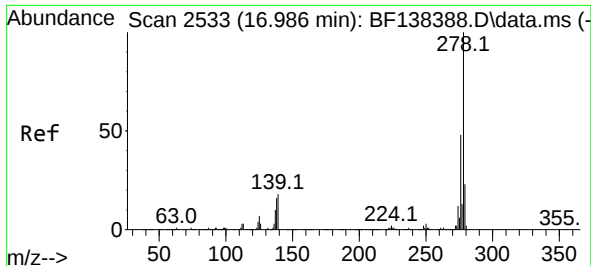
Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

125 11.4 10.2 15.2

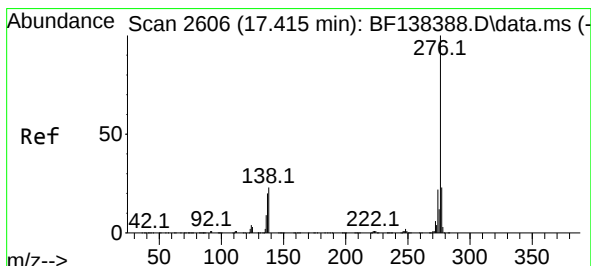
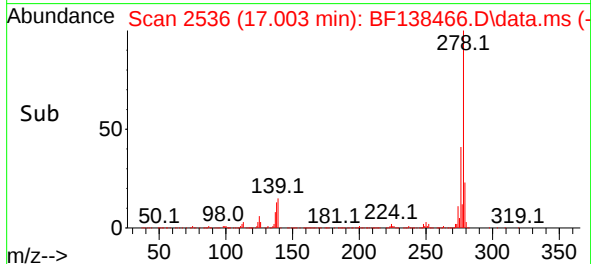
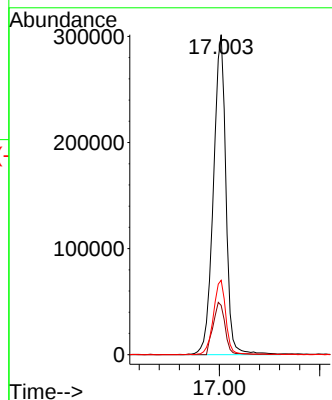
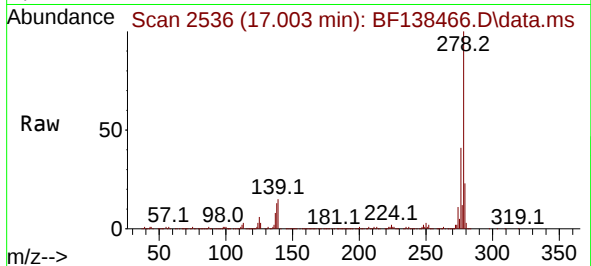




#91
Dibenzo(a,h)anthracene
Concen: 52.080 ng
RT: 17.003 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF138466.D
Acq: 05 Jul 2024 13:53

Instrument :
BNA_F
ClientSampleId :
PB161920BS

Tgt Ion:278 Resp: 521895
Ion Ratio Lower Upper
278 100
139 15.4 14.3 21.5
279 23.3 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 49.537 ng
RT: 17.433 min Scan# 2609
Delta R.T. 0.018 min
Lab File: BF138466.D
Acq: 05 Jul 2024 13:53

Tgt Ion:276 Resp: 485625
Ion Ratio Lower Upper
276 100
277 22.7 18.3 27.5
138 21.2 18.3 27.5

